

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135339.D
 Acq On : 19 Sep 2023 17:21
 Operator : CG\JU
 Sample : PB155405BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155405BS

Quant Time: Sep 20 01:36:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	137795	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	552316	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	279025	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	541912	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	257480	20.000	ng	0.00
86) Perylene-d12	15.404	264	245817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1050068	123.944	ng	0.01
7) Phenol-d6	6.410	99	1340839	124.465	ng	0.00
23) Nitrobenzene-d5	7.328	82	879699	86.533	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	333778	120.374	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1480033	80.027	ng	0.00
79) Terphenyl-d14	12.886	244	1508831	90.841	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	149204	40.173	ng	99
3) Pyridine	3.316	79	389809	38.997	ng	98
4) n-Nitrosodimethylamine	3.281	42	260576	49.125	ng	99
6) Aniline	6.428	93	401991	28.456	ng	# 74
8) 2-Chlorophenol	6.545	128	432402	47.811	ng	99
9) Benzaldehyde	6.310	77	161072	26.246	ng	97
10) Phenol	6.422	94	484440	41.010	ng	84
11) bis(2-Chloroethyl)ether	6.504	93	416450	46.998	ng	98
12) 1,3-Dichlorobenzene	6.698	146	419757	45.668	ng	98
13) 1,4-Dichlorobenzene	6.775	146	424201	45.363	ng	98
14) 1,2-Dichlorobenzene	6.928	146	399396	45.991	ng	98
15) Benzyl Alcohol	6.910	79	240786	31.148	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	796346	47.679	ng	90
17) 2-Methylphenol	7.022	107	343930	43.093	ng	96
18) Hexachloroethane	7.263	117	162610	47.062	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	276338	41.413	ng	96
20) 3+4-Methylphenols	7.175	107	398669	41.541	ng	94
22) Acetophenone	7.169	105	548011	43.399	ng	# 99
24) Nitrobenzene	7.345	77	445228	44.310	ng	99
25) Isophorone	7.581	82	851074	45.591	ng	98
26) 2-Nitrophenol	7.657	139	234932	48.715	ng	99
27) 2,4-Dimethylphenol	7.704	122	395422	48.781	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	523398	46.844	ng	99
29) 2,4-Dichlorophenol	7.904	162	349110	46.478	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	358993	45.726	ng	98
31) Naphthalene	8.057	128	1182869	44.079	ng	99
32) Benzoic acid	7.851	122	286088	46.869	ng	97
33) 4-Chloroaniline	8.110	127	238338	20.243	ng	99
34) Hexachlorobutadiene	8.175	225	206979	43.722	ng	99
35) Caprolactam	8.492	113	72496	28.758	ng	95
36) 4-Chloro-3-methylphenol	8.610	107	386776	46.331	ng	97
37) 2-Methylnaphthalene	8.751	142	761635	42.222	ng	98
38) 1-Methylnaphthalene	8.851	142	709441	42.007	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	352197	43.569	ng	99
41) Hexachlorocyclopentadiene	8.898	237	264724	74.846	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	234702	44.345	ng	99

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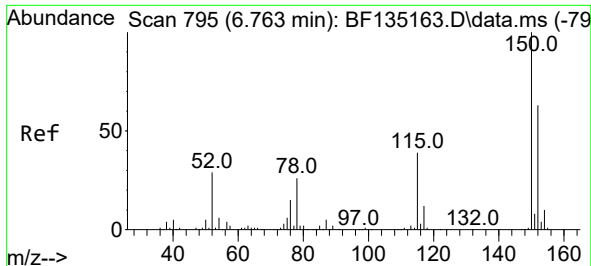
Quant Time: Sep 20 01:36:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	273075	44.802	ng	98
46) 1,1'-Biphenyl	9.222	154	940524	43.862	ng	99
47) 2-Chloronaphthalene	9.245	162	709860	45.627	ng	100
48) 2-Nitroaniline	9.345	65	290974	48.141	ng	94
49) Acenaphthylene	9.663	152	1107173	42.821	ng	100
50) Dimethylphthalate	9.528	163	872328	46.241	ng	100
51) 2,6-Dinitrotoluene	9.592	165	188949	45.721	ng	98
52) Acenaphthene	9.833	154	673965	44.124	ng	98
53) 3-Nitroaniline	9.763	138	150403	31.004	ng	96
54) 2,4-Dinitrophenol	9.880	184	203189	86.091	ng	98
55) Dibenzofuran	10.004	168	953352	40.902	ng	96
56) 4-Nitrophenol	9.939	139	256896	83.324	ng	99
57) 2,4-Dinitrotoluene	10.004	165	221456	42.804	ng	86
58) Fluorene	10.351	166	762259	42.540	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.128	232	228860	48.812	ng	98
60) Diethylphthalate	10.228	149	862881	45.576	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	356596	41.428	ng	99
62) 4-Nitroaniline	10.386	138	202913	43.515	ng	97
63) Azobenzene	10.504	77	861386	46.488	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	143389	49.818	ng	96
66) n-Nitrosodiphenylamine	10.469	169	724757	44.176	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	237079	43.987	ng	98
68) Hexachlorobenzene	10.898	284	253528	46.173	ng	# 91
69) Atrazine	10.998	200	237975	53.908	ng	98
70) Pentachlorophenol	11.098	266	249332	75.896	ng	99
71) Phenanthrene	11.316	178	1144929	44.671	ng	98
72) Anthracene	11.369	178	1160313	44.043	ng	100
73) Carbazole	11.527	167	1101149	45.915	ng	100
74) Di-n-butylphthalate	11.857	149	1339623	47.404	ng	99
75) Fluoranthene	12.510	202	1197482	44.839	ng	100
77) Benzidine	12.633	184	284385	53.912	ng	99
78) Pyrene	12.739	202	1205919	49.193	ng	100
80) Butylbenzylphthalate	13.363	149	488668	56.618	ng	95
81) Benzo(a)anthracene	13.933	228	745415	44.834	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	174695	33.639	ng	# 95
83) Chrysene	13.974	228	759339	45.936	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	530806	59.931	ng	100
85) Di-n-octyl phthalate	14.545	149	826709	58.735	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	793222	49.215	ng	97
88) Benzo(b)fluoranthene	14.986	252	688249	51.721	ng	99
89) Benzo(k)fluoranthene	14.986	252	688249	52.359	ng	99
90) Benzo(a)pyrene	15.345	252	598407	47.156	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	634891	48.143	ng	98
92) Benzo(g,h,i)perylene	17.339	276	663671	48.188	ng	97

