

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132345.D
 Acq On : 07 Feb 2023 15:28
 Operator : CG\JU
 Sample : 01442-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB02MSD

Quant Time: Feb 08 03:58:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	161148	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	622436	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	323438	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	621496	20.000	ng	0.00
76) Chrysene-d12	14.260	240	354250	20.000	ng	0.00
86) Perylene-d12	15.836	264	357566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1089086	108.633	ng	0.02
7) Phenol-d6	6.678	99	1326263	107.304	ng	0.00
23) Nitrobenzene-d5	7.619	82	786625	70.326	ng	0.00
42) 2,4,6-Tribromophenol	10.901	330	466363	140.213	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1477539	70.545	ng	0.00
79) Terphenyl-d14	13.189	244	1657419	90.505	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	183635	38.928	ng	# 88
3) Pyridine	3.778	79	451365	35.270	ng	94
4) n-Nitrosodimethylamine	3.731	42	154256	37.670	ng	92
6) Aniline	6.713	93	448406	26.735	ng	95
8) 2-Chlorophenol	6.837	128	507118	48.839	ng	95
9) Benzaldehyde	6.601	77	272432	39.113	ng	98
10) Phenol	6.690	94	560890	43.843	ng	97
11) bis(2-Chloroethyl)ether	6.778	93	465764	44.238	ng	96
12) 1,3-Dichlorobenzene	6.995	146	530532	48.309	ng	97
13) 1,4-Dichlorobenzene	7.072	146	532582	48.584	ng	99
14) 1,2-Dichlorobenzene	7.225	146	508695	49.759	ng	97
15) Benzyl Alcohol	7.195	79	383254	42.496	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.325	45	429042	38.677	ng	93
17) 2-Methylphenol	7.295	107	388838	42.780	ng	99
18) Hexachloroethane	7.566	117	199993	48.632	ng	98
19) n-Nitroso-di-n-propyla...	7.460	70	273020	38.888	ng	97
20) 3+4-Methylphenols	7.448	107	497791	42.910	ng	92
22) Acetophenone	7.460	105	625349	42.721	ng	97
24) Nitrobenzene	7.637	77	450891	39.458	ng	94
25) Isophorone	7.872	82	857973	40.413	ng	98
26) 2-Nitrophenol	7.948	139	270620	48.619	ng	95
27) 2,4-Dimethylphenol	7.978	122	423571	43.476	ng	100
28) bis(2-Chloroethoxy)met...	8.078	93	563655	43.204	ng	99
29) 2,4-Dichlorophenol	8.190	162	409113	47.298	ng	98
30) 1,2,4-Trichlorobenzene	8.278	180	442149	47.735	ng	99
31) Naphthalene	8.360	128	1340551	43.754	ng	99
32) Benzoic acid	8.119	122	366347	50.800	ng	92
33) 4-Chloroaniline	8.407	127	46391	3.415	ng	97
34) Hexachlorobutadiene	8.472	225	256945	49.344	ng	99
35) Caprolactam	8.789	113	103844	35.216	ng	# 82
36) 4-Chloro-3-methylphenol	8.878	107	433129	46.480	ng	97
37) 2-Methylnaphthalene	9.054	142	913202	44.003	ng	100
38) 1-Methylnaphthalene	9.154	142	844094	43.767	ng	99
40) 1,2,4,5-Tetrachloroben...	9.219	216	429098	47.144	ng	99
41) Hexachlorocyclopentadiene	9.207	237	521283	98.164	ng	99
43) 2,4,6-Trichlorophenol	9.331	196	307096	47.200	ng	97

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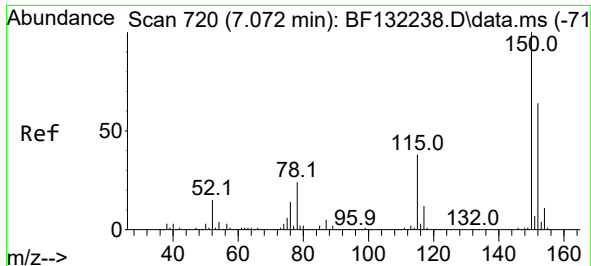
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	336798	44.974	ng	98
46) 1,1'-Biphenyl	9.519	154	1128025	45.238	ng	98
47) 2-Chloronaphthalene	9.548	162	861249	45.348	ng	100
48) 2-Nitroaniline	9.636	65	216813	38.386	ng	87
49) Acenaphthylene	9.966	152	1376002	44.393	ng	99
50) Dimethylphthalate	9.819	163	1048226	46.331	ng	99
51) 2,6-Dinitrotoluene	9.878	165	243113	48.113	ng	91
52) Acenaphthene	10.136	154	985936	50.807	ng	98
53) 3-Nitroaniline	10.048	138	116095	18.946	ng	95
54) 2,4-Dinitrophenol	10.160	184	295082	99.622	ng	# 88
55) Dibenzofuran	10.313	168	1215235	44.571	ng	100
56) 4-Nitrophenol	10.207	139	427830	92.782	ng	94
57) 2,4-Dinitrotoluene	10.289	165	329304	50.170	ng	# 85
58) Fluorene	10.654	166	957293	45.621	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.425	232	277524	50.834	ng	98
60) Diethylphthalate	10.519	149	1067894	47.447	ng	98
61) 4-Chlorophenyl-phenyle...	10.642	204	465270	46.722	ng	97
62) 4-Nitroaniline	10.672	138	253302	43.107	ng	98
63) Azobenzene	10.807	77	1090522	49.742	ng	93
65) 4,6-Dinitro-2-methylph...	10.695	198	183433	52.003	ng	96
66) n-Nitrosodiphenylamine	10.766	169	845966	43.469	ng	99
67) 4-Bromophenyl-phenylether	11.136	248	301056	47.306	ng	97
68) Hexachlorobenzene	11.207	284	347797	51.130	ng	# 91
69) Atrazine	11.289	200	301307	53.827	ng	99
70) Pentachlorophenol	11.401	266	393939	84.288	ng	99
71) Phenanthrene	11.625	178	1448459	44.600	ng	100
72) Anthracene	11.678	178	1477486	44.703	ng	100
73) Carbazole	11.830	167	1308452	44.152	ng	100
74) Di-n-butylphthalate	12.154	149	1708693	48.770	ng	100
75) Fluoranthene	12.824	202	1443719	43.562	ng	98
77) Benzidine	12.936	184	530532	42.837	ng	99
78) Pyrene	13.060	202	1509785	52.989	ng	99
80) Butylbenzylphthalate	13.666	149	699126	55.537	ng	94
81) Benzo(a)anthracene	14.248	228	1132040	45.690	ng	99
82) 3,3'-Dichlorobenzidine	14.207	252	143696	18.209	ng	98
83) Chrysene	14.289	228	1031607	44.465	ng	100
84) Bis(2-ethylhexyl)phtha...	14.219	149	976305	57.378	ng	99
85) Di-n-octyl phthalate	14.854	149	1390024	50.085	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.471	276	1213583	51.079	ng	97
88) Benzo(b)fluoranthene	15.366	252	1031832	45.398	ng	98
89) Benzo(k)fluoranthene	15.395	252	1001587	46.167	ng	100
90) Benzo(a)pyrene	15.771	252	916785	43.317	ng	98
91) Dibenzo(a,h)anthracene	17.495	278	1000008	52.351	ng	98
92) Benzo(g,h,i)perylene	17.977	276	962990	48.798	ng	96

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

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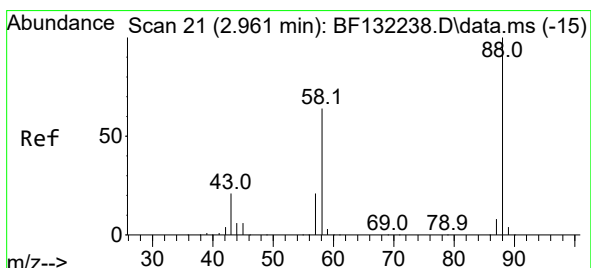
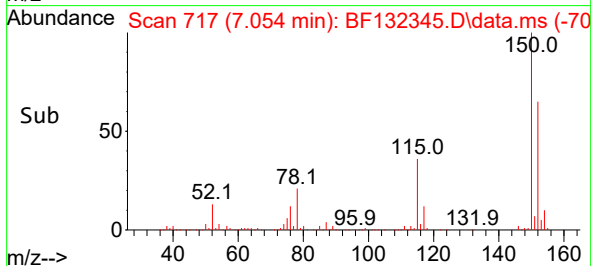
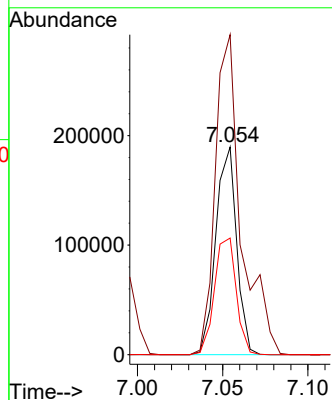
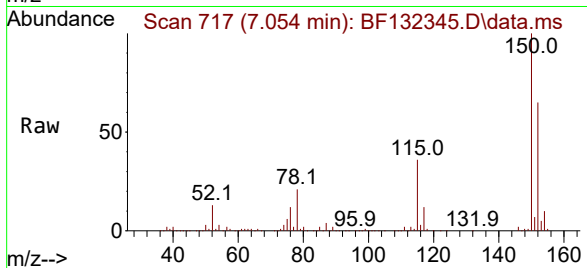




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.054 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132345.D
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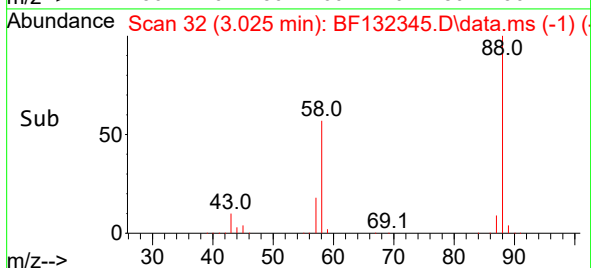
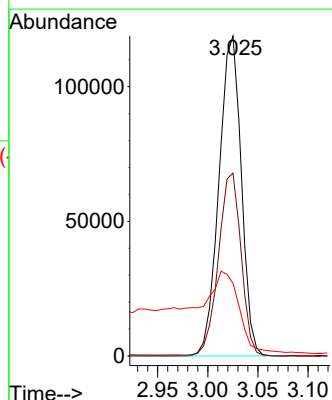
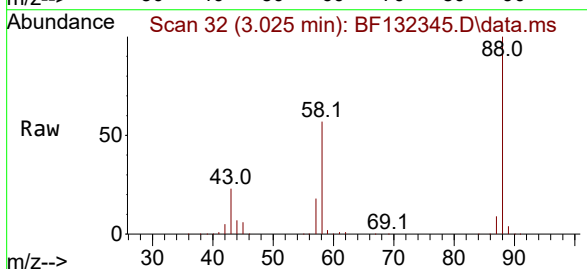
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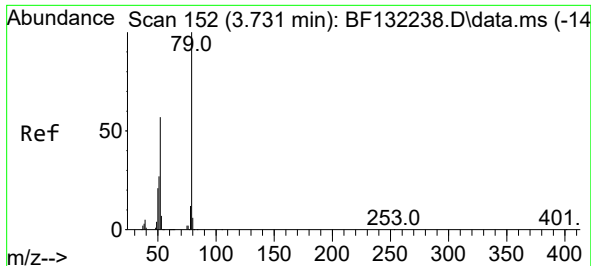
Tgt Ion:152 Resp: 161148
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.2 186.2
 115 56.2 47.3 70.9



#2
 1,4-Dioxane
 Concen: 38.928 ng
 RT: 3.025 min Scan# 32
 Delta R.T. 0.088 min
 Lab File: BF132345.D
 Acq: 07 Feb 2023 15:28

Tgt Ion: 88 Resp: 183635
 Ion Ratio Lower Upper
 88 100
 58 58.1 50.2 75.2
 43 35.5 16.9 25.3#

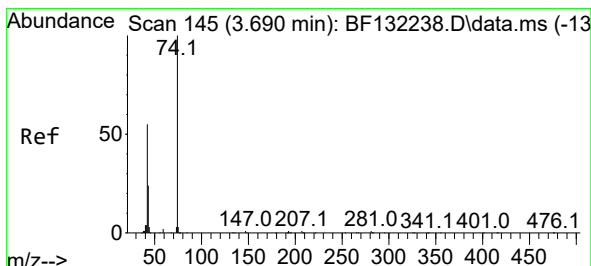
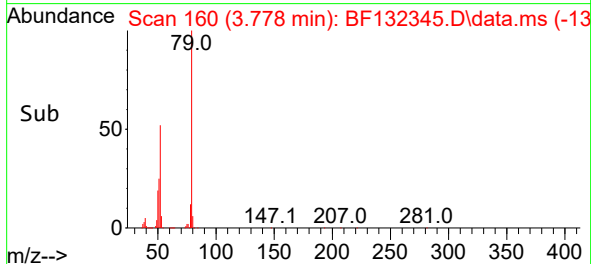
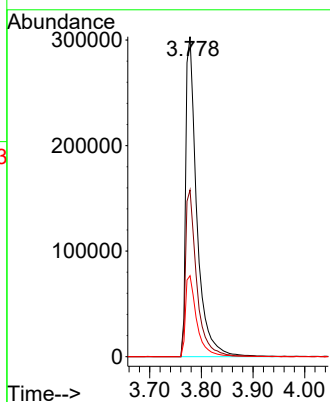
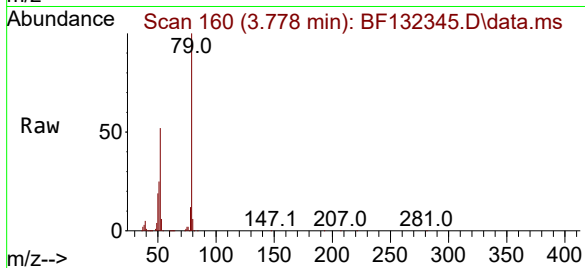




#3
Pyridine
Concen: 35.270 ng
RT: 3.778 min Scan# 1
Delta R.T. 0.065 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

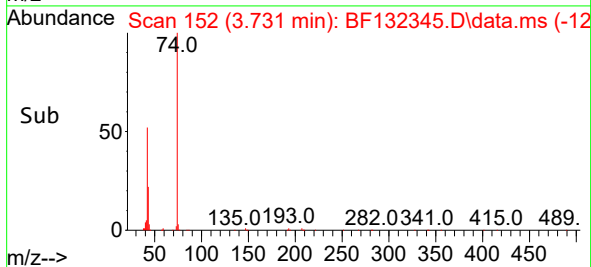
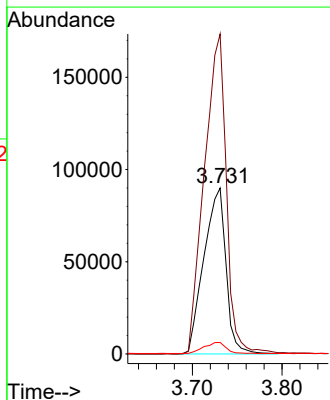
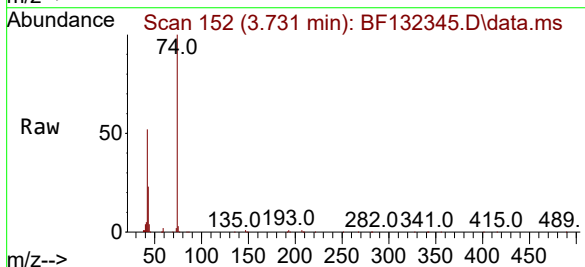
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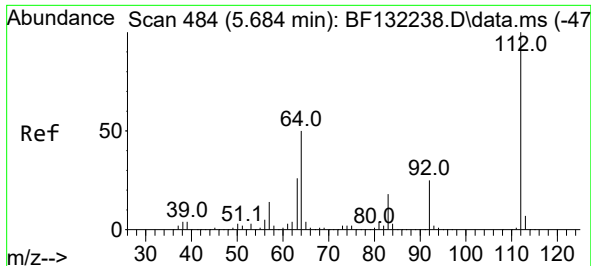
Tgt Ion: 79 Resp: 451365
Ion Ratio Lower Upper
79 100
52 52.1 45.6 68.4
51 25.3 21.5 32.3



#4
n-Nitrosodimethylamine
Concen: 37.670 ng
RT: 3.731 min Scan# 152
Delta R.T. 0.059 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion: 42 Resp: 154256
Ion Ratio Lower Upper
42 100
74 192.8 144.6 217.0
44 7.0 5.1 7.7

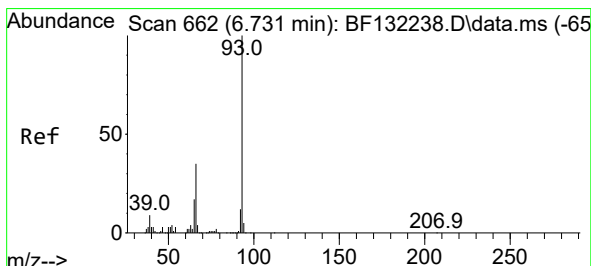
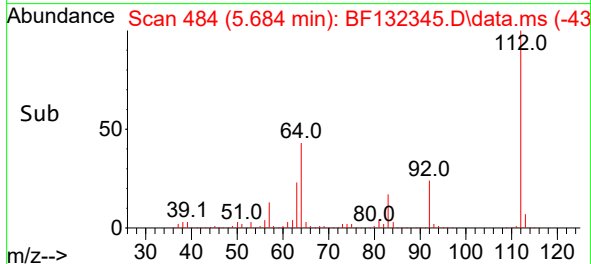
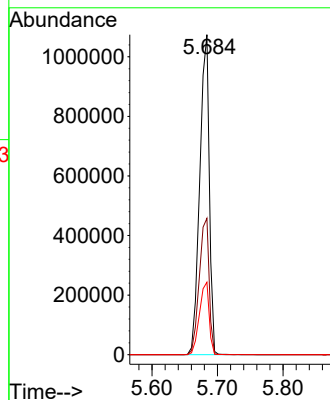
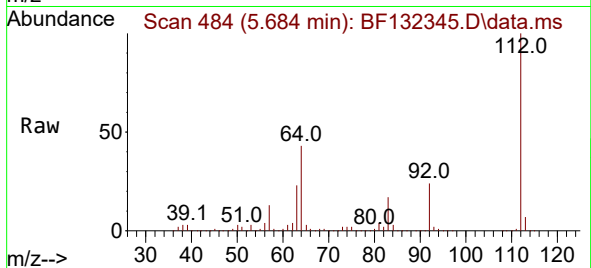




#5
2-Fluorophenol
Concen: 108.633 ng
RT: 5.684 min Scan# 41
Delta R.T. 0.018 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

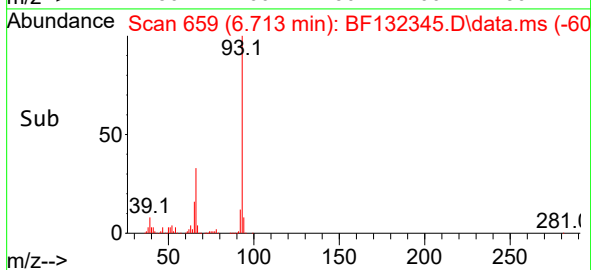
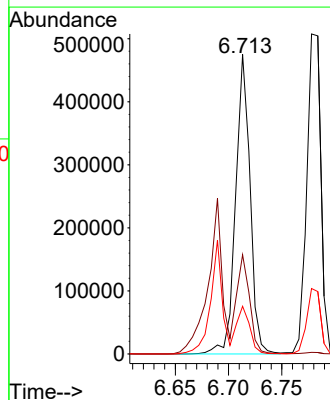
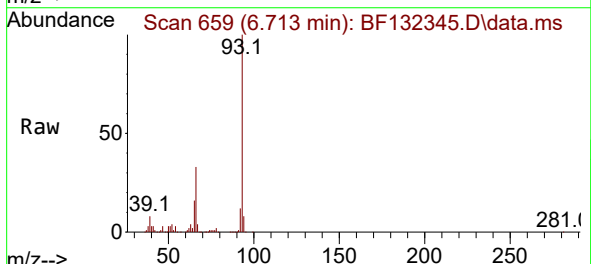
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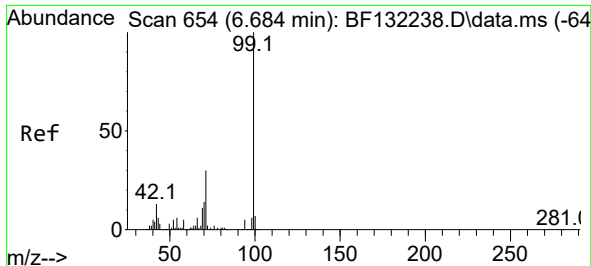
Tgt Ion:112 Resp: 1089086
Ion Ratio Lower Upper
112 100
64 42.6 40.0 60.0
63 22.7 20.5 30.7



#6
Aniline
Concen: 26.735 ng
RT: 6.713 min Scan# 659
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion: 93 Resp: 448406
Ion Ratio Lower Upper
93 100
66 33.1 28.8 43.2
65 15.9 14.2 21.4

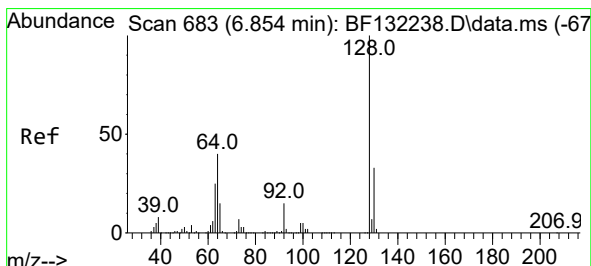
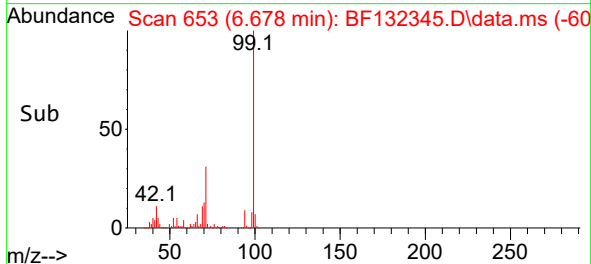
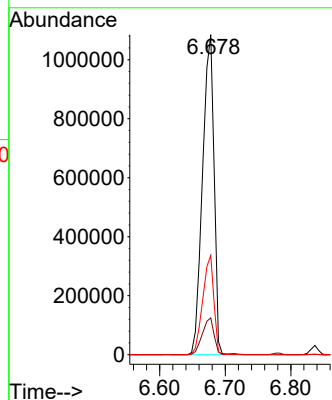
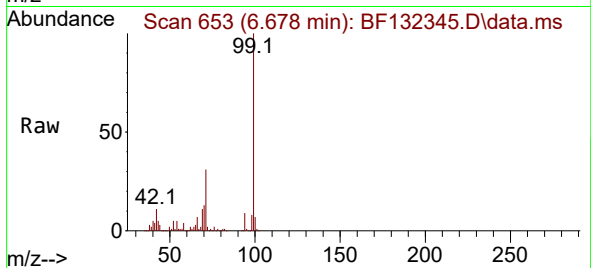




#7
Phenol-d6
Concen: 107.304 ng
RT: 6.678 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

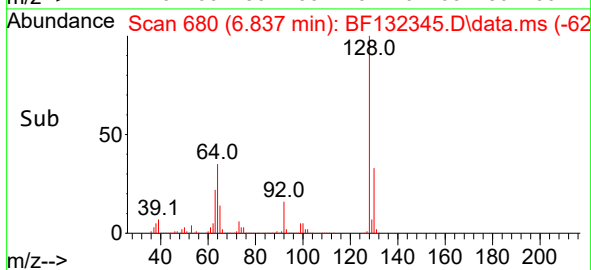
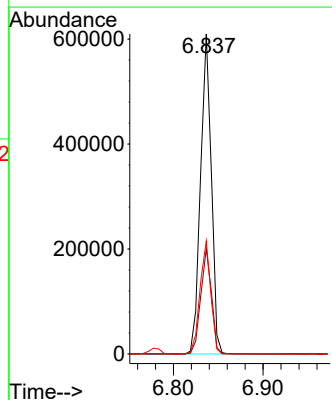
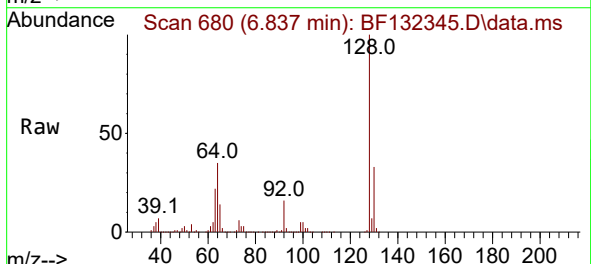
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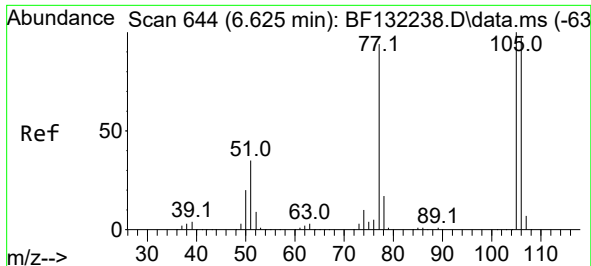
Tgt Ion: 99 Resp: 1326263
Ion Ratio Lower Upper
99 100
42 11.5 10.1 15.1
71 31.0 24.2 36.4



#8
2-Chlorophenol
Concen: 48.839 ng
RT: 6.837 min Scan# 680
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion: 128 Resp: 507118
Ion Ratio Lower Upper
128 100
130 32.9 13.3 53.3
64 35.3 20.1 60.1

