

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133502.D
 Acq On : 26 May 2023 16:50
 Operator : CG\JU
 Sample : PB153075BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153075BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 05/30/2023
 Supervised By :Jagrut
 Upadhyay
 05/31/2023

Quant Time: May 27 01:08:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	130584	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	494973	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	237631	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	467174	20.000	ng	0.00
76) Chrysene-d12	14.009	240	299951	20.000	ng	0.00
86) Perylene-d12	15.462	264	262990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	715156	91.375	ng	0.01
7) Phenol-d6	6.463	99	851232	88.351	ng	0.00
23) Nitrobenzene-d5	7.404	82	776409	104.732	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	226553	95.643	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1351858	87.805	ng	0.00
79) Terphenyl-d14	12.957	244	1587532	94.102	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	144862	40.982	ng	99
3) Pyridine	3.398	79	378988	38.239	ng	98
4) n-Nitrosodimethylamine	3.363	42	255057	47.188	ng	100
6) Aniline	6.498	93	423417	32.367	ng	100
8) 2-Chlorophenol	6.622	128	397726	51.573	ng	95
9) Benzaldehyde	6.386	77	260830	58.068	ng	97
10) Phenol	6.481	94	487242m	50.412	ng	
11) bis(2-Chloroethyl)ether	6.575	93	381753	47.772	ng	99
12) 1,3-Dichlorobenzene	6.781	146	415683	48.552	ng	98
13) 1,4-Dichlorobenzene	6.857	146	425838	49.611	ng	99
14) 1,2-Dichlorobenzene	7.010	146	405802	51.232	ng	98
15) Benzyl Alcohol	6.981	79	356692	48.764	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	713629	47.085	ng	99
17) 2-Methylphenol	7.086	107	330146	45.206	ng	99
18) Hexachloroethane	7.351	117	152516	51.386	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	279558	44.846	ng	99
20) 3+4-Methylphenols	7.245	107	388100	47.005	ng	# 88
22) Acetophenone	7.251	105	529378	46.442	ng	# 96
24) Nitrobenzene	7.428	77	414404	52.463	ng	96
25) Isophorone	7.663	82	779370	45.110	ng	99
26) 2-Nitrophenol	7.739	139	179134	49.344	ng	99
27) 2,4-Dimethylphenol	7.775	122	334458	45.497	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	444133	44.331	ng	98
29) 2,4-Dichlorophenol	7.980	162	313689	47.430	ng	95
30) 1,2,4-Trichlorobenzene	8.063	180	335401	46.885	ng	99
31) Naphthalene	8.145	128	1096741	45.703	ng	99
32) Benzoic acid	7.892	122	237043	48.807	ng	96
33) 4-Chloroaniline	8.192	127	119557	11.624	ng	94
34) Hexachlorobutadiene	8.263	225	202553	46.548	ng	100
35) Caprolactam	8.569	113	116718m	53.811	ng	
36) 4-Chloro-3-methylphenol	8.669	107	351146	47.397	ng	98
37) 2-Methylnaphthalene	8.839	142	711387	43.419	ng	98
38) 1-Methylnaphthalene	8.933	142	666445	43.636	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	313218	44.472	ng	99
41) Hexachlorocyclopentadiene	8.992	237	393223	108.948	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	218414	48.464	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	237570	45.416	ng	96
46) 1,1'-Biphenyl	9.304	154	882457	45.708	ng	99
47) 2-Chloronaphthalene	9.327	162	648300	46.333	ng	98
48) 2-Nitroaniline	9.422	65	216816	48.242	ng	97
49) Acenaphthylene	9.745	152	1091958	45.731	ng	100
50) Dimethylphthalate	9.604	163	759424	45.470	ng	100
51) 2,6-Dinitrotoluene	9.663	165	156654	49.230	ng	98
52) Acenaphthene	9.916	154	716582	49.542	ng	99
53) 3-Nitroaniline	9.827	138	105098	27.831	ng	97
54) 2,4-Dinitrophenol	9.939	184	156010	91.303	ng	93
55) Dibenzofuran	10.086	168	970413	45.095	ng	99
56) 4-Nitrophenol	9.992	139	316906	110.905	ng	93
57) 2,4-Dinitrotoluene	10.069	165	203719	51.324	ng	90
58) Fluorene	10.427	166	708676	44.949	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	199811	50.719	ng	99
60) Diethylphthalate	10.304	149	781249	45.060	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	327622	43.277	ng	99
62) 4-Nitroaniline	10.451	138	192456	47.977	ng	98
63) Azobenzene	10.580	77	770389	44.390	ng	95
65) 4,6-Dinitro-2-methylph...	10.474	198	101505	52.200	ng	# 74
66) n-Nitrosodiphenylamine	10.539	169	663225	43.728	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	219065	44.154	ng	97
68) Hexachlorobenzene	10.974	284	241173	46.484	ng	99
69) Atrazine	11.069	200	220262	52.929	ng	99
70) Pentachlorophenol	11.169	266	275701	88.871	ng	99
71) Phenanthrene	11.392	178	1071304	45.275	ng	99
72) Anthracene	11.445	178	1096194	45.013	ng	100
73) Carbazole	11.598	167	1071595	46.529	ng	100
74) Di-n-butylphthalate	11.933	149	1220883	44.831	ng	100
75) Fluoranthene	12.580	202	1199631	45.899	ng	99
77) Benzidine	12.704	184	490121	55.868	ng	99
78) Pyrene	12.810	202	1231452	48.246	ng	100
80) Butylbenzylphthalate	13.433	149	500607	49.570	ng	99
81) Benzo(a)anthracene	13.998	228	906418	45.362	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	157253	25.175	ng	98
83) Chrysene	14.039	228	906478	44.938	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	555827	44.031	ng	# 97
85) Di-n-octyl phthalate	14.609	149	894864	42.555	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	861213	51.409	ng	99
88) Benzo(b)fluoranthene	15.045	252	806924	47.119	ng	99
89) Benzo(k)fluoranthene	15.074	252	772321	46.251	ng	99
90) Benzo(a)pyrene	15.409	252	685600	43.997	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	697765	51.374	ng	99
92) Benzo(g,h,i)perylene	17.368	276	724793	52.923	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

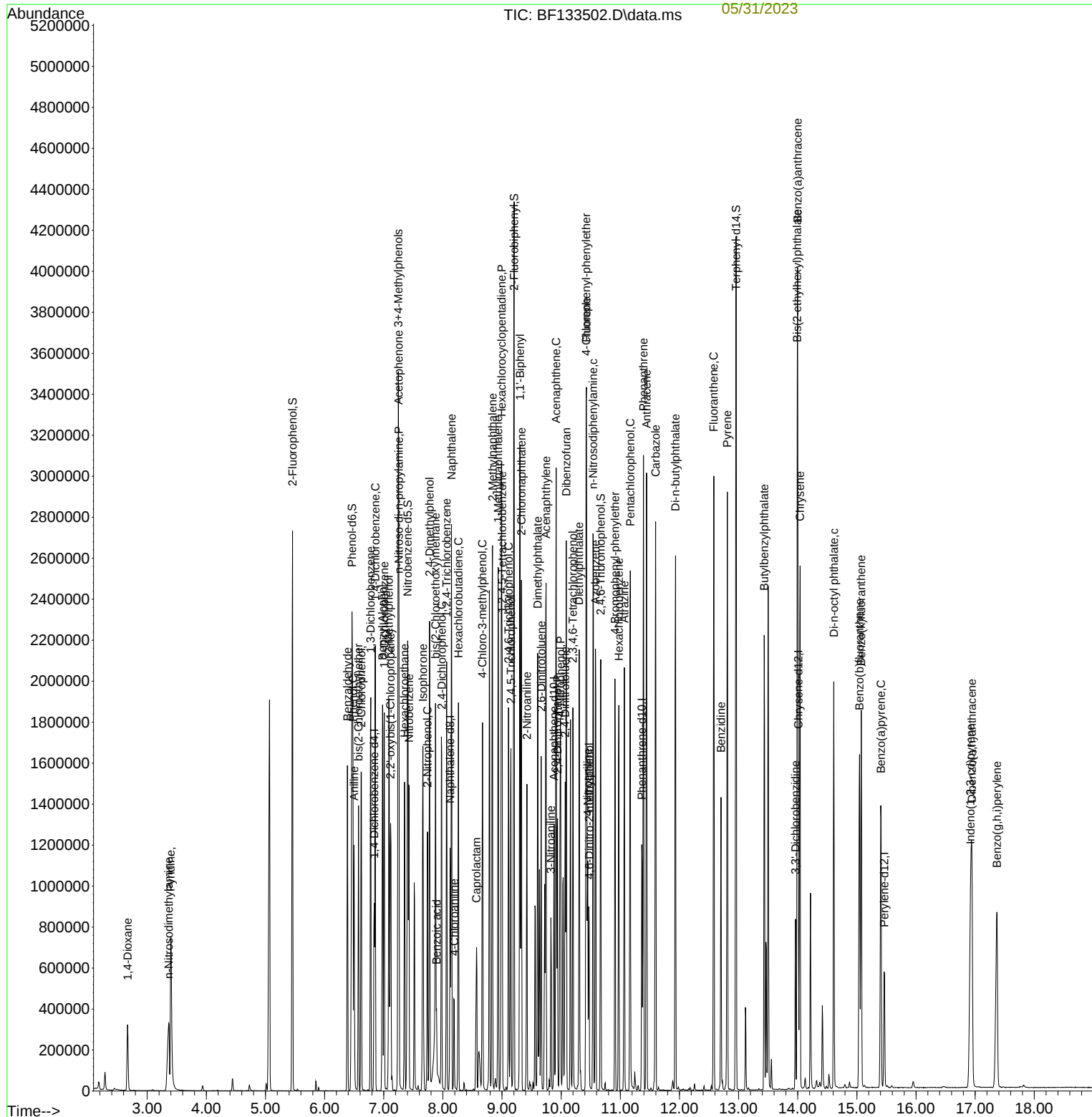
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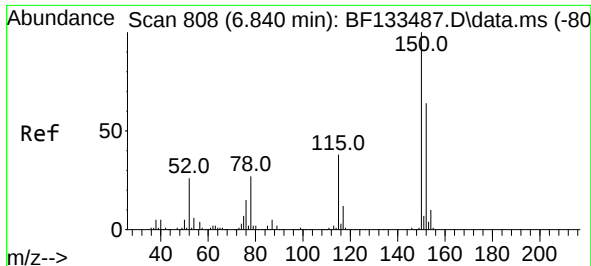
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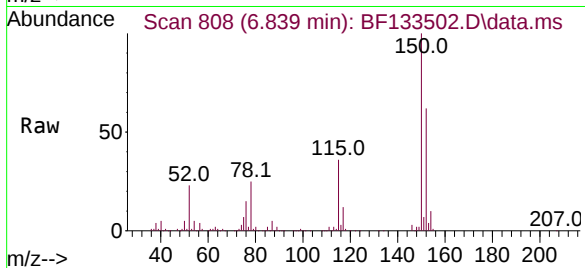
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.001 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

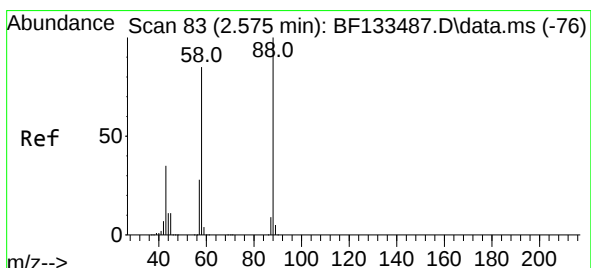
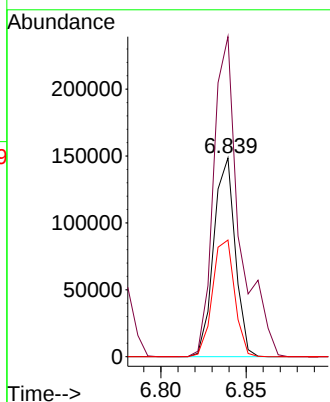
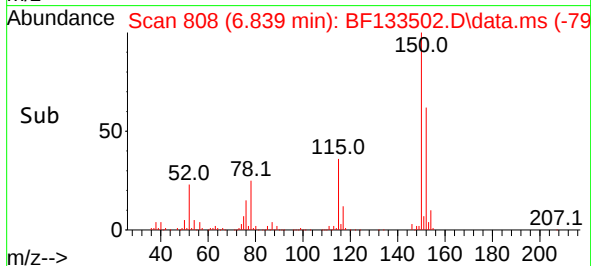


Tgt Ion:152 Resp: 130584
Ion Ratio Lower Upper
152 100
150 161.1 124.9 187.3
115 58.7 48.1 72.1

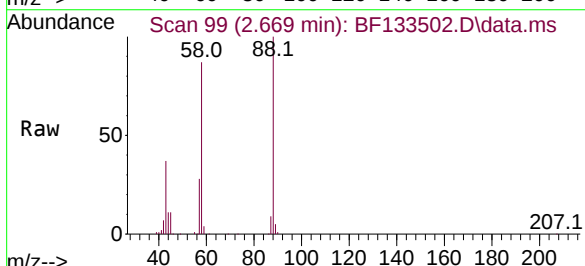
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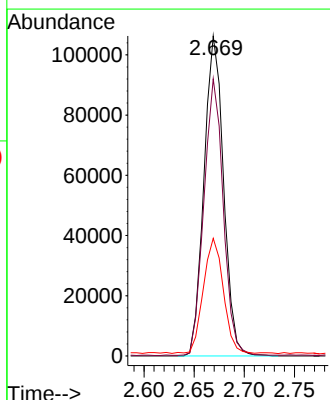
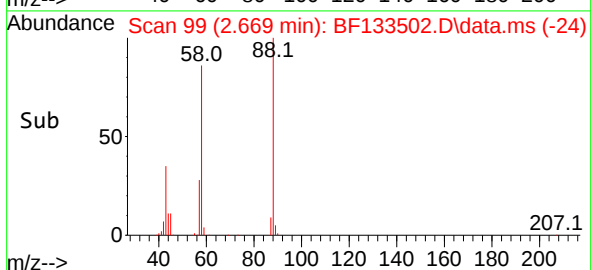
Supervised By :Jagrut
Upadhyay
05/31/2023

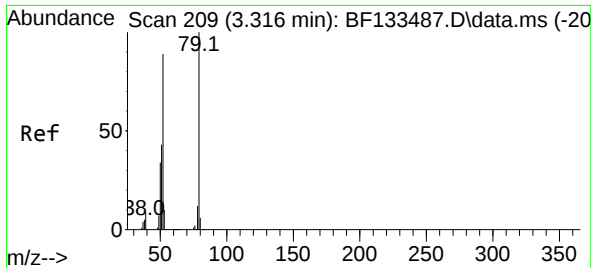


#2
1,4-Dioxane
Concen: 40.982 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.094 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



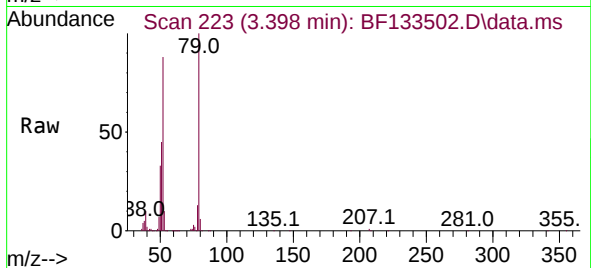
Tgt Ion: 88 Resp: 144862
Ion Ratio Lower Upper
88 100
58 85.6 67.7 101.5
43 36.6 28.2 42.4





#3
Pyridine
Concen: 38.239 ng
RT: 3.398 min Scan# 217
Delta R.T. 0.082 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

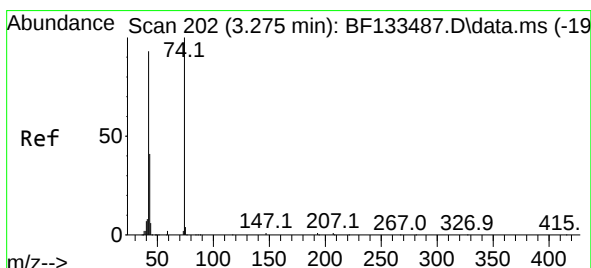
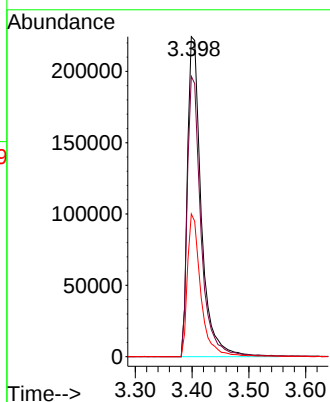
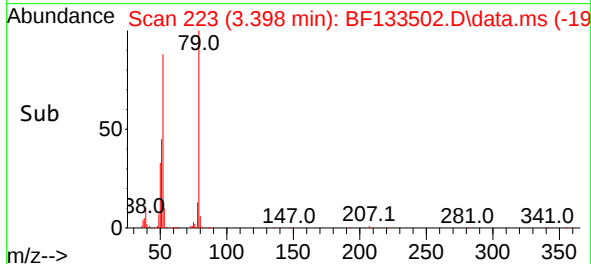
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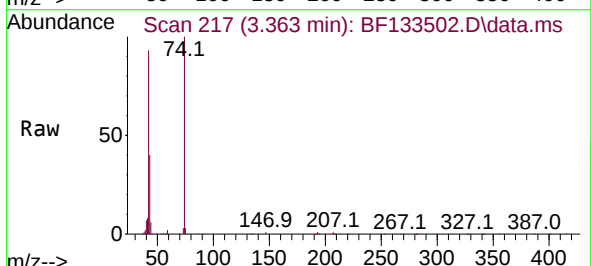
Tgt Ion: 79 Resp: 378988
Ion Ratio Lower Upper
79 100
52 87.6 71.3 106.9
51 44.6 34.4 51.6

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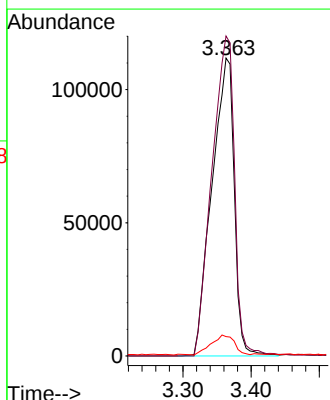
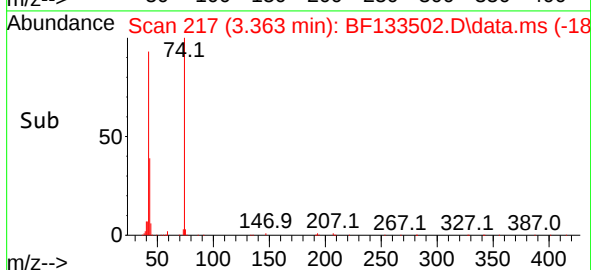
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05/30/2023
Supervised By :Jagrut
Upadhyay
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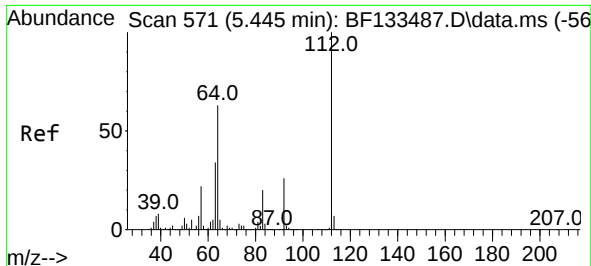


#4
n-Nitrosodimethylamine
Concen: 47.188 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



Tgt Ion: 42 Resp: 255057
Ion Ratio Lower Upper
42 100
74 107.4 85.7 128.5
44 6.5 5.6 8.4





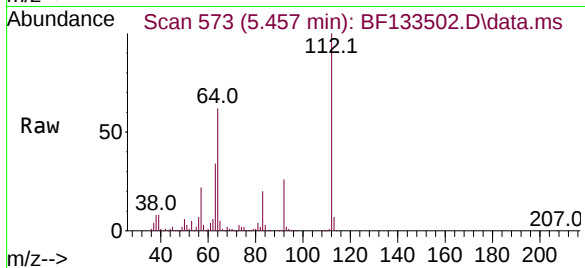
#5
2-Fluorophenol
Concen: 91.375 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

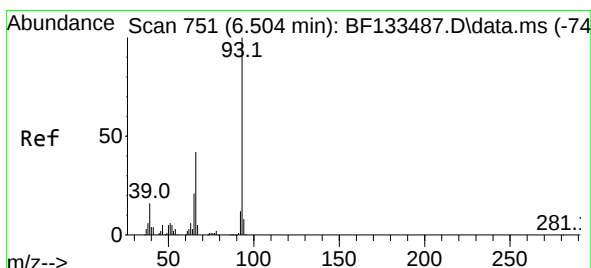
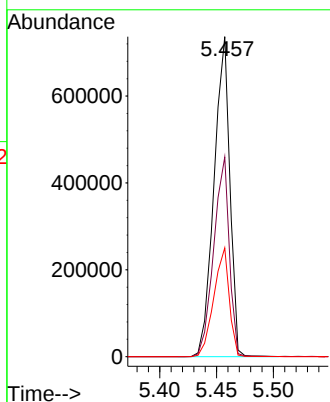
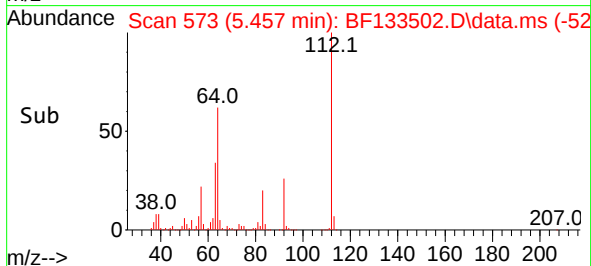


Tgt Ion: 112 Resp: 715150
Ion Ratio Lower Upper
112 100
64 62.4 50.1 75.1
63 34.0 27.5 41.3

Manual Integrations
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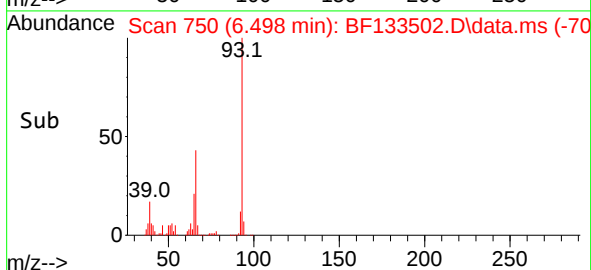
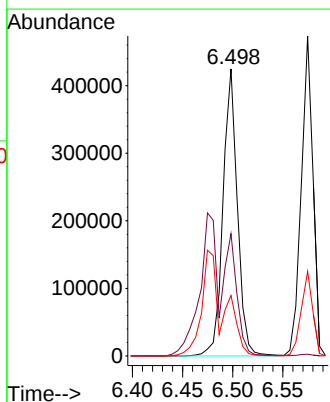
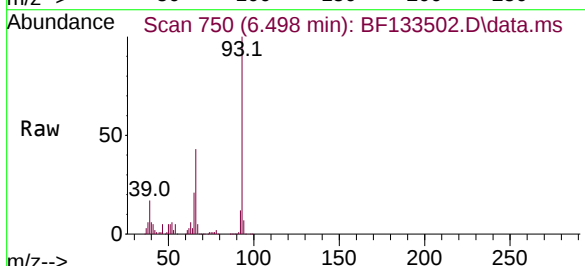
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05/30/2023

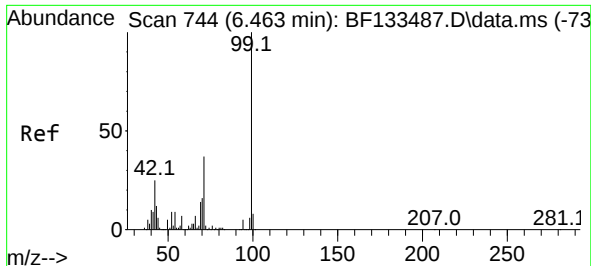
Supervised By :Jagrut
Upadhyay
05/31/2023



#6
Aniline
Concen: 32.367 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

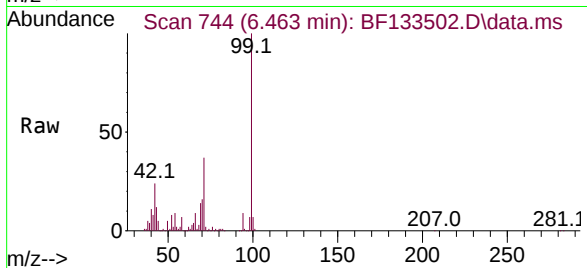
Tgt Ion: 93 Resp: 423417
Ion Ratio Lower Upper
93 100
66 42.6 33.9 50.9
65 21.1 17.2 25.8





#7
Phenol-d6
Concen: 88.351 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133502.D
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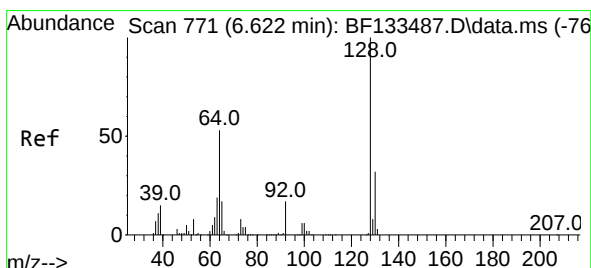
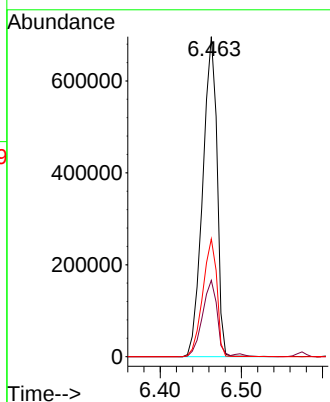
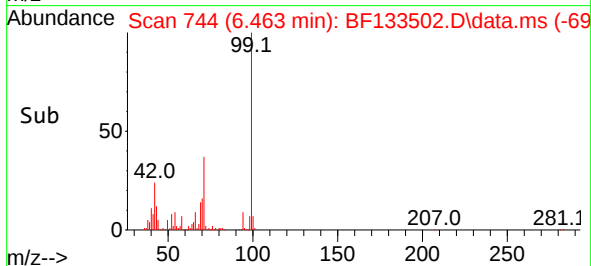
Instrument :
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Tgt Ion: 99 Resp: 85123
Ion Ratio Lower Upper
99 100
42 23.8 19.7 29.5
71 36.8 29.8 44.8