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

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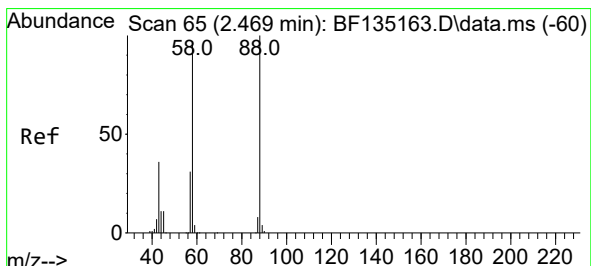
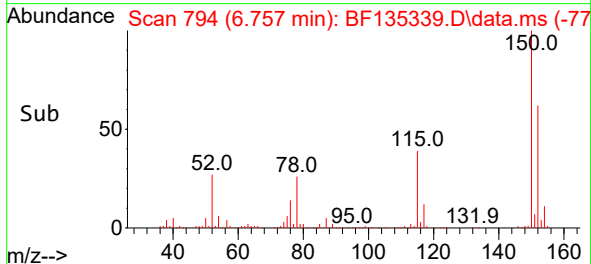
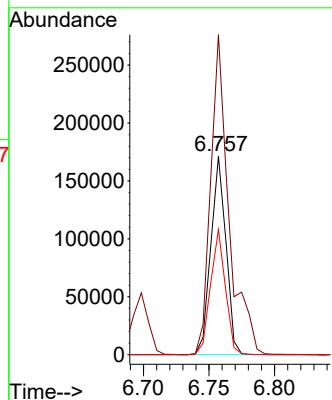
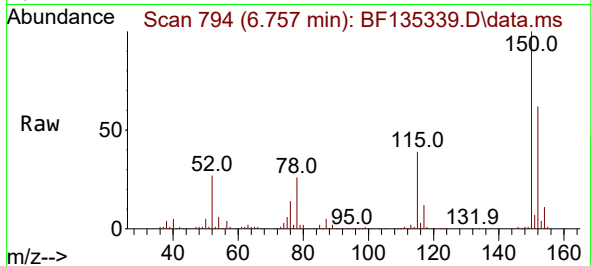




