

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133503.D
 Acq On : 26 May 2023 17:22
 Operator : CG\JU
 Sample : PB153075BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153075BSD

Manual Integrations
 APPROVED

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

Quant Time: May 27 01:09:41 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	134714	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	515119	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	251541	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	500184	20.000	ng	0.00
76) Chrysene-d12	14.010	240	323188	20.000	ng	0.00
86) Perylene-d12	15.462	264	288409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	724110	89.683	ng	0.01
7) Phenol-d6	6.463	99	877140	88.249	ng	0.00
23) Nitrobenzene-d5	7.404	82	830338	107.627	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	245303	97.832	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1411698	86.621	ng	0.00
79) Terphenyl-d14	12.957	244	1696656	93.340	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	145227	39.826	ng	100
3) Pyridine	3.404	79	382339	37.395	ng	96
4) n-Nitrosodimethylamine	3.369	42	257137	46.115	ng	100
6) Aniline	6.498	93	441785	32.736	ng	99
8) 2-Chlorophenol	6.622	128	410171	51.556	ng	96
9) Benzaldehyde	6.386	77	267241	57.603	ng	97
10) Phenol	6.481	94	492799m	49.424	ng	
11) bis(2-Chloroethyl)ether	6.575	93	389340	47.228	ng	98
12) 1,3-Dichlorobenzene	6.781	146	425610	48.187	ng	99
13) 1,4-Dichlorobenzene	6.857	146	430285	48.592	ng	97
14) 1,2-Dichlorobenzene	7.010	146	410041	50.180	ng	98
15) Benzyl Alcohol	6.981	79	368666	48.856	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	747130	47.784	ng	99
17) 2-Methylphenol	7.086	107	338591	44.941	ng	98
18) Hexachloroethane	7.351	117	157539	51.451	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	289786	45.062	ng	99
20) 3+4-Methylphenols	7.245	107	403591	47.383	ng	93
22) Acetophenone	7.251	105	545662	45.998	ng	96
24) Nitrobenzene	7.428	77	437055	53.167	ng	95
25) Isophorone	7.663	82	812428	45.184	ng	99
26) 2-Nitrophenol	7.739	139	202774	53.255	ng	99
27) 2,4-Dimethylphenol	7.775	122	358655	46.881	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	470372	45.114	ng	98
29) 2,4-Dichlorophenol	7.981	162	331075	48.101	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	346471	46.538	ng	99
31) Naphthalene	8.145	128	1118333	44.781	ng	99
32) Benzoic acid	7.892	122	269456	52.633	ng	98
33) 4-Chloroaniline	8.192	127	127504	11.912	ng	95
34) Hexachlorobutadiene	8.263	225	207581	45.837	ng	99
35) Caprolactam	8.575	113	122836m	54.417	ng	
36) 4-Chloro-3-methylphenol	8.669	107	366459	47.529	ng	99
37) 2-Methylnaphthalene	8.839	142	742261	43.531	ng	97
38) 1-Methylnaphthalene	8.933	142	700790	44.090	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	326460	43.789	ng	98
41) Hexachlorocyclopentadiene	8.992	237	418234	109.469	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	234847	49.228	ng	98

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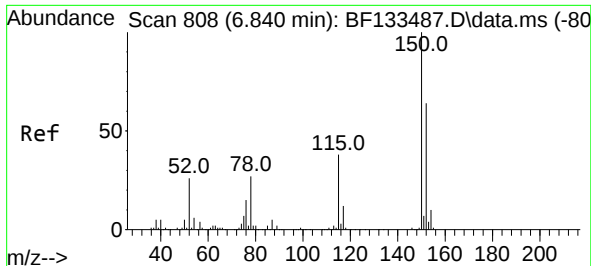
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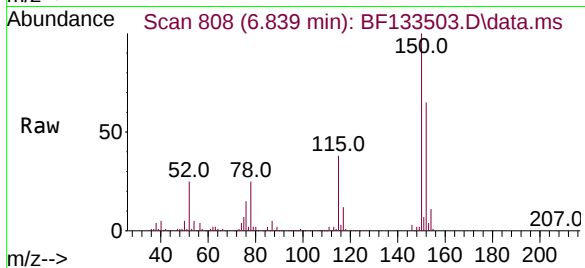
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	253017	45.694	ng	97
46) 1,1'-Biphenyl	9.304	154	923449	45.186	ng	99
47) 2-Chloronaphthalene	9.327	162	673850	45.496	ng	98
48) 2-Nitroaniline	9.422	65	239271	50.124	ng	97
49) Acenaphthylene	9.745	152	1144127	45.266	ng	99
50) Dimethylphthalate	9.604	163	815467	46.126	ng	99
51) 2,6-Dinitrotoluene	9.663	165	175637	51.925	ng	98
52) Acenaphthene	9.916	154	771533	50.391	ng	99
53) 3-Nitroaniline	9.827	138	118655	29.472	ng	98
54) 2,4-Dinitrophenol	9.939	184	185069	98.689	ng	95
55) Dibenzofuran	10.086	168	1018395	44.708	ng	98
56) 4-Nitrophenol	9.992	139	337906	111.715	ng	98
57) 2,4-Dinitrotoluene	10.069	165	229363	54.287	ng	89
58) Fluorene	10.427	166	753708	45.162	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	215516	51.680	ng	100
60) Diethylphthalate	10.304	149	847186	46.161	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	350549	43.745	ng	99
62) 4-Nitroaniline	10.451	138	205746	48.424	ng	95
63) Azobenzene	10.580	77	827322	45.034	ng	96
65) 4,6-Dinitro-2-methylph...	10.474	198	118399	56.091	ng	# 73
66) n-Nitrosodiphenylamine	10.539	169	699430	43.072	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	232594	43.787	ng	98
68) Hexachlorobenzene	10.974	284	261458	47.068	ng	98
69) Atrazine	11.069	200	239499	53.754	ng	99
70) Pentachlorophenol	11.169	266	298589	89.897	ng	99
71) Phenanthrene	11.392	178	1138827	44.953	ng	100
72) Anthracene	11.445	178	1154089	44.263	ng	100
73) Carbazole	11.598	167	1127523	45.727	ng	100
74) Di-n-butylphthalate	11.933	149	1313763	45.058	ng	100
75) Fluoranthene	12.580	202	1279590	45.727	ng	99
77) Benzidine	12.704	184	532357	56.319	ng	99
78) Pyrene	12.810	202	1307407	47.539	ng	99
80) Butylbenzylphthalate	13.433	149	551471	50.681	ng	98
81) Benzo(a)anthracene	13.998	228	965787	44.858	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	169931	25.249	ng	98
83) Chrysene	14.039	228	981644	45.165	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	609953	44.845	ng	# 97
85) Di-n-octyl phthalate	14.610	149	1010399	44.594	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	937076	51.008	ng	99
88) Benzo(b)fluoranthene	15.045	252	895150	47.664	ng	98
89) Benzo(k)fluoranthene	15.074	252	836302	45.669	ng	99
90) Benzo(a)pyrene	15.404	252	741564	43.394	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	768874	51.620	ng	99
92) Benzo(g,h,i)perylene	17.368	276	776651	51.711	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.001 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

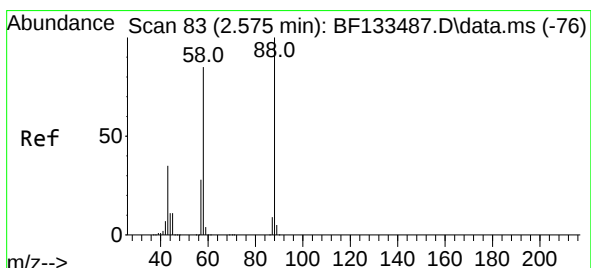
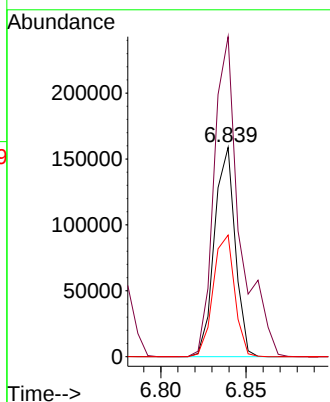
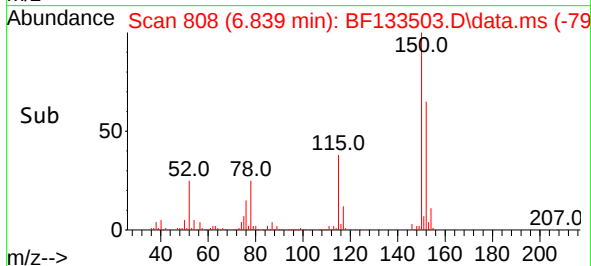
Instrument :
BNA_F
Client SampleId :
PB153075BSD



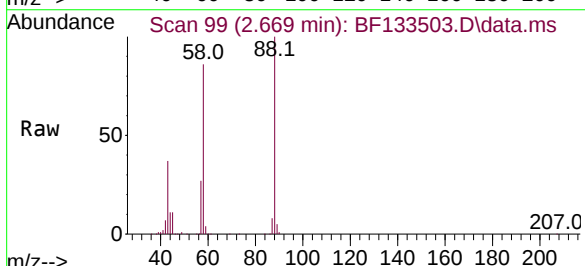
Tgt Ion:152 Resp: 134714
Ion Ratio Lower Upper
152 100
150 152.9 124.9 187.3
115 58.1 48.1 72.1

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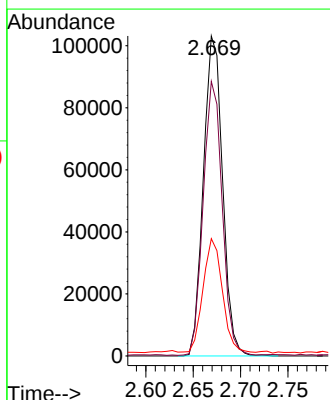
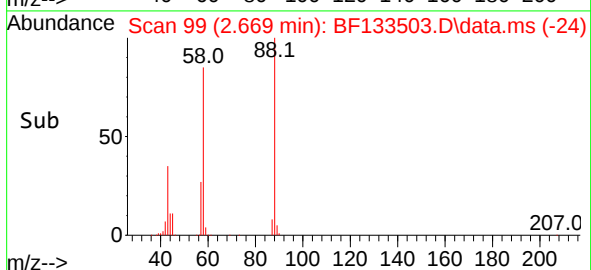
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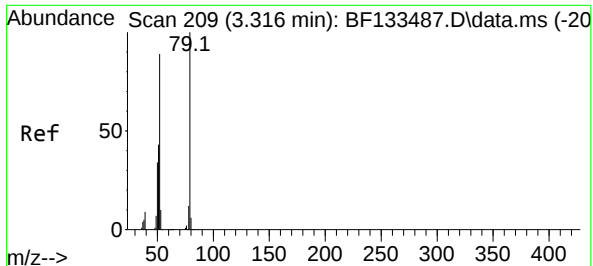


#2
1,4-Dioxane
Concen: 39.826 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.094 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



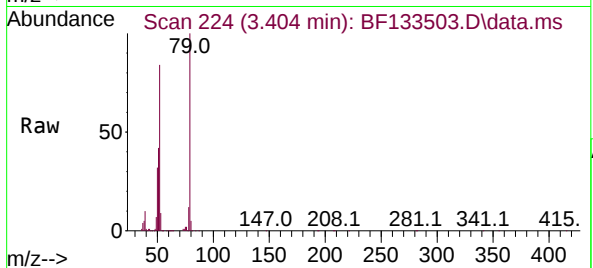
Tgt Ion: 88 Resp: 145227
Ion Ratio Lower Upper
88 100
58 84.8 67.7 101.5
43 35.6 28.2 42.4





#3
Pyridine
Concen: 37.395 ng
RT: 3.404 min Scan# 218
Delta R.T. 0.088 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

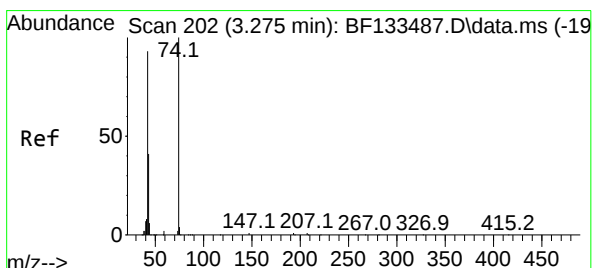
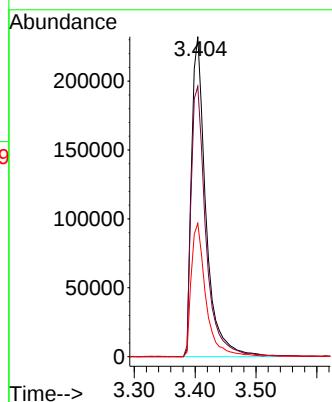
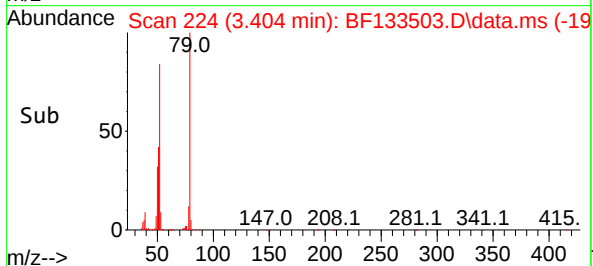
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PB153075BSD



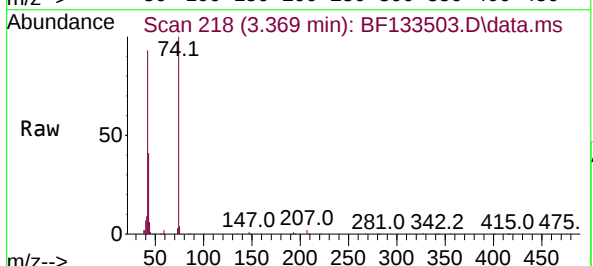
Tgt Ion: 79 Resp: 382339
Ion Ratio Lower Upper
79 100
52 84.4 71.3 106.9
51 41.7 34.4 51.6

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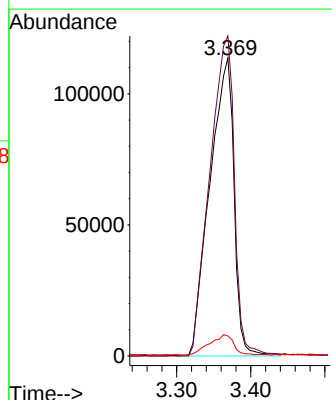
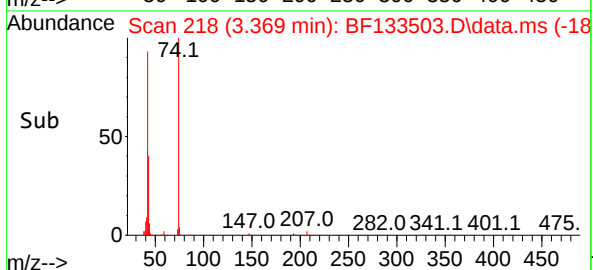
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

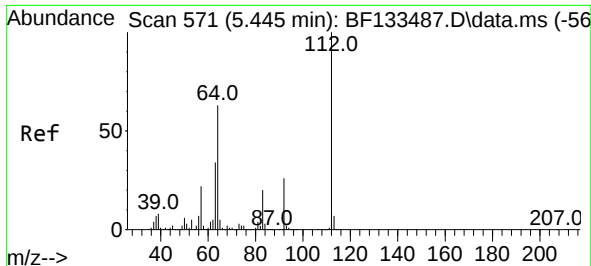


#4
n-Nitrosodimethylamine
Concen: 46.115 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



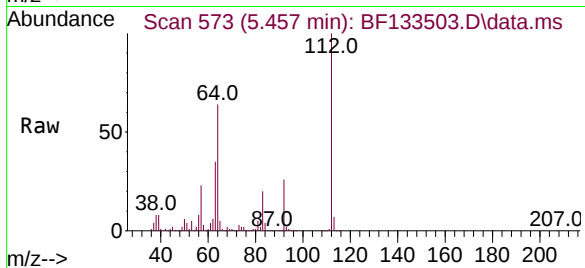
Tgt Ion: 42 Resp: 257137
Ion Ratio Lower Upper
42 100
74 107.4 85.7 128.5
44 6.7 5.6 8.4





#5
2-Fluorophenol
Concen: 89.683 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

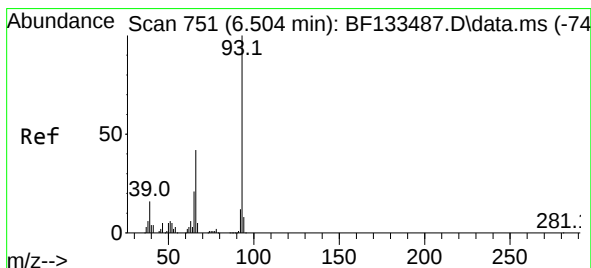
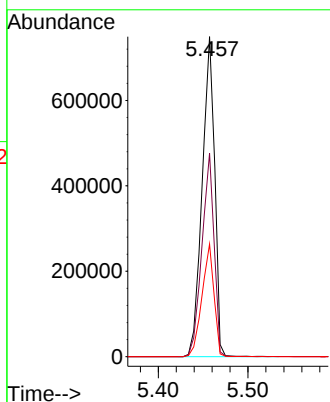
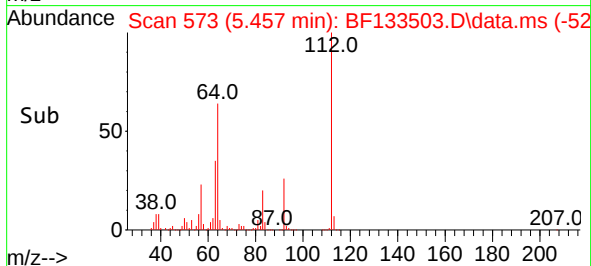
Instrument :
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Tgt Ion: 112 Resp: 724110
Ion Ratio Lower Upper
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64 63.6 50.1 75.1
63 35.2 27.5 41.3

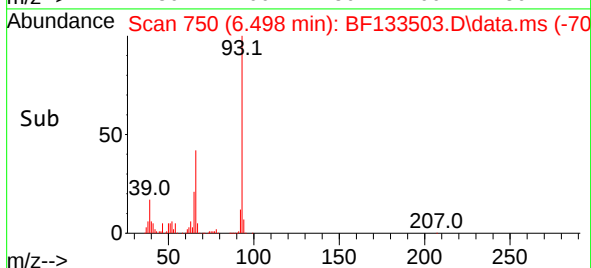
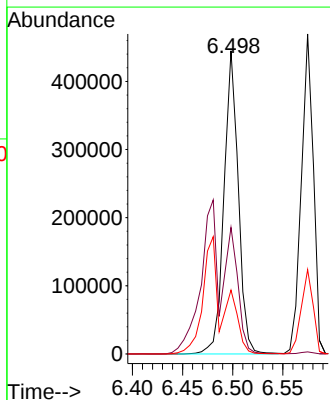
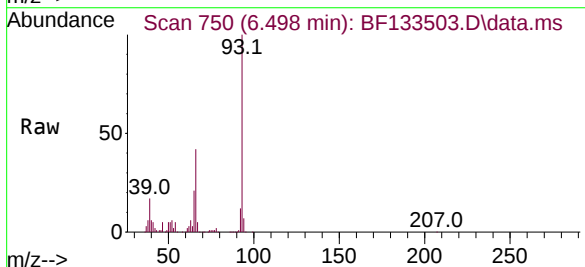
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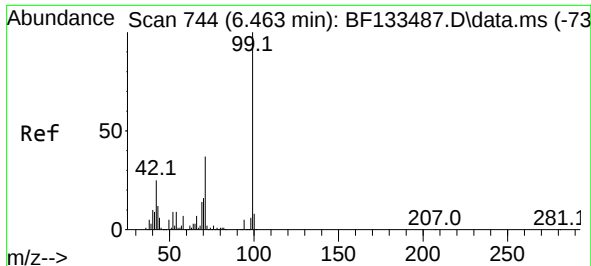
Reviewed By :Christian Giraldo 05/30/2023
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#6
Aniline
Concen: 32.736 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

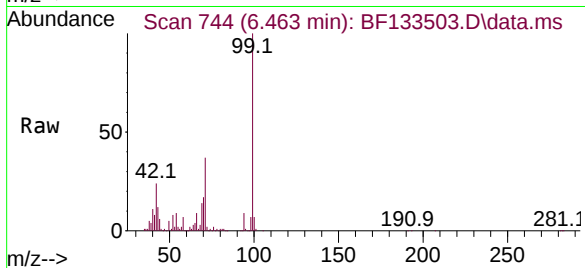
Tgt Ion: 93 Resp: 441785
Ion Ratio Lower Upper
93 100
66 41.8 33.9 50.9
65 21.1 17.2 25.8





#7
Phenol-d6
Concen: 88.249 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

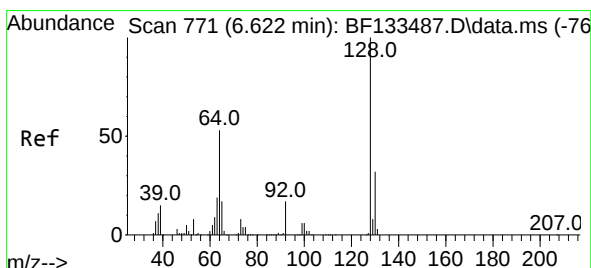
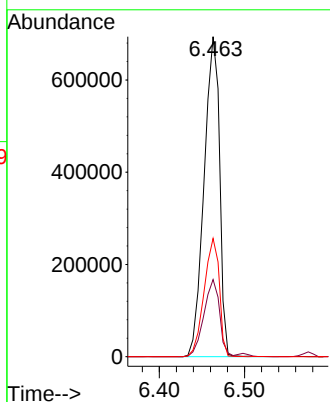
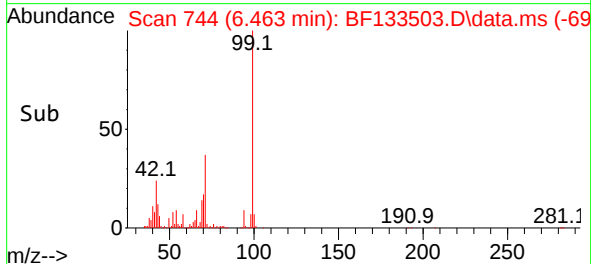
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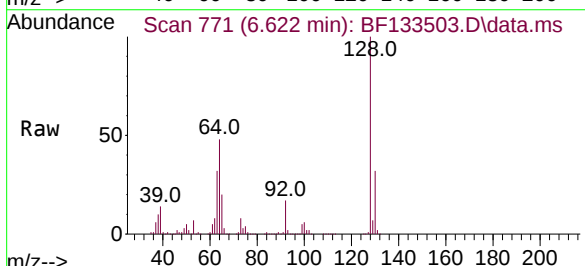
Tgt Ion: 99 Resp: 877140
Ion Ratio Lower Upper
99 100
42 24.1 19.7 29.5
71 36.9 29.8 44.8

Manual Integrations
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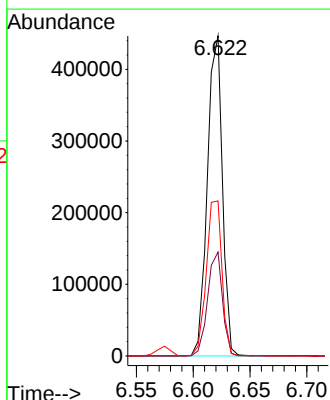
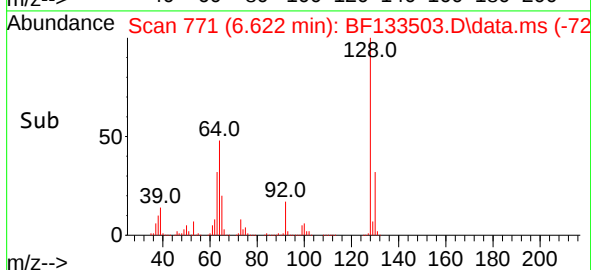
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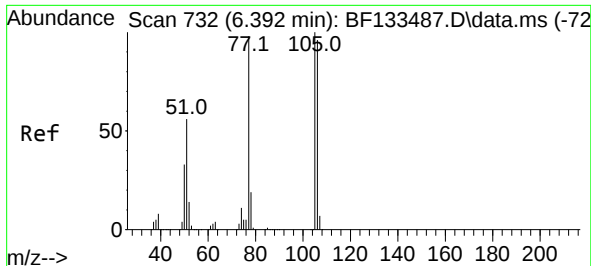


#8
2-Chlorophenol
Concen: 51.556 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



Tgt Ion:128 Resp: 410171
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 48.4 33.3 73.3





#9

Benzaldehyde

Concen: 57.603 ng

RT: 6.386 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133503.D

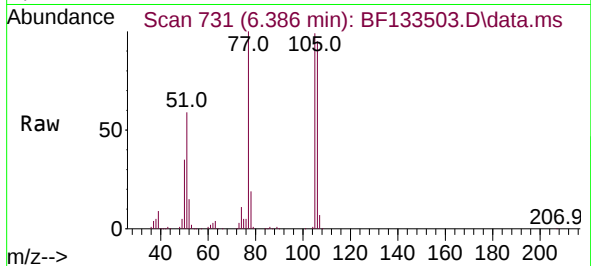
Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

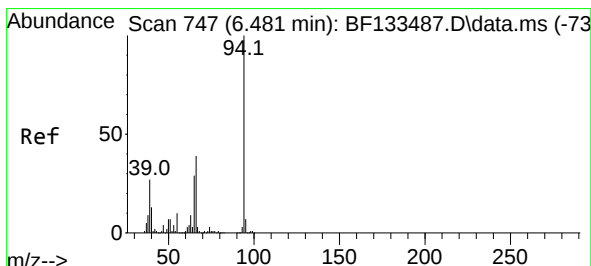
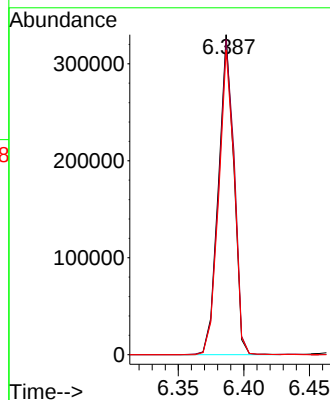
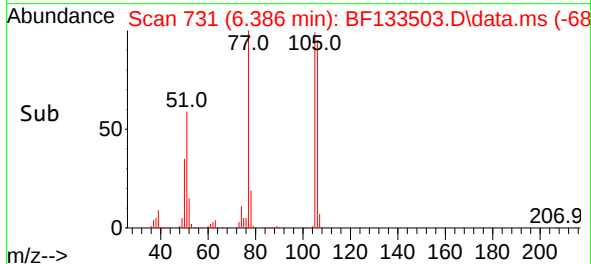
PB153075BSD



