

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
 Data File : BF133491.D
 Acq On : 25 May 2023 15:10
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052523

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

Quant Time: May 25 23:35:40 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	6.840	152	155486	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	563301	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	273380	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	512700	20.000	ng	0.00
76) Chrysene-d12	14.010	240	359856	20.000	ng	0.00
86) Perylene-d12	15.468	264	351590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	739055	79.305	ng	0.00
7) Phenol-d6	6.463	99	900382	78.486	ng	0.00
23) Nitrobenzene-d5	7.410	82	821948	97.426	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	239508	87.890	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1404436	79.291	ng	0.00
79) Terphenyl-d14	12.957	244	1528843	75.537	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	168912	40.133	ng	97
3) Pyridine	3.316	79	469391	39.776	ng	99
4) n-Nitrosodimethylamine	3.275	42	260344	40.452	ng	99
6) Aniline	6.504	93	617069	39.616	ng	100
8) 2-Chlorophenol	6.622	128	377484	41.109	ng	99
9) Benzaldehyde	6.387	77	238607	42.305	ng	96
10) Phenol	6.481	94	458294	39.823	ng	99
11) bis(2-Chloroethyl)ether	6.581	93	375555	39.470	ng	100
12) 1,3-Dichlorobenzene	6.781	146	405921	39.818	ng	99
13) 1,4-Dichlorobenzene	6.857	146	404683	39.596	ng	99
14) 1,2-Dichlorobenzene	7.010	146	371159	39.353	ng	99
15) Benzyl Alcohol	6.981	79	357607	41.059	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	712740	39.495	ng	100
17) 2-Methylphenol	7.087	107	343727	39.528	ng	99
18) Hexachloroethane	7.351	117	147601	41.765	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	285651	38.485	ng	99
20) 3+4-Methylphenols	7.245	107	412571	41.966	ng	99
22) Acetophenone	7.251	105	503112	38.784	ng	98
24) Nitrobenzene	7.428	77	423756	47.140	ng	100
25) Isophorone	7.663	82	783250	39.835	ng	100
26) 2-Nitrophenol	7.740	139	187229	45.704	ng	98
27) 2,4-Dimethylphenol	7.775	122	332301	39.721	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	449305	39.408	ng	98
29) 2,4-Dichlorophenol	7.975	162	316949	42.110	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	321047	39.435	ng	100
31) Naphthalene	8.145	128	1073040	39.292	ng	100
32) Benzoic acid	7.892	122	245304m	45.048	ng	
33) 4-Chloroaniline	8.192	127	467242	39.919	ng	99
34) Hexachlorobutadiene	8.263	225	198321	40.047	ng	98
35) Caprolactam	8.575	113	104365	42.279	ng	97
36) 4-Chloro-3-methylphenol	8.669	107	344269	40.832	ng	100
37) 2-Methylnaphthalene	8.839	142	735237	39.431	ng	99
38) 1-Methylnaphthalene	8.934	142	689688	39.680	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	319330	39.411	ng	100
41) Hexachlorocyclopentadiene	8.992	237	183336	44.153	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	219403	42.317	ng	99

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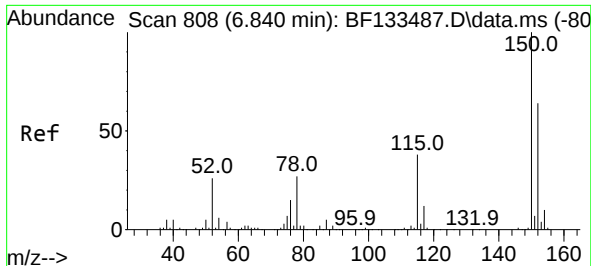
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	254964	42.367	ng	99
46) 1,1'-Biphenyl	9.304	154	871112	39.220	ng	99
47) 2-Chloronaphthalene	9.328	162	633719	39.369	ng	99
48) 2-Nitroaniline	9.422	65	225600	44.013	ng	99
49) Acenaphthylene	9.745	152	1089452	39.660	ng	100
50) Dimethylphthalate	9.604	163	766866	39.912	ng	99
51) 2,6-Dinitrotoluene	9.663	165	163271	44.946	ng	98
52) Acenaphthene	9.916	154	668340	40.164	ng	99
53) 3-Nitroaniline	9.834	138	200950	44.150	ng	# 96
54) 2,4-Dinitrophenol	9.934	184	69432	46.805	ng	97
55) Dibenzofuran	10.086	168	966405	39.036	ng	100
56) 4-Nitrophenol	9.981	139	155065	47.170	ng	99
57) 2,4-Dinitrotoluene	10.063	165	207715	46.027	ng	96
58) Fluorene	10.428	166	696234	38.385	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	196528	43.362	ng	99
60) Diethylphthalate	10.304	149	799517	40.084	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	336276	38.612	ng	99
62) 4-Nitroaniline	10.445	138	198074	43.235	ng	96
63) Azobenzene	10.581	77	789002	39.517	ng	95
65) 4,6-Dinitro-2-methylph...	10.469	198	92608	44.865	ng	98
66) n-Nitrosodiphenylamine	10.539	169	667024	40.074	ng	97
67) 4-Bromophenyl-phenylether	10.910	248	219665	40.343	ng	98
68) Hexachlorobenzene	10.975	284	229535	40.313	ng	99
69) Atrazine	11.069	200	189245	41.438	ng	98
70) Pentachlorophenol	11.163	266	159033	46.711	ng	98
71) Phenanthrene	11.392	178	1028643	39.612	ng	99
72) Anthracene	11.445	178	1071365	40.087	ng	99
73) Carbazole	11.598	167	1016640	40.223	ng	99
74) Di-n-butylphthalate	11.933	149	1213854	40.615	ng	99
75) Fluoranthene	12.580	202	1152998	40.197	ng	99
77) Benzidine	12.704	184	348558	33.117	ng	99
78) Pyrene	12.810	202	1190414	38.874	ng	99
80) Butylbenzylphthalate	13.433	149	524480	43.289	ng	99
81) Benzo(a)anthracene	13.998	228	948125	39.551	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	299462	39.961	ng	98
83) Chrysene	14.039	228	984182	40.668	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	647284	42.740	ng	98
85) Di-n-octyl phthalate	14.610	149	1222321	48.450	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	877639	39.188	ng	100
88) Benzo(b)fluoranthene	15.045	252	877517	38.329	ng	99
89) Benzo(k)fluoranthene	15.074	252	879996	39.420	ng	99
90) Benzo(a)pyrene	15.410	252	819812	39.352	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	718372	39.562	ng	99
92) Benzo(g,h,i)perylene	17.368	276	706384	38.581	ng	99

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



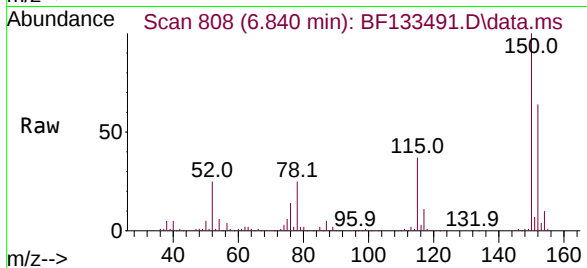
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133491.D
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BNA_F

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ICVBF052523

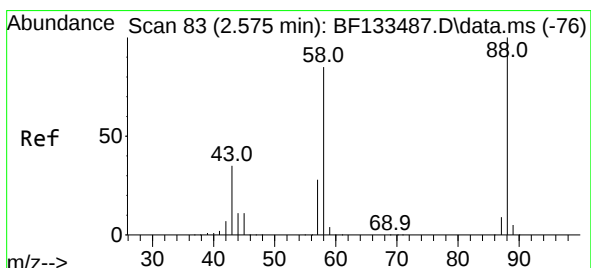
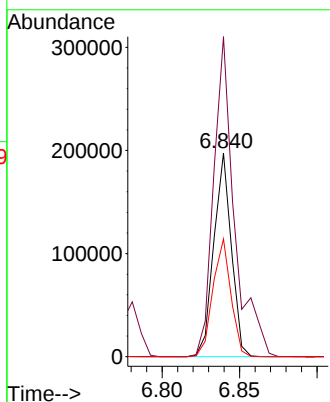
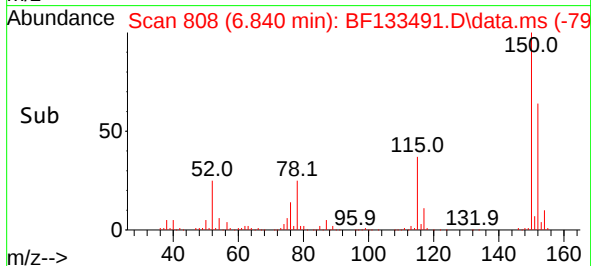


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Ion Ratio Lower Upper
152 100
150 157.1 124.9 187.3
115 57.8 48.1 72.1

Manual Integrations

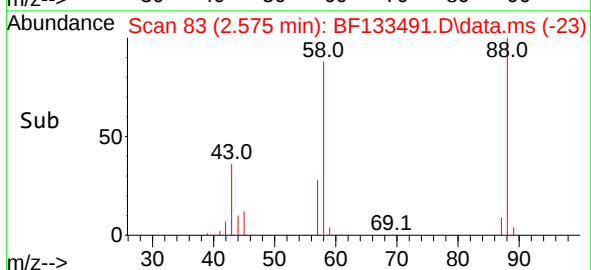
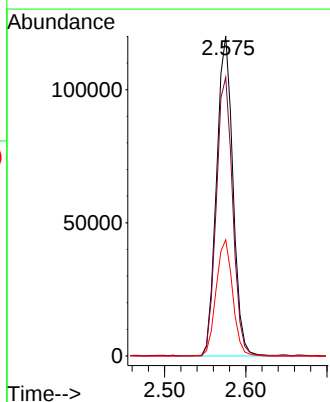
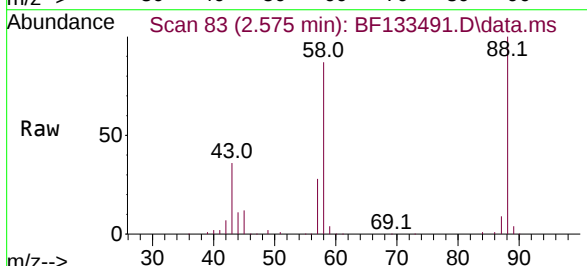
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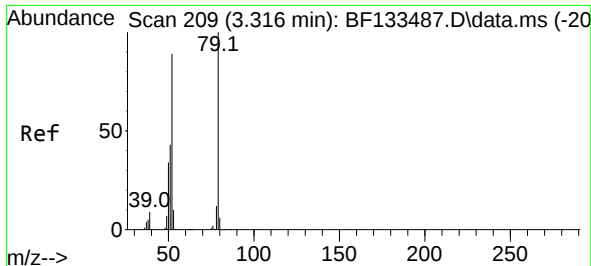
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#2
1,4-Dioxane
Concen: 40.133 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

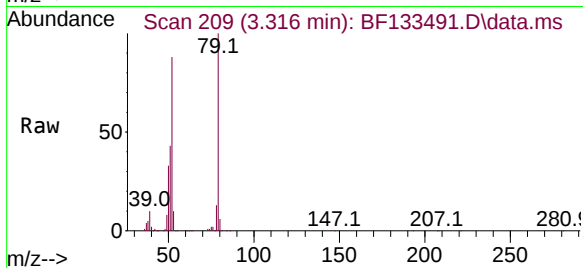
Tgt Ion: 88 Resp: 168912
Ion Ratio Lower Upper
88 100
58 87.1 67.7 101.5
43 36.6 28.2 42.4





#3
Pyridine
Concen: 39.776 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

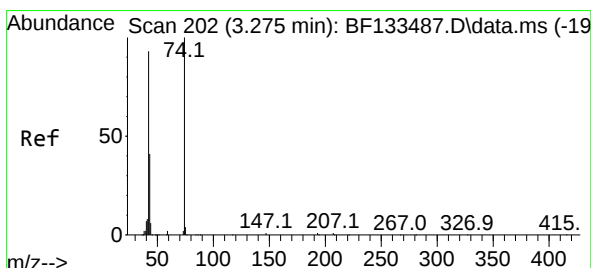
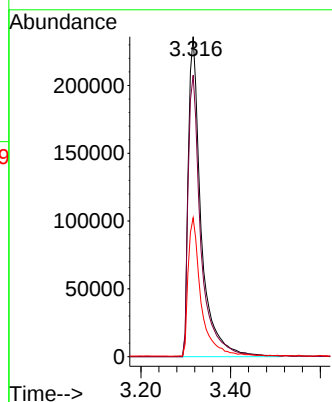
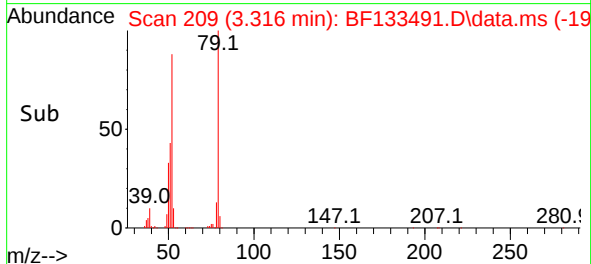
Instrument :
BNA_F
Client Sample Id :
ICVBF052523



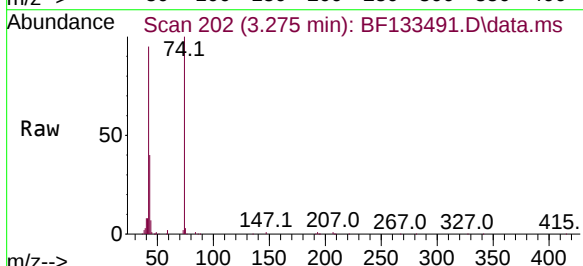
Tgt Ion: 79 Resp: 46939
Ion Ratio Lower Upper
79 100
52 87.9 71.3 106.9
51 43.4 34.4 51.6

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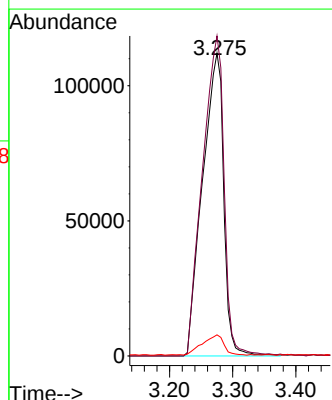
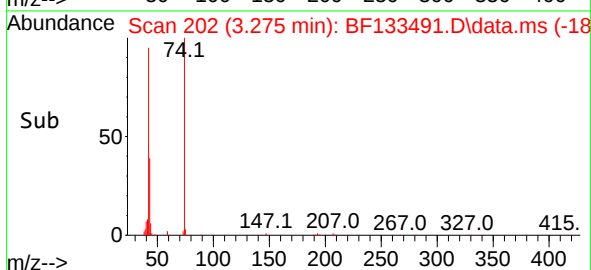
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#4
n-Nitrosodimethylamine
Concen: 40.452 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion: 42 Resp: 260344
Ion Ratio Lower Upper
42 100
74 105.7 85.7 128.5
44 7.0 5.6 8.4





#5
2-Fluorophenol
Concen: 79.305 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

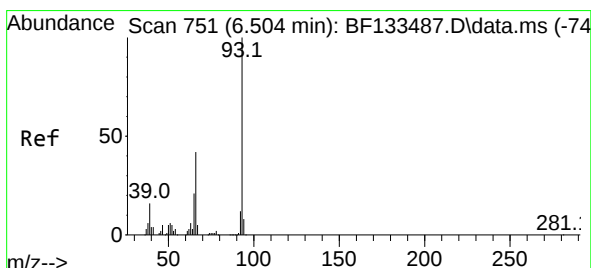
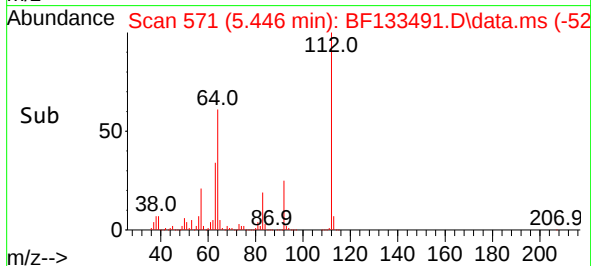
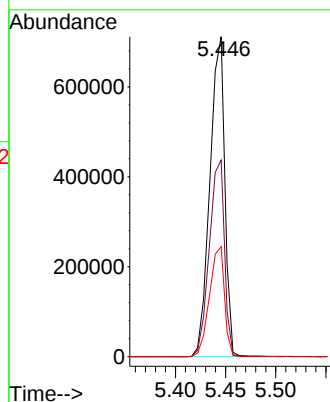
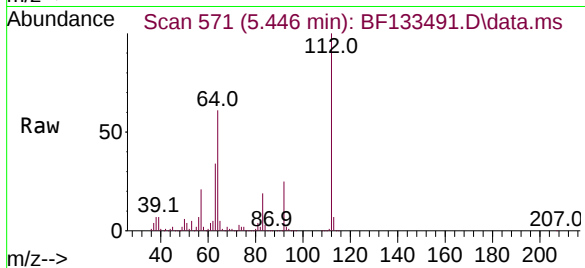
ClientSampleId :

ICVBF052523

Tgt Ion:112 Resp: 73905
Ion Ratio Lower Upper
112 100
64 61.5 50.1 75.1
63 34.4 27.5 41.3

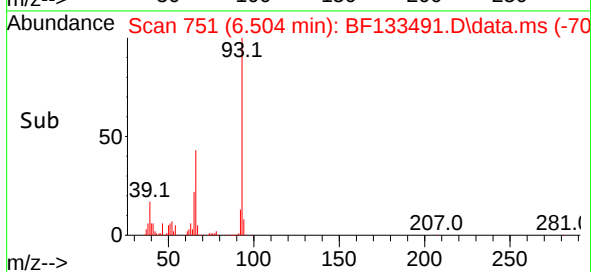
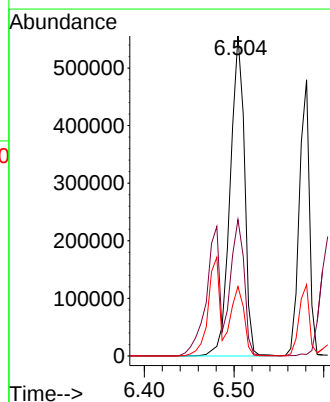
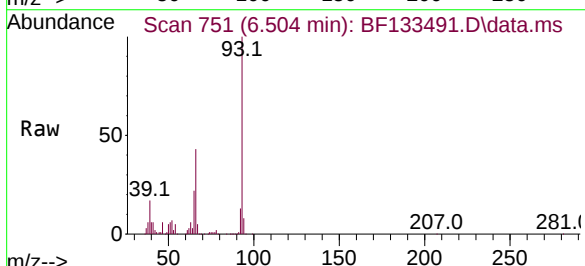
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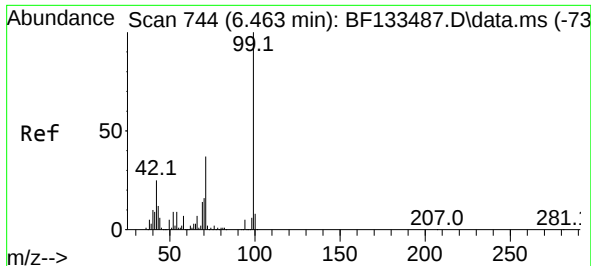
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#6
Aniline
Concen: 39.616 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

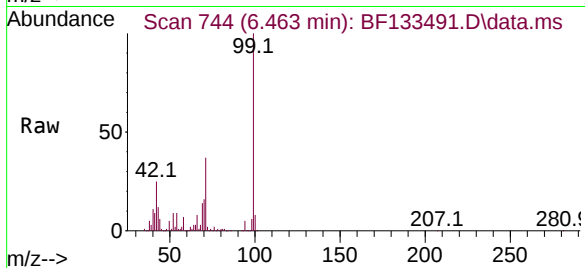
Tgt Ion: 93 Resp: 617069
Ion Ratio Lower Upper
93 100
66 42.7 33.9 50.9
65 21.7 17.2 25.8





#7
Phenol-d6
Concen: 78.486 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

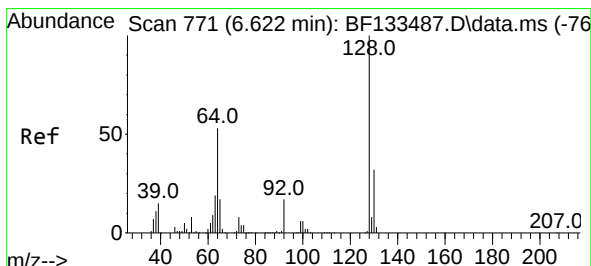
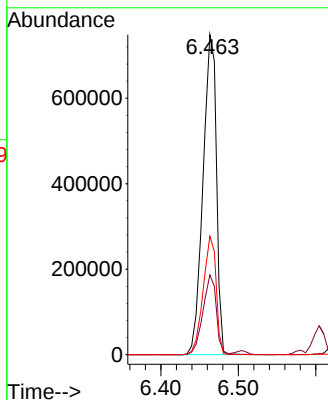
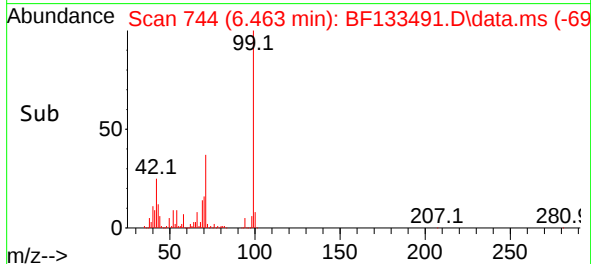
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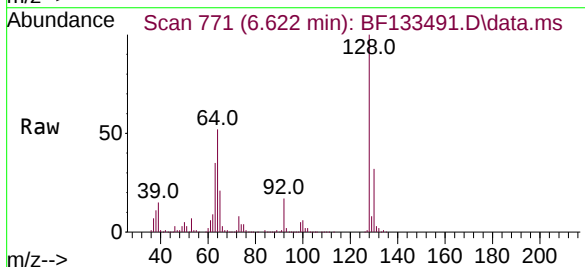
Tgt Ion: 99 Resp: 900382
Ion Ratio Lower Upper
99 100
42 24.9 19.7 29.5
71 37.0 29.8 44.8

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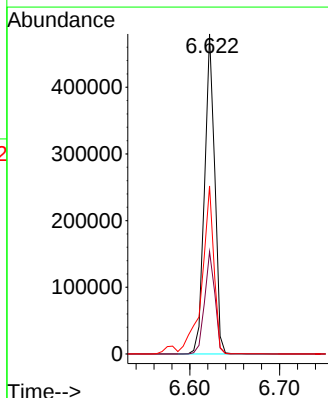
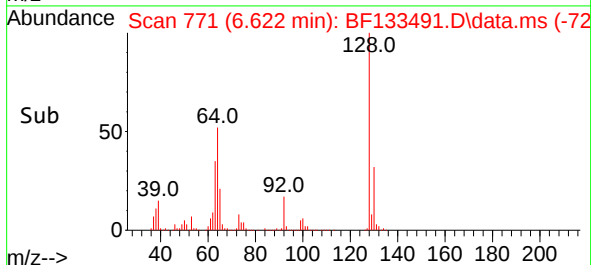
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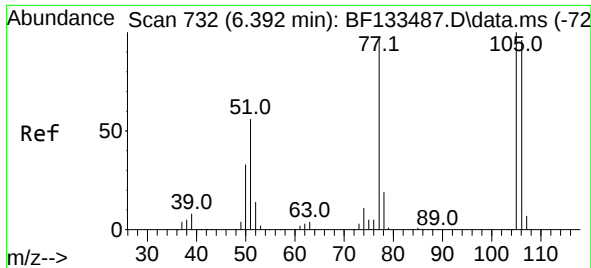


#8
2-Chlorophenol
Concen: 41.109 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion:128 Resp: 377484
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 52.5 33.3 73.3





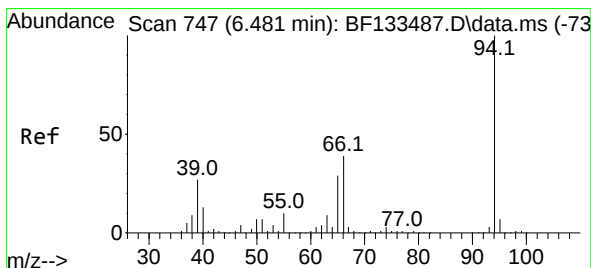
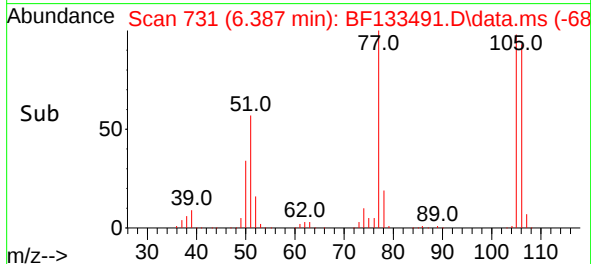
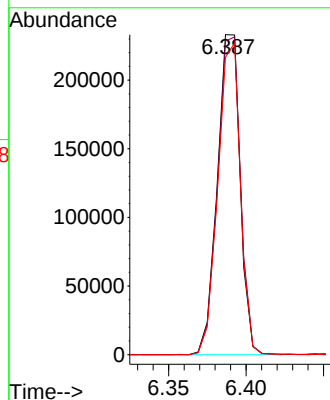
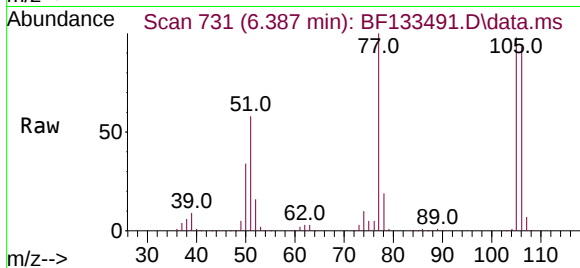
#9
Benzaldehyde
Concen: 42.305 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.005 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :
BNA_F
ClientSampleId :
ICVBF052523

Tgt Ion: 77 Resp: 23860
Ion Ratio Lower Upper
77 100
105 98.0 81.9 121.9
106 92.9 77.8 117.8