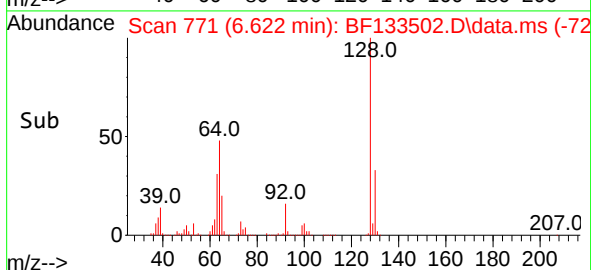
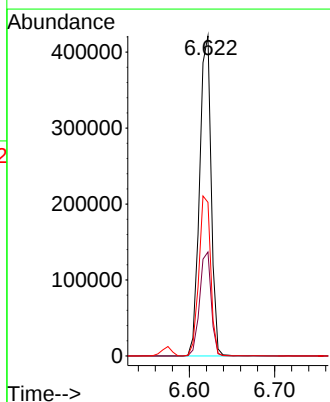
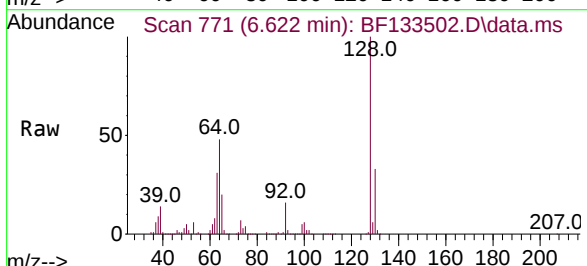
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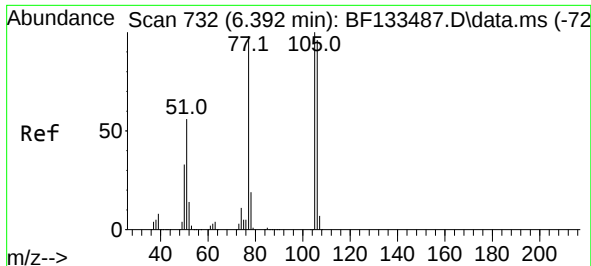
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05/31/2023



#8
2-Chlorophenol
Concen: 51.573 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.000 min
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Tgt Ion:128 Resp: 397726
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 48.0 33.3 73.3





#9

Benzaldehyde

Concen: 58.068 ng

RT: 6.386 min Scan# 731

Delta R.T. -0.006 min

Lab File: BF133502.D

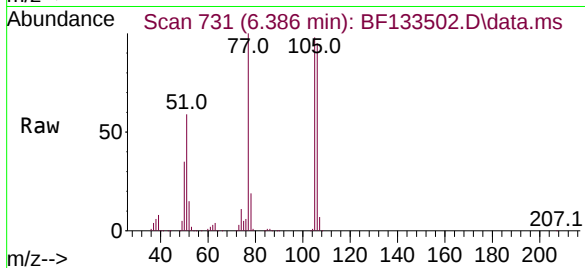
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Tgt Ion:	77	Resp:	260830
Ion	Ratio	Lower	Upper
77	100		
105	97.9	81.9	121.9
106	95.2	77.8	117.8

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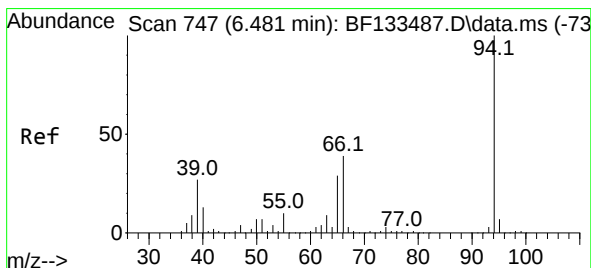
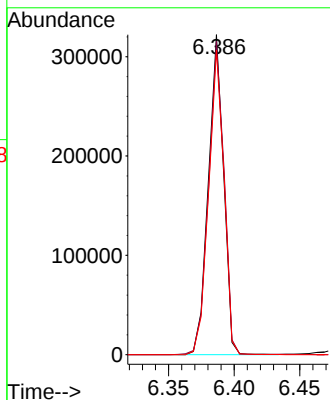
Giraldo

05/30/2023

Supervised By :Jagrut

Upadhyay

05/31/2023



#10

Phenol

Concen: 50.412 ng m

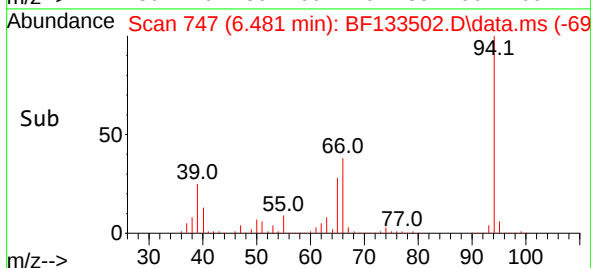
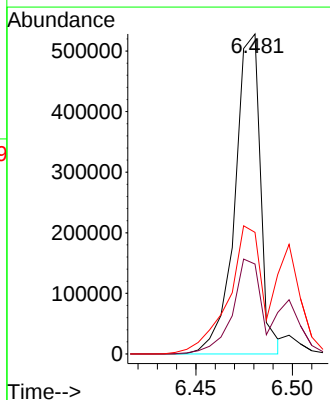
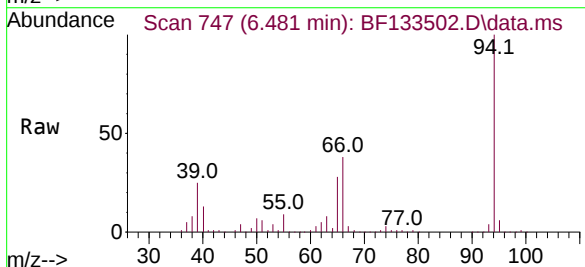
RT: 6.481 min Scan# 747

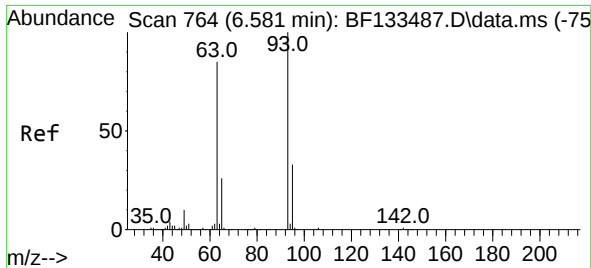
Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Tgt Ion:	94	Resp:	487242
Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.1	49.1
66	38.0	18.9	58.9





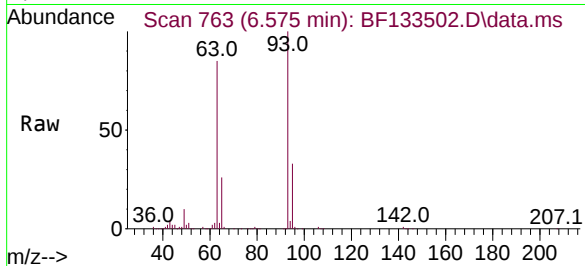
#11
bis(2-Chloroethyl)ether
Concen: 47.772 ng
RT: 6.575 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

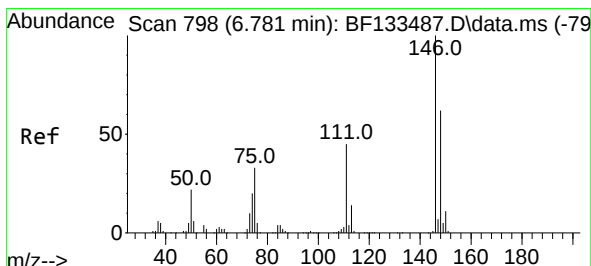
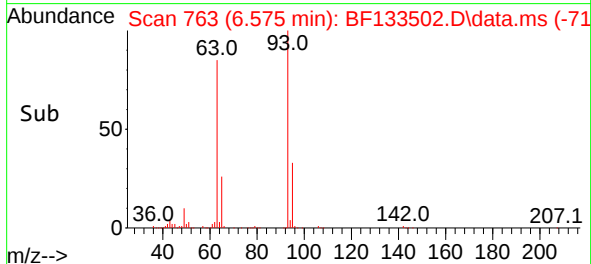
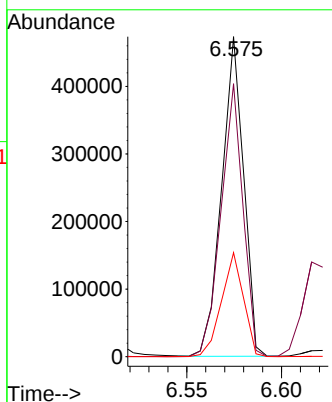


Tgt Ion: 93 Resp: 38175
Ion Ratio Lower Upper
93 100
63 85.3 64.5 104.5
95 32.5 13.3 53.3

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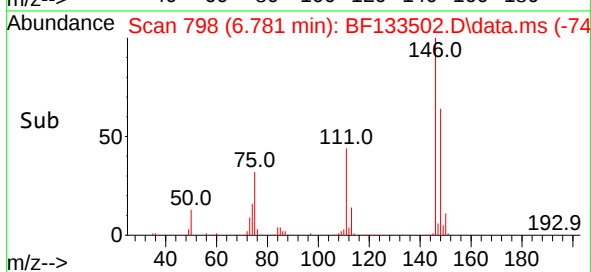
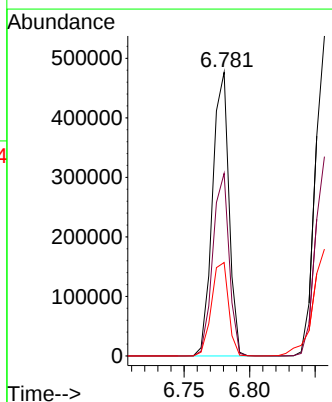
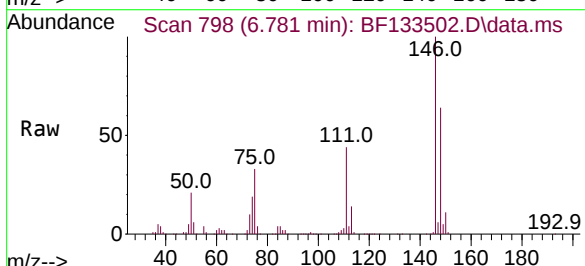
Reviewed By :Christian
Giraldo
05/30/2023

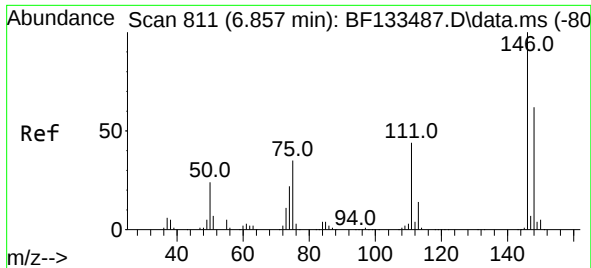
Supervised By :Jagrut
Upadhyay
05/31/2023



#12
1,3-Dichlorobenzene
Concen: 48.552 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:146 Resp: 415683
Ion Ratio Lower Upper
146 100
148 64.4 49.9 74.9
75 32.9 26.7 40.1





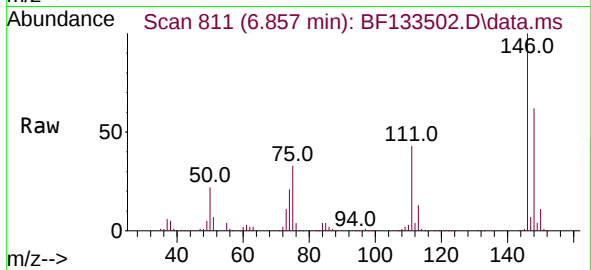
#13
1,4-Dichlorobenzene
Concen: 49.611 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

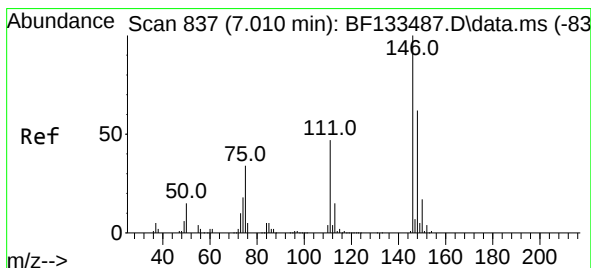
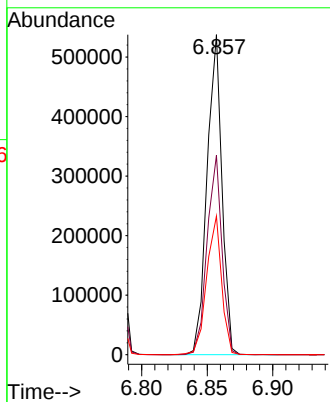
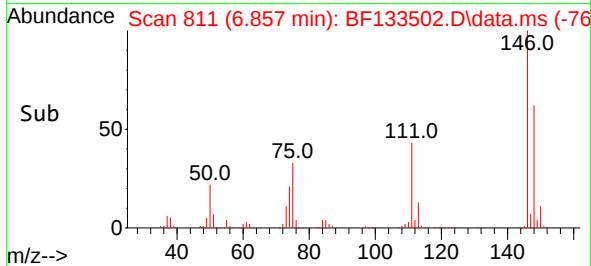


Tgt Ion:146 Resp: 425838
Ion Ratio Lower Upper
146 100
148 62.3 49.8 74.6
111 43.3 35.3 52.9

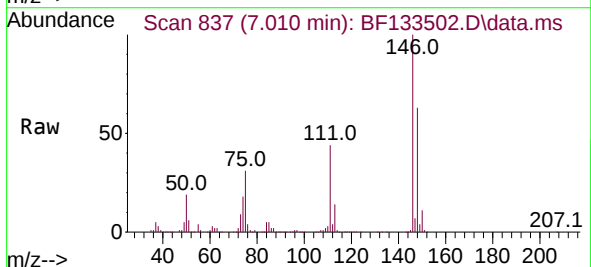
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Reviewed By :Christian
Giraldo
05/30/2023

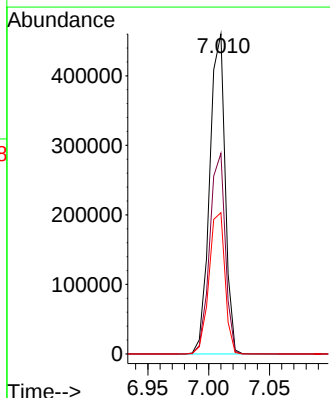
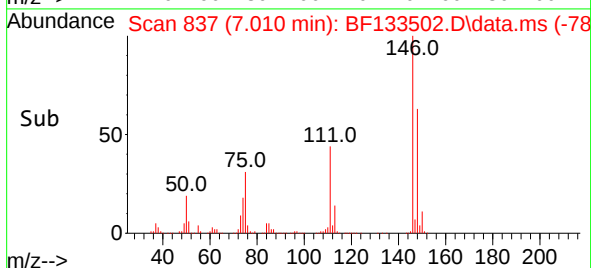
Supervised By :Jagrut
Upadhyay
05/31/2023

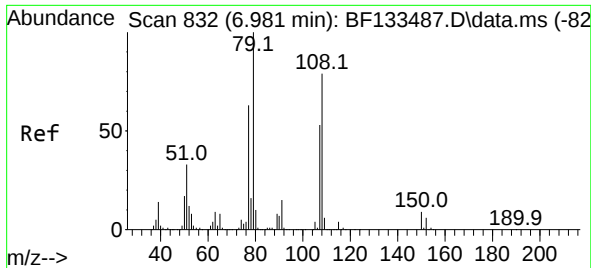


#14
1,2-Dichlorobenzene
Concen: 51.232 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



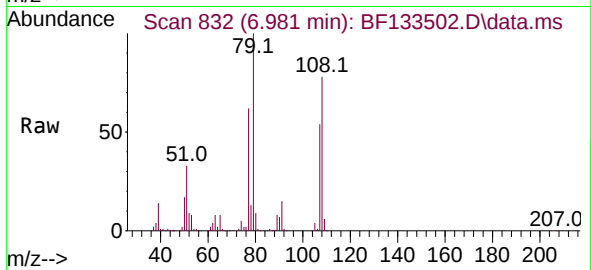
Tgt Ion:146 Resp: 405802
Ion Ratio Lower Upper
146 100
148 62.7 49.8 74.6
111 44.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 48.764 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

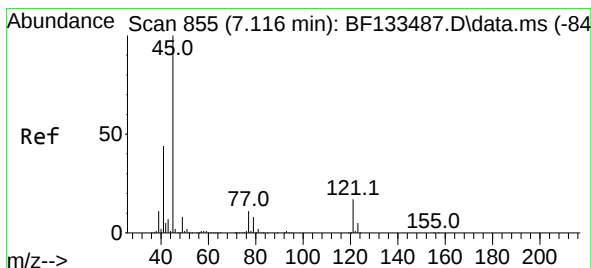
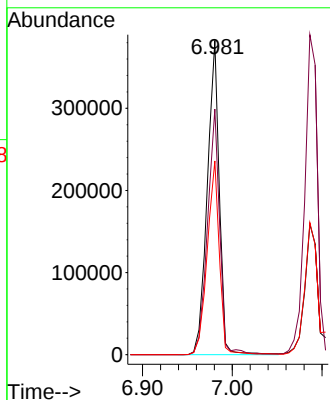
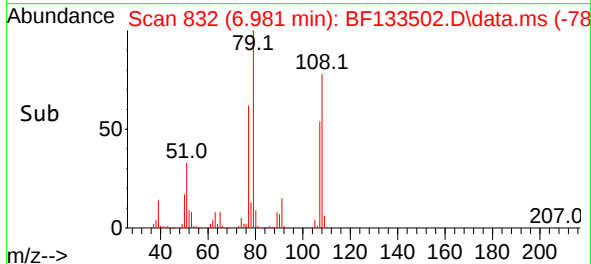
Instrument :
BNA_F
ClientSampleId :
PB153075BS



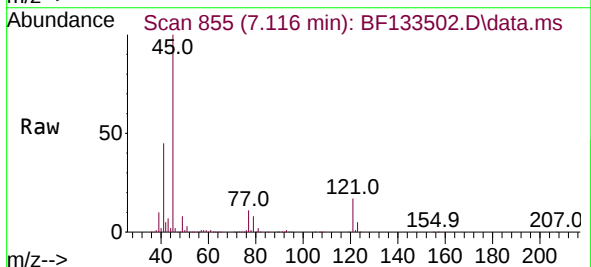
Tgt Ion: 79 Resp: 356692
Ion Ratio Lower Upper
79 100
108 78.2 63.2 94.8
77 61.7 50.3 75.5

Manual Integrations
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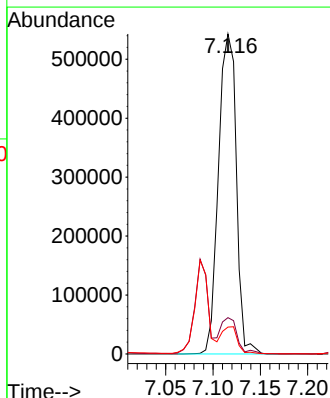
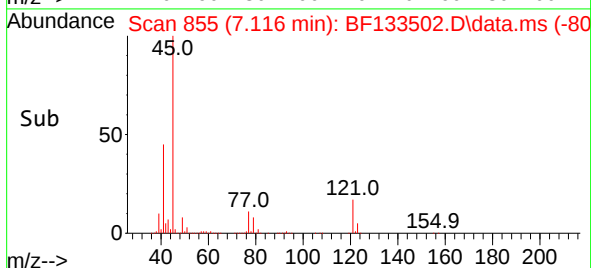
Reviewed By :Christian
Giraldo
05/30/2023
Supervised By :Jagrut
Upadhyay
05/31/2023

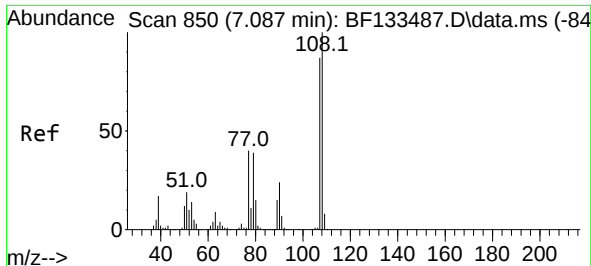


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.085 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



Tgt Ion: 45 Resp: 713629
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.8
79 8.4 0.0 28.2





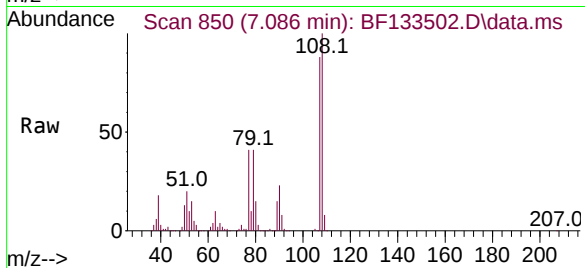
#17
2-Methylphenol
Concen: 45.206 ng
RT: 7.086 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

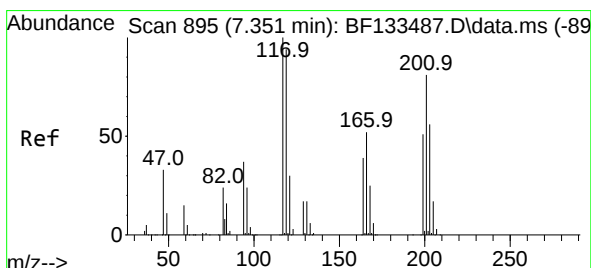
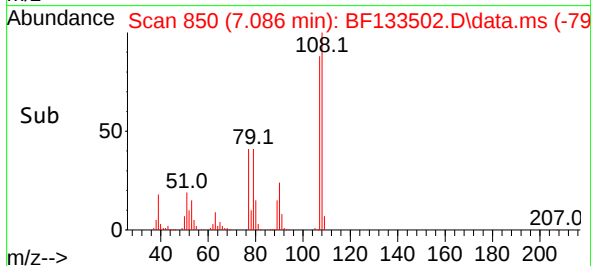
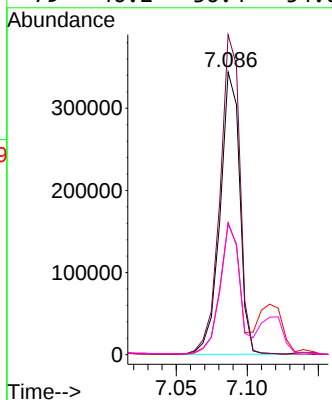


Tgt Ion:107 Resp: 330140
Ion Ratio Lower Upper
107 100
108 113.2 92.2 138.4
77 46.7 37.1 55.7
79 46.2 36.4 54.6

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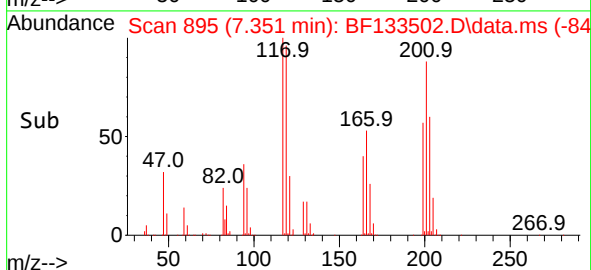
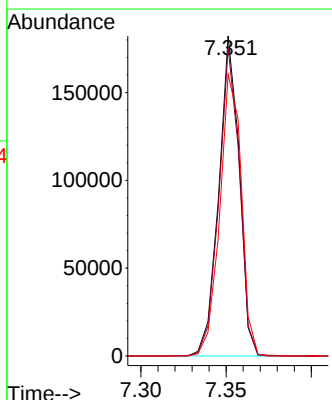
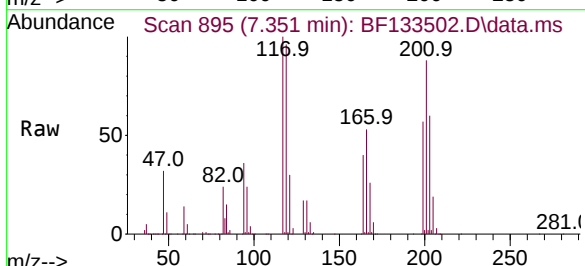
Reviewed By :Christian
Giraldo
05/30/2023

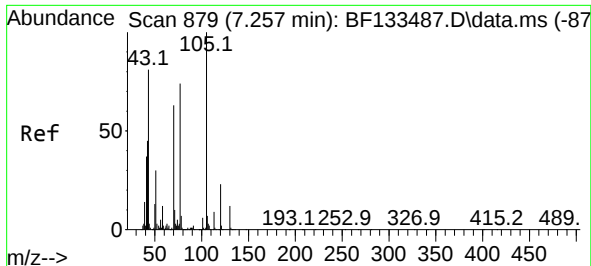
Supervised By :Jagrut
Upadhyay
05/31/2023



#18
Hexachloroethane
Concen: 51.386 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

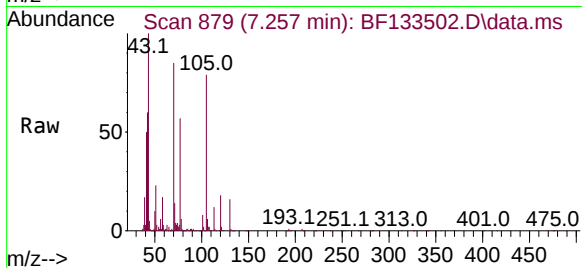
Tgt Ion:117 Resp: 152516
Ion Ratio Lower Upper
117 100
119 96.3 74.9 112.3
201 88.0 64.8 97.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.846 ng
RT: 7.257 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

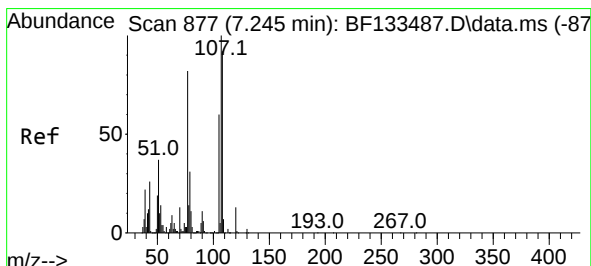
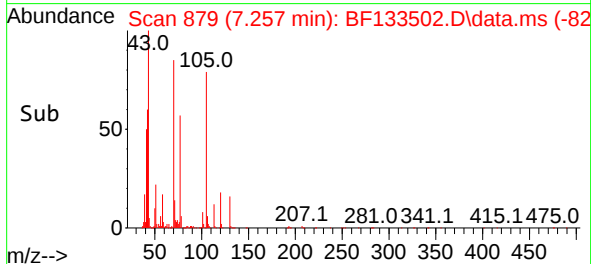
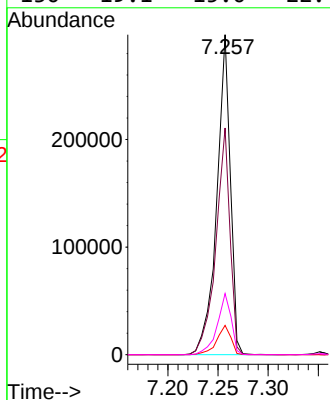
Instrument :
BNA_F
ClientSampleId :
PB153075BS



Tgt Ion: 70 Resp: 279558
Ion Ratio Lower Upper
70 100
42 70.8 57.2 85.8
101 9.1 7.3 10.9
130 19.1 15.0 22.4