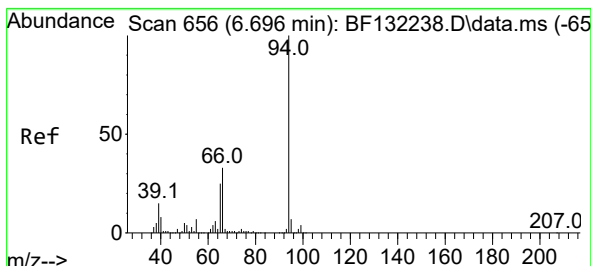
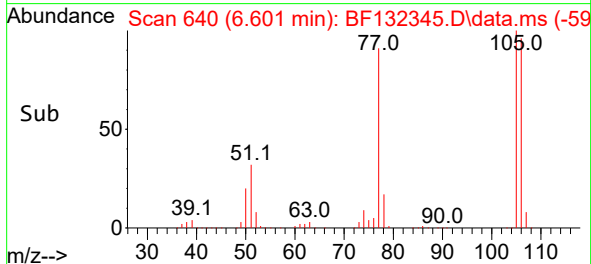
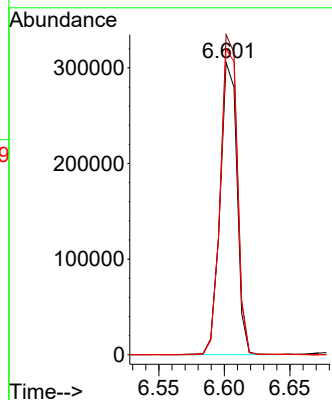
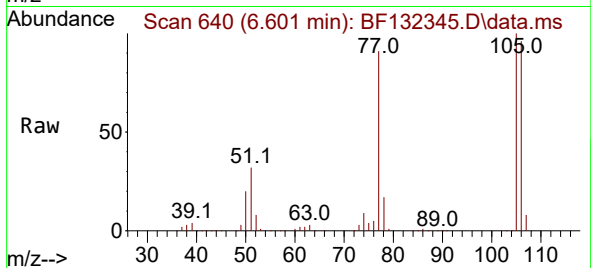




#9
Benzaldehyde
Concen: 39.113 ng
RT: 6.601 min Scan# 644
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

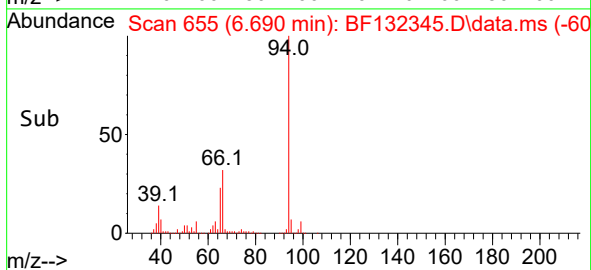
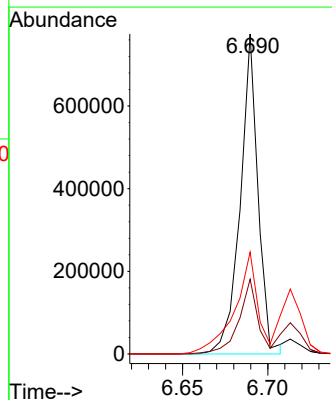
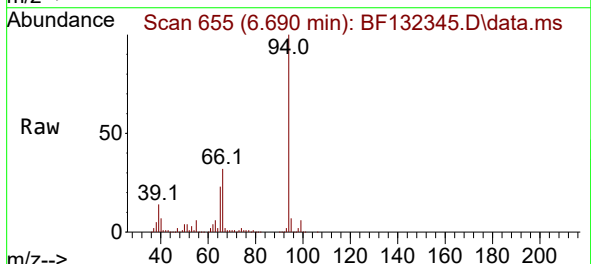
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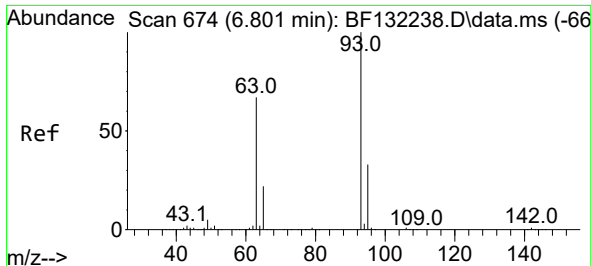
Tgt Ion: 77 Resp: 272432
Ion Ratio Lower Upper
77 100
105 109.6 86.8 126.8
106 104.7 83.8 123.8



#10
Phenol
Concen: 43.843 ng
RT: 6.690 min Scan# 655
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 560890
Ion Ratio Lower Upper
94 100
65 23.3 5.1 45.1
66 31.9 13.0 53.0

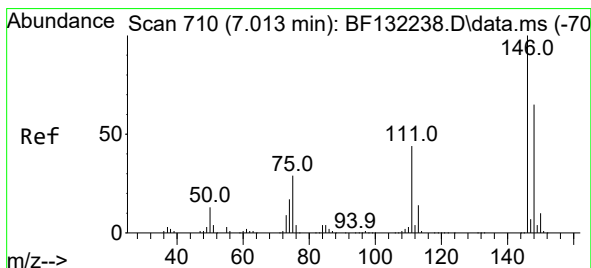
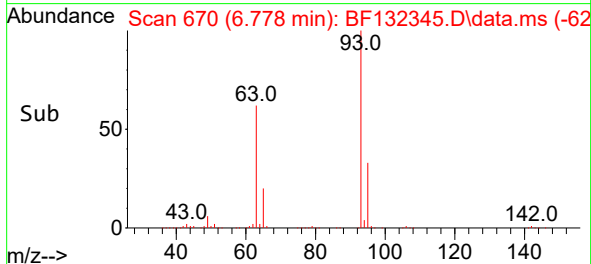
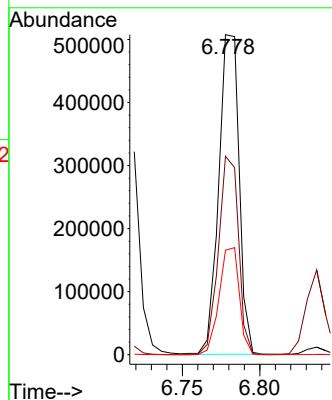
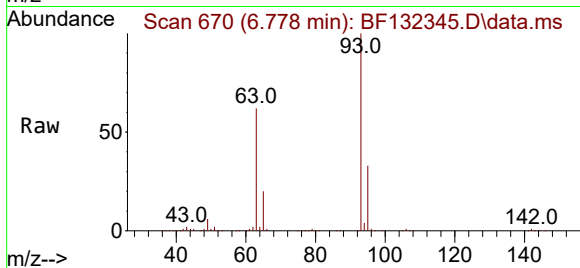




#11
bis(2-Chloroethyl)ether
Concen: 44.238 ng
RT: 6.778 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

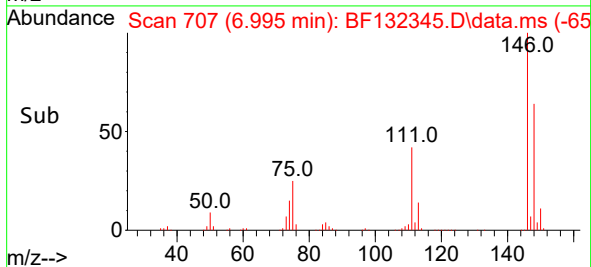
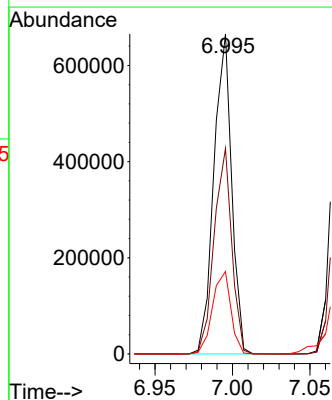
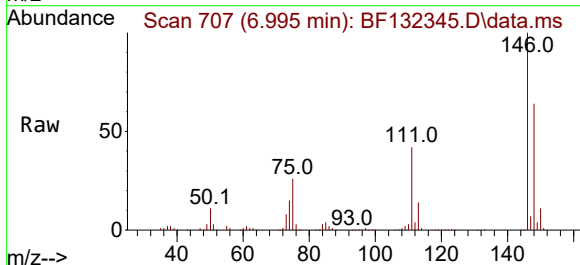
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

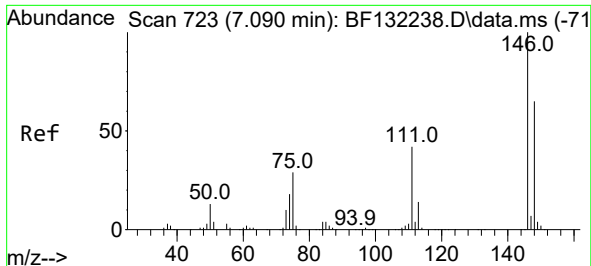
Tgt Ion: 93 Resp: 465764
Ion Ratio Lower Upper
93 100
63 62.0 46.7 86.7
95 32.7 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 48.309 ng
RT: 6.995 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:146 Resp: 530532
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 25.7 23.5 35.3

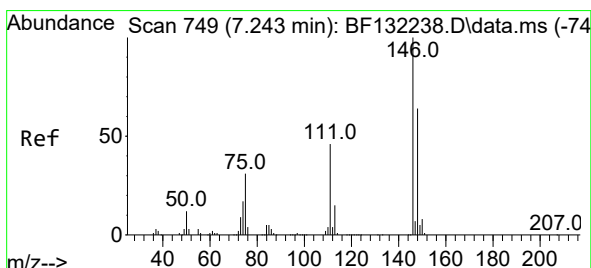
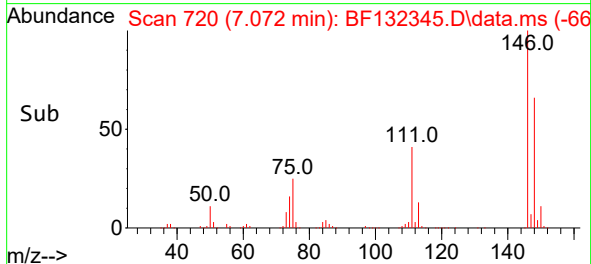
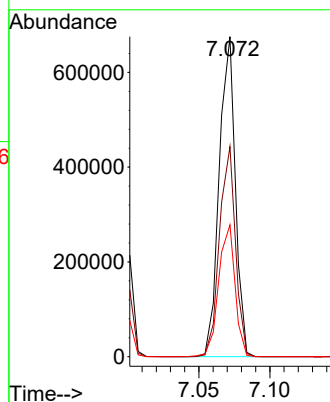
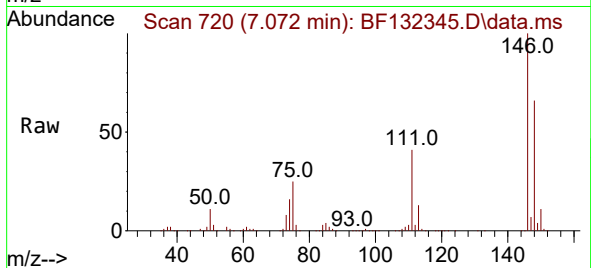




#13
1,4-Dichlorobenzene
Concen: 48.584 ng
RT: 7.072 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

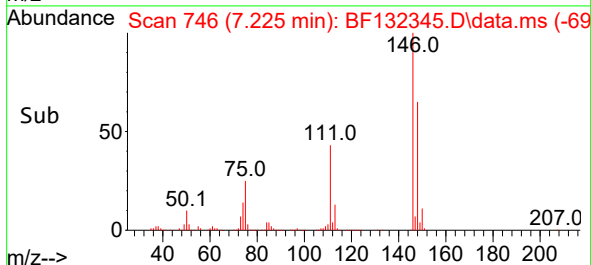
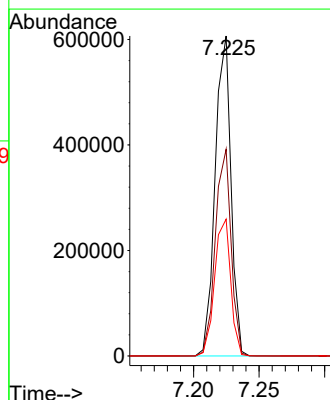
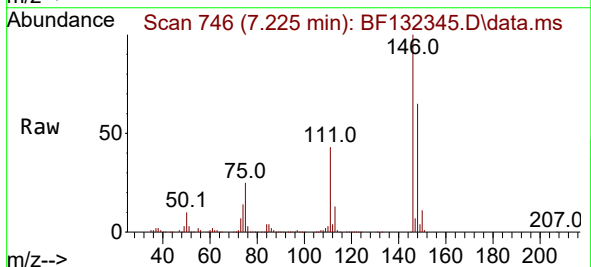
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

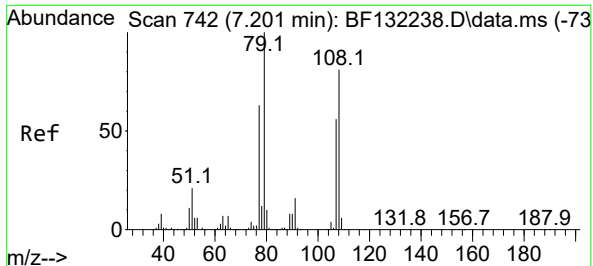
Tgt Ion:146 Resp: 532582
Ion Ratio Lower Upper
146 100
148 65.7 52.4 78.6
111 41.2 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 49.759 ng
RT: 7.225 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:146 Resp: 508695
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
111 42.7 37.1 55.7

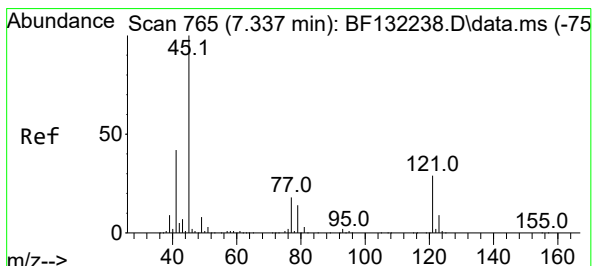
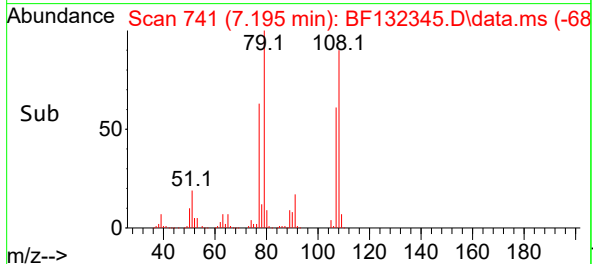
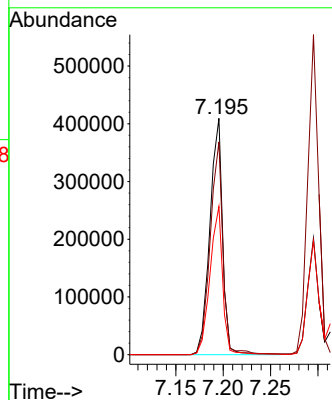
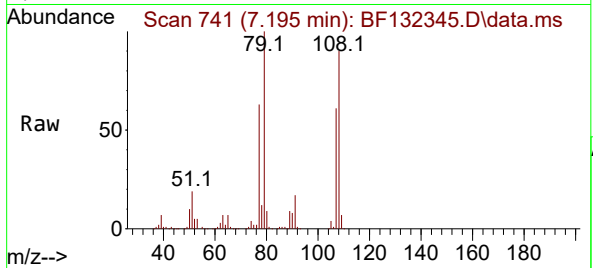




#15
Benzyl Alcohol
Concen: 42.496 ng
RT: 7.195 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

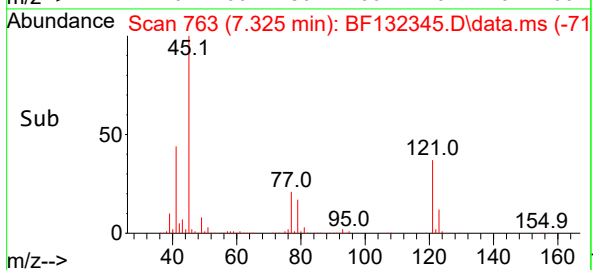
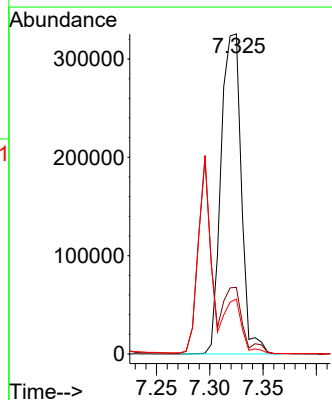
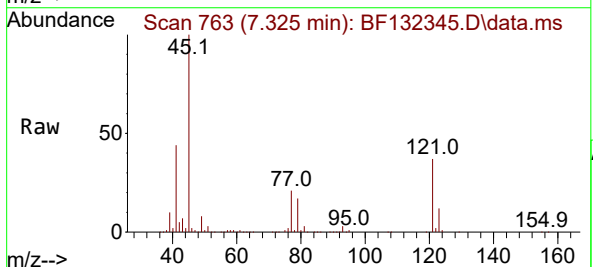
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

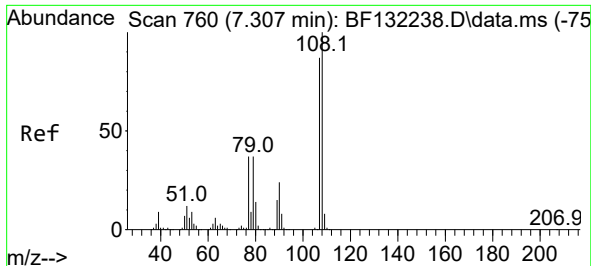
Tgt Ion: 79 Resp: 383254
Ion Ratio Lower Upper
79 100
108 90.1 64.6 97.0
77 62.7 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.677 ng
RT: 7.325 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion: 45 Resp: 429042
Ion Ratio Lower Upper
45 100
77 20.8 0.0 38.0
79 17.2 0.0 33.8



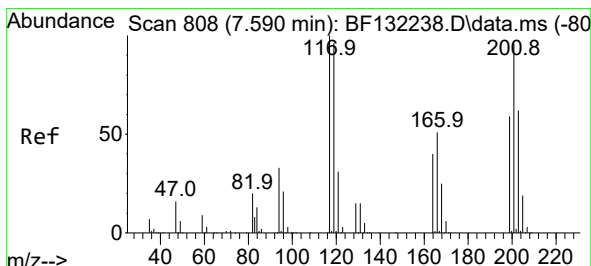
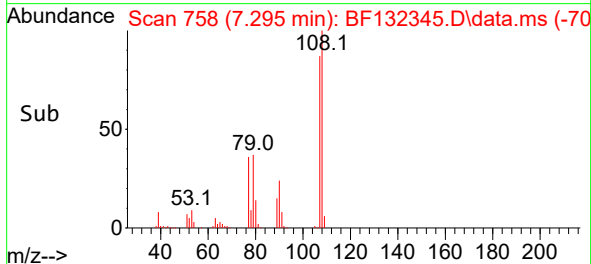
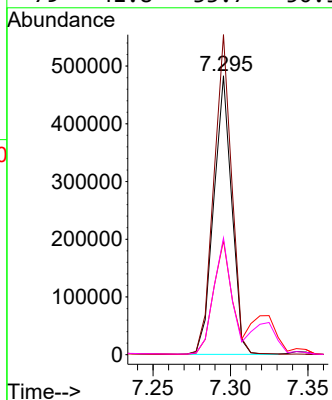
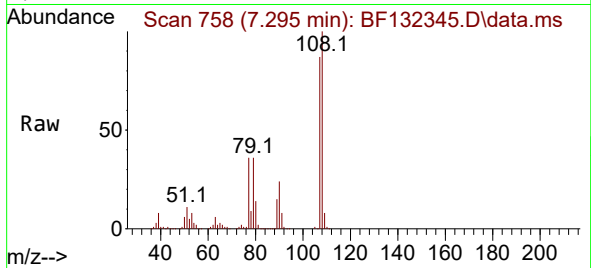


#17
2-Methylphenol
Concen: 42.780 ng
RT: 7.295 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

Tgt Ion:107 Resp: 388838

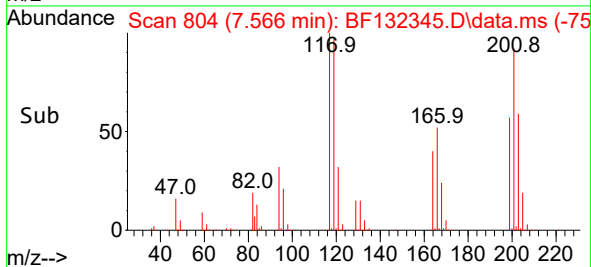
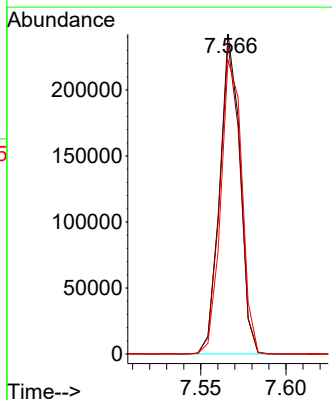
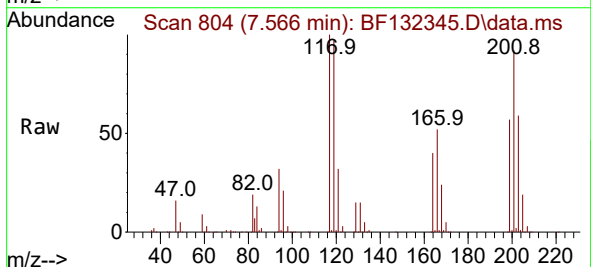
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.8	137.6
77	41.0	34.2	51.2
79	41.8	33.7	50.5

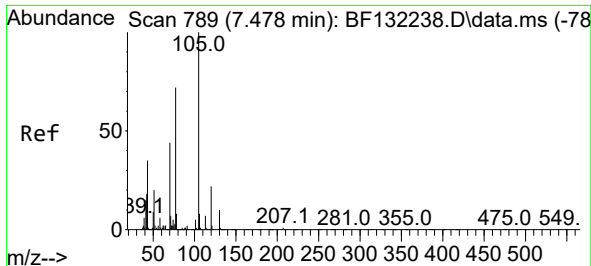


#18
Hexachloroethane
Concen: 48.632 ng
RT: 7.566 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:117 Resp: 199993

Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.7	115.1
201	91.8	76.6	114.8



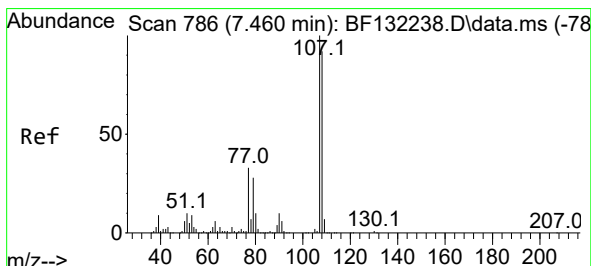
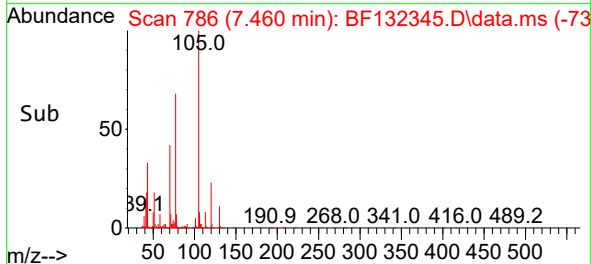
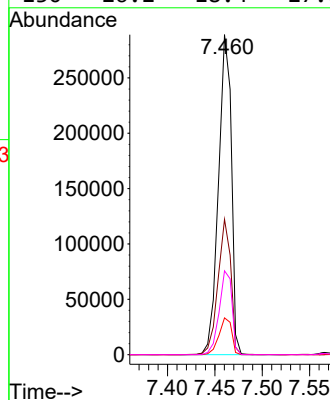
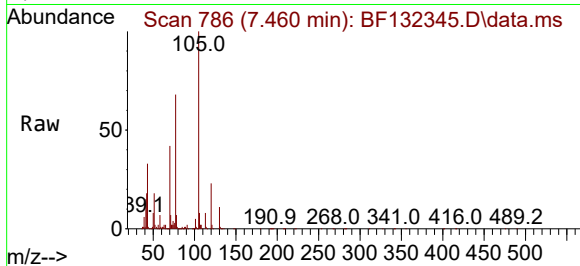


#19
n-Nitroso-di-n-propylamine
Concen: 38.888 ng
RT: 7.460 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

Tgt Ion: 70 Resp: 273020

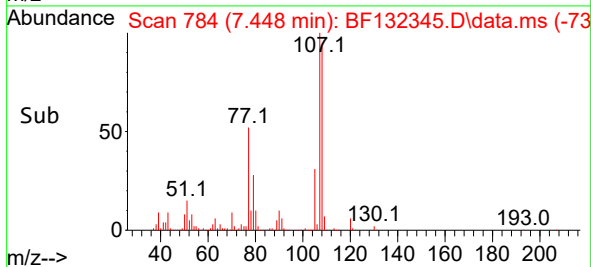
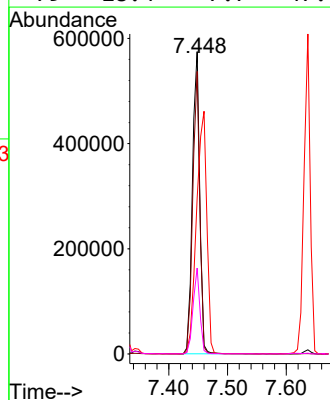
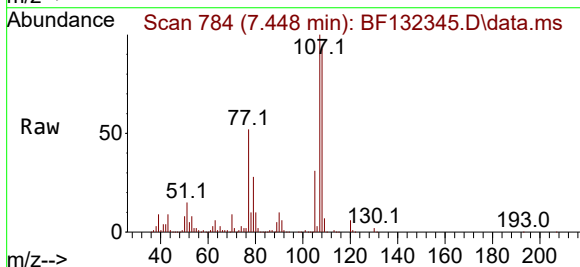
Ion	Ratio	Lower	Upper
70	100		
42	42.3	33.4	50.0
101	11.5	8.2	12.4
130	26.2	18.4	27.6

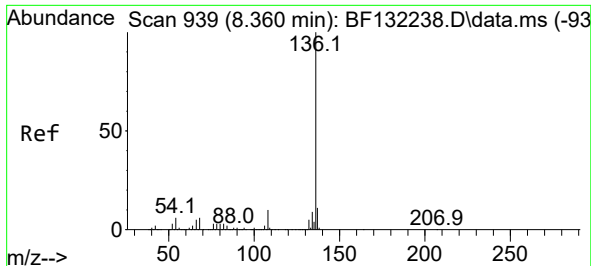


#20
3+4-Methylphenols
Concen: 42.910 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion: 107 Resp: 497791

Ion	Ratio	Lower	Upper
107	100		
108	93.4	71.6	111.6
77	51.5	13.4	53.4
79	28.4	7.7	47.7