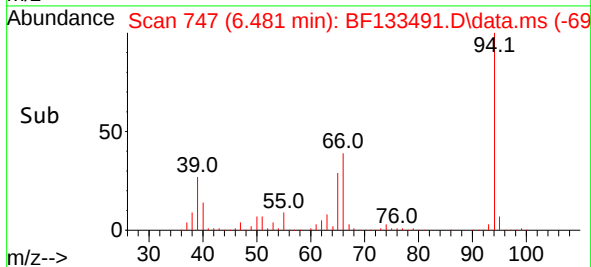
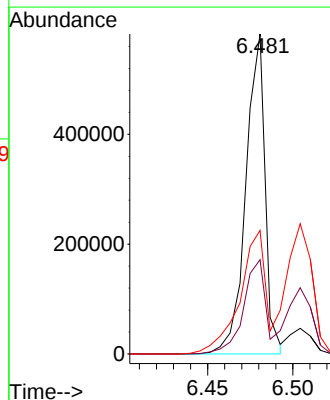
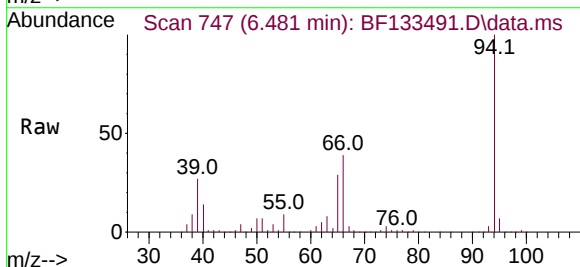
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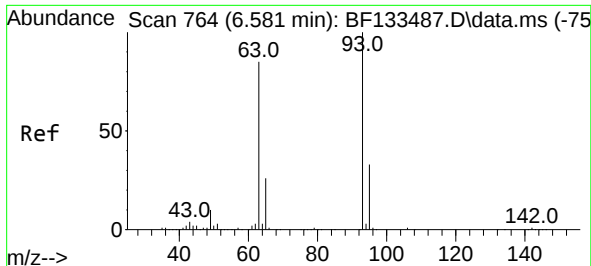
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#10
Phenol
Concen: 39.823 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Tgt Ion: 94 Resp: 458294
Ion Ratio Lower Upper
94 100
65 29.4 9.1 49.1
66 38.6 18.9 58.9





#11

bis(2-Chloroethyl)ether

Concen: 39.470 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF133491.D

Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

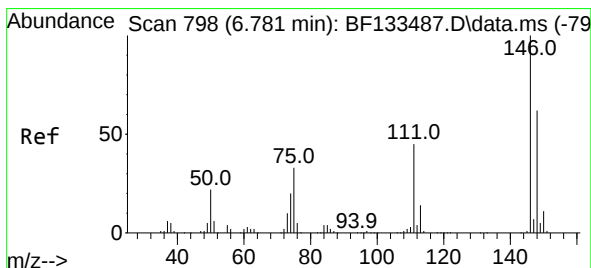
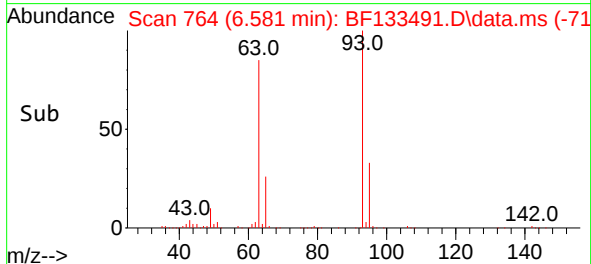
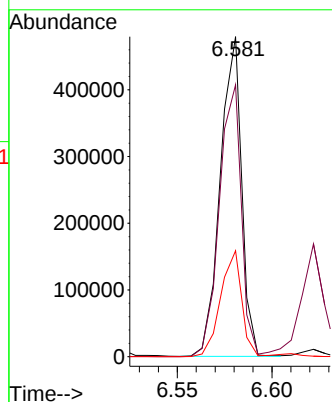
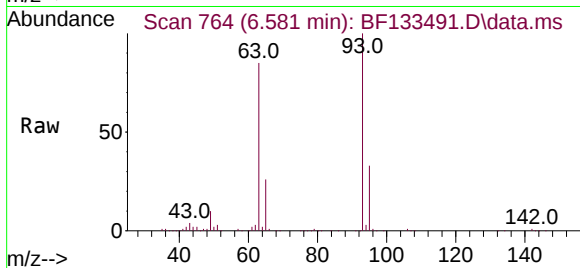
Tgt Ion: 93 Resp: 37555

Ion	Ratio	Lower	Upper
93	100		
63	84.9	64.5	104.5
95	33.1	13.3	53.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#12

1,3-Dichlorobenzene

Concen: 39.818 ng

RT: 6.781 min Scan# 798

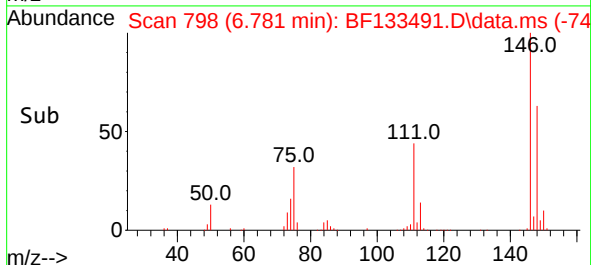
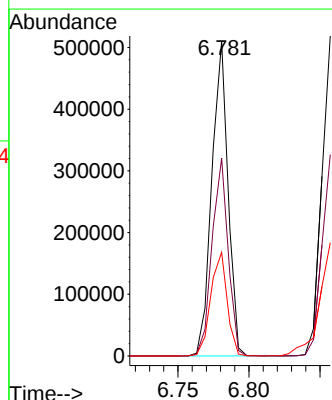
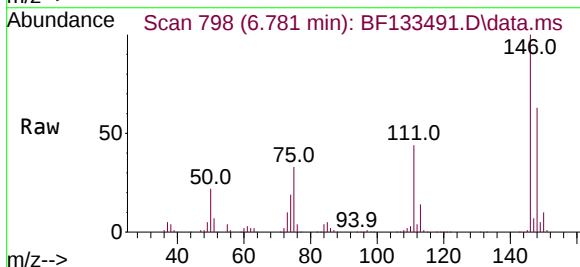
Delta R.T. 0.000 min

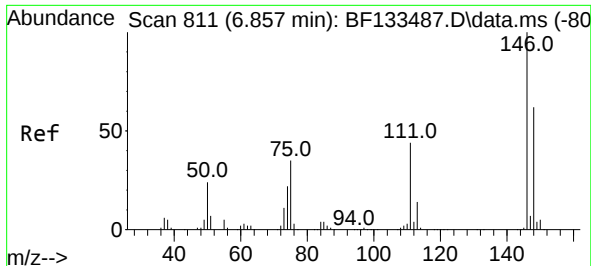
Lab File: BF133491.D

Acq: 25 May 2023 15:10

Tgt Ion:146 Resp: 405921

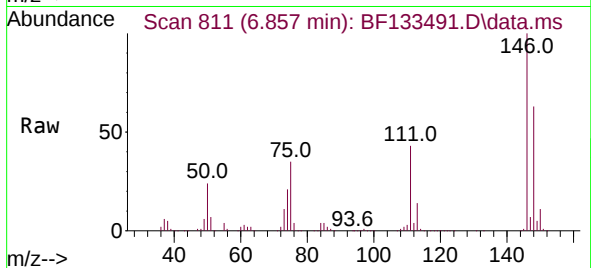
Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.9	74.9
75	32.9	26.7	40.1





#13
1,4-Dichlorobenzene
Concen: 39.596 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

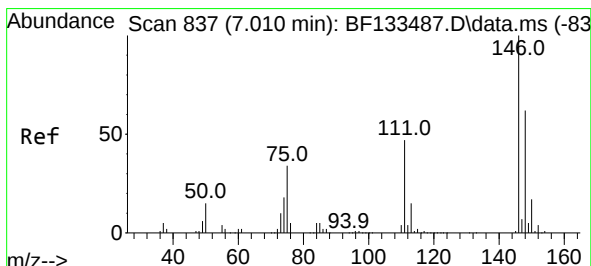
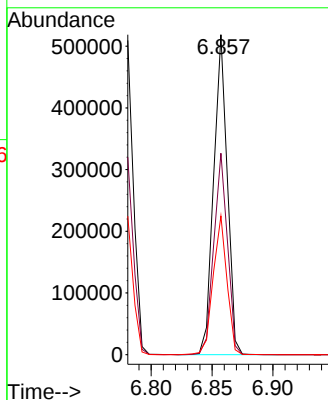
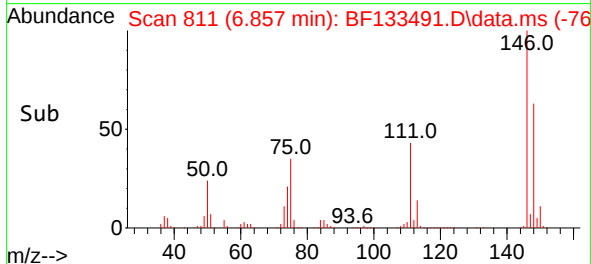
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



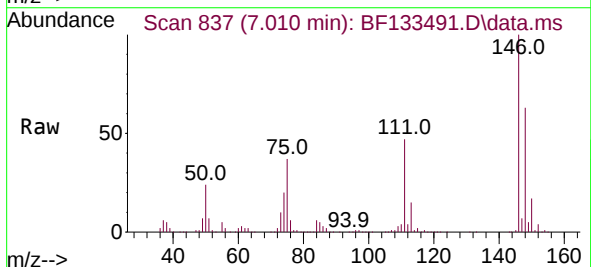
Tgt Ion:146 Resp: 404683
Ion Ratio Lower Upper
146 100
148 63.0 49.8 74.6
111 43.3 35.3 52.9

Manual Integrations
APPROVED

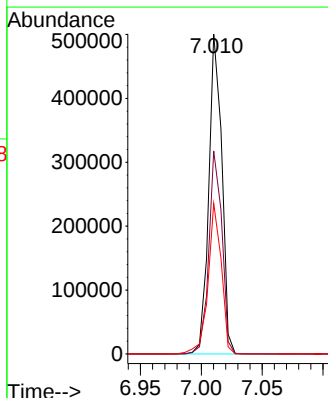
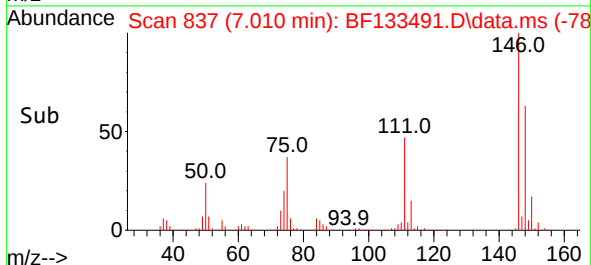
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

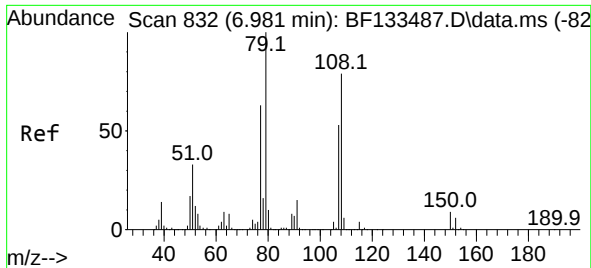


#14
1,2-Dichlorobenzene
Concen: 39.353 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion:146 Resp: 371159
Ion Ratio Lower Upper
146 100
148 63.5 49.8 74.6
111 47.1 37.4 56.2





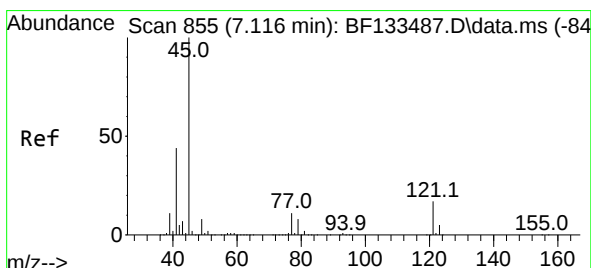
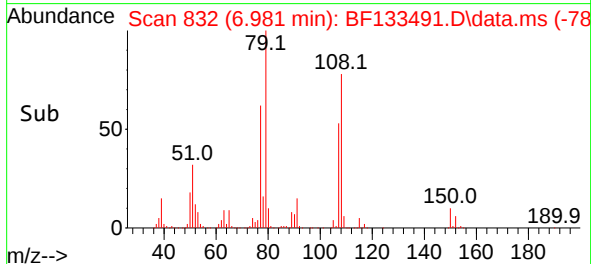
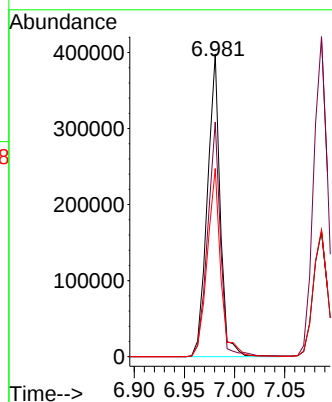
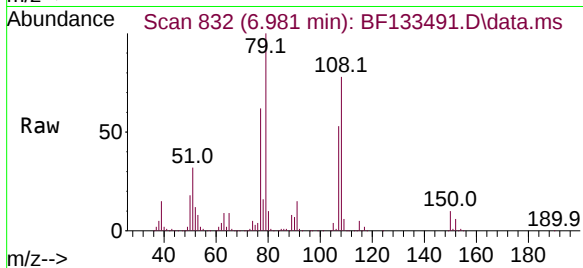
#15
Benzyl Alcohol
Concen: 41.059 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :
BNA_F
ClientSampleId :
ICVBF052523

Tgt Ion: 79 Resp: 35760
Ion Ratio Lower Upper
79 100
108 77.6 63.2 94.8
77 62.2 50.3 75.5

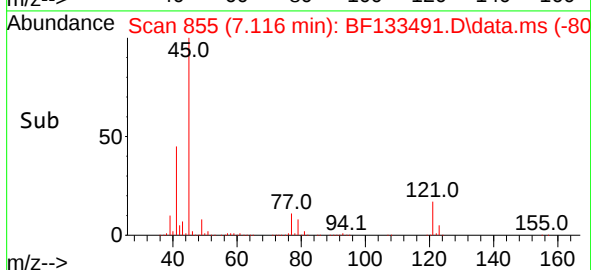
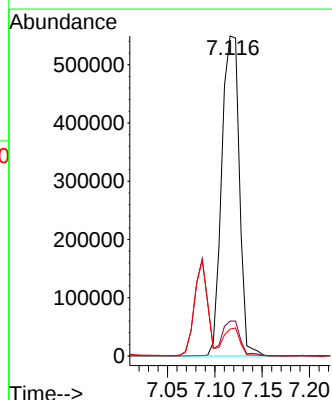
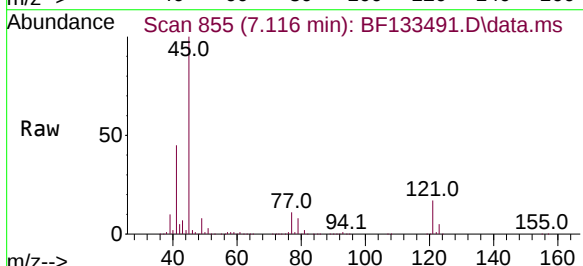
Manual Integrations
APPROVED

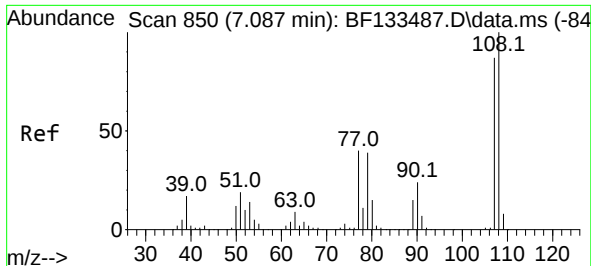
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.495 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Tgt Ion: 45 Resp: 712740
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.8
79 8.4 0.0 28.2





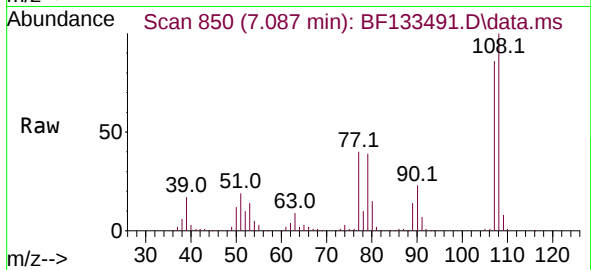
#17
2-Methylphenol
Concen: 39.528 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

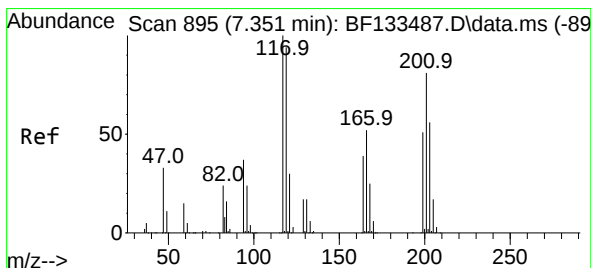
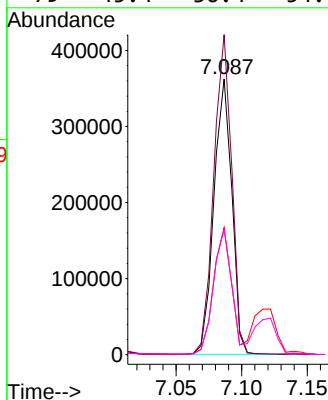
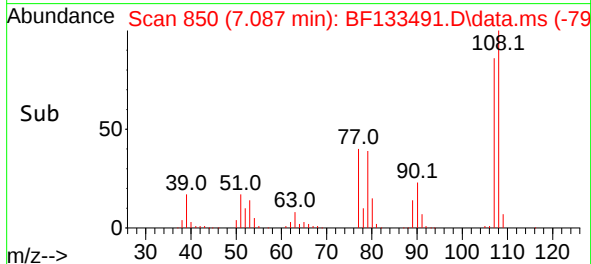


Tgt Ion:107 Resp: 34372
Ion Ratio Lower Upper
107 100
108 116.1 92.2 138.4
77 46.1 37.1 55.7
79 45.4 36.4 54.6

Manual Integrations

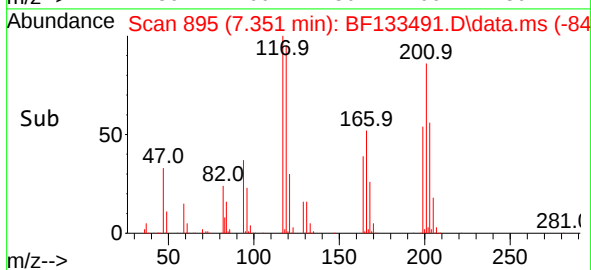
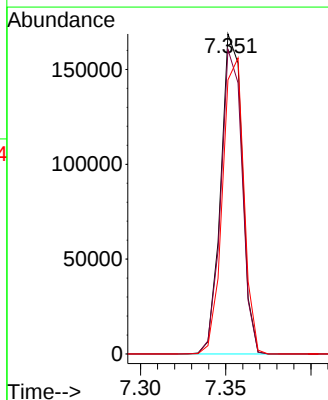
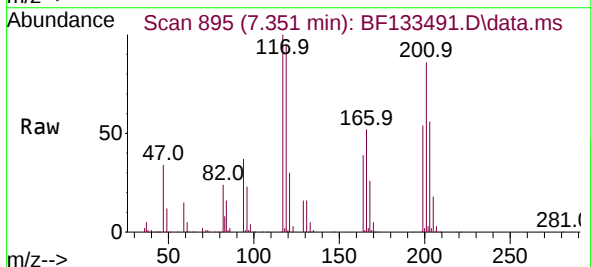
APPROVED

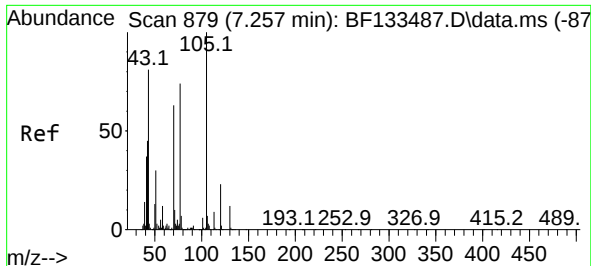
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#18
Hexachloroethane
Concen: 41.765 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

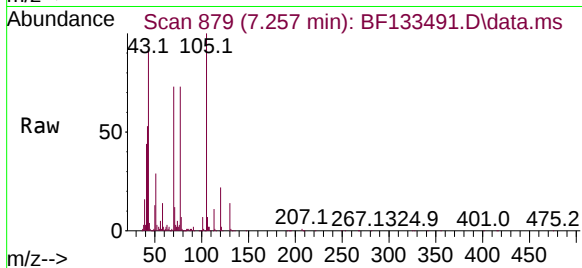
Tgt Ion:117 Resp: 147601
Ion Ratio Lower Upper
117 100
119 95.1 74.9 112.3
201 85.7 64.8 97.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.485 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

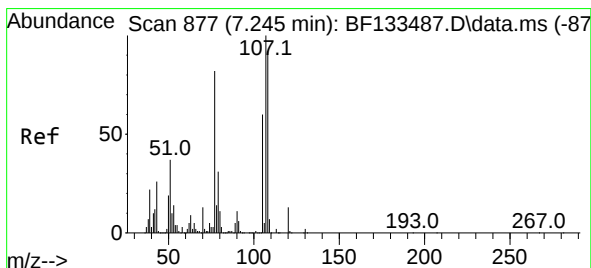
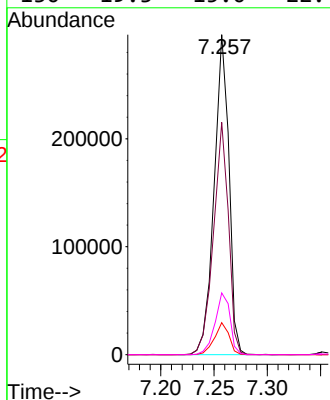
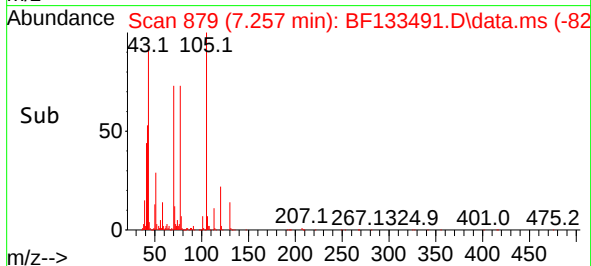
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



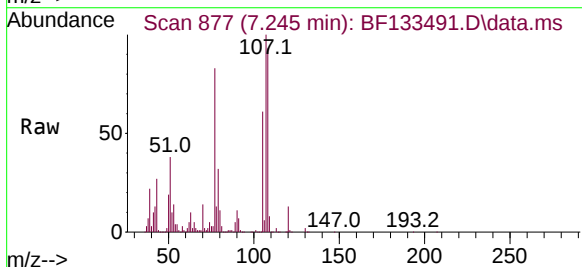
Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.6	57.2	85.8
101	10.0	7.3	10.9
130	19.3	15.0	22.4

Manual Integrations
APPROVED

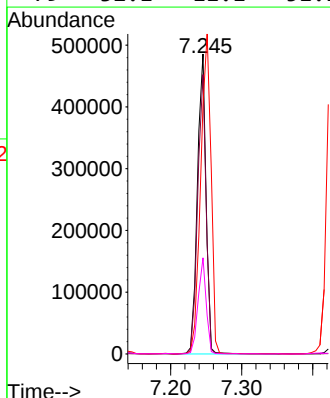
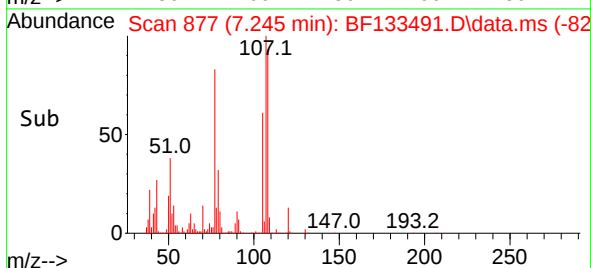
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

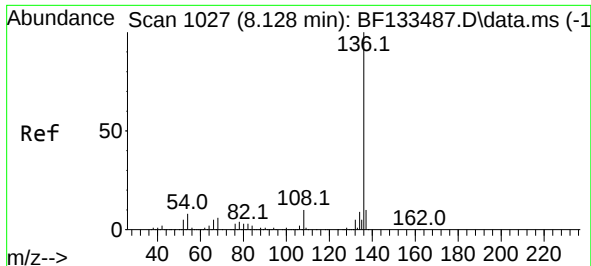


#20
3+4-Methylphenols
Concen: 41.966 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	72.0	112.0
77	83.0	61.9	101.9
79	32.1	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: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

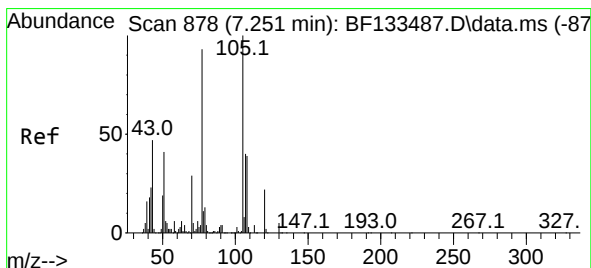
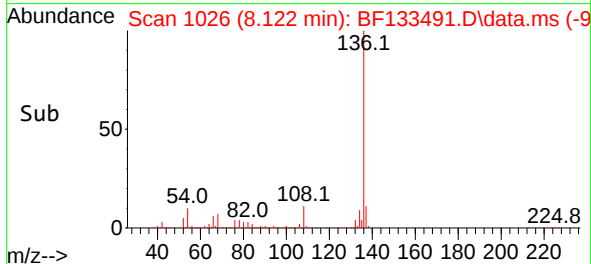
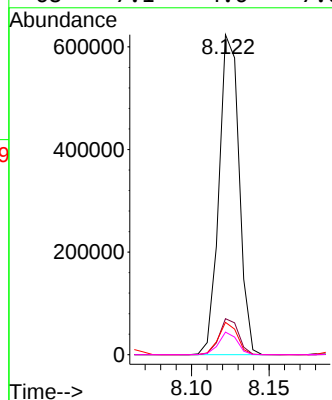
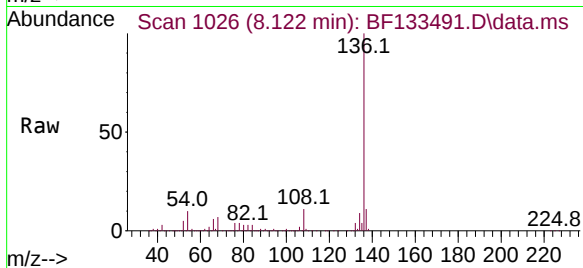
ICVBF052523