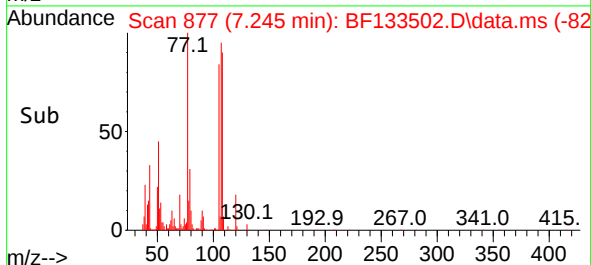
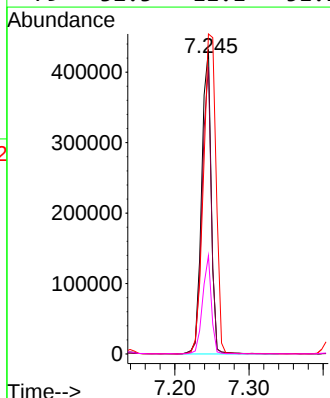
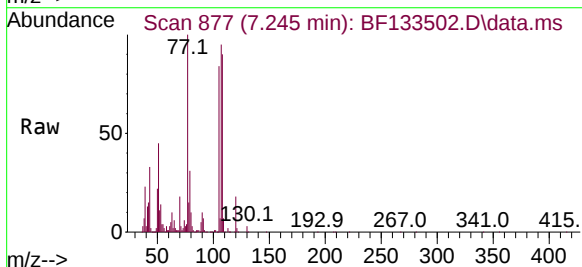
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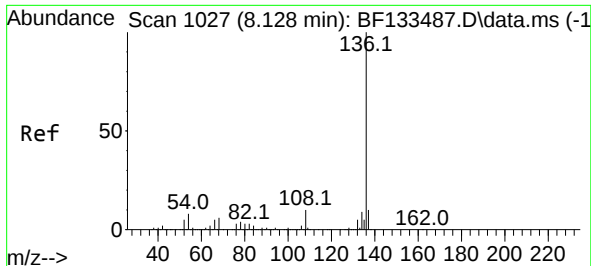
Reviewed By :Christian
Giraldo
05/30/2023
Supervised By :Jagrut
Upadhyay
05/31/2023



#20
3+4-Methylphenols
Concen: 47.005 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:107 Resp: 388100
Ion Ratio Lower Upper
107 100
108 94.3 72.0 112.0
77 105.1 61.9 101.9#
79 32.3 11.1 51.1





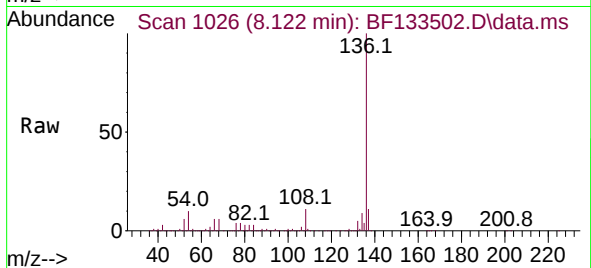
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

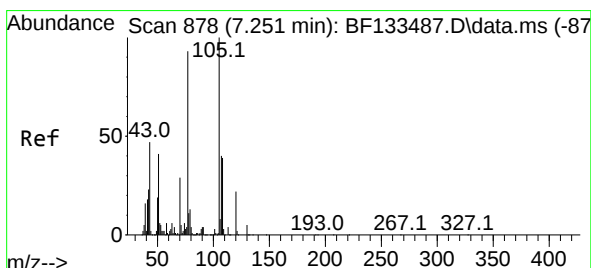
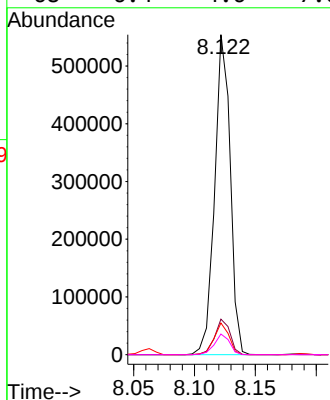
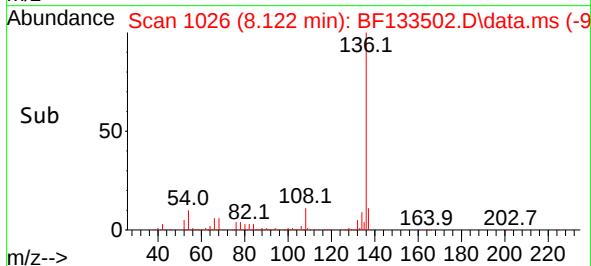


Tgt Ion:136 Resp: 49497
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 9.9 6.6 10.0
68 6.4 4.6 7.0

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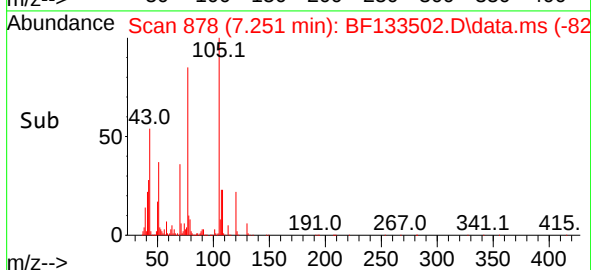
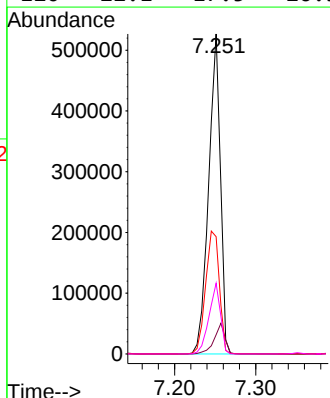
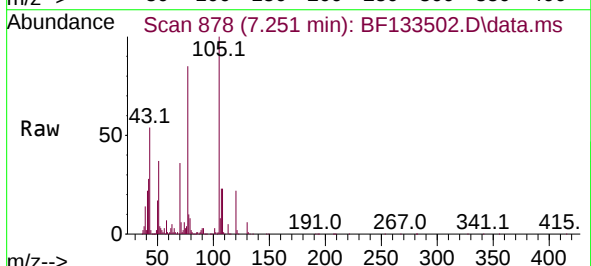
Reviewed By :Christian
Giraldo
05/30/2023

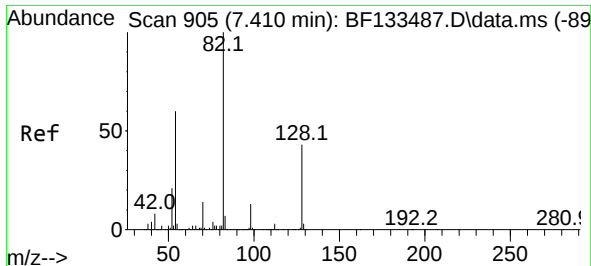
Supervised By :Jagrut
Upadhyay
05/31/2023



#22
Acetophenone
Concen: 46.442 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:105 Resp: 529378
Ion Ratio Lower Upper
105 100
71 6.0 3.8 5.8#
51 36.7 32.6 49.0
120 22.1 17.5 26.3





#23

Nitrobenzene-d5

Concen: 104.732 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133502.D

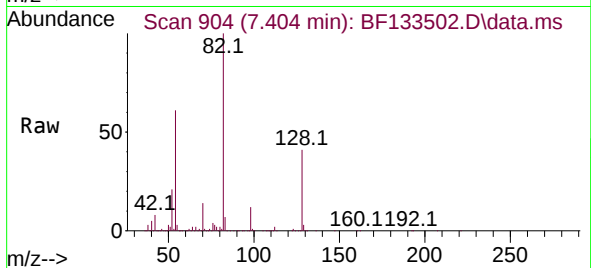
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS



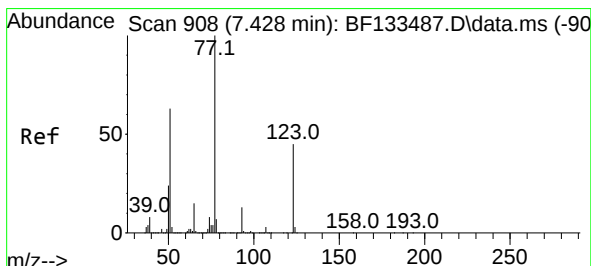
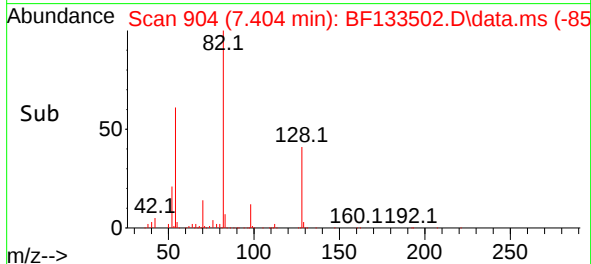
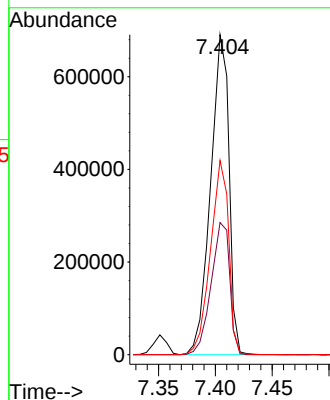
Tgt Ion: 82 Resp: 776409

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.2	51.4
54	60.7	48.2	72.4

Manual Integrations
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Reviewed By :Christian
Giraldo
05/30/2023

Supervised By :Jagrut
Upadhyay
05/31/2023



#24

Nitrobenzene

Concen: 52.463 ng

RT: 7.428 min Scan# 908

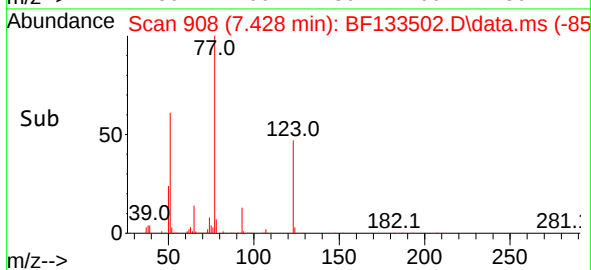
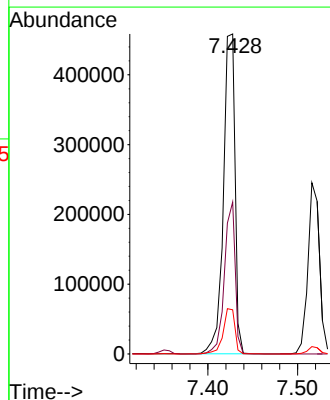
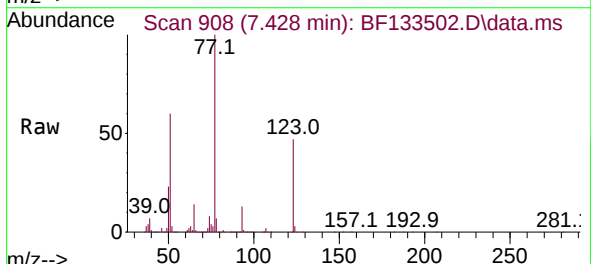
Delta R.T. -0.000 min

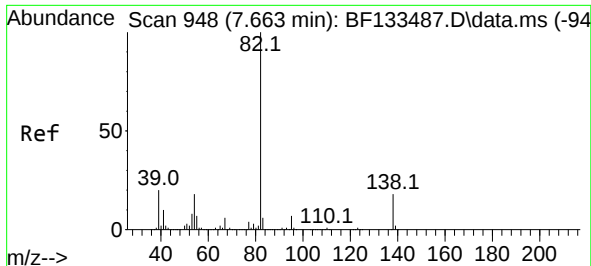
Lab File: BF133502.D

Acq: 26 May 2023 16:50

Tgt Ion: 77 Resp: 414404

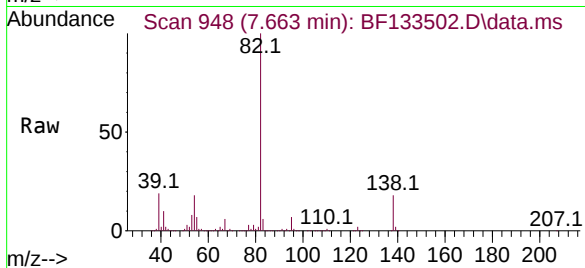
Ion	Ratio	Lower	Upper
77	100		
123	47.5	35.8	53.8
65	13.8	11.8	17.8





#25
Isophorone
Concen: 45.110 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

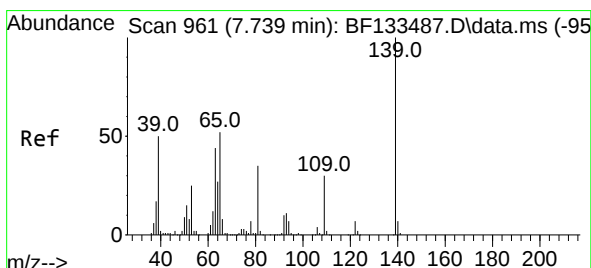
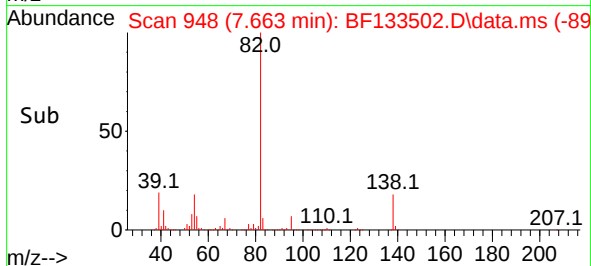
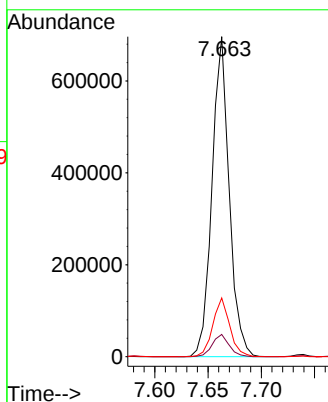
Instrument :
BNA_F
ClientSampleId :
PB153075BS



Tgt Ion: 82 Resp: 779370
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.3 14.2 21.4

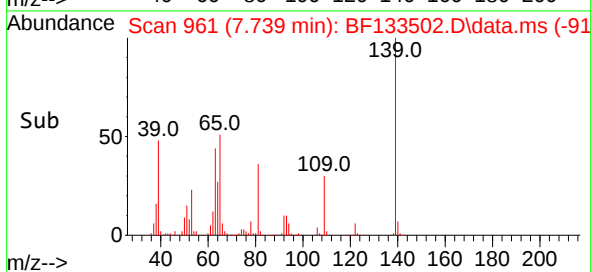
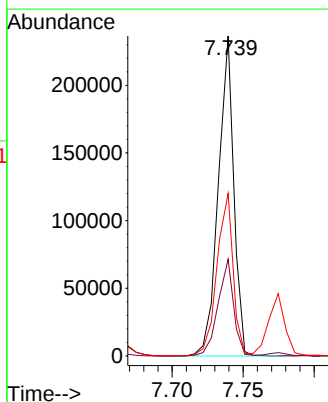
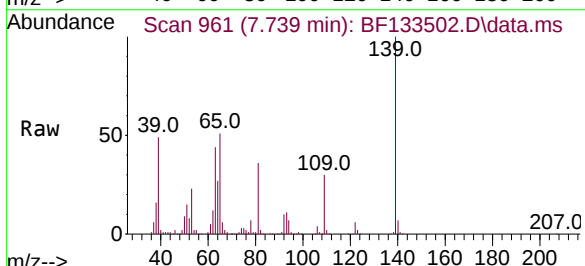
Manual Integrations
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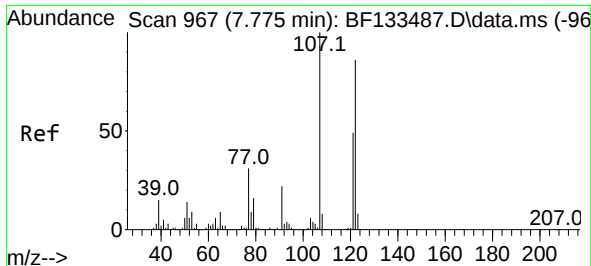
Reviewed By :Christian
Giraldo
05/30/2023
Supervised By :Jagrut
Upadhyay
05/31/2023



#26
2-Nitrophenol
Concen: 49.344 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:139 Resp: 179134
Ion Ratio Lower Upper
139 100
109 30.3 24.0 36.0
65 50.8 41.7 62.5





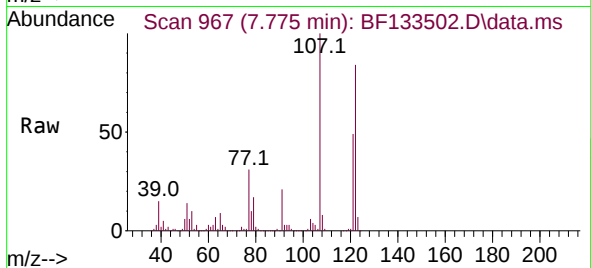
#27
2,4-Dimethylphenol
Concen: 45.497 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

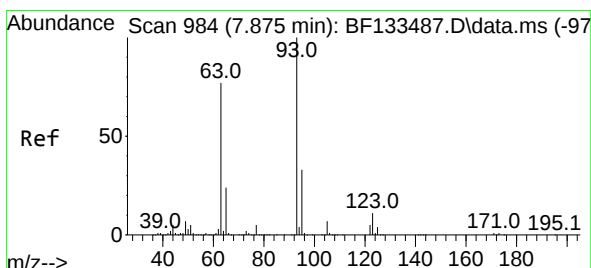
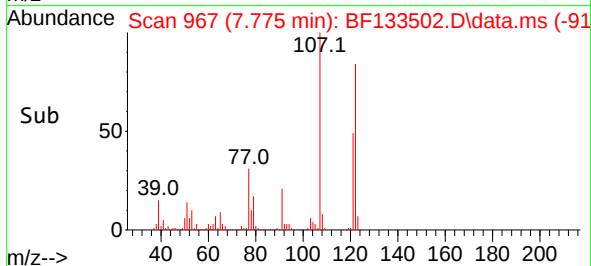
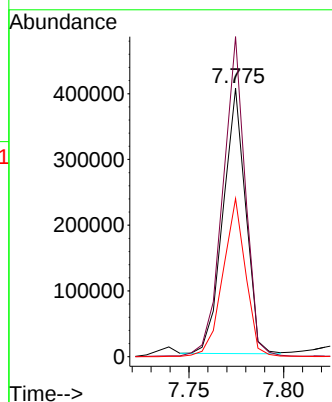


Tgt Ion:122 Resp: 334458
Ion Ratio Lower Upper
122 100
107 119.2 93.4 140.0
121 58.9 45.6 68.4

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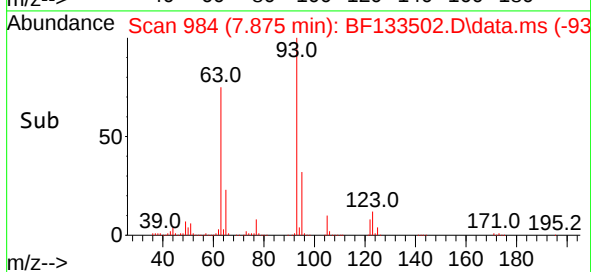
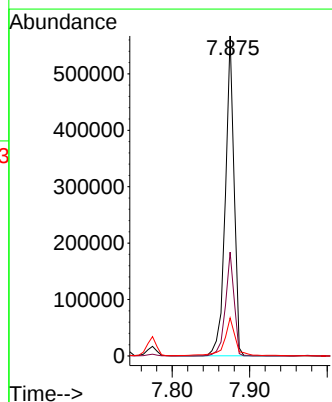
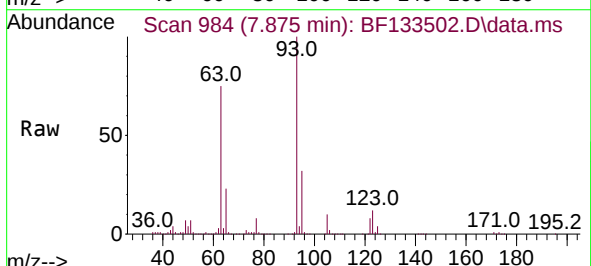
Reviewed By :Christian
Giraldo
05/30/2023

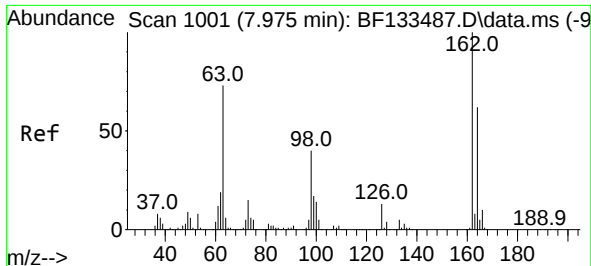
Supervised By :Jagrut
Upadhyay
05/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.331 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion: 93 Resp: 444133
Ion Ratio Lower Upper
93 100
95 32.4 26.8 40.2
123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.430 ng

RT: 7.980 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF133502.D

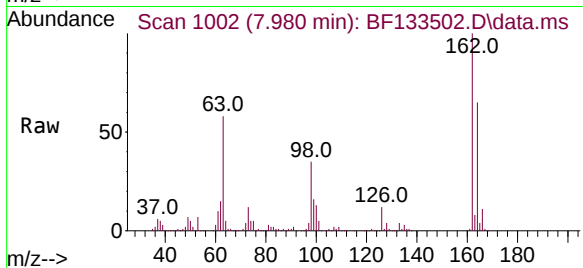
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS



Tgt Ion:162 Resp: 313689

Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.2	82.2
98	35.1	19.7	59.7

Manual Integrations
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Reviewed By :Christian

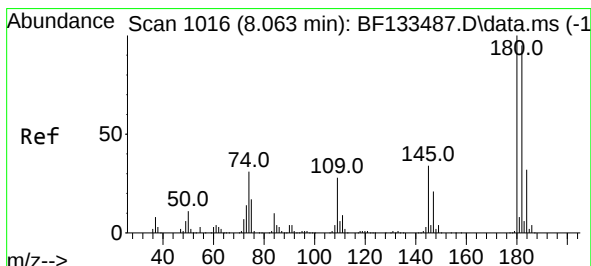
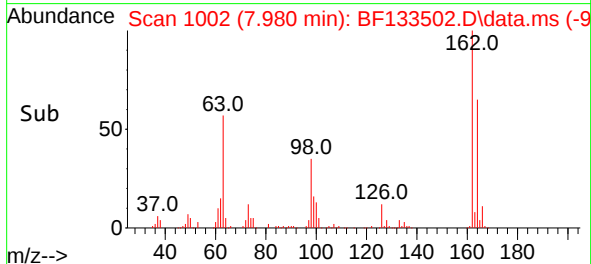
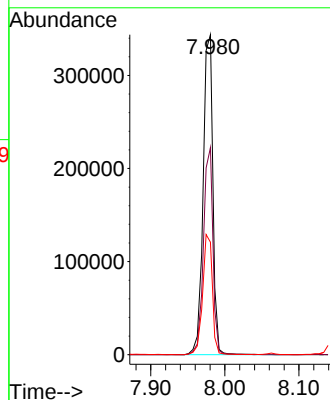
Giraldo

05/30/2023

Supervised By :Jagrut

Upadhyay

05/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.885 ng

RT: 8.063 min Scan# 1016

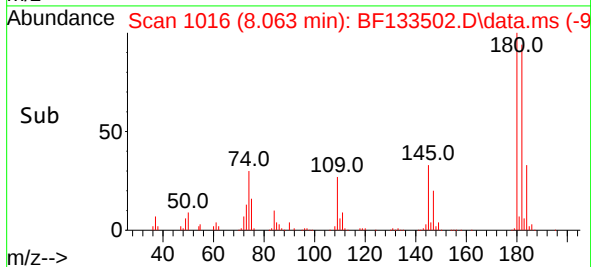
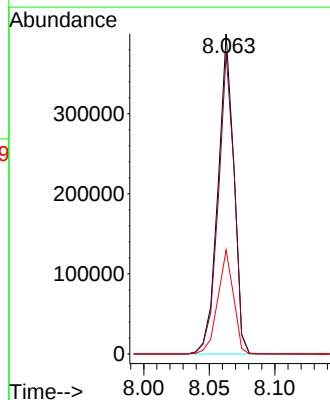
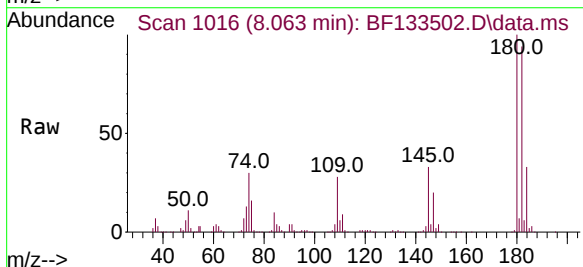
Delta R.T. -0.000 min

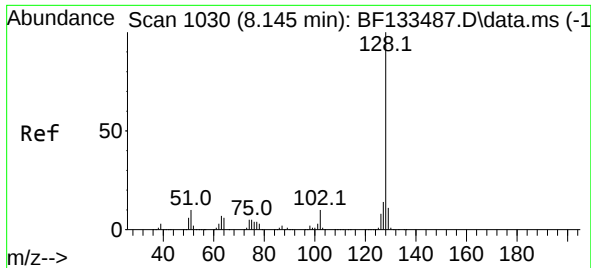
Lab File: BF133502.D

Acq: 26 May 2023 16:50

Tgt Ion:180 Resp: 335401

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.1	114.1
145	32.5	27.0	40.4





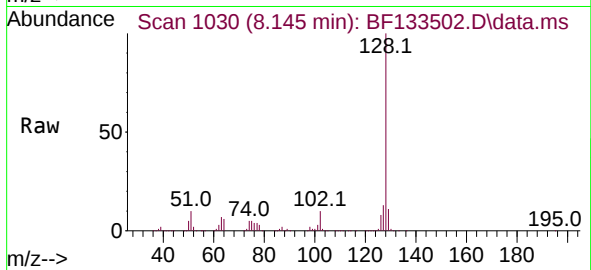
#31
Naphthalene
Concen: 45.703 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

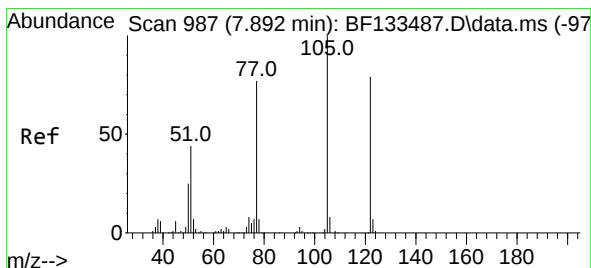
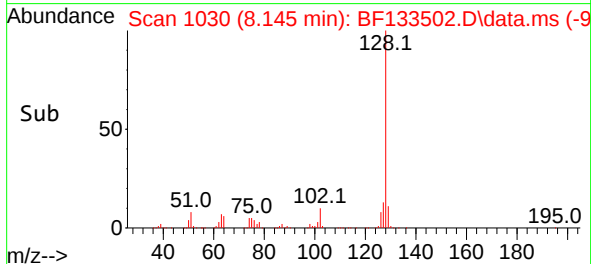
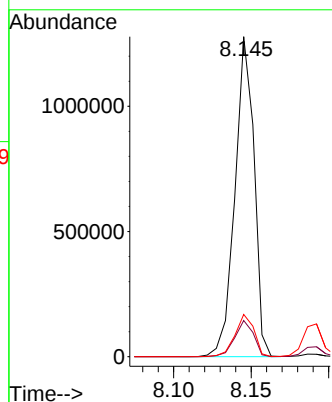


Tgt Ion:128 Resp: 109674
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 10.9 16.3