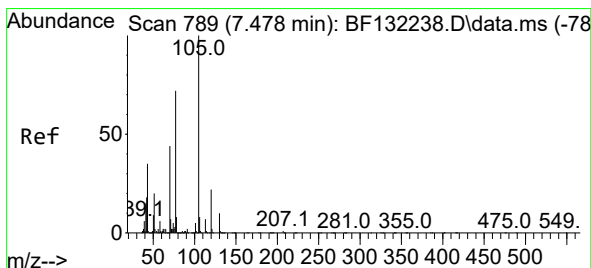
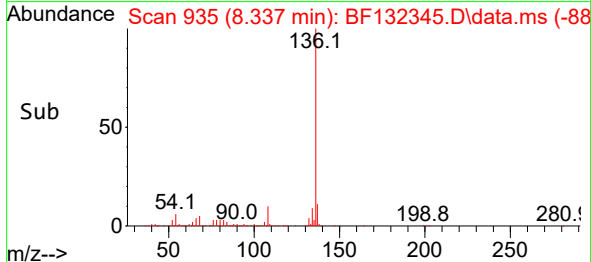
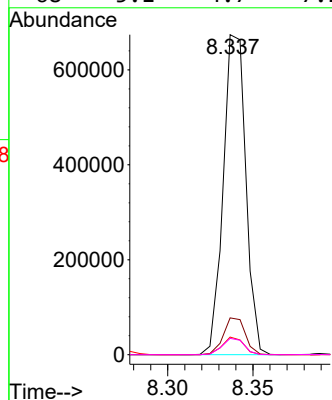
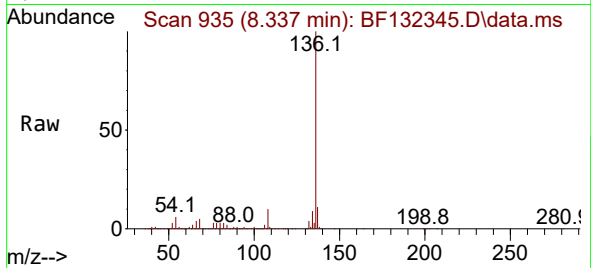




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.337 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

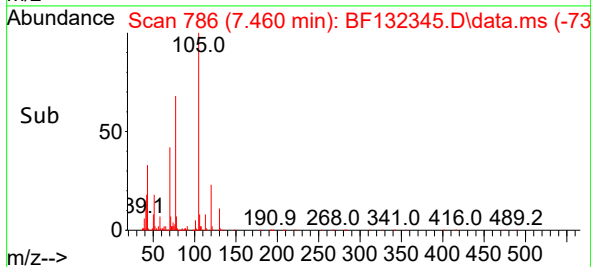
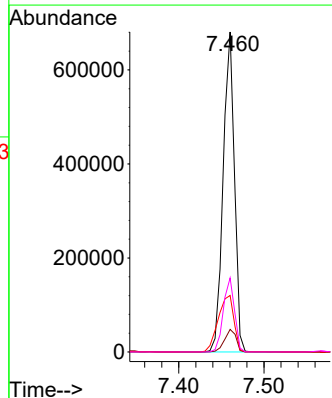
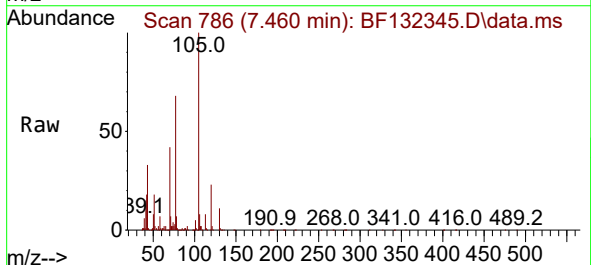
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

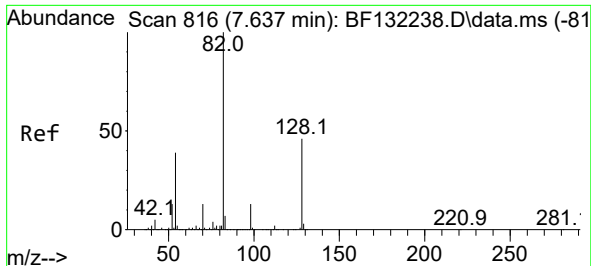
Tgt Ion:136 Resp: 622436
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 5.5 4.9 7.3
68 5.1 4.7 7.1



#22
Acetophenone
Concen: 42.721 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:105 Resp: 625349
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.6
51 17.6 16.2 24.2
120 23.1 18.0 27.0





#23

Nitrobenzene-d5

Concen: 70.326 ng

RT: 7.619 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

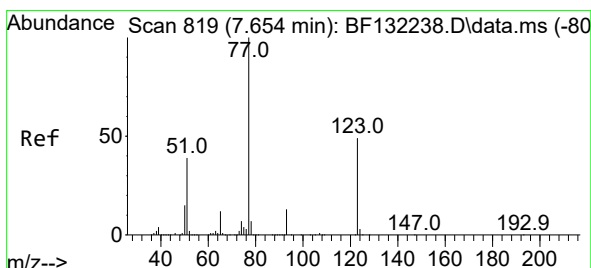
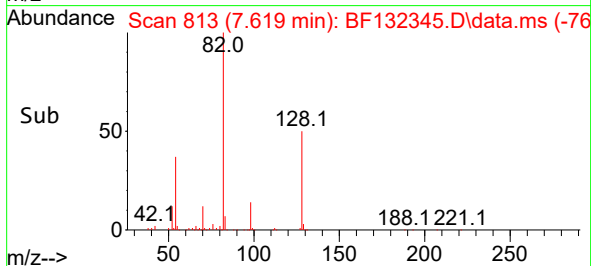
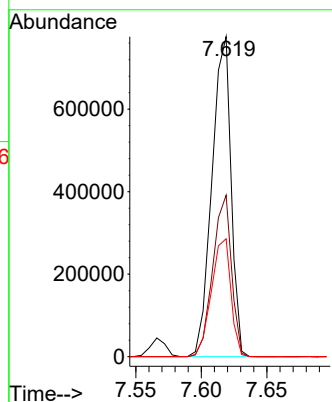
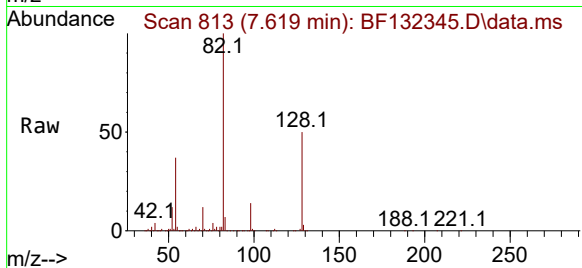
Tgt Ion: 82 Resp: 786625

Ion Ratio Lower Upper

82 100

128 50.5 37.0 55.4

54 36.9 31.5 47.3



#24

Nitrobenzene

Concen: 39.458 ng

RT: 7.637 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

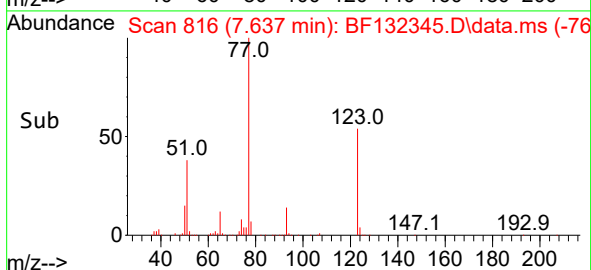
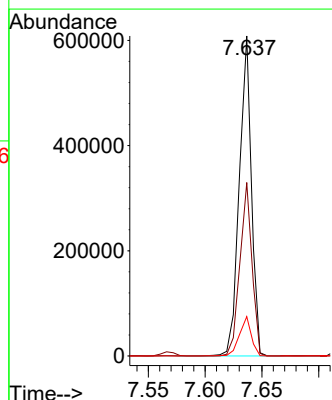
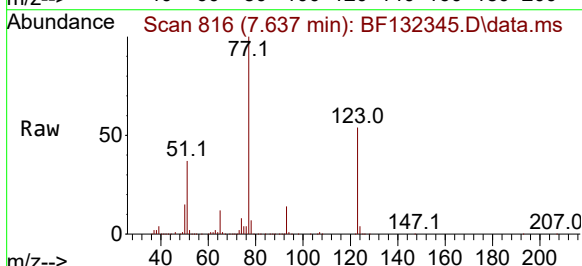
Tgt Ion: 77 Resp: 450891

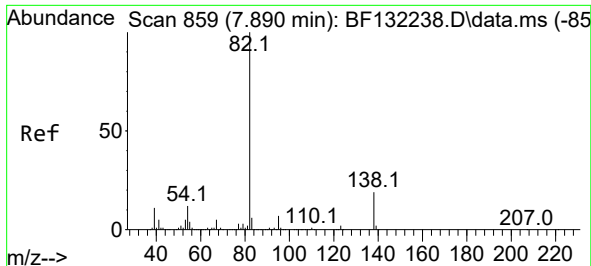
Ion Ratio Lower Upper

77 100

123 54.2 39.5 59.3

65 12.3 9.8 14.8

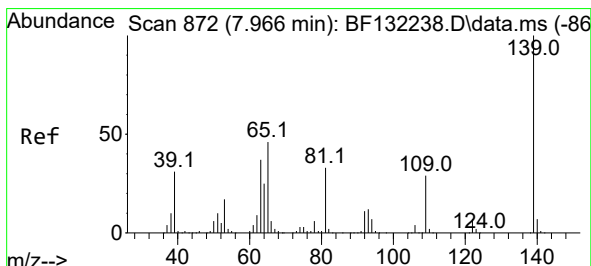
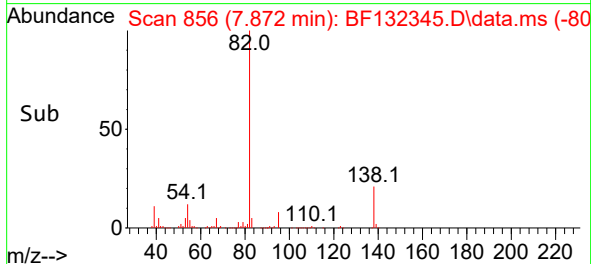
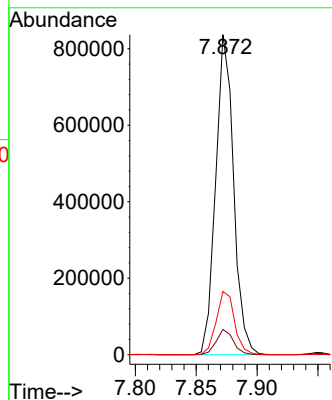
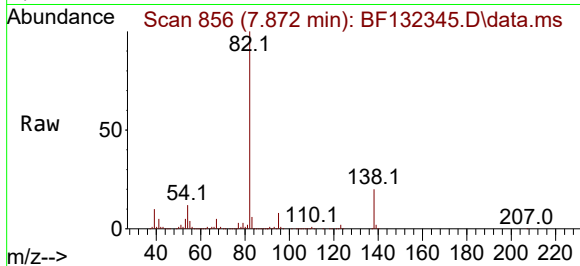




#25
Isophorone
Concen: 40.413 ng
RT: 7.872 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

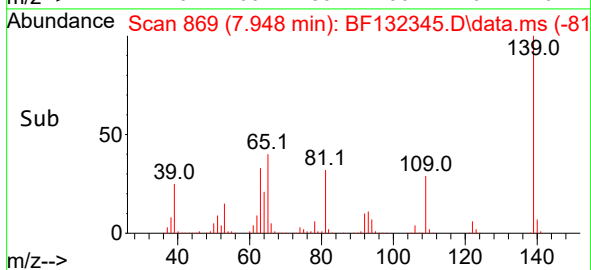
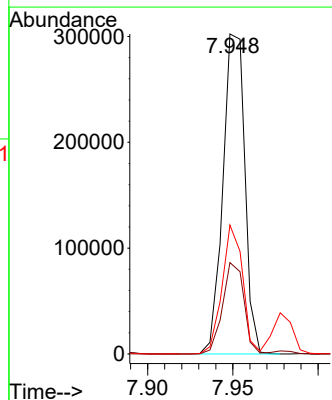
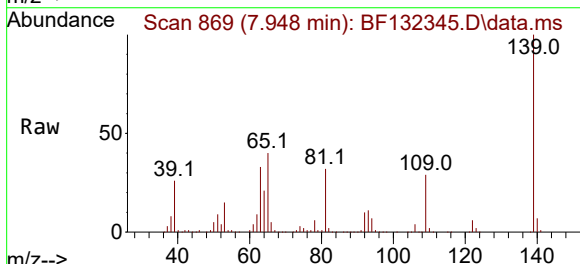
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

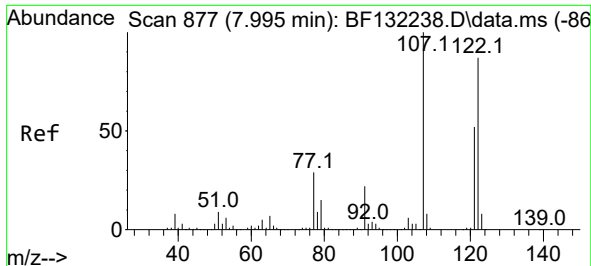
Tgt Ion: 82 Resp: 857973
Ion Ratio Lower Upper
82 100
95 7.9 5.6 8.4
138 19.8 15.0 22.6



#26
2-Nitrophenol
Concen: 48.619 ng
RT: 7.948 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:139 Resp: 270620
Ion Ratio Lower Upper
139 100
109 28.5 23.0 34.6
65 40.3 36.6 55.0





#27

2,4-Dimethylphenol

Concen: 43.476 ng

RT: 7.978 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

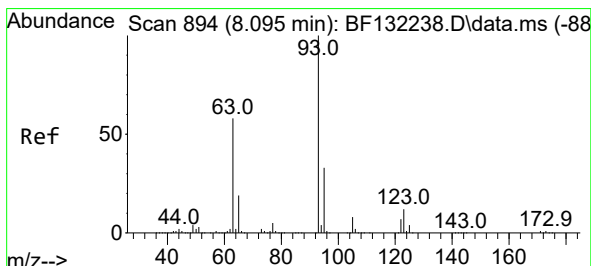
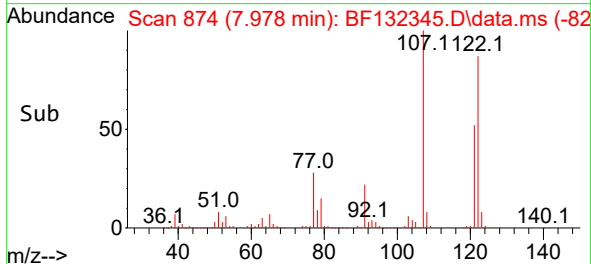
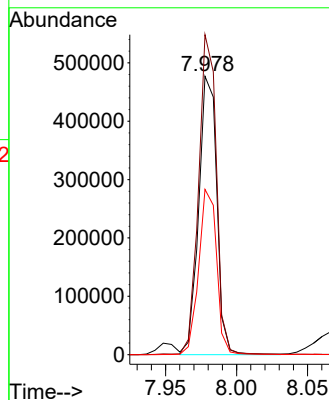
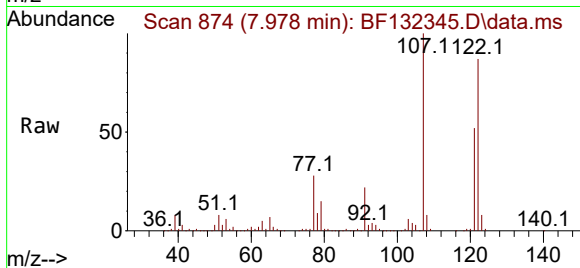
Tgt Ion:122 Resp: 423571

Ion Ratio Lower Upper

122 100

107 114.9 91.9 137.9

121 59.4 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.204 ng

RT: 8.078 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

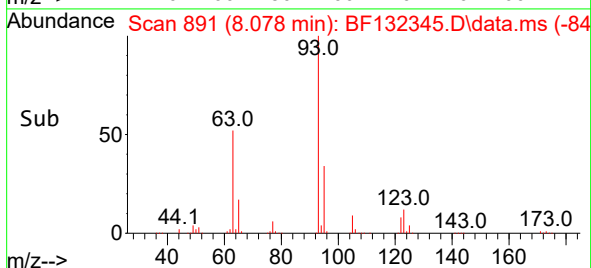
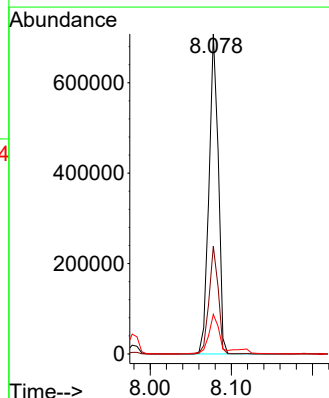
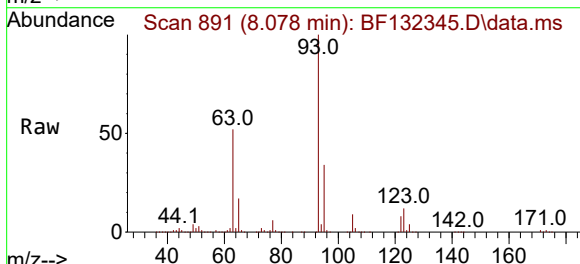
Tgt Ion: 93 Resp: 563655

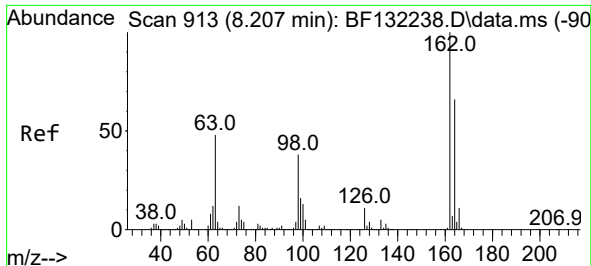
Ion Ratio Lower Upper

93 100

95 33.7 26.6 40.0

123 12.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 47.298 ng

RT: 8.190 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

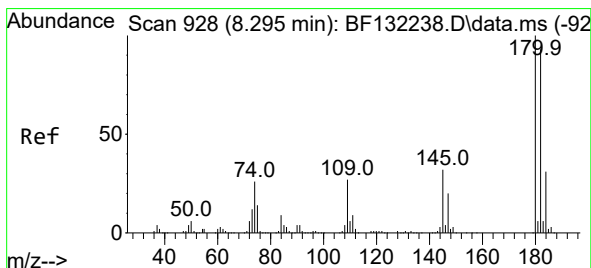
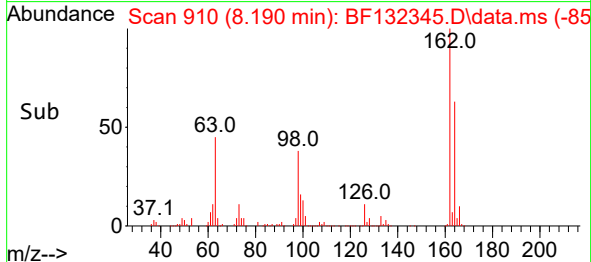
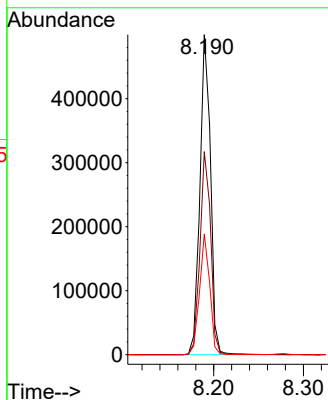
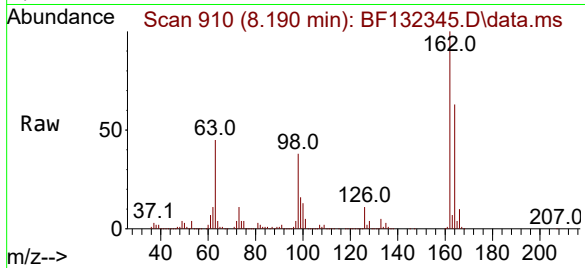
Tgt Ion:162 Resp: 409113

Ion Ratio Lower Upper

162 100

164 63.4 46.4 86.4

98 37.8 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 47.735 ng

RT: 8.278 min Scan# 925

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

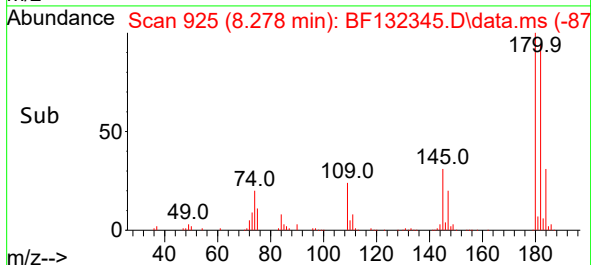
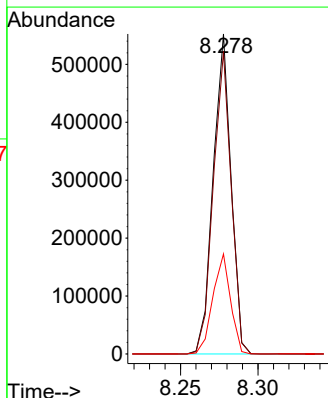
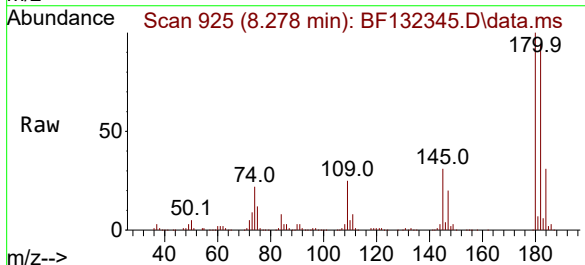
Tgt Ion:180 Resp: 442149

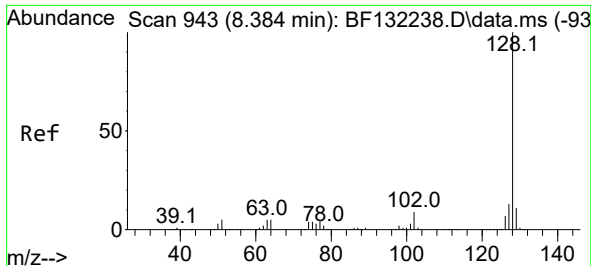
Ion Ratio Lower Upper

180 100

182 94.5 74.6 112.0

145 31.3 25.3 37.9





#31

Naphthalene

Concen: 43.754 ng

RT: 8.360 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

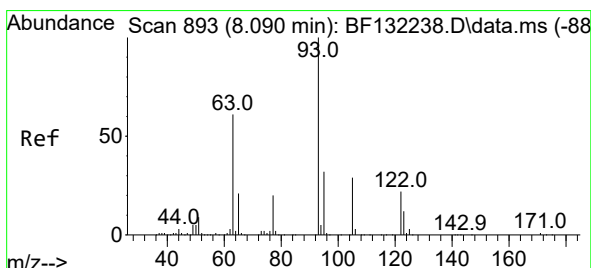
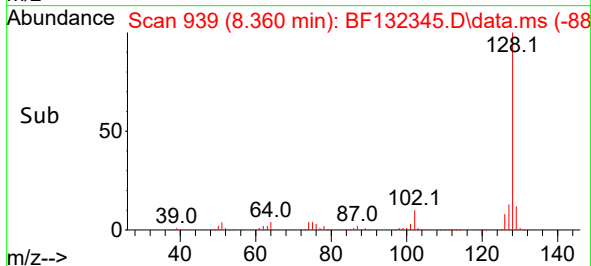
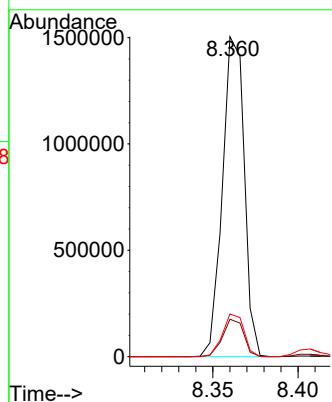
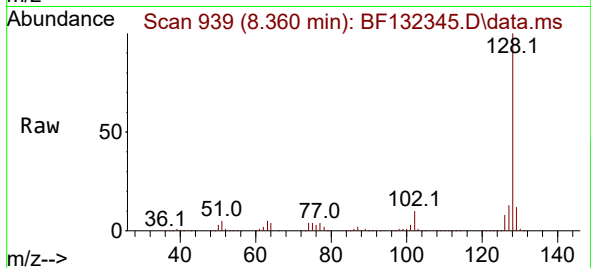
Tgt Ion:128 Resp: 1340551

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 50.800 ng

RT: 8.119 min Scan# 898

Delta R.T. 0.035 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

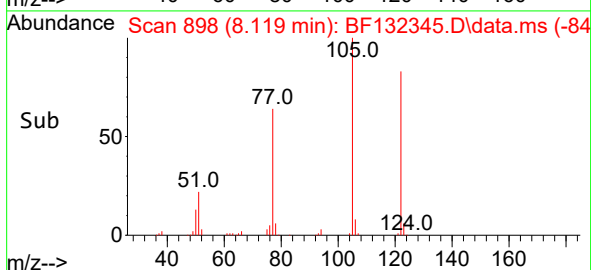
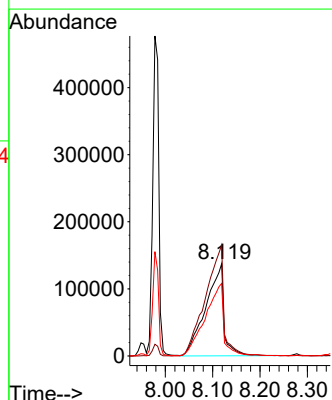
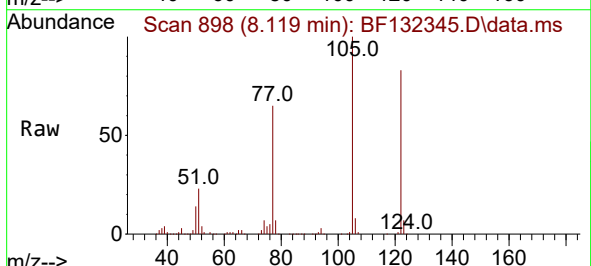
Tgt Ion:122 Resp: 366347