Tgt Ion:136 Resp: 56330
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 10.1 6.6 10.0
68 7.1 4.6 7.0#

Manual Integrations

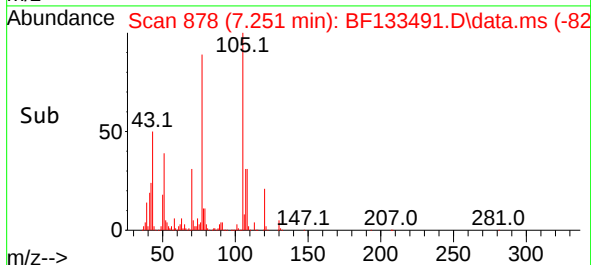
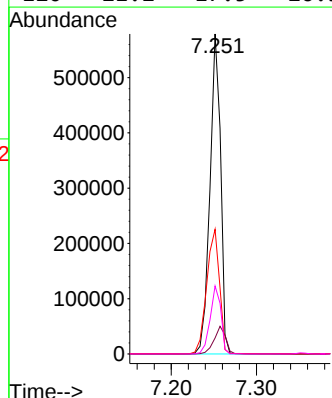
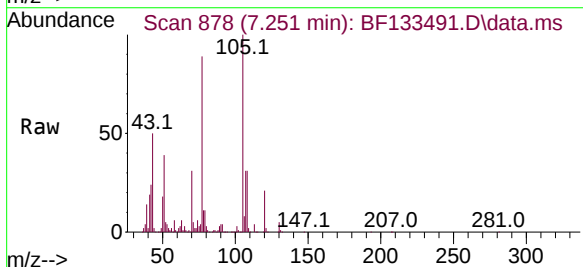
APPROVED

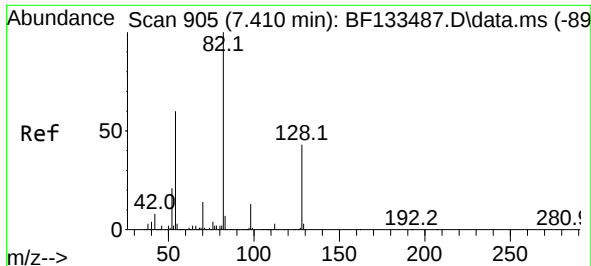
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#22
Acetophenone
Concen: 38.784 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Tgt Ion:105 Resp: 503112
Ion Ratio Lower Upper
105 100
71 5.0 3.8 5.8
51 39.0 32.6 49.0
120 21.2 17.5 26.3





#23

Nitrobenzene-d5

Concen: 97.426 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF133491.D

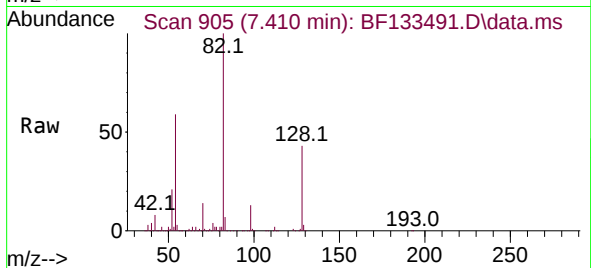
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523



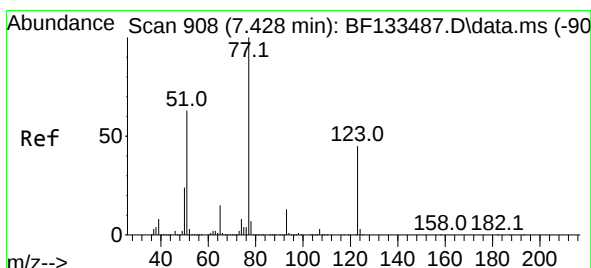
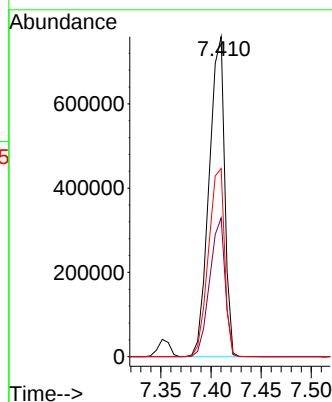
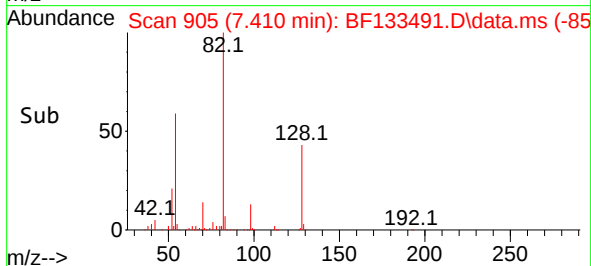
Tgt Ion: 82 Resp: 821948

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.2	51.4
54	58.8	48.2	72.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#24

Nitrobenzene

Concen: 47.140 ng

RT: 7.428 min Scan# 908

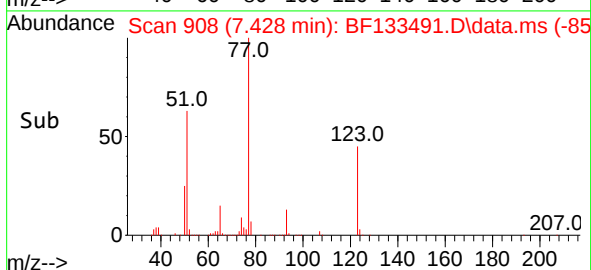
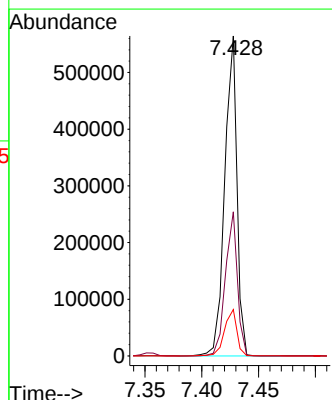
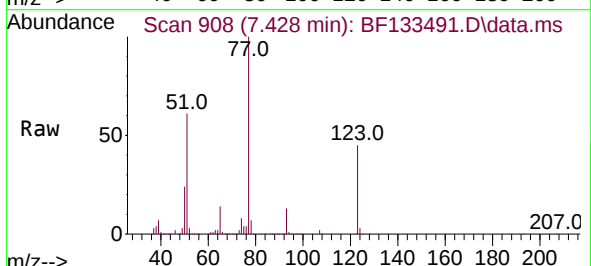
Delta R.T. 0.000 min

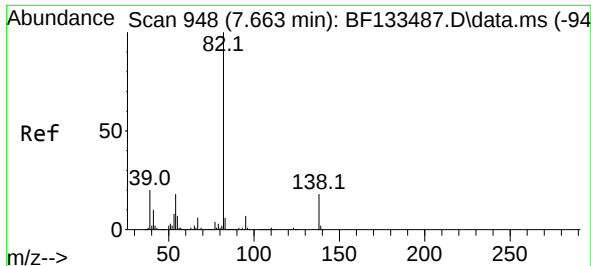
Lab File: BF133491.D

Acq: 25 May 2023 15:10

Tgt Ion: 77 Resp: 423756

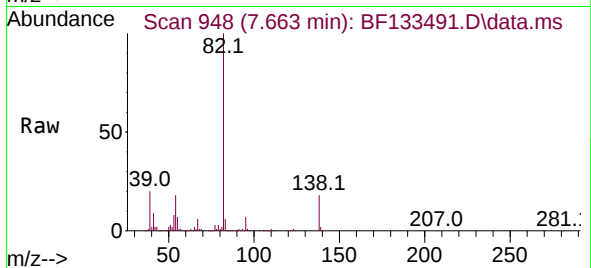
Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.8	53.8
65	14.5	11.8	17.8





#25
Isophorone
Concen: 39.835 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

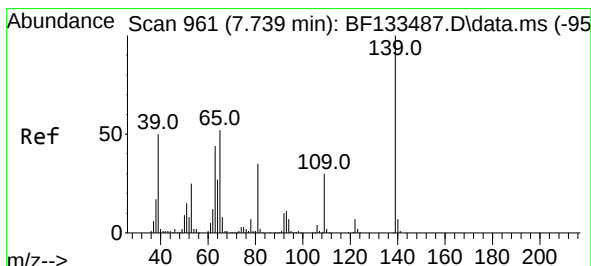
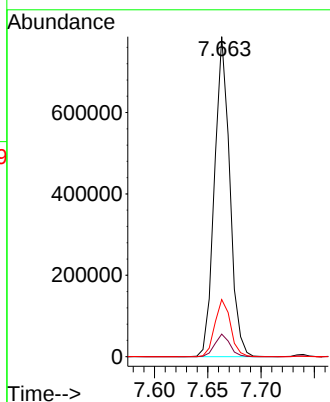
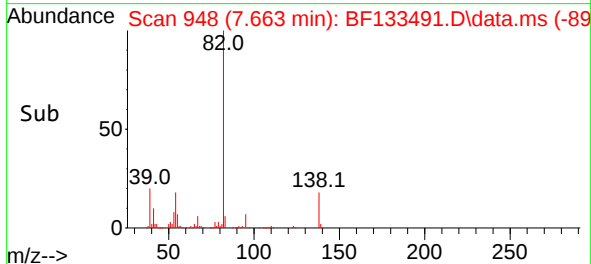
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



Tgt Ion: 82 Resp: 783250
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.9 14.2 21.4

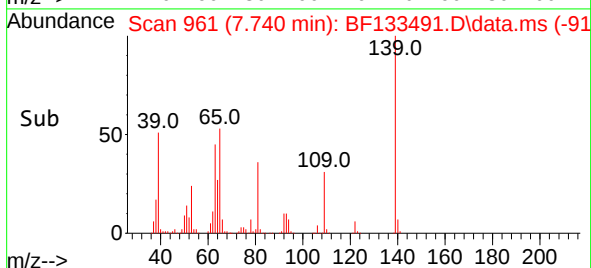
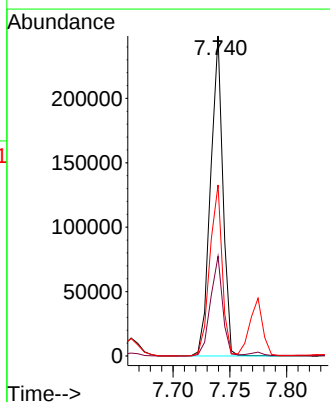
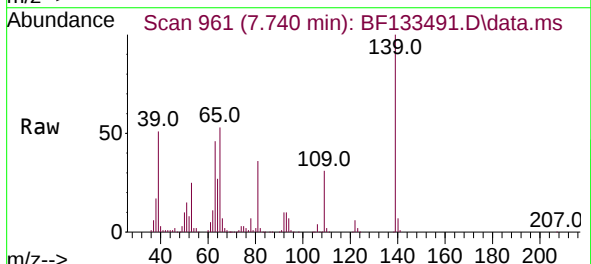
Manual Integrations
APPROVED

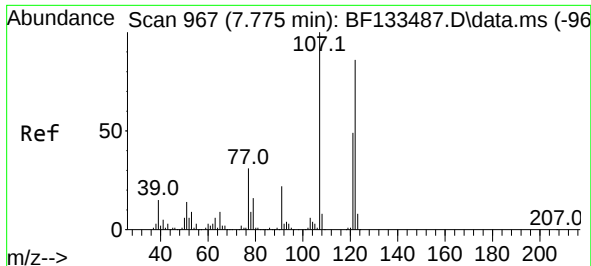
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#26
2-Nitrophenol
Concen: 45.704 ng
RT: 7.740 min Scan# 961
Delta R.T. 0.001 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Tgt Ion:139 Resp: 187229
Ion Ratio Lower Upper
139 100
109 31.1 24.0 36.0
65 53.5 41.7 62.5





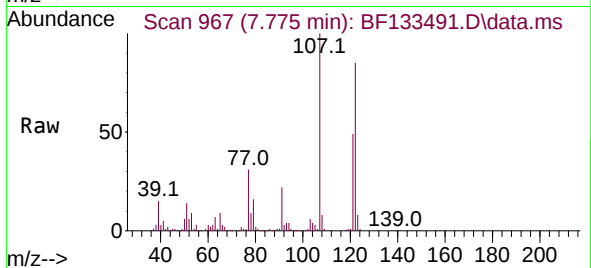
#27
2,4-Dimethylphenol
Concen: 39.721 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

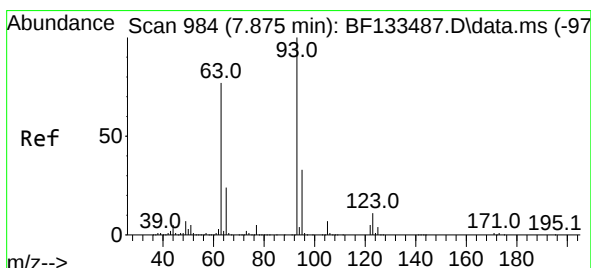
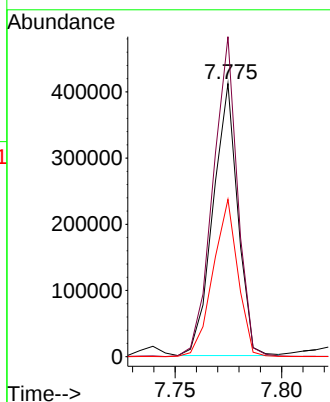
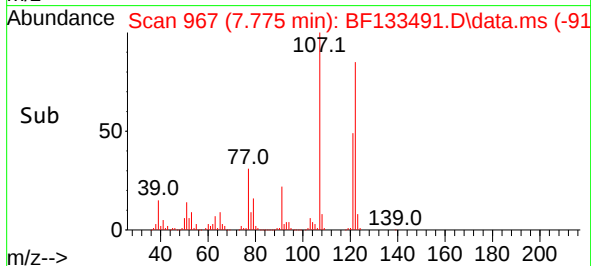


Tgt Ion:122 Resp: 332305
Ion Ratio Lower Upper
122 100
107 117.1 93.4 140.0
121 57.6 45.6 68.4

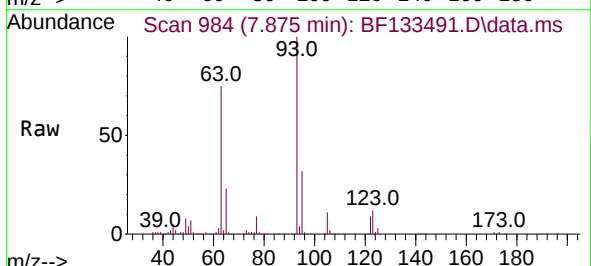
Manual Integrations

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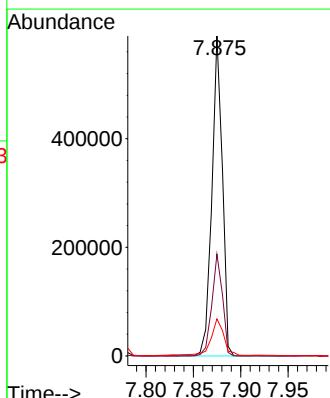
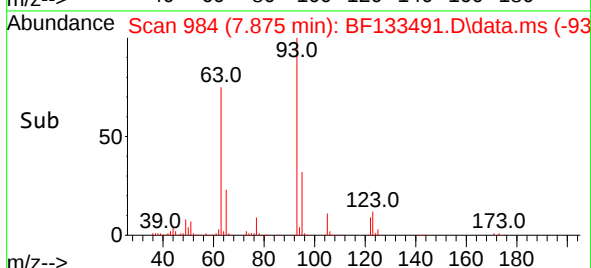
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

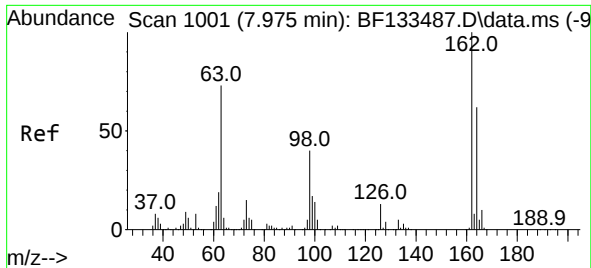


#28
bis(2-Chloroethoxy)methane
Concen: 39.408 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion: 93 Resp: 449305
Ion Ratio Lower Upper
93 100
95 31.8 26.8 40.2
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.110 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BF133491.D

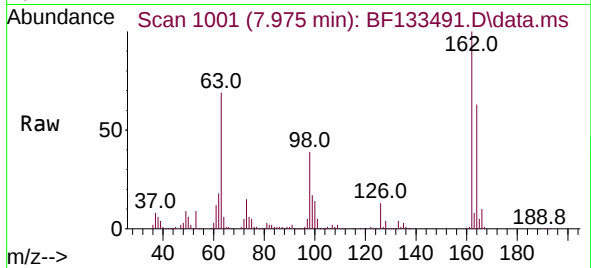
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523



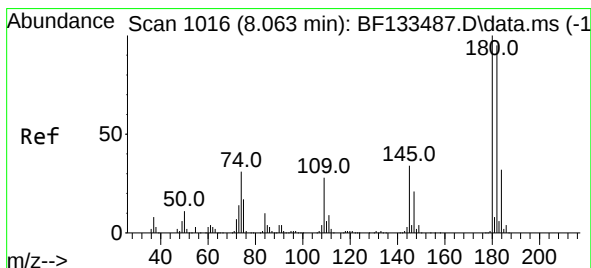
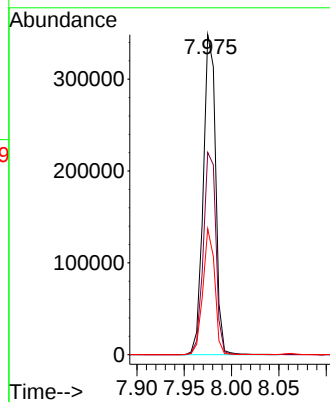
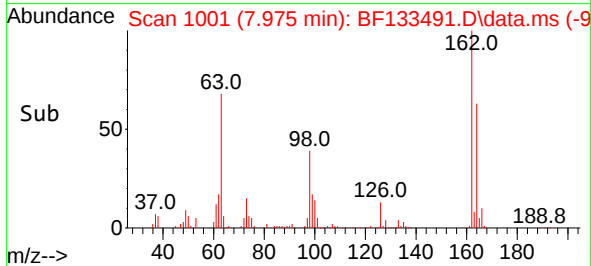
Tgt Ion:	162	Resp:	316949
Ion Ratio	Lower	Upper	
162	100		
164	63.2	42.2	82.2
98	39.3	19.7	59.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.435 ng

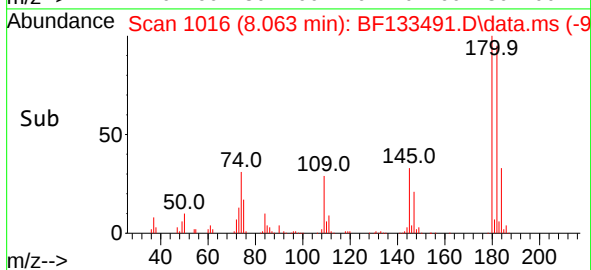
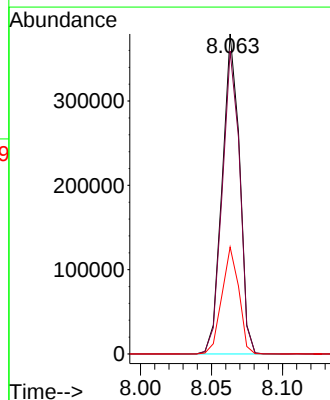
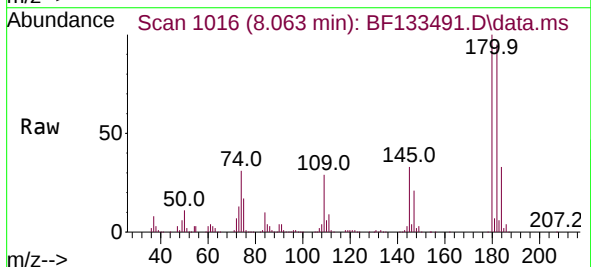
RT: 8.063 min Scan# 1016

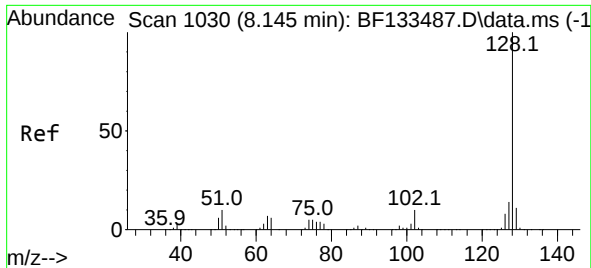
Delta R.T. 0.000 min

Lab File: BF133491.D

Acq: 25 May 2023 15:10

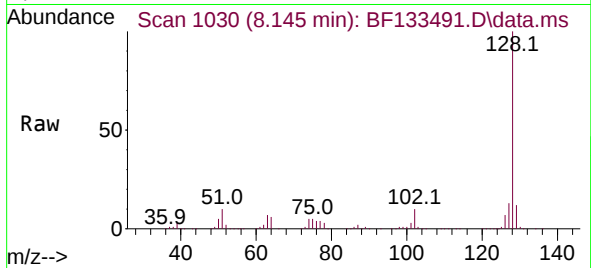
Tgt Ion:	180	Resp:	321047
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.1	114.1
145	33.4	27.0	40.4





#31
Naphthalene
Concen: 39.292 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

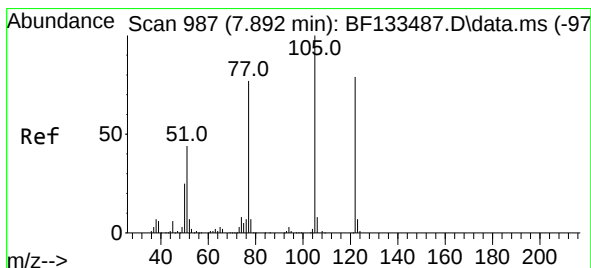
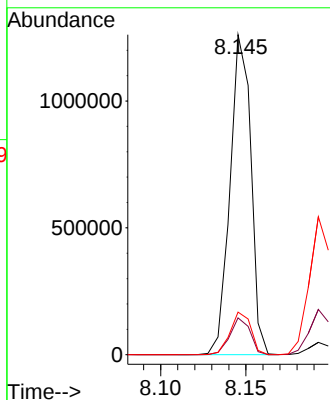
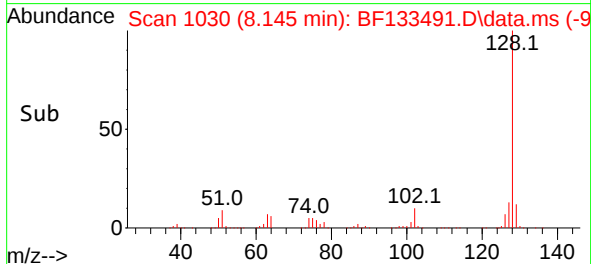
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



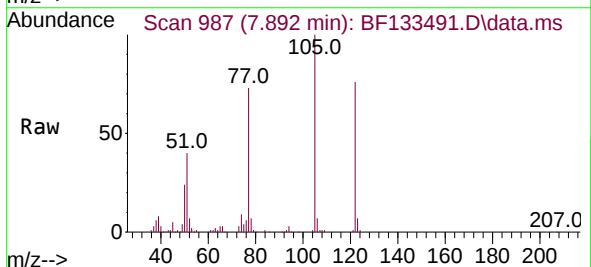
Tgt Ion:128 Resp: 1073040
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.9 16.3

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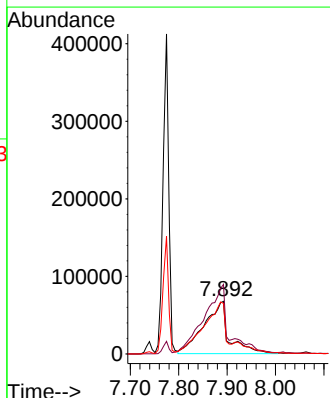
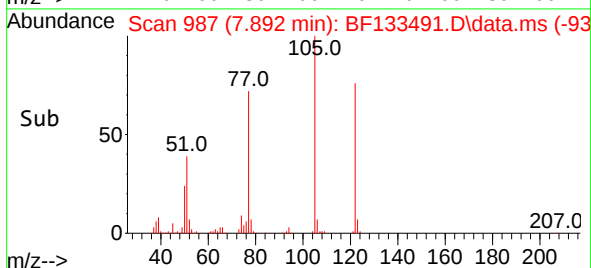
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

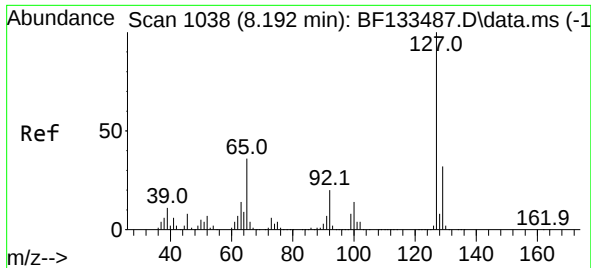


#32
Benzoic acid
Concen: 45.048 ng m
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion:122 Resp: 245304
Ion Ratio Lower Upper
122 100
105 132.0 103.3 143.3
77 95.9 75.7 115.7





#33
4-Chloroaniline
Concen: 39.919 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

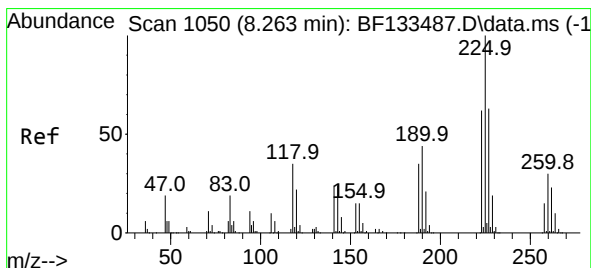
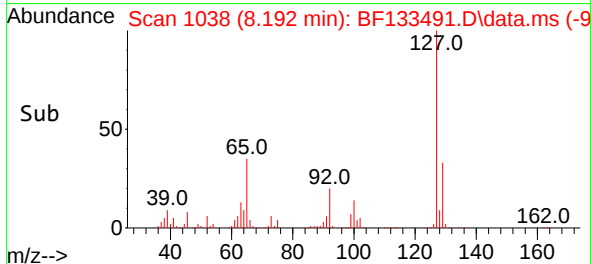
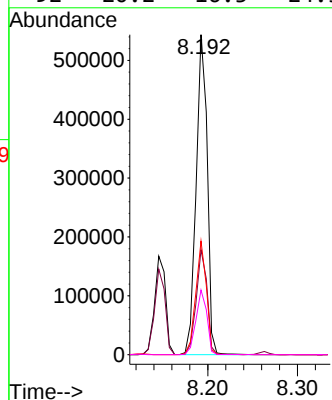
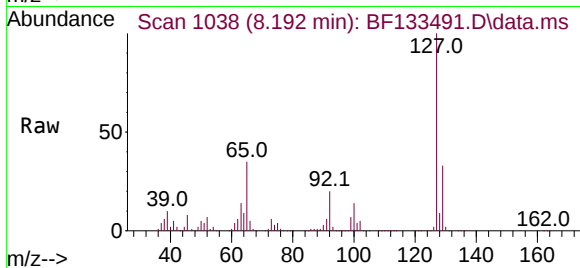
ClientSampleId :