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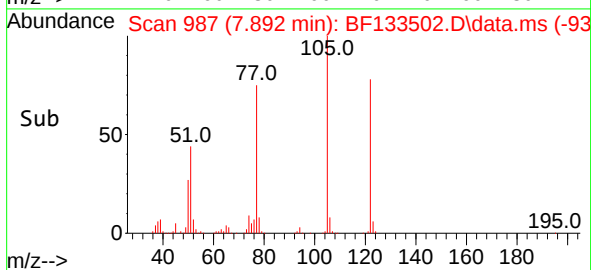
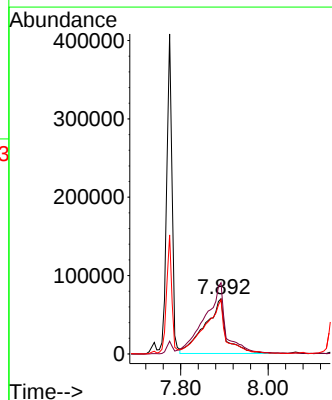
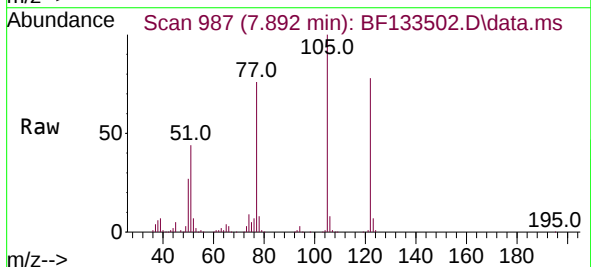
Reviewed By :Christian
Giraldo
05/30/2023

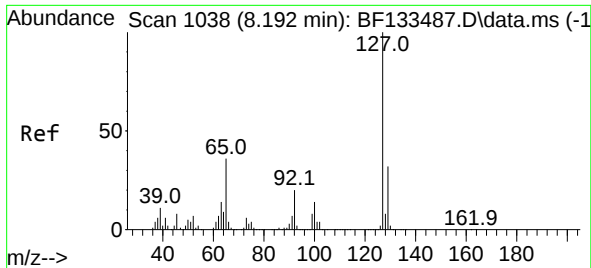
Supervised By :Jagrut
Upadhyay
05/31/2023



#32
Benzoic acid
Concen: 48.807 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:122 Resp: 237043
Ion Ratio Lower Upper
122 100
105 129.0 103.3 143.3
77 98.3 75.7 115.7





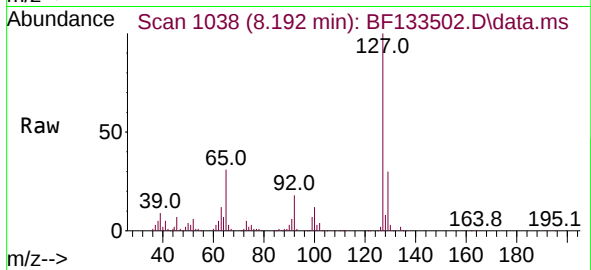
#33
4-Chloroaniline
Concen: 11.624 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

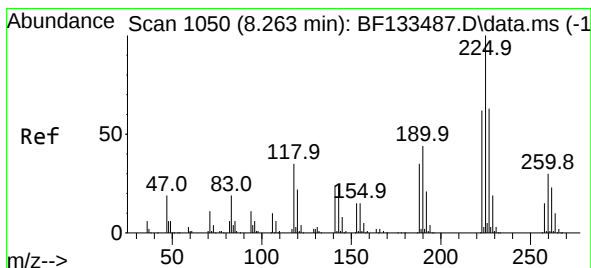
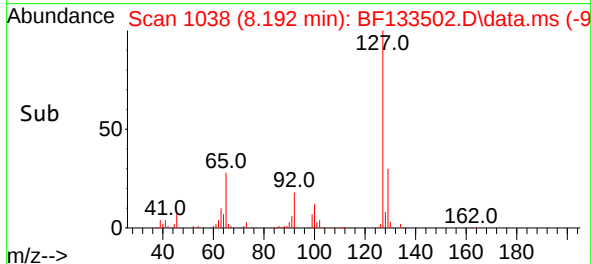
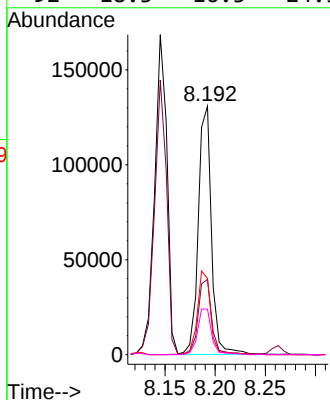


Tgt Ion:127 Resp: 11955
Ion Ratio Lower Upper
127 100
129 30.3 25.9 38.9
65 30.7 29.0 43.6
92 18.3 16.3 24.5

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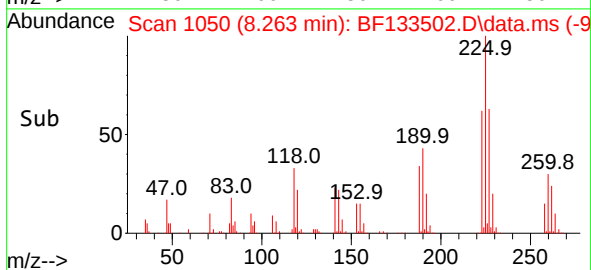
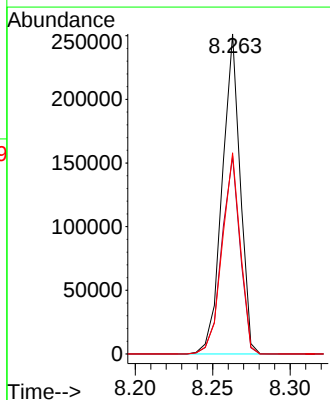
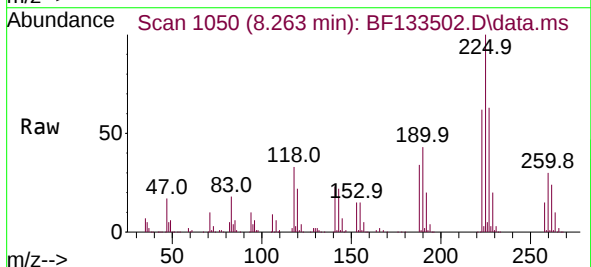
Reviewed By :Christian
Giraldo
05/30/2023

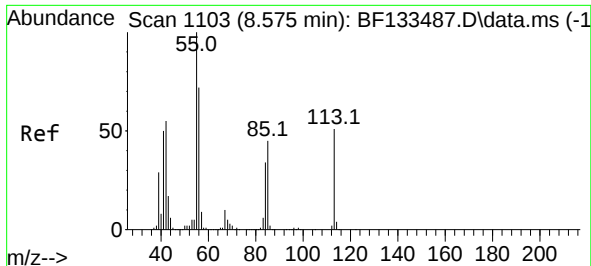
Supervised By :Jagrut
Upadhyay
05/31/2023



#34
Hexachlorobutadiene
Concen: 46.548 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:225 Resp: 202553
Ion Ratio Lower Upper
225 100
223 61.7 49.8 74.8
227 62.9 50.2 75.4





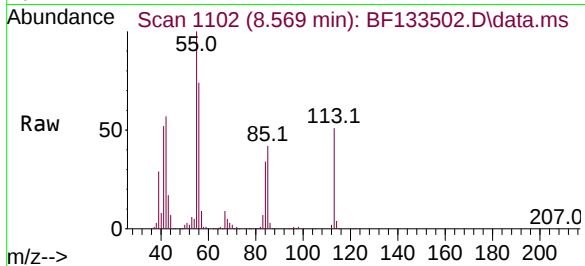
#35
Caprolactam
Concen: 53.811 ng m
RT: 8.569 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

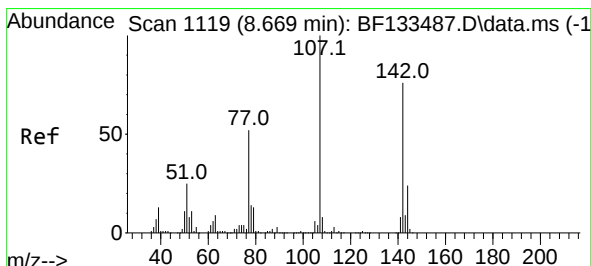
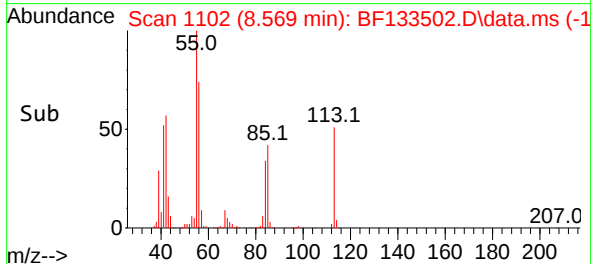
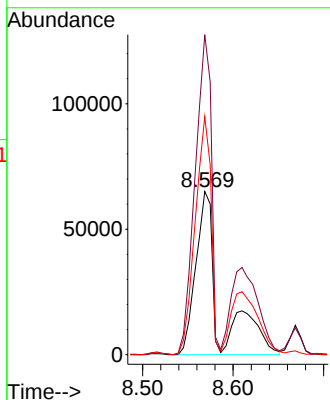


Tgt Ion:113 Resp: 116718
Ion Ratio Lower Upper
113 100
55 196.0 177.5 217.5
56 145.8 122.3 162.3

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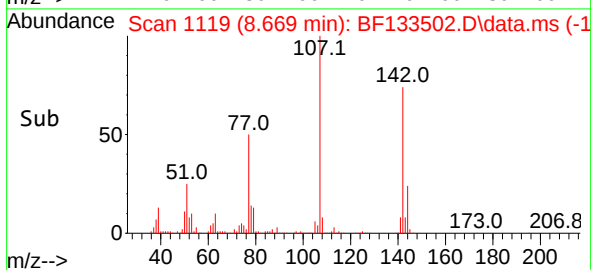
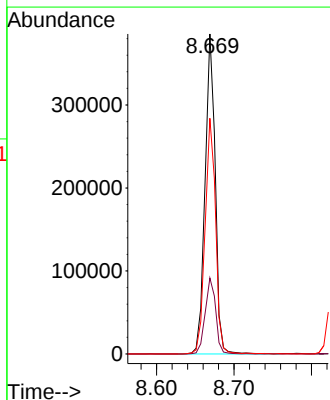
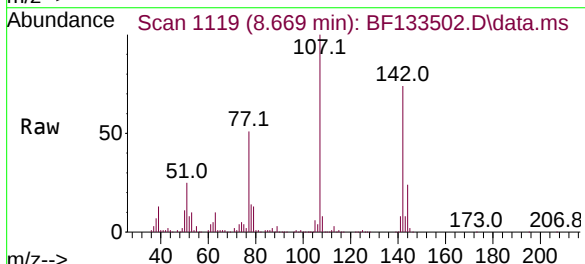
Reviewed By :Christian
Giraldo
05/30/2023

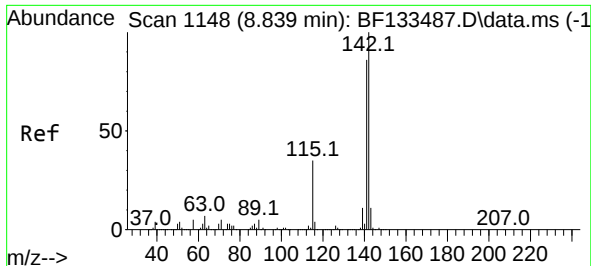
Supervised By :Jagrut
Upadhyay
05/31/2023



#36
4-Chloro-3-methylphenol
Concen: 47.397 ng
RT: 8.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:107 Resp: 351146
Ion Ratio Lower Upper
107 100
144 23.7 19.4 29.0
142 73.7 60.5 90.7





#37
2-Methylnaphthalene
Concen: 43.419 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

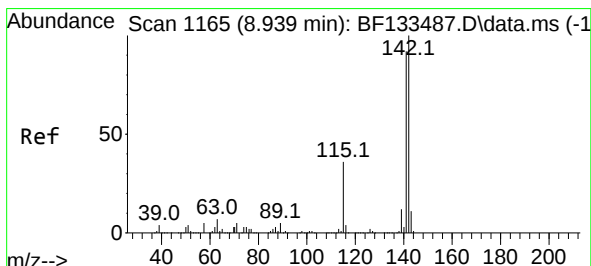
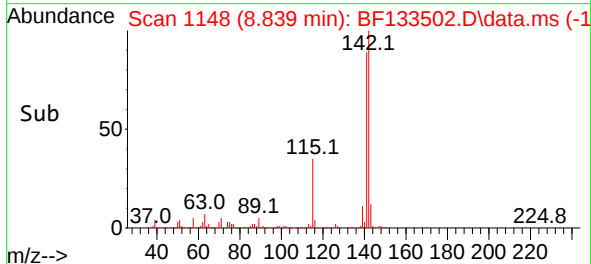
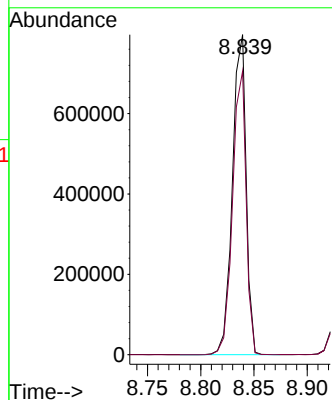
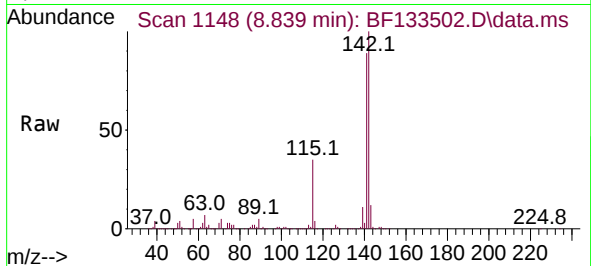
PB153075BS

Tgt Ion:142 Resp: 71138
Ion Ratio Lower Upper
142 100
141 88.6 69.2 103.8

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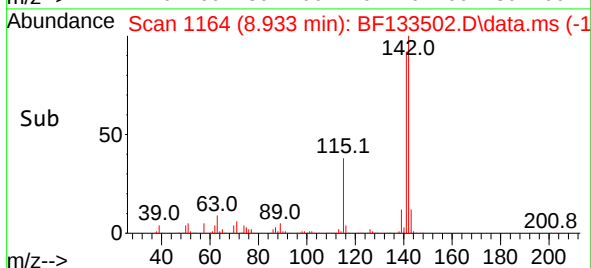
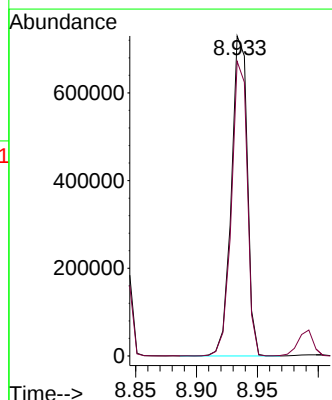
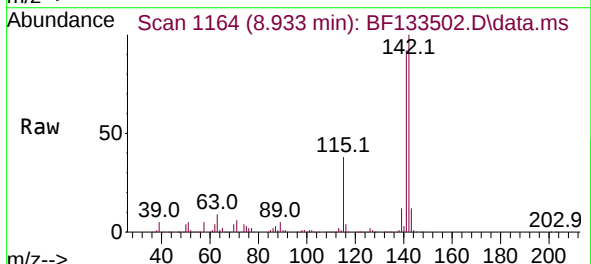
Reviewed By :Christian
Giraldo
05/30/2023

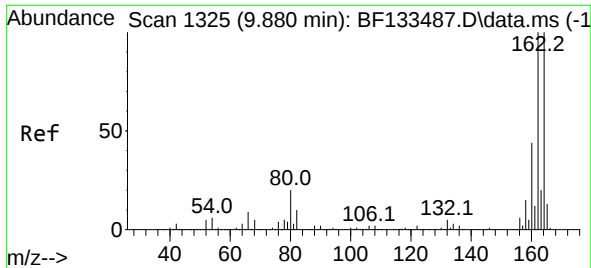
Supervised By :Jagrut
Upadhyay
05/31/2023



#38
1-Methylnaphthalene
Concen: 43.636 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:142 Resp: 666445
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4





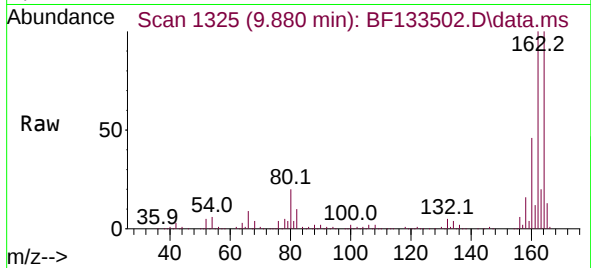
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

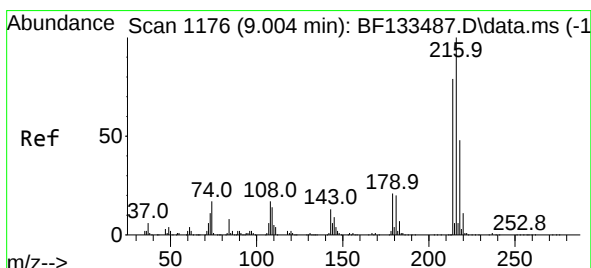
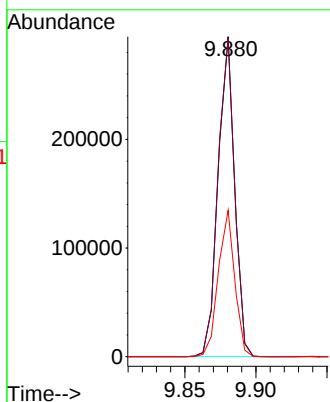
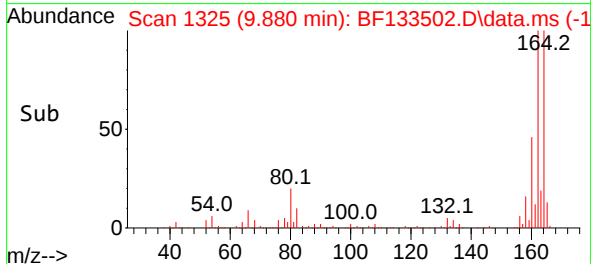


Tgt Ion:164 Resp: 23763
Ion Ratio Lower Upper
164 100
162 99.6 79.7 119.5
160 45.7 35.4 53.0

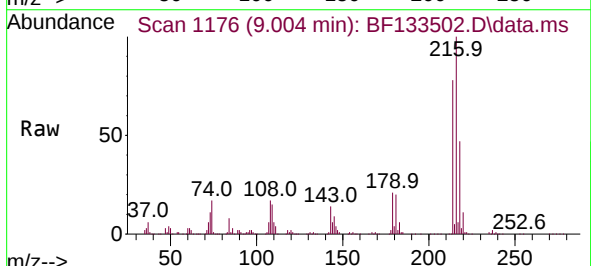
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Reviewed By :Christian
Giraldo
05/30/2023

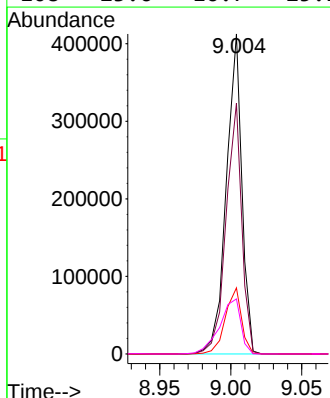
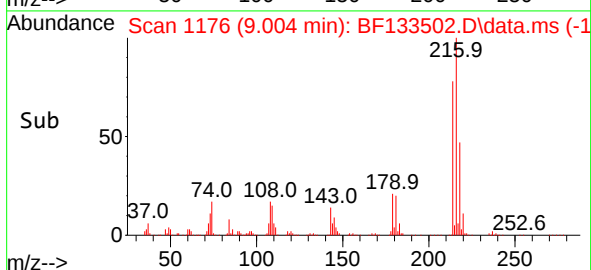
Supervised By :Jagrut
Upadhyay
05/31/2023

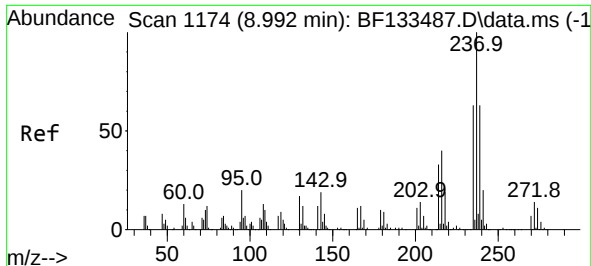


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.472 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



Tgt Ion:216 Resp: 313218
Ion Ratio Lower Upper
216 100
214 78.9 63.2 94.8
179 21.6 17.3 25.9
108 23.6 16.7 25.1





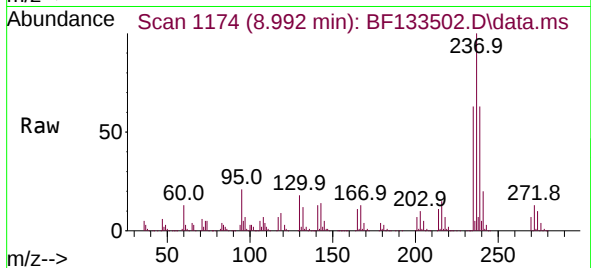
#41
Hexachlorocyclopentadiene
Concen: 108.948 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

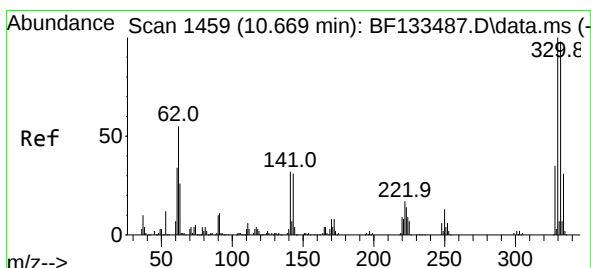
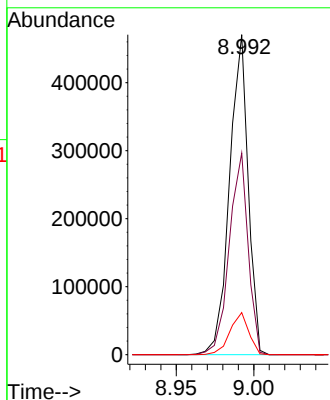
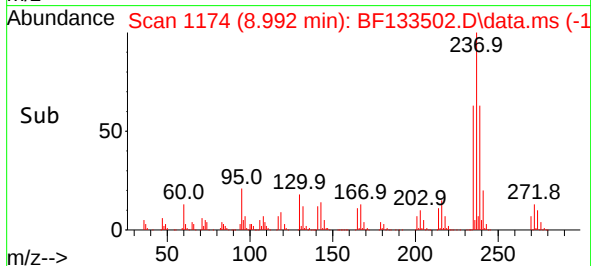


Tgt Ion:237 Resp: 393223
Ion Ratio Lower Upper
237 100
235 63.0 43.0 83.0
272 13.2 0.0 33.5

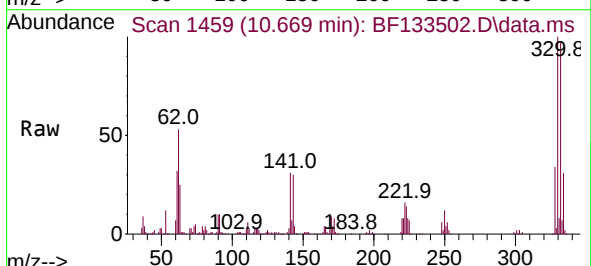
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
05/30/2023

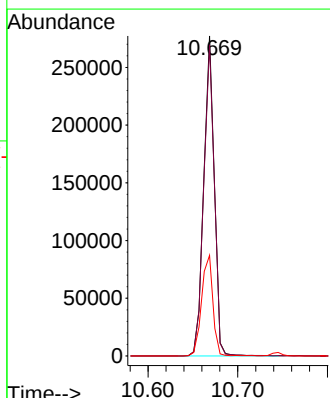
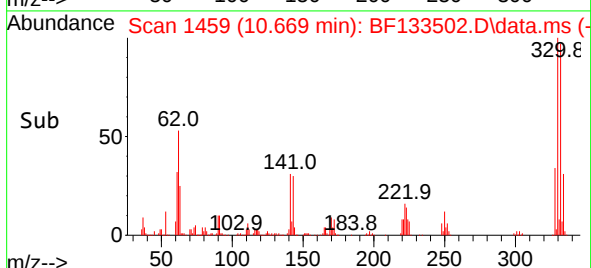
Supervised By :Jagrut
Upadhyay
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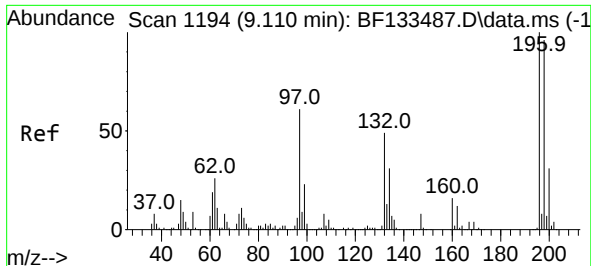


#42
2,4,6-Tribromophenol
Concen: 95.643 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



Tgt Ion:330 Resp: 226553
Ion Ratio Lower Upper
330 100
332 98.3 77.8 116.6
141 33.8 26.6 40.0





#43

2,4,6-Trichlorophenol

Concen: 48.464 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF133502.D

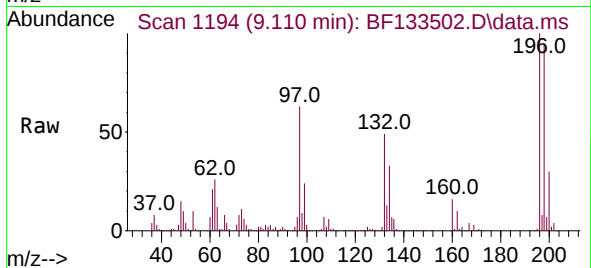
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:196 Resp: 218414

Ion Ratio Lower Upper

196 100

198 94.7 76.6 115.0

200 29.6 24.6 37.0

Manual Integrations

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Reviewed By :Christian

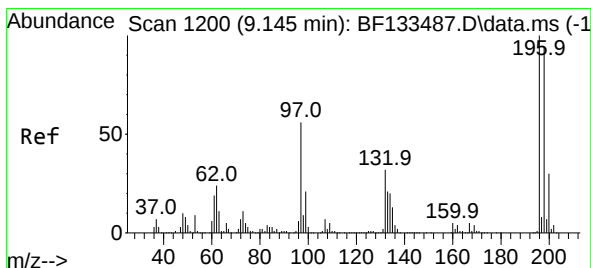
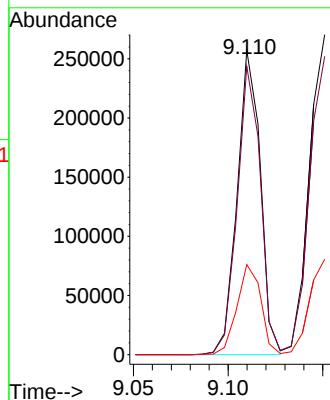
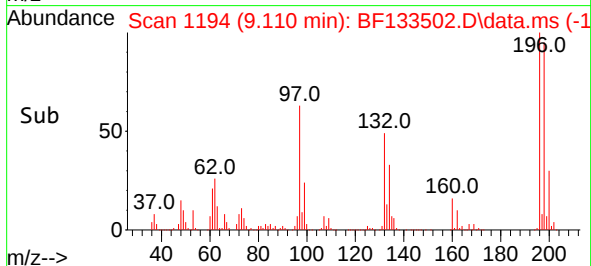
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#44