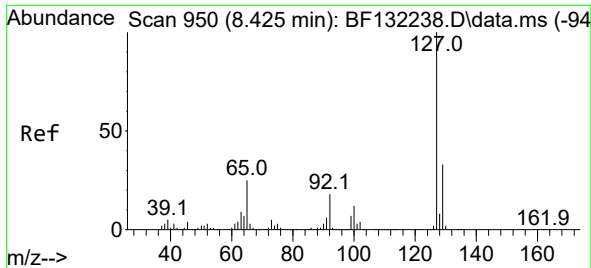
Ion Ratio Lower Upper

122 100

105 120.3 106.3 146.3

77 78.6 70.6 110.6

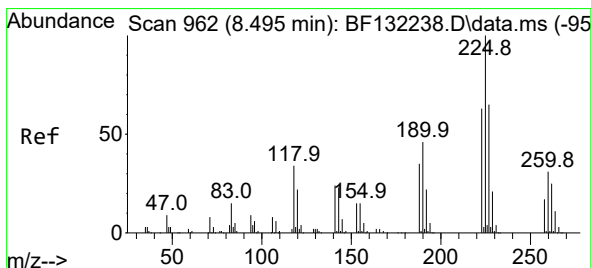
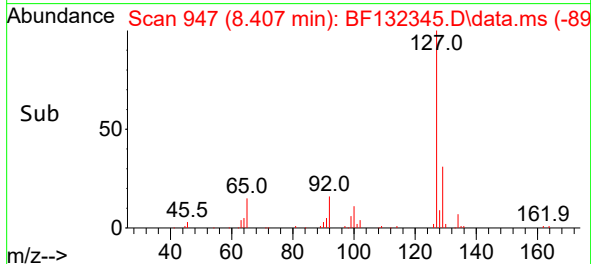
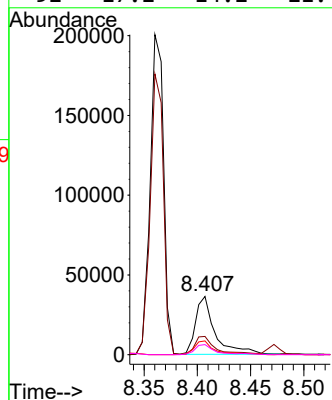
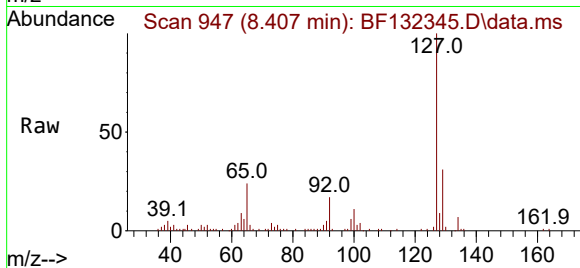




#33
4-Chloroaniline
Concen: 3.415 ng
RT: 8.407 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

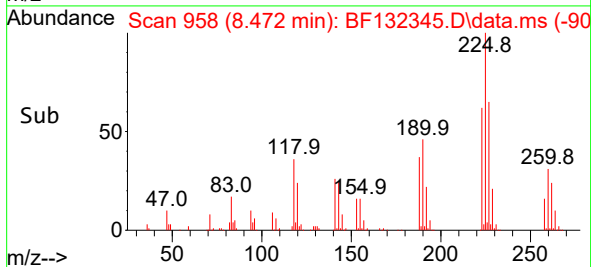
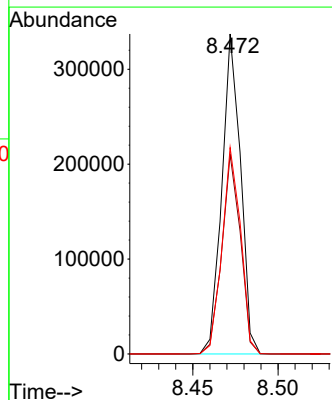
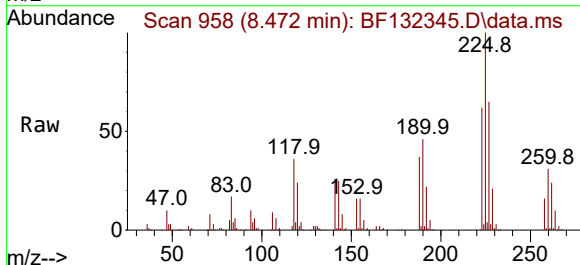
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

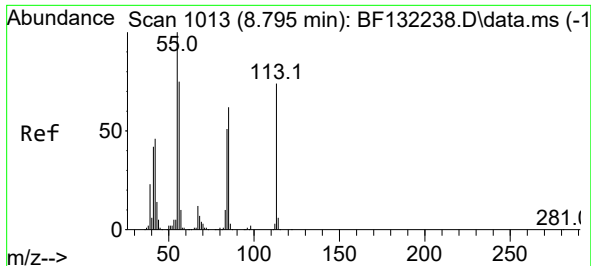
Tgt Ion:	127	Resp:	46391
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	39.8
65	23.5	20.2	30.2
92	17.2	14.2	21.4



#34
Hexachlorobutadiene
Concen: 49.344 ng
RT: 8.472 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:	225	Resp:	256945
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	75.8
227	64.5	51.7	77.5

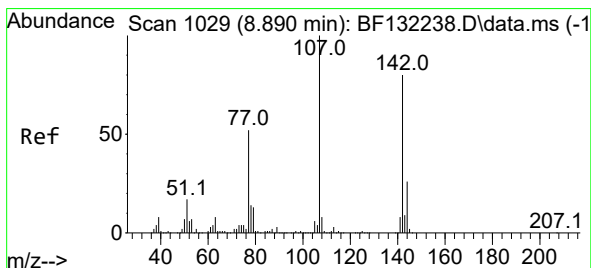
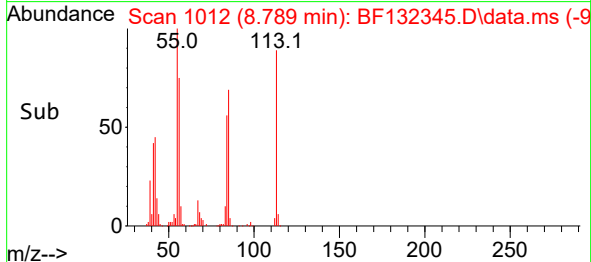
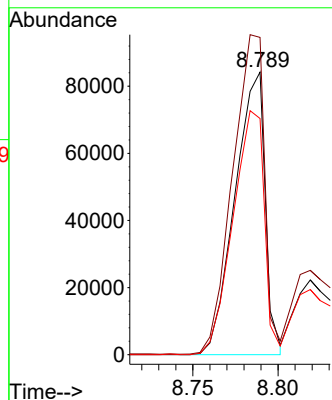
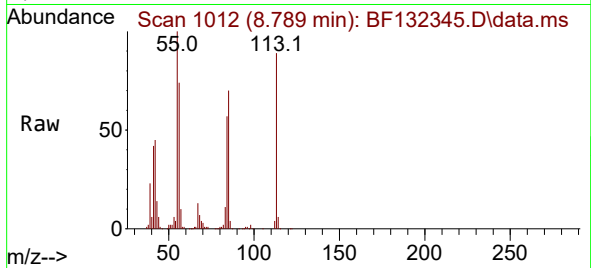




#35
Caprolactam
Concen: 35.216 ng
RT: 8.789 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

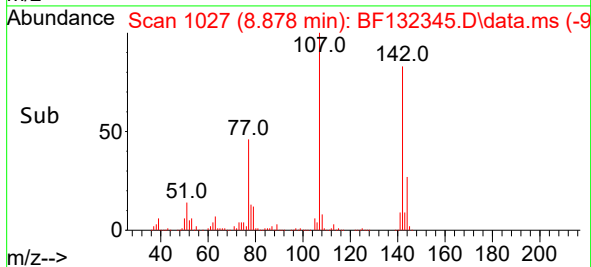
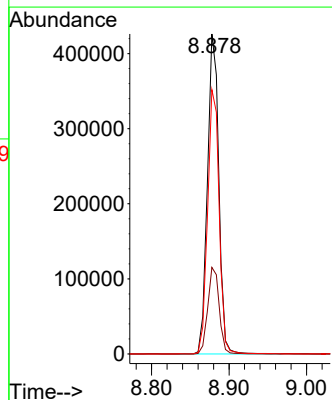
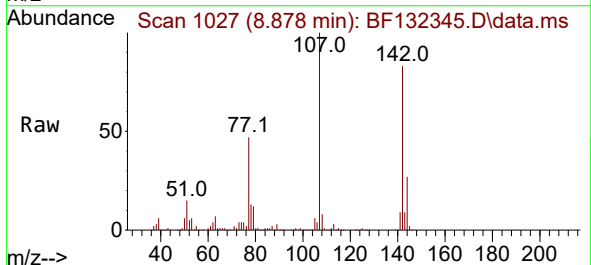
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

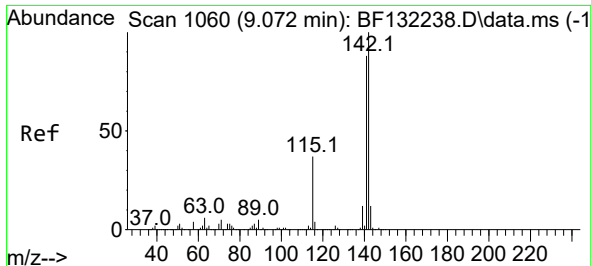
Tgt Ion:113 Resp: 103844
Ion Ratio Lower Upper
113 100
55 112.3 114.7 154.7#
56 83.6 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 46.480 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:107 Resp: 433129
Ion Ratio Lower Upper
107 100
144 27.1 20.5 30.7
142 82.6 63.6 95.4

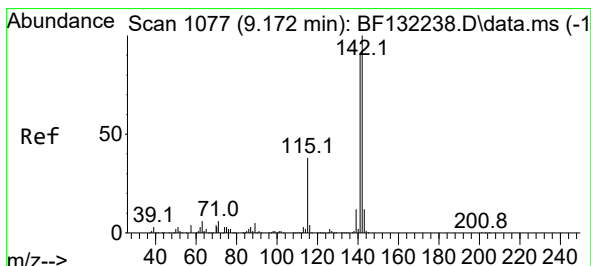
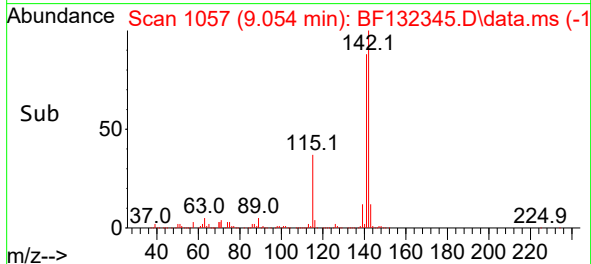
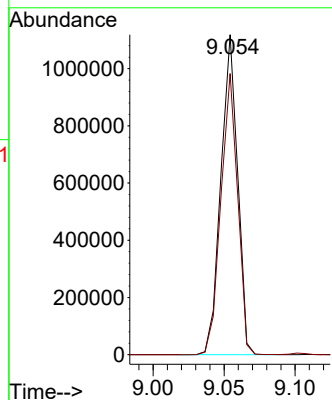
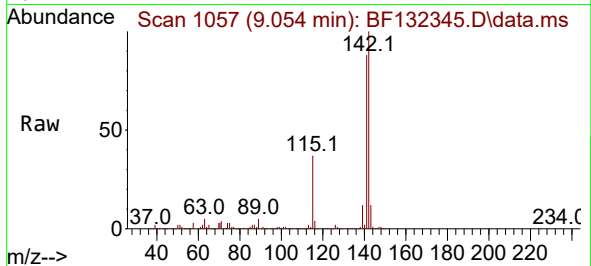




#37
2-Methylnaphthalene
Concen: 44.003 ng
RT: 9.054 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

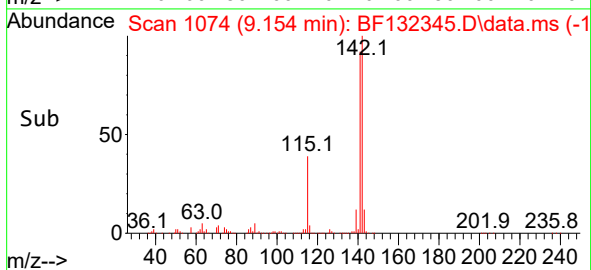
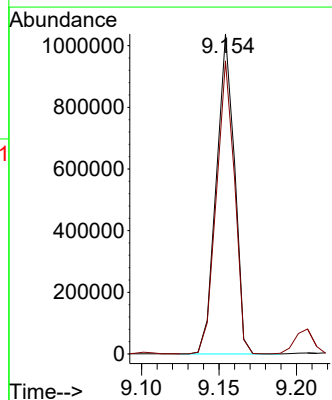
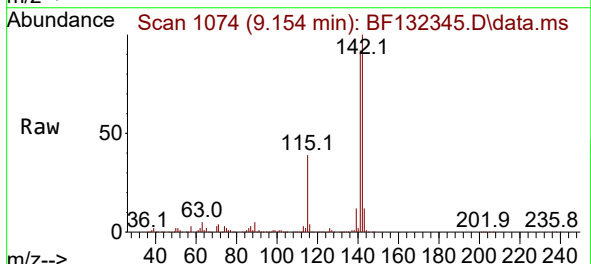
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

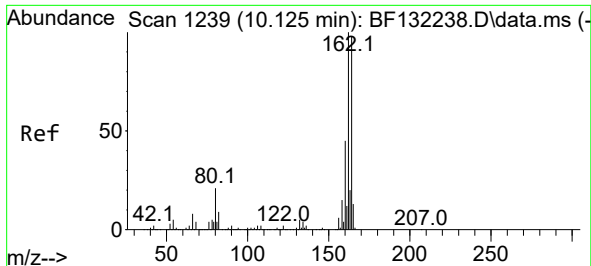
Tgt Ion:142 Resp: 913202
Ion Ratio Lower Upper
142 100
141 87.9 70.1 105.1



#38
1-Methylnaphthalene
Concen: 43.767 ng
RT: 9.154 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:142 Resp: 844094
Ion Ratio Lower Upper
142 100
141 91.6 72.6 108.8

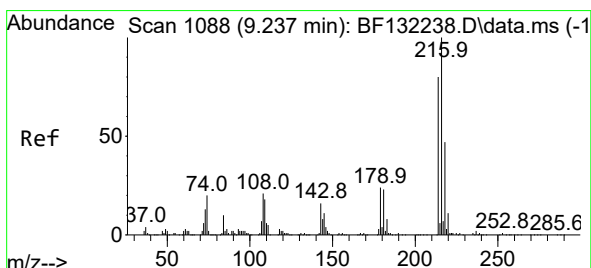
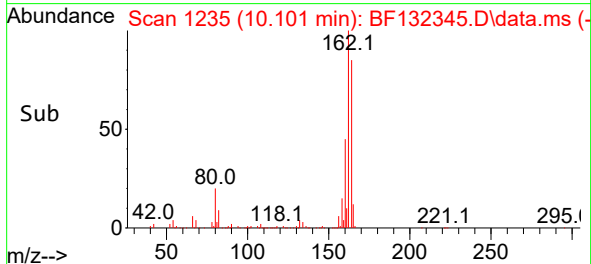
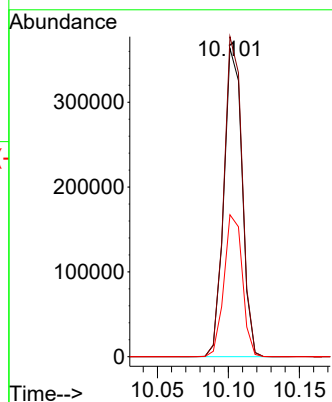
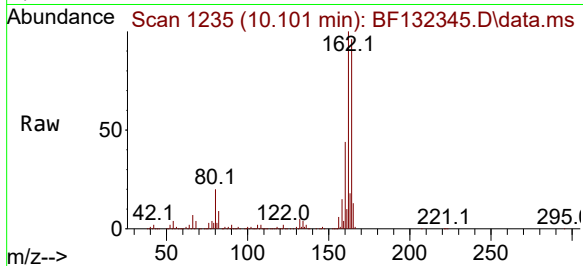




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

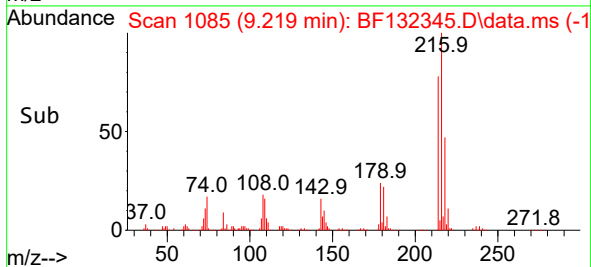
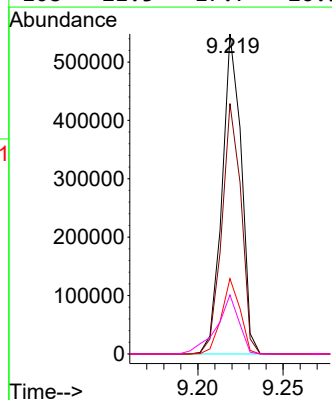
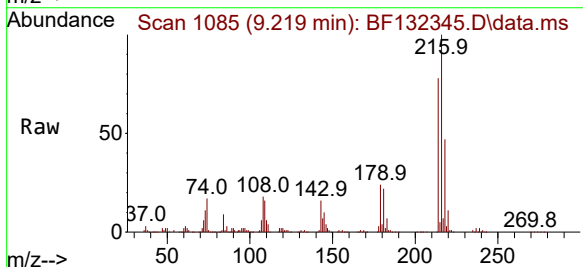
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

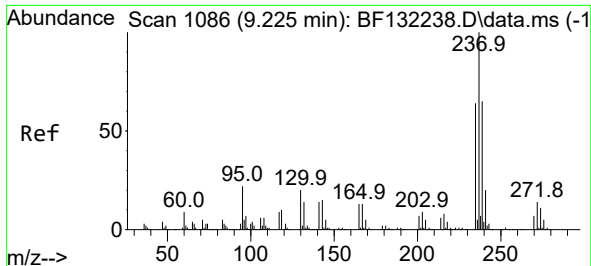
Tgt Ion:164 Resp: 323438
Ion Ratio Lower Upper
164 100
162 103.8 82.0 123.0
160 46.0 37.1 55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.144 ng
RT: 9.219 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:216 Resp: 429098
Ion Ratio Lower Upper
216 100
214 78.2 63.6 95.4
179 22.8 18.3 27.5
108 21.5 17.7 26.5

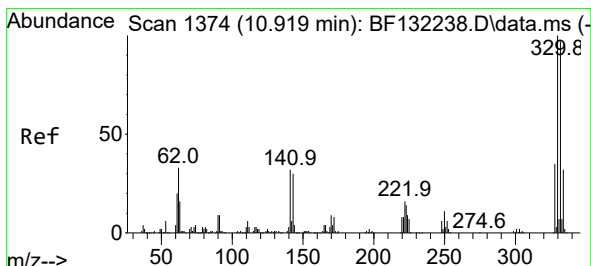
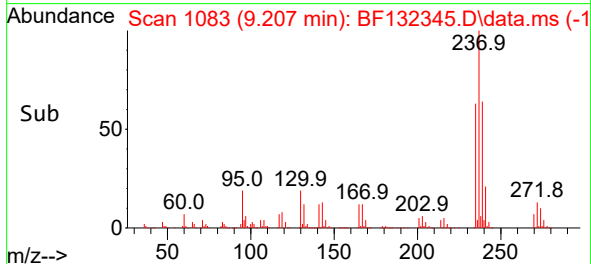
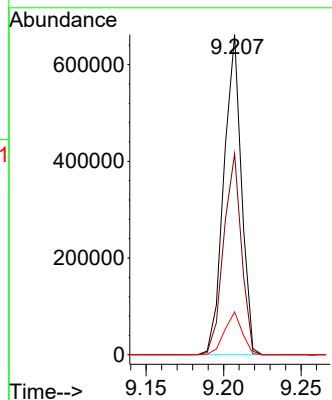
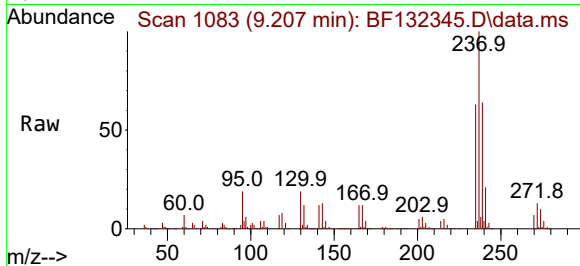




#41
Hexachlorocyclopentadiene
Concen: 98.164 ng
RT: 9.207 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

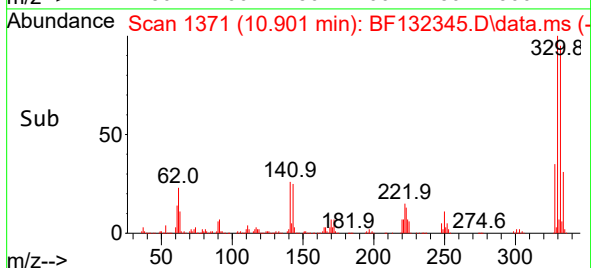
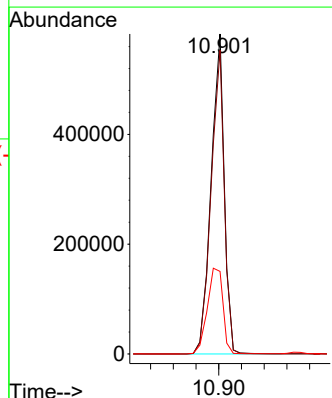
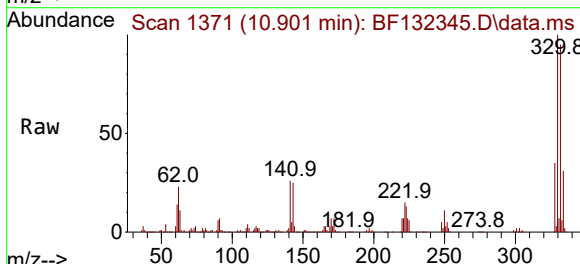
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

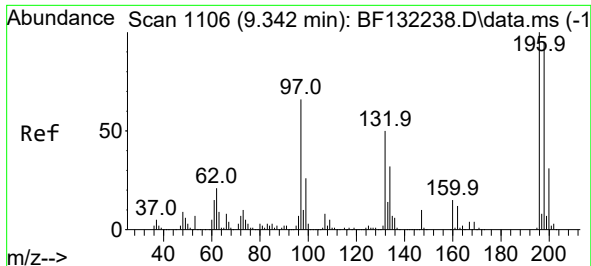
Tgt Ion:237 Resp: 521283
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 13.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 140.213 ng
RT: 10.901 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:330 Resp: 466363
Ion Ratio Lower Upper
330 100
332 95.8 77.9 116.9
141 31.9 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 47.200 ng

RT: 9.331 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

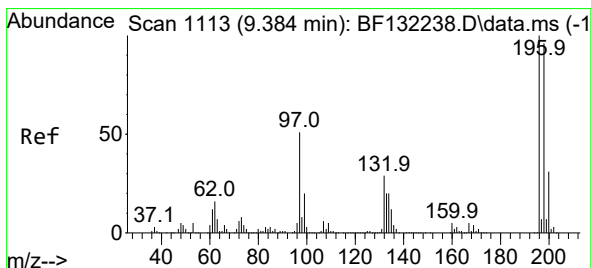
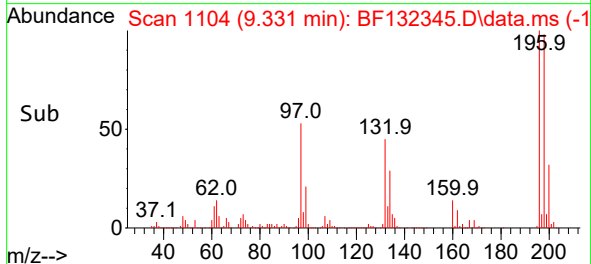
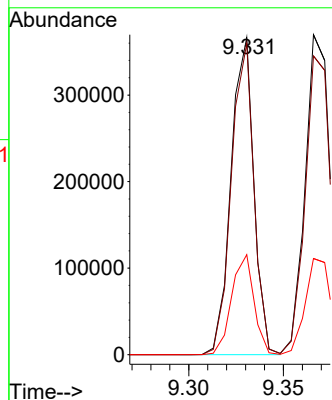
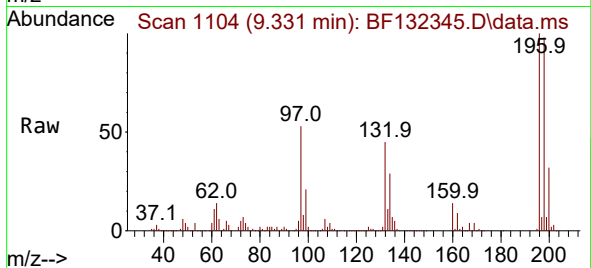
Tgt Ion:196 Resp: 307096

Ion Ratio Lower Upper

196 100

198 98.1 75.9 113.9

200 31.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 44.974 ng

RT: 9.366 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Tgt Ion:196 Resp: 336798

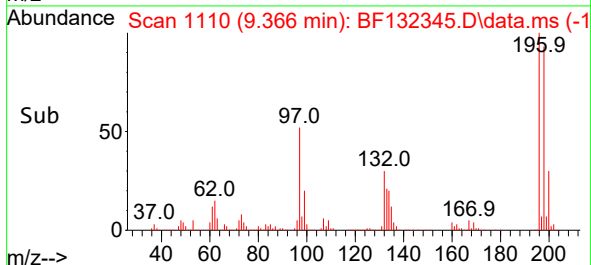
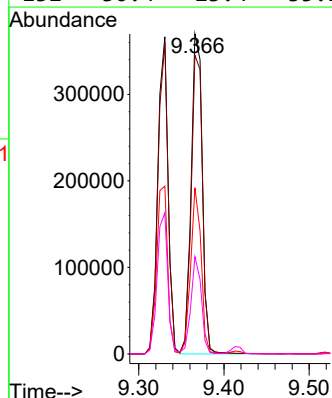
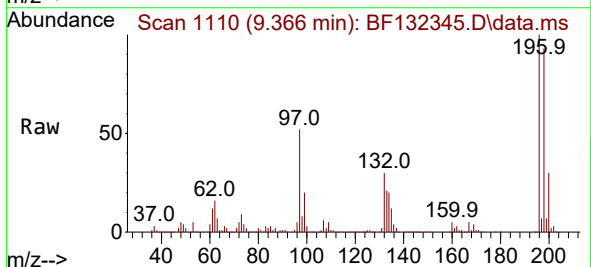
Ion Ratio Lower Upper