ICVBF052523

Tgt Ion:127 Resp: 46724
Ion Ratio Lower Upper
127 100
129 32.8 25.9 38.9
65 35.5 29.0 43.6
92 20.2 16.3 24.5

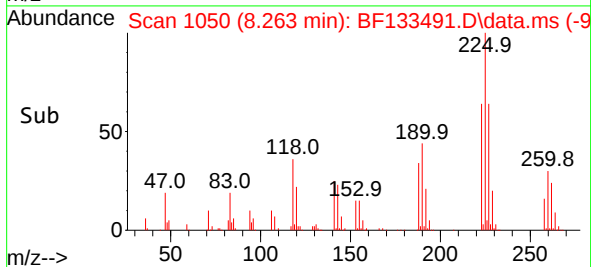
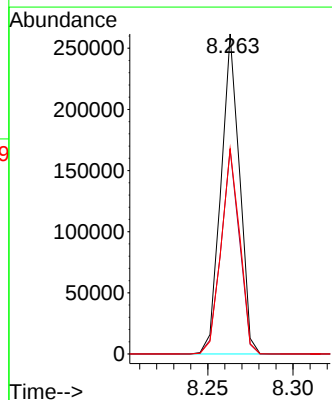
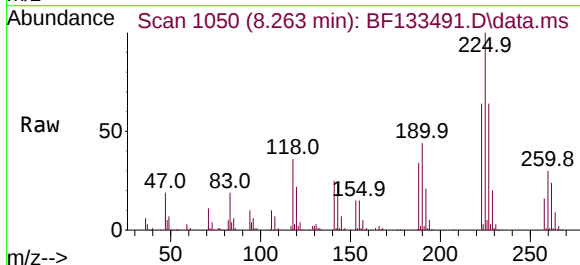
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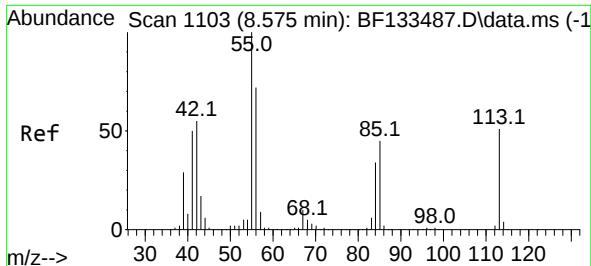
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#34
Hexachlorobutadiene
Concen: 40.047 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Tgt Ion:225 Resp: 198321
Ion Ratio Lower Upper
225 100
223 64.0 49.8 74.8
227 64.2 50.2 75.4





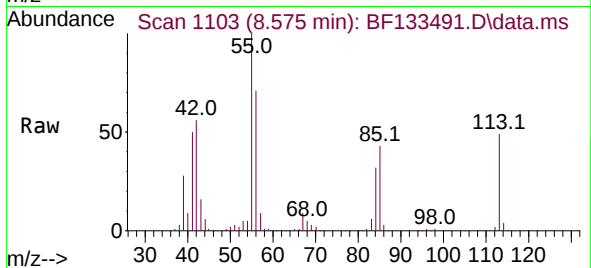
#35
Caprolactam
Concen: 42.279 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

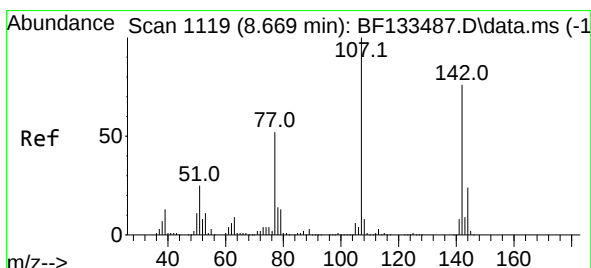
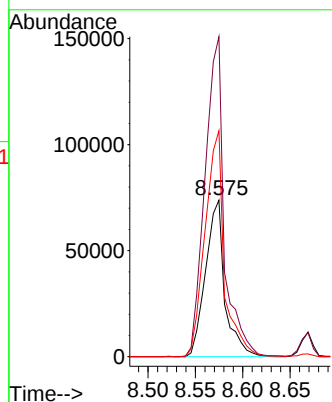
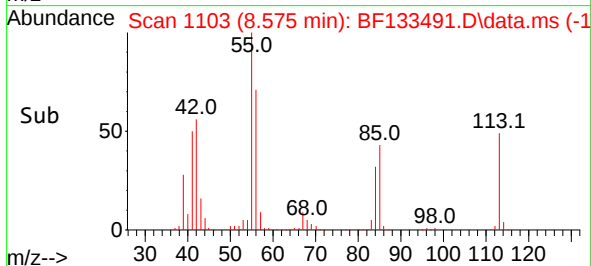
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Tgt Ion:113 Resp: 10436
Ion Ratio Lower Upper
113 100
55 204.4 177.5 217.5
56 144.4 122.3 162.3

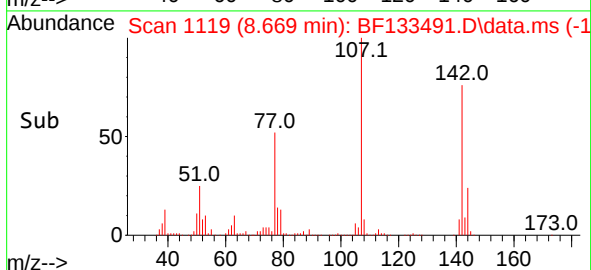
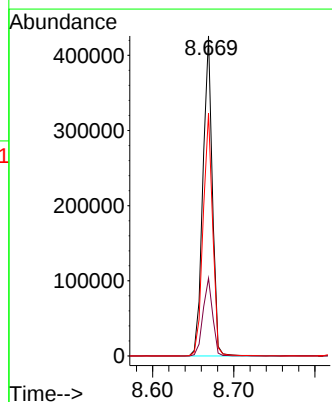
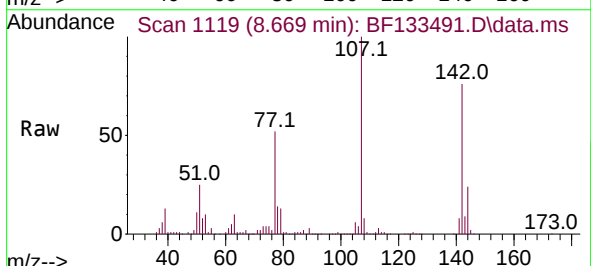
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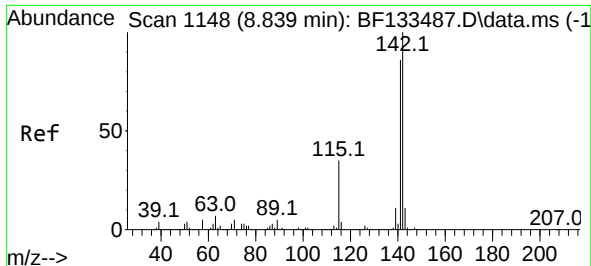
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#36
4-Chloro-3-methylphenol
Concen: 40.832 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Tgt Ion:107 Resp: 344269
Ion Ratio Lower Upper
107 100
144 24.3 19.4 29.0
142 75.8 60.5 90.7





#37

2-Methylnaphthalene

Concen: 39.431 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF133491.D

Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

Tgt Ion:142 Resp: 73523

Ion Ratio Lower Upper

142 100

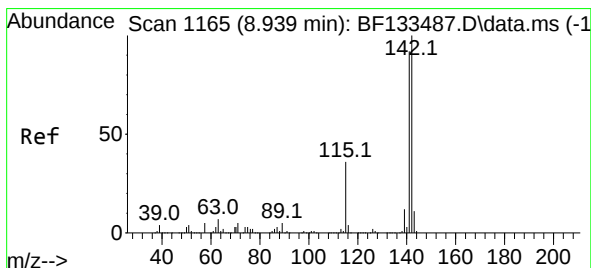
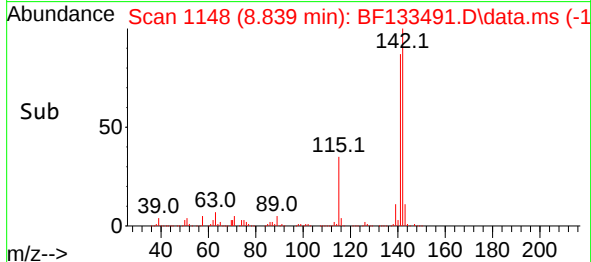
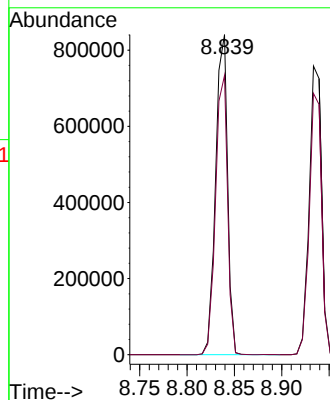
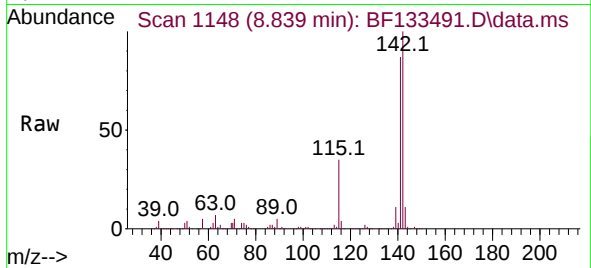
141 87.3 69.2 103.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#38

1-Methylnaphthalene

Concen: 39.680 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.005 min

Lab File: BF133491.D

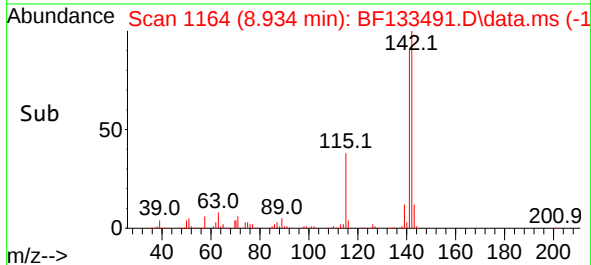
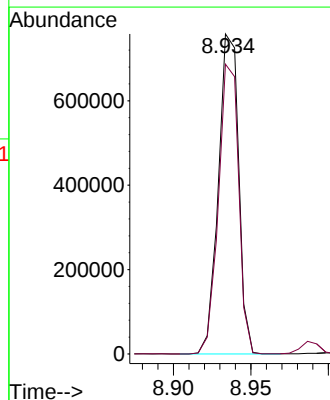
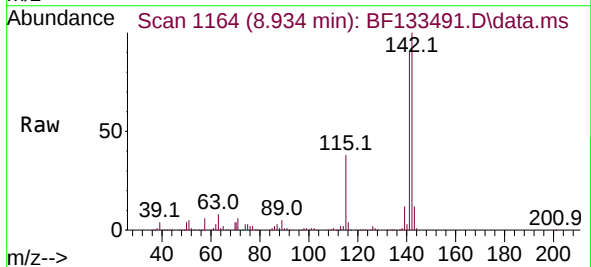
Acq: 25 May 2023 15:10

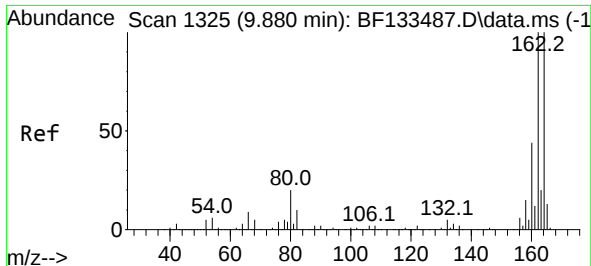
Tgt Ion:142 Resp: 689688

Ion Ratio Lower Upper

142 100

141 90.6 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF133491.D

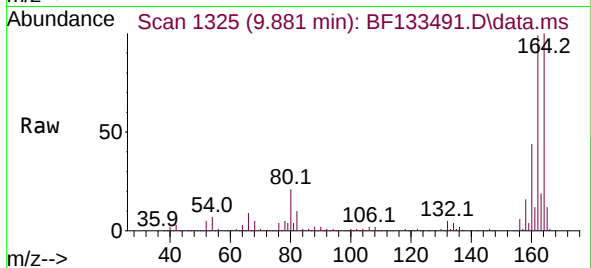
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523



Tgt Ion:164 Resp: 273380

Ion Ratio Lower Upper

164 100

162 98.8 79.7 119.5

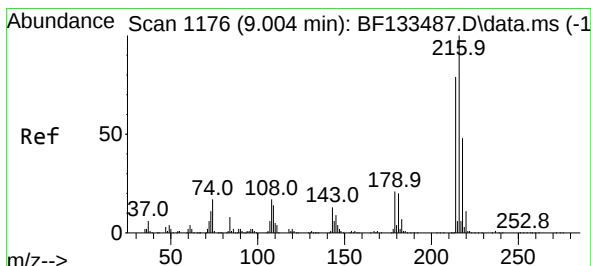
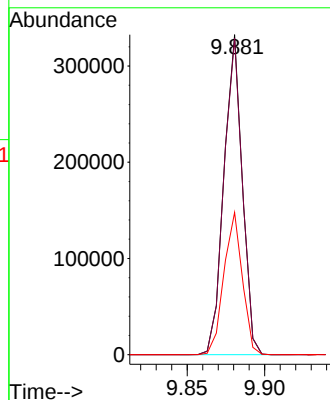
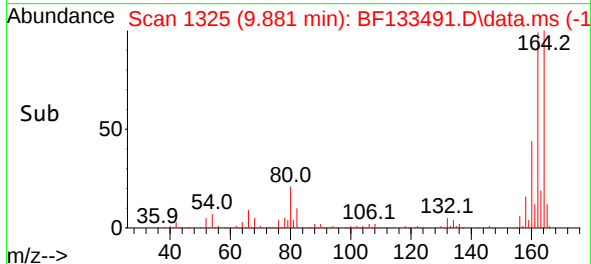
160 44.4 35.4 53.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.411 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF133491.D

Acq: 25 May 2023 15:10

Tgt Ion:216 Resp: 319330

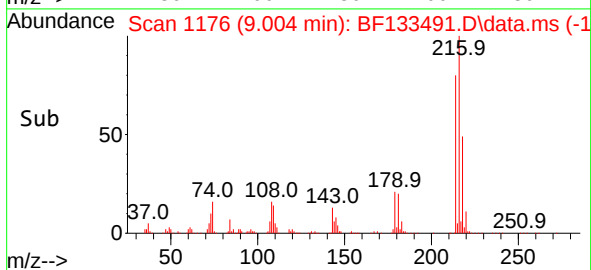
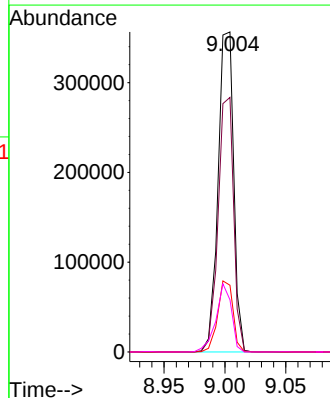
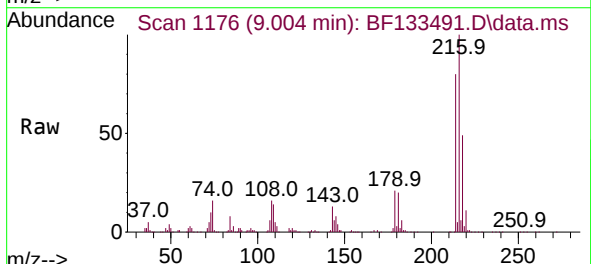
Ion Ratio Lower Upper

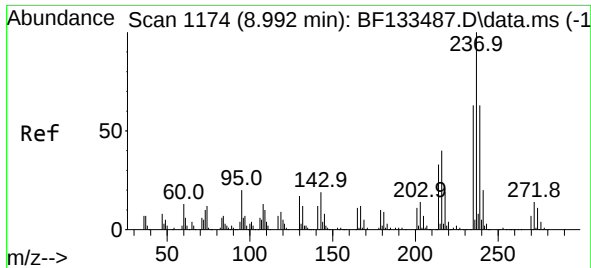
216 100

214 78.9 63.2 94.8

179 21.8 17.3 25.9

108 21.1 16.7 25.1





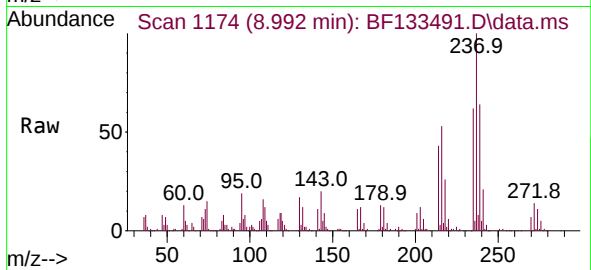
#41
Hexachlorocyclopentadiene
Concen: 44.153 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

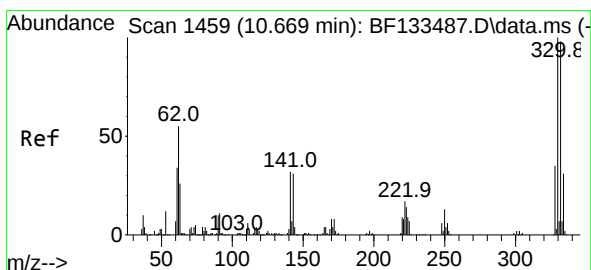
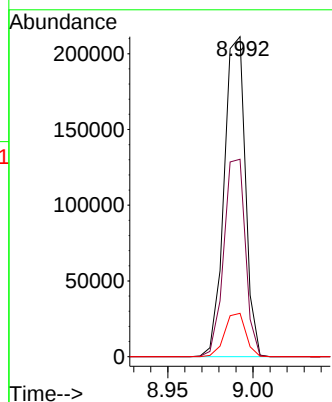
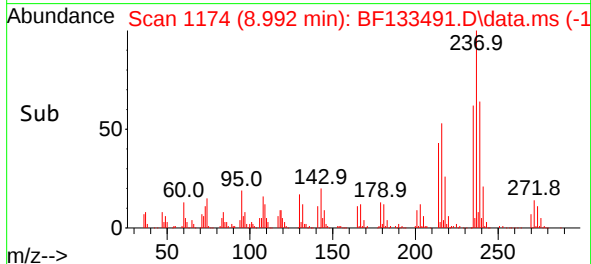


Tgt Ion:237 Resp: 183330
Ion Ratio Lower Upper
237 100
235 61.7 43.0 83.0
272 13.6 0.0 33.5

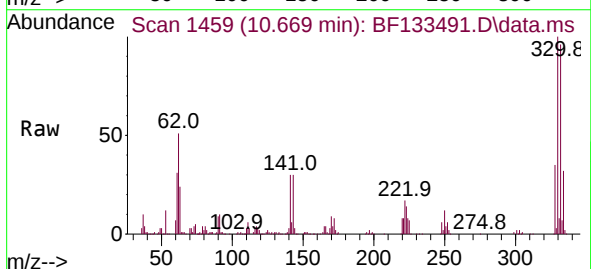
Manual Integrations

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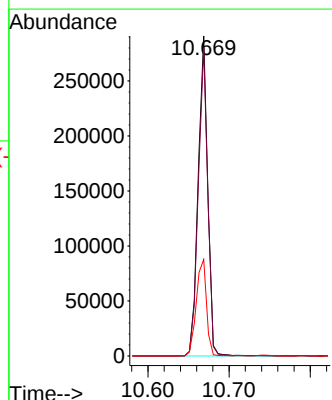
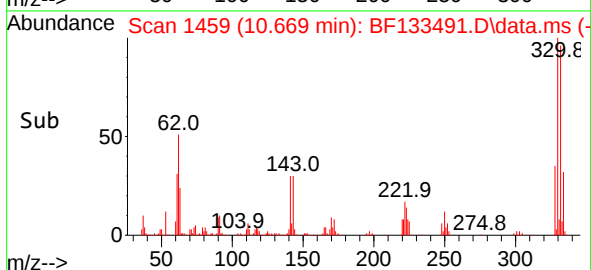
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

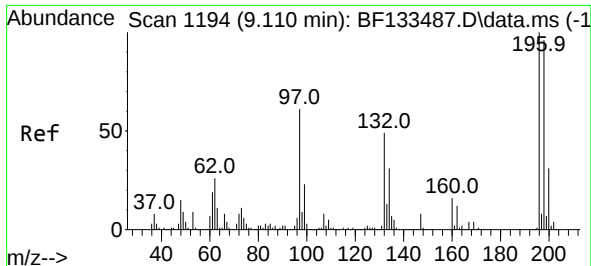


#42
2,4,6-Tribromophenol
Concen: 87.890 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion:330 Resp: 239508
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.6
141 32.3 26.6 40.0





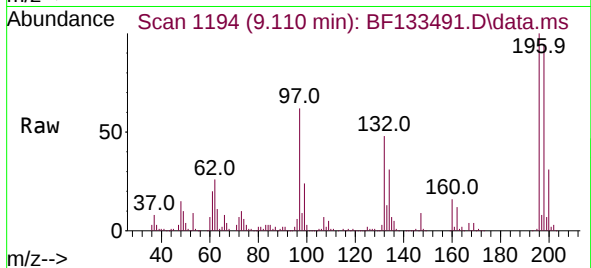
#43
2,4,6-Trichlorophenol
Concen: 42.317 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

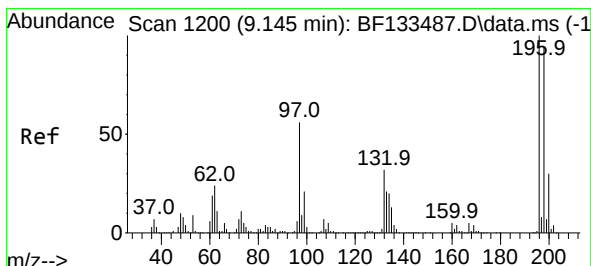
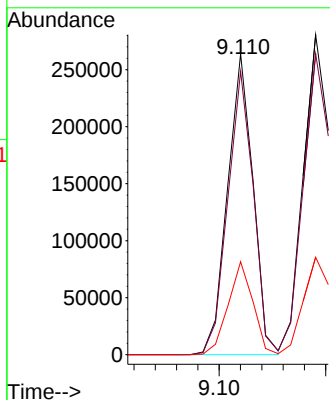
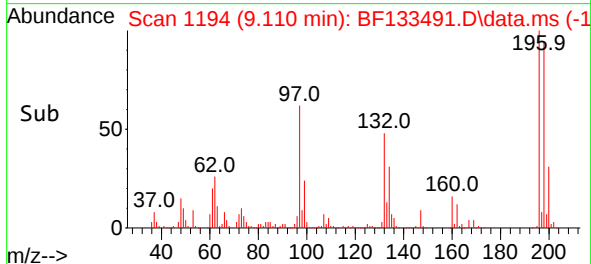


Tgt Ion:196 Resp: 21940
Ion Ratio Lower Upper
196 100
198 94.1 76.6 115.0
200 30.9 24.6 37.0

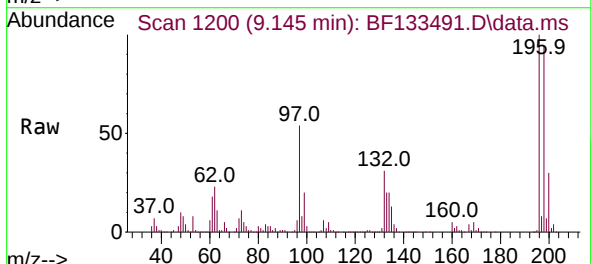
Manual Integrations

APPROVED

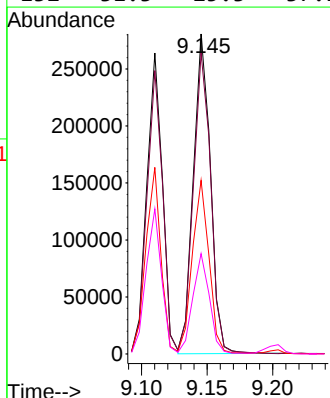
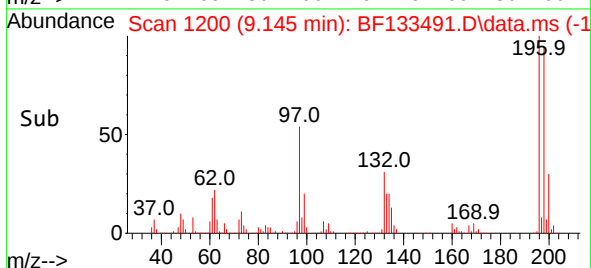
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

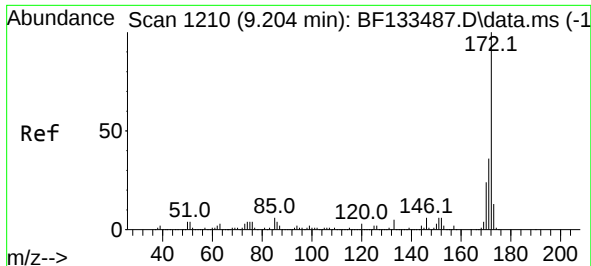


#44
2,4,5-Trichlorophenol
Concen: 42.367 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion:196 Resp: 254964
Ion Ratio Lower Upper
196 100
198 94.0 75.3 112.9
97 54.2 44.9 67.3
132 31.3 25.3 37.9





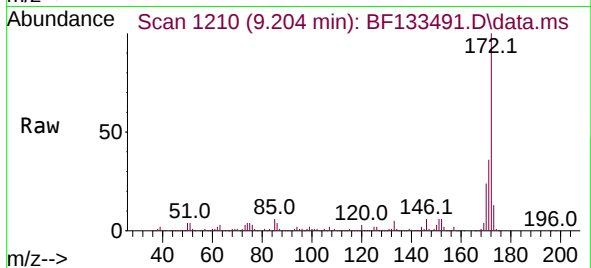
#45
2-Fluorobiphenyl
Concen: 79.291 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