2,4,5-Trichlorophenol

Concen: 45.416 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Tgt Ion:196 Resp: 237570

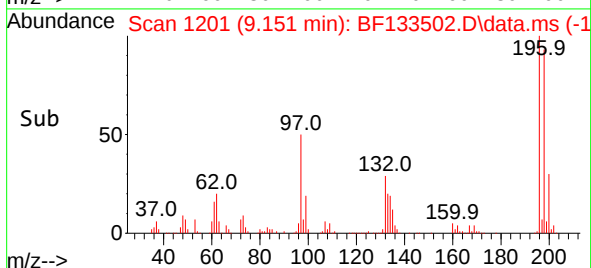
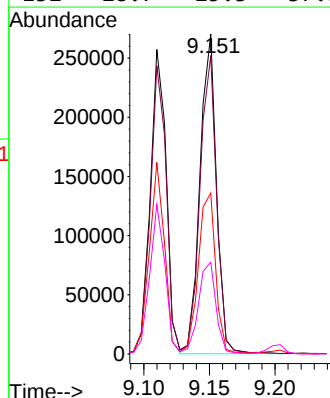
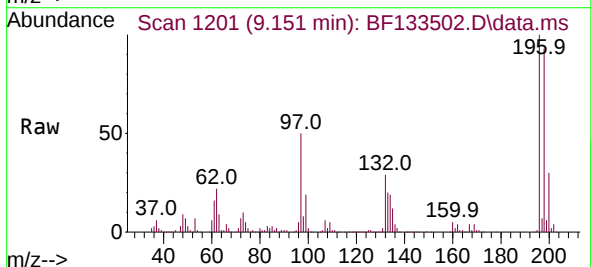
Ion Ratio Lower Upper

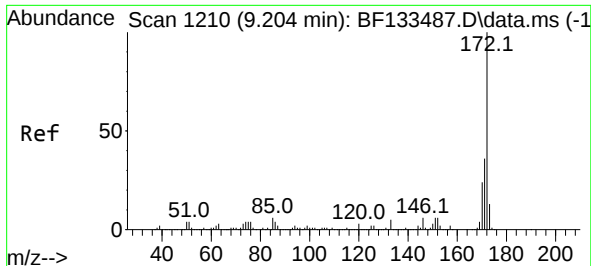
196 100

198 93.3 75.3 112.9

97 50.3 44.9 67.3

132 28.7 25.3 37.9





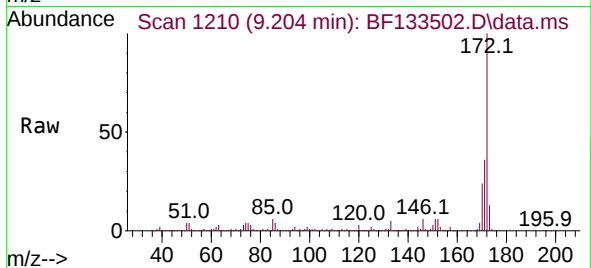
#45
2-Fluorobiphenyl
Concen: 87.805 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

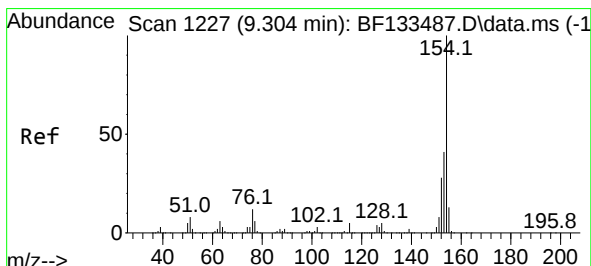
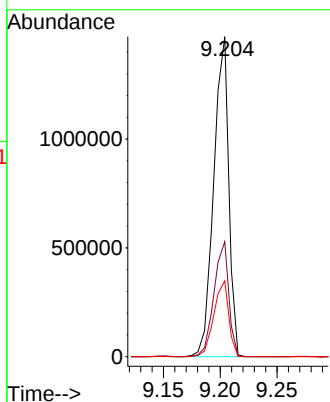
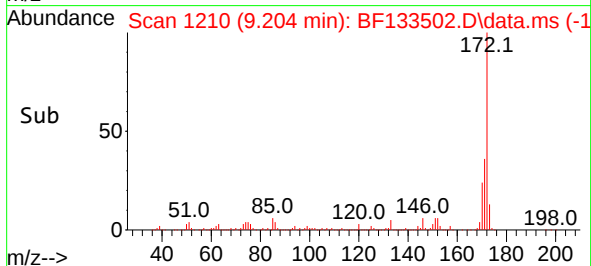


Tgt Ion:172 Resp: 1351858
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.7 19.3 28.9

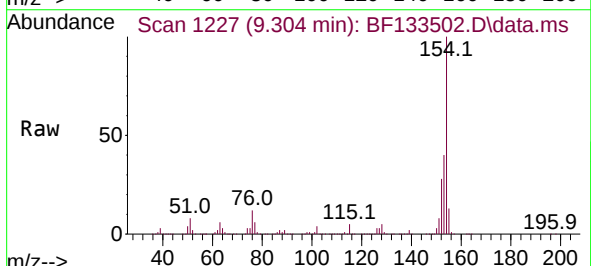
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
05/30/2023

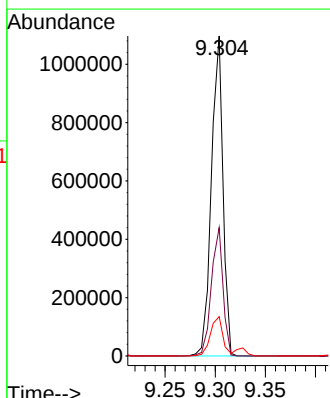
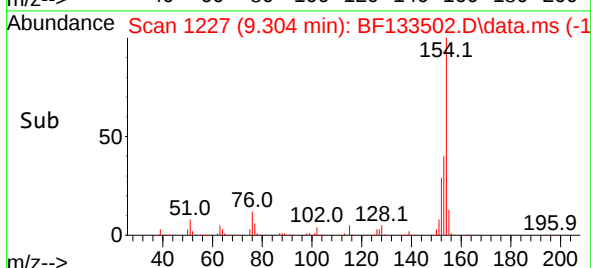
Supervised By :Jagrut
Upadhyay
05/31/2023

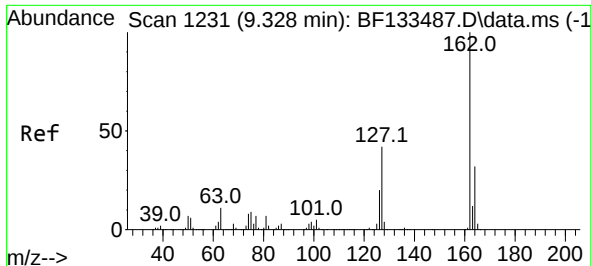


#46
1,1'-Biphenyl
Concen: 45.708 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



Tgt Ion:154 Resp: 882457
Ion Ratio Lower Upper
154 100
153 40.1 21.0 61.0
76 12.3 0.0 32.5





#47

2-Chloronaphthalene

Concen: 46.333 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.001 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

Tgt Ion:162 Resp: 648300

Ion Ratio Lower Upper

162 100

127 43.2 33.2 49.8

164 32.9 26.0 39.0

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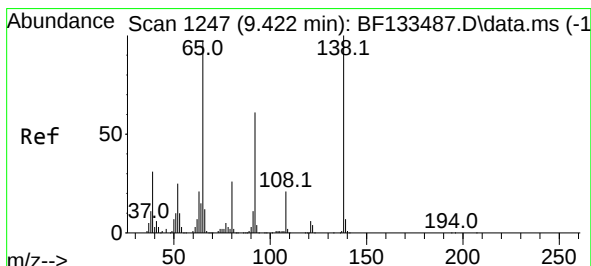
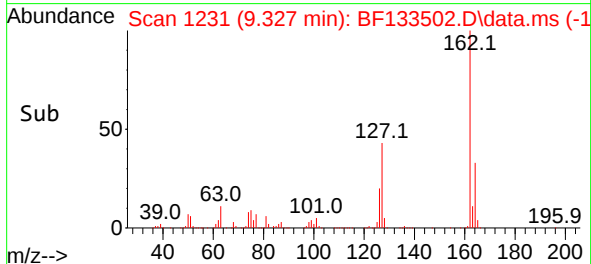
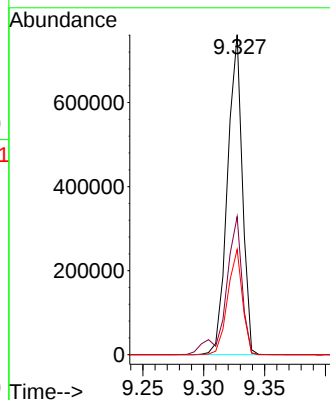
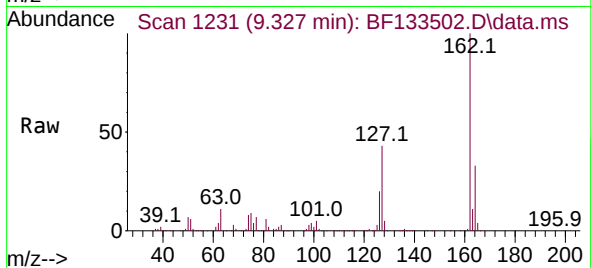
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#48

2-Nitroaniline

Concen: 48.242 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

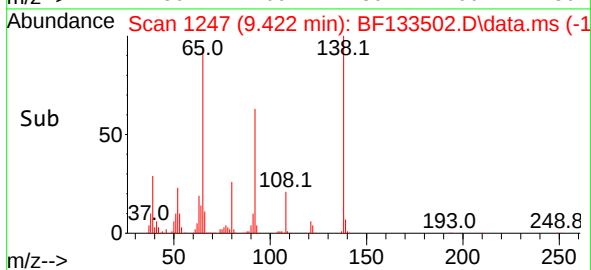
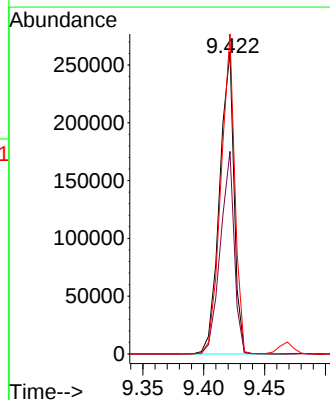
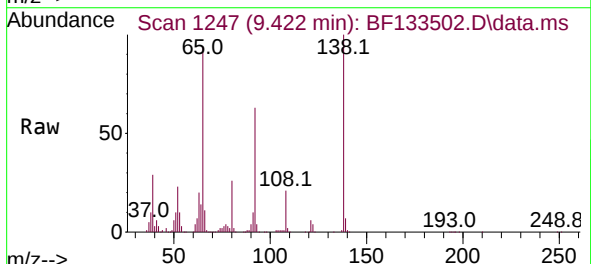
Tgt Ion: 65 Resp: 216816

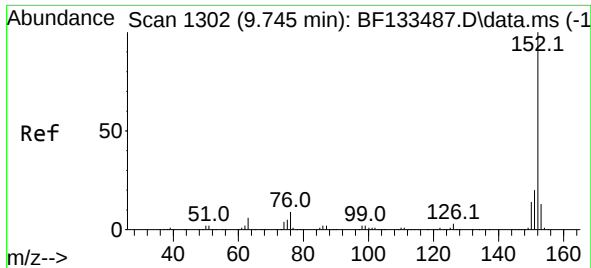
Ion Ratio Lower Upper

65 100

92 67.0 50.8 76.2

138 105.8 82.6 124.0





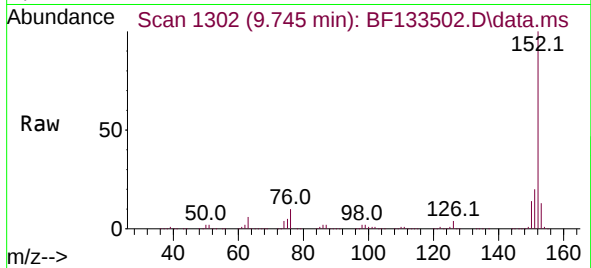
#49
Acenaphthylene
Concen: 45.731 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

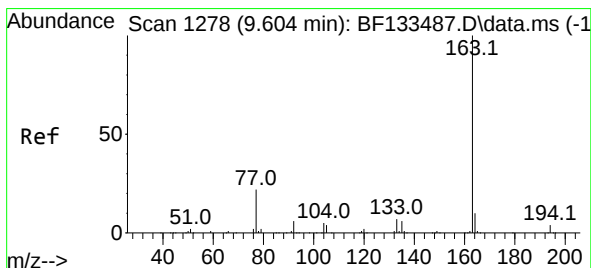
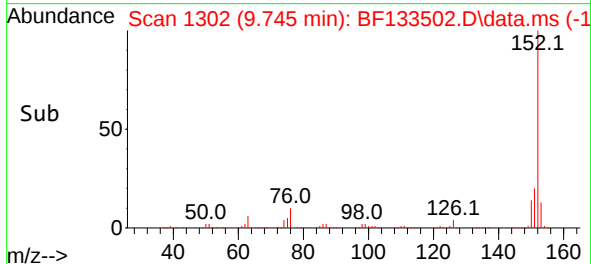
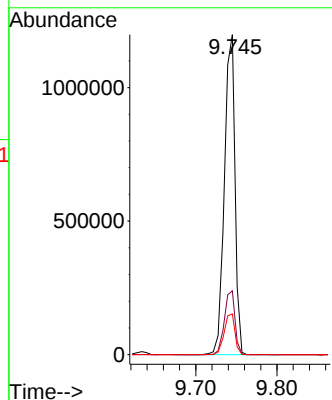


Tgt Ion:152 Resp: 1091958
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 12.7 10.4 15.6

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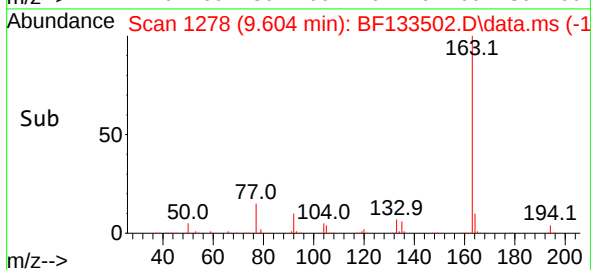
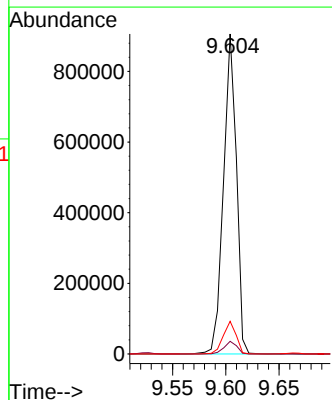
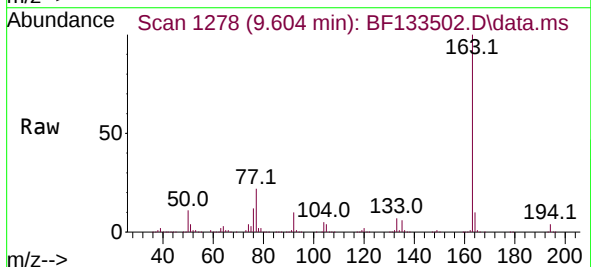
Reviewed By :Christian
Giraldo
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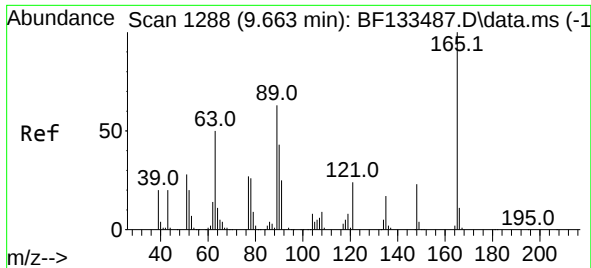
Supervised By :Jagrut
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05/31/2023



#50
Dimethylphthalate
Concen: 45.470 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:163 Resp: 759424
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.230 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

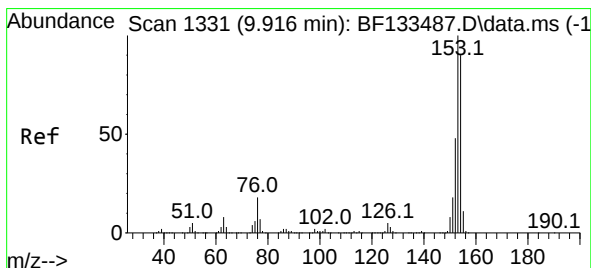
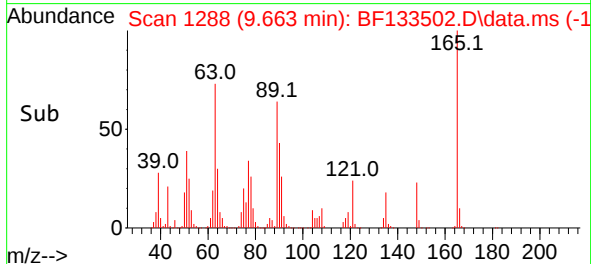
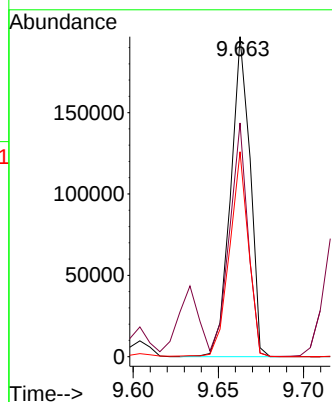
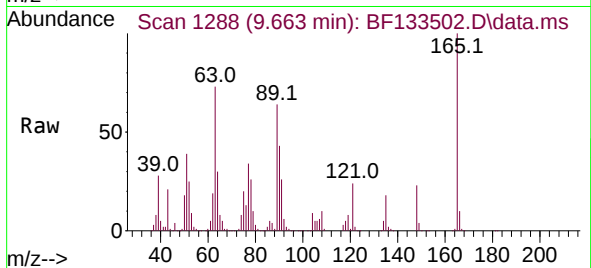
PB153075BS

Tgt Ion:165 Resp: 156654
Ion Ratio Lower Upper
165 100
63 73.1 57.0 85.4
89 64.1 50.8 76.2

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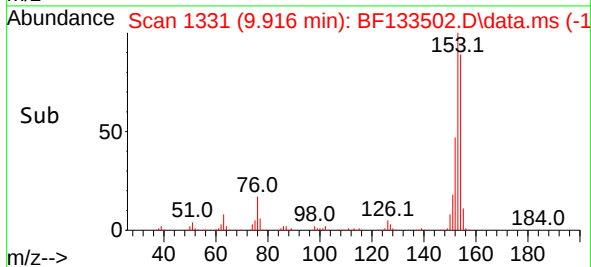
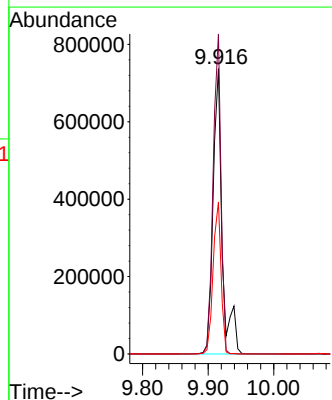
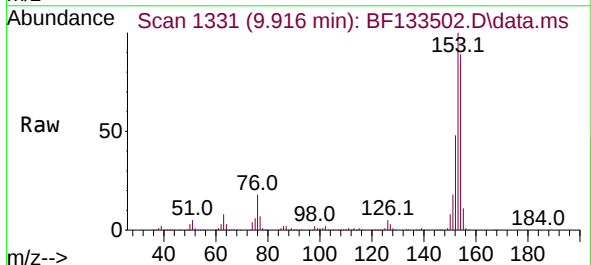
Reviewed By :Christian
Giraldo
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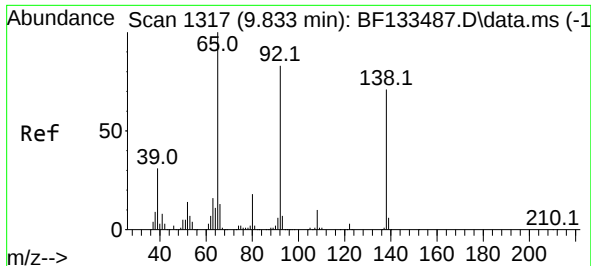
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05/31/2023



#52
Acenaphthene
Concen: 49.542 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:154 Resp: 716582
Ion Ratio Lower Upper
154 100
153 112.2 89.2 133.8
152 53.3 43.1 64.7





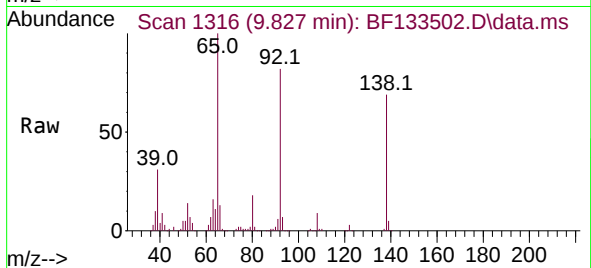
#53
3-Nitroaniline
Concen: 27.831 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

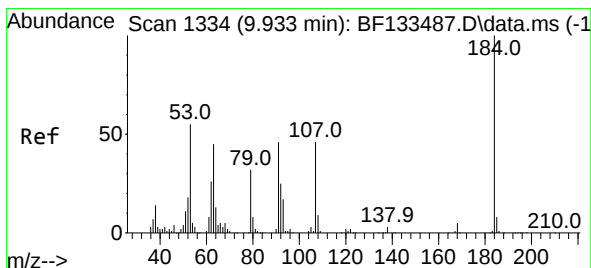
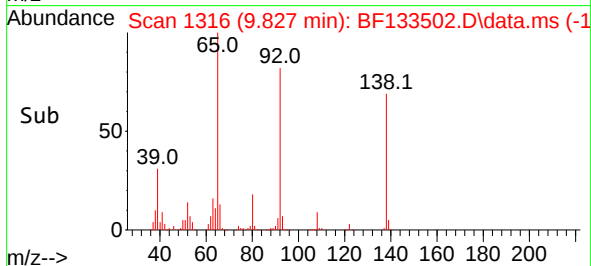
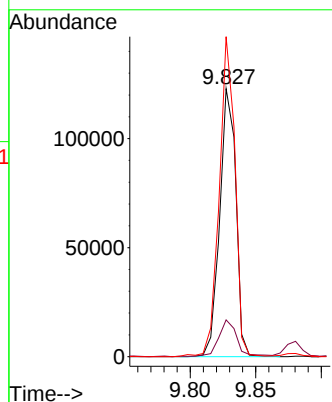


Tgt Ion:138 Resp: 105098
Ion Ratio Lower Upper
138 100
108 13.7 11.9 17.9
92 119.4 93.1 139.7

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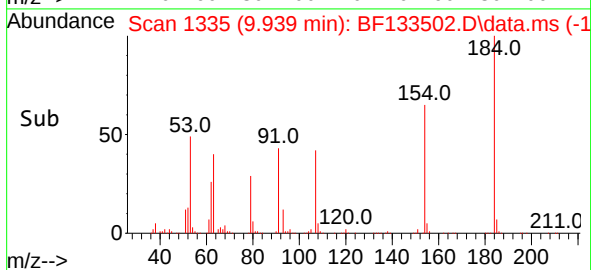
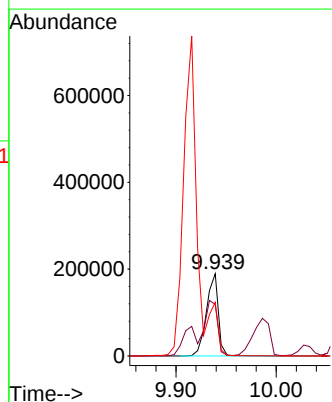
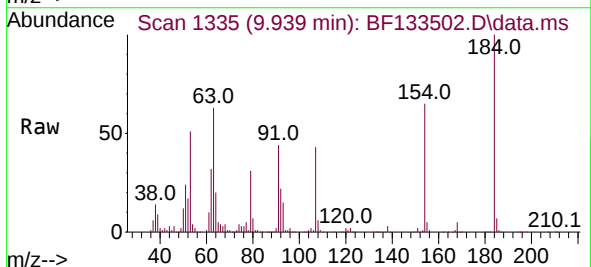
Reviewed By :Christian
Giraldo
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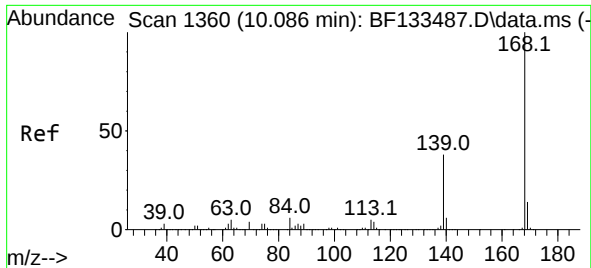
Supervised By :Jagrut
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#54
2,4-Dinitrophenol
Concen: 91.303 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:184 Resp: 156010
Ion Ratio Lower Upper
184 100
63 62.7 55.7 83.5
154 65.2 49.3 73.9





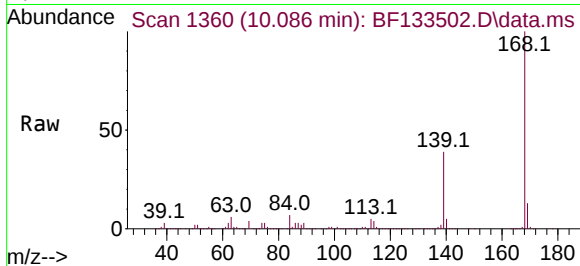
#55
Dibenzofuran
Concen: 45.095 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

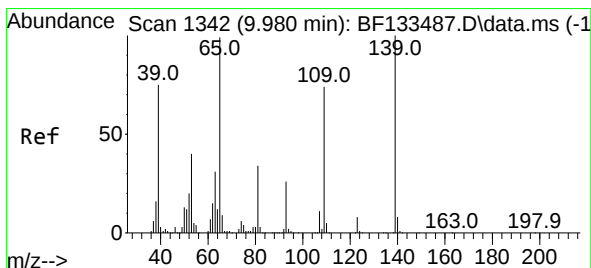
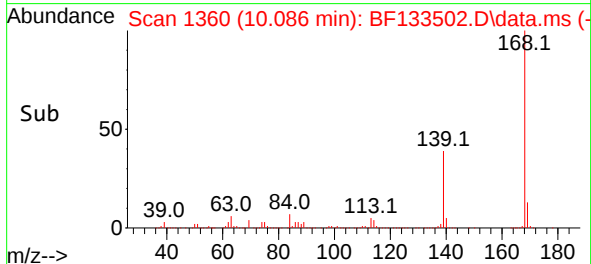
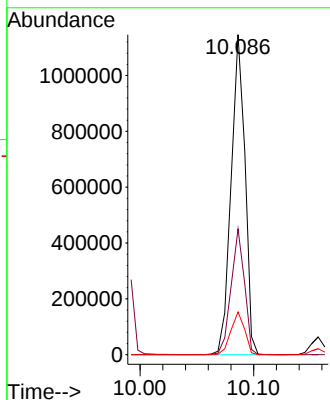


Tgt Ion:168 Resp: 97041
Ion Ratio Lower Upper
168 100
139 39.3 30.6 46.0
169 13.4 10.9 16.3