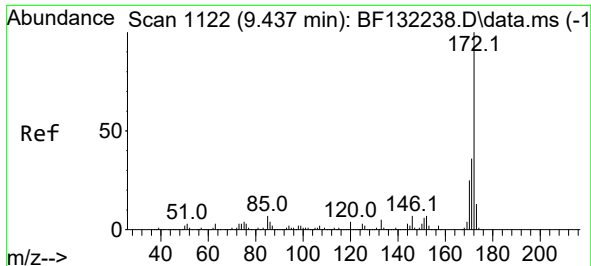
196 100

198 93.4 77.0 115.4

97 52.0 41.2 61.8

132 30.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 70.545 ng

RT: 9.413 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

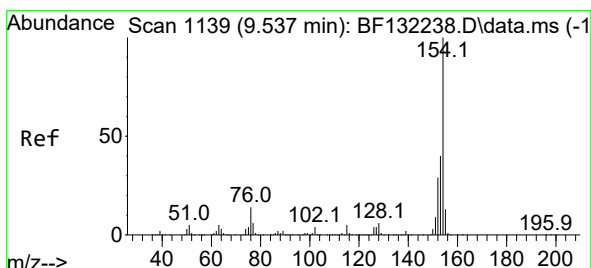
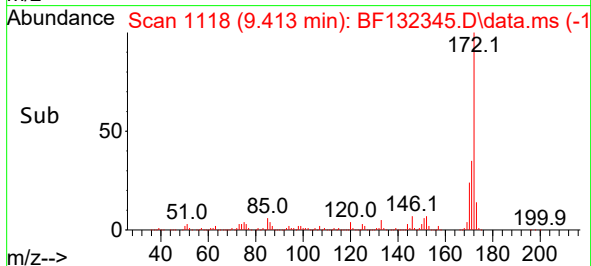
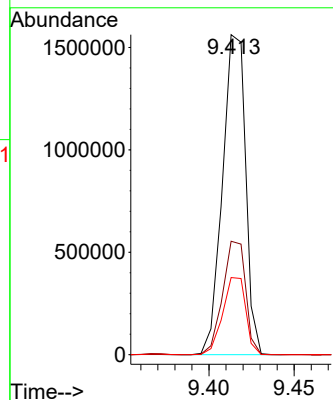
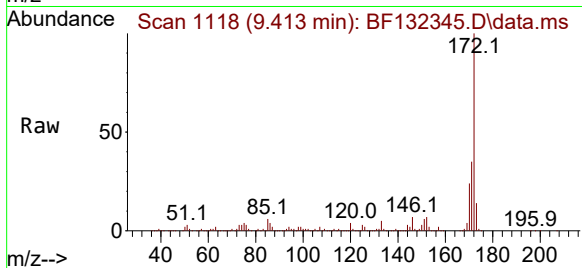
Tgt Ion:172 Resp: 1477539

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.1 19.7 29.5



#46

1,1'-Biphenyl

Concen: 45.238 ng

RT: 9.519 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

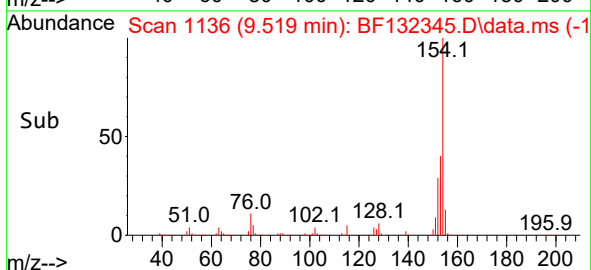
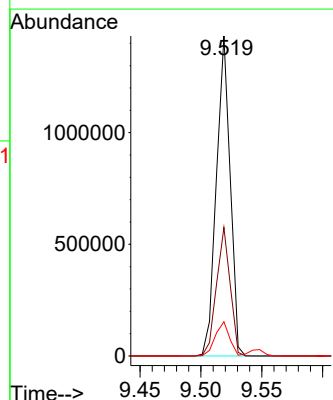
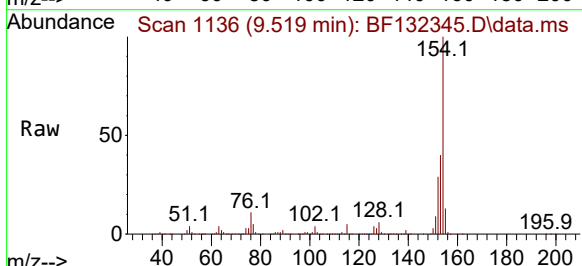
Tgt Ion:154 Resp: 1128025

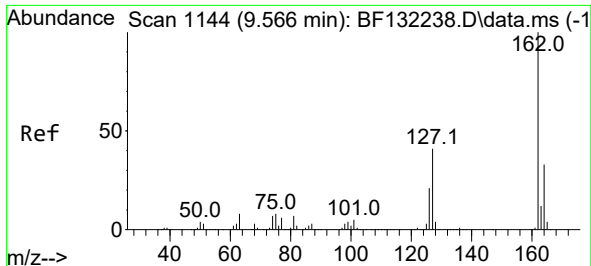
Ion Ratio Lower Upper

154 100

153 40.2 19.9 59.9

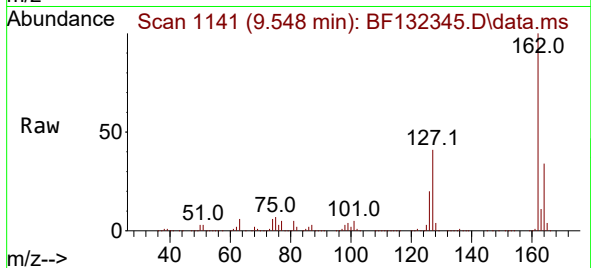
76 10.7 0.0 34.0



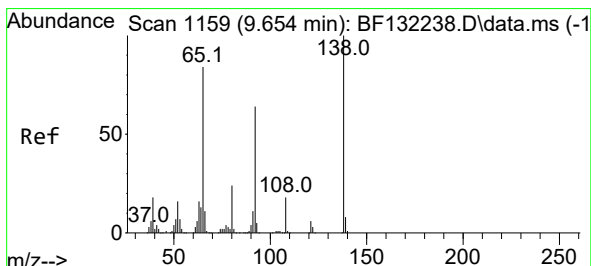
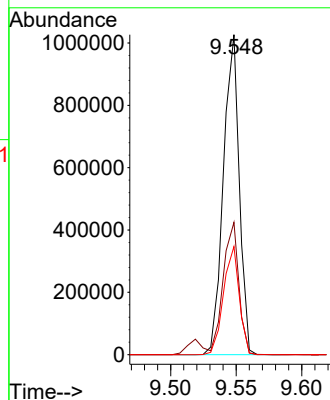
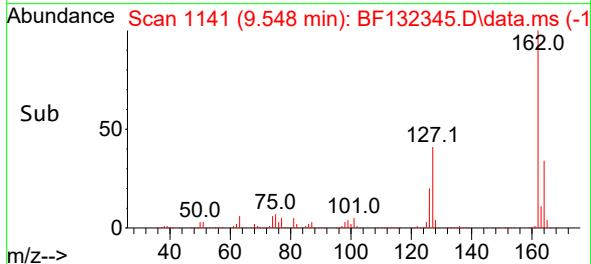


#47
2-Chloronaphthalene
Concen: 45.348 ng
RT: 9.548 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

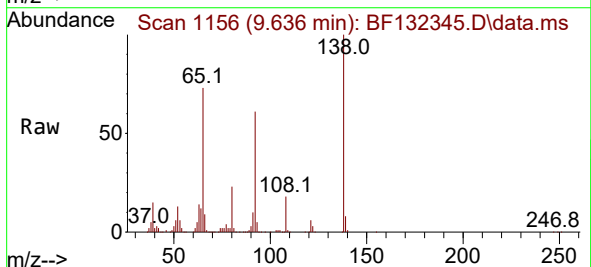
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD



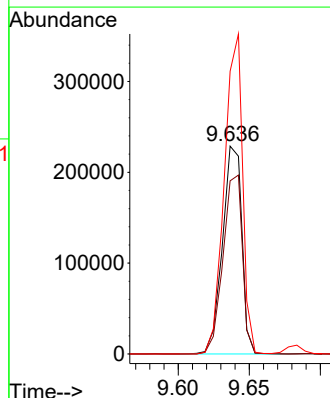
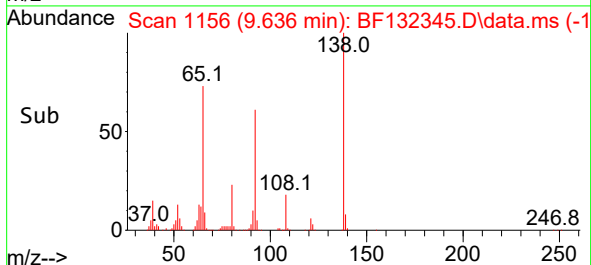
Tgt Ion:162 Resp: 861249
Ion Ratio Lower Upper
162 100
127 41.3 33.3 49.9
164 33.8 26.8 40.2

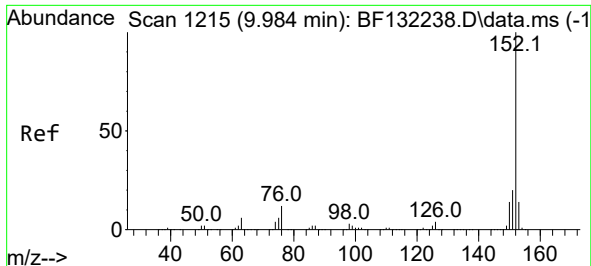


#48
2-Nitroaniline
Concen: 38.386 ng
RT: 9.636 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28



Tgt Ion: 65 Resp: 216813
Ion Ratio Lower Upper
65 100
92 83.3 61.0 91.4
138 136.1 95.0 142.4





#49

Acenaphthylene

Concen: 44.393 ng

RT: 9.966 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

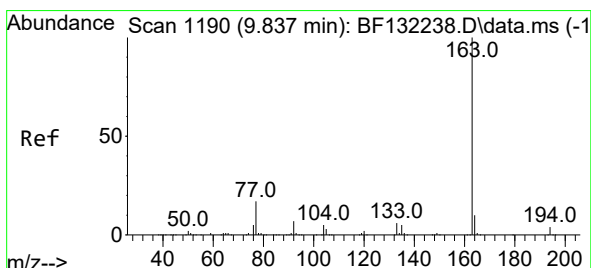
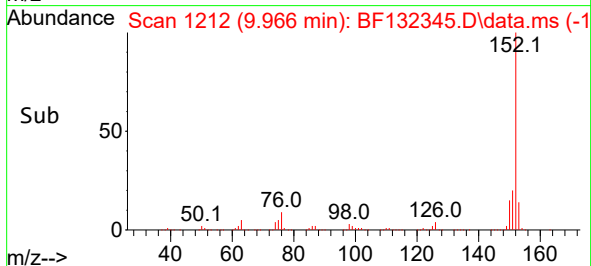
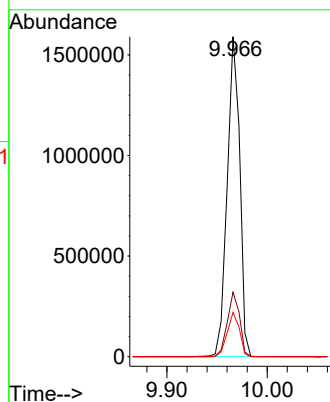
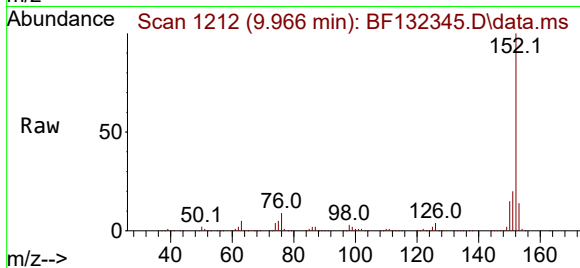
Tgt Ion:152 Resp: 1376002

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 46.331 ng

RT: 9.819 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

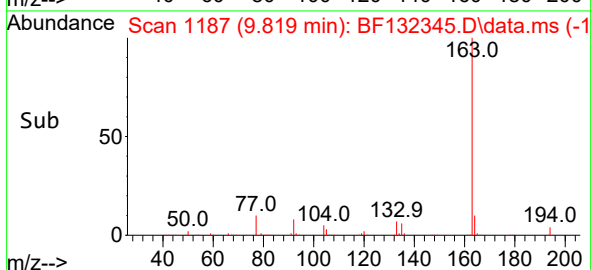
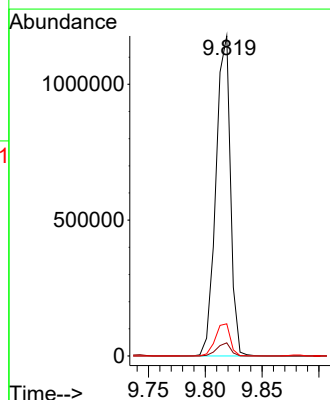
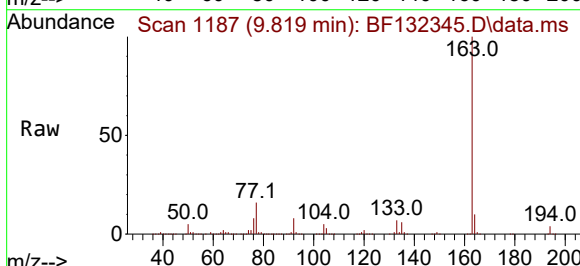
Tgt Ion:163 Resp: 1048226

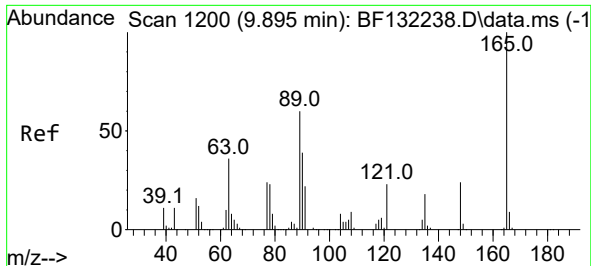
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

164 10.1 7.9 11.9

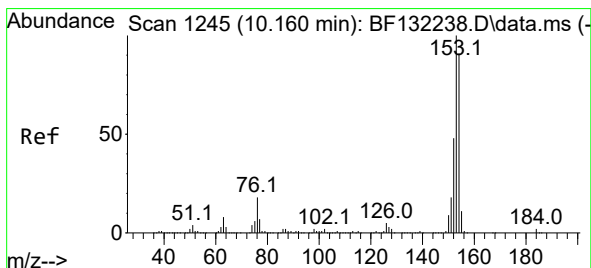
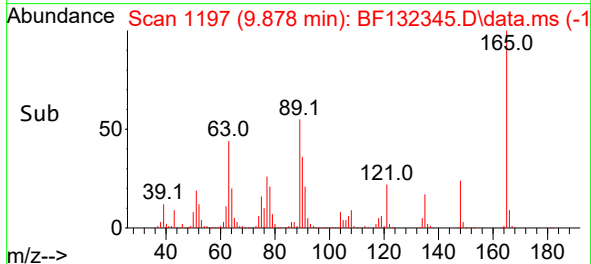
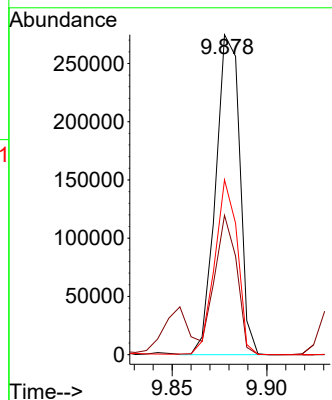
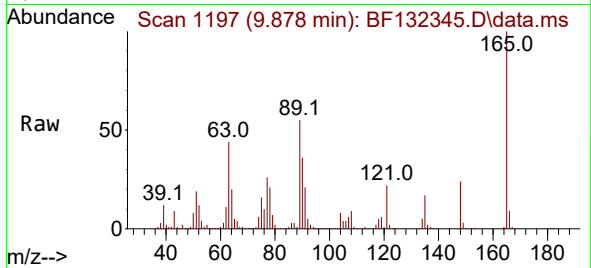




#51
2,6-Dinitrotoluene
Concen: 48.113 ng
RT: 9.878 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

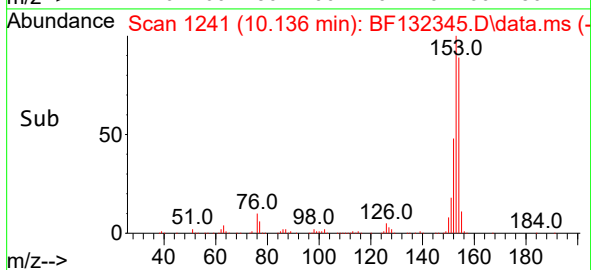
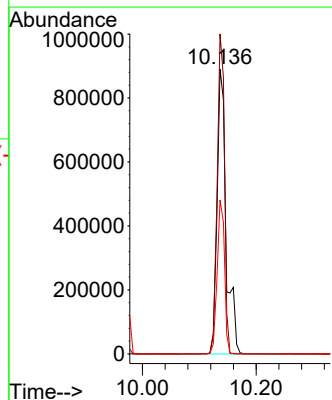
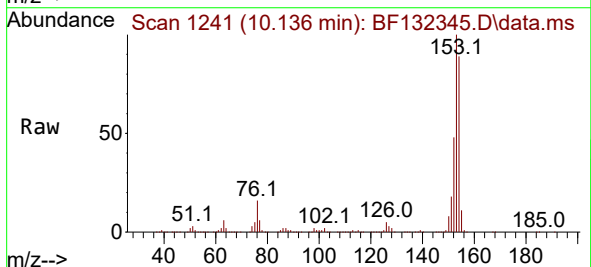
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

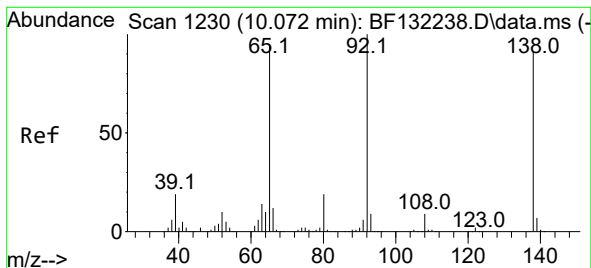
Tgt Ion:165 Resp: 243113
Ion Ratio Lower Upper
165 100
63 43.5 41.5 62.3
89 54.7 48.1 72.1



#52
Acenaphthene
Concen: 50.807 ng
RT: 10.136 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:154 Resp: 985936
Ion Ratio Lower Upper
154 100
153 112.4 88.3 132.5
152 54.0 42.7 64.1

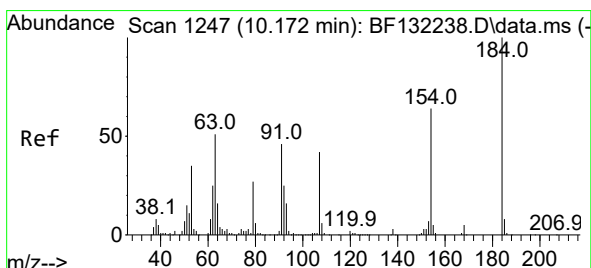
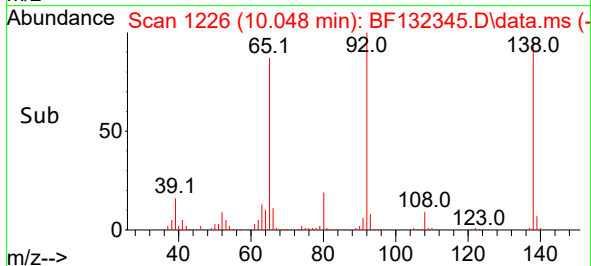
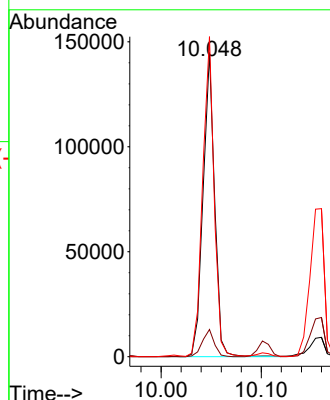
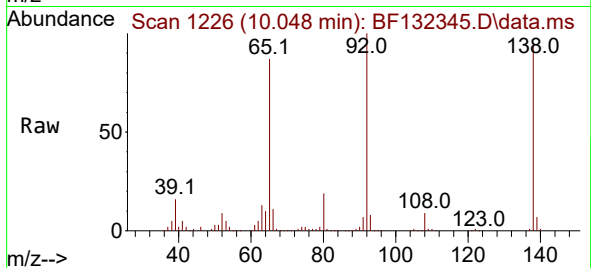




#53
3-Nitroaniline
Concen: 18.946 ng
RT: 10.048 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

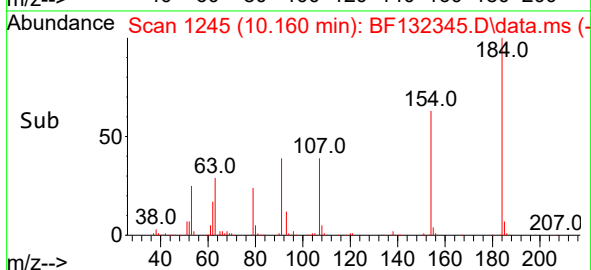
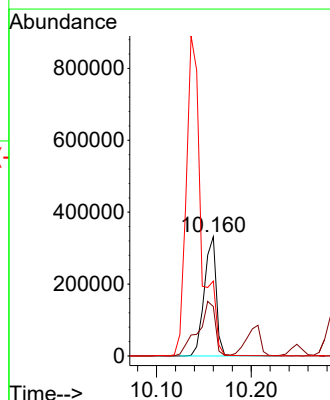
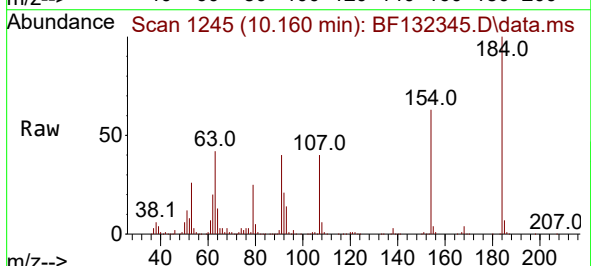
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

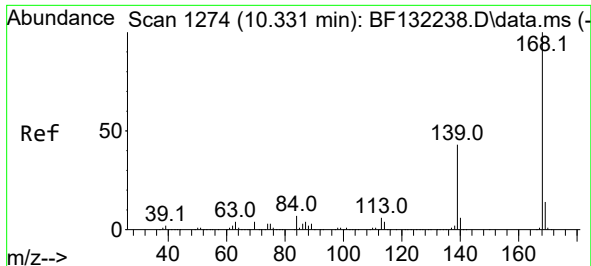
Tgt Ion:138 Resp: 116095
Ion Ratio Lower Upper
138 100
108 9.0 7.6 11.4
92 105.3 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 99.622 ng
RT: 10.160 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:184 Resp: 295082
Ion Ratio Lower Upper
184 100
63 41.5 41.6 62.4#
154 62.8 57.0 85.6

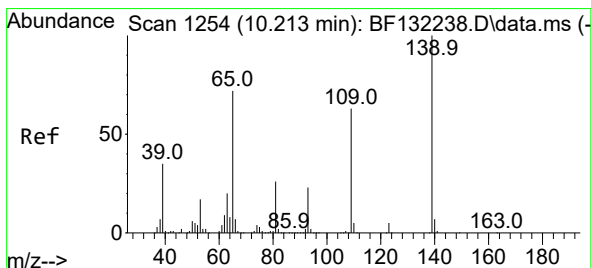
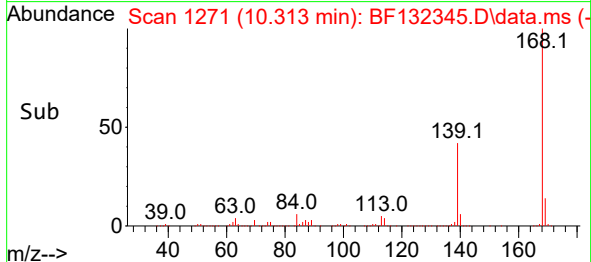
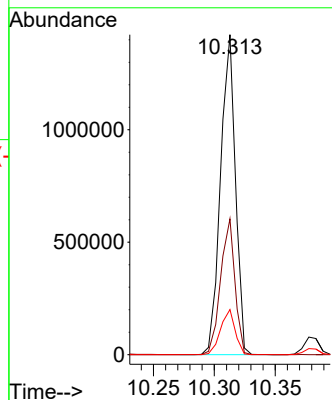
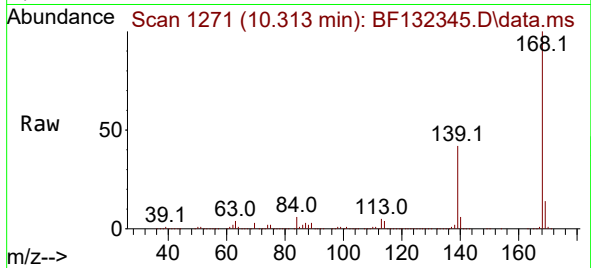




#55
Dibenzenofuran
Concen: 44.571 ng
RT: 10.313 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

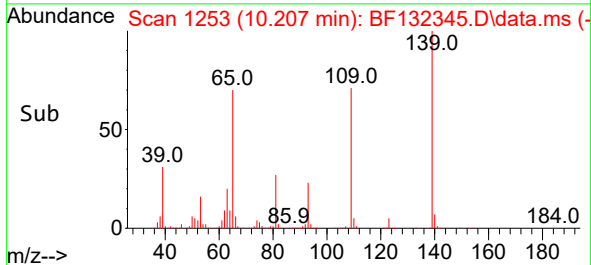
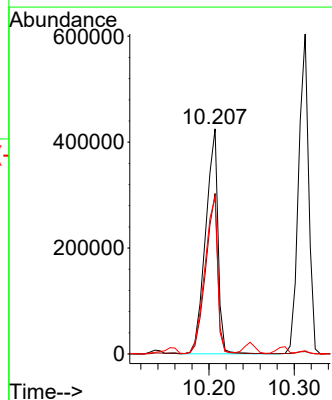
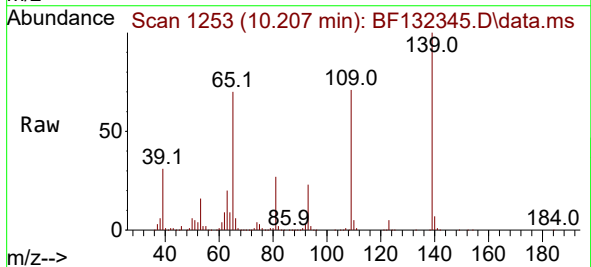
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