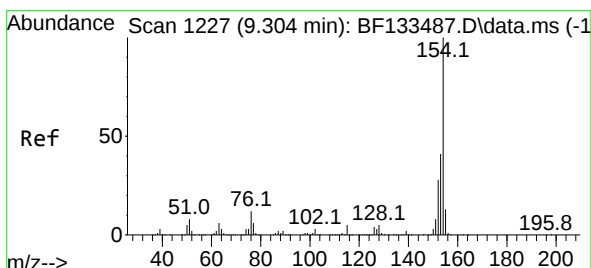
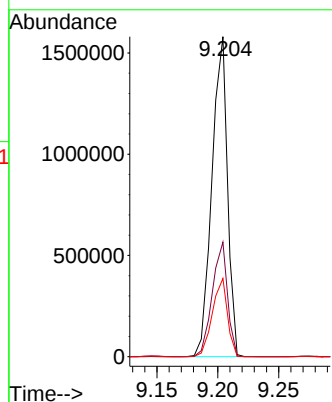
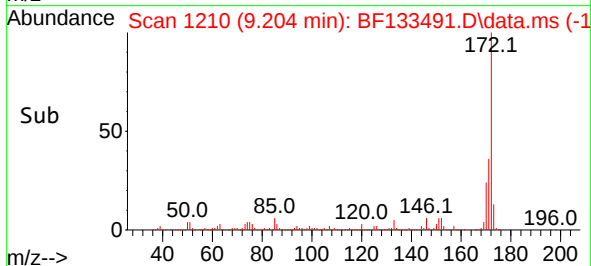


Tgt Ion:172 Resp: 1404436
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.4 19.3 28.9

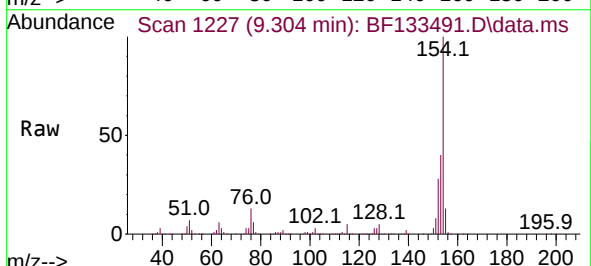
Manual Integrations

APPROVED

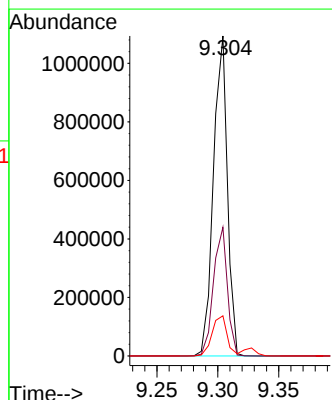
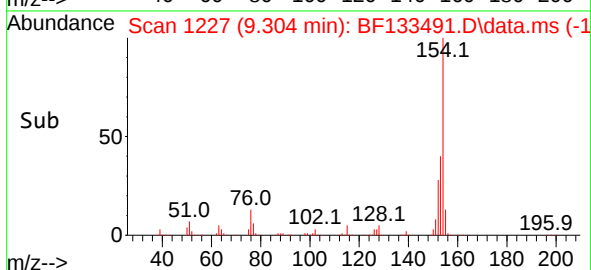
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

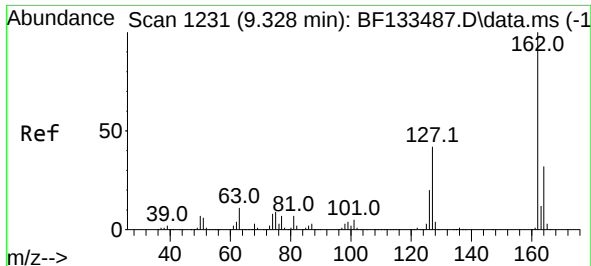


#46
1,1'-Biphenyl
Concen: 39.220 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion:154 Resp: 871112
Ion Ratio Lower Upper
154 100
153 40.2 21.0 61.0
76 12.6 0.0 32.5





#47

2-Chloronaphthalene

Concen: 39.369 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF133491.D

Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

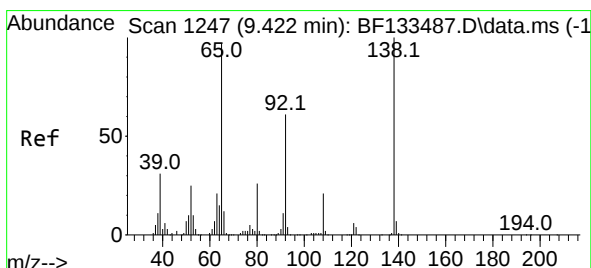
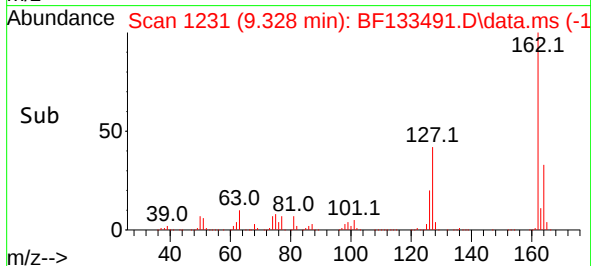
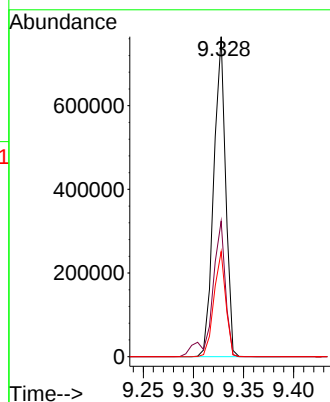
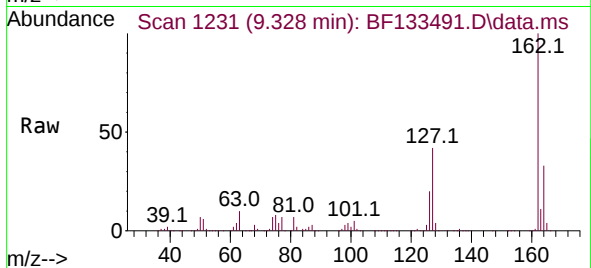
ICVBF052523

Tgt Ion:	162	Resp:	633719
Ion Ratio	Lower	Upper	
162	100		
127	42.3	33.2	49.8
164	32.9	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#48

2-Nitroaniline

Concen: 44.013 ng

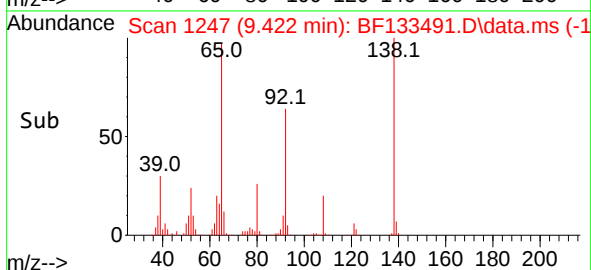
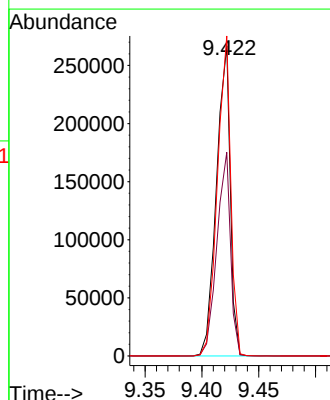
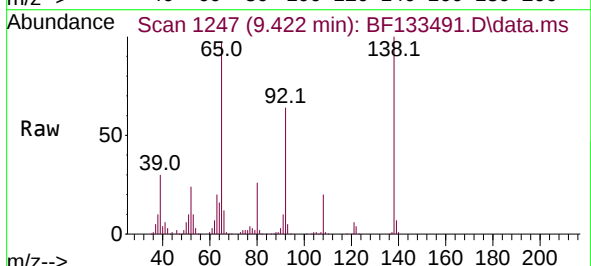
RT: 9.422 min Scan# 1247

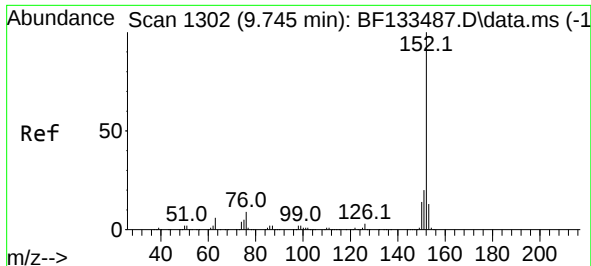
Delta R.T. -0.000 min

Lab File: BF133491.D

Acq: 25 May 2023 15:10

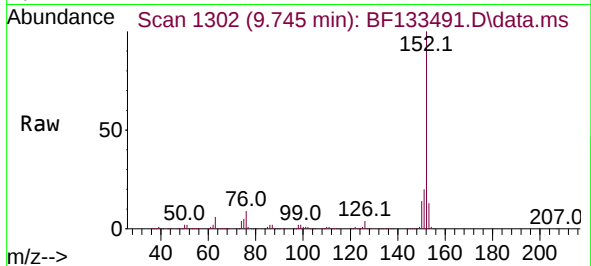
Tgt Ion:	65	Resp:	225600
Ion Ratio	Lower	Upper	
65	100		
92	65.7	50.8	76.2
138	103.2	82.6	124.0





#49
Acenaphthylene
Concen: 39.660 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

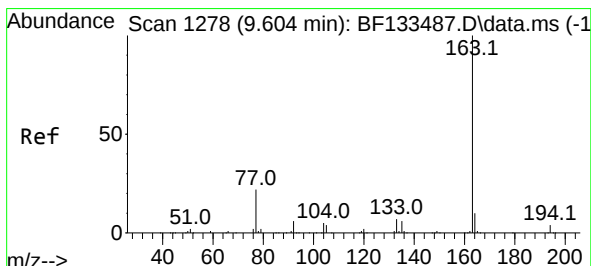
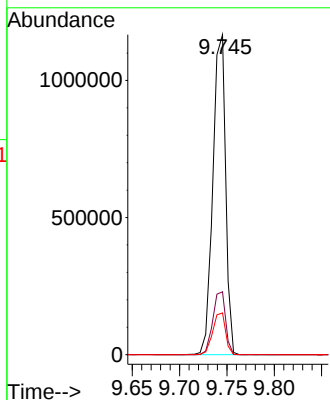
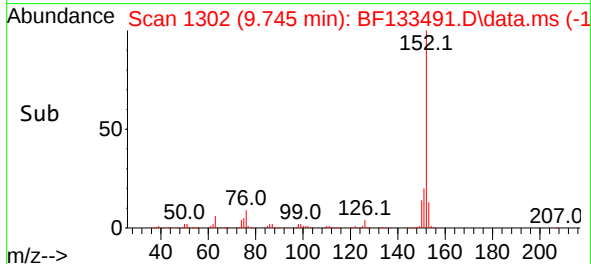
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



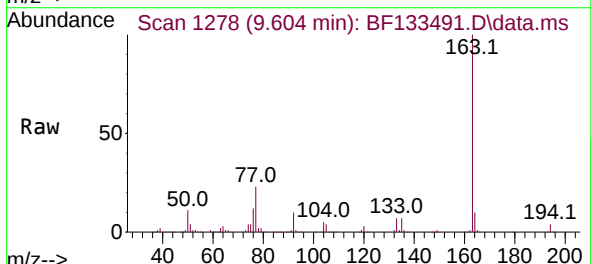
Tgt Ion:152 Resp: 108945
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.0 10.4 15.6

Manual Integrations
APPROVED

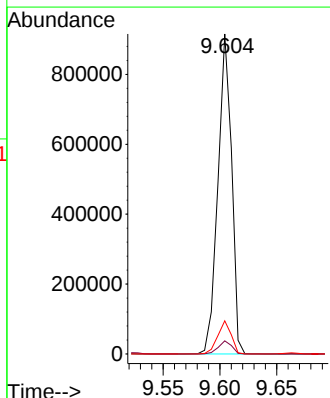
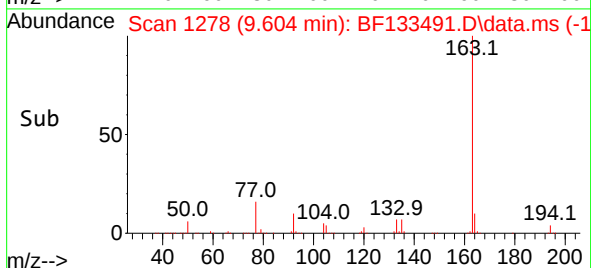
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

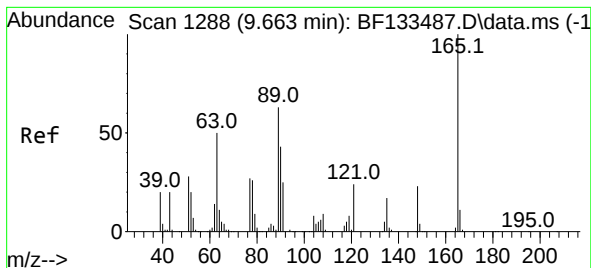


#50
Dimethylphthalate
Concen: 39.912 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



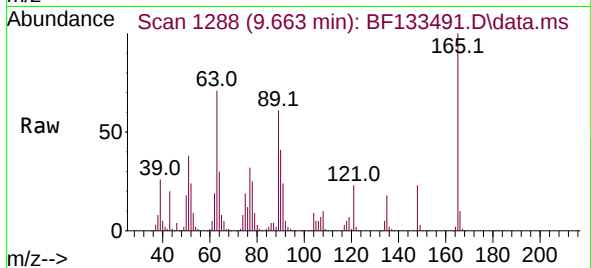
Tgt Ion:163 Resp: 766866
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.946 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

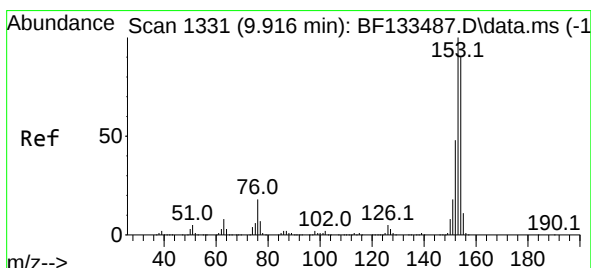
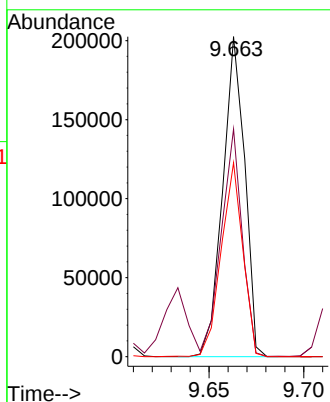
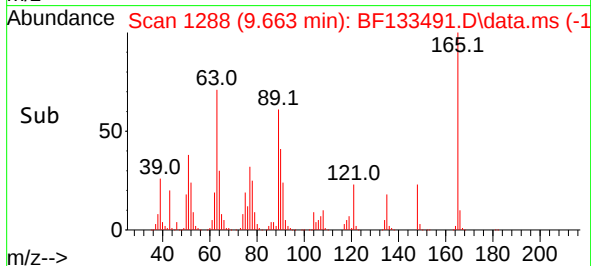
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



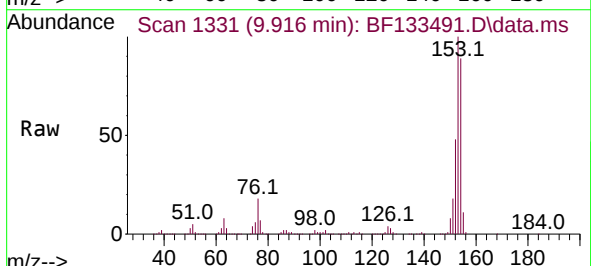
Tgt Ion:165 Resp: 16327
Ion Ratio Lower Upper
165 100
63 71.1 57.0 85.4
89 60.6 50.8 76.2

Manual Integrations
APPROVED

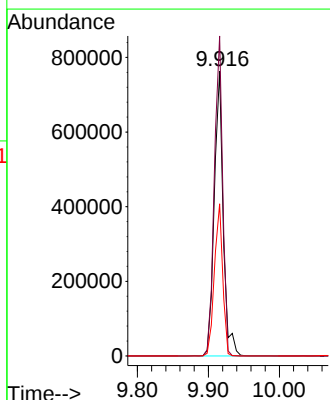
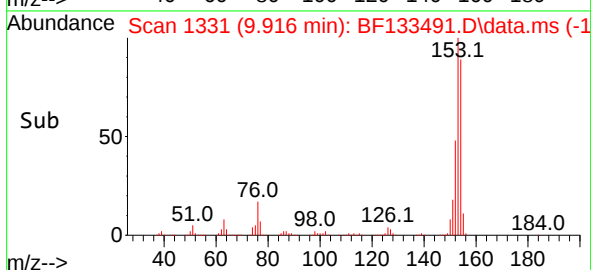
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

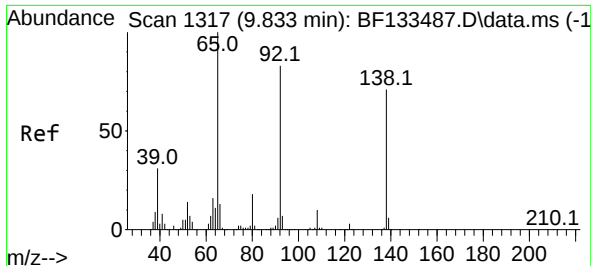


#52
Acenaphthene
Concen: 40.164 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion:154 Resp: 668340
Ion Ratio Lower Upper
154 100
153 112.4 89.2 133.8
152 53.5 43.1 64.7





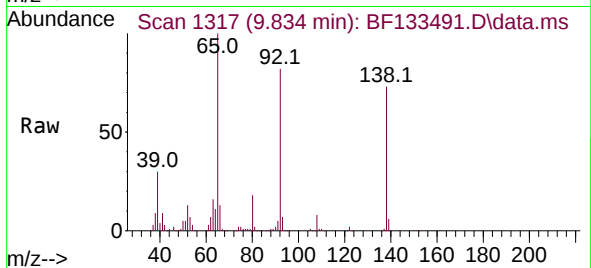
#53
3-Nitroaniline
Concen: 44.150 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.001 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

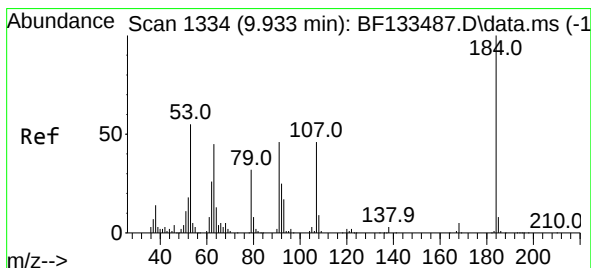
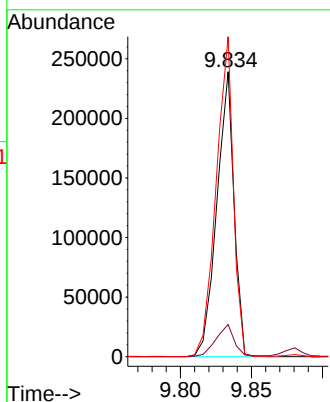
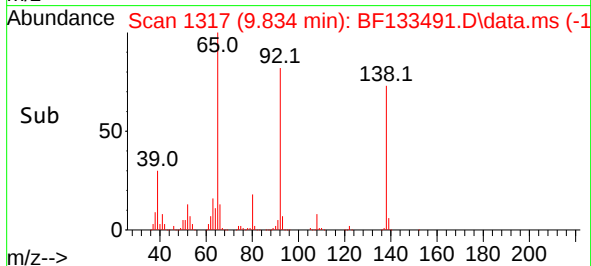


Tgt Ion:138 Resp: 200950
Ion Ratio Lower Upper
138 100
108 11.3 11.9 17.9
92 112.3 93.1 139.7

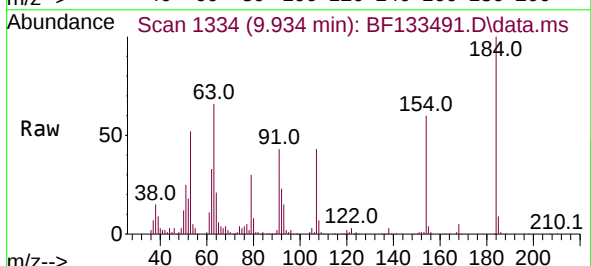
Manual Integrations

APPROVED

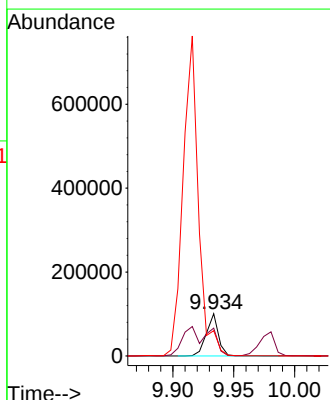
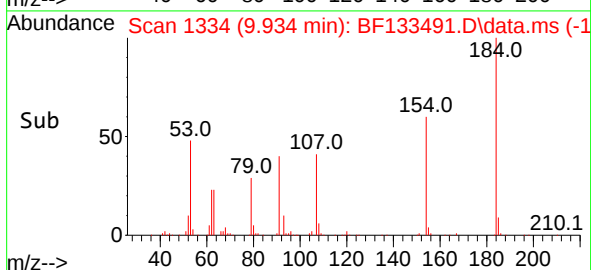
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

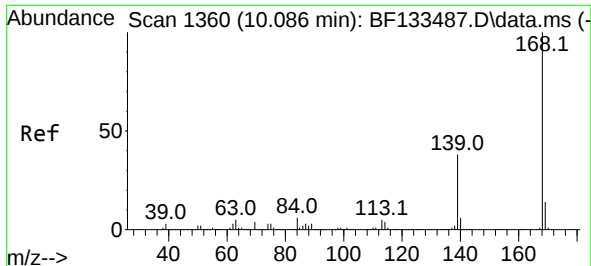


#54
2,4-Dinitrophenol
Concen: 46.805 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.001 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



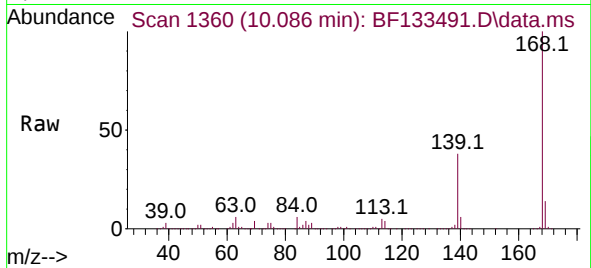
Tgt Ion:184 Resp: 69432
Ion Ratio Lower Upper
184 100
63 65.9 55.7 83.5
154 60.0 49.3 73.9





#55
Dibenzofuran
Concen: 39.036 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

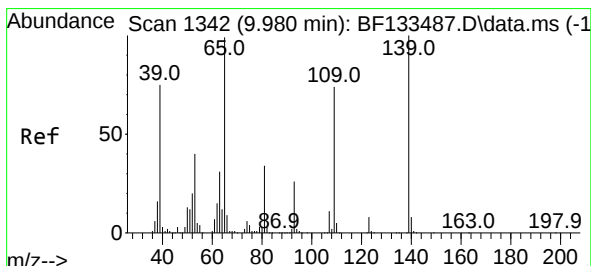
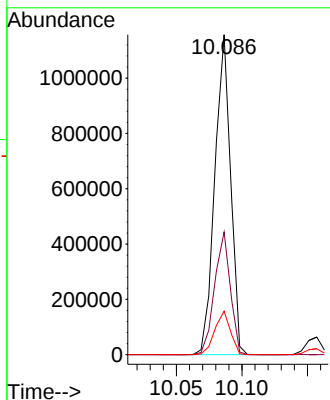
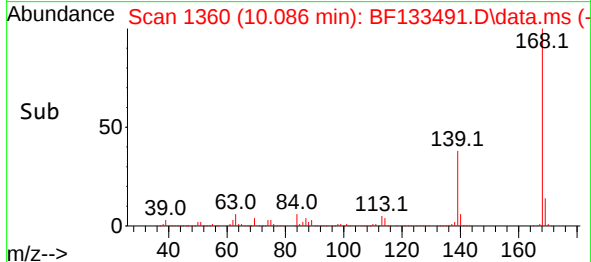
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



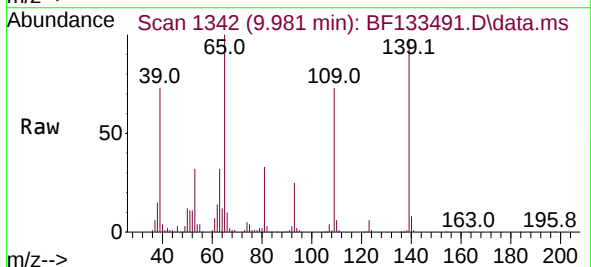
Tgt Ion:168 Resp: 966405
Ion Ratio Lower Upper
168 100
139 38.4 30.6 46.0
169 13.6 10.9 16.3

Manual Integrations
APPROVED

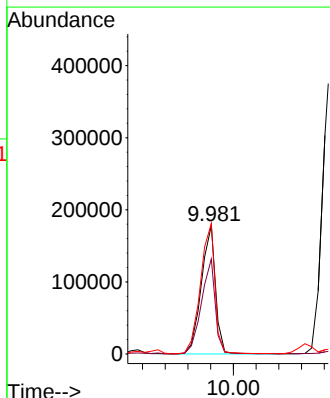
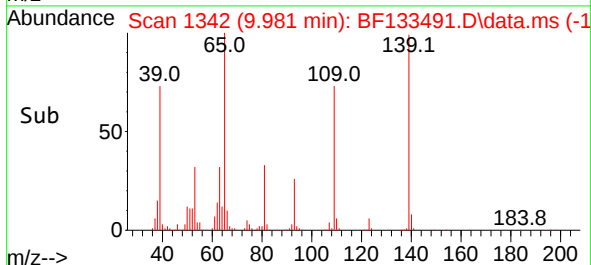
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

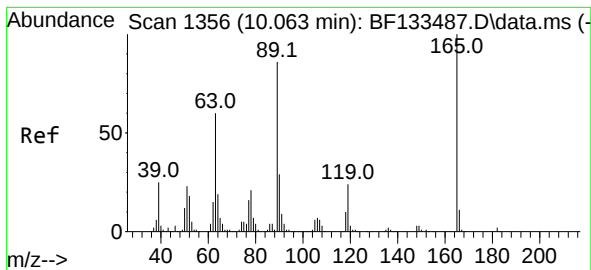


#56
4-Nitrophenol
Concen: 47.170 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.001 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