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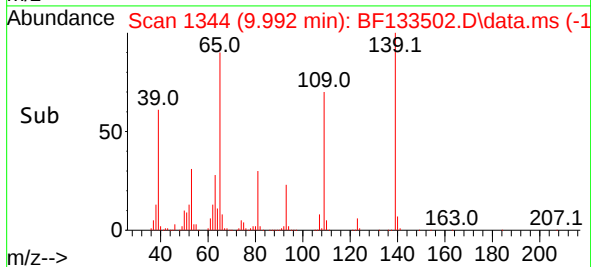
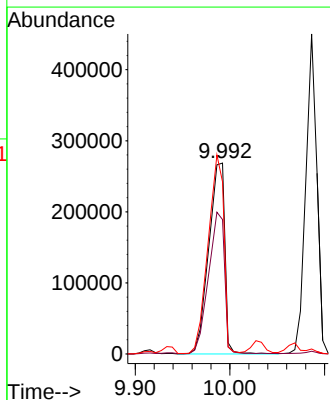
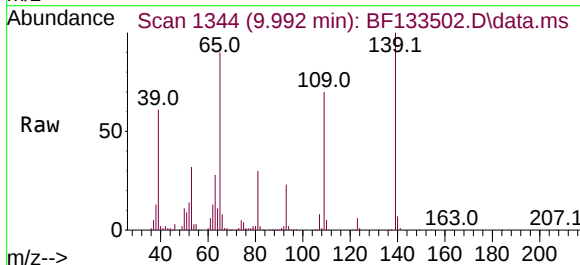
Reviewed By :Christian
Giraldo
05/30/2023

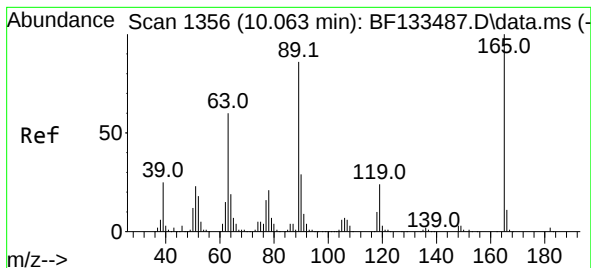
Supervised By :Jagrut
Upadhyay
05/31/2023



#56
4-Nitrophenol
Concen: 110.905 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:139 Resp: 316906
Ion Ratio Lower Upper
139 100
109 70.4 54.5 94.5
65 90.2 79.5 119.5





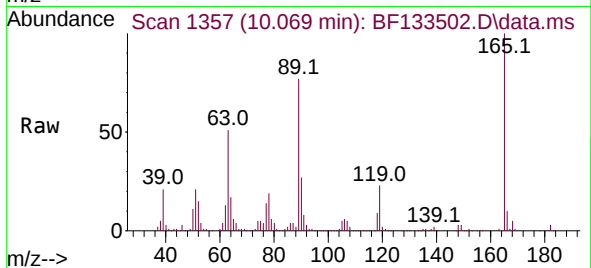
#57
2,4-Dinitrotoluene
Concen: 51.324 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

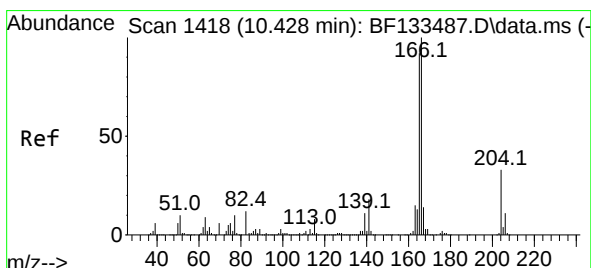
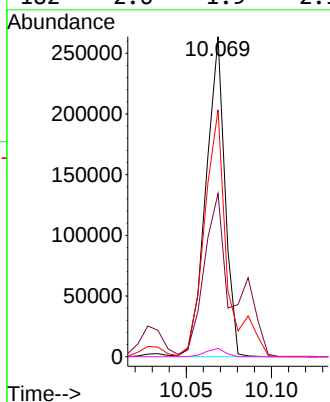


Tgt Ion:165 Resp: 203719
Ion Ratio Lower Upper
165 100
63 51.0 48.1 72.1
89 77.2 68.4 102.6
182 2.6 1.9 2.9

Manual Integrations
APPROVED

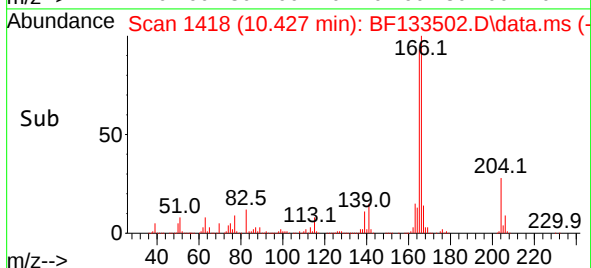
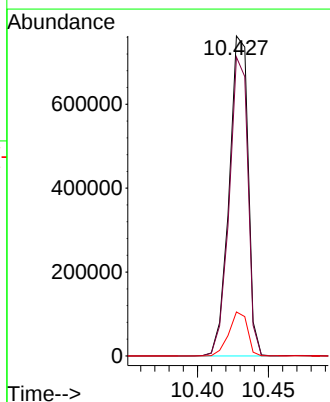
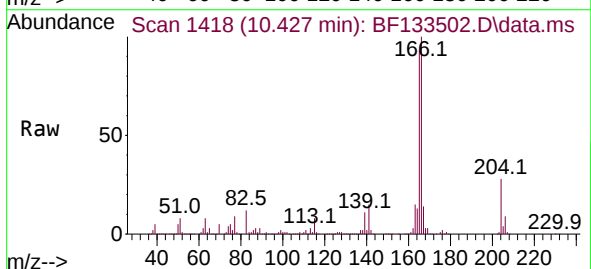
Reviewed By :Christian
Giraldo
05/30/2023

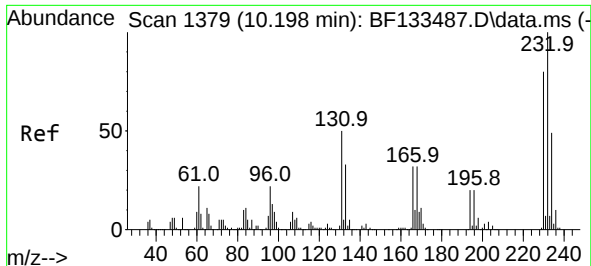
Supervised By :Jagrut
Upadhyay
05/31/2023



#58
Fluorene
Concen: 44.949 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

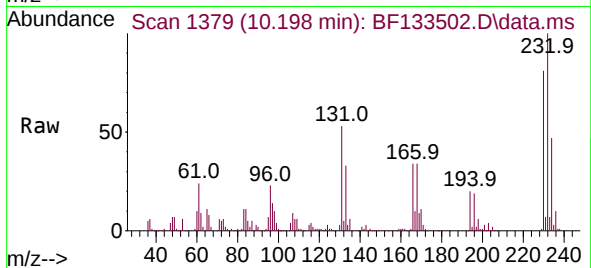
Tgt Ion:166 Resp: 708676
Ion Ratio Lower Upper
166 100
165 93.4 73.4 110.0
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.719 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

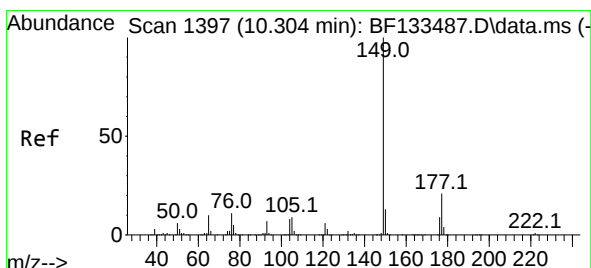
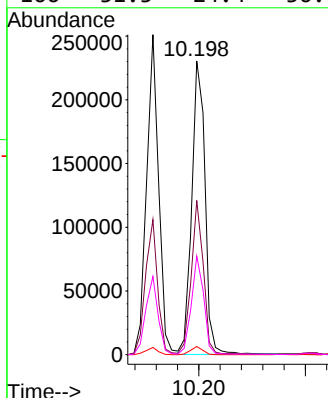
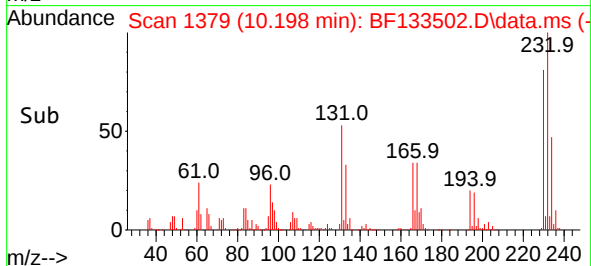
Instrument :
BNA_F
ClientSampleId :
PB153075BS



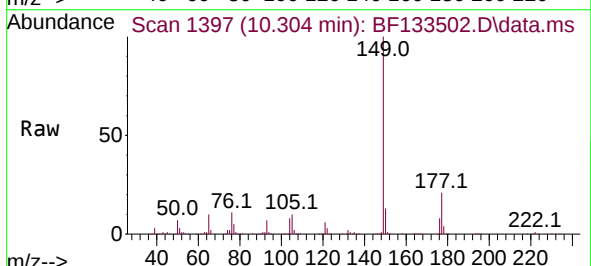
Tgt Ion:232 Resp: 19981
Ion Ratio Lower Upper
232 100
131 48.1 37.9 56.9
130 2.5 1.8 2.6
166 31.3 24.4 36.6

Manual Integrations
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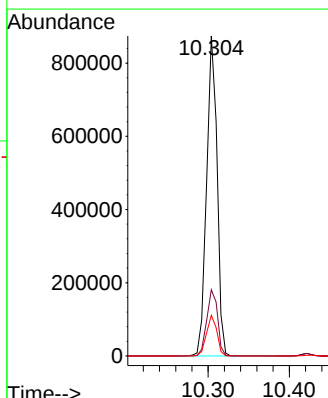
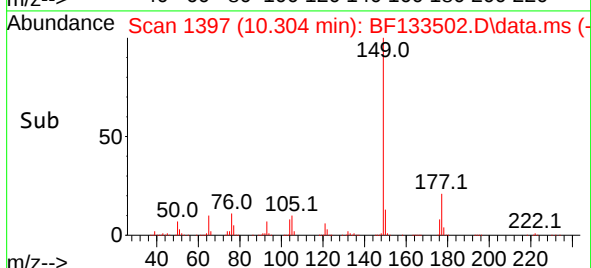
Reviewed By :Christian
Giraldo
05/30/2023
Supervised By :Jagrut
Upadhyay
05/31/2023

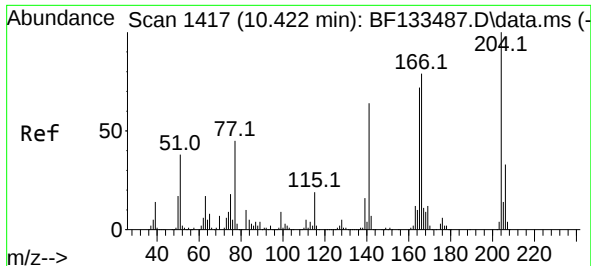


#60
Diethylphthalate
Concen: 45.060 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



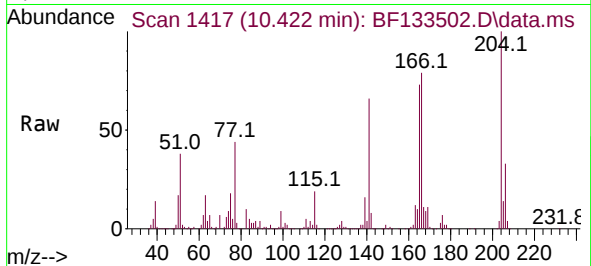
Tgt Ion:149 Resp: 781249
Ion Ratio Lower Upper
149 100
177 20.7 17.1 25.7
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.277 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.001 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

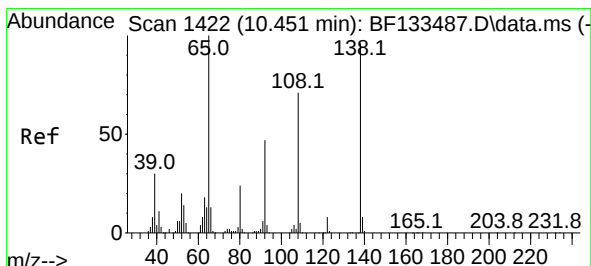
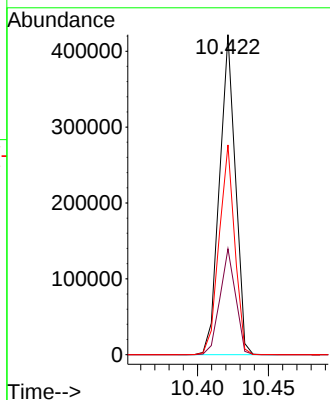
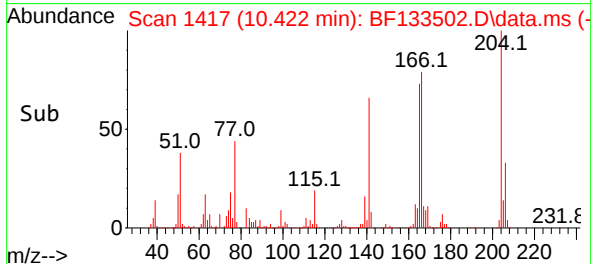
Instrument :
BNA_F
ClientSampleId :
PB153075BS



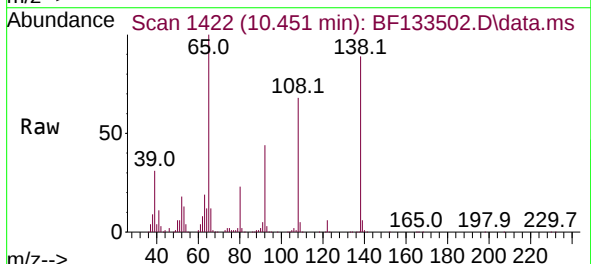
Tgt Ion:204 Resp: 32762
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 65.5 51.4 77.2

Manual Integrations
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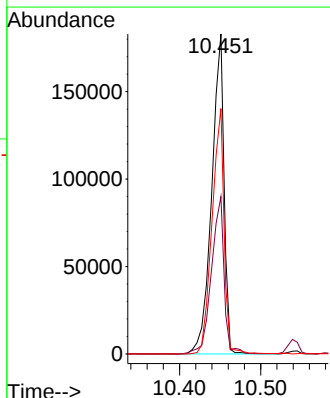
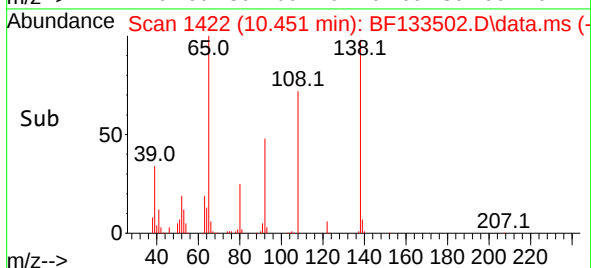
Reviewed By :Christian
Giraldo
05/30/2023
Supervised By :Jagrut
Upadhyay
05/31/2023

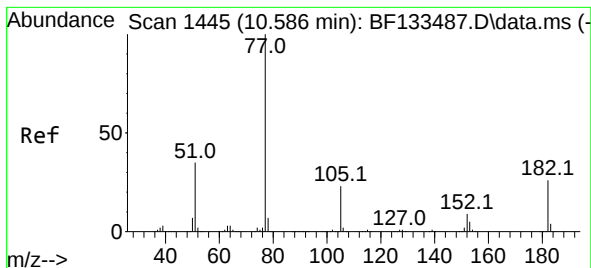


#62
4-Nitroaniline
Concen: 47.977 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



Tgt Ion:138 Resp: 192456
Ion Ratio Lower Upper
138 100
92 49.1 28.4 68.4
108 76.7 54.2 94.2





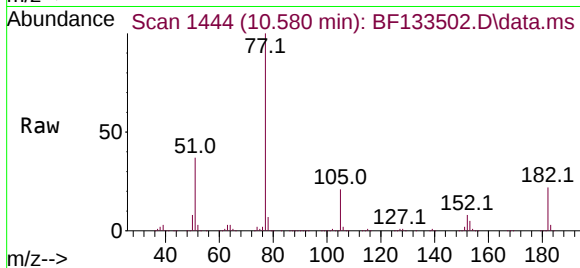
#63
Azobenzene
Concen: 44.390 ng
RT: 10.580 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

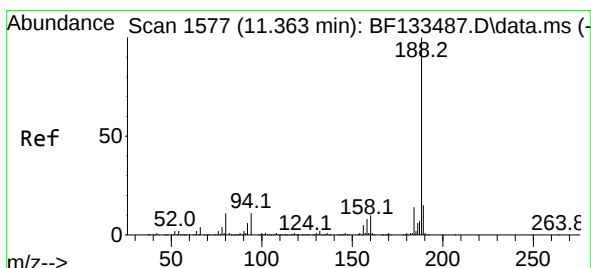
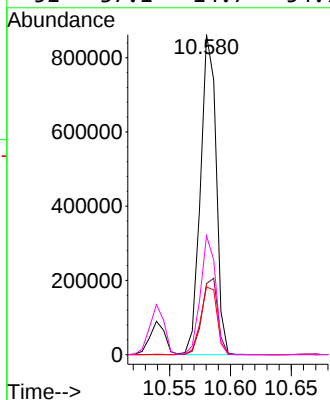
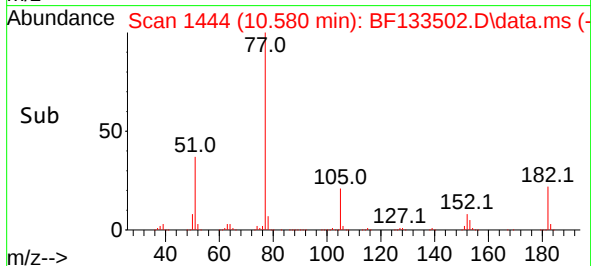


Tgt Ion: 77 Resp: 770389
Ion Ratio Lower Upper
77 100
182 22.2 5.6 45.6
105 21.1 2.6 42.6
51 37.1 14.7 54.7

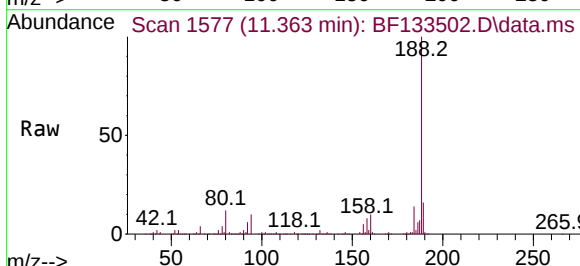
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
05/30/2023

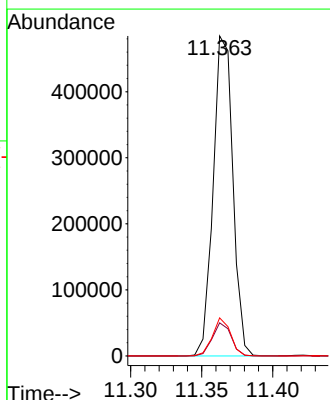
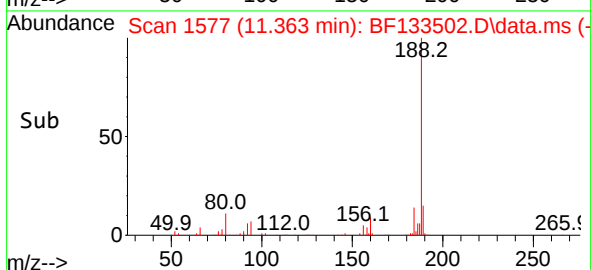
Supervised By :Jagrut
Upadhyay
05/31/2023

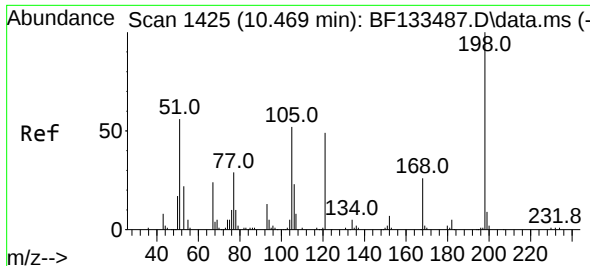


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



Tgt Ion:188 Resp: 467174
Ion Ratio Lower Upper
188 100
94 10.4 8.6 12.8
80 11.9 9.2 13.8





#65
4,6-Dinitro-2-methylphenol
Concen: 52.200 ng
RT: 10.474 min Scan# 1425
Delta R.T. 0.005 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

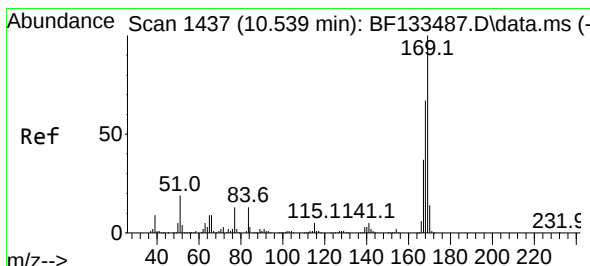
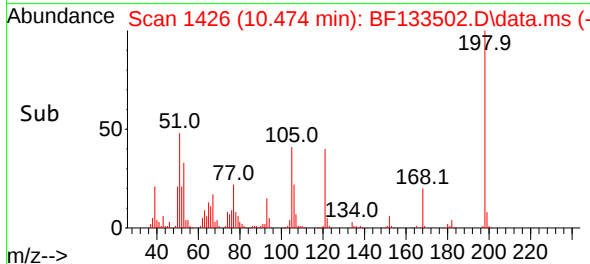
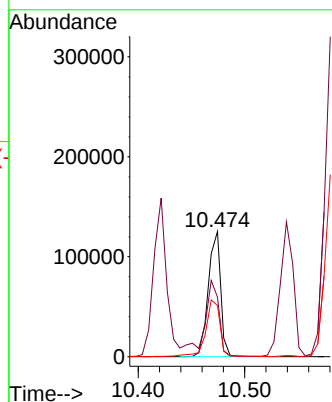
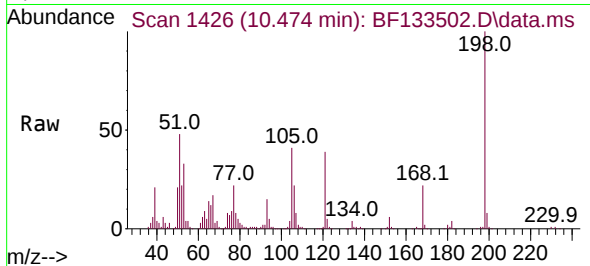
PB153075BS

Tgt Ion:198 Resp: 101500
Ion Ratio Lower Upper
198 100
51 47.6 53.6 93.6
105 40.9 35.9 75.9

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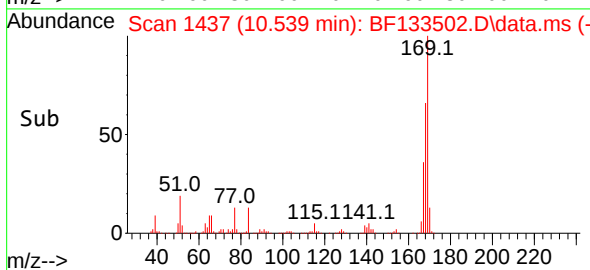
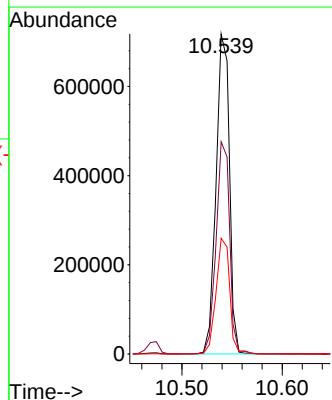
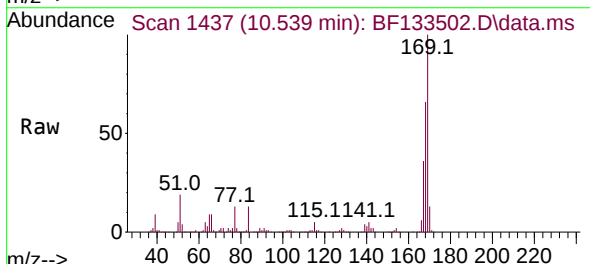
Reviewed By :Christian
Giraldo
05/30/2023

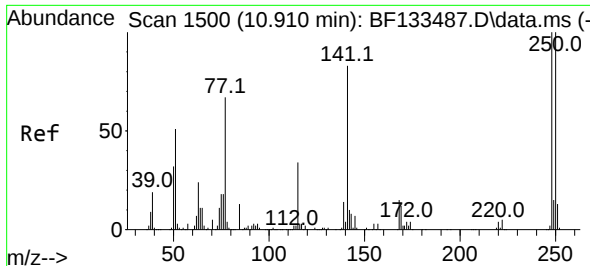
Supervised By :Jagrut
Upadhyay
05/31/2023



#66
n-Nitrosodiphenylamine
Concen: 43.728 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:169 Resp: 663225
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.1 29.6 44.4





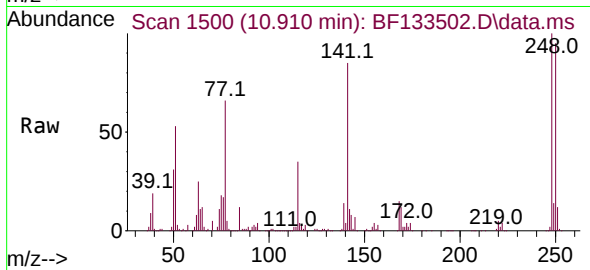
#67
4-Bromophenyl-phenylether
Concen: 44.154 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

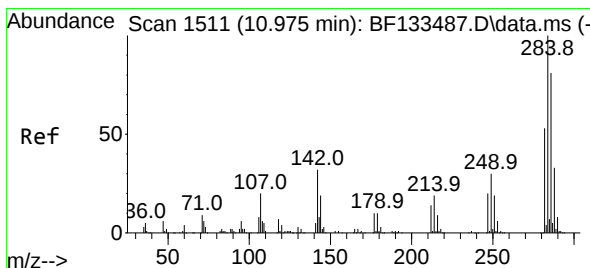
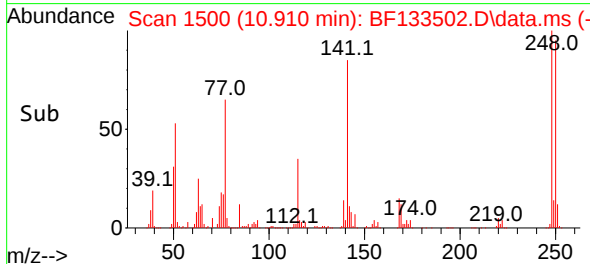
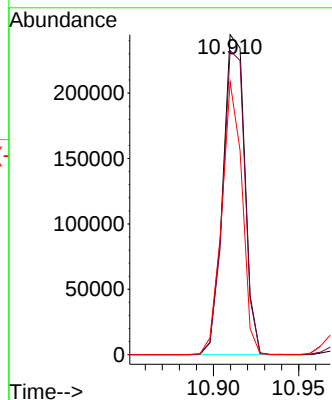


Tgt Ion:248 Resp: 21906
Ion Ratio Lower Upper
248 100
250 95.1 79.7 119.5
141 85.3 66.6 100.0