Tgt Ion:	77	Resp:	26724
Ion	Ratio	Lower	Upper
77	100		
105	98.5	81.9	121.9
106	95.2	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 49.424 ng m

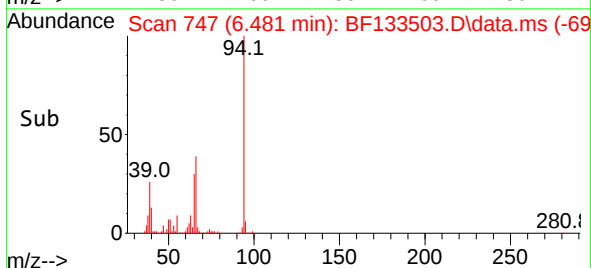
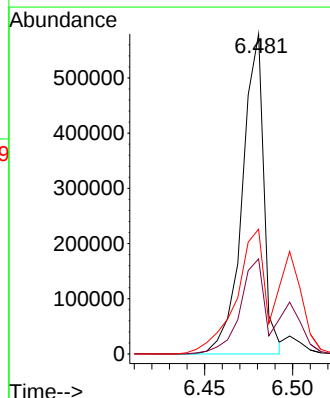
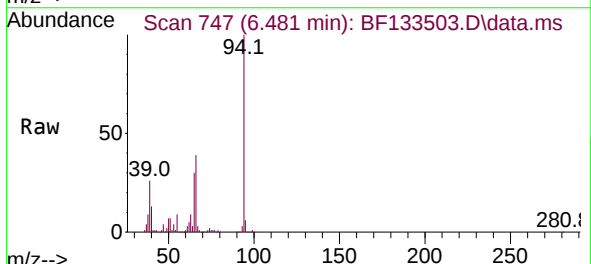
RT: 6.481 min Scan# 747

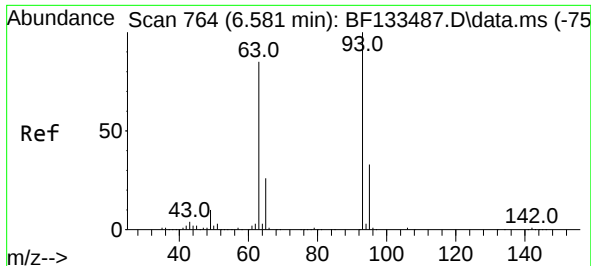
Delta R.T. -0.000 min

Lab File: BF133503.D

Acq: 26 May 2023 17:22

Tgt Ion:	94	Resp:	492799
Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.1	49.1
66	39.0	18.9	58.9





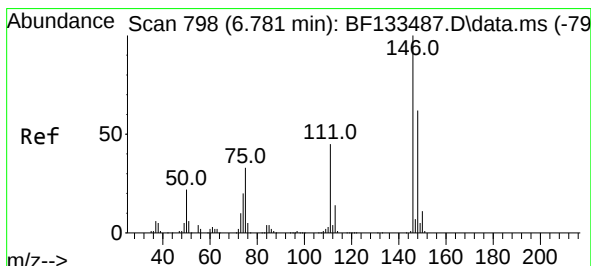
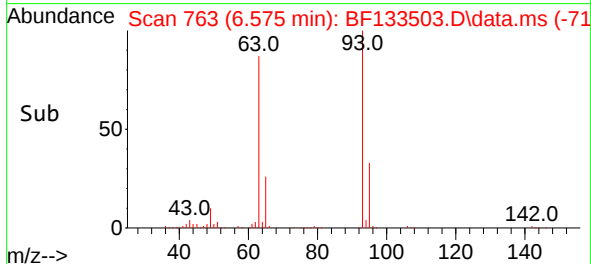
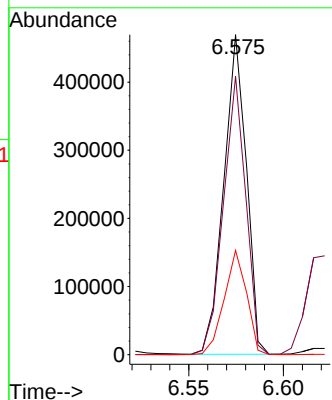
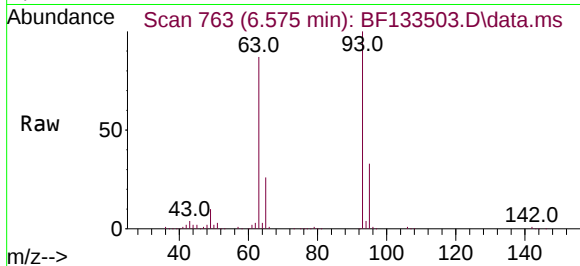
#11
bis(2-Chloroethyl)ether
Concen: 47.228 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Instrument :
BNA_F
ClientSampleId :
PB153075BSD

Tgt Ion: 93 Resp: 389340
Ion Ratio Lower Upper
93 100
63 87.1 64.5 104.5
95 32.6 13.3 53.3

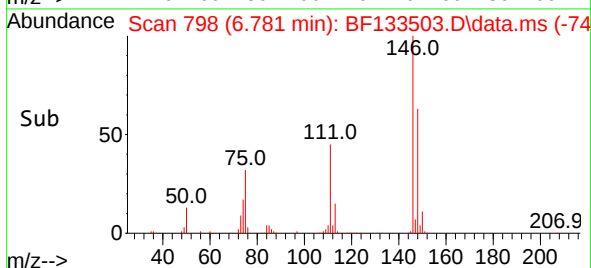
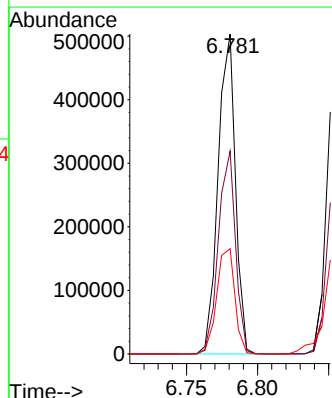
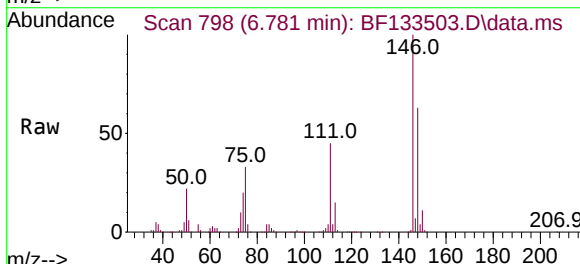
Manual Integrations
APPROVED

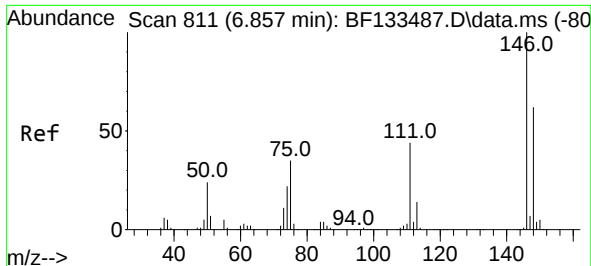
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#12
1,3-Dichlorobenzene
Concen: 48.187 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Tgt Ion:146 Resp: 425610
Ion Ratio Lower Upper
146 100
148 63.4 49.9 74.9
75 32.9 26.7 40.1





#13

1,4-Dichlorobenzene

Concen: 48.592 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133503.D

Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

Tgt Ion:146 Resp: 43028

Ion Ratio Lower Upper

146 100

148 65.3 49.8 74.6

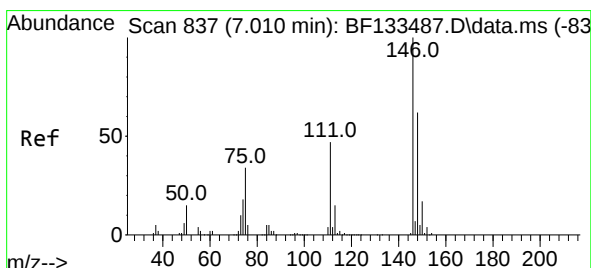
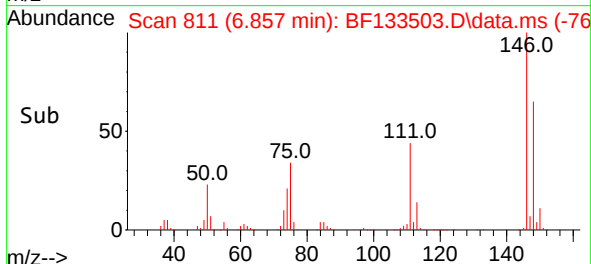
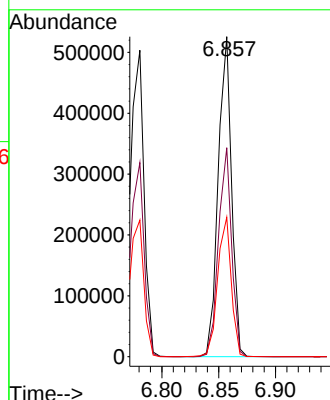
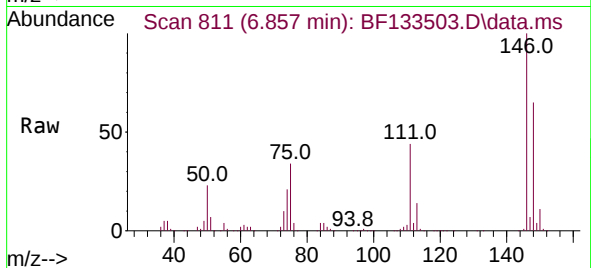
111 43.6 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#14

1,2-Dichlorobenzene

Concen: 50.180 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF133503.D

Acq: 26 May 2023 17:22

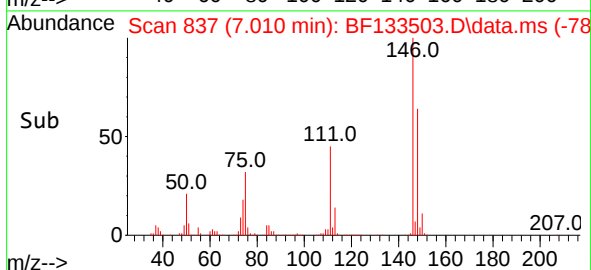
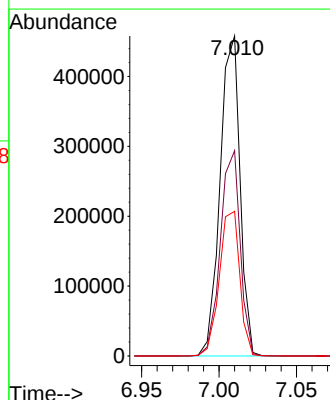
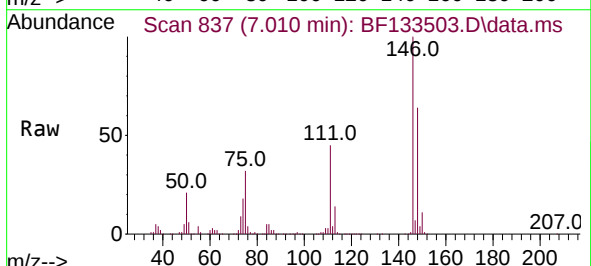
Tgt Ion:146 Resp: 410041

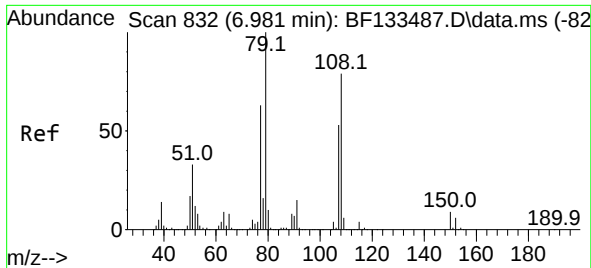
Ion Ratio Lower Upper

146 100

148 64.1 49.8 74.6

111 45.2 37.4 56.2





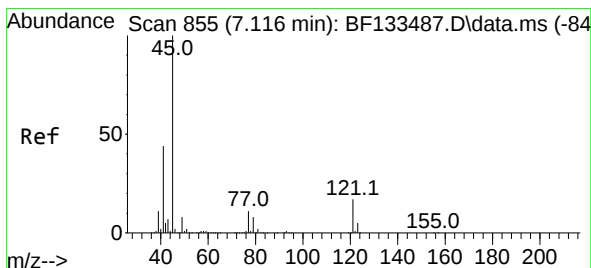
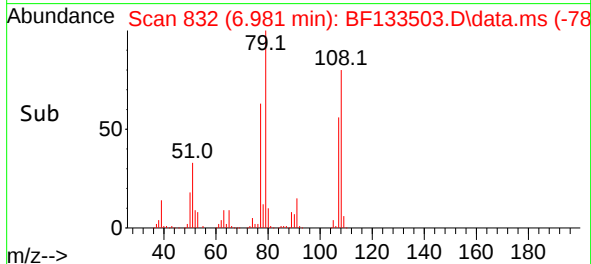
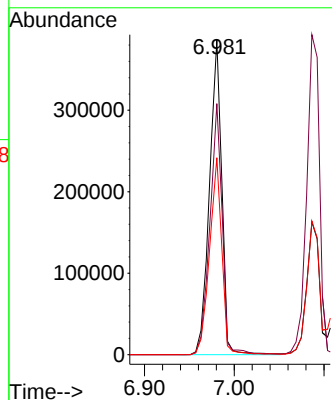
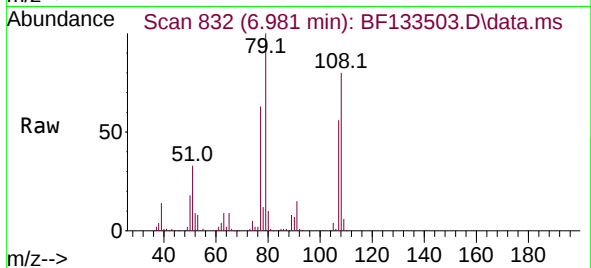
#15
Benzyl Alcohol
Concen: 48.856 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Instrument :
BNA_F
ClientSampleId :
PB153075BSD

Tgt Ion: 79 Resp: 368660
Ion Ratio Lower Upper
79 100
108 79.7 63.2 94.8
77 62.6 50.3 75.5

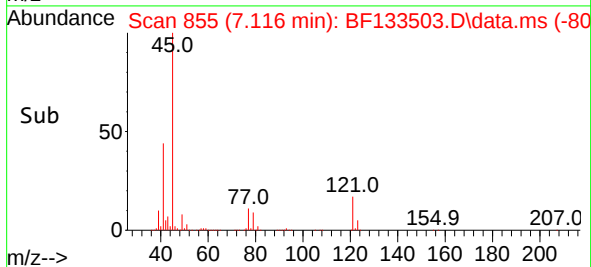
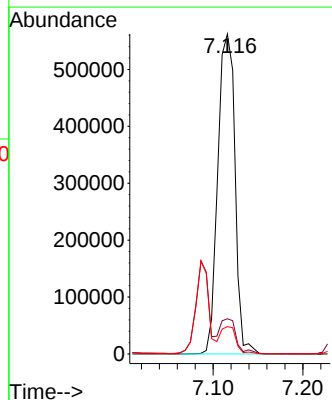
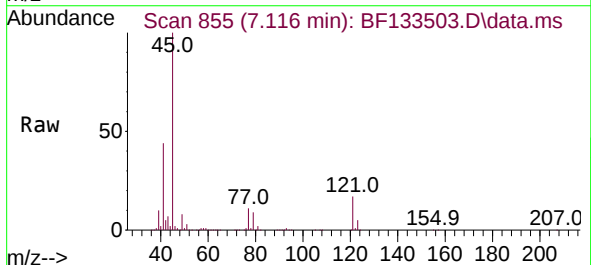
Manual Integrations
APPROVED

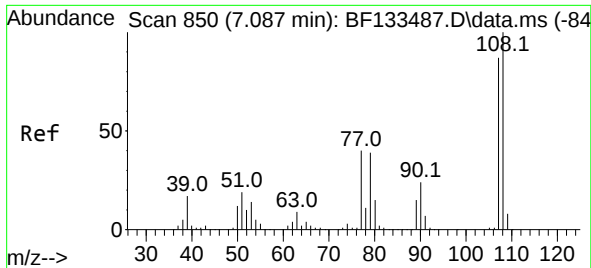
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.784 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Tgt Ion: 45 Resp: 747130
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.8
79 8.5 0.0 28.2





#17
2-Methylphenol
Concen: 44.941 ng
RT: 7.086 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

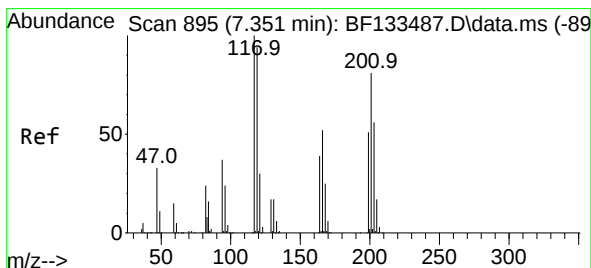
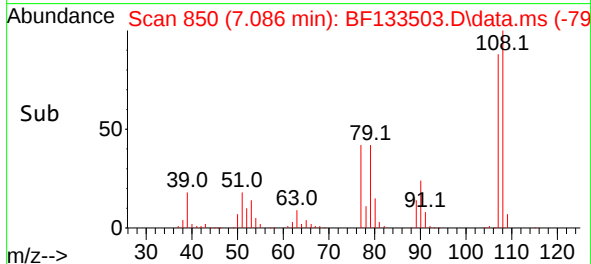
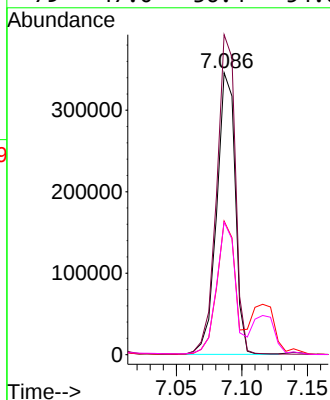
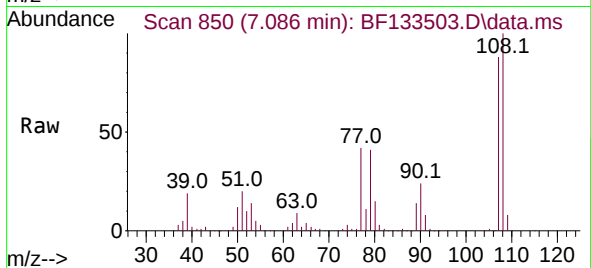
PB153075BSD

Tgt Ion:107 Resp: 33859
Ion Ratio Lower Upper
107 100
108 113.5 92.2 138.4
77 47.4 37.1 55.7
79 47.0 36.4 54.6

Manual Integrations

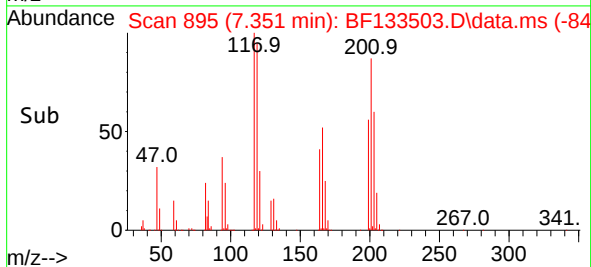
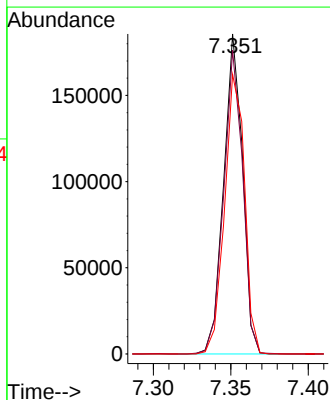
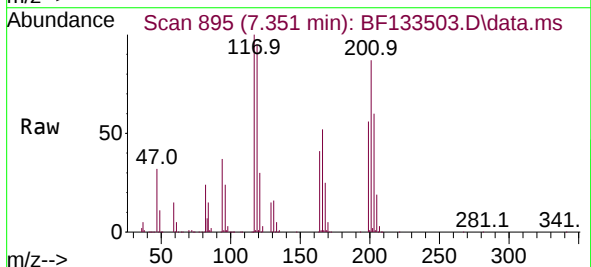
APPROVED

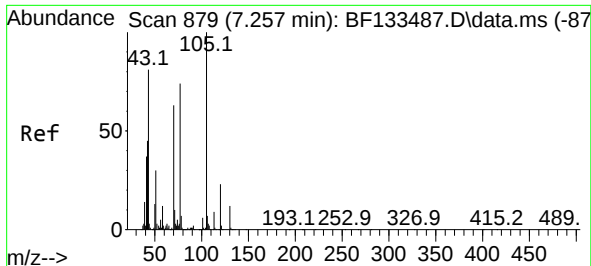
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#18
Hexachloroethane
Concen: 51.451 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

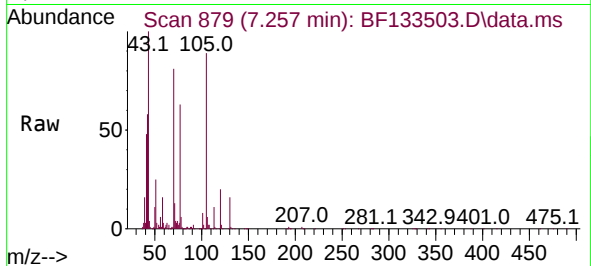
Tgt Ion:117 Resp: 157539
Ion Ratio Lower Upper
117 100
119 94.9 74.9 112.3
201 87.3 64.8 97.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.062 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

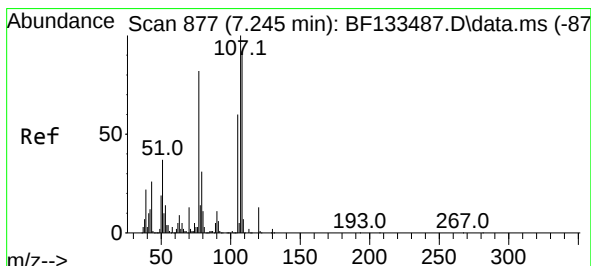
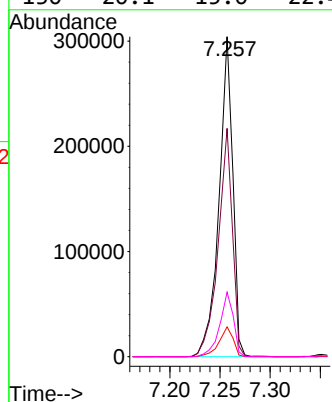
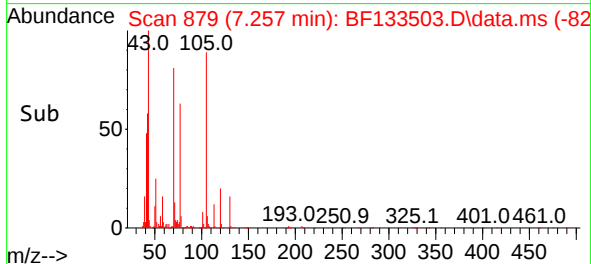
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



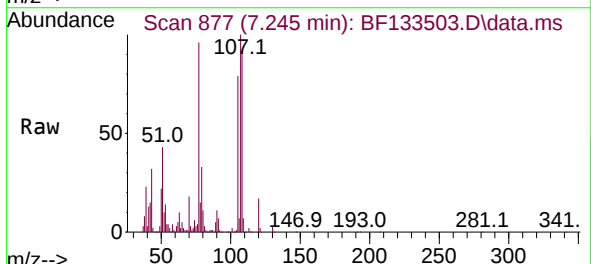
Tgt Ion: 70 Resp: 289780
Ion Ratio Lower Upper
70 100
42 71.3 57.2 85.8
101 9.3 7.3 10.9
130 20.1 15.0 22.4

Manual Integrations
APPROVED

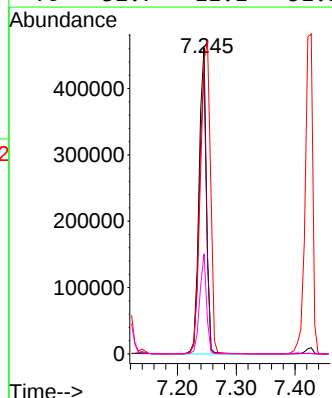
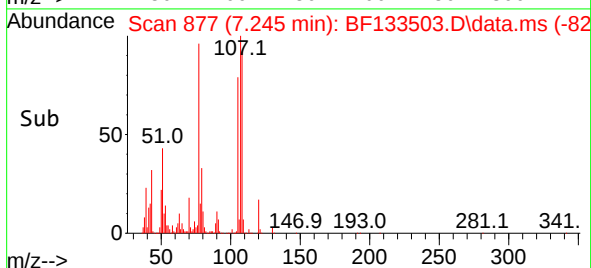
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

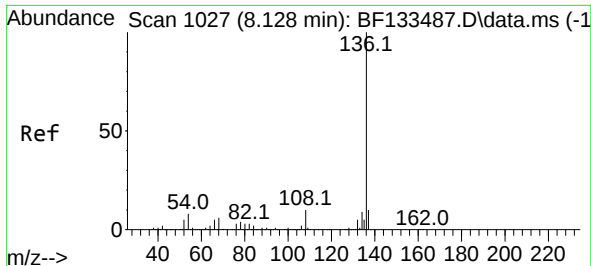


#20
3+4-Methylphenols
Concen: 47.383 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



Tgt Ion:107 Resp: 403591
Ion Ratio Lower Upper
107 100
108 92.4 72.0 112.0
77 96.1 61.9 101.9
79 32.7 11.1 51.1





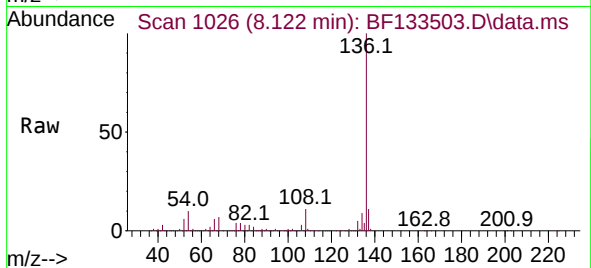
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