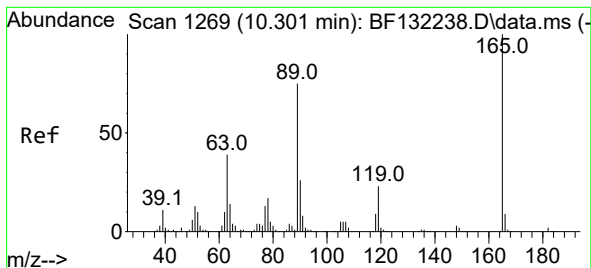
Tgt Ion:168 Resp: 1215235
Ion Ratio Lower Upper
168 100
139 42.5 34.2 51.4
169 14.1 11.2 16.8



#56
4-Nitrophenol
Concen: 92.782 ng
RT: 10.207 min Scan# 1253
Delta R.T. 0.012 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:139 Resp: 427830
Ion Ratio Lower Upper
139 100
109 71.3 43.3 83.3
65 69.7 52.3 92.3

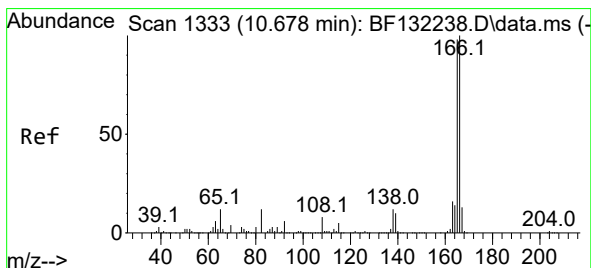
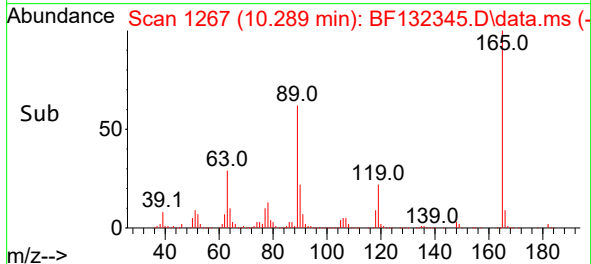
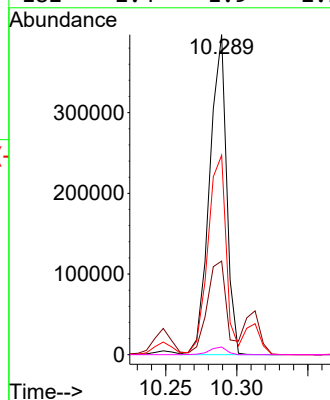
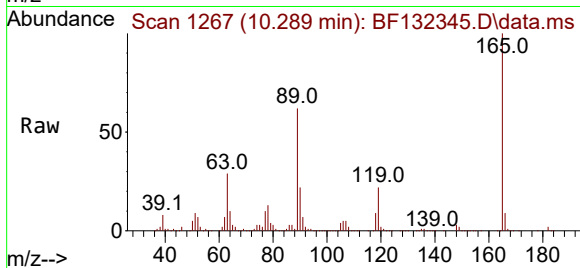




#57
2,4-Dinitrotoluene
Concen: 50.170 ng
RT: 10.289 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

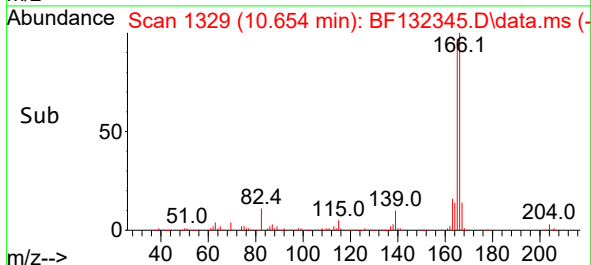
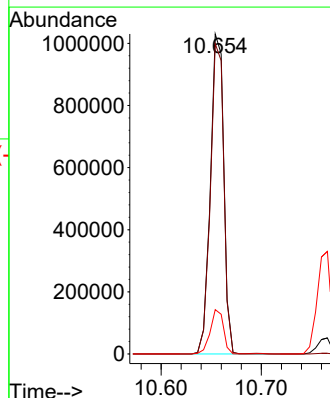
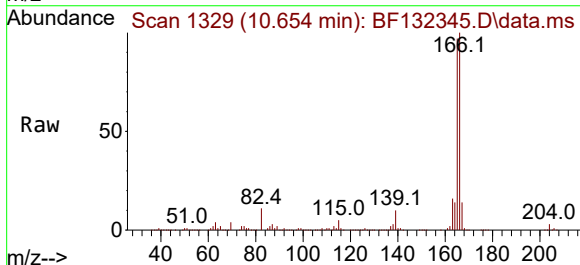
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

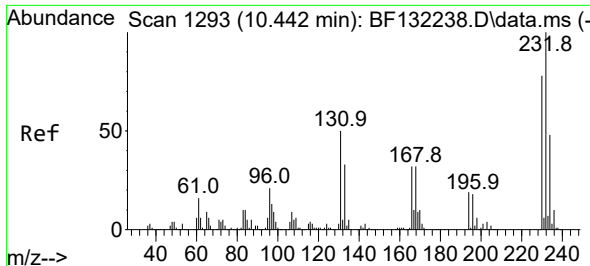
Tgt Ion:165 Resp: 329304
Ion Ratio Lower Upper
165 100
63 29.2 30.9 46.3#
89 62.3 60.1 90.1
182 2.4 1.9 2.9



#58
Fluorene
Concen: 45.621 ng
RT: 10.654 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:166 Resp: 957293
Ion Ratio Lower Upper
166 100
165 96.9 78.0 117.0
167 13.8 10.8 16.2

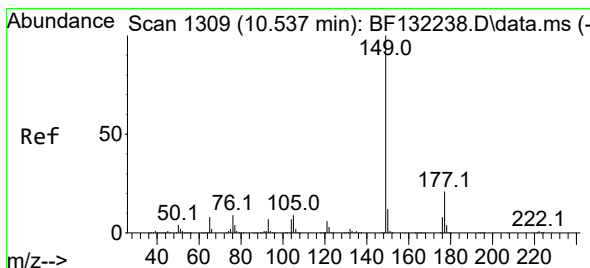
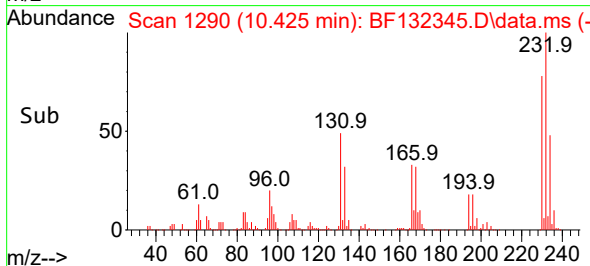
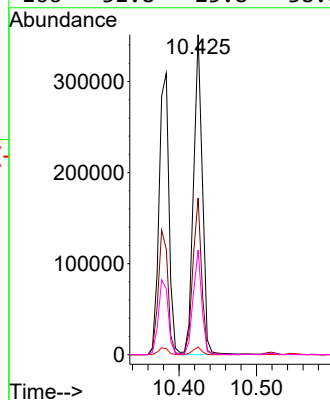
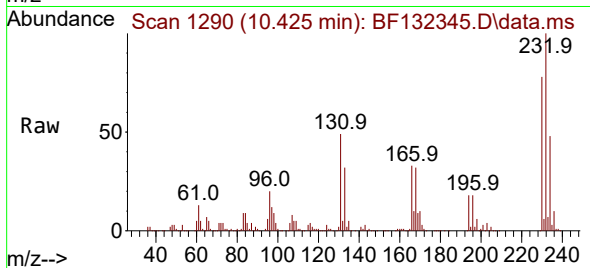




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.834 ng
RT: 10.425 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

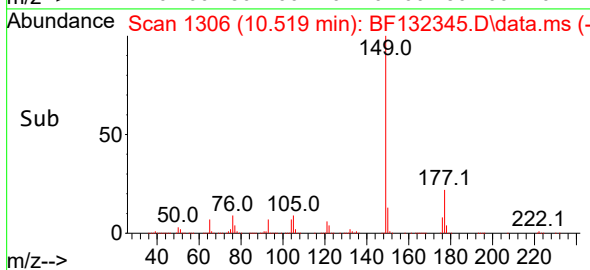
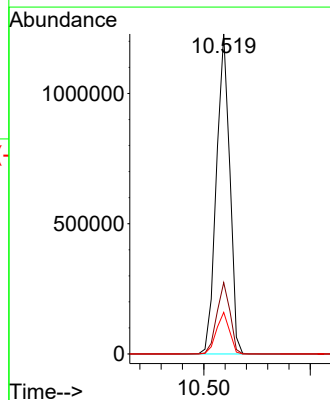
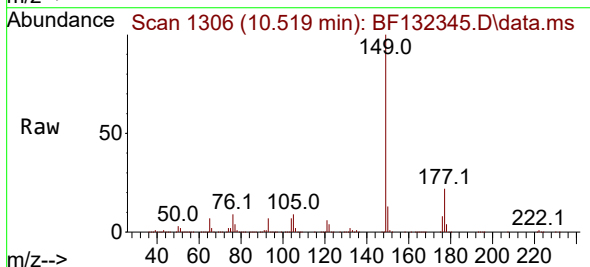
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

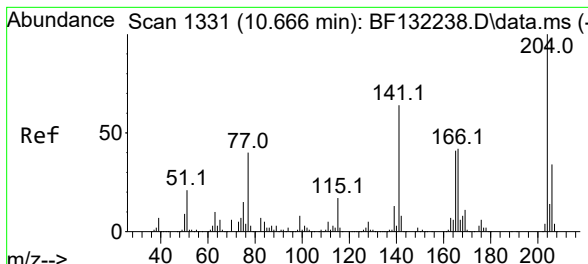
Tgt Ion:232 Resp: 277524
Ion Ratio Lower Upper
232 100
131 48.3 40.6 61.0
130 2.3 1.9 2.9
166 31.8 25.8 38.8



#60
Diethylphthalate
Concen: 47.447 ng
RT: 10.519 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:149 Resp: 1067894
Ion Ratio Lower Upper
149 100
177 22.3 17.1 25.7
150 13.0 9.9 14.9

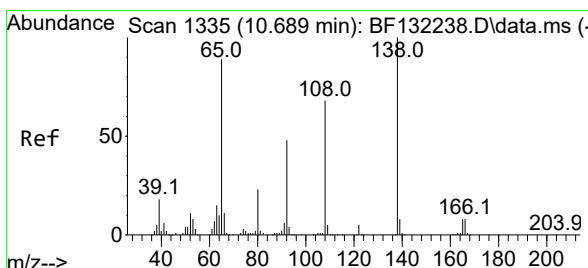
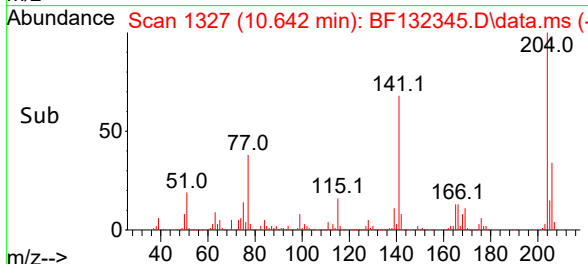
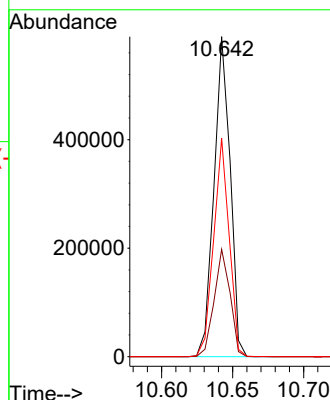
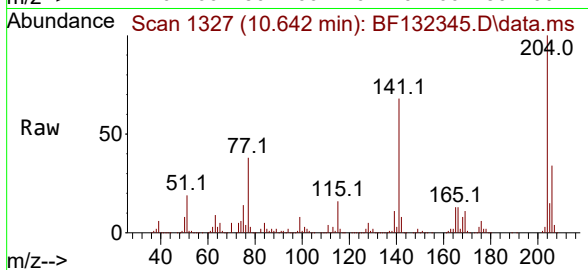




#61
4-Chlorophenyl-phenylether
Concen: 46.722 ng
RT: 10.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

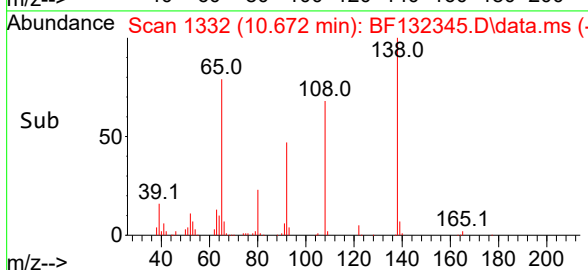
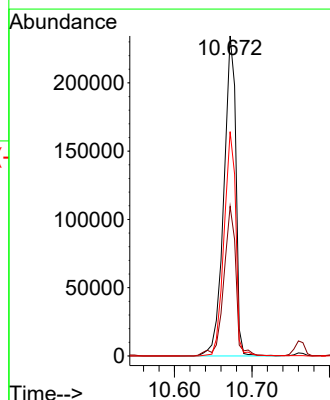
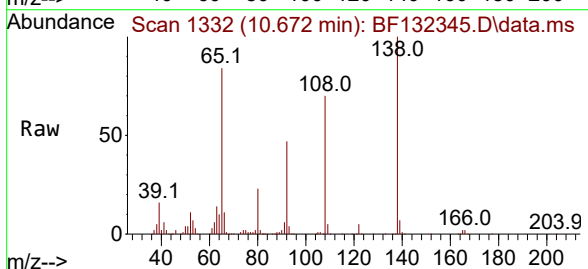
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

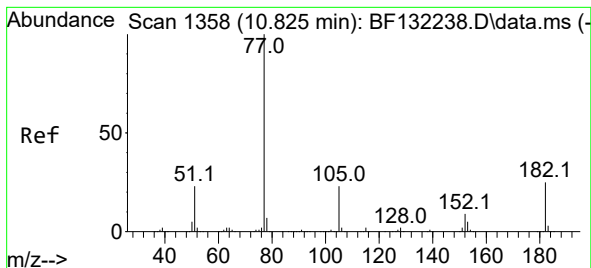
Tgt Ion:204 Resp: 465270
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 68.3 51.4 77.0



#62
4-Nitroaniline
Concen: 43.107 ng
RT: 10.672 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:138 Resp: 253302
Ion Ratio Lower Upper
138 100
92 46.8 27.7 67.7
108 70.1 48.5 88.5





#63

Azobenzene

Concen: 49.742 ng

RT: 10.807 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

Tgt Ion: 77 Resp: 1090522

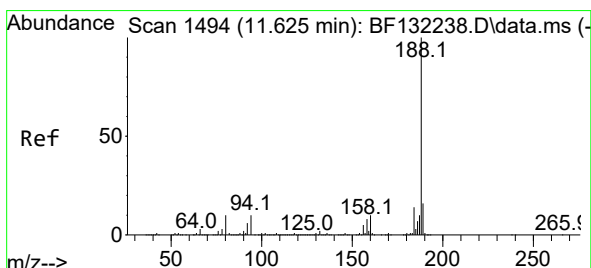
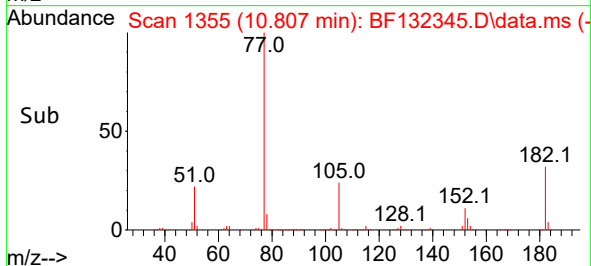
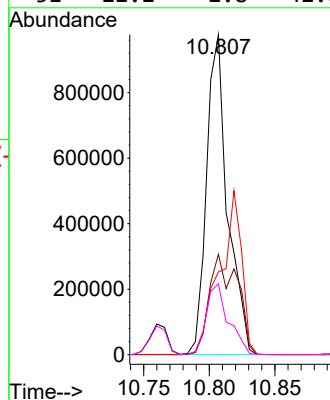
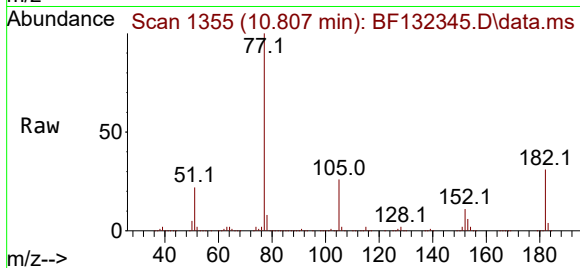
Ion Ratio Lower Upper

77 100

182 31.4 4.5 44.5

105 25.8 2.7 42.7

51 22.2 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.601 min Scan# 1490

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

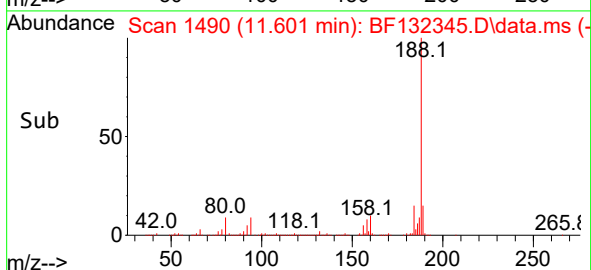
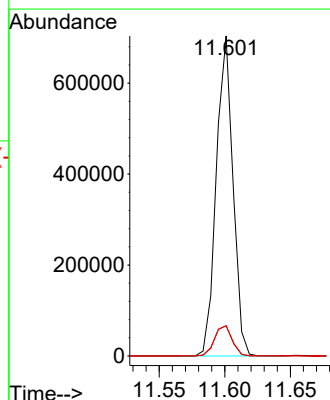
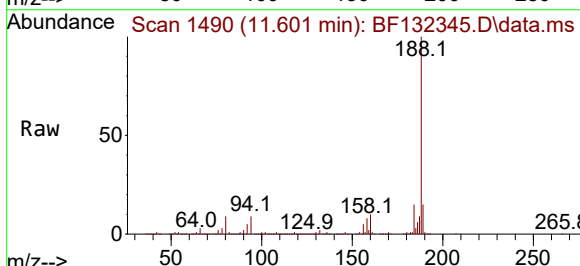
Tgt Ion:188 Resp: 621496

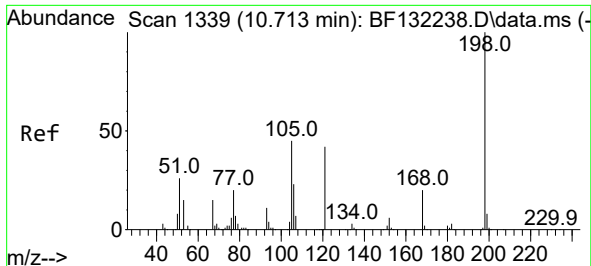
Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

80 9.5 8.3 12.5

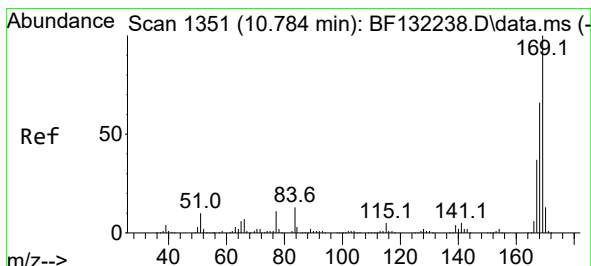
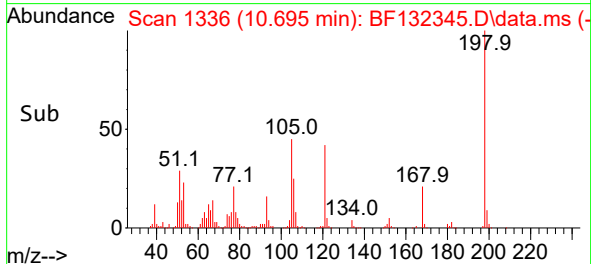
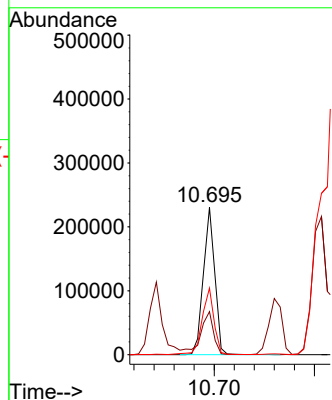
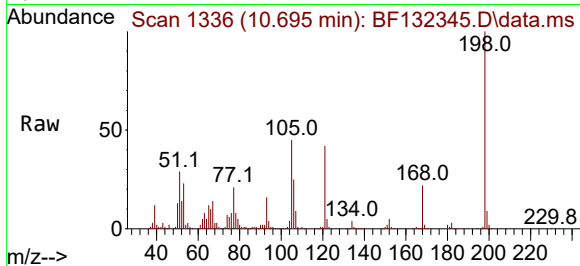




#65
4,6-Dinitro-2-methylphenol
Concen: 52.003 ng
RT: 10.695 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

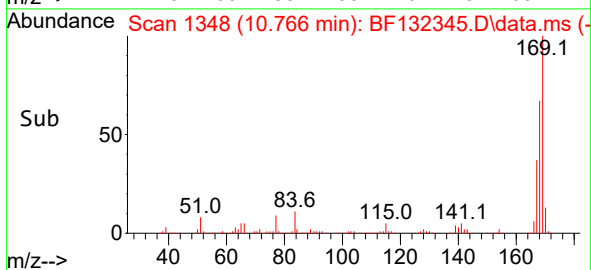
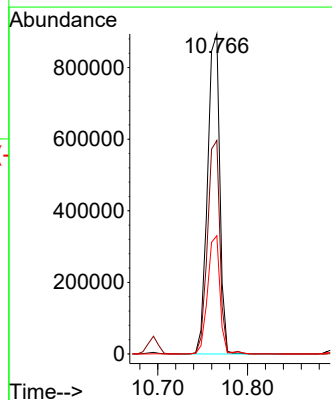
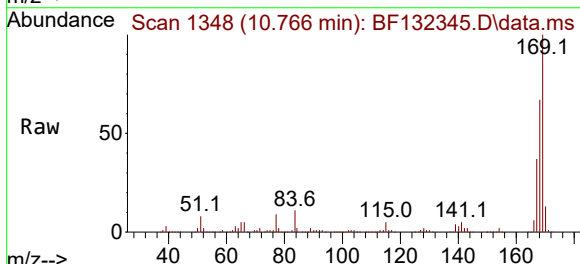
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

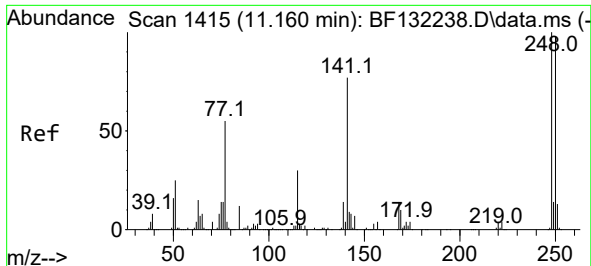
Tgt Ion:198 Resp: 183433
Ion Ratio Lower Upper
198 100
51 29.2 13.1 53.1
105 45.2 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 43.469 ng
RT: 10.766 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:169 Resp: 845966
Ion Ratio Lower Upper
169 100
168 66.7 52.6 79.0
167 37.0 29.5 44.3

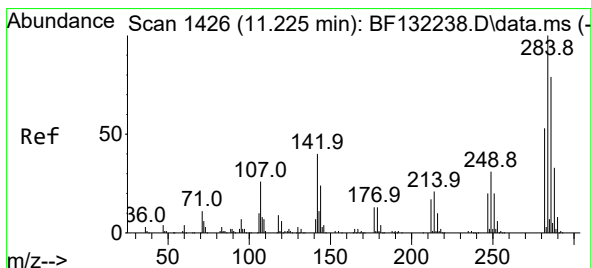
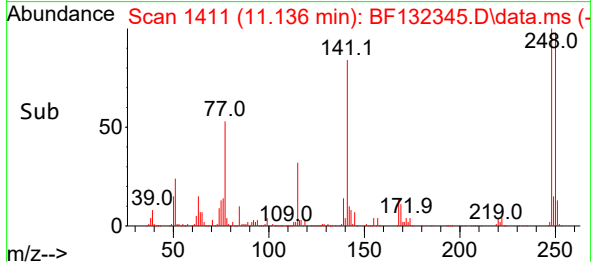
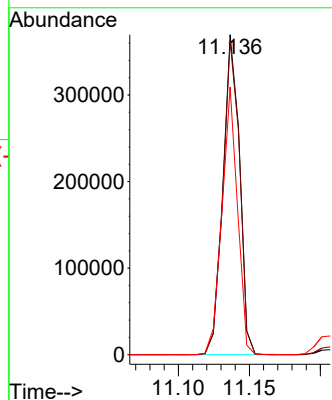
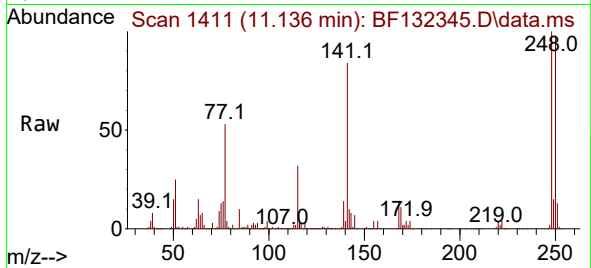




#67
4-Bromophenyl-phenylether
Concen: 47.306 ng
RT: 11.136 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

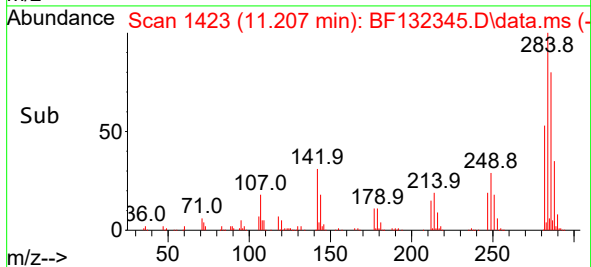
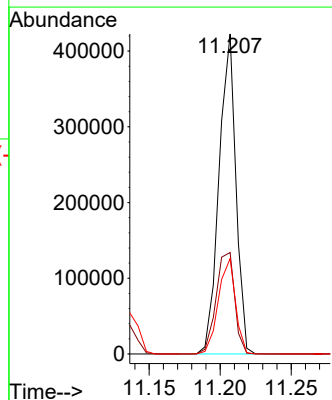
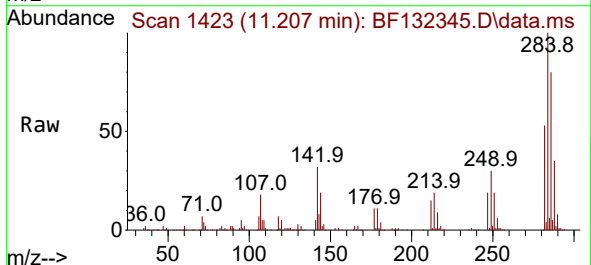
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