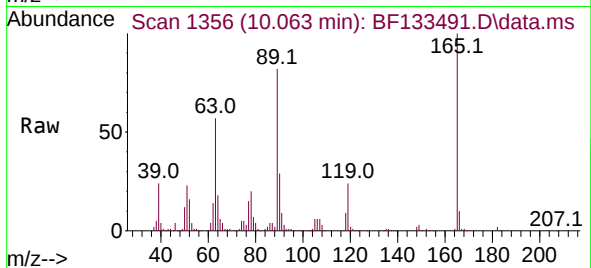
Tgt Ion:139 Resp: 155065
Ion Ratio Lower Upper
139 100
109 74.0 54.5 94.5
65 101.7 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 46.027 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

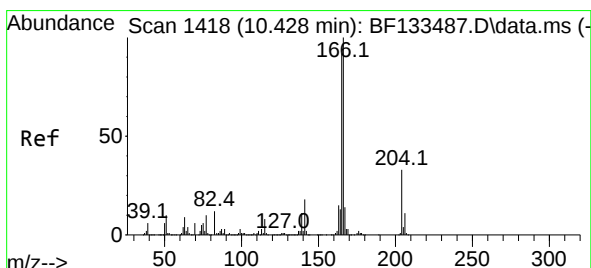
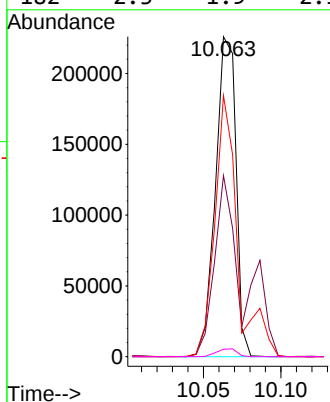
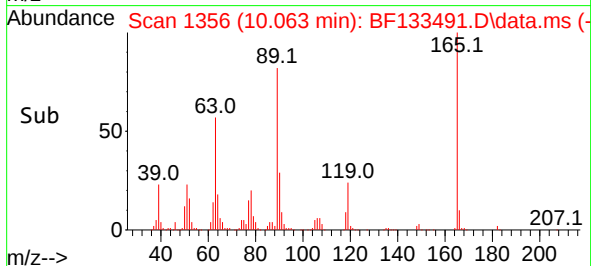
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



Tgt Ion:165 Resp: 207715
Ion Ratio Lower Upper
165 100
63 56.6 48.1 72.1
89 81.6 68.4 102.6
182 2.3 1.9 2.9

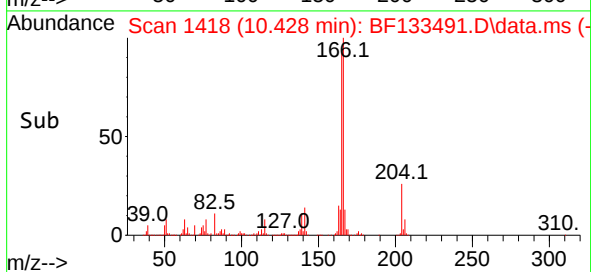
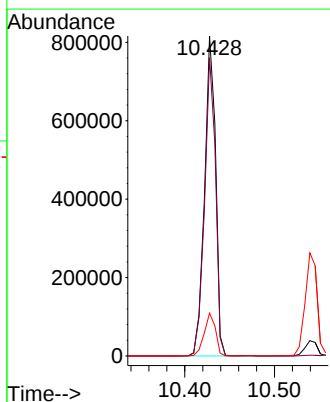
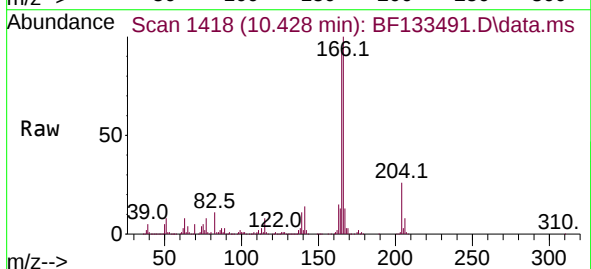
Manual Integrations
APPROVED

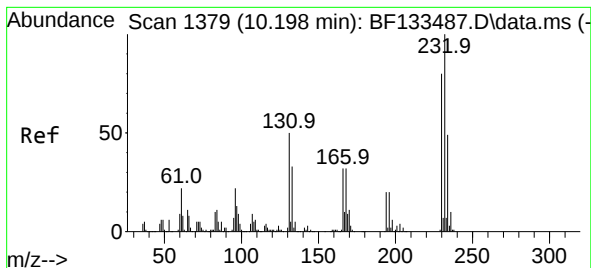
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#58
Fluorene
Concen: 38.385 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Tgt Ion:166 Resp: 696234
Ion Ratio Lower Upper
166 100
165 93.2 73.4 110.0
167 13.4 10.9 16.3





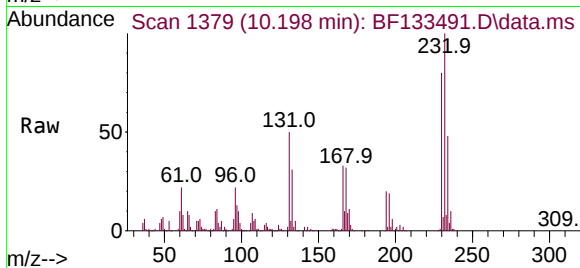
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.362 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

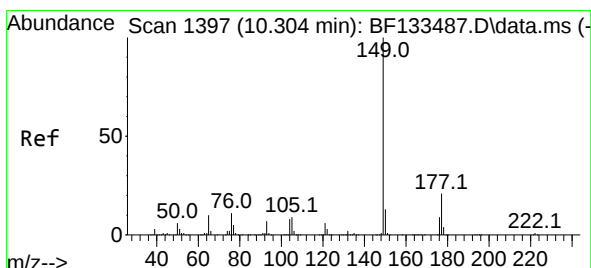
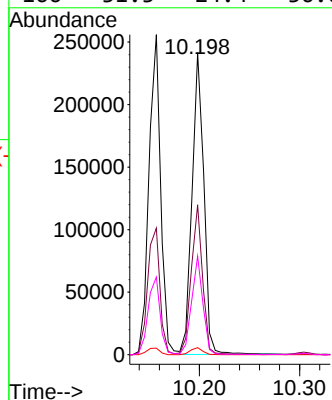
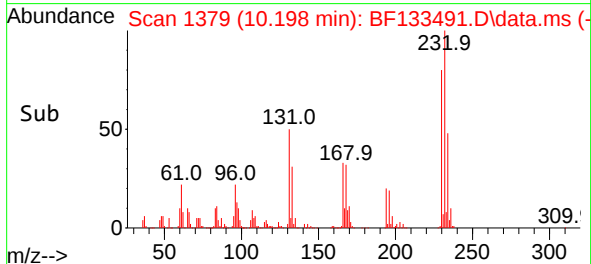


Tgt Ion:232 Resp: 196528
Ion Ratio Lower Upper
232 100
131 47.6 37.9 56.9
130 2.4 1.8 2.6
166 31.3 24.4 36.6

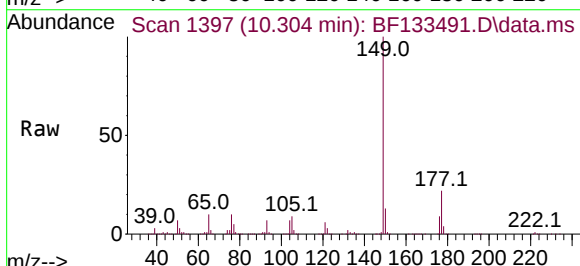
Manual Integrations

APPROVED

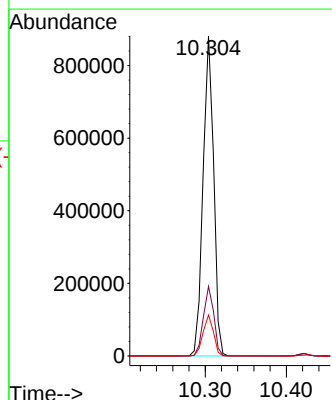
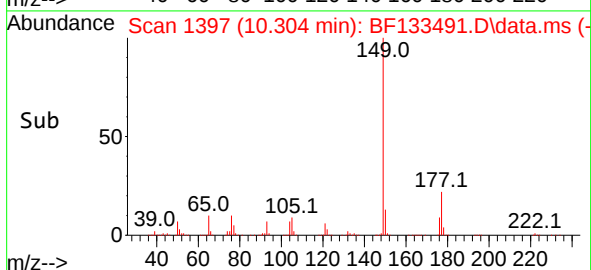
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

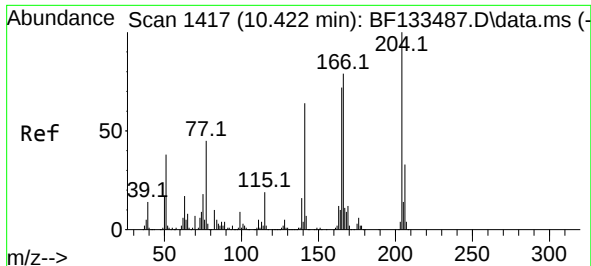


#60
Diethylphthalate
Concen: 40.084 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



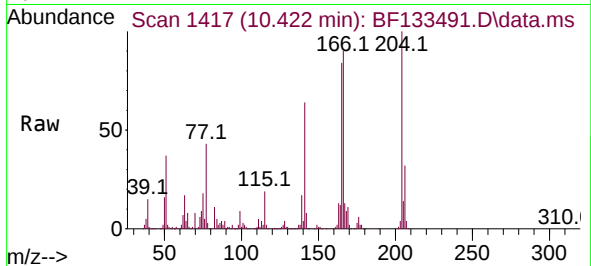
Tgt Ion:149 Resp: 799517
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.612 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

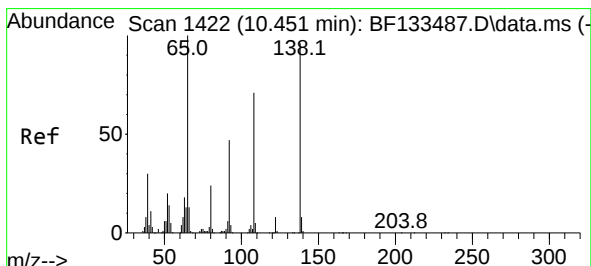
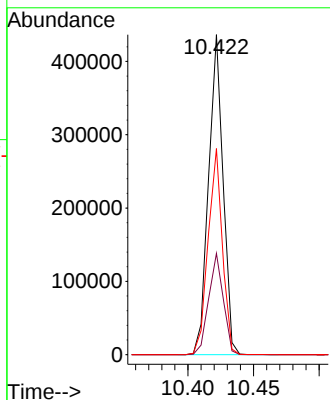
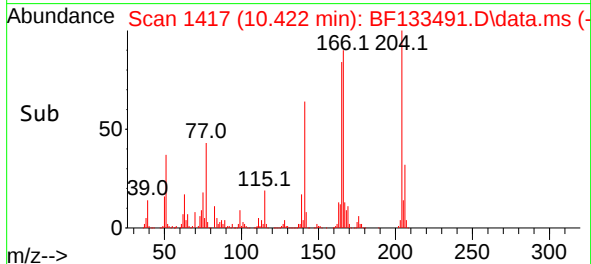
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



Tgt Ion:204 Resp: 336270
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.2
141 64.4 51.4 77.2

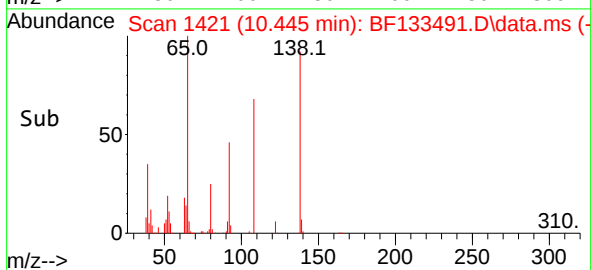
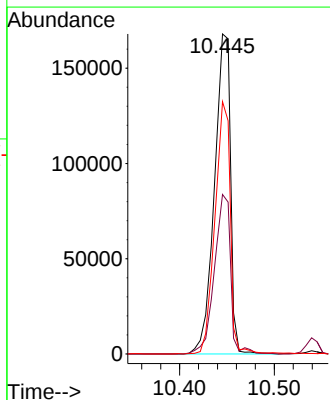
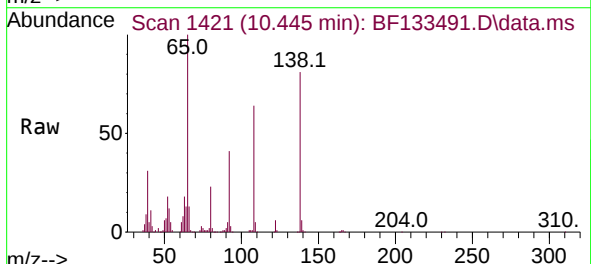
Manual Integrations
APPROVED

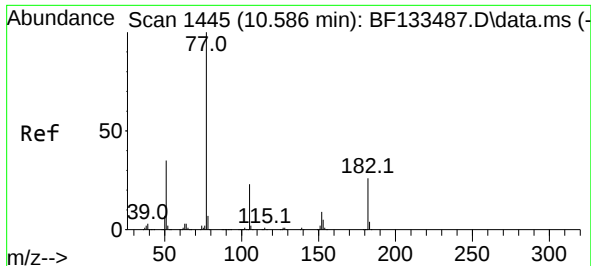
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#62
4-Nitroaniline
Concen: 43.235 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

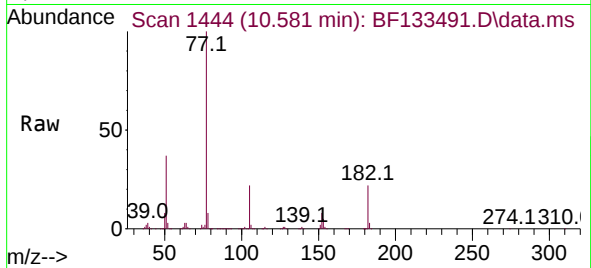
Tgt Ion:138 Resp: 198074
Ion Ratio Lower Upper
138 100
92 49.9 28.4 68.4
108 78.9 54.2 94.2





#63
Azobenzene
Concen: 39.517 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.005 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

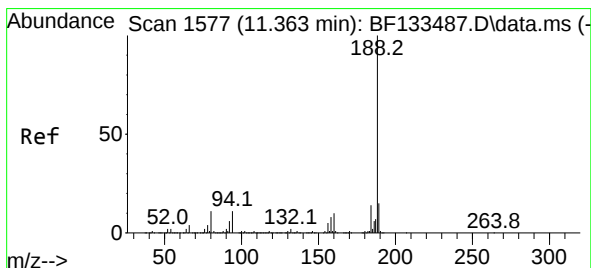
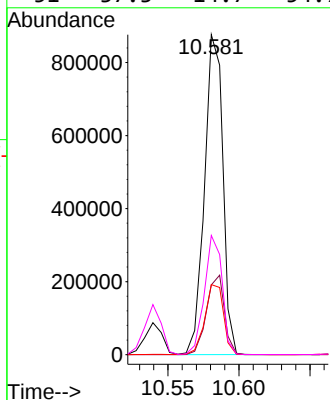
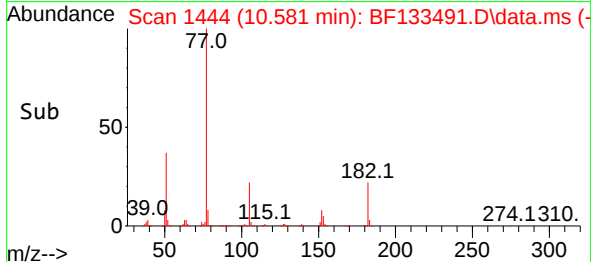
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



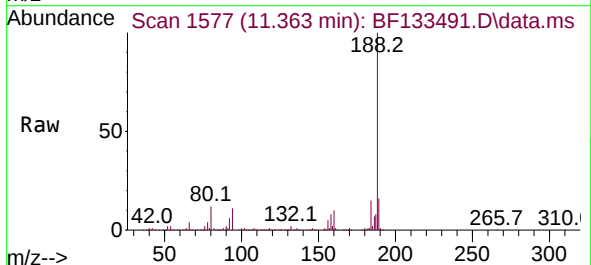
Tgt Ion: 77 Resp: 789000
Ion Ratio Lower Upper
77 100
182 21.8 5.6 45.6
105 21.9 2.6 42.6
51 37.3 14.7 54.7

Manual Integrations
APPROVED

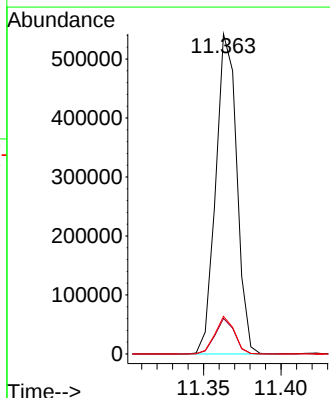
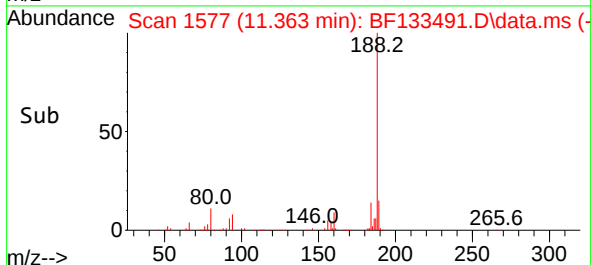
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

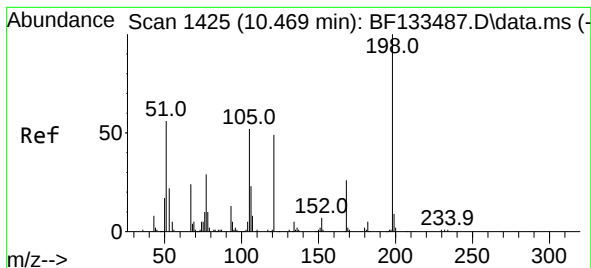


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion:188 Resp: 512700
Ion Ratio Lower Upper
188 100
94 11.1 8.6 12.8
80 11.7 9.2 13.8





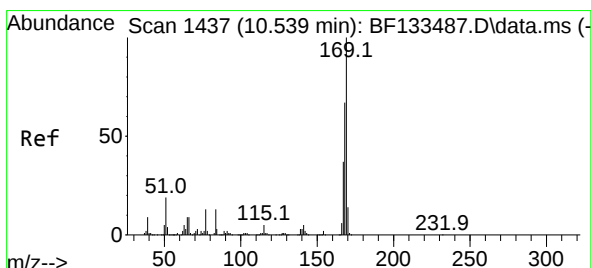
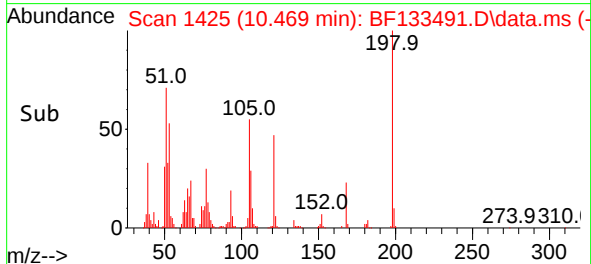
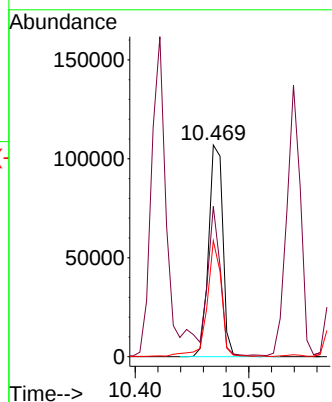
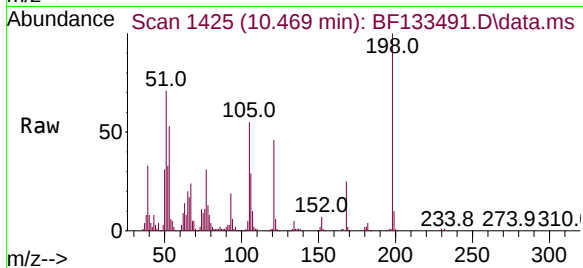
#65
4,6-Dinitro-2-methylphenol
Concen: 44.865 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :
BNA_F
ClientSampleId :
ICVBF052523

Tgt Ion:198 Resp: 92608
Ion Ratio Lower Upper
198 100
51 71.0 53.6 93.6
105 54.7 35.9 75.9

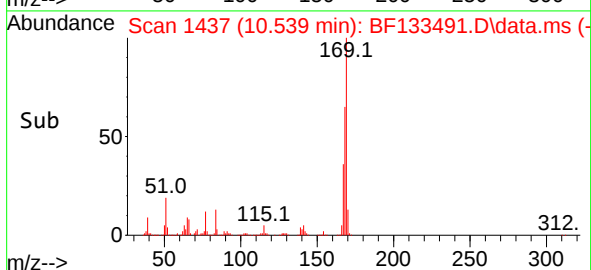
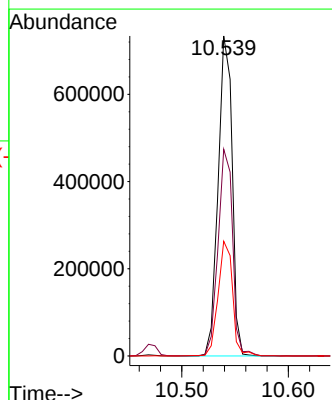
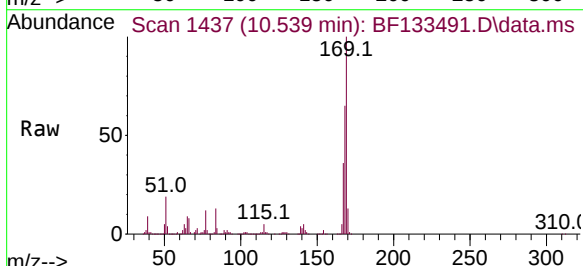
Manual Integrations
APPROVED

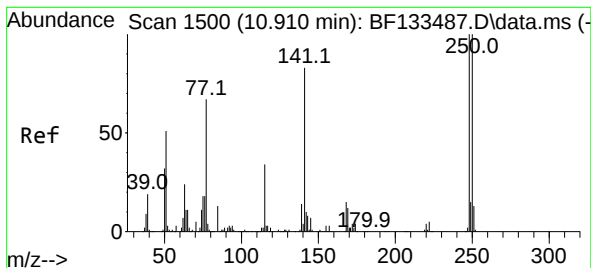
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#66
n-Nitrosodiphenylamine
Concen: 40.074 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Tgt Ion:169 Resp: 667024
Ion Ratio Lower Upper
169 100
168 64.6 53.7 80.5
167 35.8 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 40.343 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

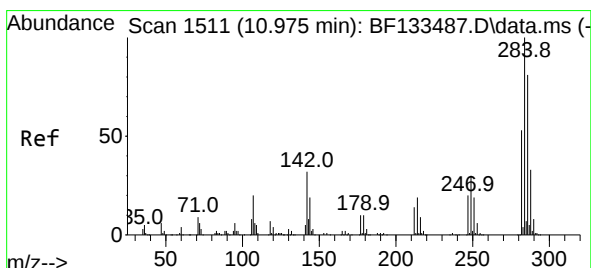
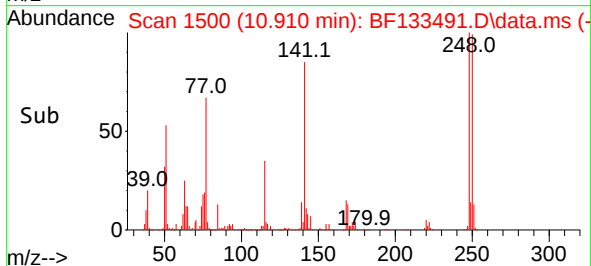
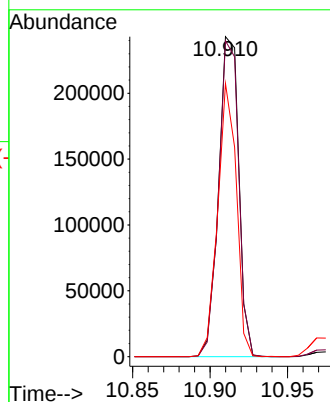
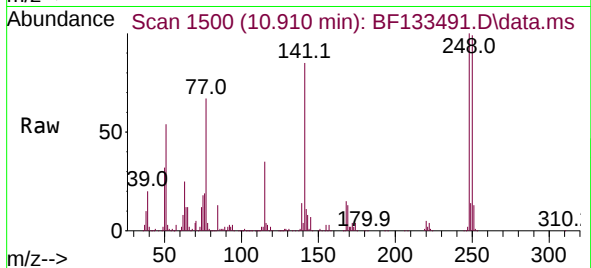
ICVBF052523

Tgt Ion:248 Resp: 21966
Ion Ratio Lower Upper
248 100
250 98.7 79.7 119.5
141 85.4 66.6 100.0

Manual Integrations

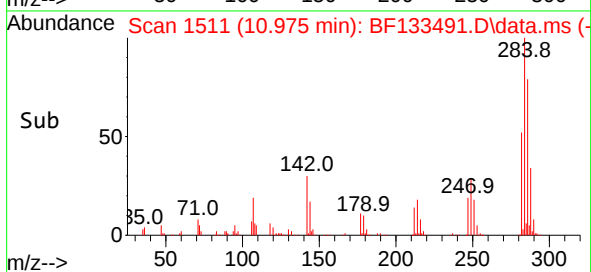
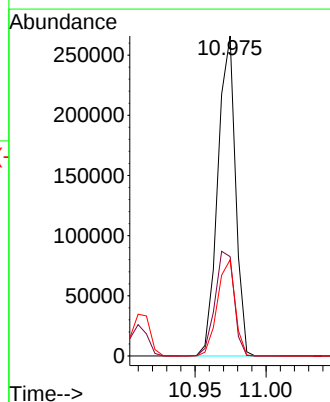
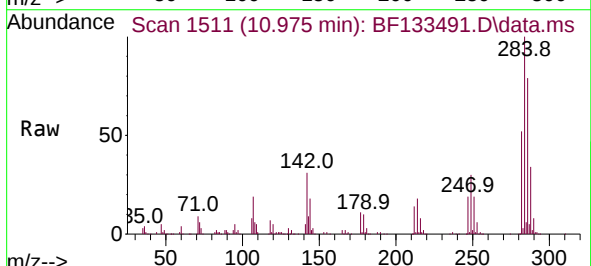
APPROVED