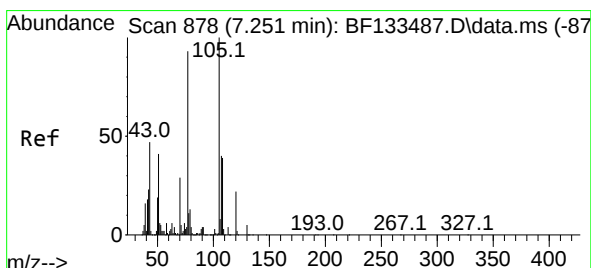
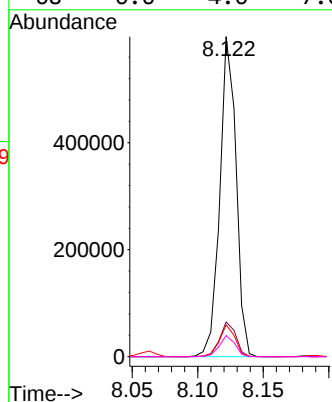
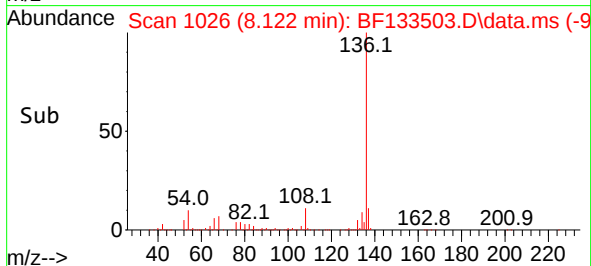


Tgt Ion:136 Resp: 515119
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 10.0 6.6 10.0
68 6.6 4.6 7.0

Manual Integrations

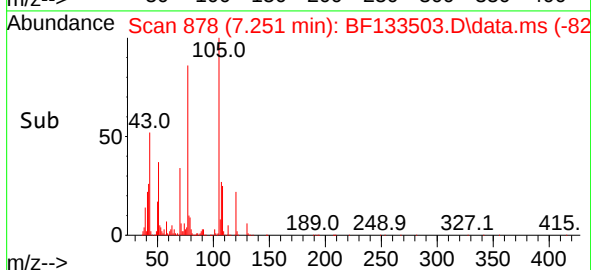
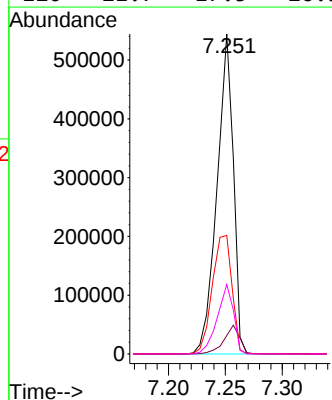
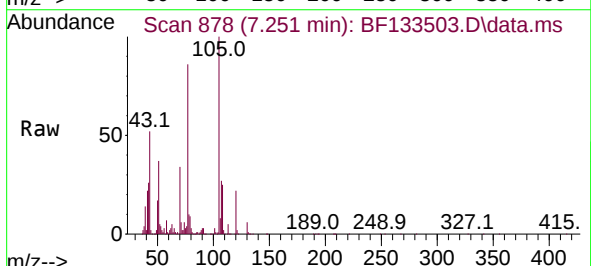
APPROVED

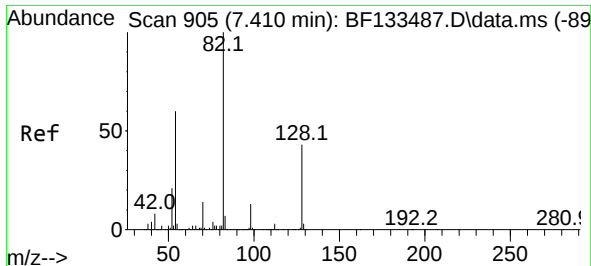
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#22
Acetophenone
Concen: 45.998 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

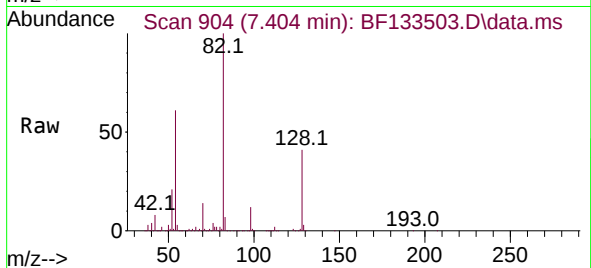
Tgt Ion:105 Resp: 545662
Ion Ratio Lower Upper
105 100
71 5.7 3.8 5.8
51 37.0 32.6 49.0
120 21.7 17.5 26.3





#23
Nitrobenzene-d5
Concen: 107.627 ng
RT: 7.404 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

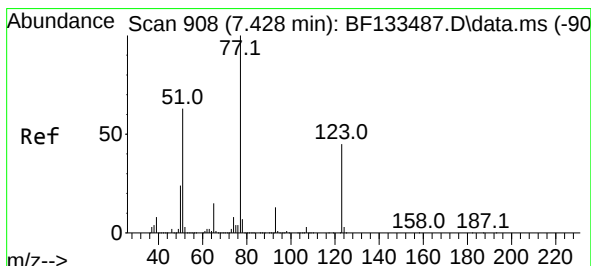
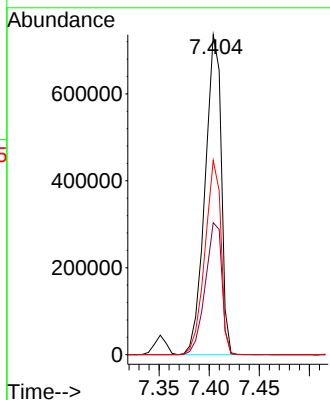
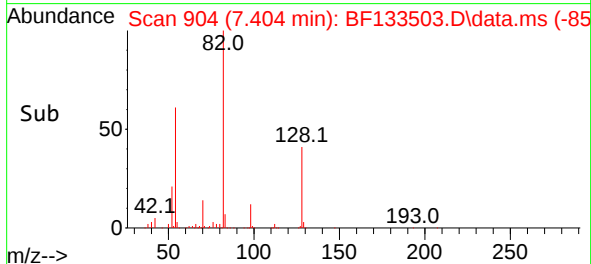
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



Tgt Ion: 82 Resp: 830338
Ion Ratio Lower Upper
82 100
128 41.3 34.2 51.4
54 60.8 48.2 72.4

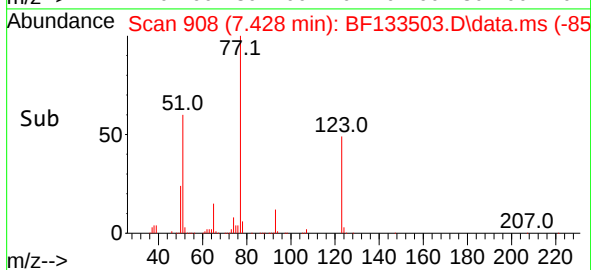
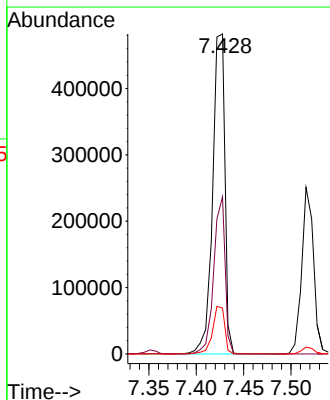
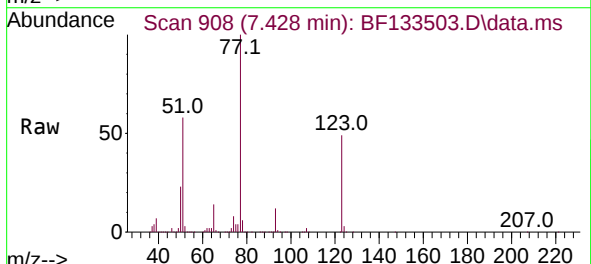
Manual Integrations
APPROVED

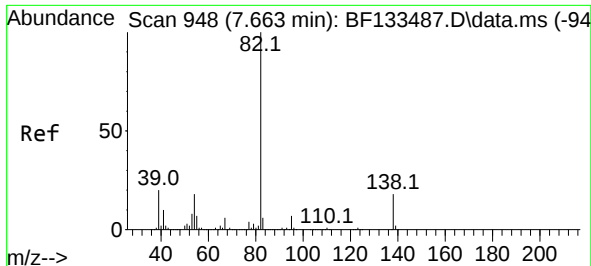
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#24
Nitrobenzene
Concen: 53.167 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

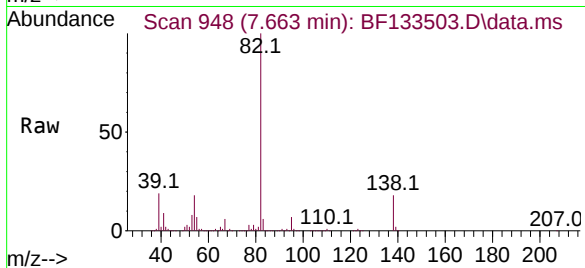
Tgt Ion: 77 Resp: 437055
Ion Ratio Lower Upper
77 100
123 49.1 35.8 53.8
65 14.4 11.8 17.8





#25
Isophorone
Concen: 45.184 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

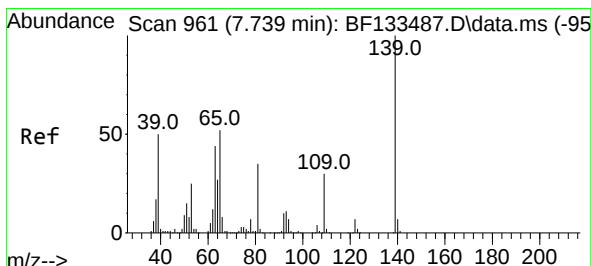
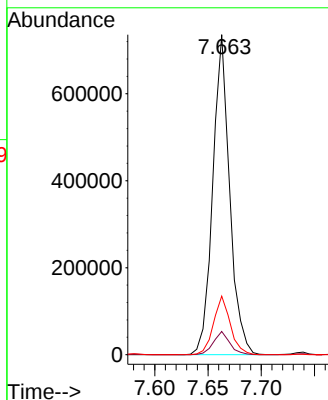
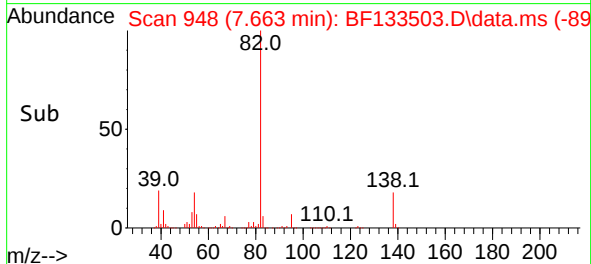
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



Tgt Ion: 82 Resp: 812428
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.3 14.2 21.4

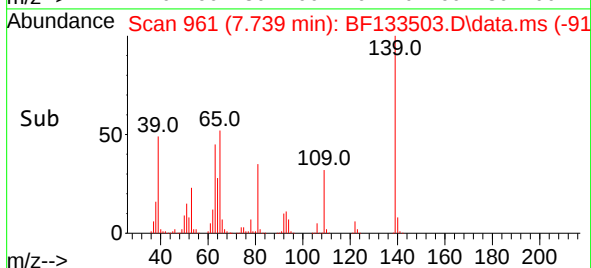
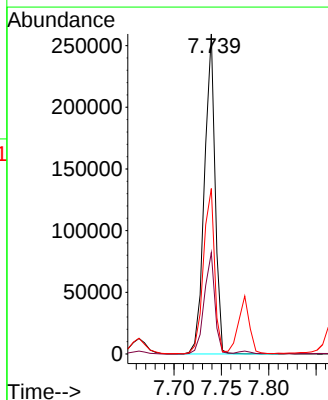
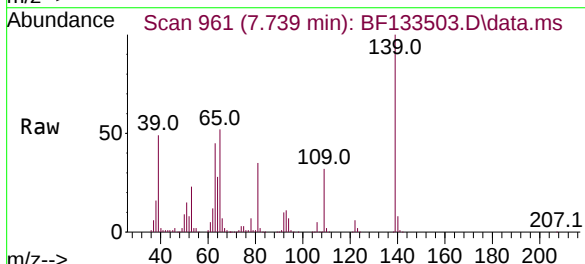
Manual Integrations
APPROVED

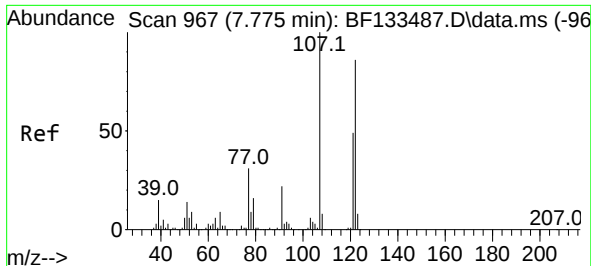
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#26
2-Nitrophenol
Concen: 53.255 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Tgt Ion:139 Resp: 202774
Ion Ratio Lower Upper
139 100
109 31.7 24.0 36.0
65 51.7 41.7 62.5





#27

2,4-Dimethylphenol

Concen: 46.881 ng

RT: 7.775 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF133503.D

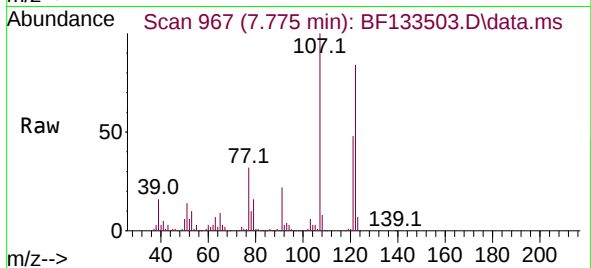
Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD



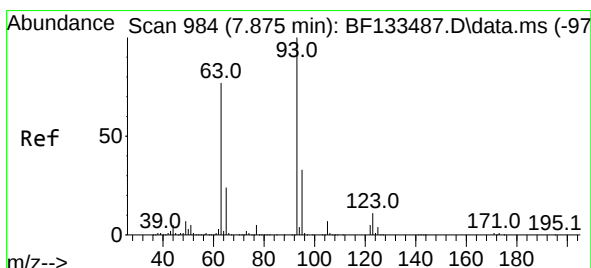
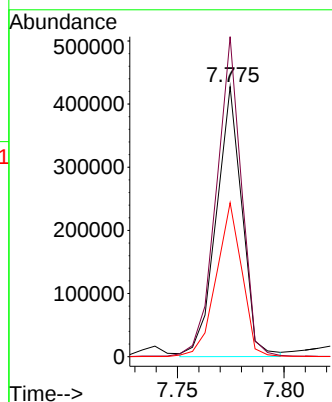
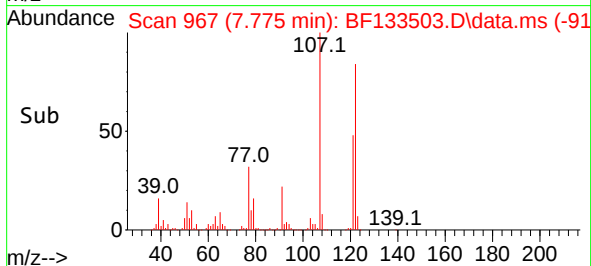
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.5	93.4	140.0
121	57.0	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.114 ng

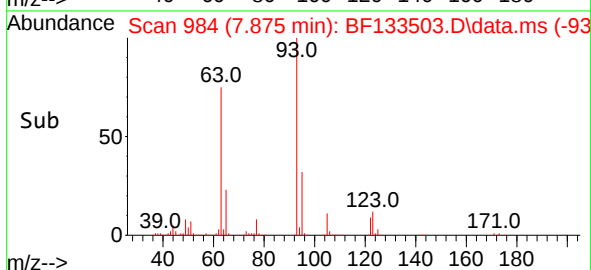
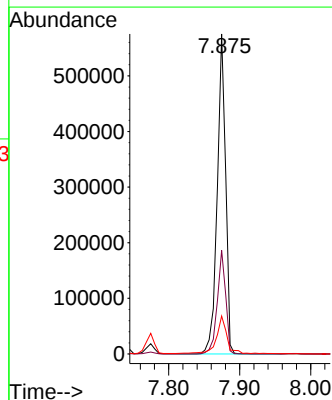
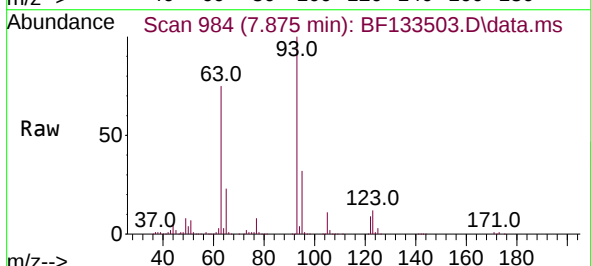
RT: 7.875 min Scan# 984

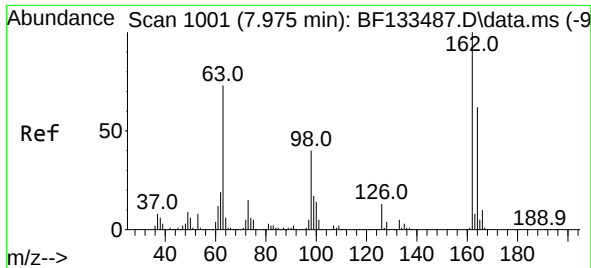
Delta R.T. -0.000 min

Lab File: BF133503.D

Acq: 26 May 2023 17:22

Tgt 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: 48.101 ng

RT: 7.981 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF133503.D

Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

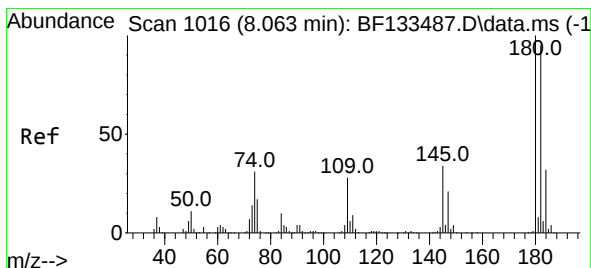
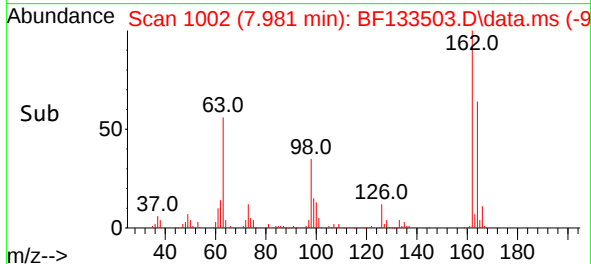
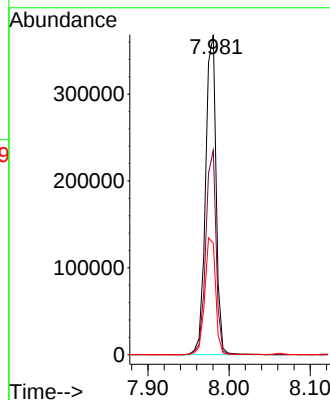
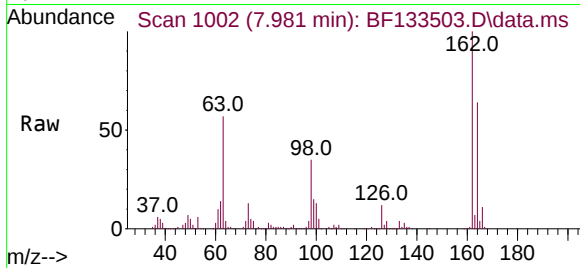
Tgt Ion:162 Resp: 331075
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.2 82.2
 98 34.8 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.538 ng

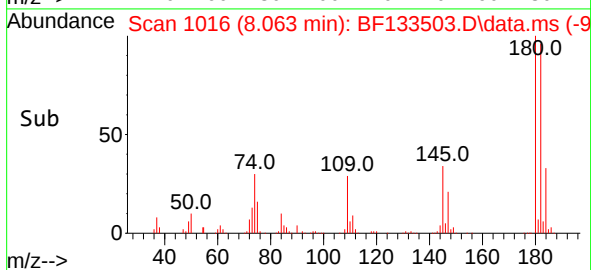
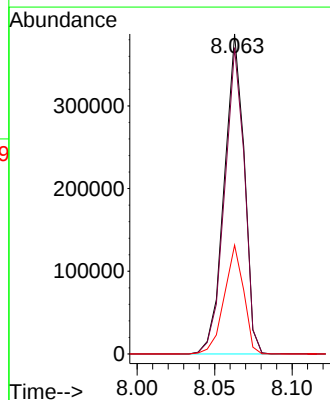
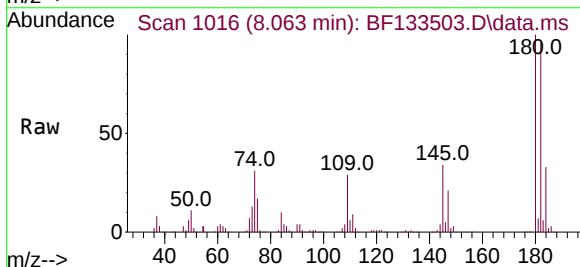
RT: 8.063 min Scan# 1016

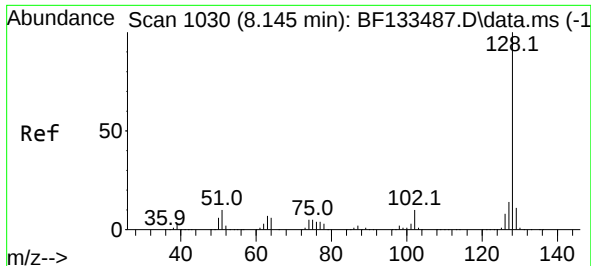
Delta R.T. -0.000 min

Lab File: BF133503.D

Acq: 26 May 2023 17:22

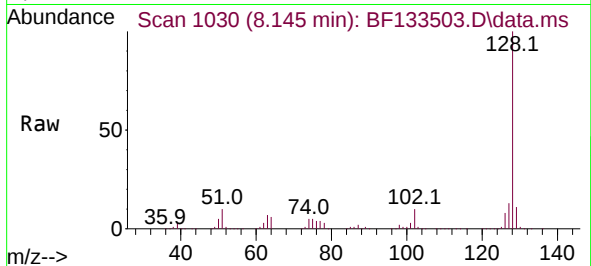
Tgt Ion:180 Resp: 346471
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.1 114.1
 145 34.0 27.0 40.4





#31
Naphthalene
Concen: 44.781 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

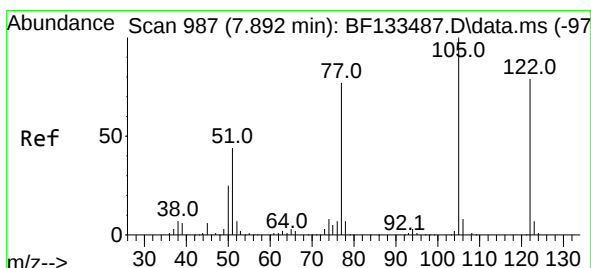
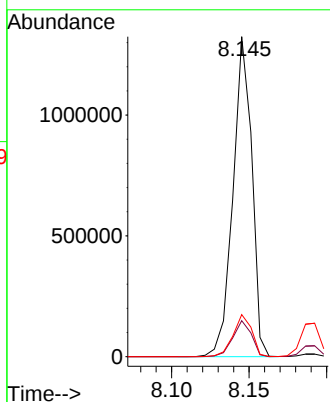
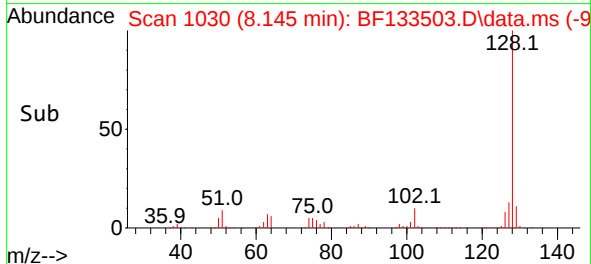
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



Tgt Ion:128 Resp: 111833
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.1 10.9 16.3

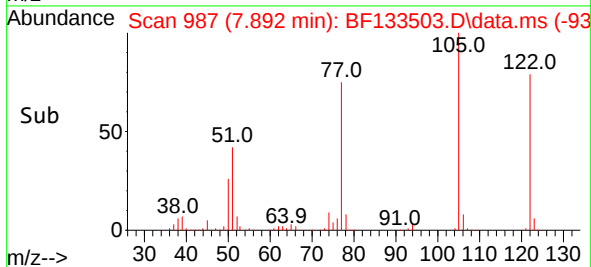
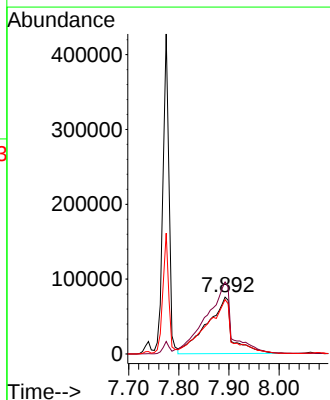
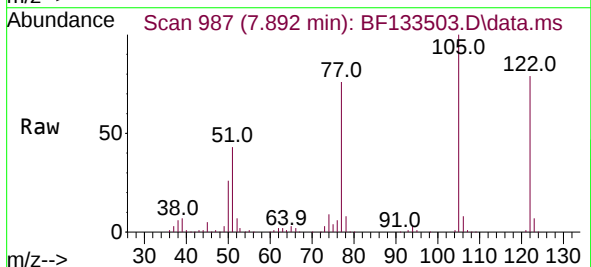
Manual Integrations
APPROVED

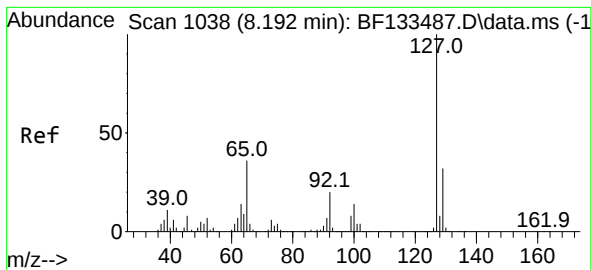
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#32
Benzoic acid
Concen: 52.633 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Tgt Ion:122 Resp: 269456
Ion Ratio Lower Upper
122 100
105 126.8 103.3 143.3
77 95.7 75.7 115.7





#33
4-Chloroaniline
Concen: 11.912 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