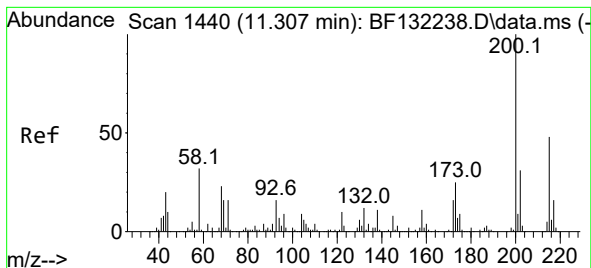
Tgt Ion:248 Resp: 301056
Ion Ratio Lower Upper
248 100
250 98.0 78.6 117.8
141 83.6 61.6 92.4



#68
Hexachlorobenzene
Concen: 51.130 ng
RT: 11.207 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:284 Resp: 347797
Ion Ratio Lower Upper
284 100
142 31.7 32.2 48.4#
249 29.8 25.0 37.6





#69

Atrazine

Concen: 53.827 ng

RT: 11.289 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

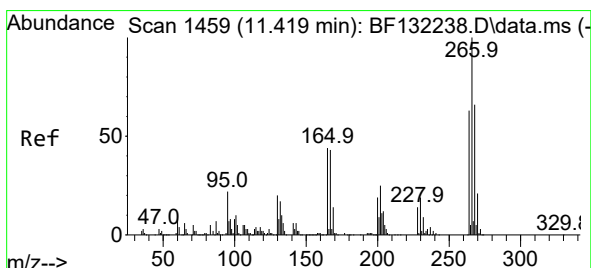
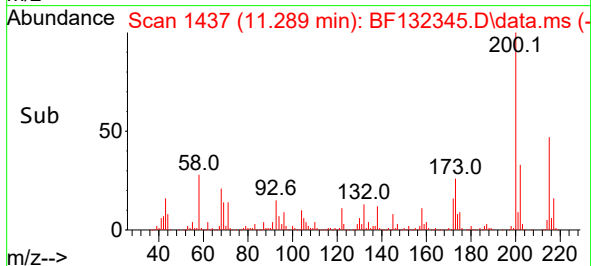
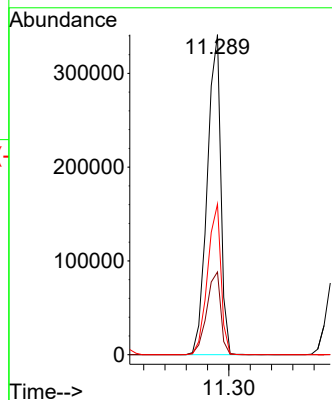
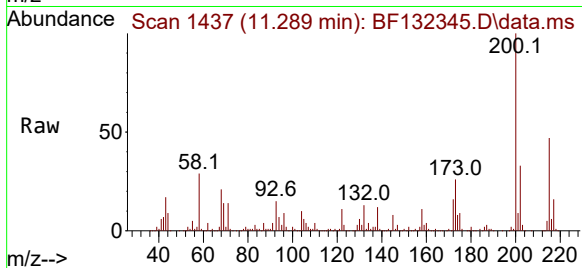
Tgt Ion:200 Resp: 301307

Ion Ratio Lower Upper

200 100

173 25.9 5.1 45.1

215 47.1 27.6 67.6



#70

Pentachlorophenol

Concen: 84.288 ng

RT: 11.401 min Scan# 1456

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

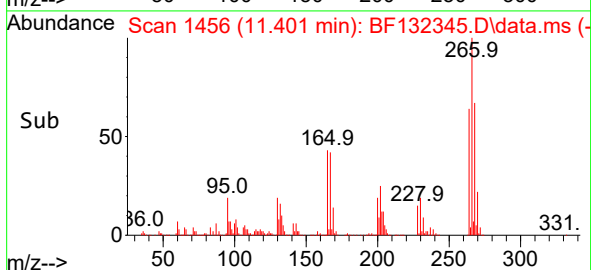
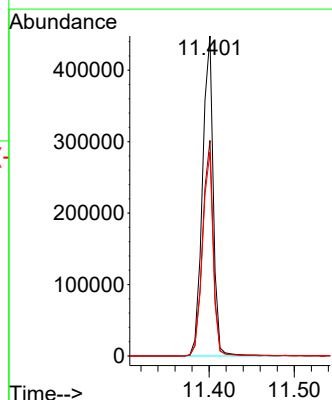
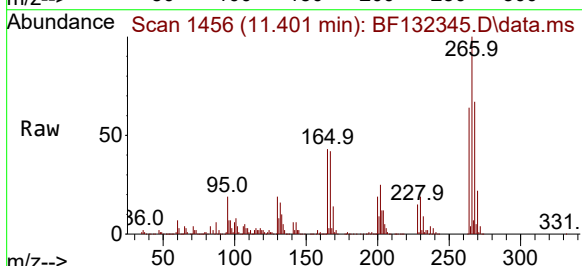
Tgt Ion:266 Resp: 393939

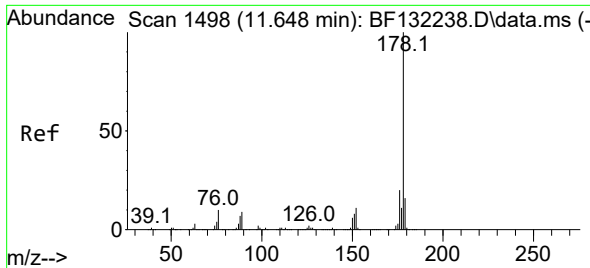
Ion Ratio Lower Upper

266 100

268 67.3 53.0 79.4

264 63.8 50.5 75.7

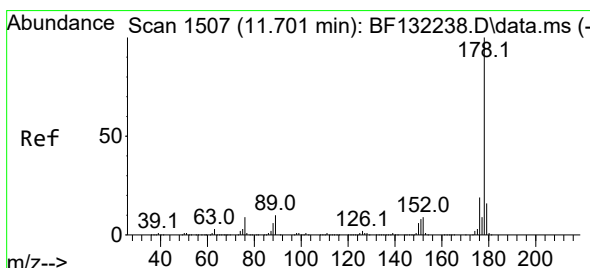
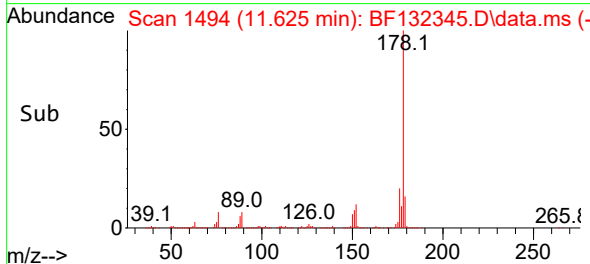
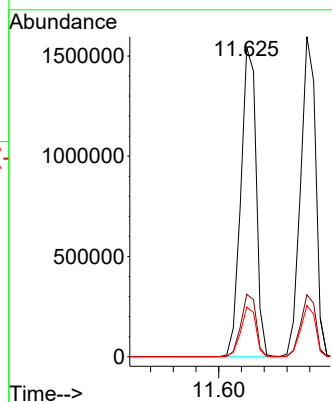
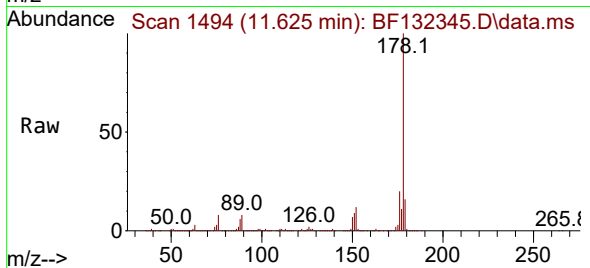




#71
Phenanthrene
Concen: 44.600 ng
RT: 11.625 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

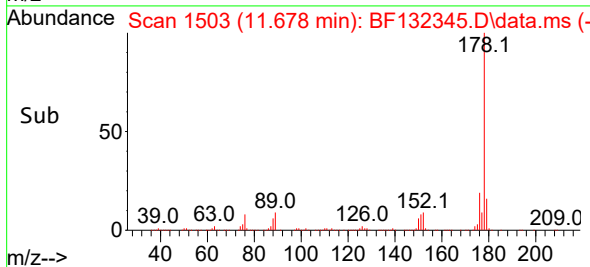
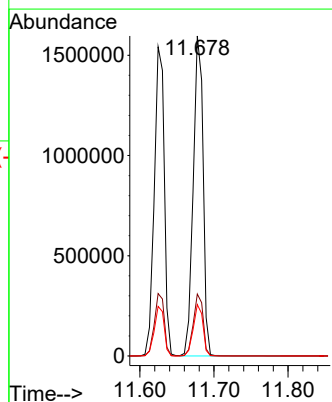
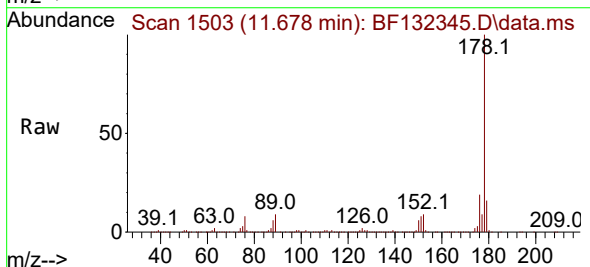
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

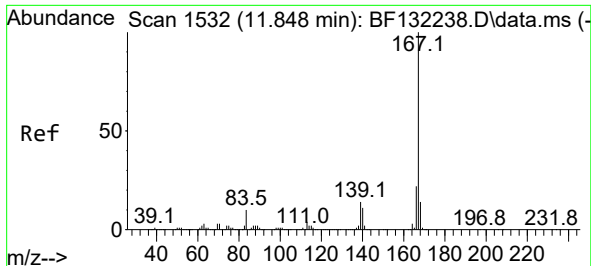
Tgt Ion:178 Resp: 1448459
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.0 12.8 19.2



#72
Anthracene
Concen: 44.703 ng
RT: 11.678 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:178 Resp: 1477486
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.1 12.8 19.2

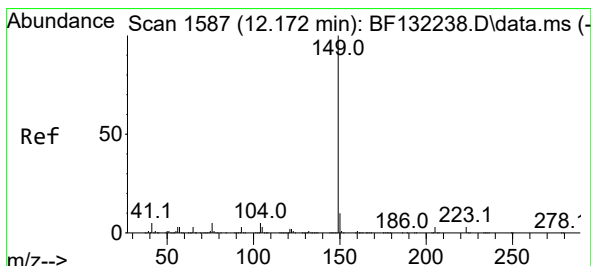
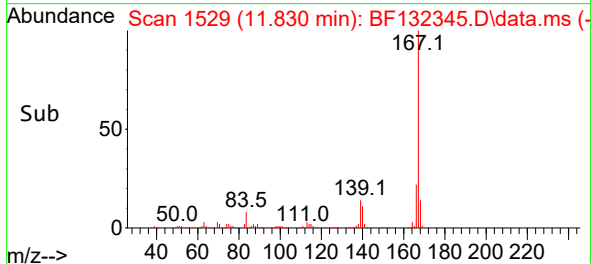
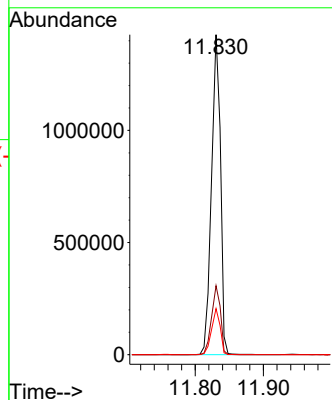
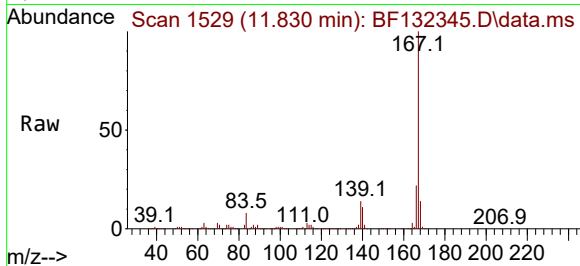




#73
 Carbazole
 Concen: 44.152 ng
 RT: 11.830 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: BF132345.D
 Acq: 07 Feb 2023 15:28

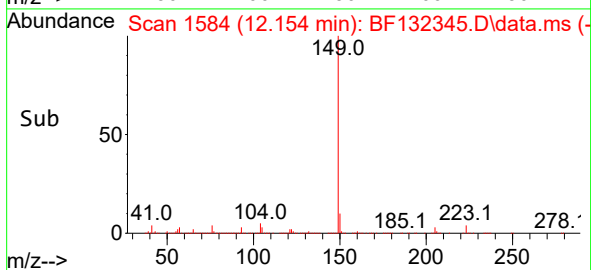
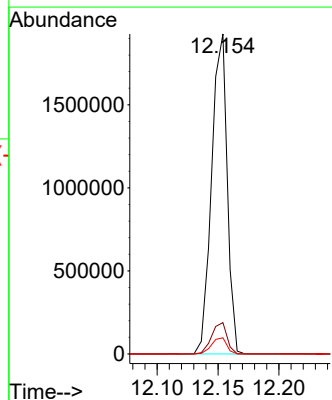
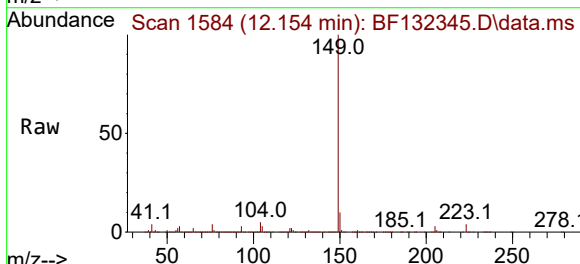
Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB02MSD

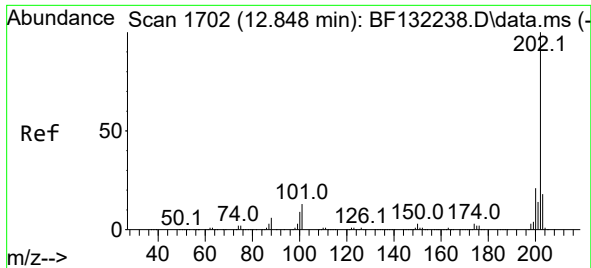
Tgt Ion:167 Resp: 1308452
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 14.4 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 48.770 ng
 RT: 12.154 min Scan# 1584
 Delta R.T. 0.000 min
 Lab File: BF132345.D
 Acq: 07 Feb 2023 15:28

Tgt Ion:149 Resp: 1708693
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.1 4.3 6.5

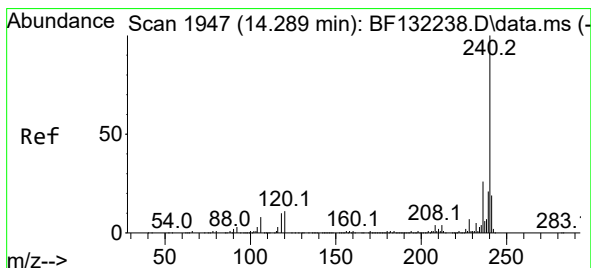
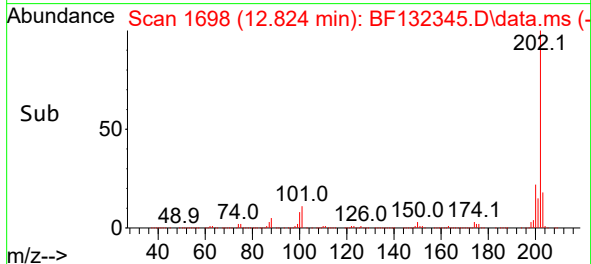
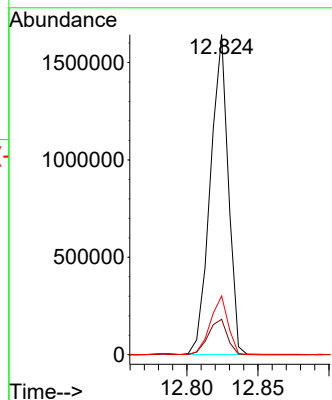
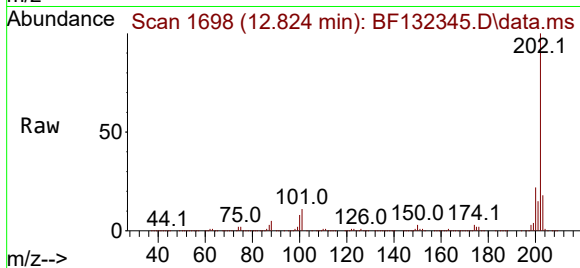




#75
Fluoranthene
Concen: 43.562 ng
RT: 12.824 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

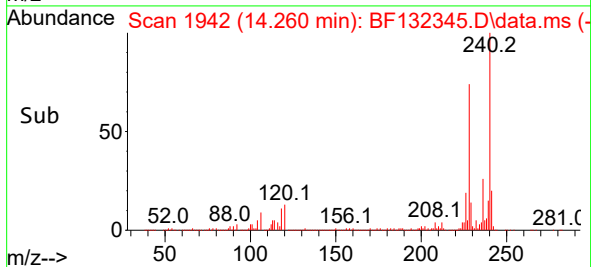
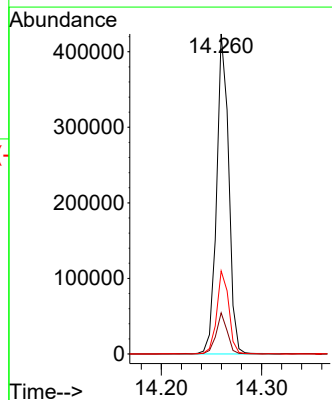
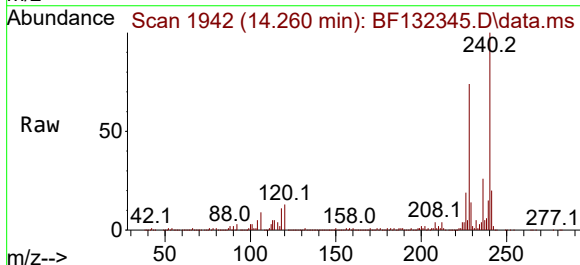
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

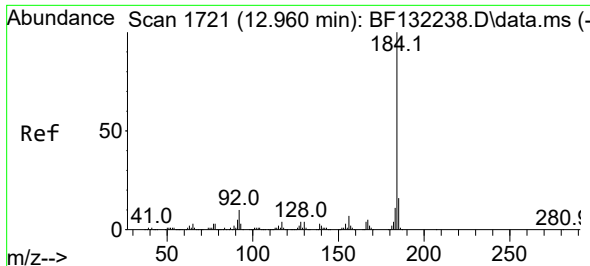
Tgt Ion:202 Resp: 1443719
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.7
203 18.3 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:240 Resp: 354250
Ion Ratio Lower Upper
240 100
120 12.9 8.8 13.2
236 25.9 21.0 31.6

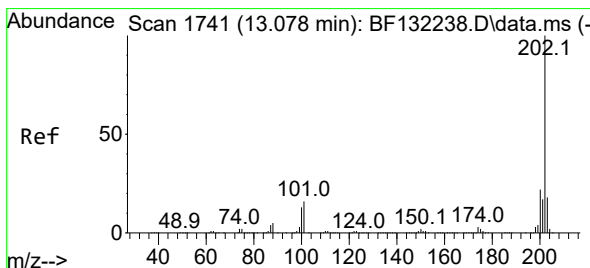
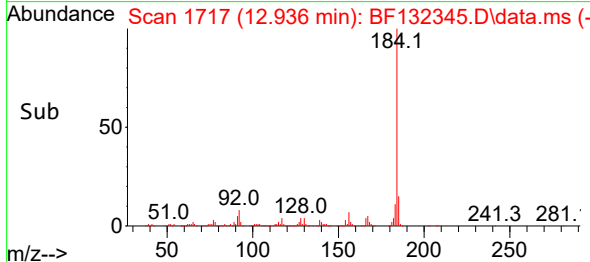
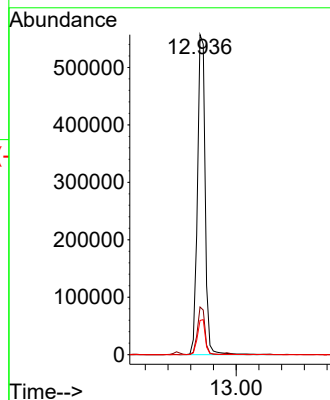
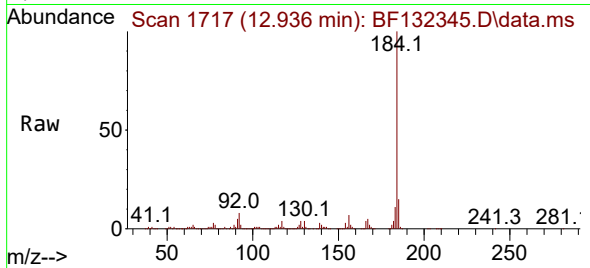




#77
Benzidine
Concen: 42.837 ng
RT: 12.936 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

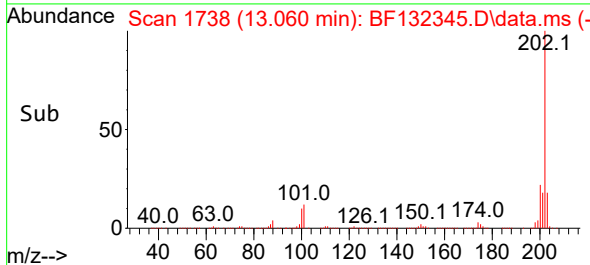
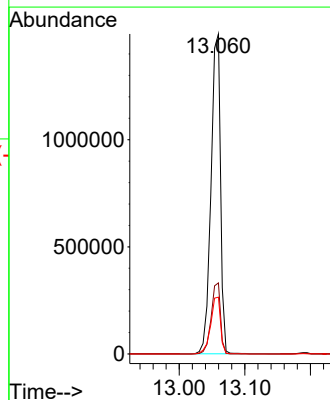
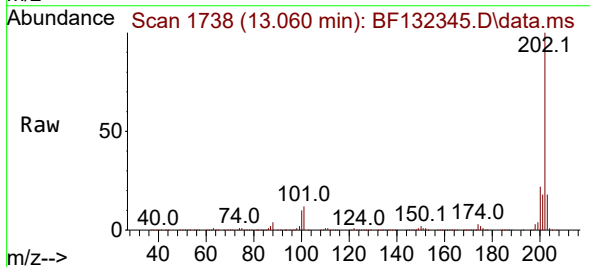
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

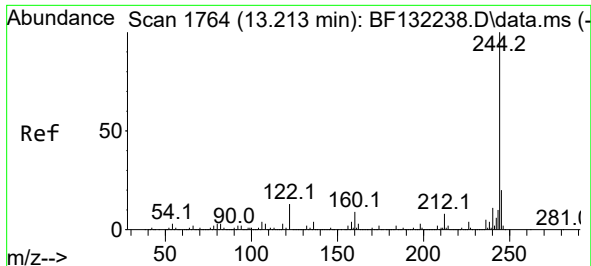
Tgt Ion:184 Resp: 530532
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 10.7 8.9 13.3



#78
Pyrene
Concen: 52.989 ng
RT: 13.060 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:202 Resp: 1509785
Ion Ratio Lower Upper
202 100
200 22.2 17.3 25.9
203 17.8 14.4 21.6

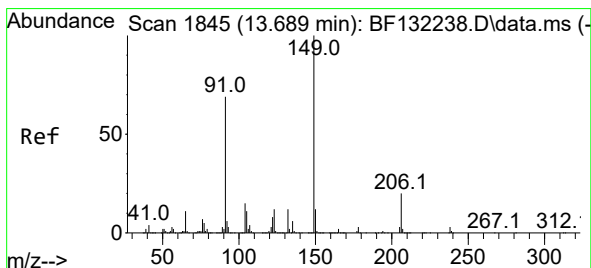
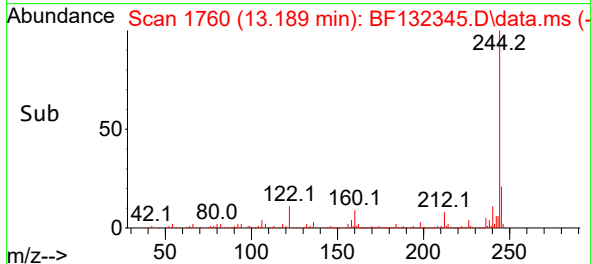
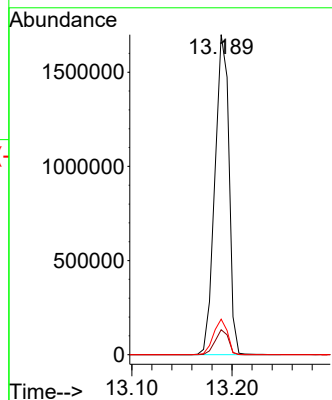
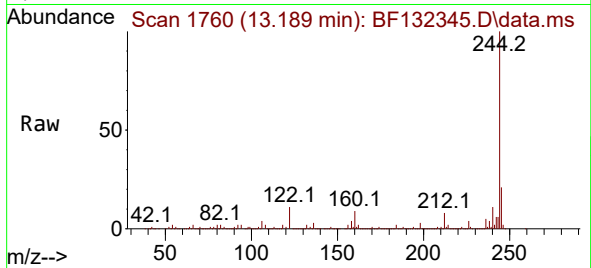




#79
 Terphenyl-d14
 Concen: 90.505 ng
 RT: 13.189 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132345.D
 Acq: 07 Feb 2023 15:28

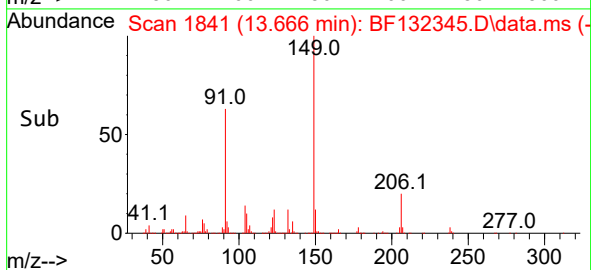
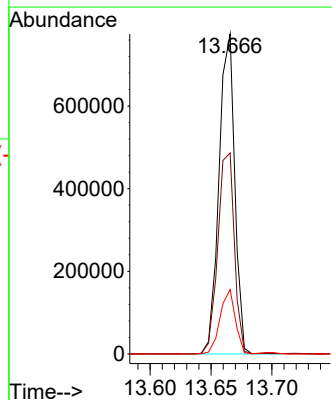
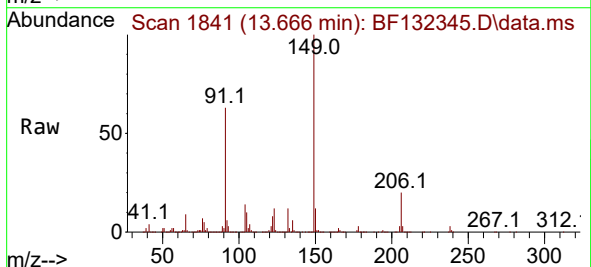
Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB02MSD