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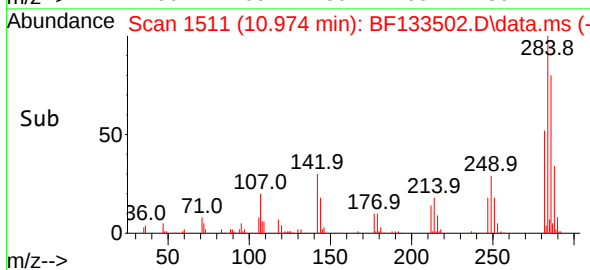
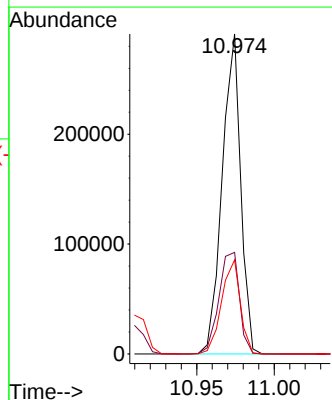
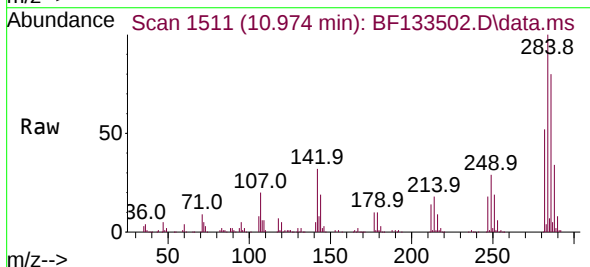
Reviewed By :Christian
Giraldo
05/30/2023

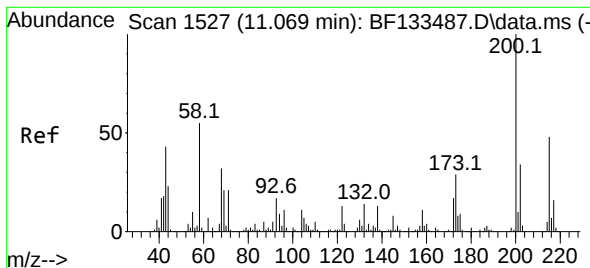
Supervised By :Jagrut
Upadhyay
05/31/2023



#68
Hexachlorobenzene
Concen: 46.484 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:284 Resp: 241173
Ion Ratio Lower Upper
284 100
142 31.8 25.8 38.6
249 29.4 24.4 36.6





#69

Atrazine

Concen: 52.929 ng

RT: 11.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

Tgt Ion:200 Resp: 22026

Ion Ratio Lower Upper

200 100

173 28.9 9.0 49.0

215 48.1 27.6 67.6

Manual Integrations

APPROVED

Reviewed By :Christian

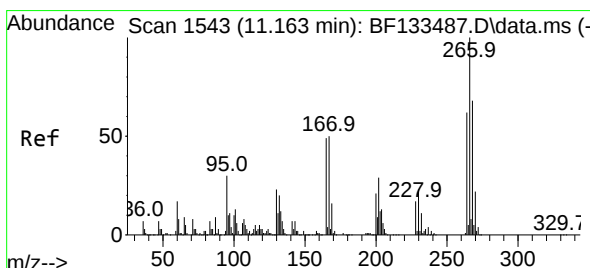
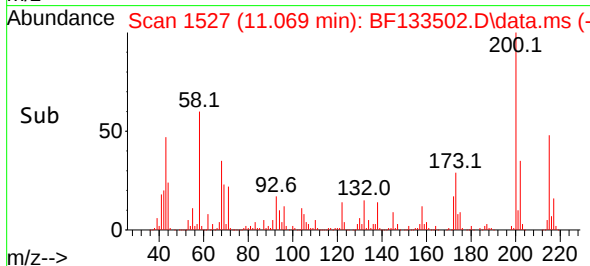
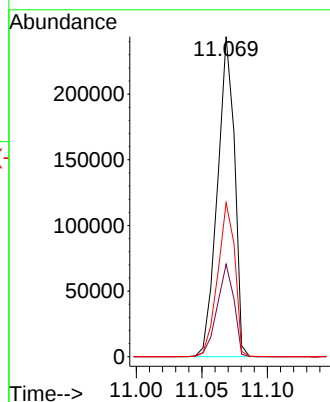
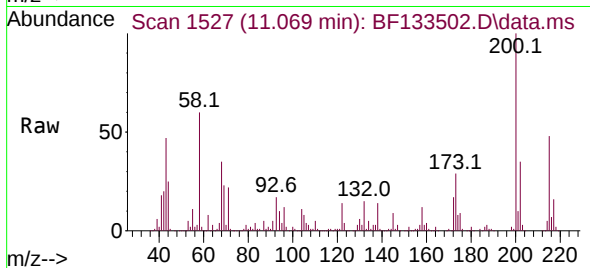
Giraldo

05/30/2023

Supervised By :Jagrut

Upadhyay

05/31/2023



#70

Pentachlorophenol

Concen: 88.871 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

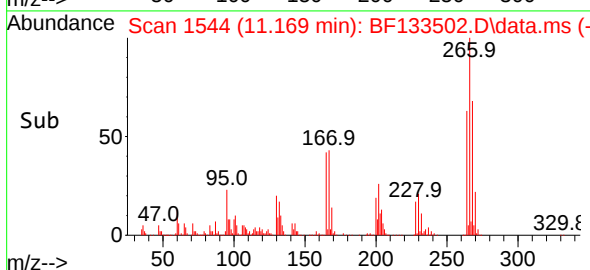
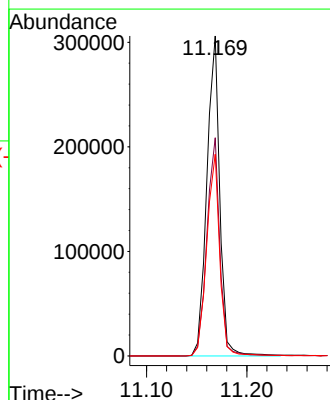
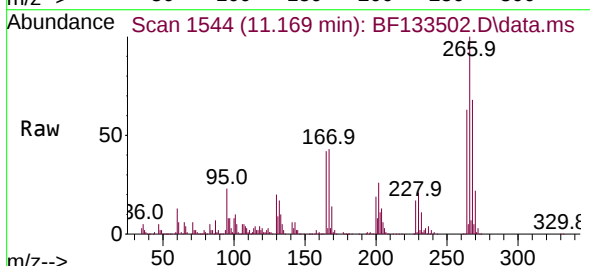
Tgt Ion:266 Resp: 275701

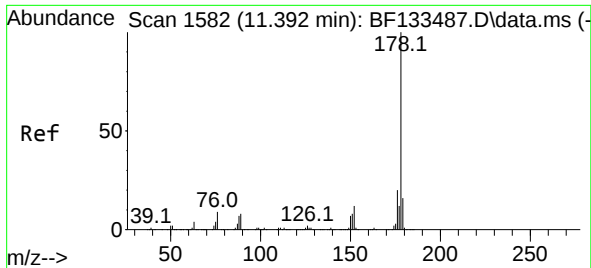
Ion Ratio Lower Upper

266 100

268 68.2 54.6 82.0

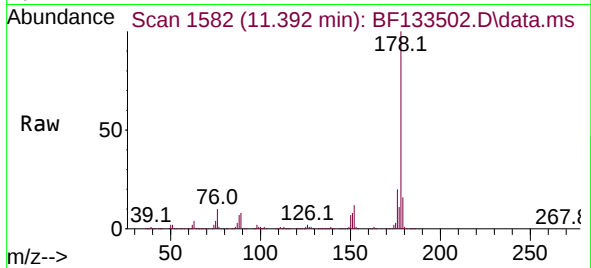
264 63.0 49.2 73.8





#71
Phenanthrene
Concen: 45.275 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

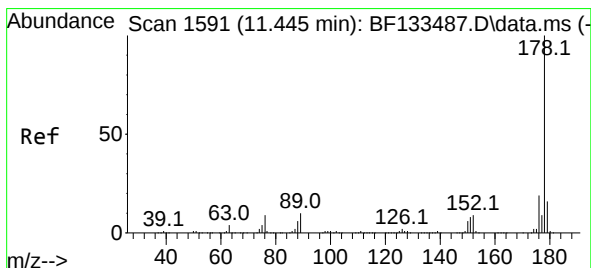
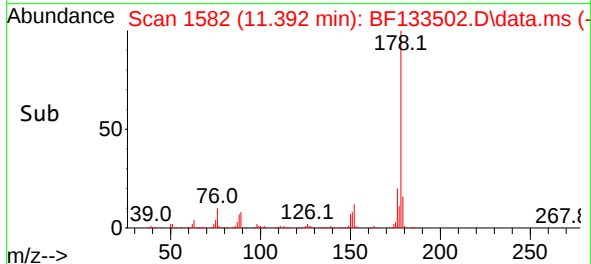
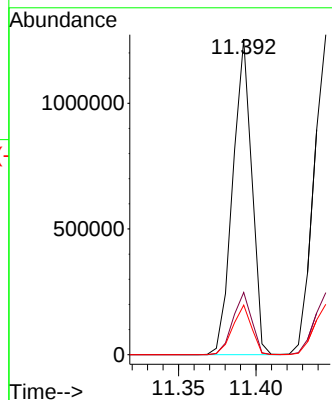
Instrument :
BNA_F
ClientSampleId :
PB153075BS



Tgt Ion:178 Resp: 1071304
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.7 12.4 18.6

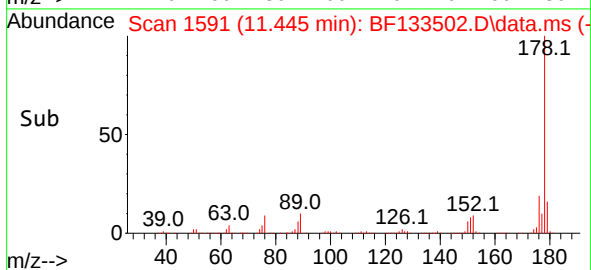
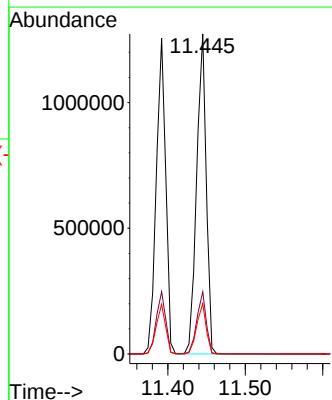
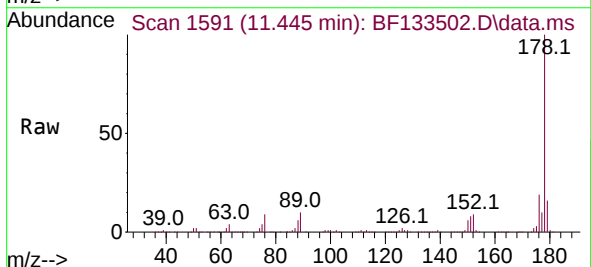
Manual Integrations
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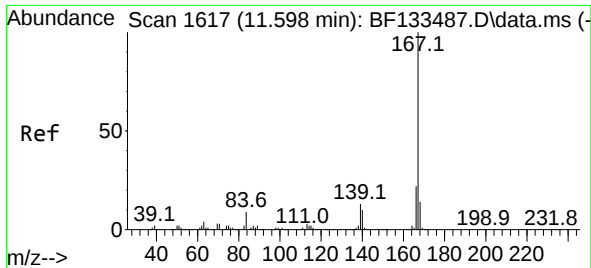
Reviewed By :Christian
Giraldo
05/30/2023
Supervised By :Jagrut
Upadhyay
05/31/2023



#72
Anthracene
Concen: 45.013 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:178 Resp: 1096194
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.6 18.8





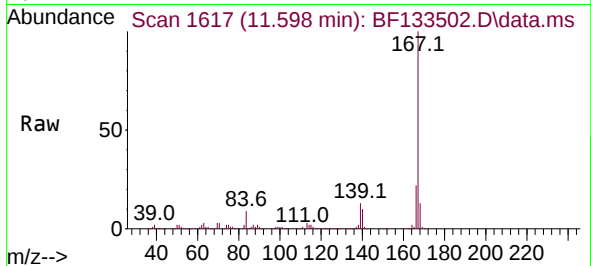
#73
 Carbazole
 Concen: 46.529 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

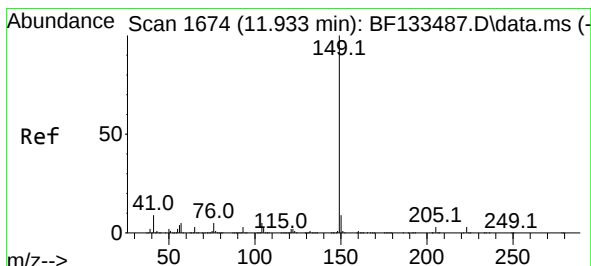
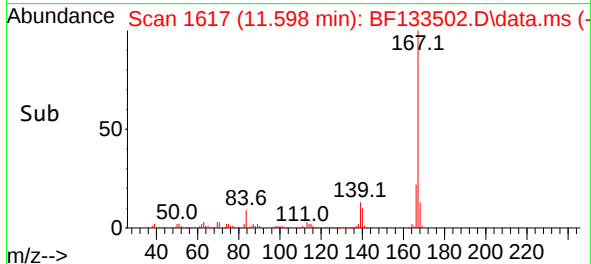
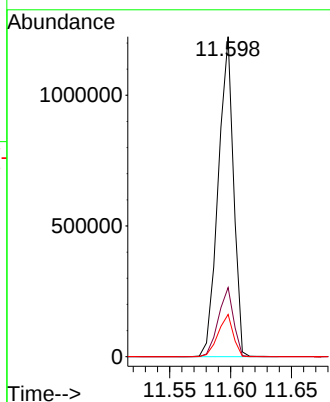


Tgt Ion:167 Resp: 1071599
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.2 10.7 16.1

Manual Integrations
 APPROVED

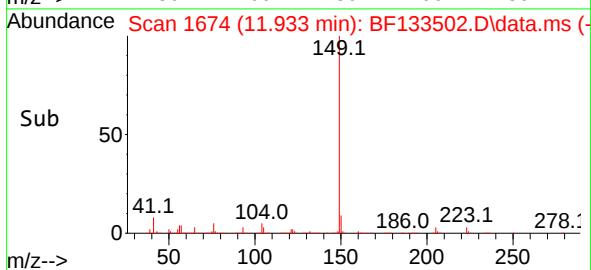
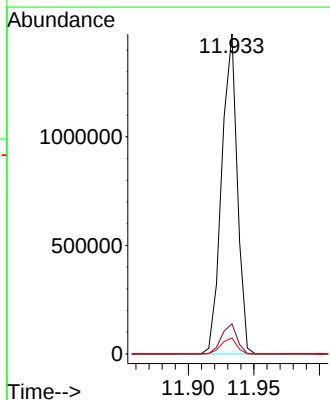
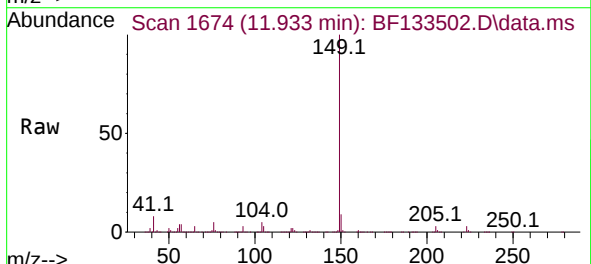
Reviewed By :Christian
 Giraldo
 05/30/2023

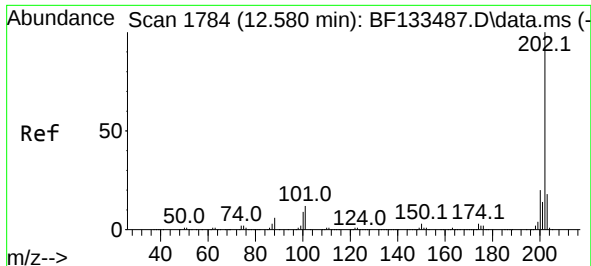
Supervised By :Jagrut
 Upadhyay
 05/31/2023



#74
 Di-n-butylphthalate
 Concen: 44.831 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

Tgt Ion:149 Resp: 1220883
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.0 3.9 5.9





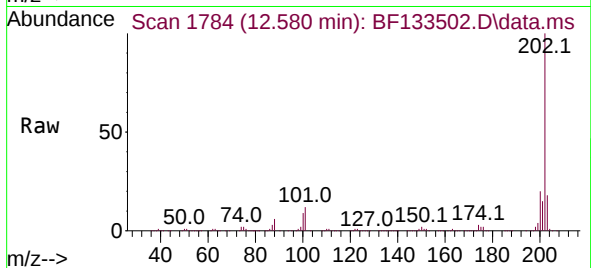
#75
Fluoranthene
Concen: 45.899 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS



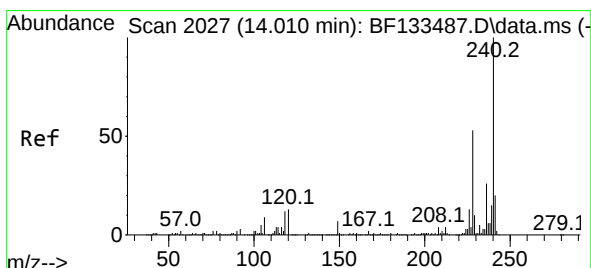
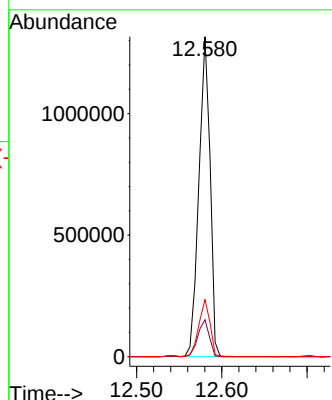
Tgt Ion:202 Resp: 119963
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.2
203 17.8 0.0 37.8

Manual Integrations
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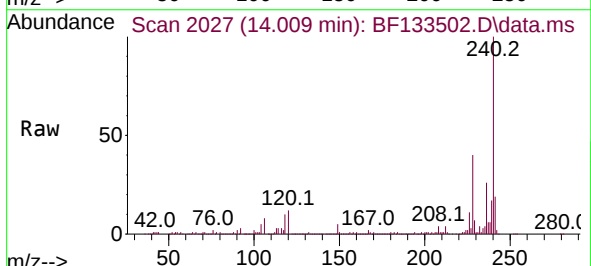
Reviewed By :Christian
Giraldo

05/30/2023

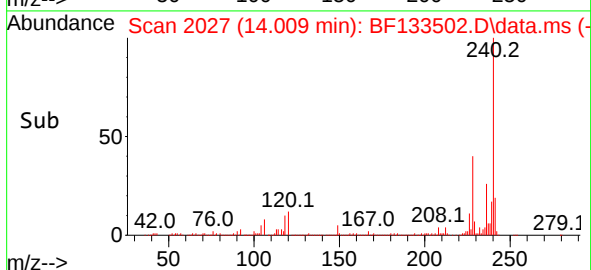
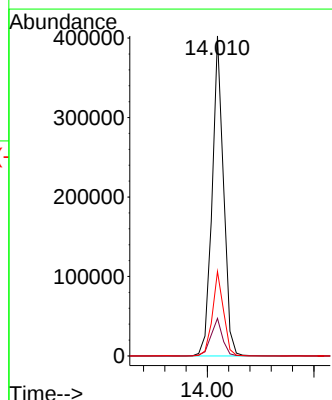
Supervised By :Jagrut
Upadhyay
05/31/2023

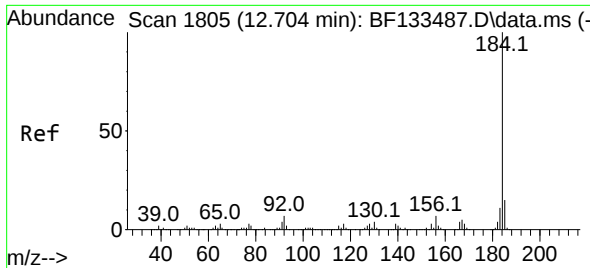


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



Tgt Ion:240 Resp: 299951
Ion Ratio Lower Upper
240 100
120 11.8 10.3 15.5
236 26.4 20.5 30.7





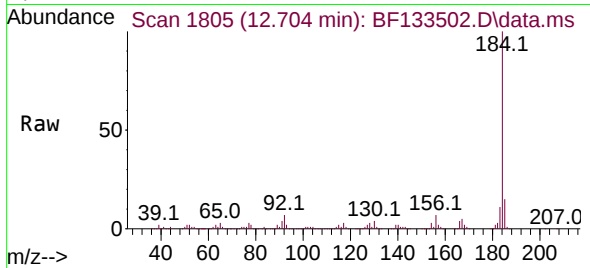
#77
Benzidine
Concen: 55.868 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

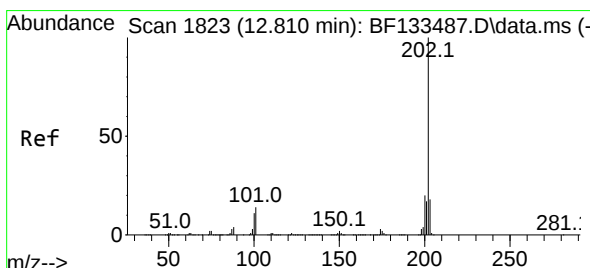
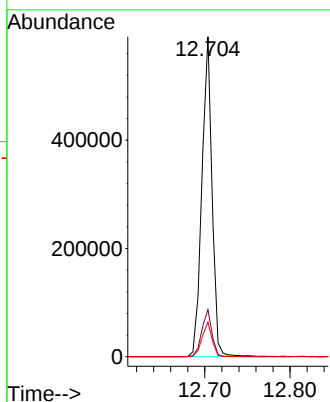
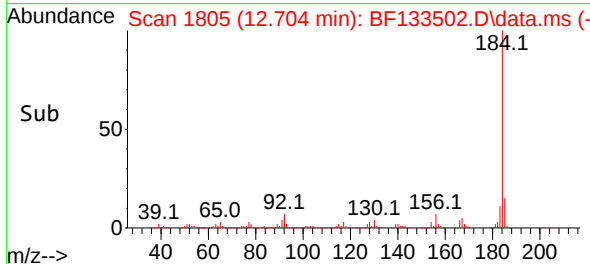


Tgt Ion:184 Resp: 49012
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 10.8 8.7 13.1

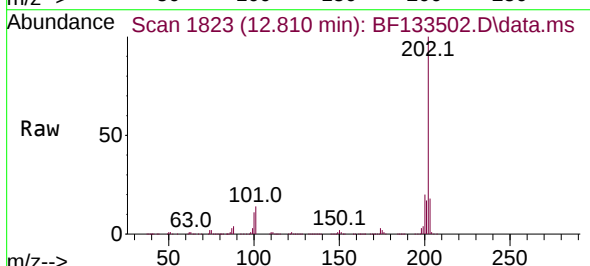
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
05/30/2023

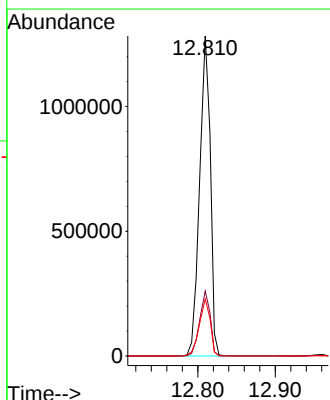
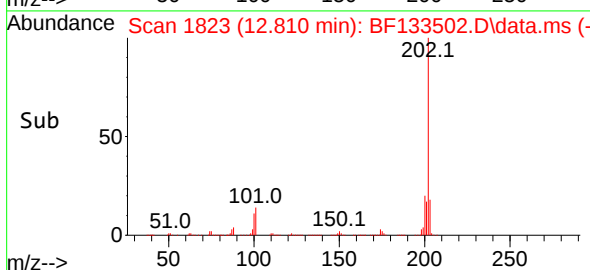
Supervised By :Jagrut
Upadhyay
05/31/2023

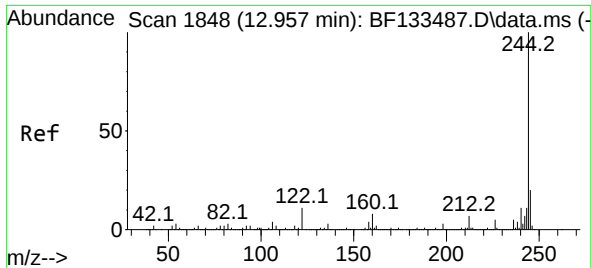


#78
Pyrene
Concen: 48.246 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



Tgt Ion:202 Resp: 1231452
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 17.8 14.3 21.5





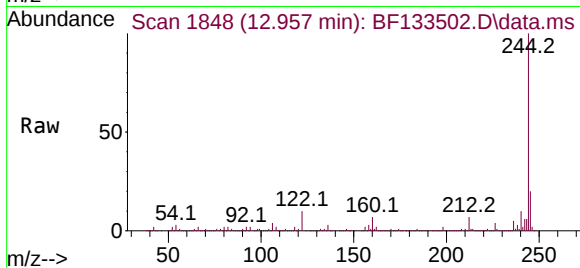
#79
 Terphenyl-d14
 Concen: 94.102 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

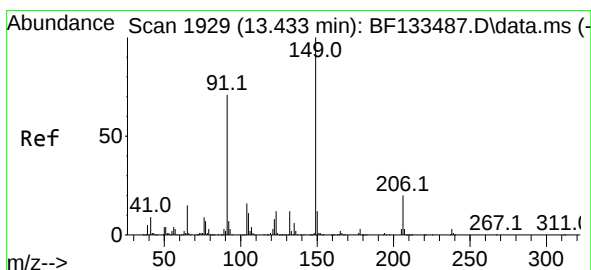
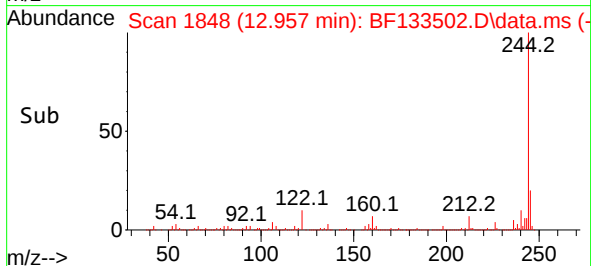
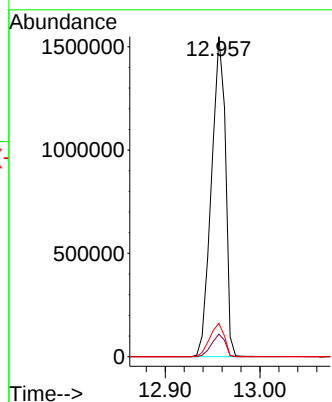


Tgt Ion:244 Resp: 1587532
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.4 8.5 12.7