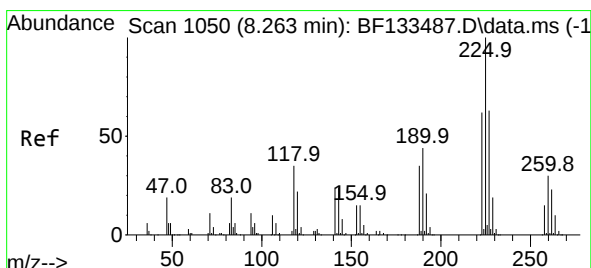
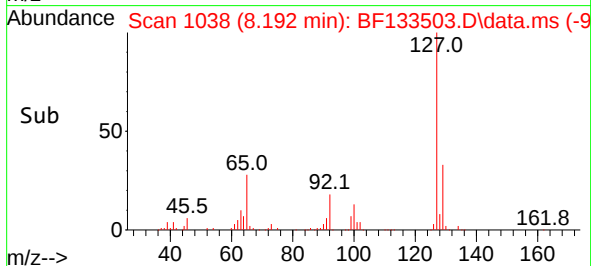
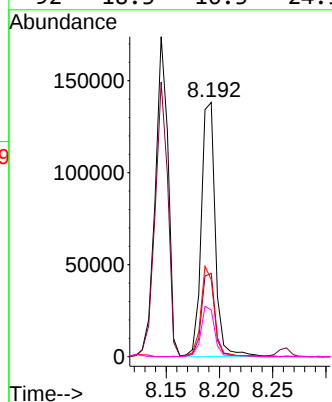
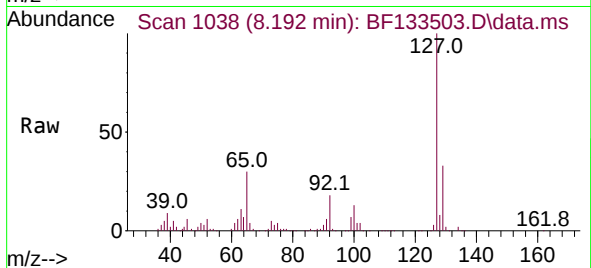
PB153075BSD

Tgt Ion:127 Resp: 127504
Ion Ratio Lower Upper
127 100
129 32.7 25.9 38.9
65 30.3 29.0 43.6
92 18.3 16.3 24.5

Manual Integrations

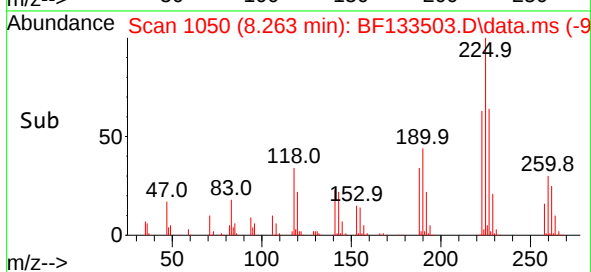
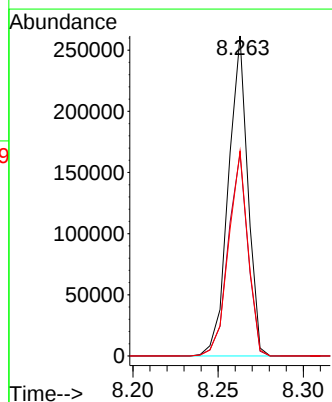
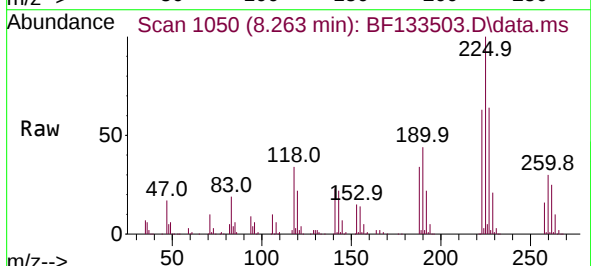
APPROVED

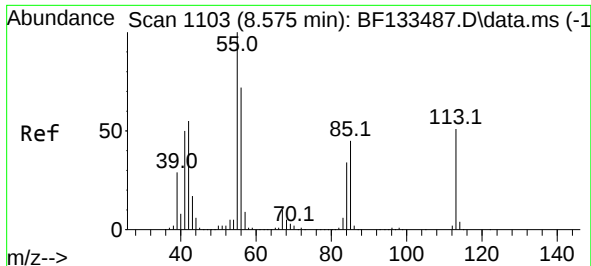
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#34
Hexachlorobutadiene
Concen: 45.837 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

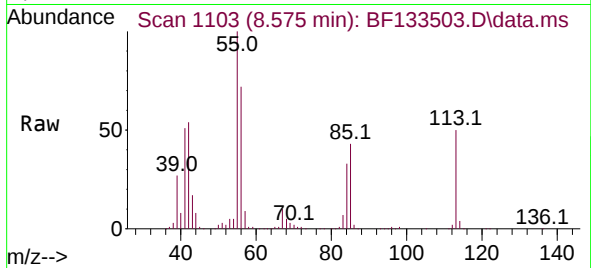
Tgt Ion:225 Resp: 207581
Ion Ratio Lower Upper
225 100
223 63.3 49.8 74.8
227 64.0 50.2 75.4





#35
Caprolactam
Concen: 54.417 ng m
RT: 8.575 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

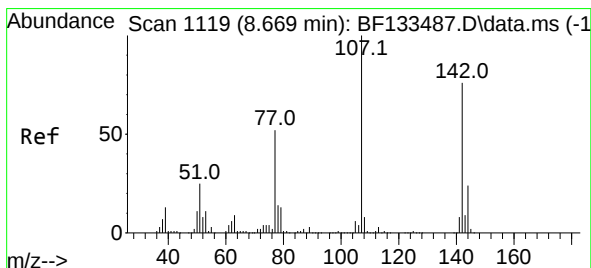
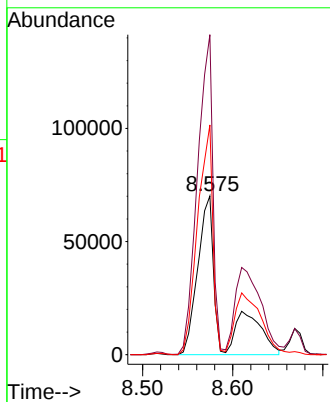
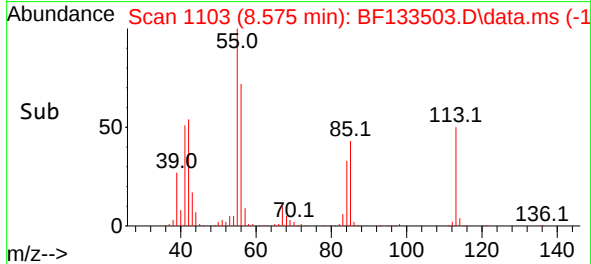
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



Tgt Ion:113 Resp: 122830
Ion Ratio Lower Upper
113 100
55 201.7 177.5 217.5
56 144.8 122.3 162.3

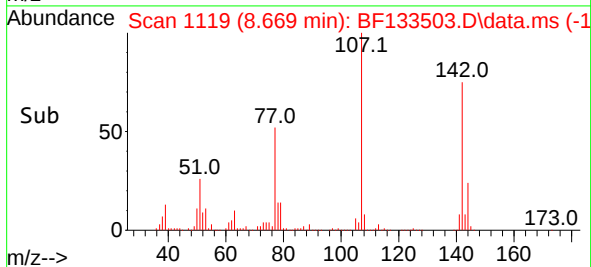
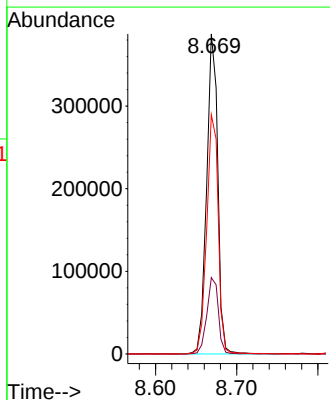
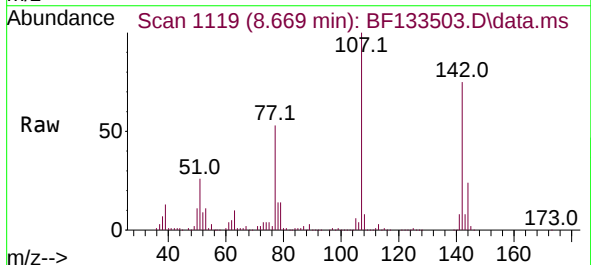
Manual Integrations
APPROVED

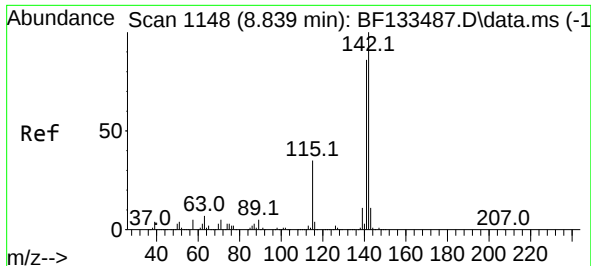
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#36
4-Chloro-3-methylphenol
Concen: 47.529 ng
RT: 8.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Tgt Ion:107 Resp: 366459
Ion Ratio Lower Upper
107 100
144 23.9 19.4 29.0
142 74.8 60.5 90.7





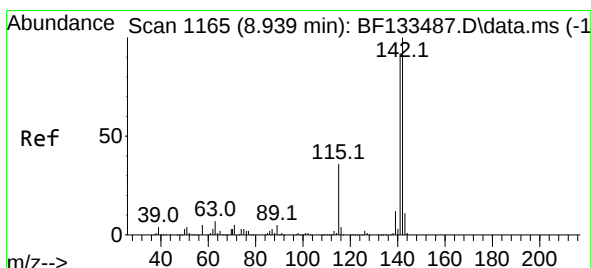
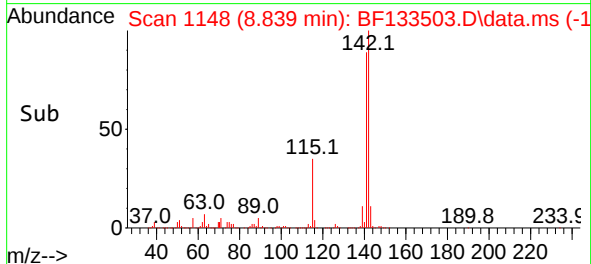
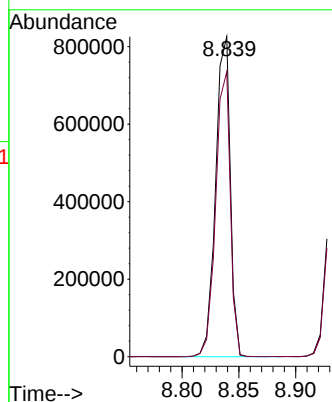
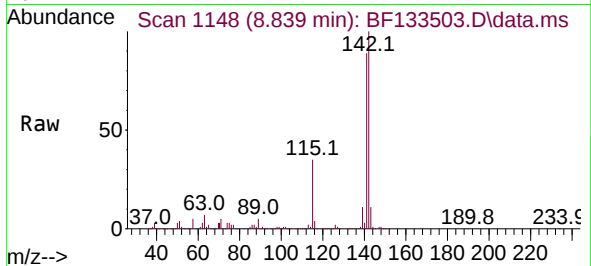
#37
2-Methylnaphthalene
Concen: 43.531 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Instrument :
BNA_F
ClientSampleId :
PB153075BSD

Tgt Ion:142 Resp: 74226
Ion Ratio Lower Upper
142 100
141 89.1 69.2 103.8

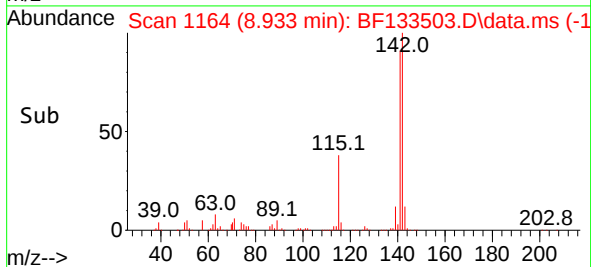
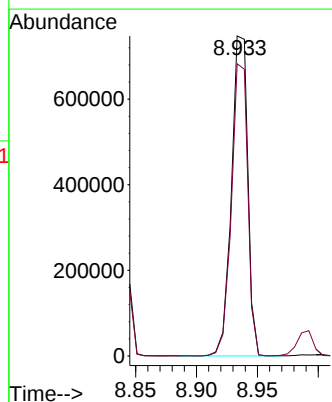
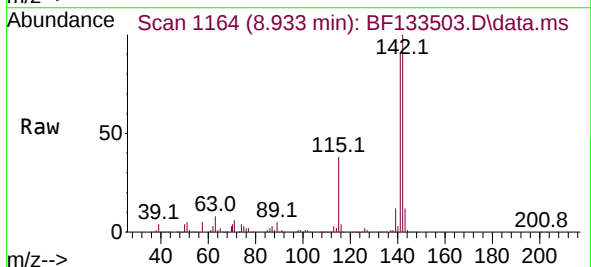
Manual Integrations
APPROVED

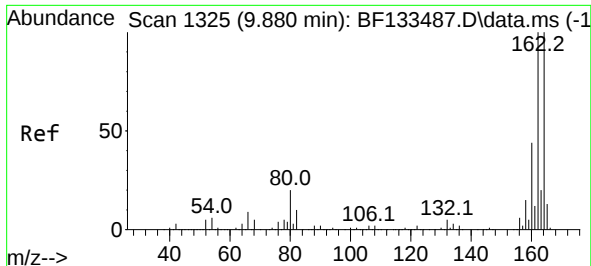
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#38
1-Methylnaphthalene
Concen: 44.090 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Tgt Ion:142 Resp: 700790
Ion Ratio Lower Upper
142 100
141 91.3 73.6 110.4





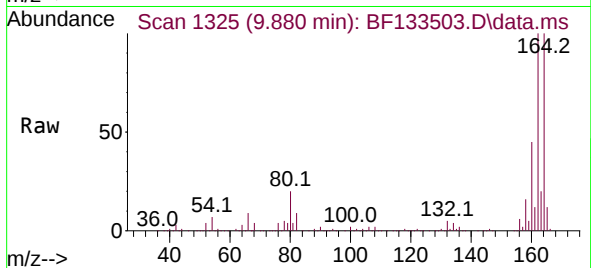
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11325
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

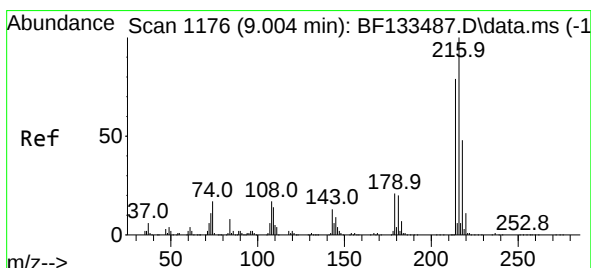
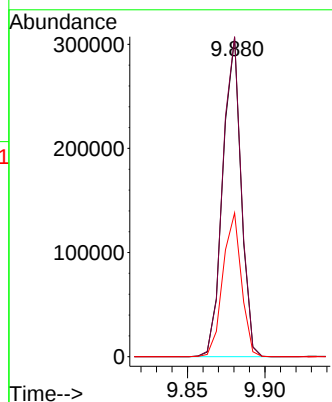
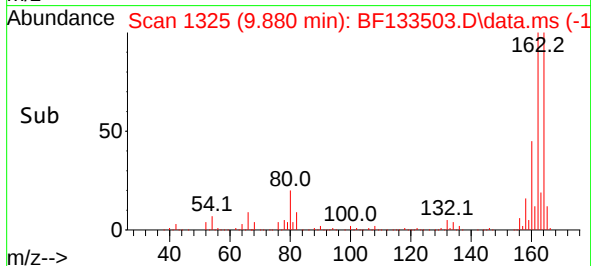


Tgt Ion:164 Resp: 25154
Ion Ratio Lower Upper
164 100
162 100.3 79.7 119.5
160 45.0 35.4 53.0

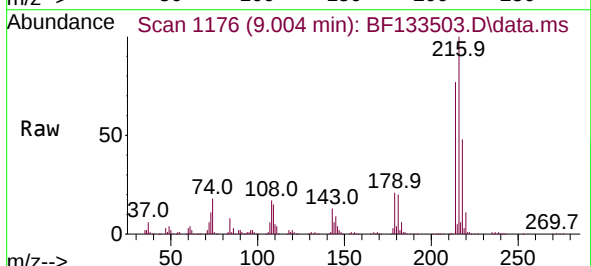
Manual Integrations

APPROVED

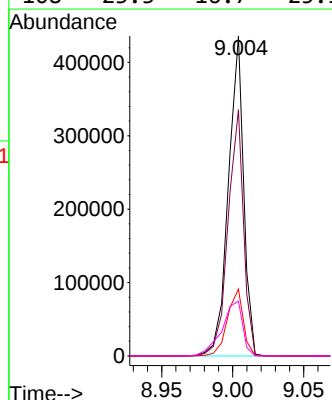
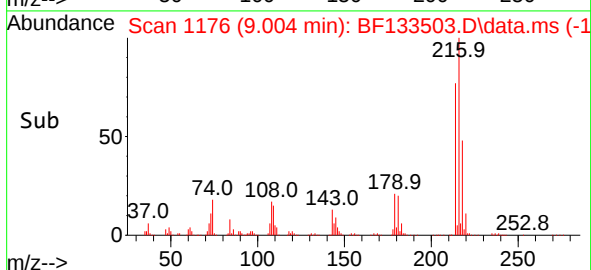
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

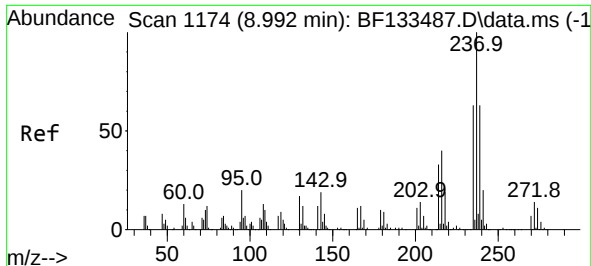


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.789 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



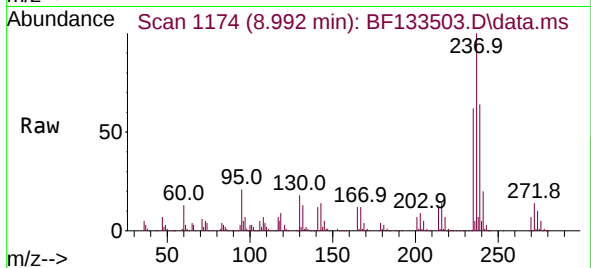
Tgt Ion:216 Resp: 326460
Ion Ratio Lower Upper
216 100
214 78.1 63.2 94.8
179 21.7 17.3 25.9
108 23.3 16.7 25.1





#41
Hexachlorocyclopentadiene
Concen: 109.469 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

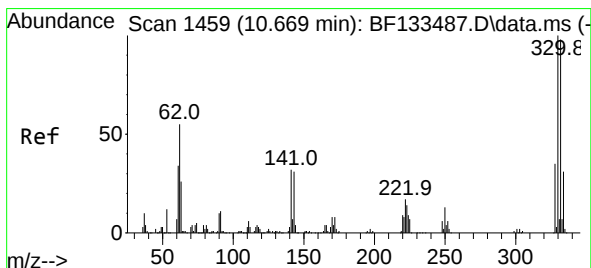
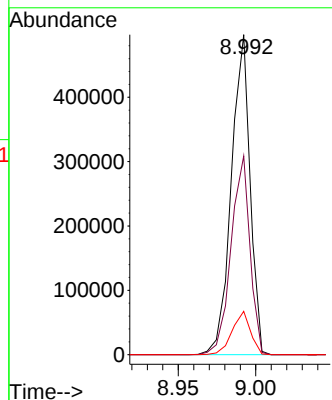
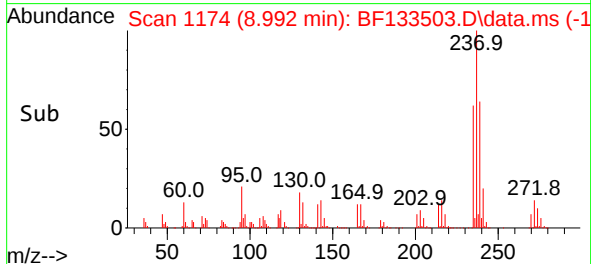
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



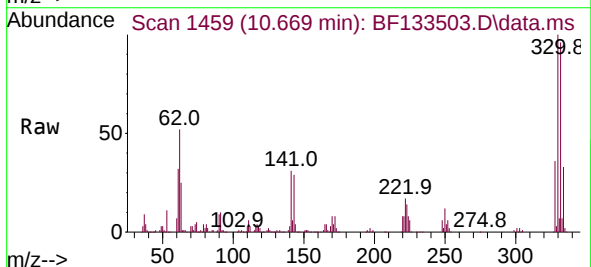
Tgt Ion: 237 Resp: 418234
Ion Ratio Lower Upper
237 100
235 62.1 43.0 83.0
272 13.6 0.0 33.5

Manual Integrations
APPROVED

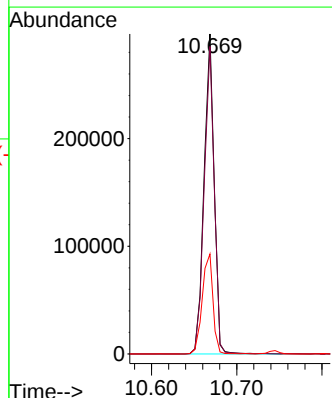
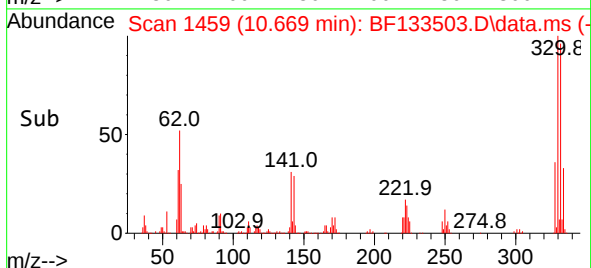
Reviewed By : Christian Giraldo 05/30/2023
Supervised By : Jagrut Upadhyay 05/31/2023

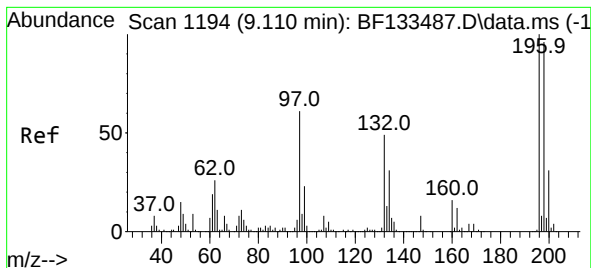


#42
2,4,6-Tribromophenol
Concen: 97.832 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



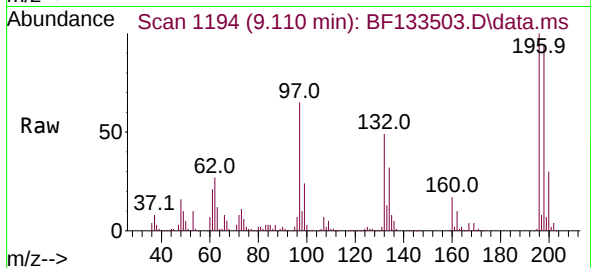
Tgt Ion: 330 Resp: 245303
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.6
141 33.2 26.6 40.0





#43
2,4,6-Trichlorophenol
Concen: 49.228 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

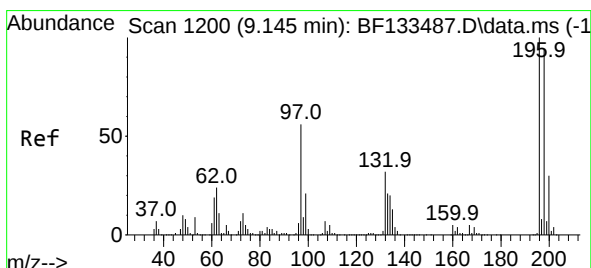
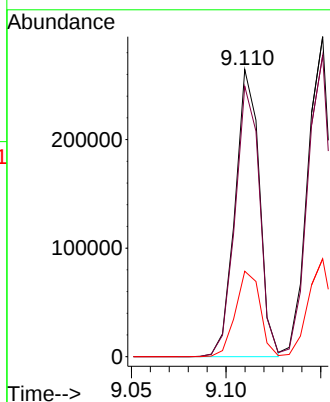
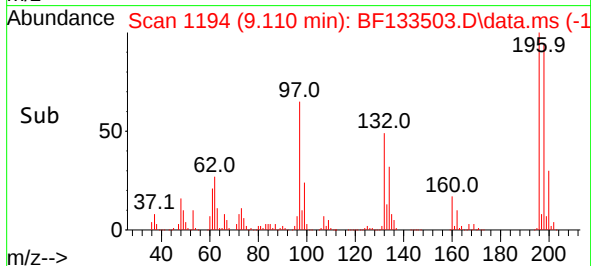
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



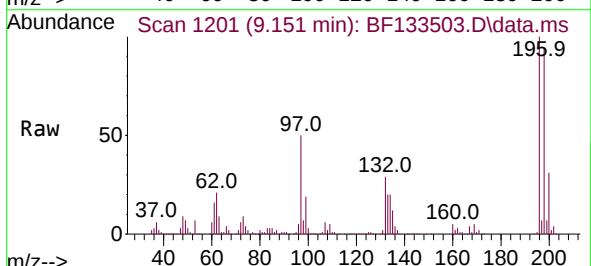
Tgt Ion:196 Resp: 23484
Ion Ratio Lower Upper
196 100
198 94.2 76.6 115.0
200 29.7 24.6 37.0

Manual Integrations
APPROVED

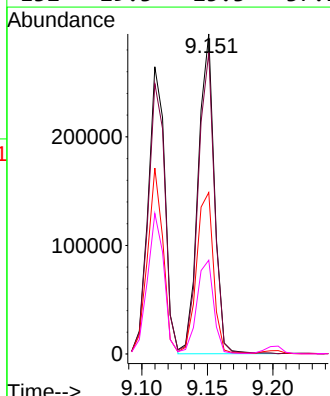
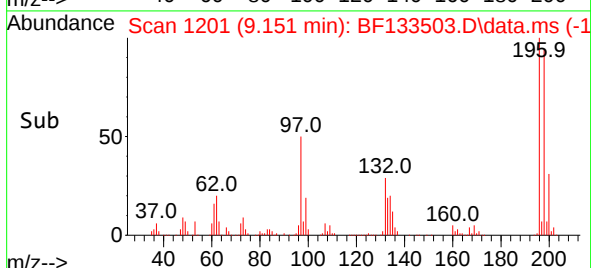
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

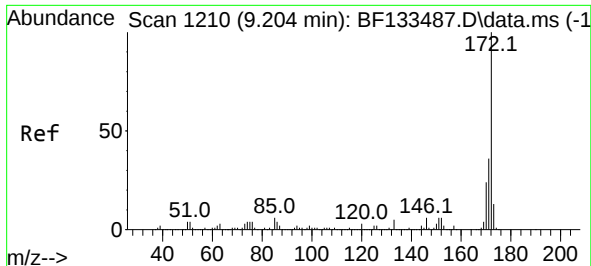


#44
2,4,5-Trichlorophenol
Concen: 45.694 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