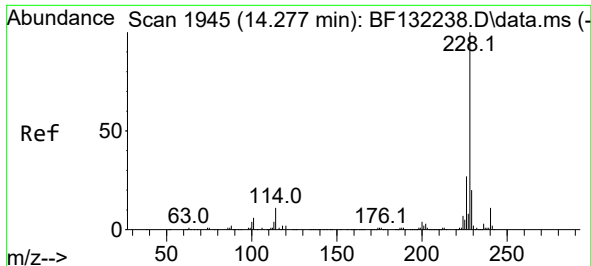
Tgt Ion:244 Resp: 1657419
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 11.1 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 55.537 ng
 RT: 13.666 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF132345.D
 Acq: 07 Feb 2023 15:28

Tgt Ion:149 Resp: 699126
 Ion Ratio Lower Upper
 149 100
 91 62.8 55.0 82.6
 206 20.2 15.9 23.9

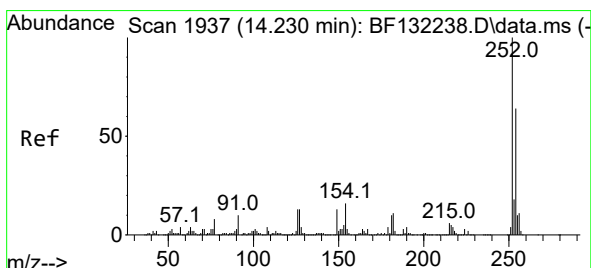
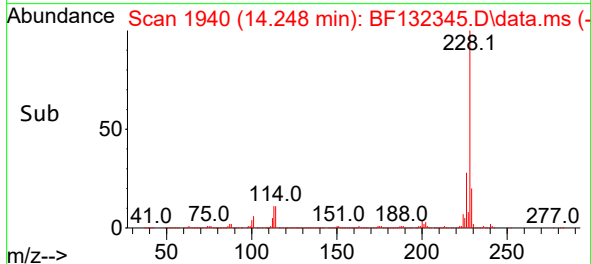
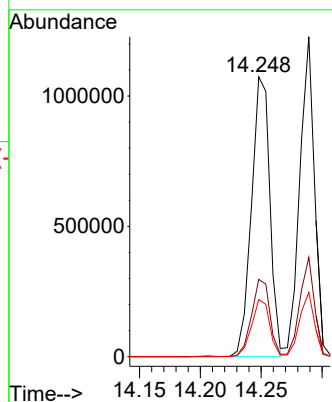
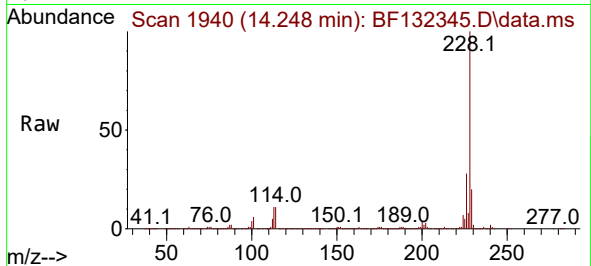




#81
Benzo(a)anthracene
Concen: 45.690 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

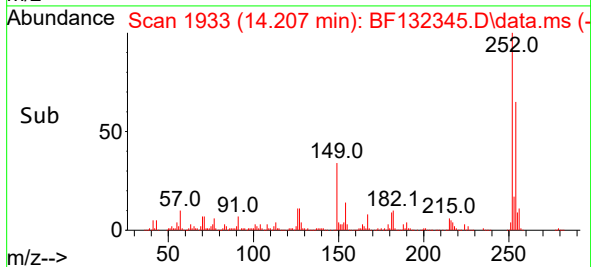
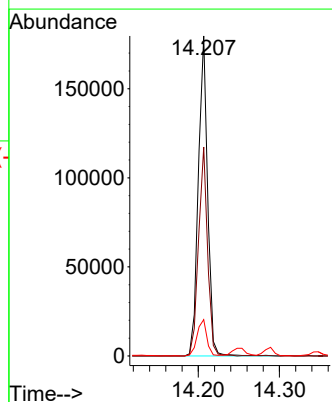
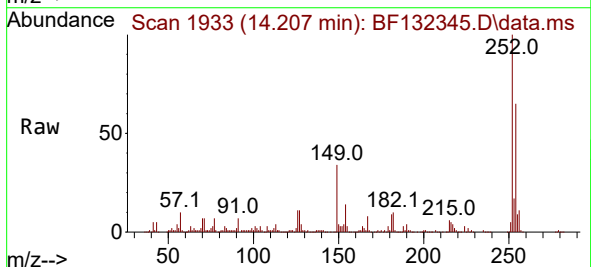
Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

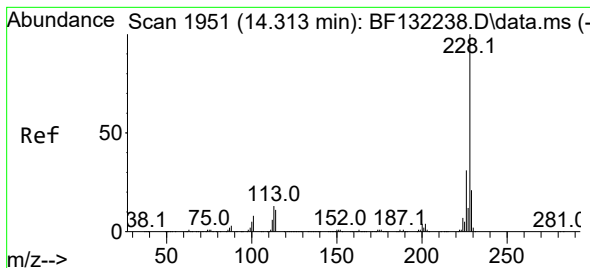
Tgt Ion:228 Resp: 1132040
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 20.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 18.209 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132345.D
Acq: 07 Feb 2023 15:28

Tgt Ion:252 Resp: 143696
Ion Ratio Lower Upper
252 100
254 65.3 51.6 77.4
126 11.4 10.5 15.7





#83

Chrysene

Concen: 44.465 ng

RT: 14.289 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

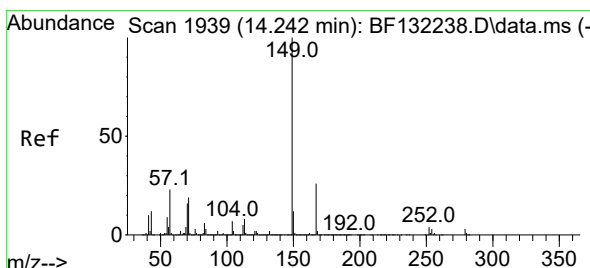
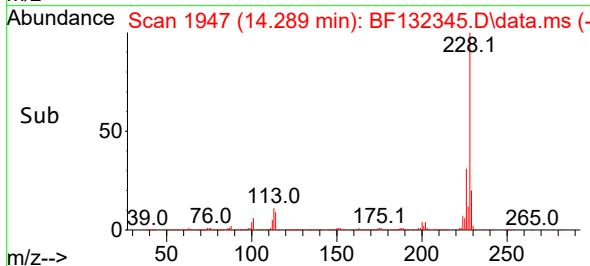
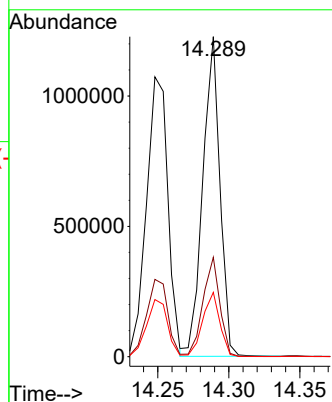
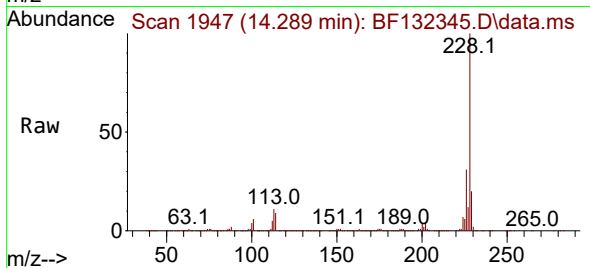
Tgt Ion:228 Resp: 1031607

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 20.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.378 ng

RT: 14.219 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

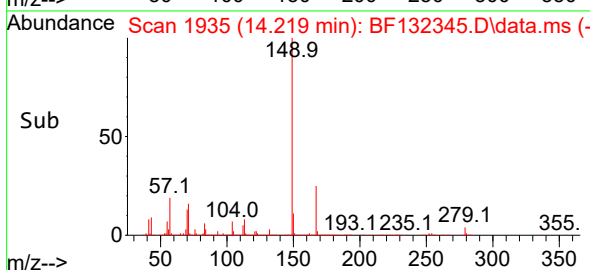
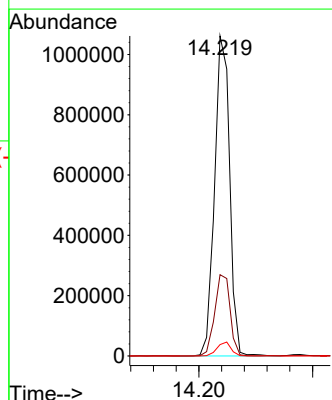
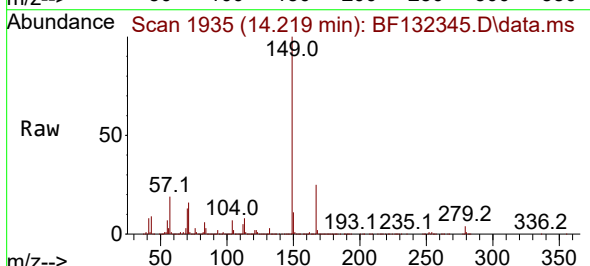
Tgt Ion:149 Resp: 976305

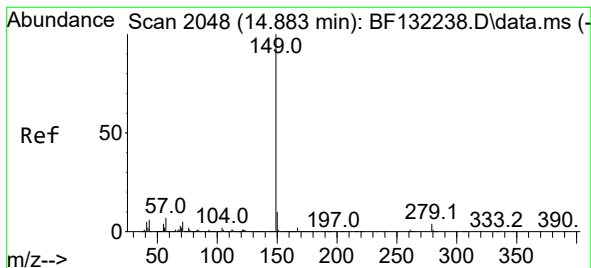
Ion Ratio Lower Upper

149 100

167 25.4 20.7 31.1

279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 50.085 ng

RT: 14.854 min Scan# 2043

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

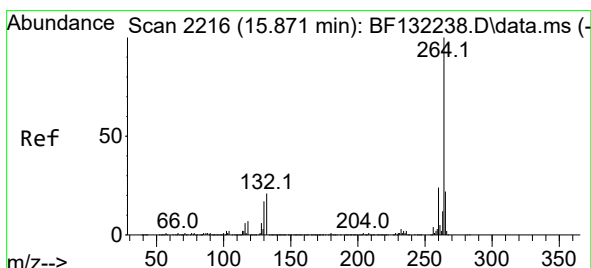
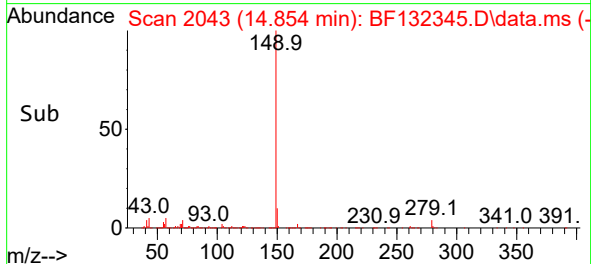
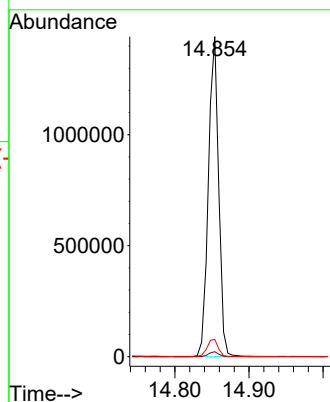
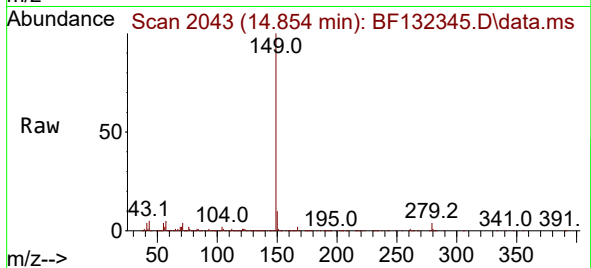
Tgt Ion:149 Resp: 1390024

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 5.7 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.836 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

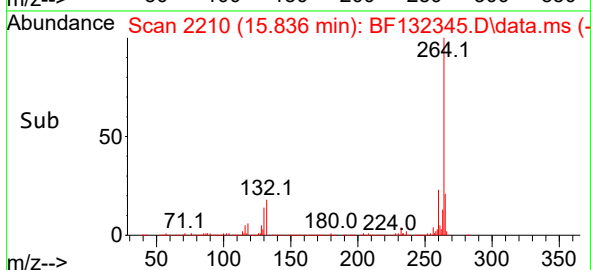
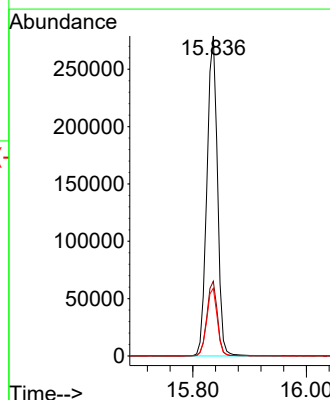
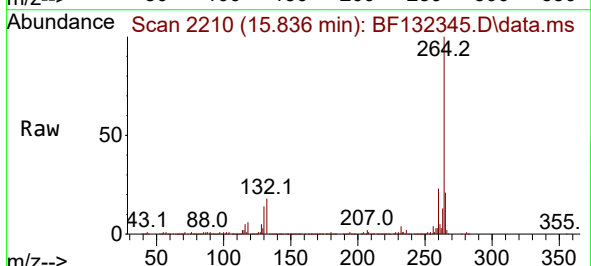
Tgt Ion:264 Resp: 357566

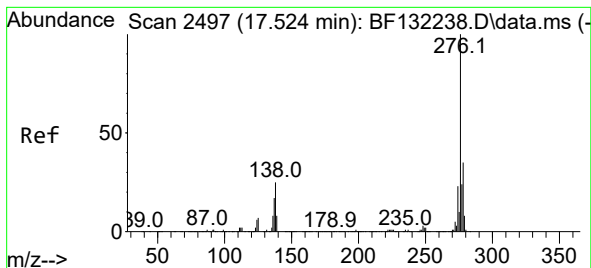
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.079 ng

RT: 17.471 min Scan# 2497

Delta R.T. -0.006 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

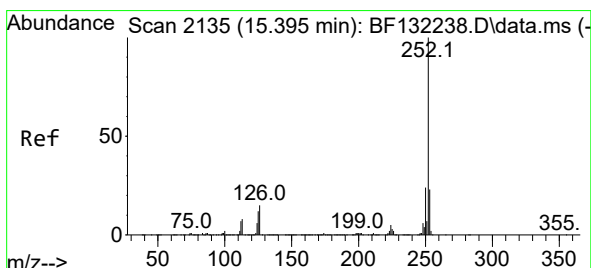
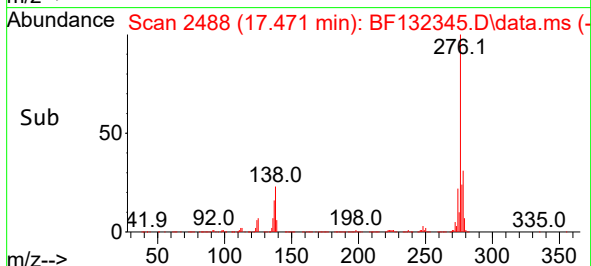
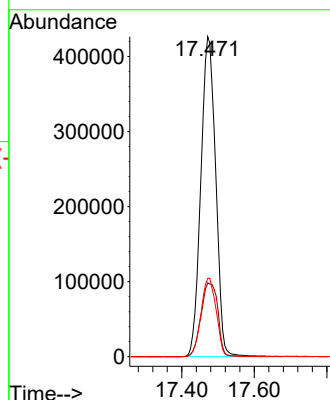
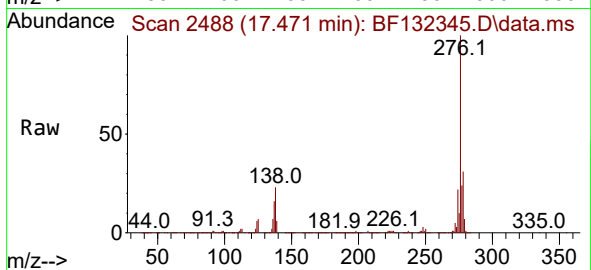
Tgt Ion:276 Resp: 1213583

Ion Ratio Lower Upper

276 100

138 26.0 23.3 34.9

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.398 ng

RT: 15.366 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

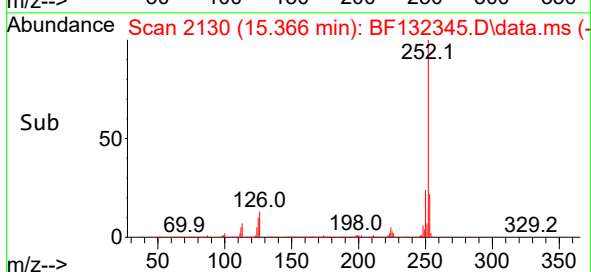
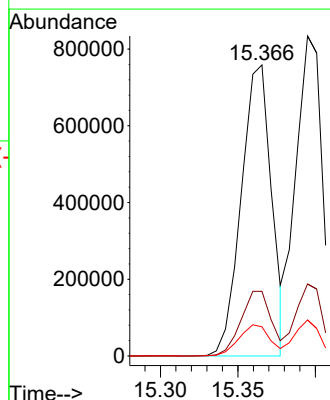
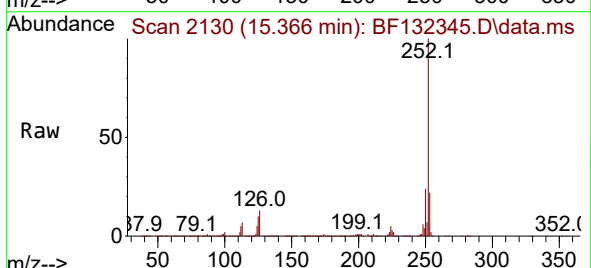
Tgt Ion:252 Resp: 1031832

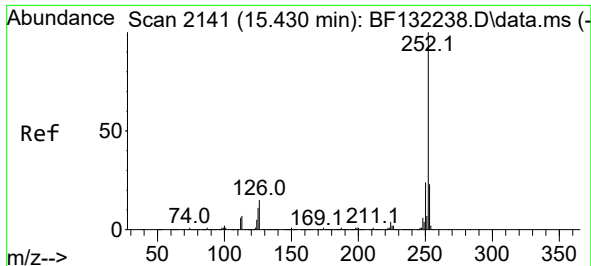
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 10.0 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 46.167 ng

RT: 15.395 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

Instrument :

BNA_F

ClientSampleId :

B-01-SB02MSD

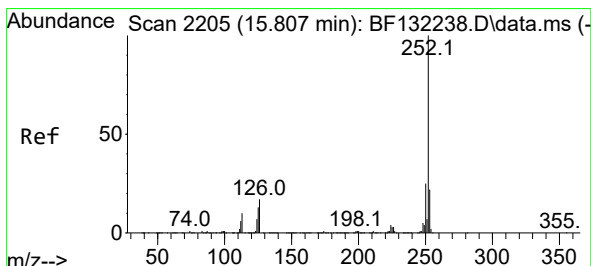
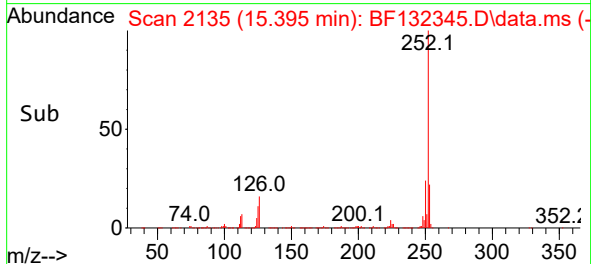
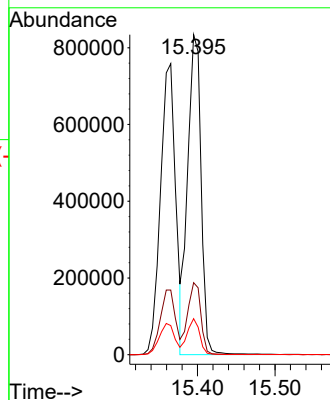
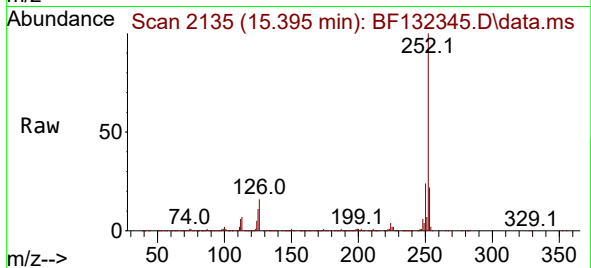
Tgt Ion:252 Resp: 1001587

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 11.3 9.0 13.6



#90

Benzo(a)pyrene

Concen: 43.317 ng

RT: 15.771 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF132345.D

Acq: 07 Feb 2023 15:28

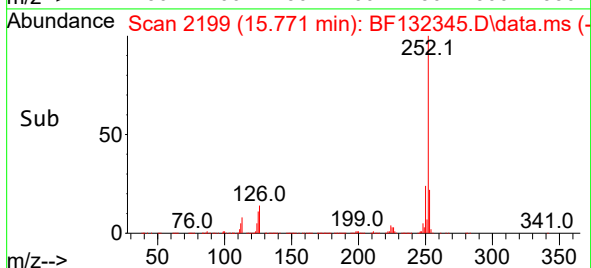
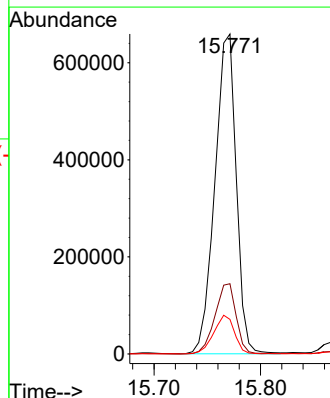
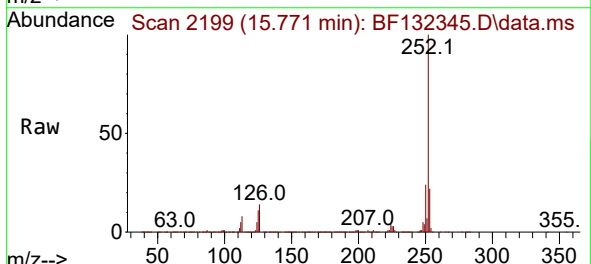
Tgt Ion:252 Resp: 916785

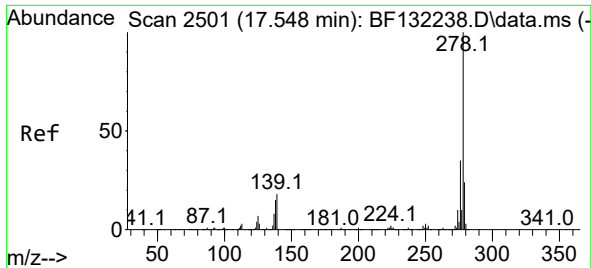
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 10.8 10.2 15.4

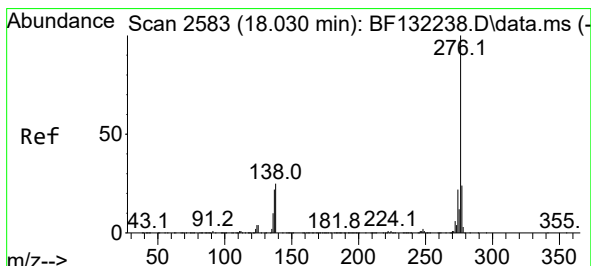
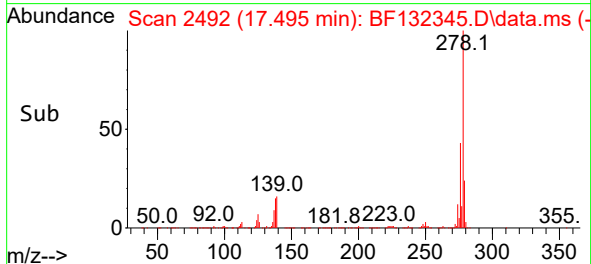
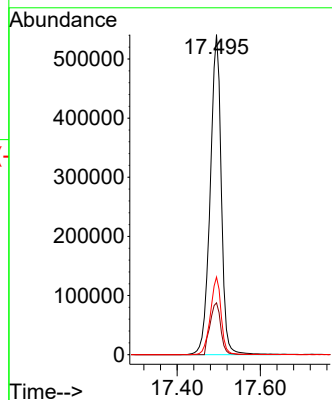
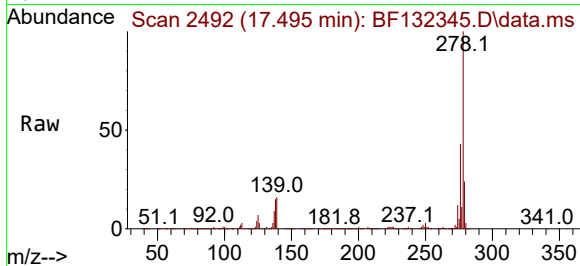




#91
 Dibenzo(a,h)anthracene
 Concen: 52.351 ng
 RT: 17.495 min Scan# 2492
 Delta R.T. -0.006 min
 Lab File: BF132345.D
 Acq: 07 Feb 2023 15:28

Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB02MSD

Tgt Ion:278 Resp: 1000008
 Ion Ratio Lower Upper
 278 100
 139 16.2 14.2 21.2
 279 24.2 19.6 29.4



#92
 Benzo(g,h,i)perylene
 Concen: 48.798 ng
 RT: 17.977 min Scan# 2574
 Delta R.T. 0.000 min
 Lab File: BF132345.D
 Acq: 07 Feb 2023 15:28

Tgt Ion:276 Resp: 962990
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.4 29.2
 138 21.9 20.3 30.5