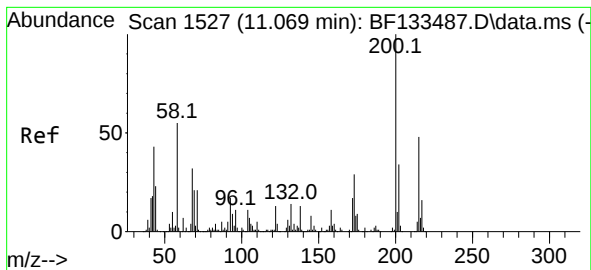
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#68
Hexachlorobenzene
Concen: 40.313 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Tgt Ion:284 Resp: 229535
Ion Ratio Lower Upper
284 100
142 31.1 25.8 38.6
249 30.1 24.4 36.6





#69

Atrazine

Concen: 41.438 ng

RT: 11.069 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF133491.D

Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

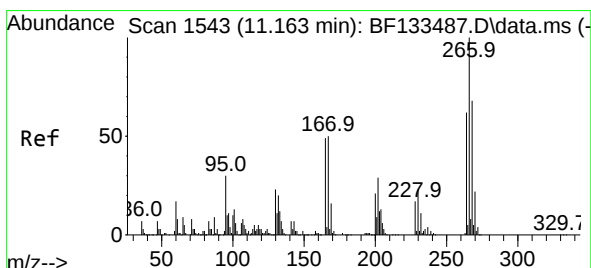
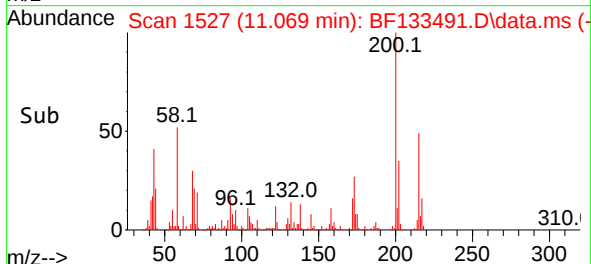
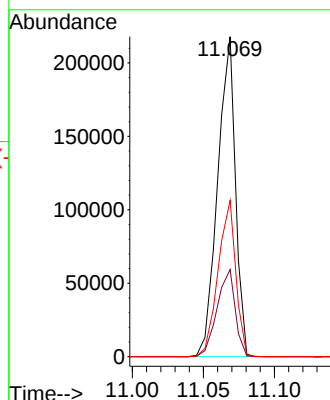
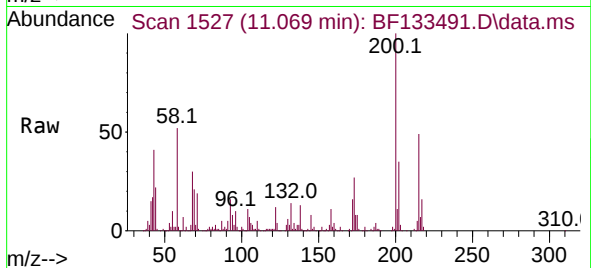
ICVBF052523

Tgt Ion:200 Resp: 189245
 Ion Ratio Lower Upper
 200 100
 173 27.2 9.0 49.0
 215 48.8 27.6 67.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#70

Pentachlorophenol

Concen: 46.711 ng

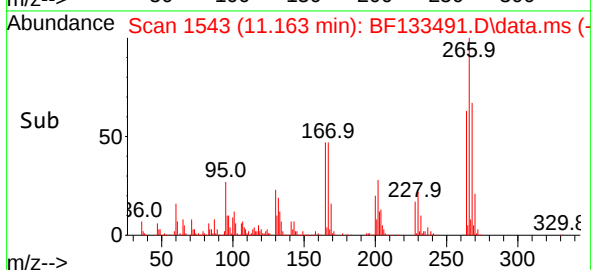
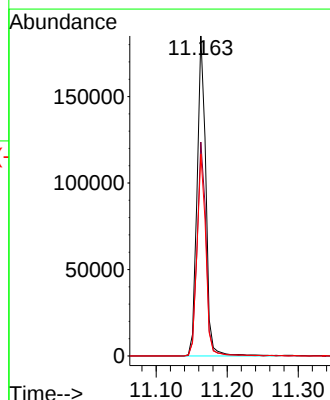
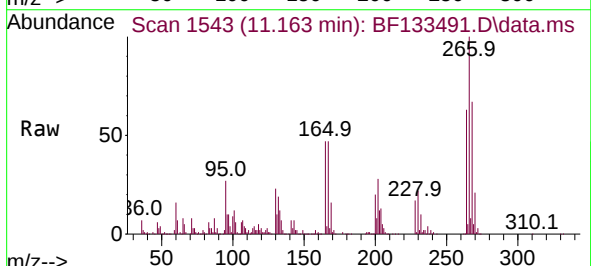
RT: 11.163 min Scan# 1543

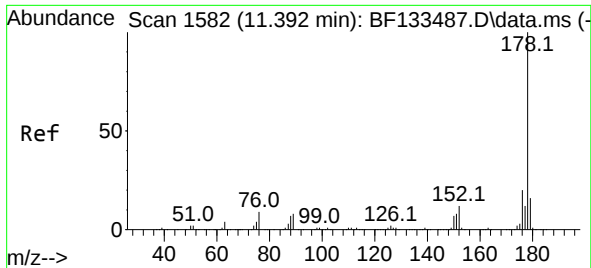
Delta R.T. 0.000 min

Lab File: BF133491.D

Acq: 25 May 2023 15:10

Tgt Ion:266 Resp: 159033
 Ion Ratio Lower Upper
 266 100
 268 66.8 54.6 82.0
 264 63.1 49.2 73.8





#71
Phenanthrene
Concen: 39.612 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

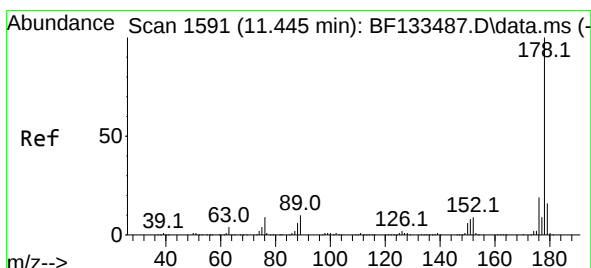
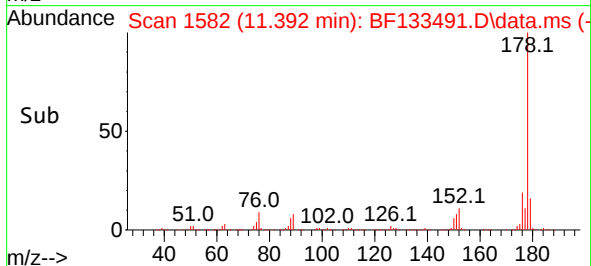
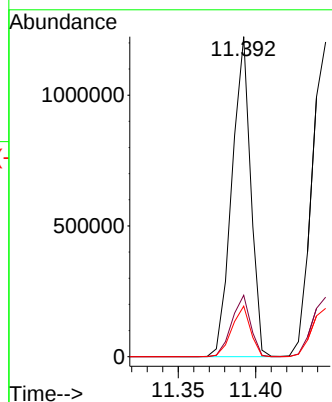
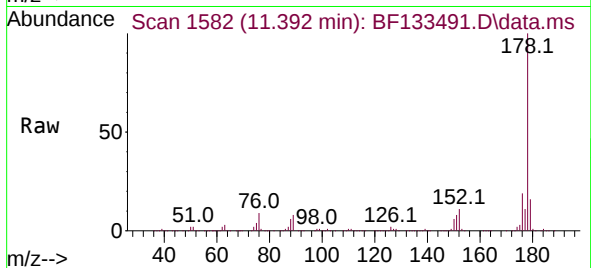
ICVBF052523

Tgt Ion:178 Resp: 102864
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.8 12.4 18.6

Manual Integrations

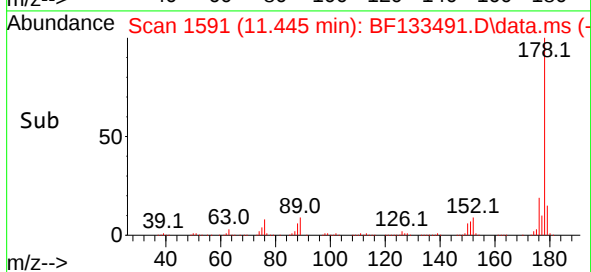
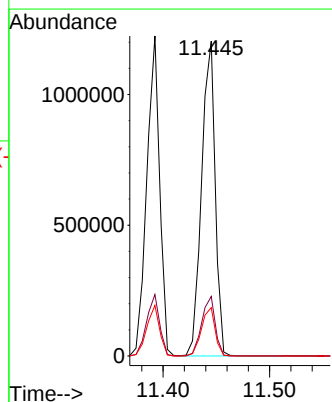
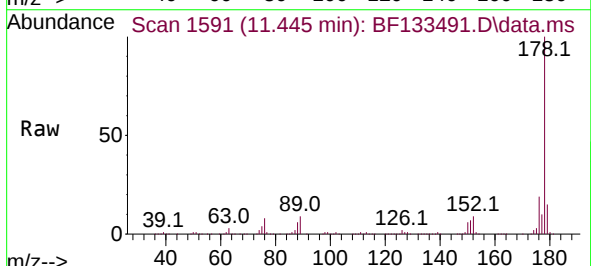
APPROVED

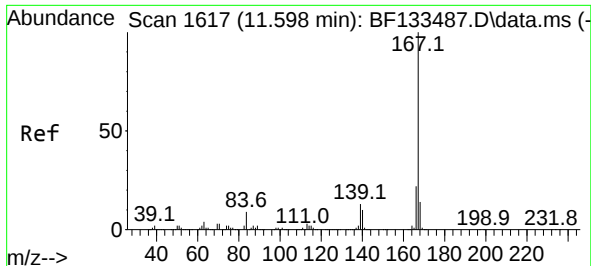
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#72
Anthracene
Concen: 40.087 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

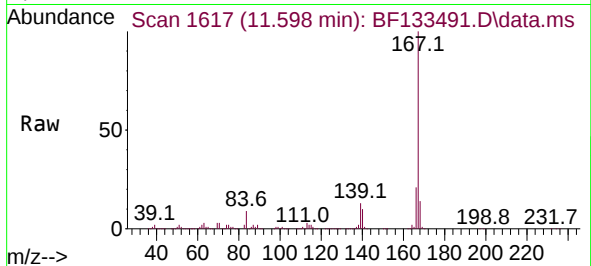
Tgt Ion:178 Resp: 1071365
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.6 18.8





#73
 Carbazole
 Concen: 40.223 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF133491.D
 Acq: 25 May 2023 15:10

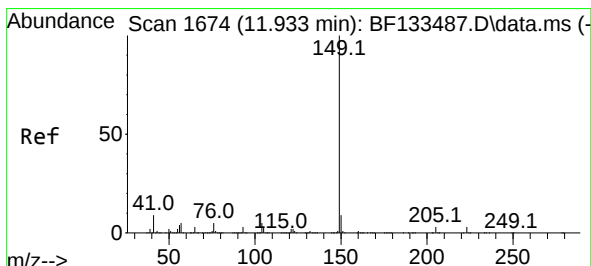
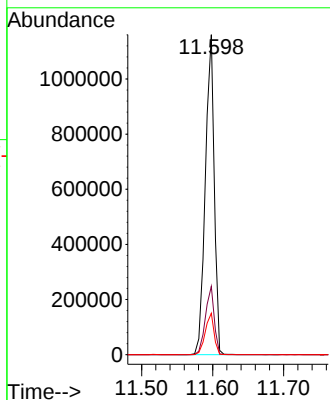
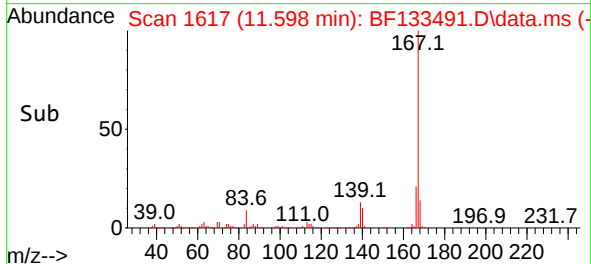
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052523



Tgt Ion:167 Resp: 1016640
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.9 10.7 16.1

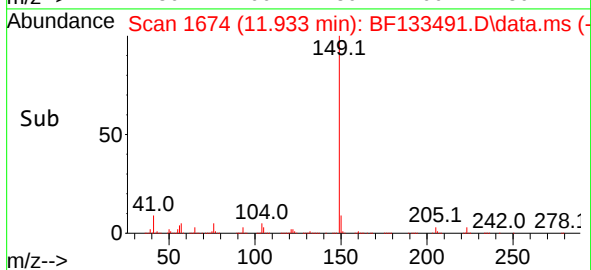
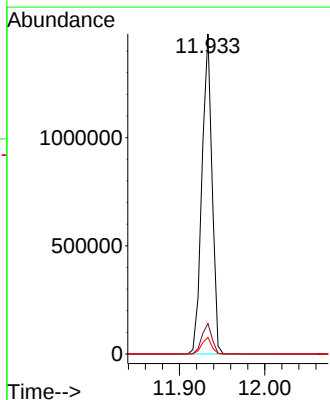
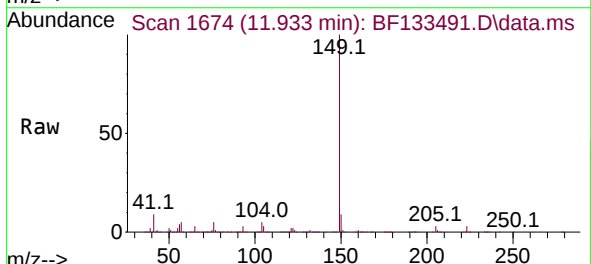
Manual Integrations
 APPROVED

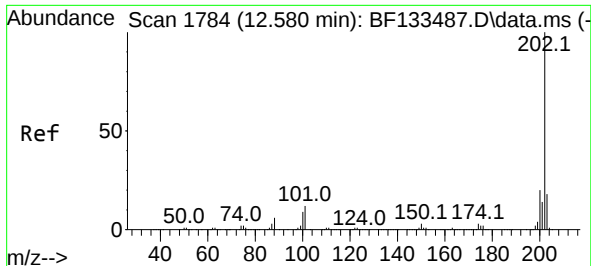
Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#74
 Di-n-butylphthalate
 Concen: 40.615 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF133491.D
 Acq: 25 May 2023 15:10

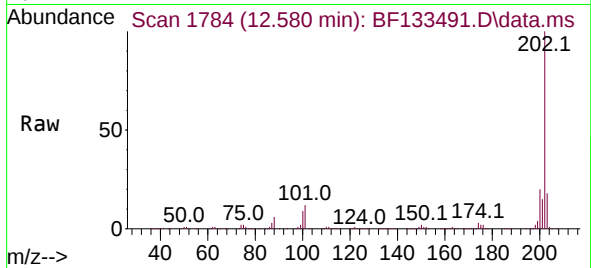
Tgt Ion:149 Resp: 1213854
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.2 3.9 5.9





#75
Fluoranthene
Concen: 40.197 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

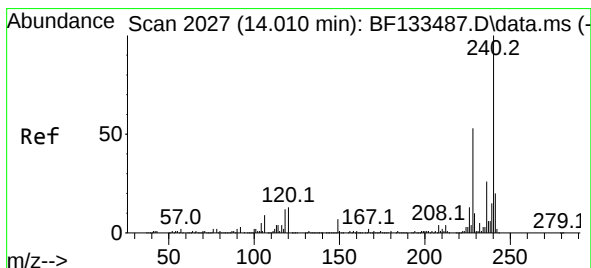
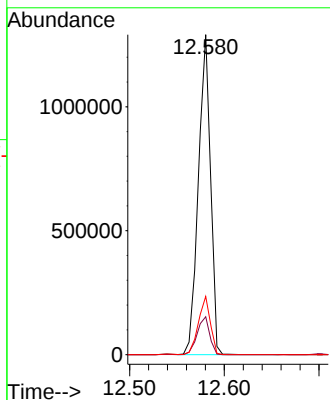
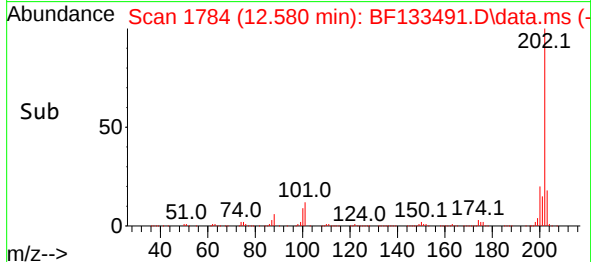
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



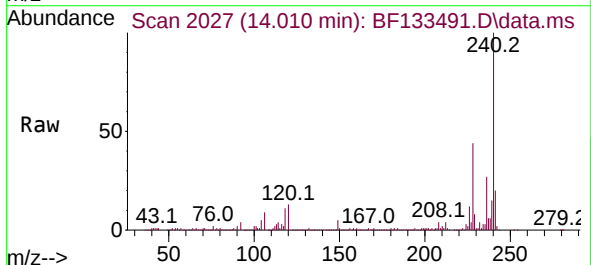
Tgt Ion:202 Resp: 1152998
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.2
203 18.2 0.0 37.8

Manual Integrations
APPROVED

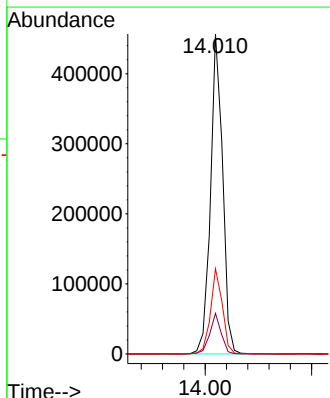
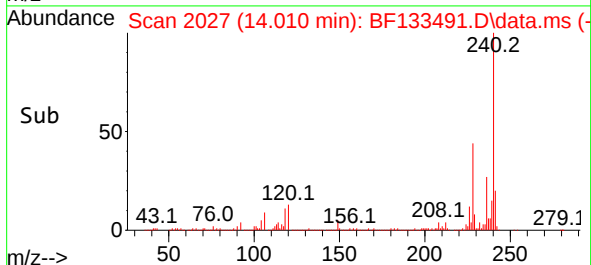
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

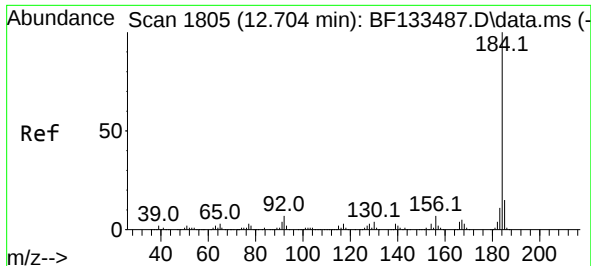


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



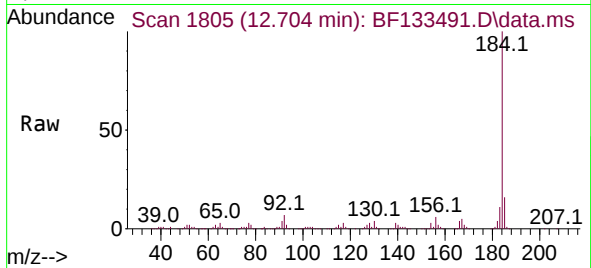
Tgt Ion:240 Resp: 359856
Ion Ratio Lower Upper
240 100
120 12.7 10.3 15.5
236 26.6 20.5 30.7





#77
Benzidine
Concen: 33.117 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

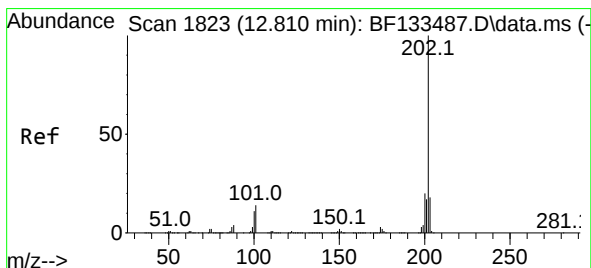
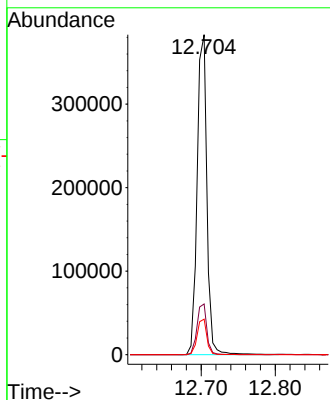
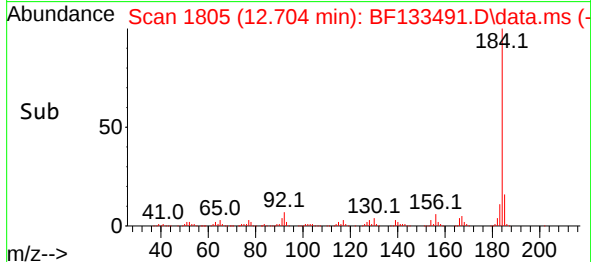
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



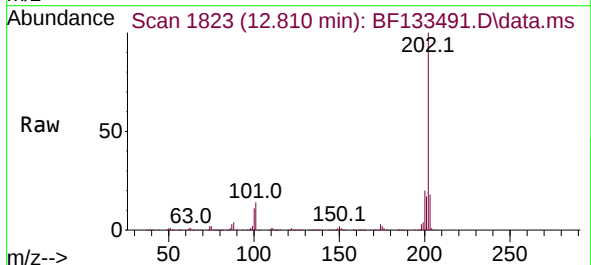
Tgt Ion:184 Resp: 348558
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 11.1 8.7 13.1

Manual Integrations
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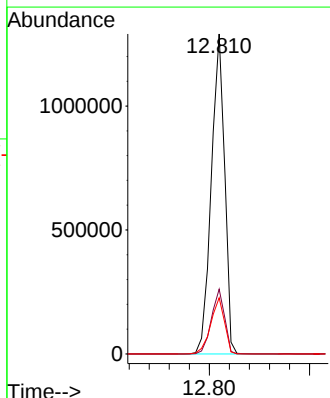
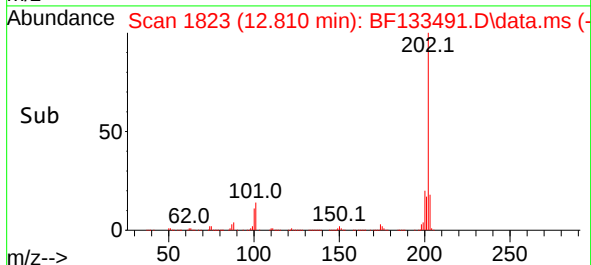
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

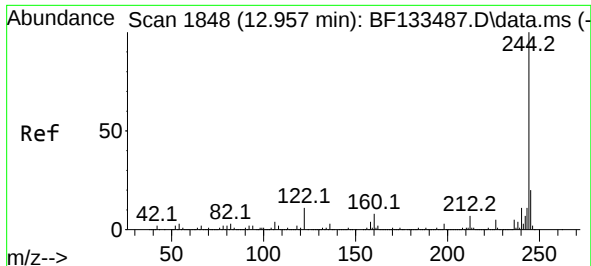


#78
Pyrene
Concen: 38.874 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion:202 Resp: 1190414
Ion Ratio Lower Upper
202 100
200 20.2 16.3 24.5
203 17.6 14.3 21.5





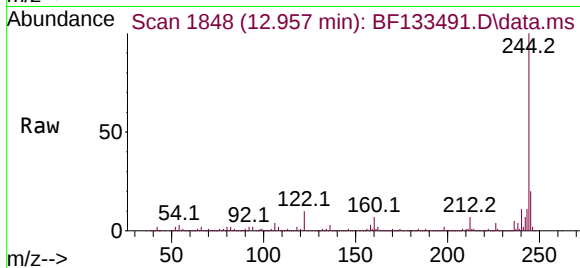
#79
 Terphenyl-d14
 Concen: 75.537 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133491.D
 Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

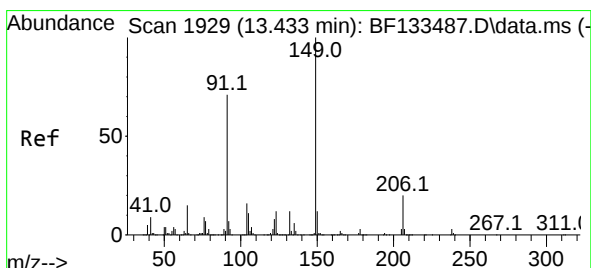
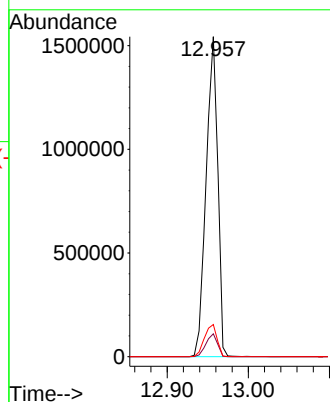
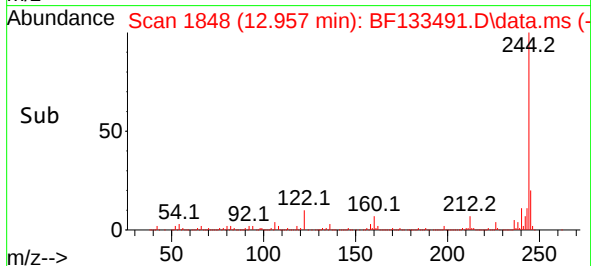


Tgt Ion:244 Resp: 152884
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.0 8.5 12.7

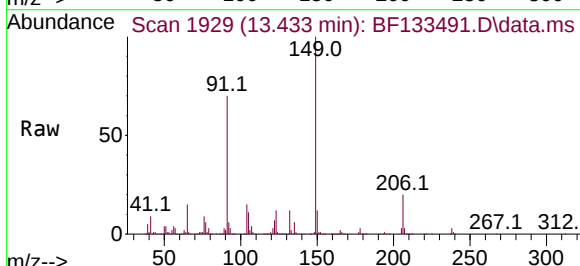
Manual Integrations

APPROVED

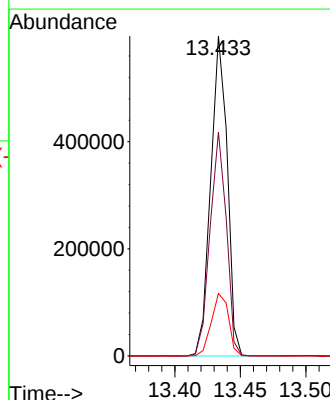
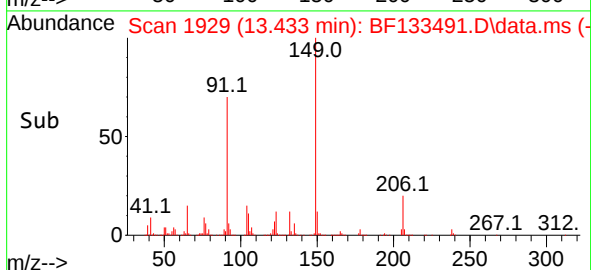
Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023