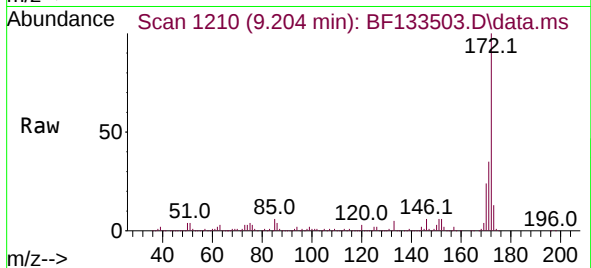
Tgt Ion:196 Resp: 253017
Ion Ratio Lower Upper
196 100
198 94.1 75.3 112.9
97 50.5 44.9 67.3
132 29.3 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 86.621 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

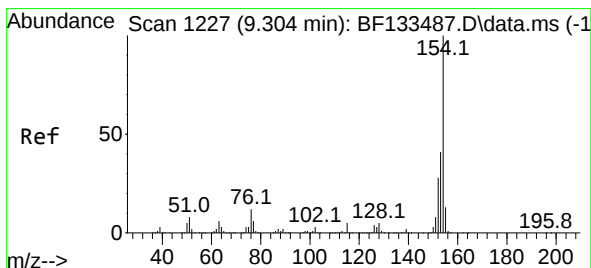
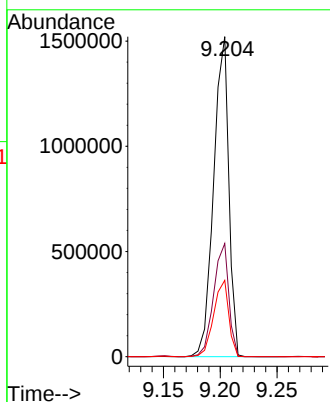
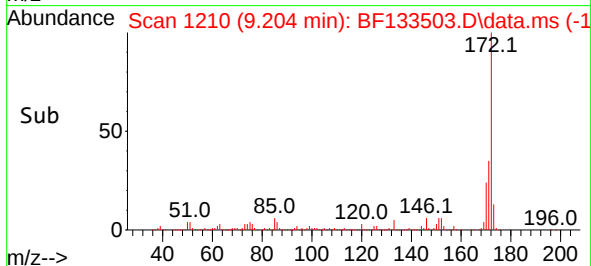
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



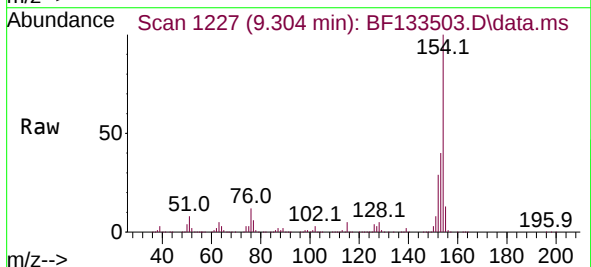
Tgt Ion:172 Resp: 1411698
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 19.3 28.9

Manual Integrations
APPROVED

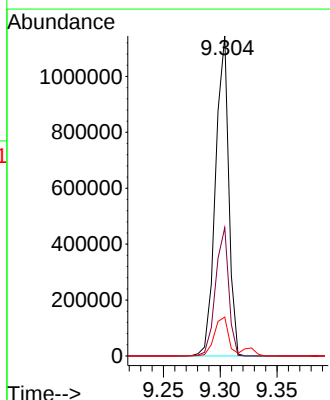
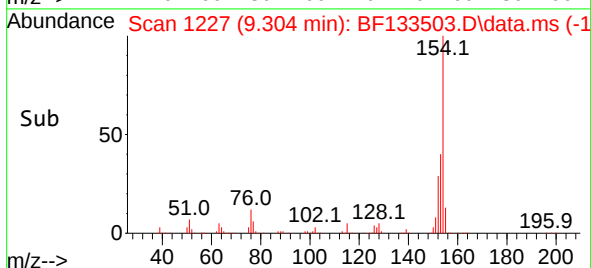
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

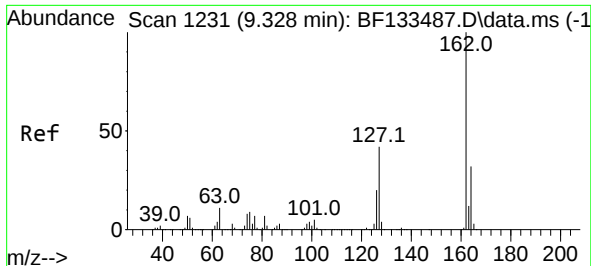


#46
1,1'-Biphenyl
Concen: 45.186 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



Tgt Ion:154 Resp: 923449
Ion Ratio Lower Upper
154 100
153 40.1 21.0 61.0
76 12.2 0.0 32.5





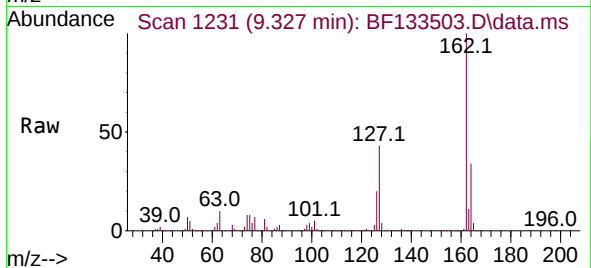
#47
2-Chloronaphthalene
Concen: 45.496 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.001 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

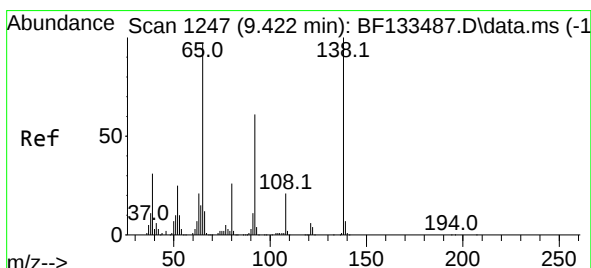
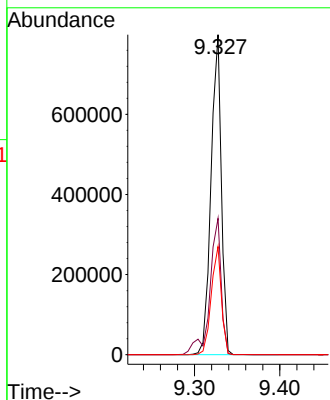
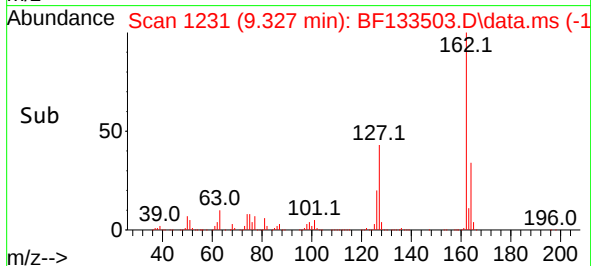


Tgt Ion:162 Resp: 673850
Ion Ratio Lower Upper
162 100
127 42.6 33.2 49.8
164 33.8 26.0 39.0

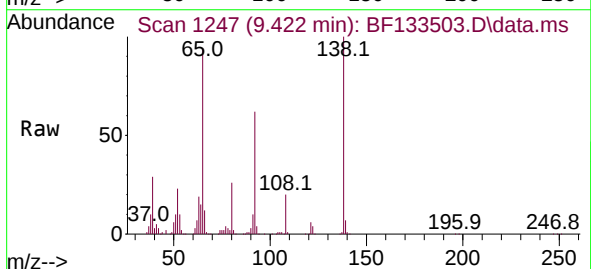
Manual Integrations

APPROVED

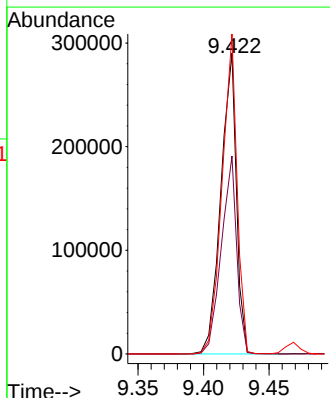
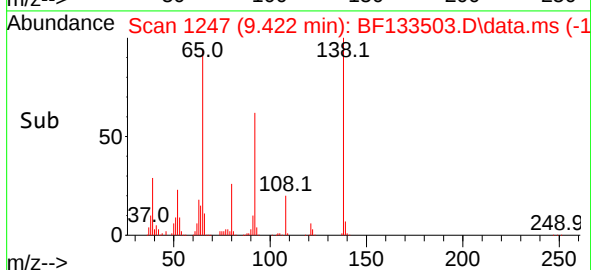
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

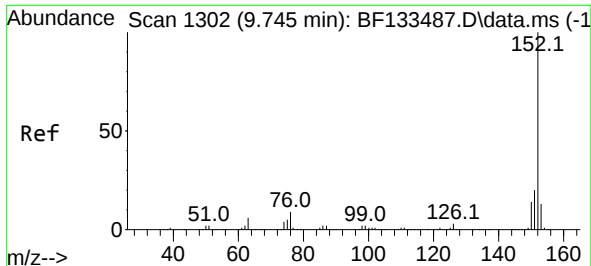


#48
2-Nitroaniline
Concen: 50.124 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



Tgt Ion: 65 Resp: 239271
Ion Ratio Lower Upper
65 100
92 65.8 50.8 76.2
138 106.4 82.6 124.0





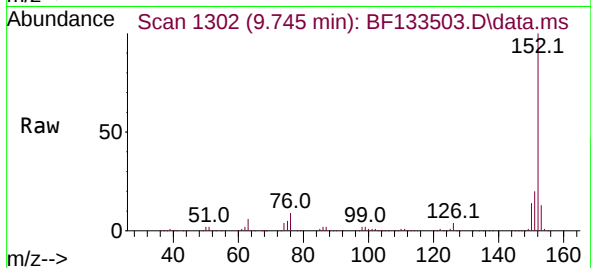
#49
Acenaphthylene
Concen: 45.266 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

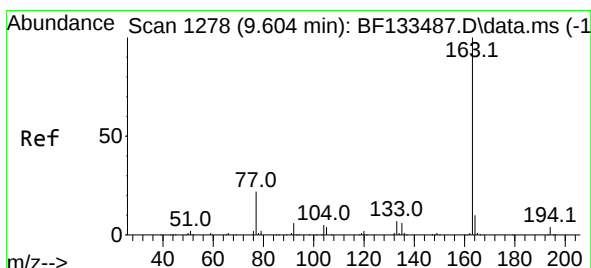
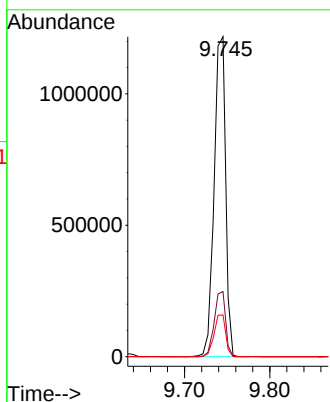
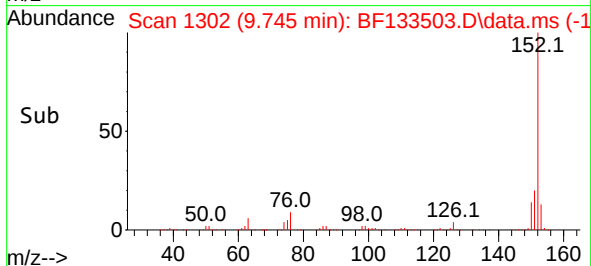


Tgt Ion:152 Resp: 114412
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.1 10.4 15.6

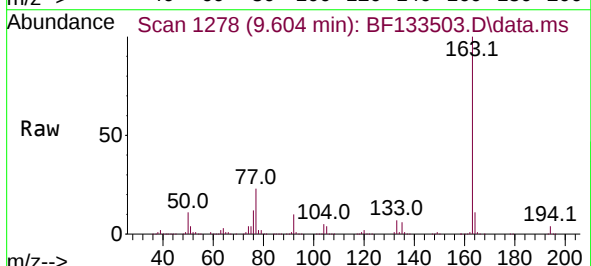
Manual Integrations

APPROVED

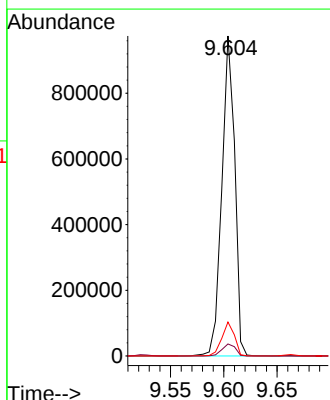
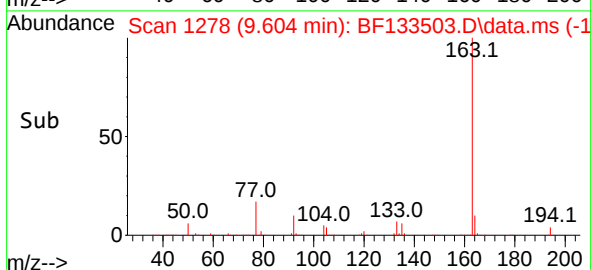
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

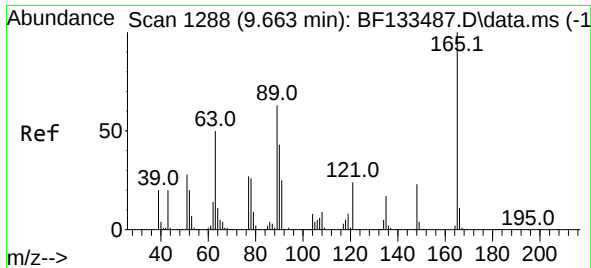


#50
Dimethylphthalate
Concen: 46.126 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



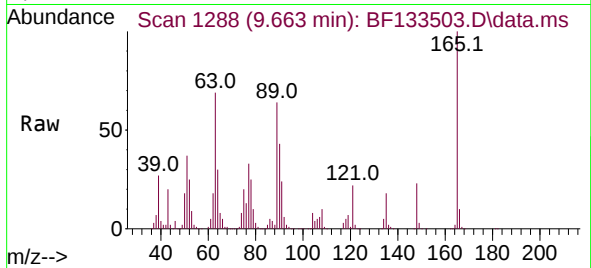
Tgt Ion:163 Resp: 815467
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.925 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

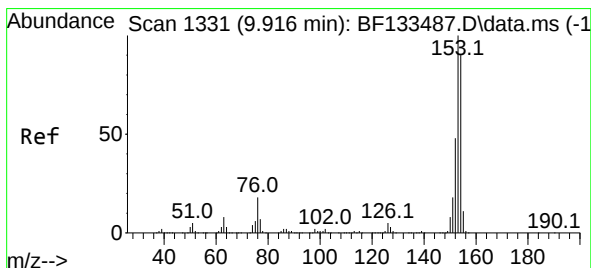
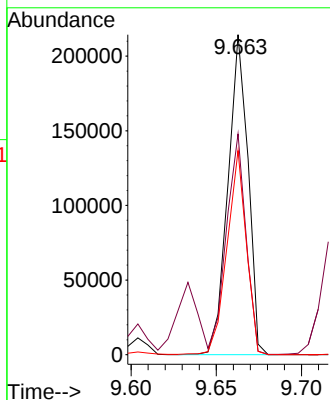
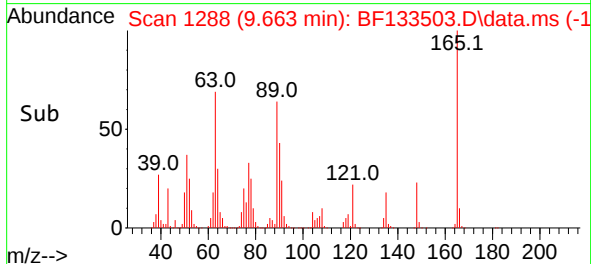
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



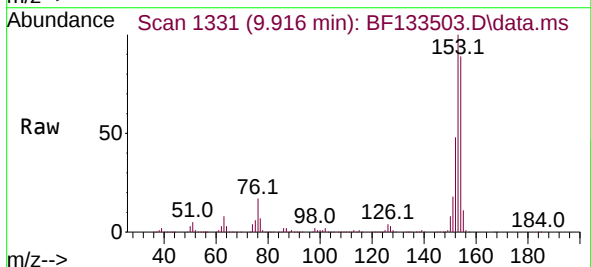
Tgt Ion:165 Resp: 17563
Ion Ratio Lower Upper
165 100
63 69.0 57.0 85.4
89 63.8 50.8 76.2

Manual Integrations
APPROVED

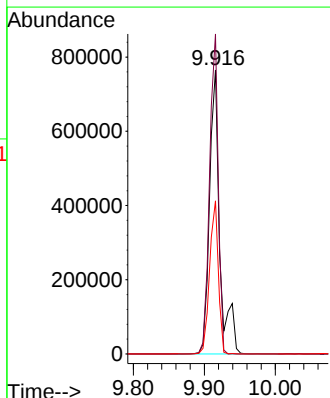
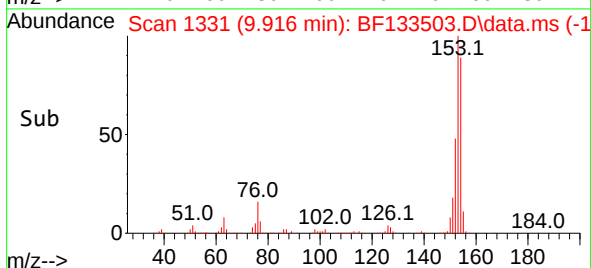
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

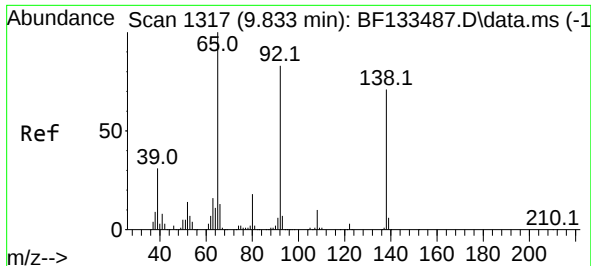


#52
Acenaphthene
Concen: 50.391 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



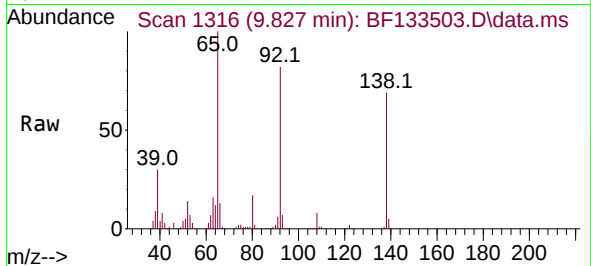
Tgt Ion:154 Resp: 771533
Ion Ratio Lower Upper
154 100
153 112.7 89.2 133.8
152 53.9 43.1 64.7





#53
3-Nitroaniline
Concen: 29.472 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

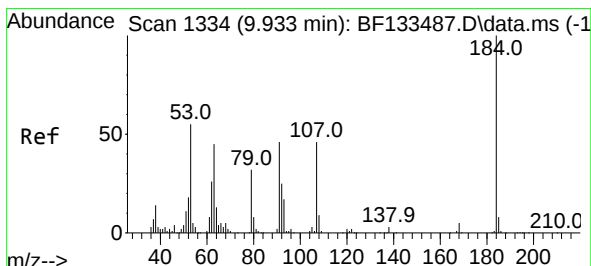
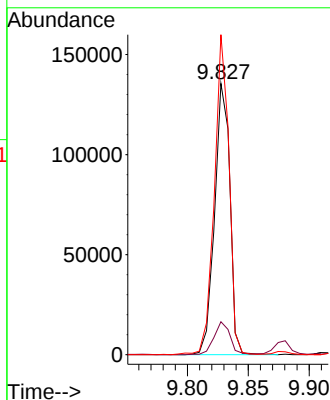
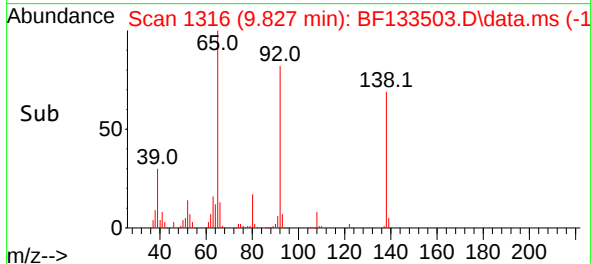
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



Tgt Ion:138 Resp: 11865
Ion Ratio Lower Upper
138 100
108 12.1 11.9 17.9
92 118.0 93.1 139.7

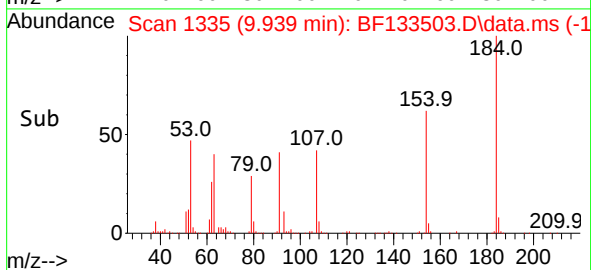
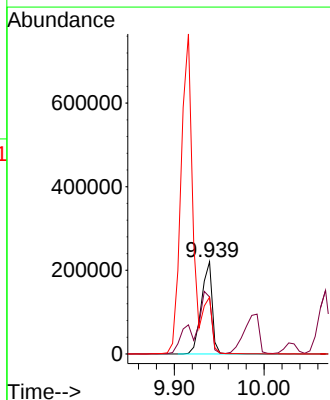
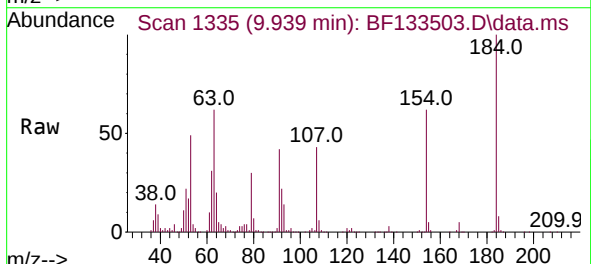
Manual Integrations
APPROVED

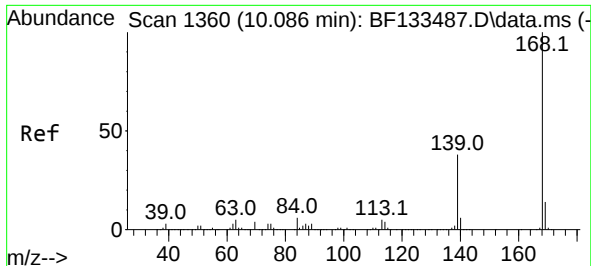
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#54
2,4-Dinitrophenol
Concen: 98.689 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

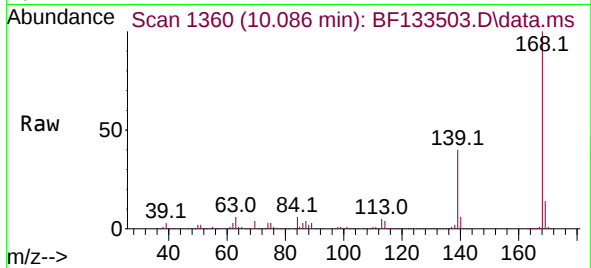
Tgt Ion:184 Resp: 185069
Ion Ratio Lower Upper
184 100
63 61.7 55.7 83.5
154 61.6 49.3 73.9





#55
Dibenzofuran
Concen: 44.708 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

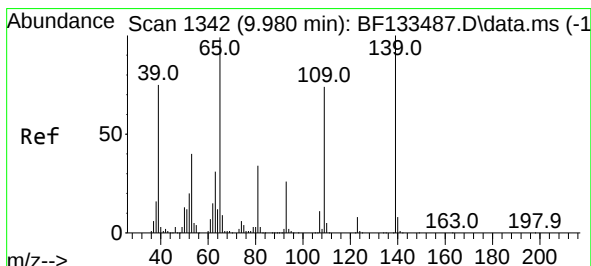
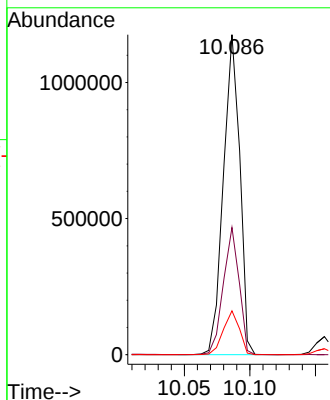
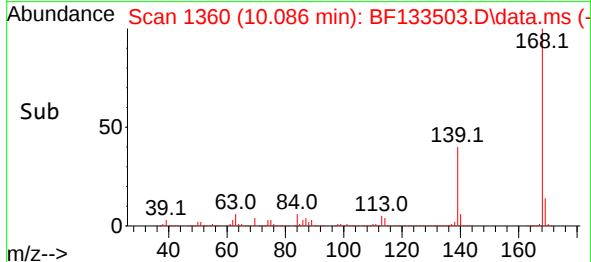
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



Tgt Ion:168 Resp: 101839
Ion Ratio Lower Upper
168 100
139 39.7 30.6 46.0
169 13.7 10.9 16.3

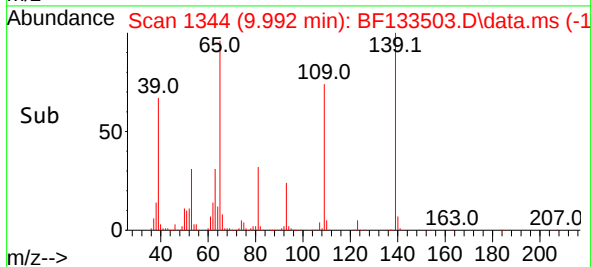
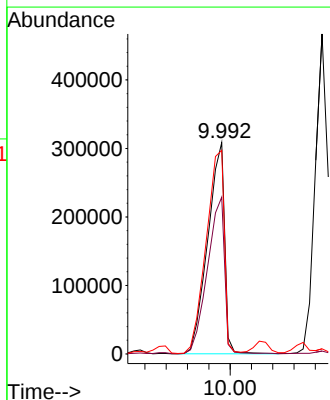
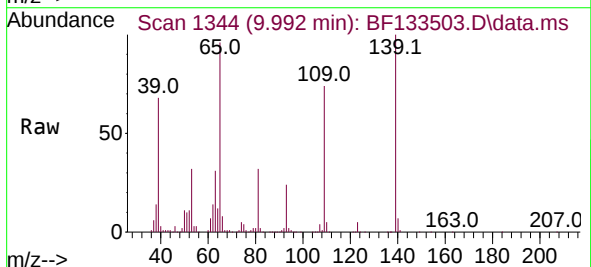
Manual Integrations
APPROVED