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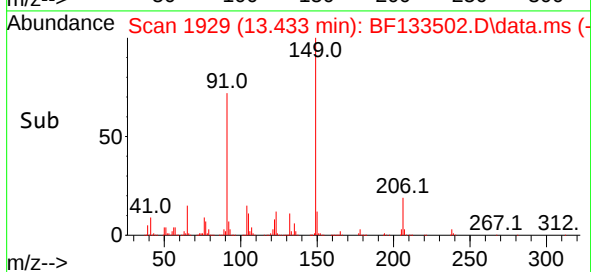
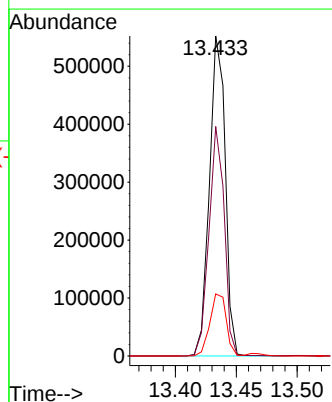
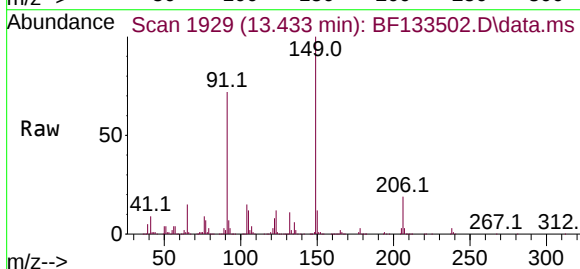
Reviewed By :Christian
 Giraldo
 05/30/2023

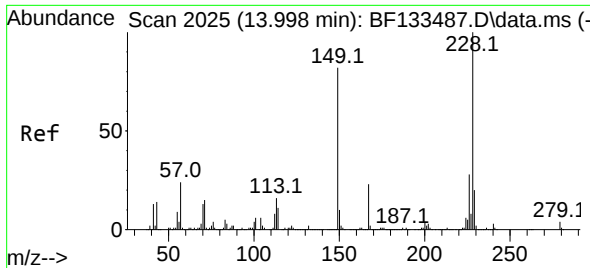
Supervised By :Jagrut
 Upadhyay
 05/31/2023



#80
 Butylbenzylphthalate
 Concen: 49.570 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF133502.D
 Acq: 26 May 2023 16:50

Tgt Ion:149 Resp: 500607
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.9 85.3
 206 19.4 15.7 23.5





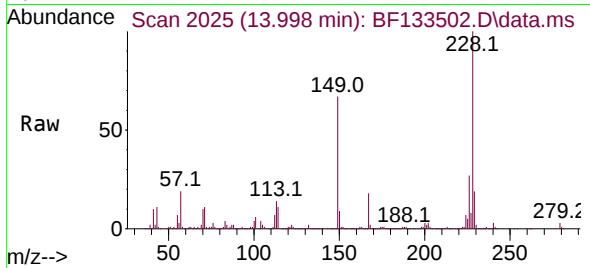
#81
Benzo(a)anthracene
Concen: 45.362 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

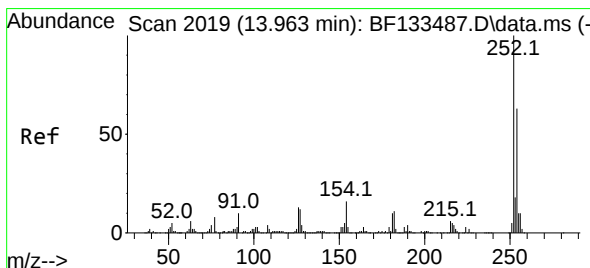
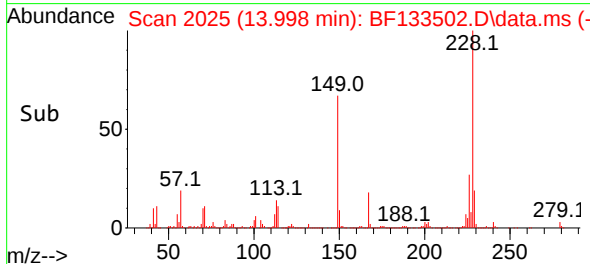
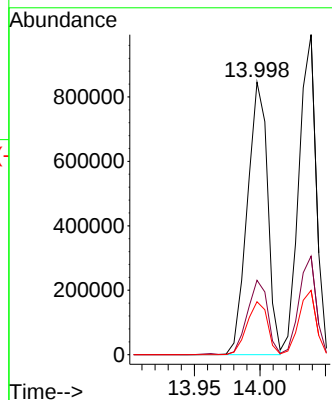


Tgt Ion:228 Resp: 906418
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.4 16.1 24.1

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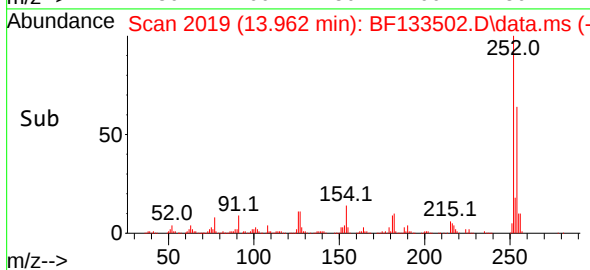
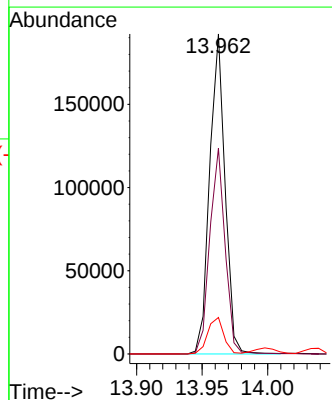
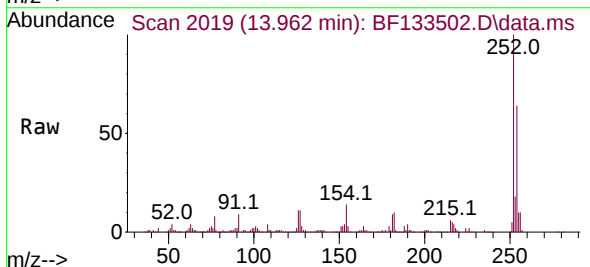
Reviewed By :Christian
Giraldo
05/30/2023

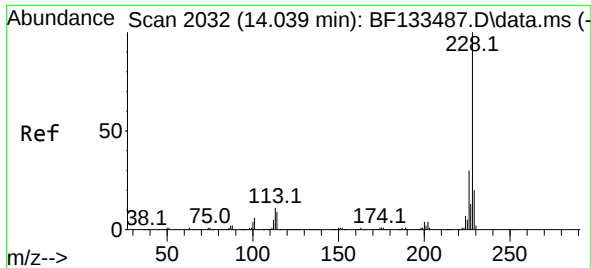
Supervised By :Jagrut
Upadhyay
05/31/2023



#82
3,3'-Dichlorobenzidine
Concen: 25.175 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:252 Resp: 157253
Ion Ratio Lower Upper
252 100
254 64.3 50.3 75.5
126 11.4 10.5 15.7





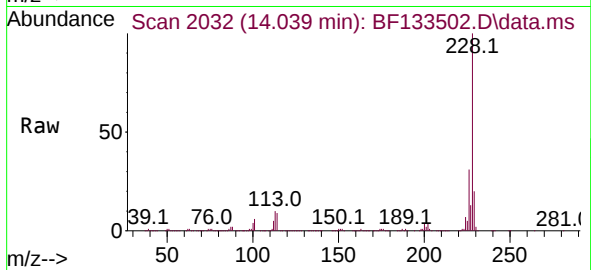
#83
Chrysene
Concen: 44.938 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

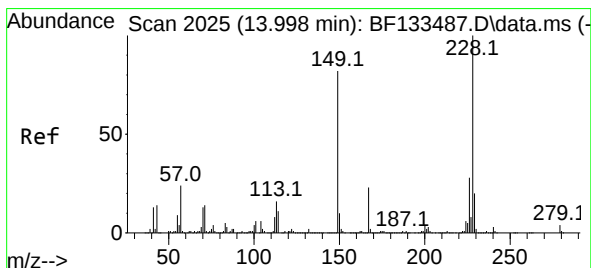
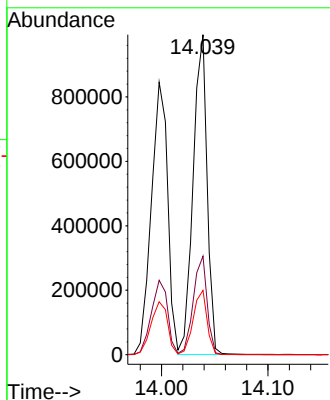
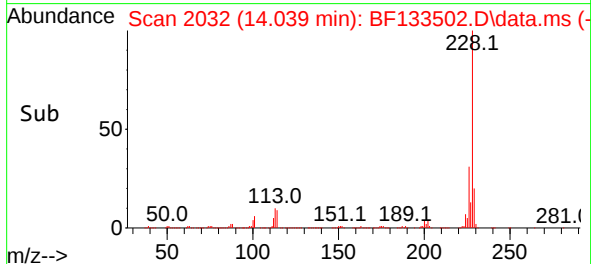


Tgt Ion:228 Resp: 906478
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 20.1 15.8 23.8

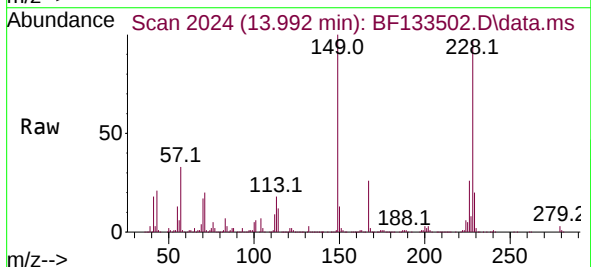
Manual Integrations
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Reviewed By :Christian
Giraldo
05/30/2023

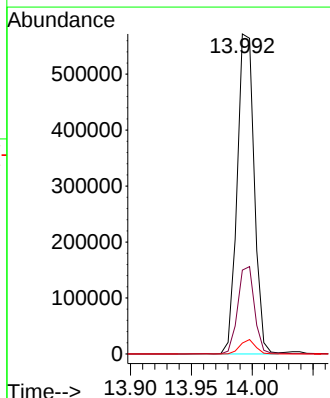
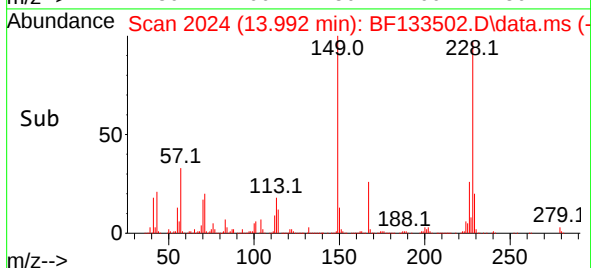
Supervised By :Jagrut
Upadhyay
05/31/2023

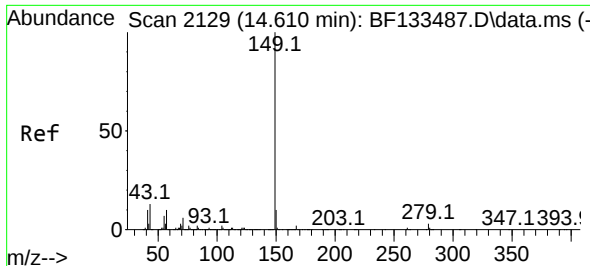


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.031 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50



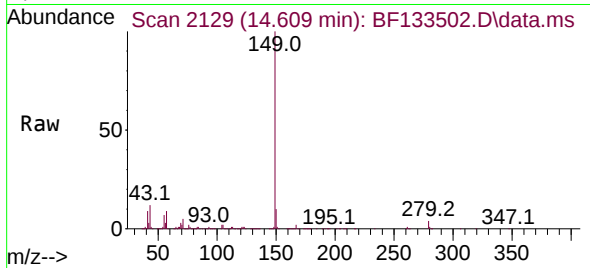
Tgt Ion:149 Resp: 555827
Ion Ratio Lower Upper
149 100
167 26.2 22.0 33.0
279 3.4 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 42.555 ng
RT: 14.609 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

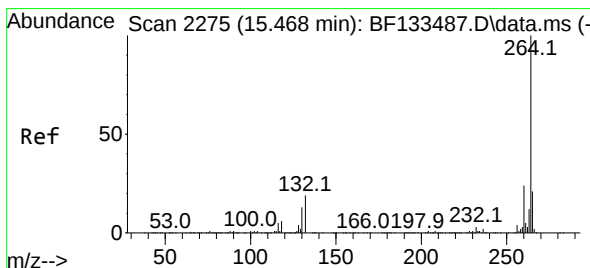
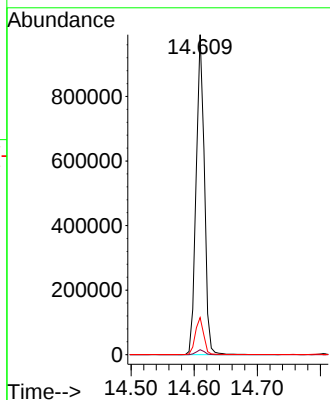
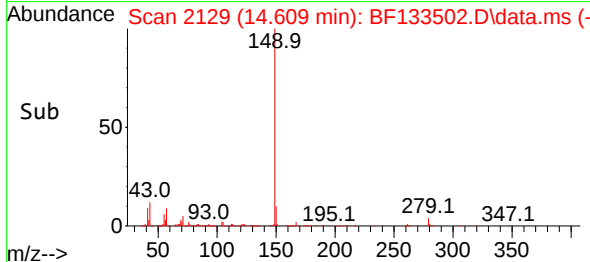
Instrument :
BNA_F
ClientSampleId :
PB153075BS



Tgt Ion:149 Resp: 894864
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 10.0 15.0

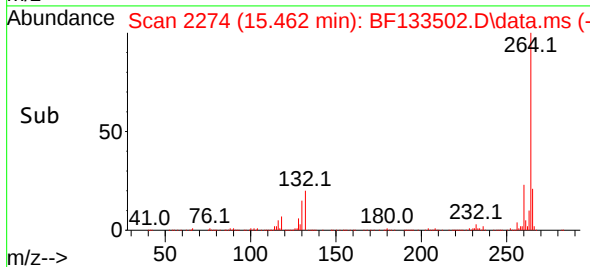
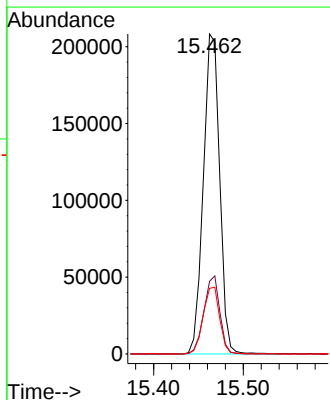
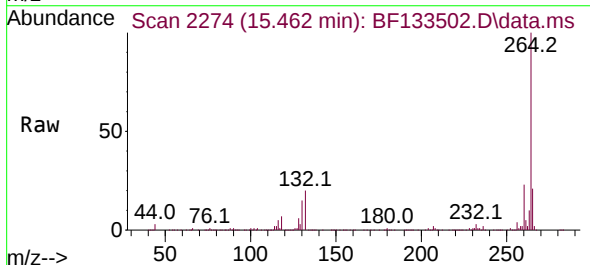
Manual Integrations
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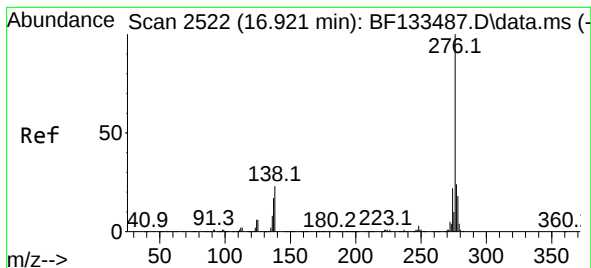
Reviewed By :Christian
Giraldo
05/30/2023
Supervised By :Jagrut
Upadhyay
05/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:264 Resp: 262990
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.4
265 20.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.409 ng

RT: 16.921 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133502.D

Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

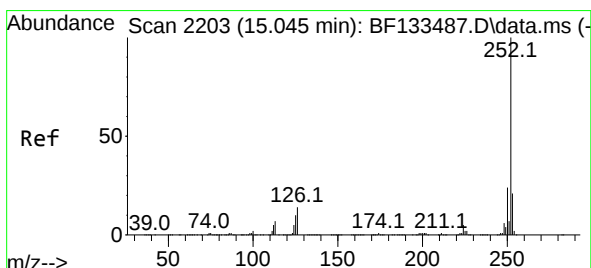
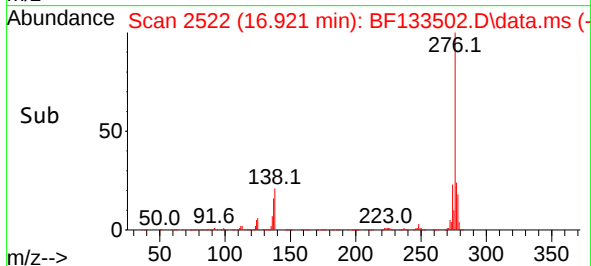
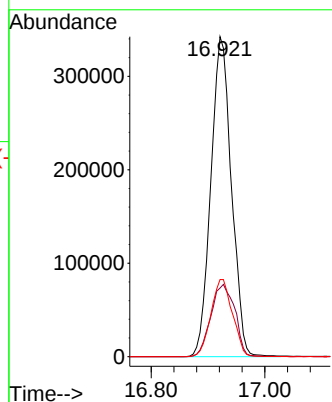
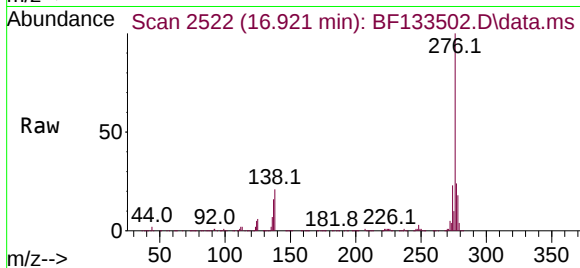
Tgt Ion: 276 Resp: 86121

Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.4	32.2
277	25.3	20.0	30.0

Manual Integrations
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Reviewed By : Christian
Giraldo
05/30/2023

Supervised By : Jagrut
Upadhyay
05/31/2023



#88

Benzo(b)fluoranthene

Concen: 47.119 ng

RT: 15.045 min Scan# 2203

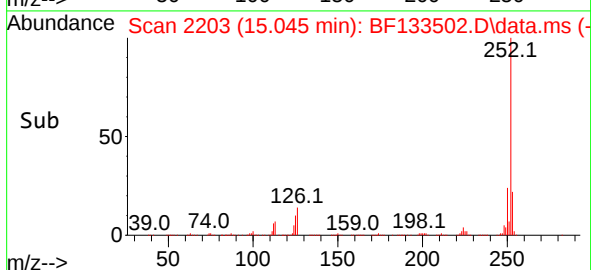
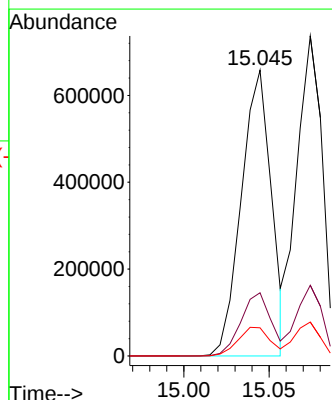
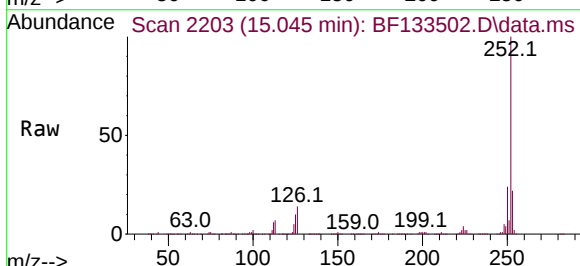
Delta R.T. -0.000 min

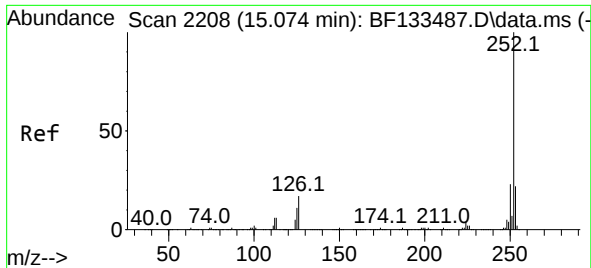
Lab File: BF133502.D

Acq: 26 May 2023 16:50

Tgt Ion: 252 Resp: 806924

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.8	8.1	12.1





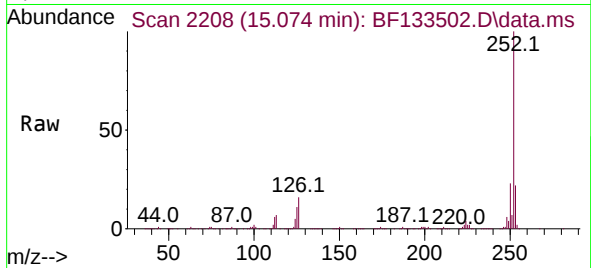
#89
Benzo(k)fluoranthene
Concen: 46.251 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB153075BS

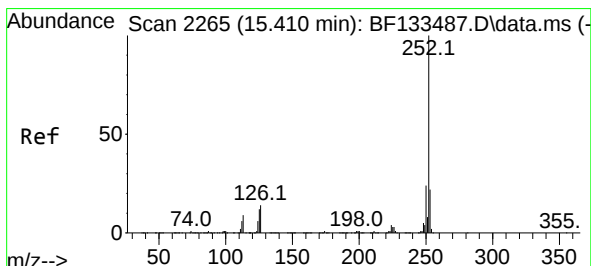
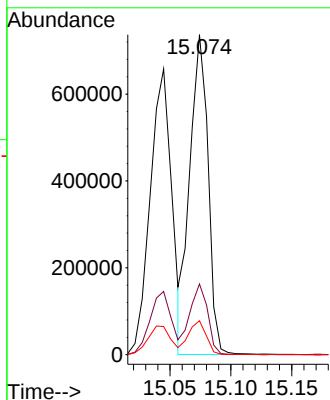
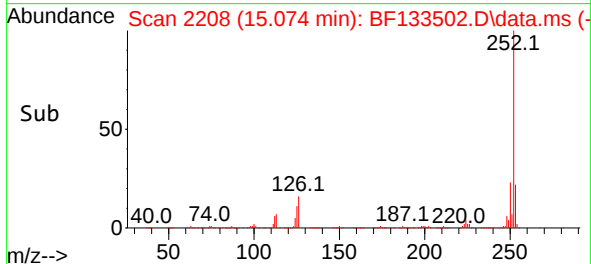


Tgt Ion:252 Resp: 77232
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.6 8.3 12.5

Manual Integrations
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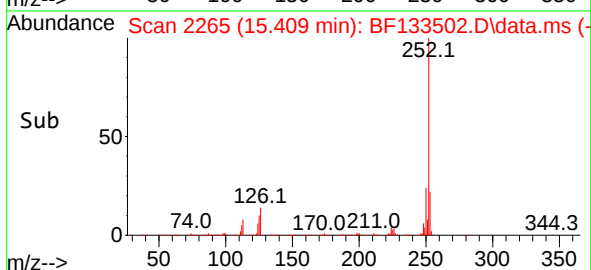
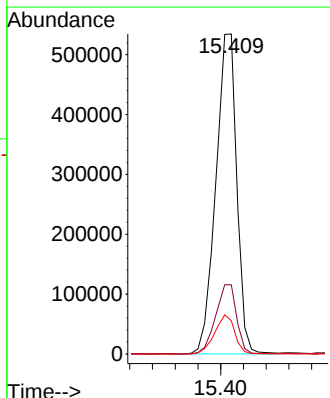
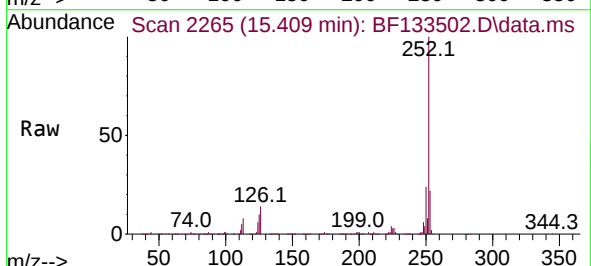
Reviewed By :Christian
Giraldo
05/30/2023

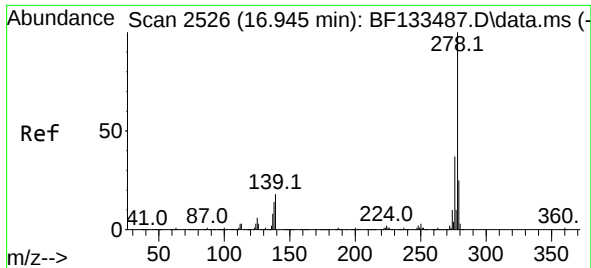
Supervised By :Jagrut
Upadhyay
05/31/2023



#90
Benzo(a)pyrene
Concen: 43.997 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:252 Resp: 685600
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.3 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 51.374 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Instrument :

BNA_F

ClientSampleId :

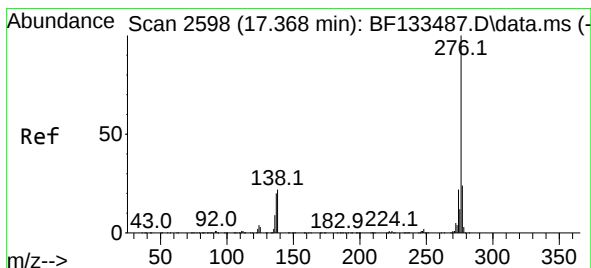
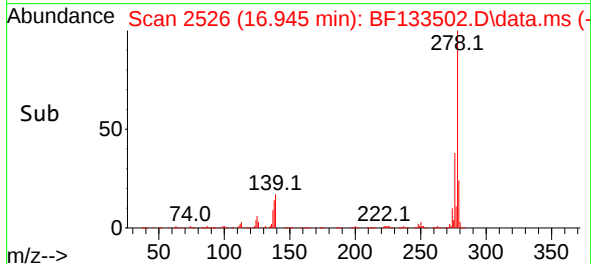
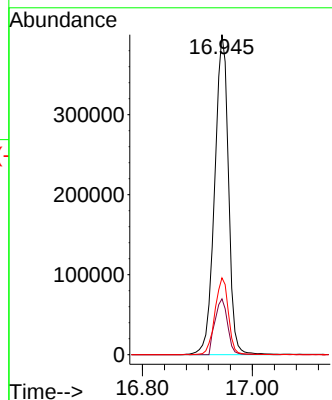
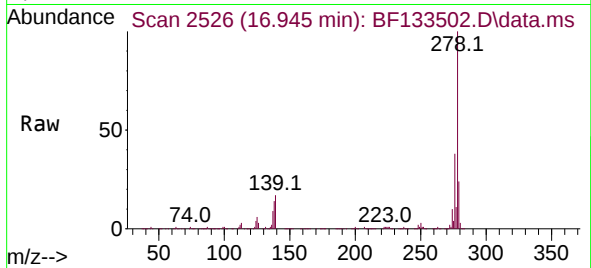
PB153075BS

Tgt Ion:278 Resp: 69776
Ion Ratio Lower Upper
278 100
139 17.5 14.1 21.1
279 24.0 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
05/30/2023

Supervised By :Jagrut
Upadhyay
05/31/2023



#92
Benzo(g,h,i)perylene
Concen: 52.923 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BF133502.D
Acq: 26 May 2023 16:50

Tgt Ion:276 Resp: 724793
Ion Ratio Lower Upper
276 100
277 24.6 18.8 28.2
138 22.9 17.8 26.6