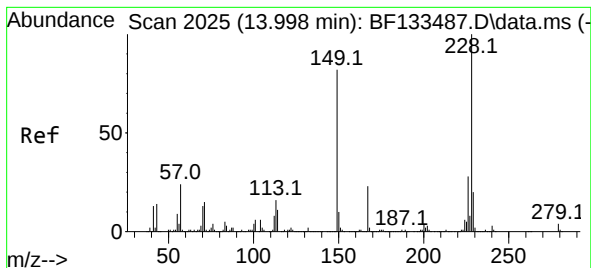


#80
 Butylbenzylphthalate
 Concen: 43.289 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF133491.D
 Acq: 25 May 2023 15:10



Tgt Ion:149 Resp: 524480
 Ion Ratio Lower Upper
 149 100
 91 70.0 56.9 85.3
 206 19.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.551 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF133491.D

Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

Tgt Ion:228 Resp: 948125

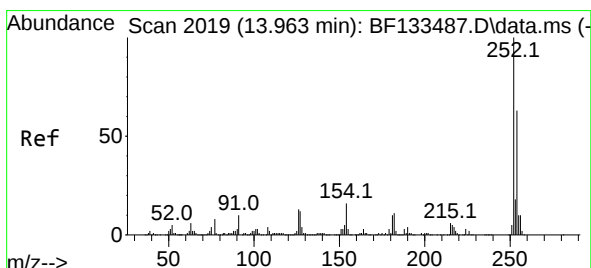
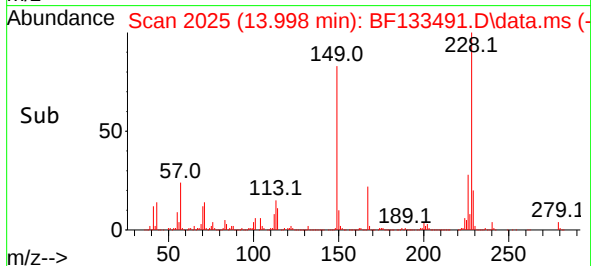
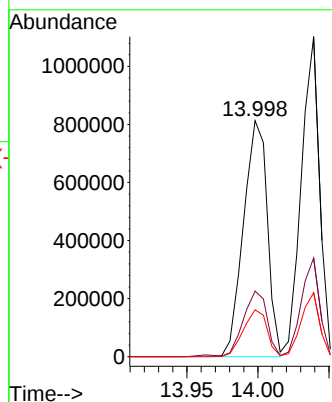
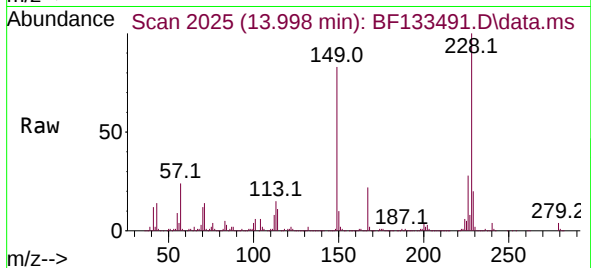
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	19.9	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.961 ng

RT: 13.963 min Scan# 2019

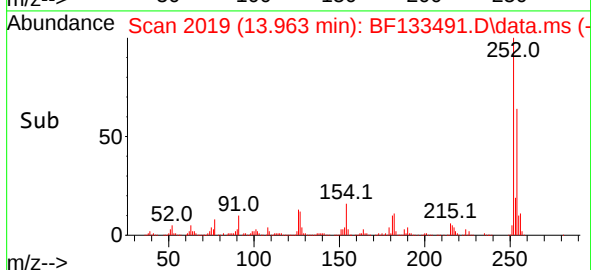
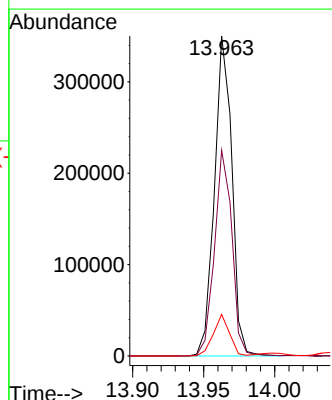
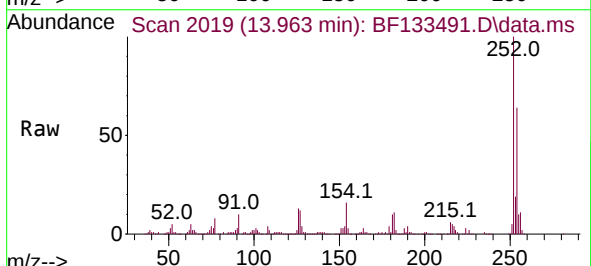
Delta R.T. 0.000 min

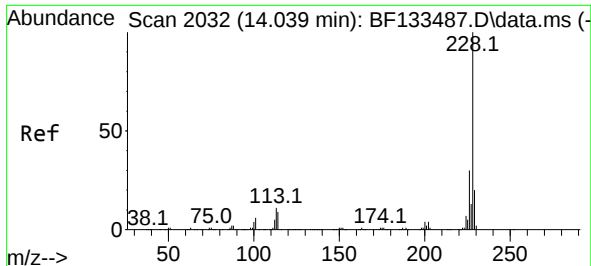
Lab File: BF133491.D

Acq: 25 May 2023 15:10

Tgt Ion:252 Resp: 299462

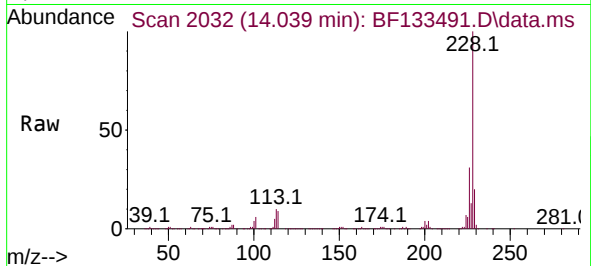
Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.3	75.5
126	13.0	10.5	15.7





#83
Chrysene
Concen: 40.668 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

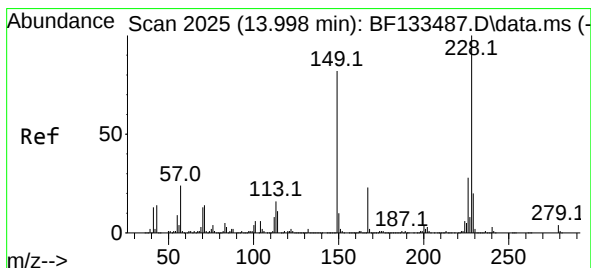
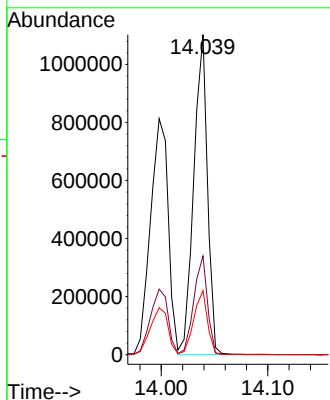
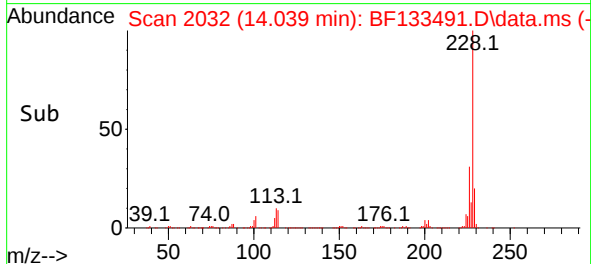
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



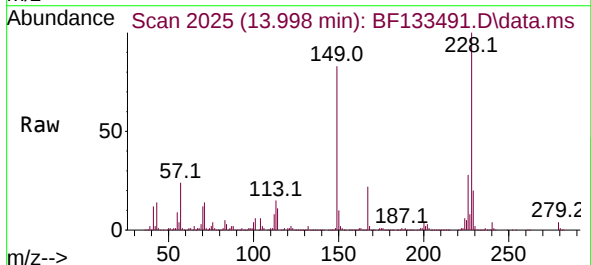
Tgt Ion:228 Resp: 984182
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 20.0 15.8 23.8

Manual Integrations
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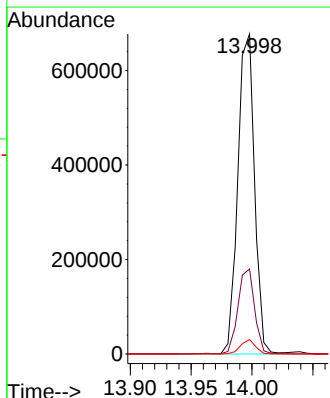
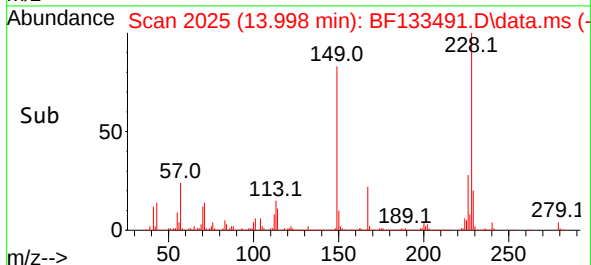
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

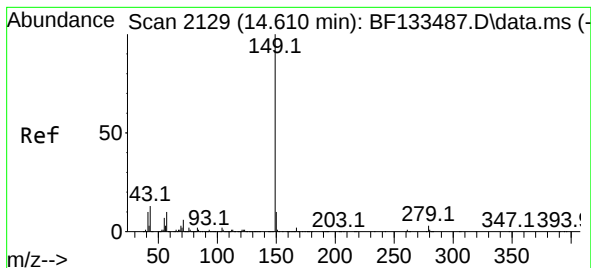


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.740 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



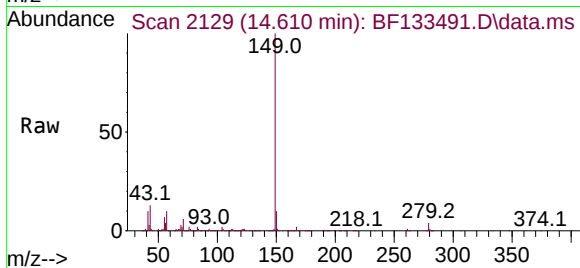
Tgt Ion:149 Resp: 647284
Ion Ratio Lower Upper
149 100
167 26.5 22.0 33.0
279 4.5 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 48.450 ng
RT: 14.610 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

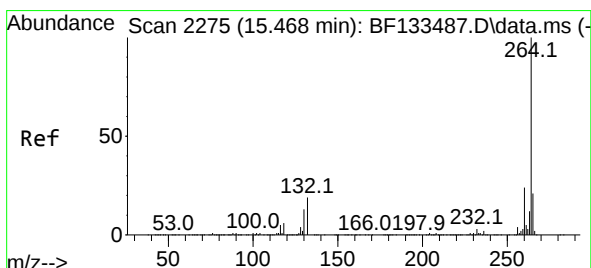
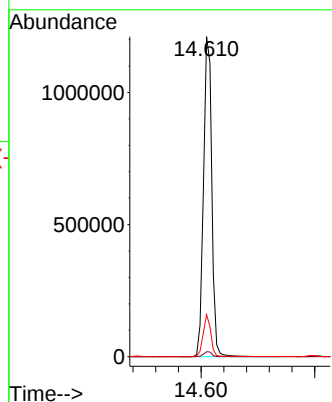
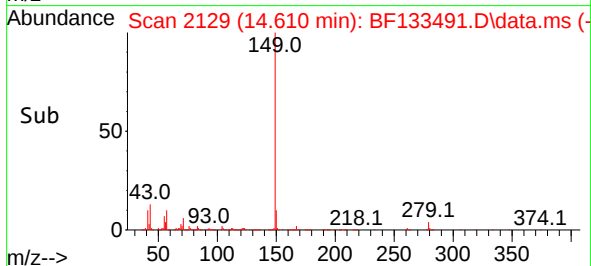
Instrument :
BNA_F
Client Sample Id :
ICVBF052523



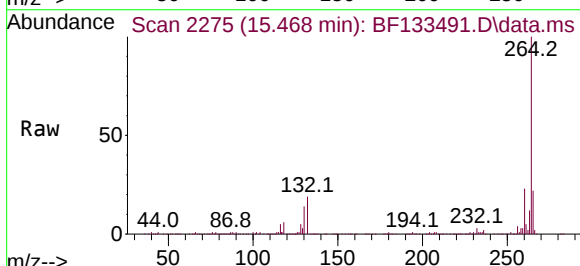
Tgt Ion: 149 Resp: 122232
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.1 10.0 15.0

Manual Integrations
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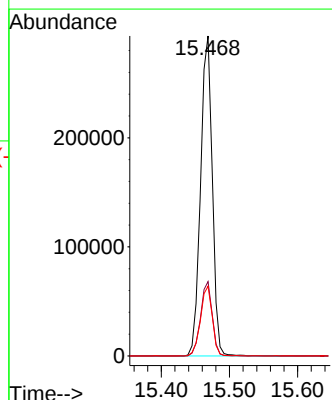
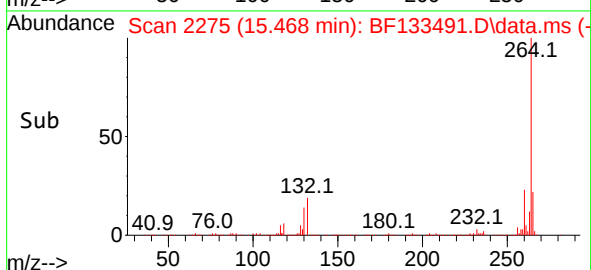
Reviewed By : Christian Giraldo 05/26/2023
Supervised By : Jagrut Upadhyay 05/26/2023

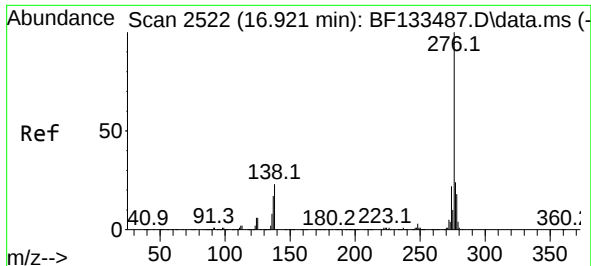


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion: 264 Resp: 351590
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 21.8 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.188 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

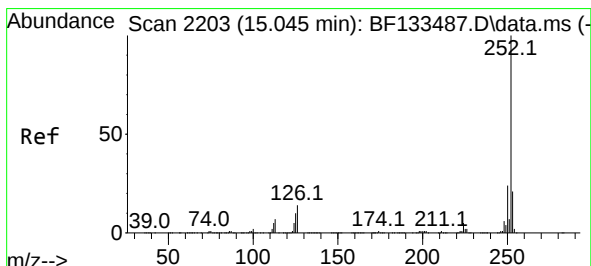
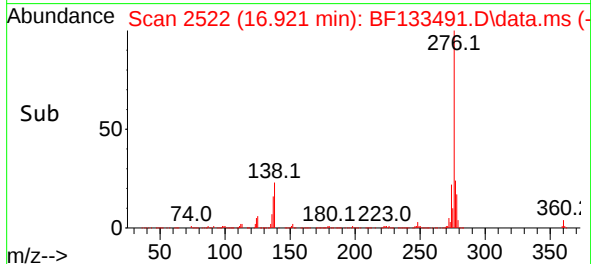
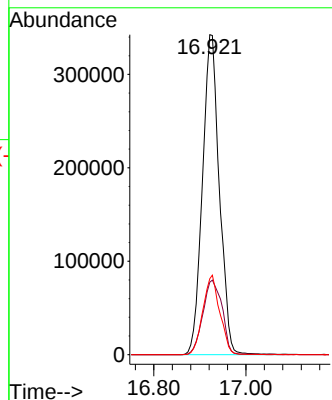
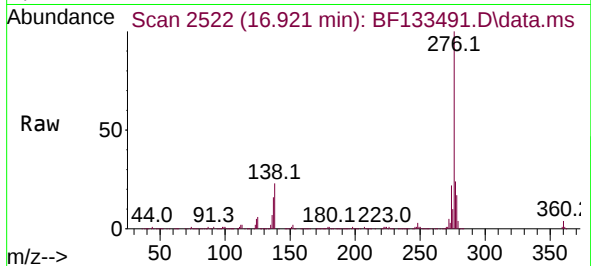
ClientSampleId :

ICVBF052523

Tgt Ion:276 Resp: 877639
Ion Ratio Lower Upper
276 100
138 26.5 21.4 32.2
277 24.9 20.0 30.0

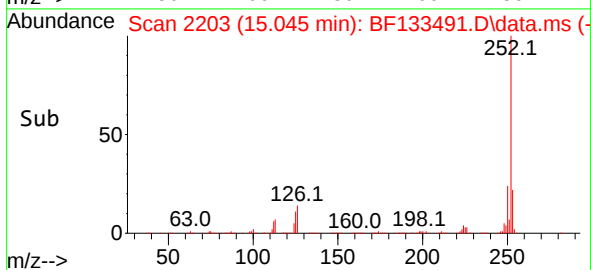
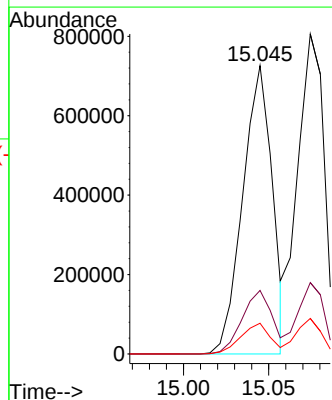
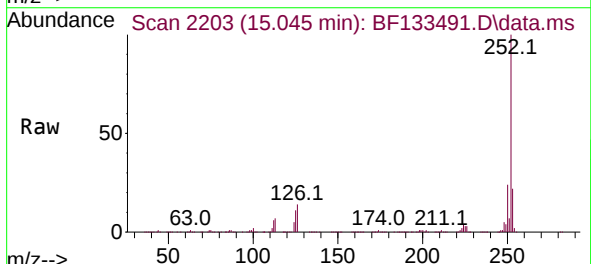
Manual Integrations
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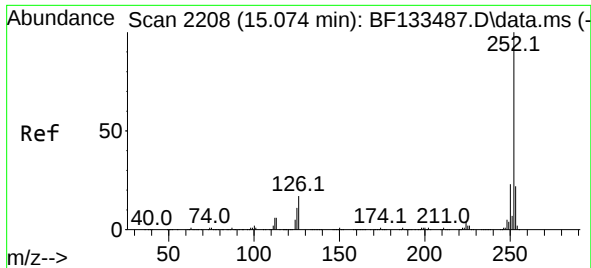
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#88
Benzo(b)fluoranthene
Concen: 38.329 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

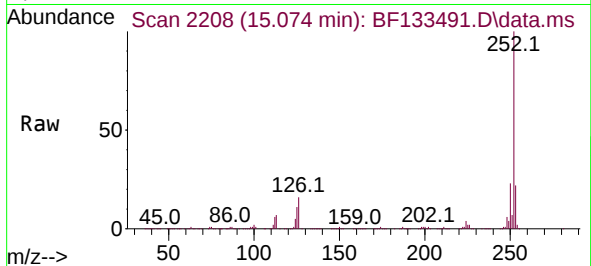
Tgt Ion:252 Resp: 877517
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.6 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 39.420 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

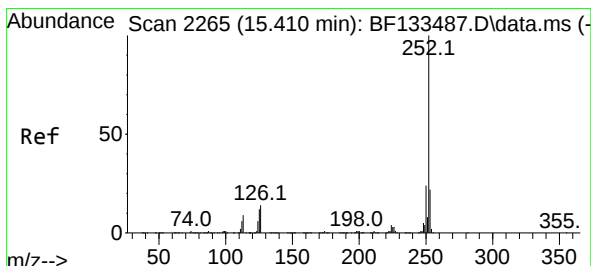
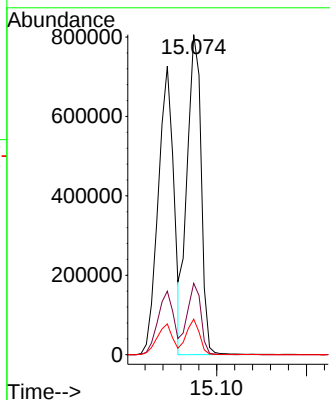
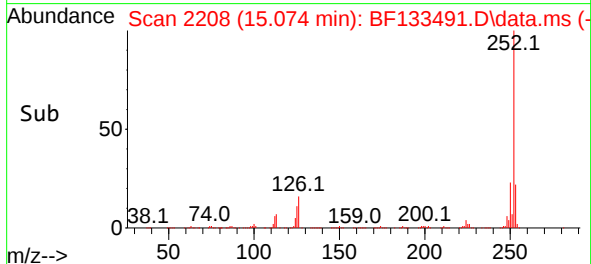
Instrument :
BNA_F
ClientSampleId :
ICVBF052523



Tgt Ion:252 Resp: 879990
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.1 8.3 12.5

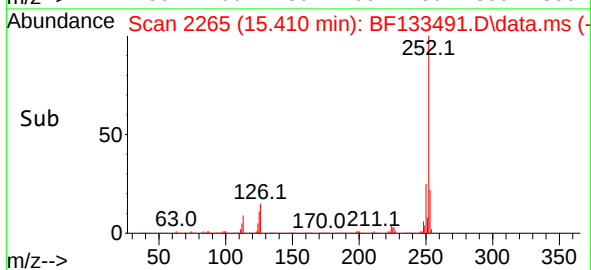
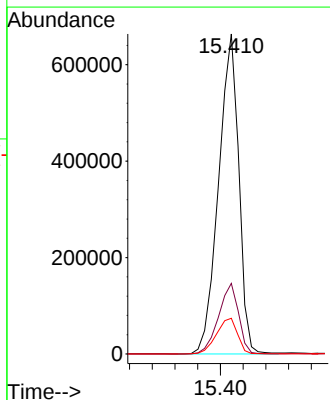
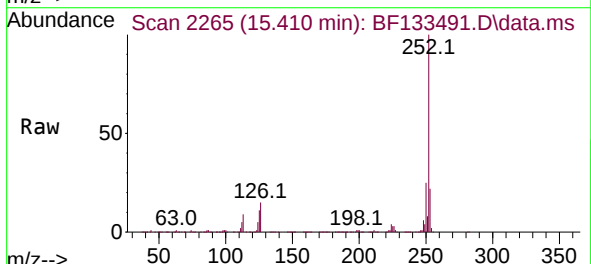
Manual Integrations
APPROVED

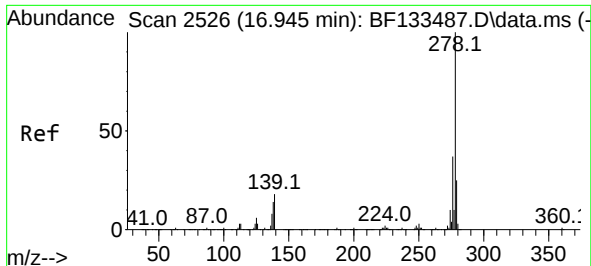
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#90
Benzo(a)pyrene
Concen: 39.352 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Tgt Ion:252 Resp: 819812
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.2 9.4 14.0





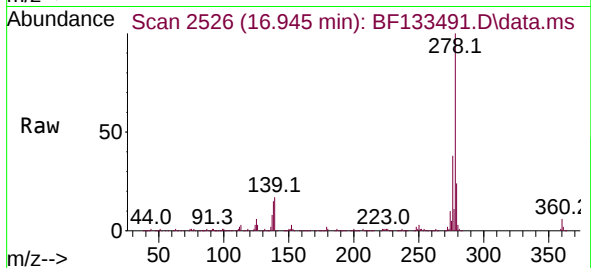
#91
Dibenzo(a,h)anthracene
Concen: 39.562 ng
RT: 16.945 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF052523

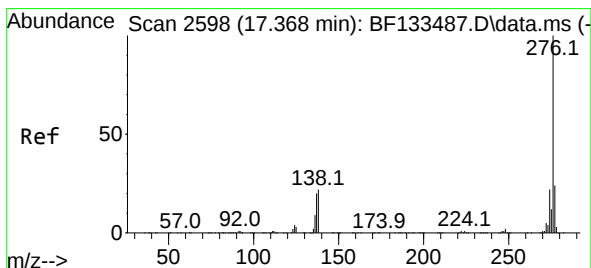
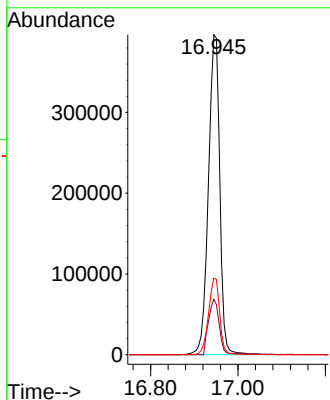
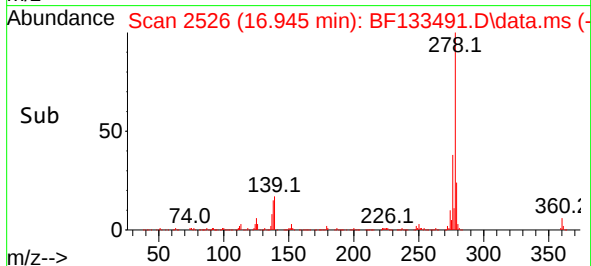


Tgt Ion:278 Resp: 718372
Ion Ratio Lower Upper
278 100
139 17.3 14.1 21.1
279 24.0 19.7 29.5

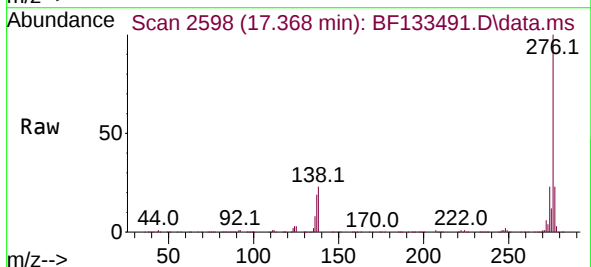
Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#92
Benzo(g,h,i)perylene
Concen: 38.581 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BF133491.D
Acq: 25 May 2023 15:10



Tgt Ion:276 Resp: 706384
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 23.2 17.8 26.6