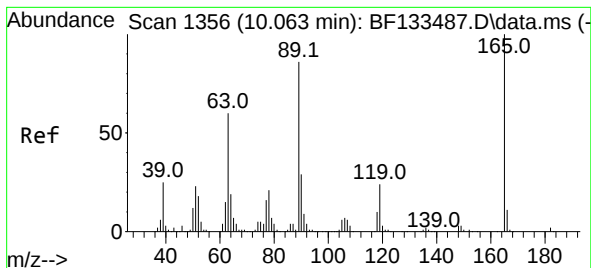
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#56
4-Nitrophenol
Concen: 111.715 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Tgt Ion:139 Resp: 337906
Ion Ratio Lower Upper
139 100
109 74.1 54.5 94.5
65 96.4 79.5 119.5





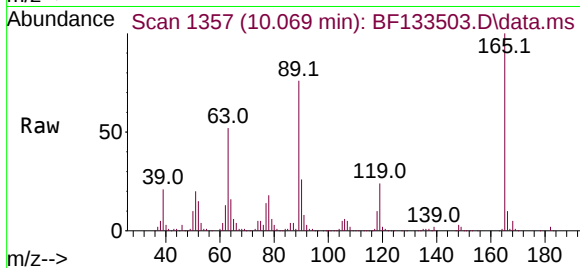
#57
2,4-Dinitrotoluene
Concen: 54.287 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

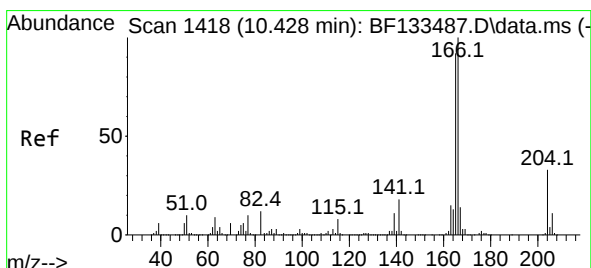
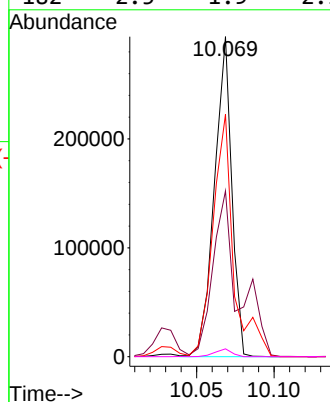
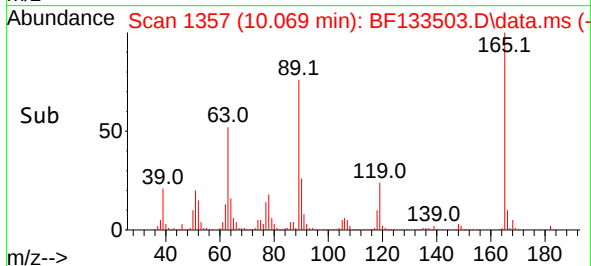


Tgt Ion:165 Resp: 22936
Ion Ratio Lower Upper
165 100
63 51.8 48.1 72.1
89 75.7 68.4 102.6
182 2.5 1.9 2.9

Manual Integrations

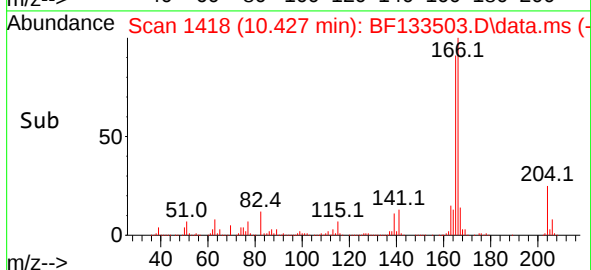
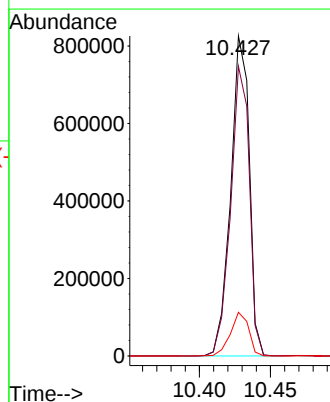
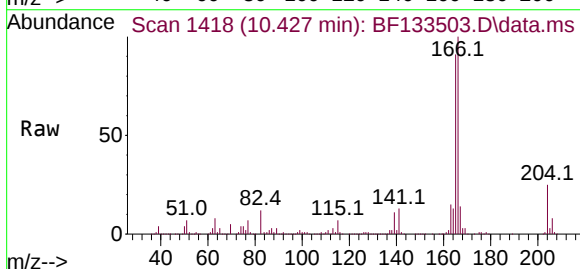
APPROVED

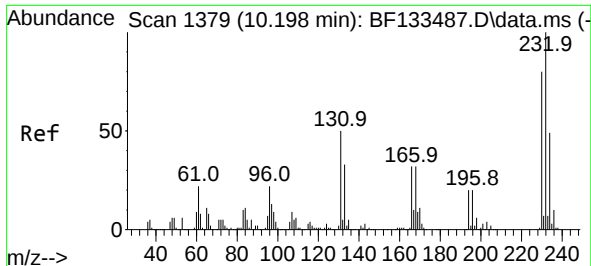
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#58
Fluorene
Concen: 45.162 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

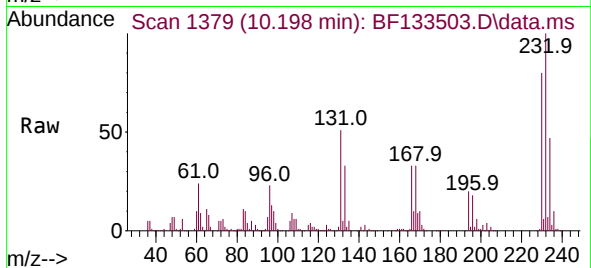
Tgt Ion:166 Resp: 753708
Ion Ratio Lower Upper
166 100
165 90.5 73.4 110.0
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.680 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

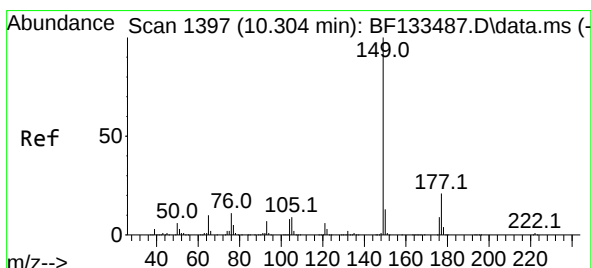
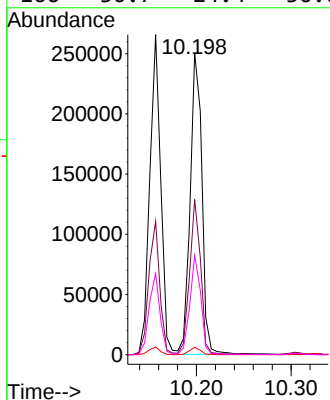
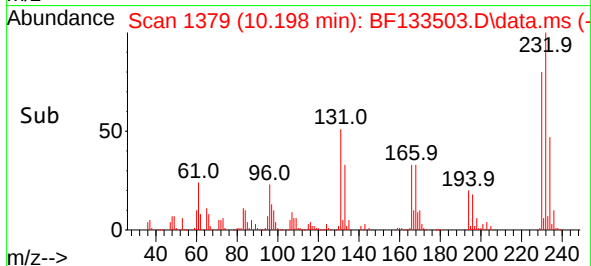
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



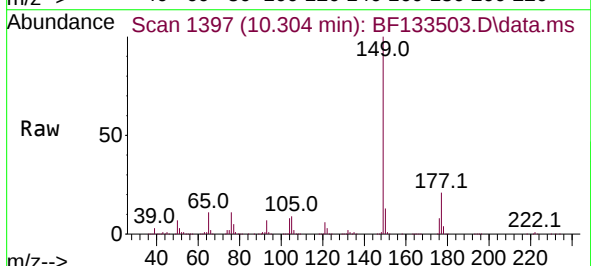
Tgt Ion:232 Resp: 215510
Ion Ratio Lower Upper
232 100
131 47.8 37.9 56.9
130 2.3 1.8 2.6
166 30.7 24.4 36.6

Manual Integrations
APPROVED

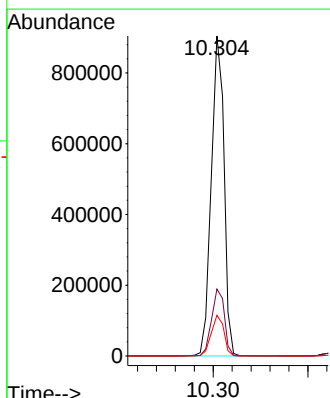
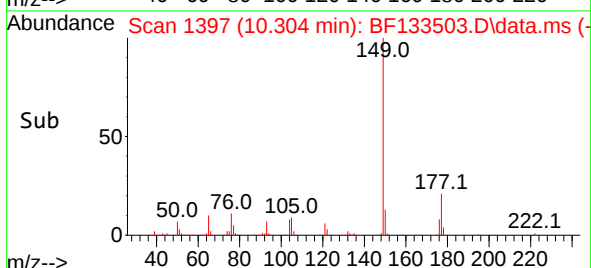
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

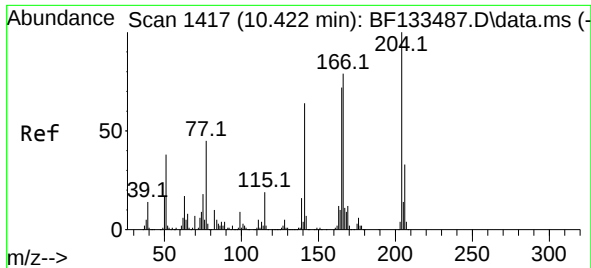


#60
Diethylphthalate
Concen: 46.161 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



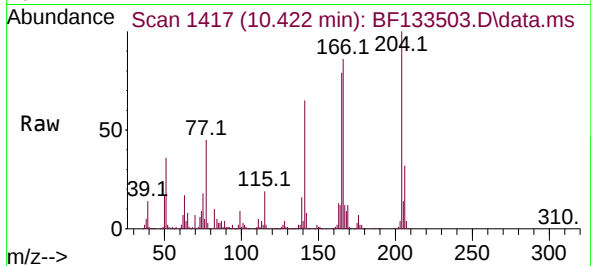
Tgt Ion:149 Resp: 847186
Ion Ratio Lower Upper
149 100
177 20.9 17.1 25.7
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.745 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

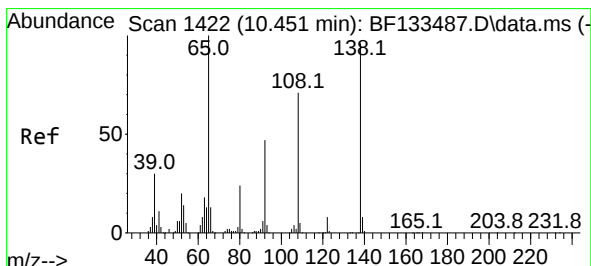
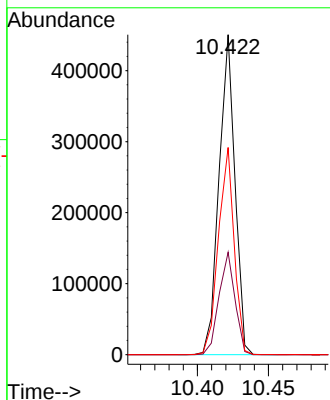
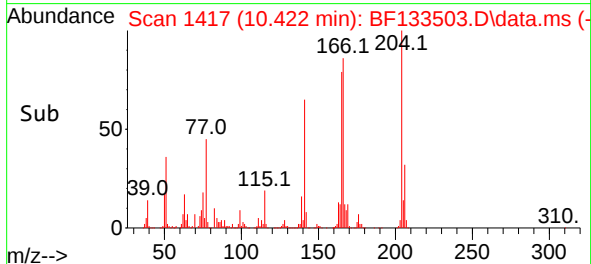
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



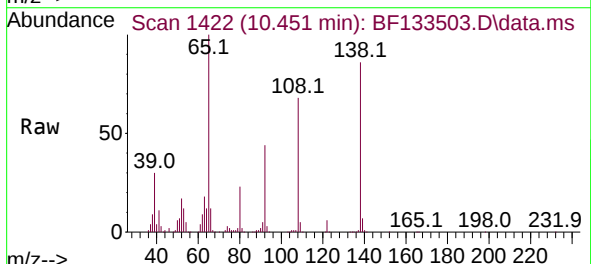
Tgt Ion:204 Resp: 350549
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 64.8 51.4 77.2

Manual Integrations
APPROVED

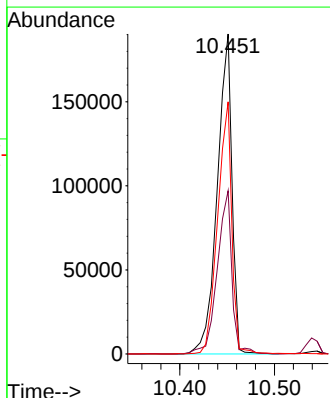
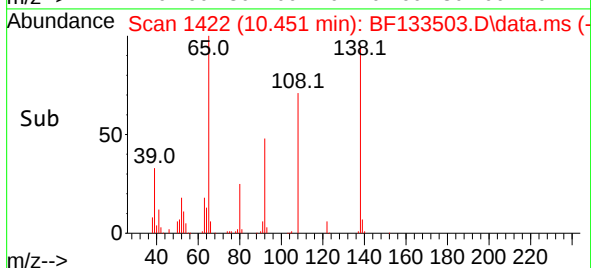
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

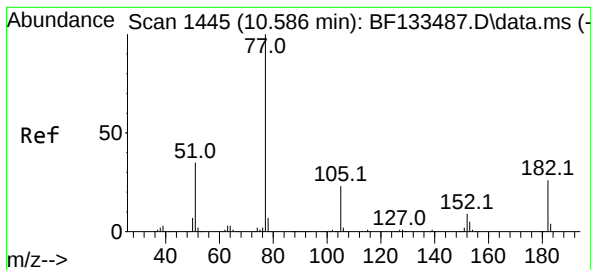


#62
4-Nitroaniline
Concen: 48.424 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



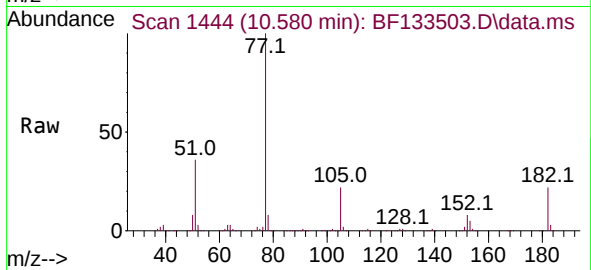
Tgt Ion:138 Resp: 205746
Ion Ratio Lower Upper
138 100
92 51.0 28.4 68.4
108 78.8 54.2 94.2





#63
Azobenzene
Concen: 45.034 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

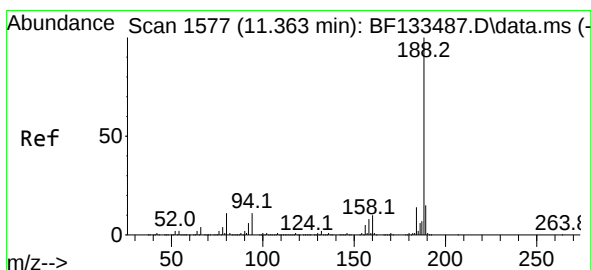
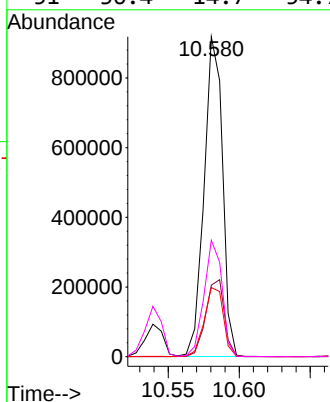
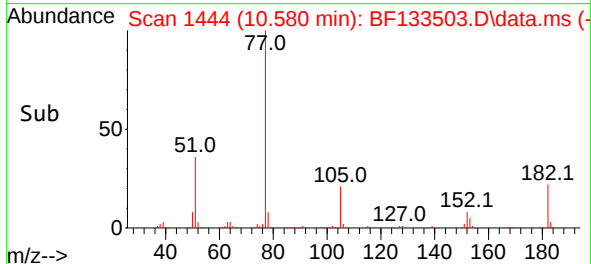
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



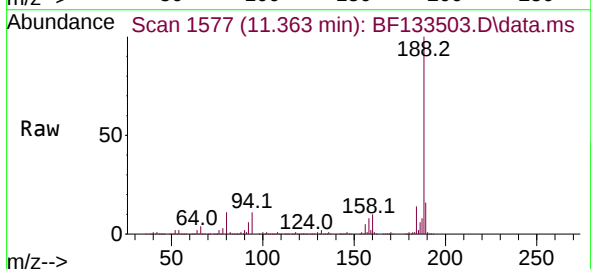
Tgt Ion: 77 Resp: 82732
Ion Ratio Lower Upper
77 100
182 22.3 5.6 45.6
105 21.6 2.6 42.6
51 36.4 14.7 54.7

Manual Integrations
APPROVED

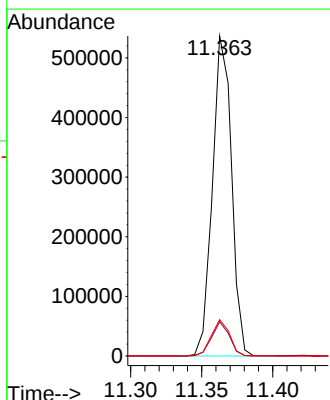
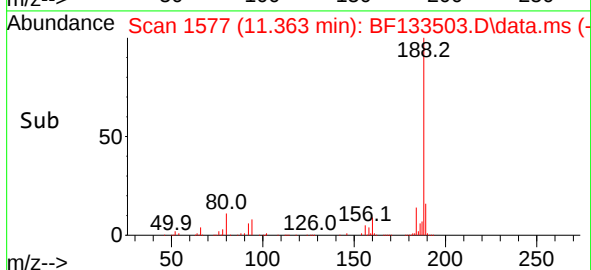
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

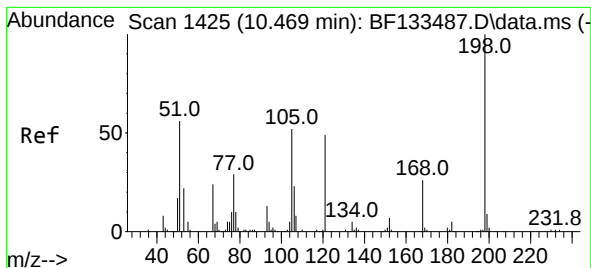


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



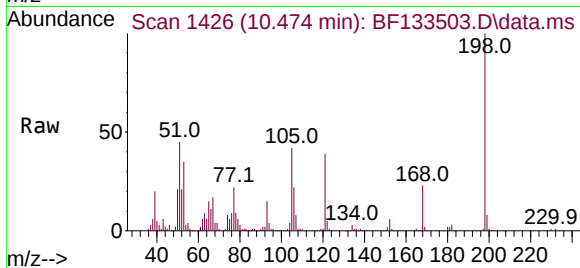
Tgt Ion:188 Resp: 500184
Ion Ratio Lower Upper
188 100
94 10.7 8.6 12.8
80 11.4 9.2 13.8





#65
4,6-Dinitro-2-methylphenol
Concen: 56.091 ng
RT: 10.474 min Scan# 1425
Delta R.T. 0.005 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

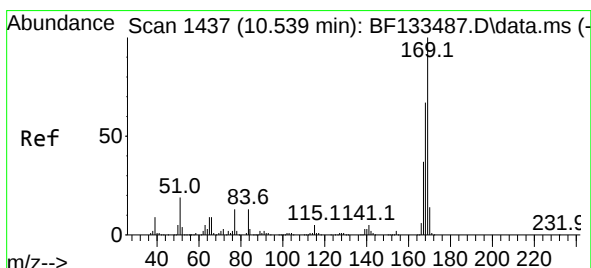
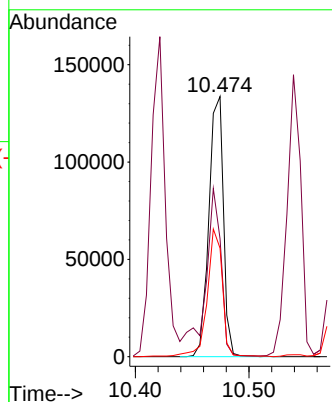
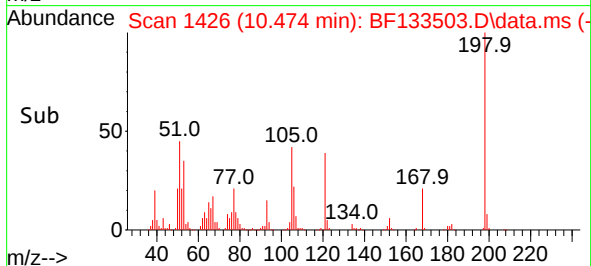
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



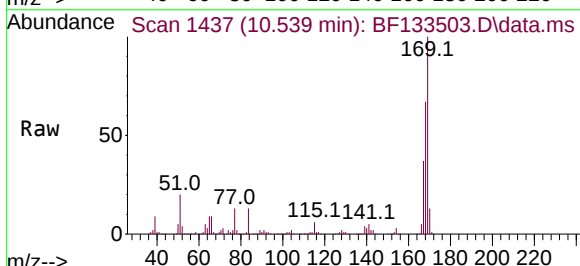
Tgt Ion:198 Resp: 118399
Ion Ratio Lower Upper
198 100
51 45.3 53.6 93.6
105 41.7 35.9 75.9

Manual Integrations
APPROVED

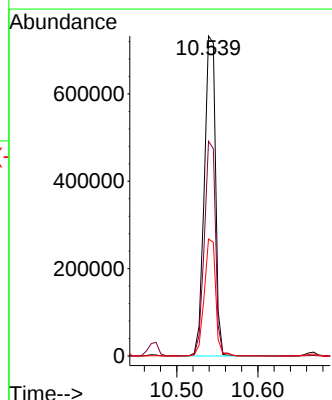
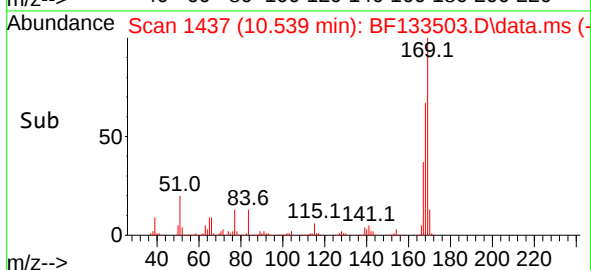
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

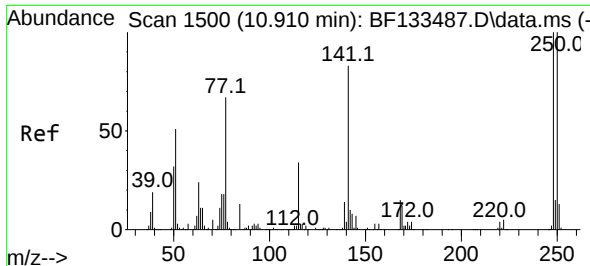


#66
n-Nitrosodiphenylamine
Concen: 43.072 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



Tgt Ion:169 Resp: 699430
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.6 29.6 44.4





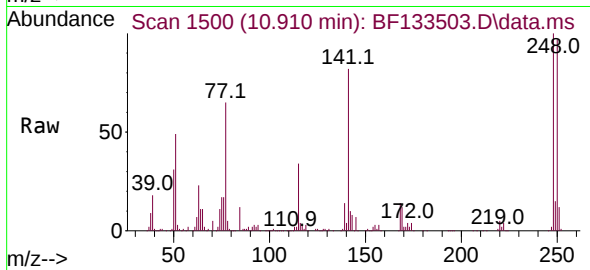
#67
4-Bromophenyl-phenylether
Concen: 43.787 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

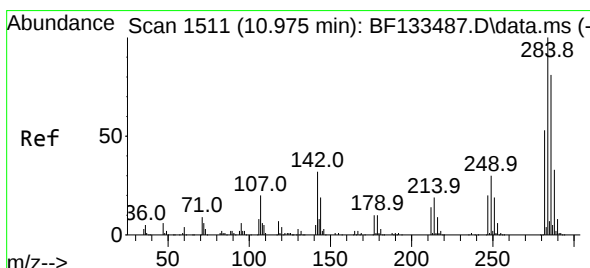
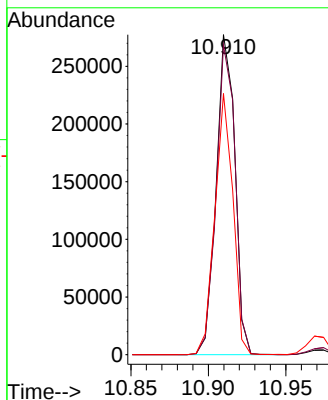
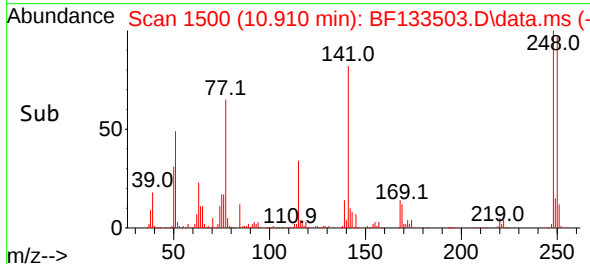


Tgt Ion:248 Resp: 232594
Ion Ratio Lower Upper
248 100
250 96.8 79.7 119.5
141 81.6 66.6 100.0

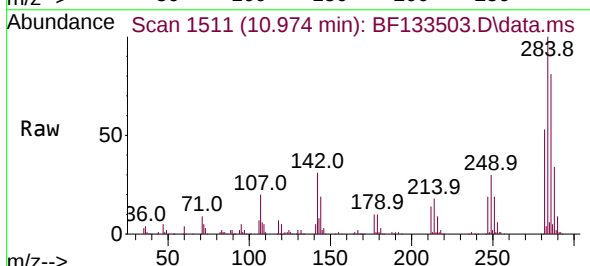
Manual Integrations

APPROVED

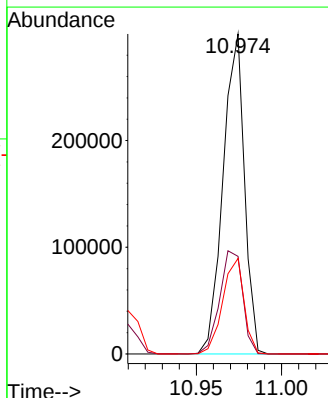
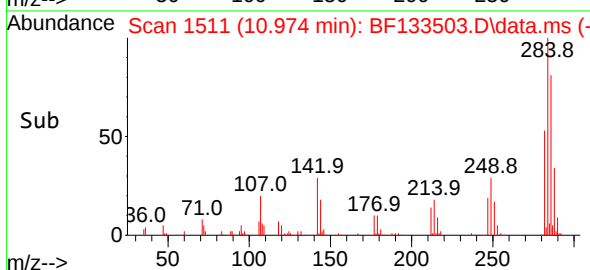
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

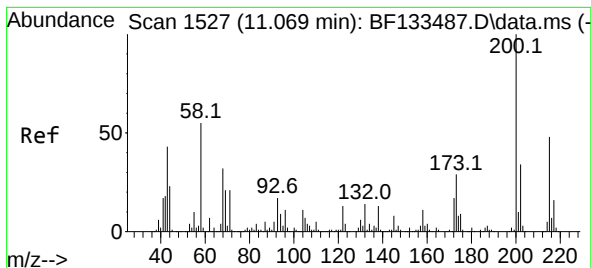


#68
Hexachlorobenzene
Concen: 47.068 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



Tgt Ion:284 Resp: 261458
Ion Ratio Lower Upper
284 100
142 30.5 25.8 38.6
249 29.8 24.4 36.6





#69

Atrazine

Concen: 53.754 ng

RT: 11.069 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF133503.D

Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

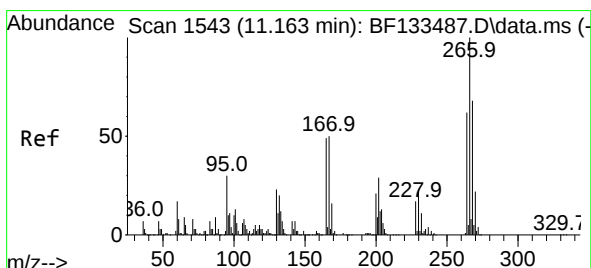
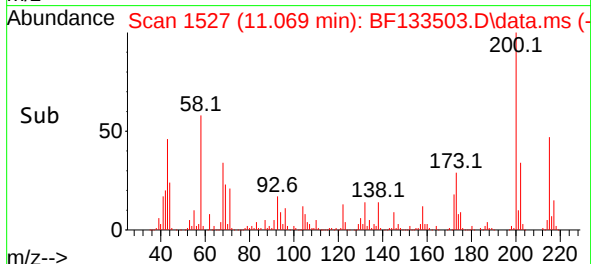
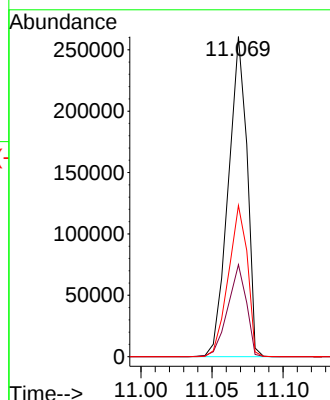
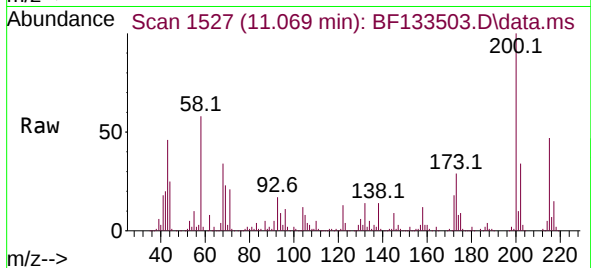
PB153075BSD

Tgt Ion:200 Resp: 239499
 Ion Ratio Lower Upper
 200 100
 173 28.7 9.0 49.0
 215 47.3 27.6 67.6

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 89.897 ng

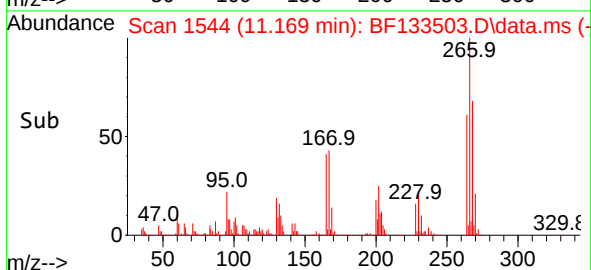
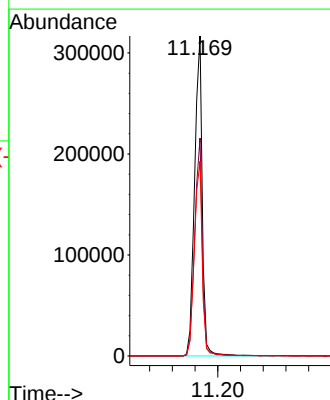
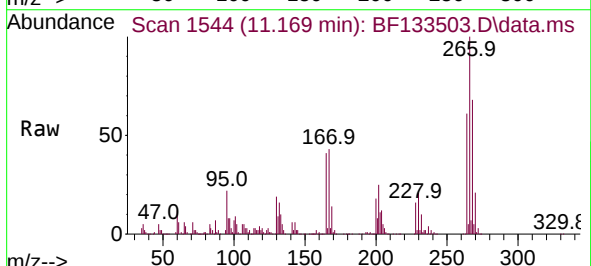
RT: 11.169 min Scan# 1544

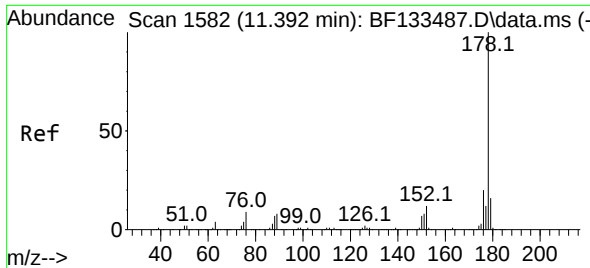
Delta R.T. 0.006 min

Lab File: BF133503.D

Acq: 26 May 2023 17:22

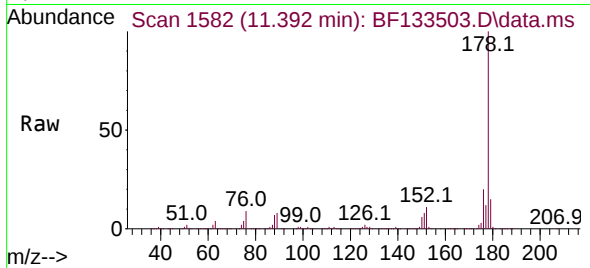
Tgt Ion:266 Resp: 298589
 Ion Ratio Lower Upper
 266 100
 268 68.1 54.6 82.0
 264 60.9 49.2 73.8





#71
Phenanthrene
Concen: 44.953 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

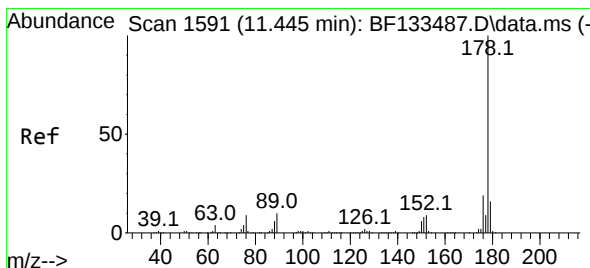
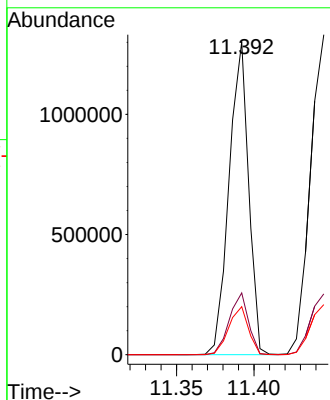
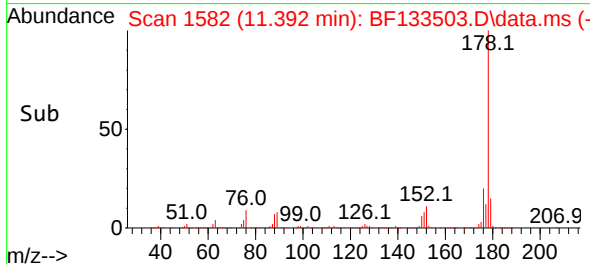
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



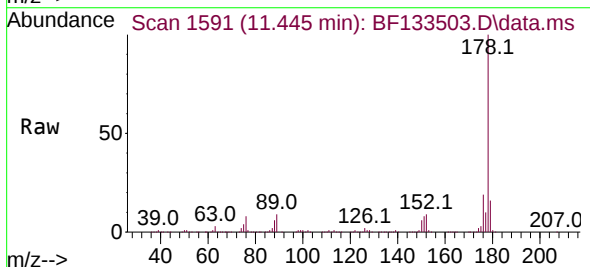
Tgt Ion:178 Resp: 113827
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.3 12.4 18.6

Manual Integrations
APPROVED

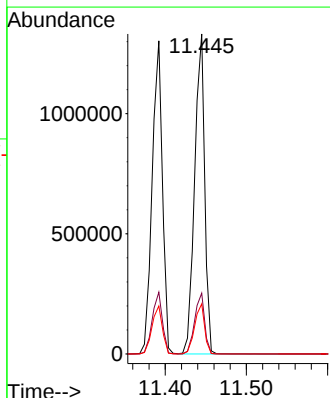
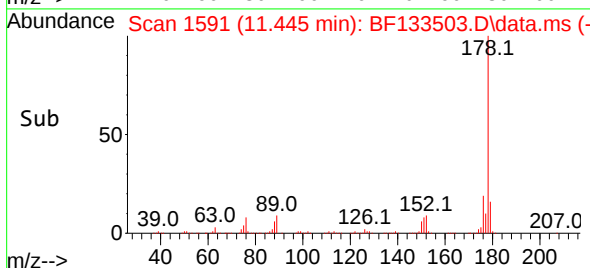
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

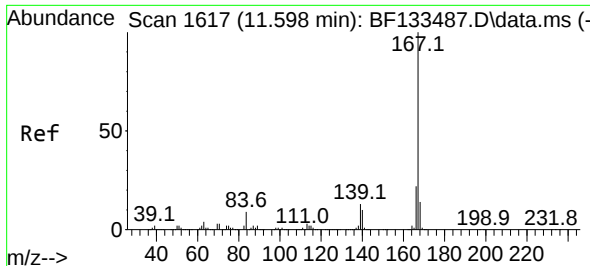


#72
Anthracene
Concen: 44.263 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



Tgt Ion:178 Resp: 1154089
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.6 12.6 18.8





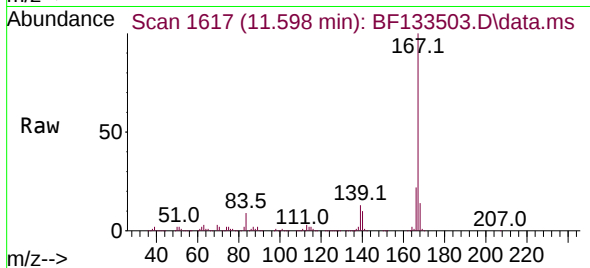
#73
 Carbazole
 Concen: 45.727 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF133503.D
 Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

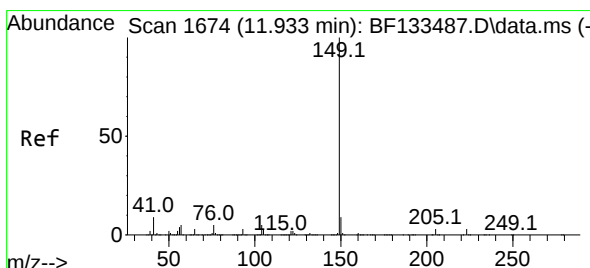
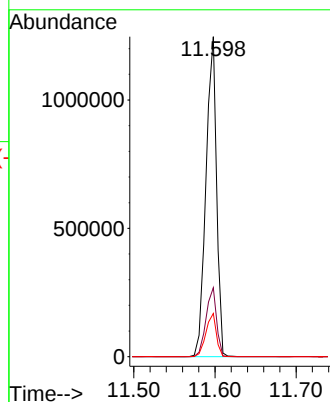
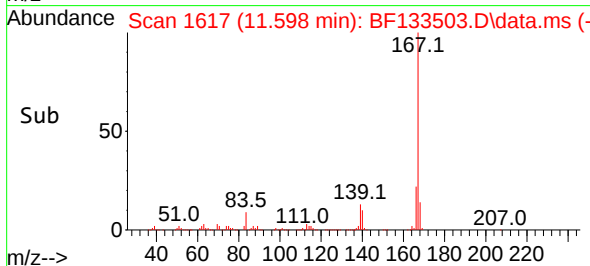


Tgt Ion:167 Resp: 112752
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.5 10.7 16.1

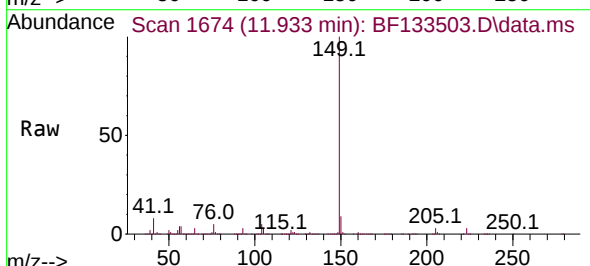
Manual Integrations

APPROVED

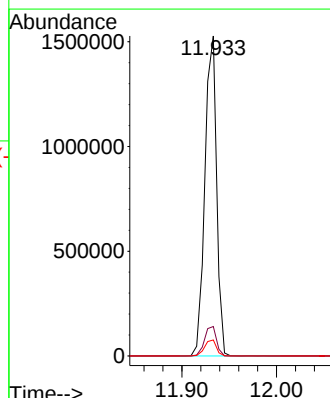
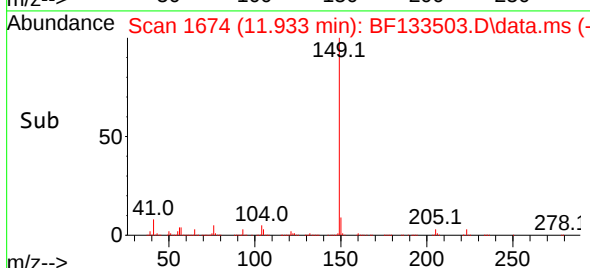
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023

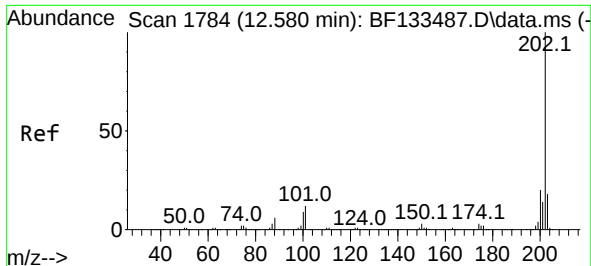


#74
 Di-n-butylphthalate
 Concen: 45.058 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF133503.D
 Acq: 26 May 2023 17:22



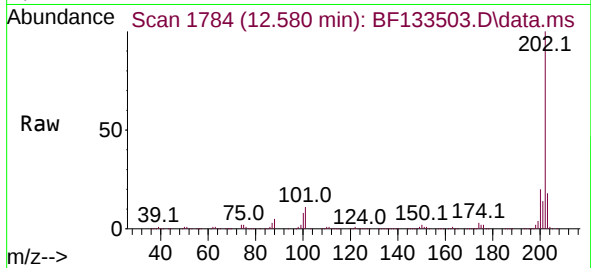
Tgt Ion:149 Resp: 1313763
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 45.727 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

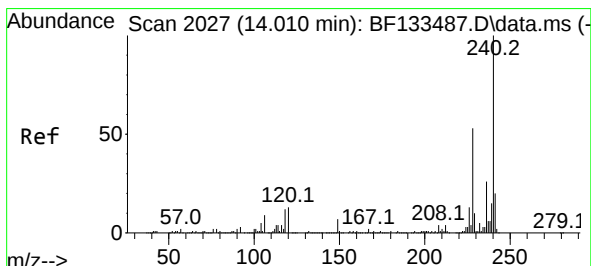
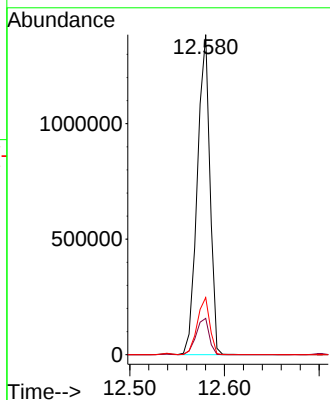
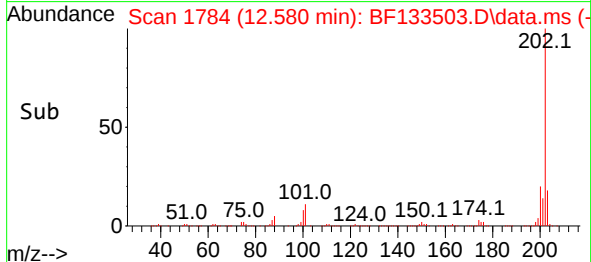
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



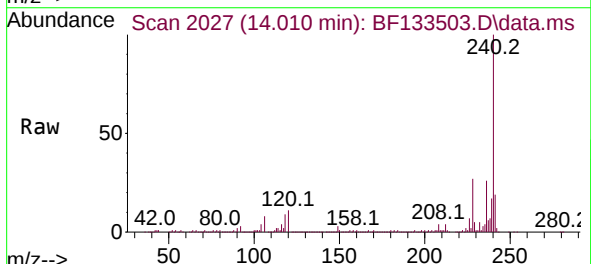
Tgt Ion:202 Resp: 1279590
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.2
203 17.8 0.0 37.8

Manual Integrations
APPROVED

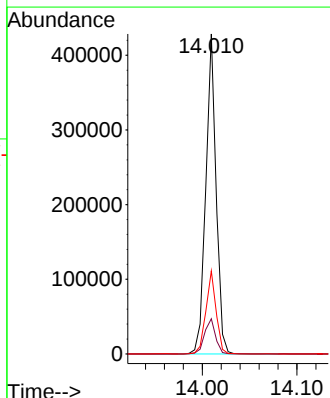
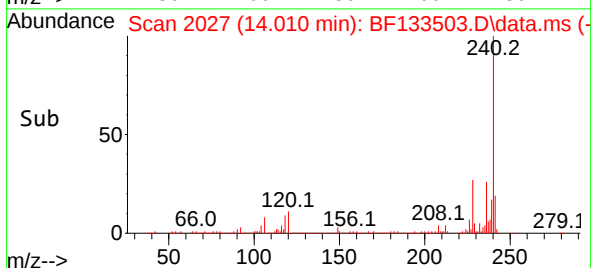
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

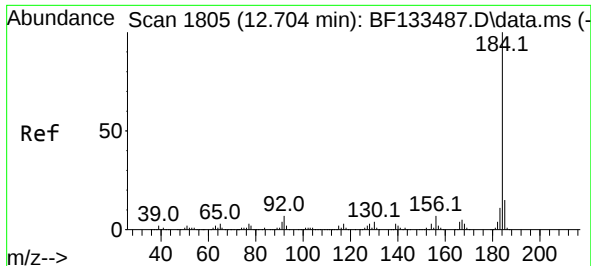


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



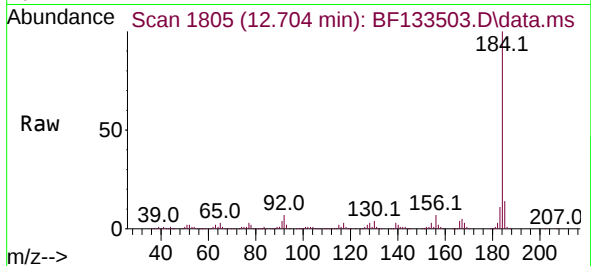
Tgt Ion:240 Resp: 323188
Ion Ratio Lower Upper
240 100
120 11.0 10.3 15.5
236 26.0 20.5 30.7





#77
Benzidine
Concen: 56.319 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

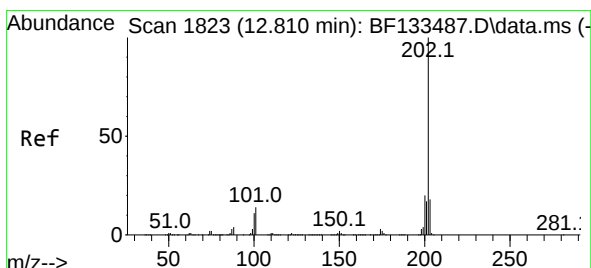
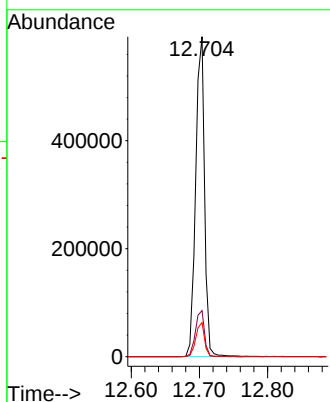
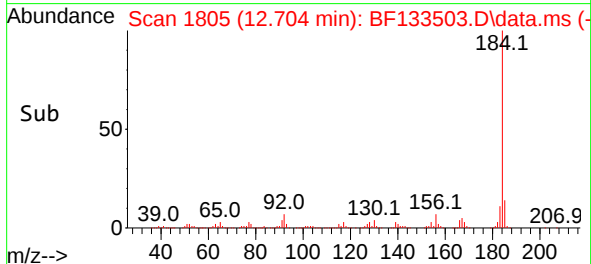
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



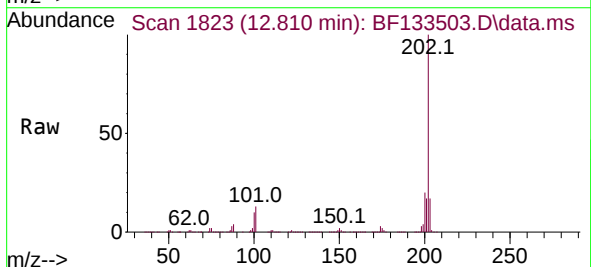
Tgt Ion:184 Resp: 53235
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 10.6 8.7 13.1

Manual Integrations
APPROVED

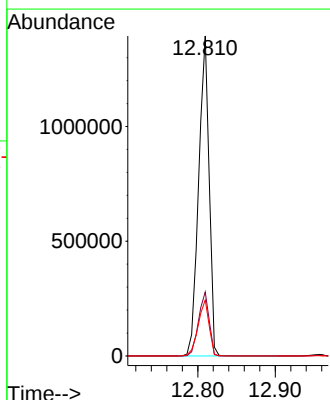
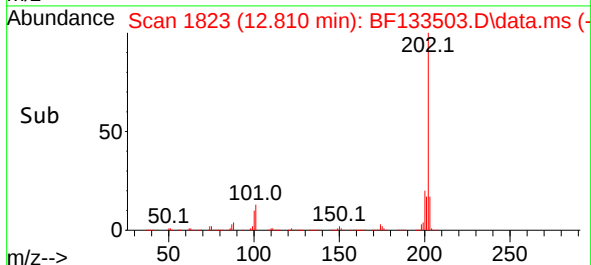
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

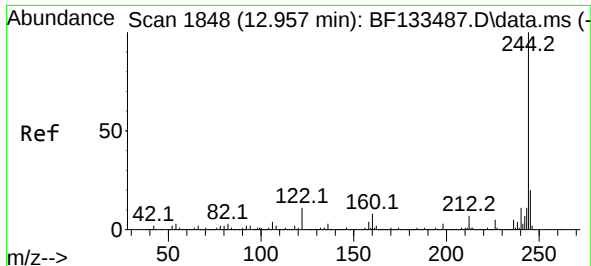


#78
Pyrene
Concen: 47.539 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



Tgt Ion:202 Resp: 1307407
Ion Ratio Lower Upper
202 100
200 20.0 16.3 24.5
203 17.5 14.3 21.5





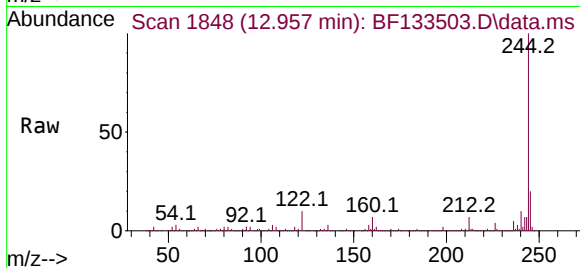
#79
 Terphenyl-d14
 Concen: 93.340 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133503.D
 Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

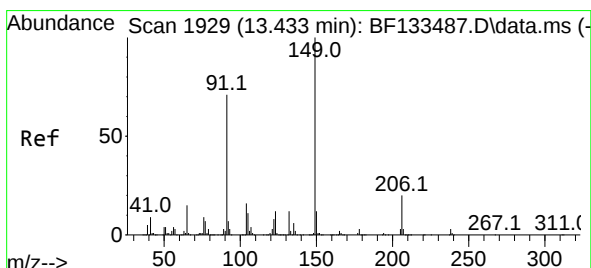
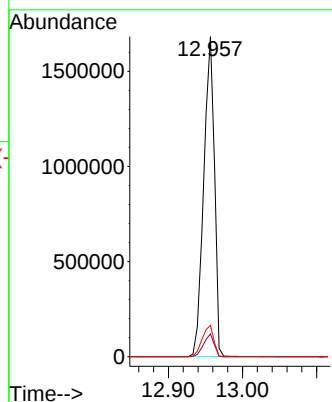
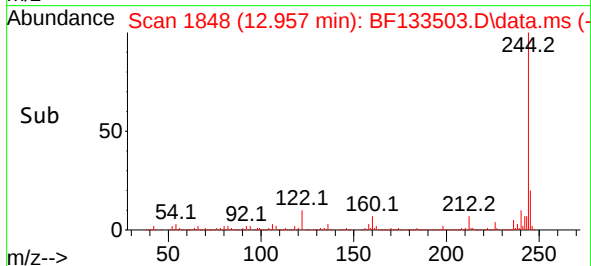


Tgt Ion:244 Resp: 1696650
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.8 8.5 12.7

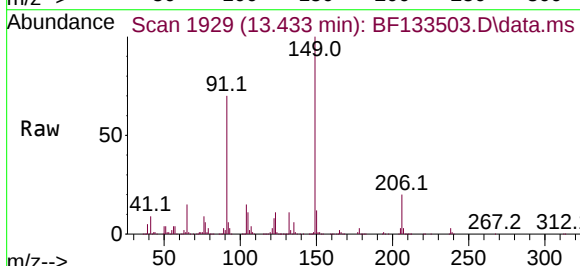
Manual Integrations

APPROVED

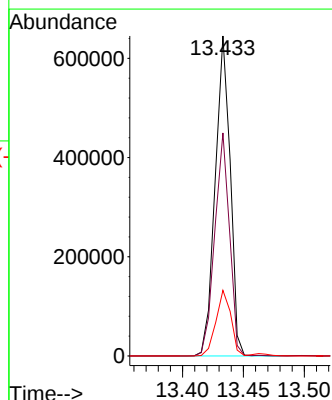
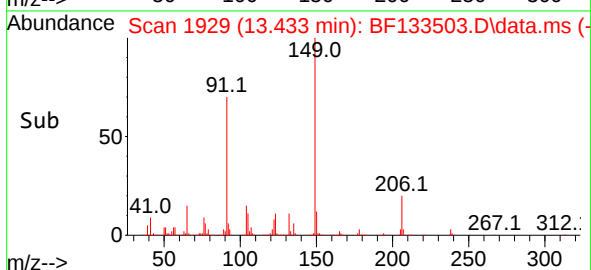
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023

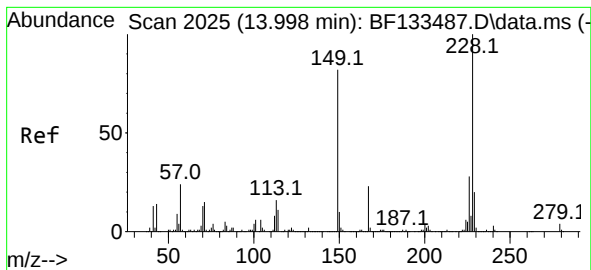


#80
 Butylbenzylphthalate
 Concen: 50.681 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF133503.D
 Acq: 26 May 2023 17:22



Tgt Ion:149 Resp: 551471
 Ion Ratio Lower Upper
 149 100
 91 69.7 56.9 85.3
 206 20.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 44.858 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF133503.D

Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

Tgt Ion:228 Resp: 96578

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

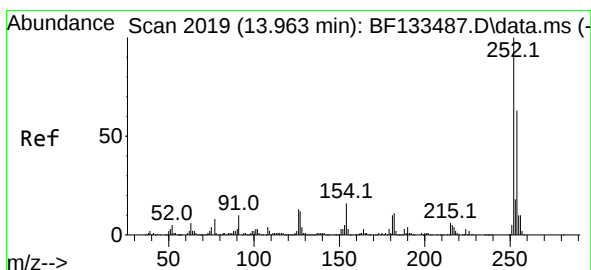
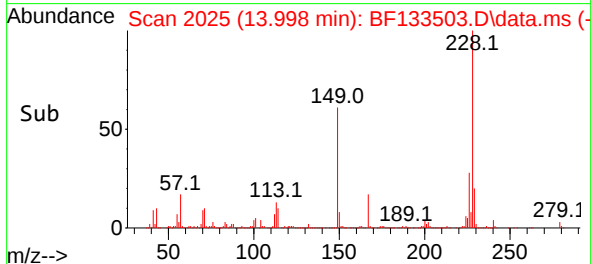
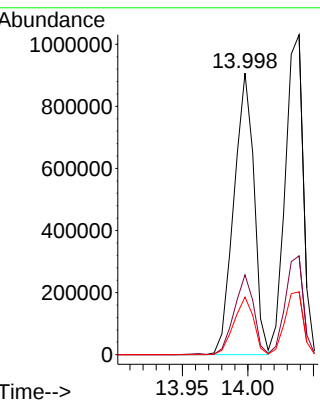
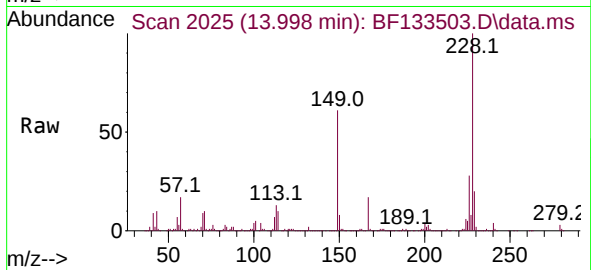
229 20.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#82

3,3'-Dichlorobenzidine

Concen: 25.249 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF133503.D

Acq: 26 May 2023 17:22

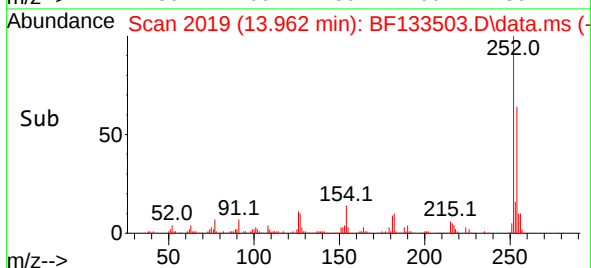
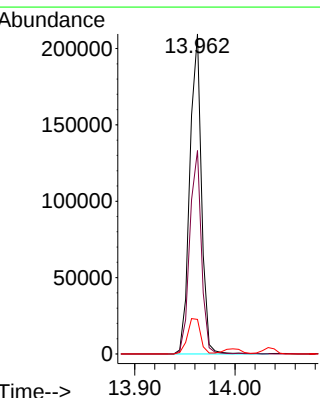
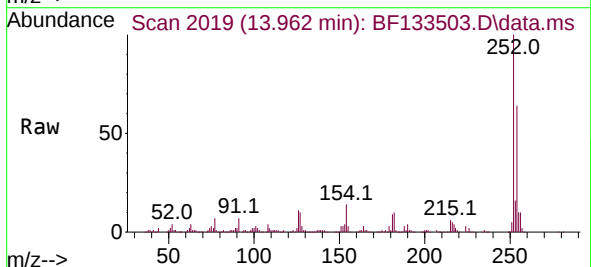
Tgt Ion:252 Resp: 169931

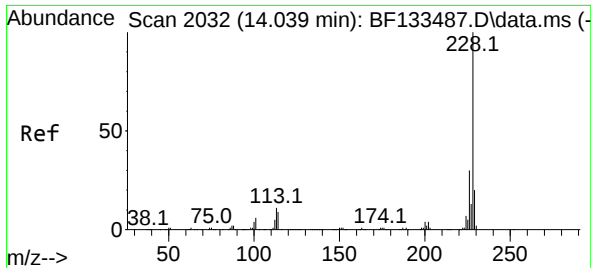
Ion Ratio Lower Upper

252 100

254 63.5 50.3 75.5

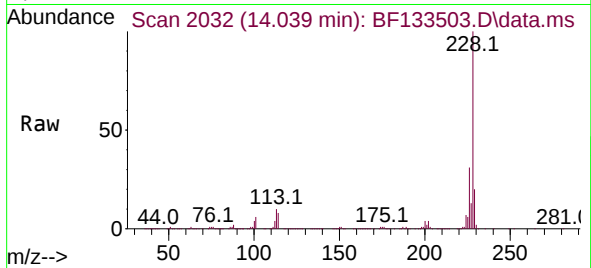
126 10.8 10.5 15.7





#83
Chrysene
Concen: 45.165 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

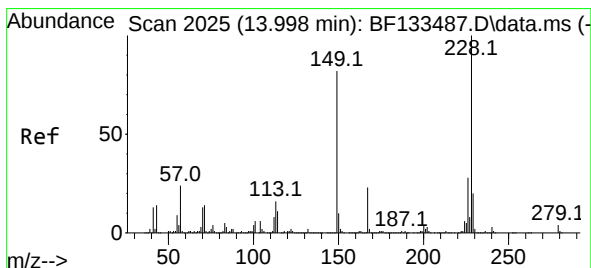
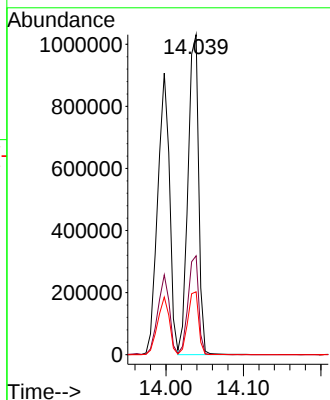
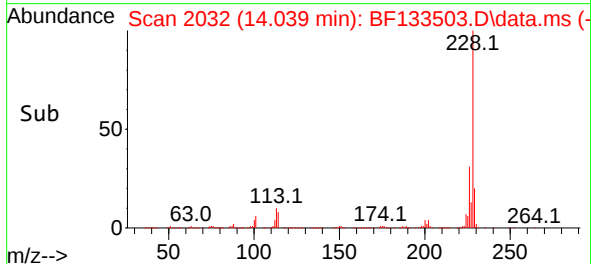
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



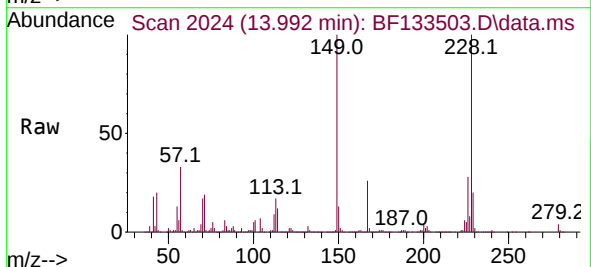
Tgt Ion:228 Resp: 981644
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 19.7 15.8 23.8

Manual Integrations
APPROVED

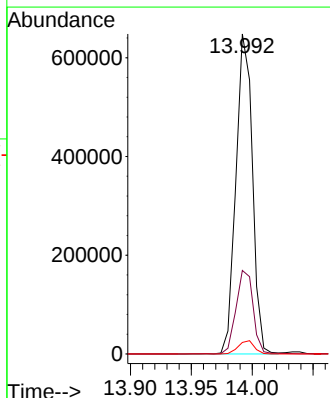
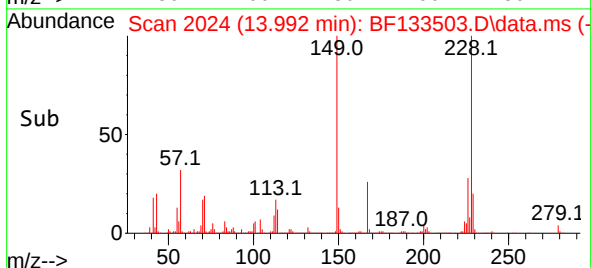
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

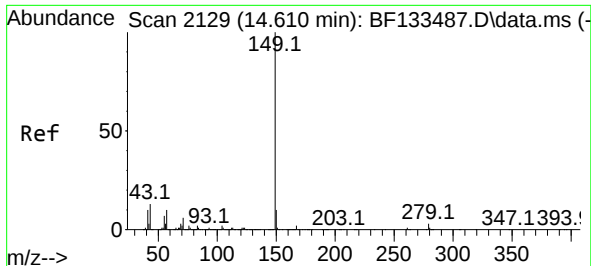


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.845 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



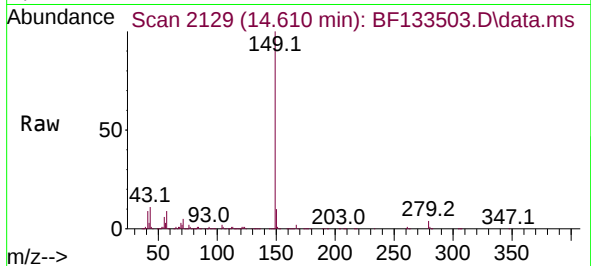
Tgt Ion:149 Resp: 609953
Ion Ratio Lower Upper
149 100
167 26.1 22.0 33.0
279 3.6 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 44.594 ng
RT: 14.610 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

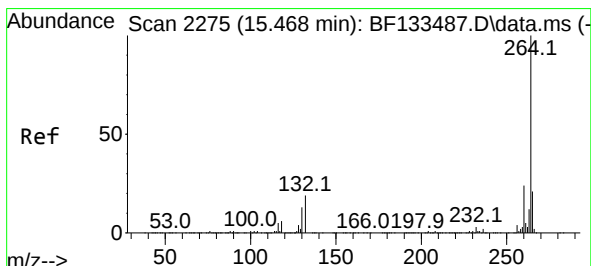
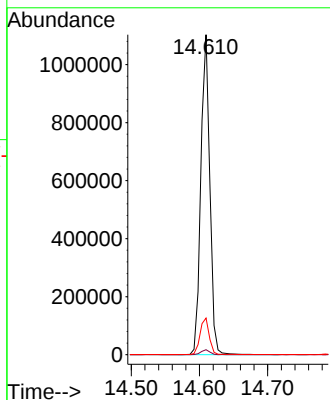
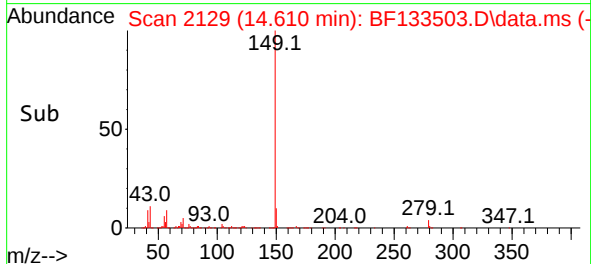
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



Tgt Ion:149 Resp: 1010399
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 10.0 15.0

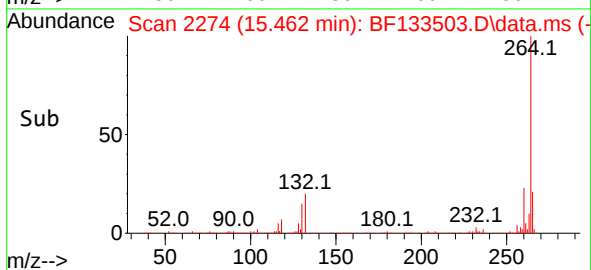
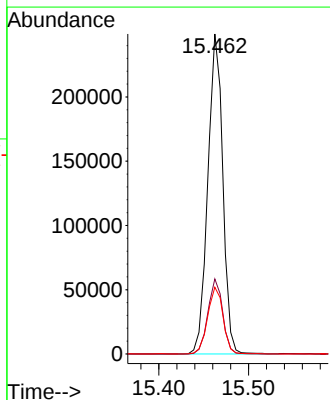
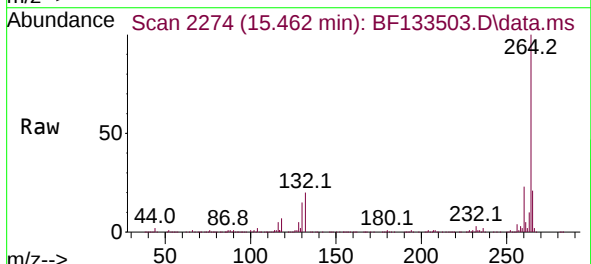
Manual Integrations
APPROVED

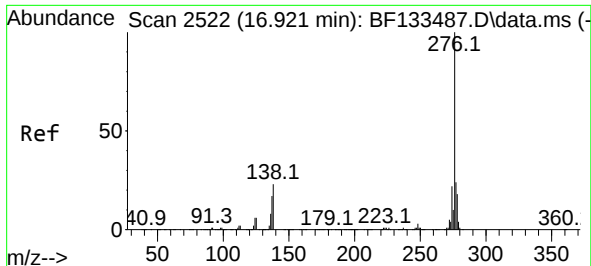
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

Tgt Ion:264 Resp: 288409
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 20.9 16.8 25.2





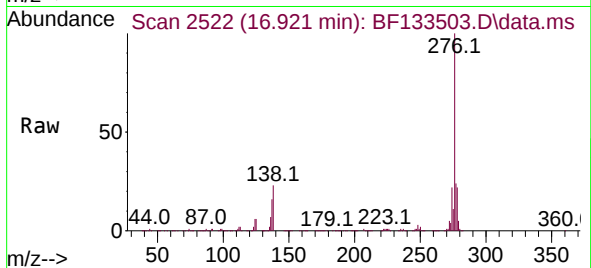
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.008 ng
 RT: 16.921 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF133503.D
 Acq: 26 May 2023 17:22

Instrument :

BNA_F

ClientSampleId :

PB153075BSD

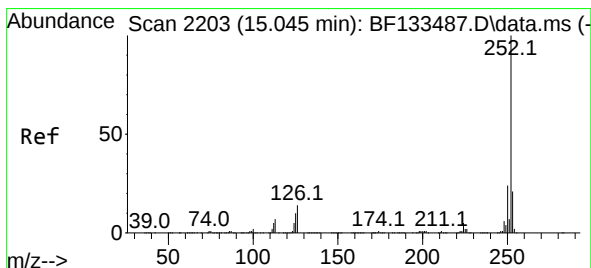
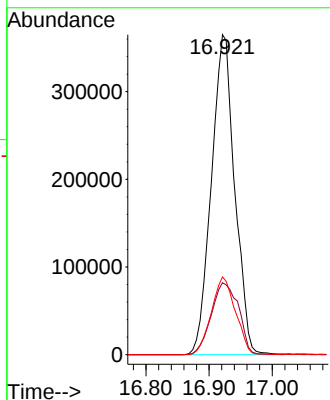
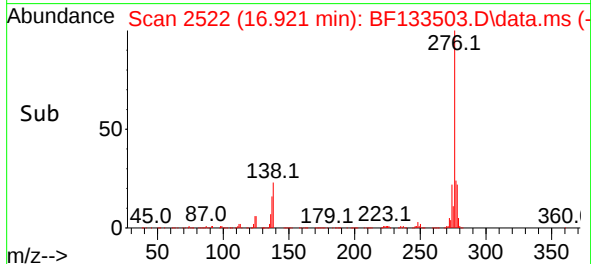


Tgt Ion:276 Resp: 937070
 Ion Ratio Lower Upper
 276 100
 138 26.3 21.4 32.2
 277 25.1 20.0 30.0

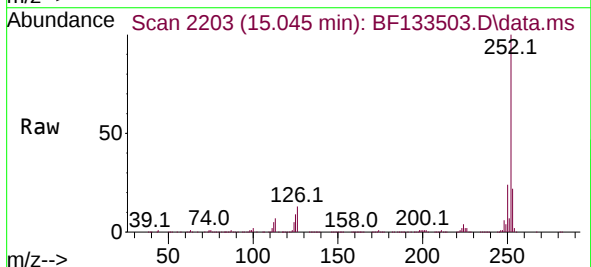
Manual Integrations

APPROVED

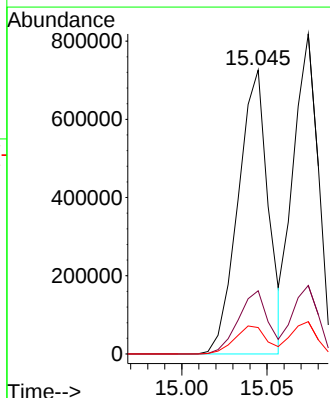
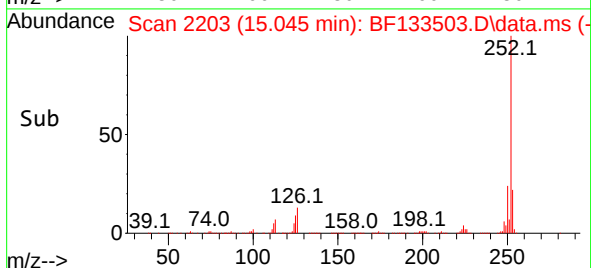
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023

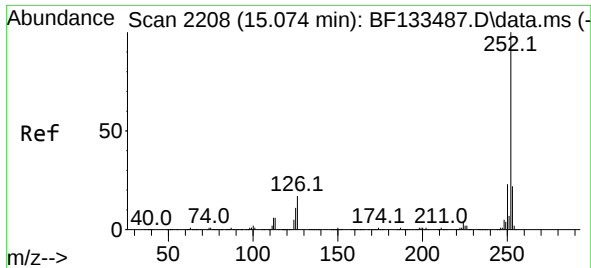


#88
 Benzo(b)fluoranthene
 Concen: 47.664 ng
 RT: 15.045 min Scan# 2203
 Delta R.T. -0.000 min
 Lab File: BF133503.D
 Acq: 26 May 2023 17:22



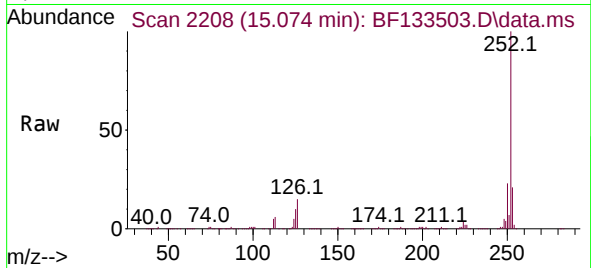
Tgt Ion:252 Resp: 895150
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.2 25.8
 125 9.3 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 45.669 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

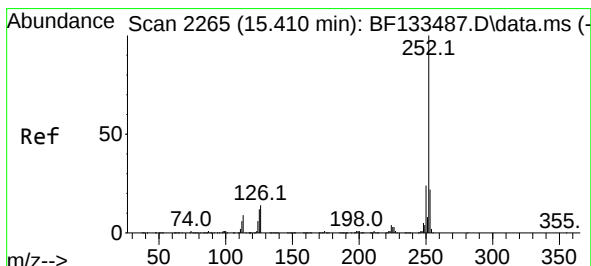
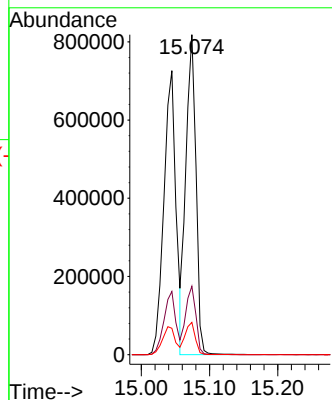
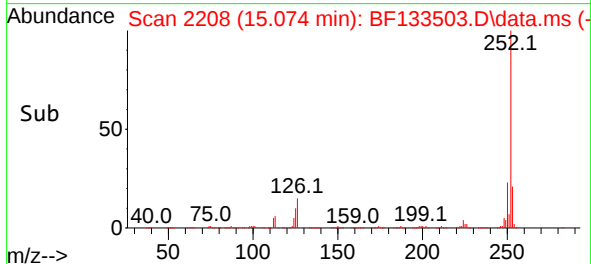
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



Tgt Ion:252 Resp: 836302
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 10.1 8.3 12.5

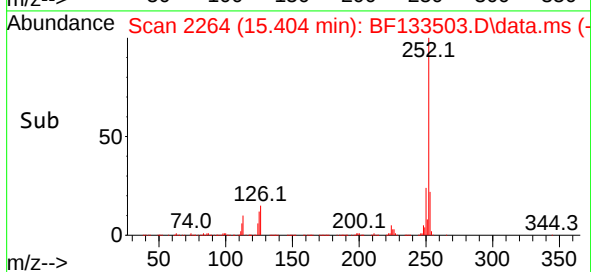
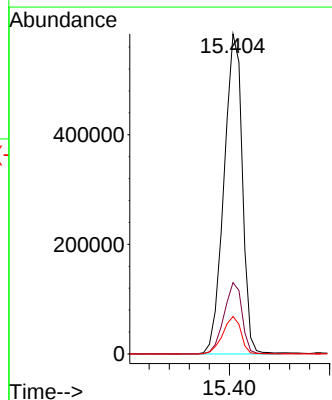
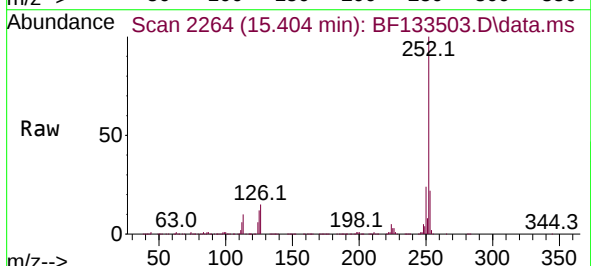
Manual Integrations
APPROVED

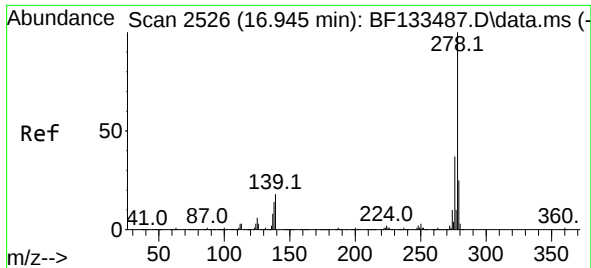
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#90
Benzo(a)pyrene
Concen: 43.394 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

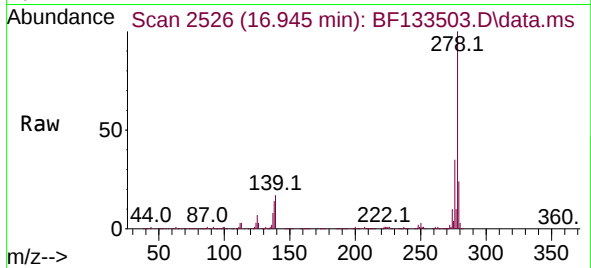
Tgt Ion:252 Resp: 741564
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 11.7 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 51.620 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22

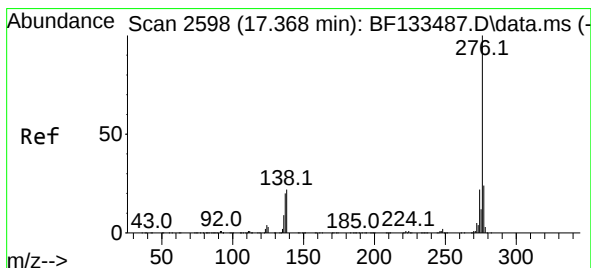
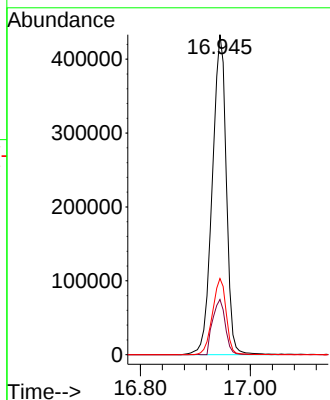
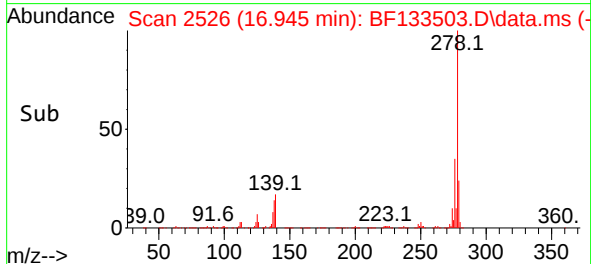
Instrument :
BNA_F
ClientSampleId :
PB153075BSD



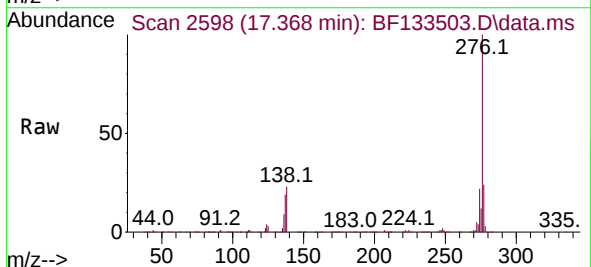
Tgt Ion:278 Resp: 768874
Ion Ratio Lower Upper
278 100
139 17.3 14.1 21.1
279 23.8 19.7 29.5

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 51.711 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BF133503.D
Acq: 26 May 2023 17:22



Tgt Ion:276 Resp: 776651
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 23.3 17.8 26.6