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

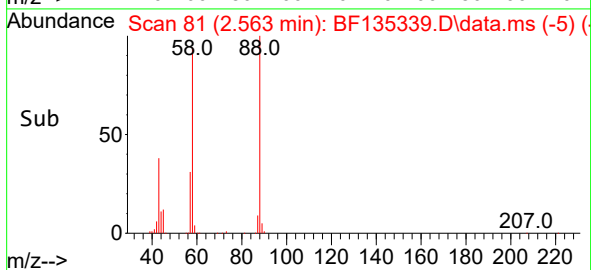
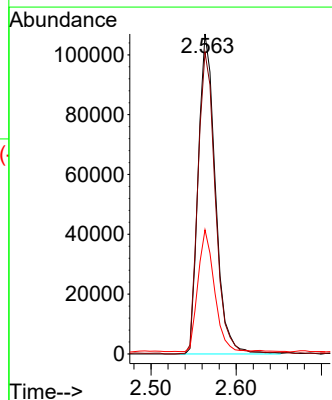
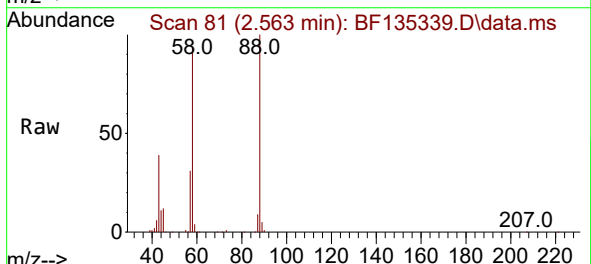
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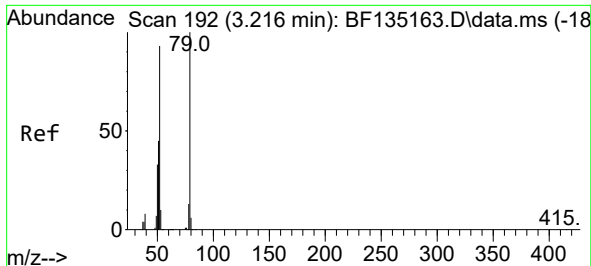
Tgt Ion:152 Resp: 137795
 Ion Ratio Lower Upper
 152 100
 150 161.1 127.8 191.6
 115 63.0 49.8 74.8



#2
 1,4-Dioxane
 Concen: 40.173 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.094 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

Tgt Ion: 88 Resp: 149204
 Ion Ratio Lower Upper
 88 100
 58 96.5 78.3 117.5
 43 36.3 29.4 44.0

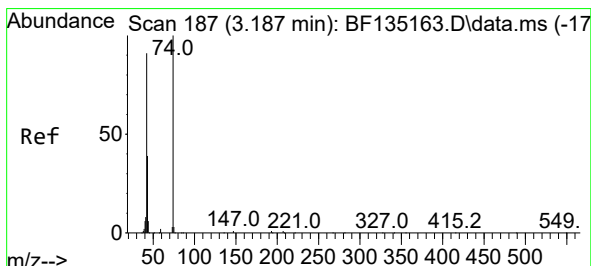
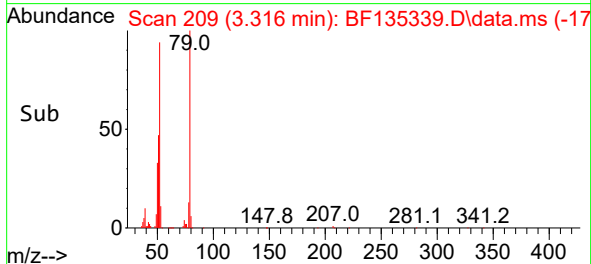
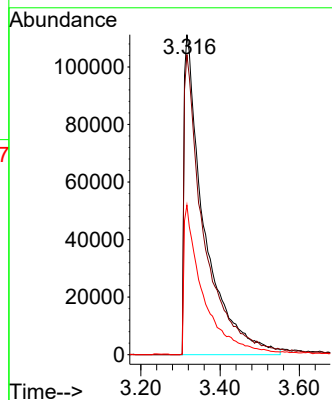
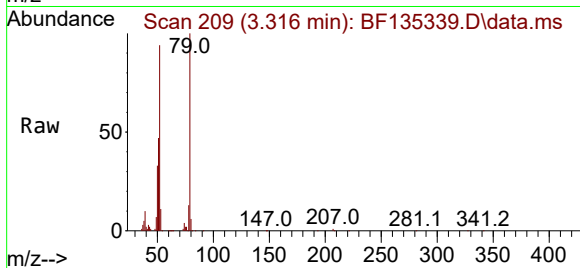




#3
 Pyridine
 Concen: 38.997 ng
 RT: 3.316 min Scan# 20
 Delta R.T. 0.100 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

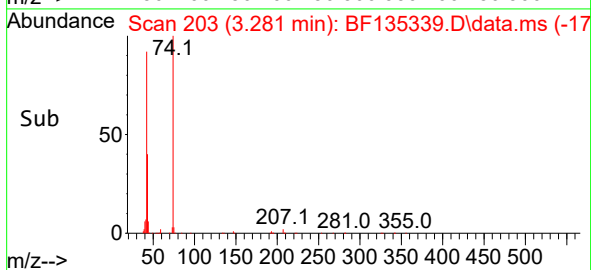
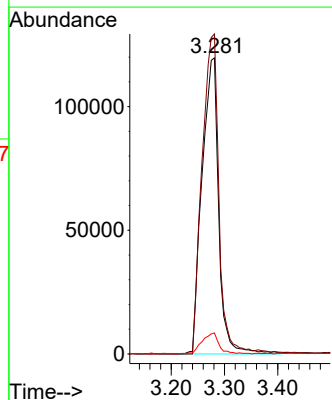
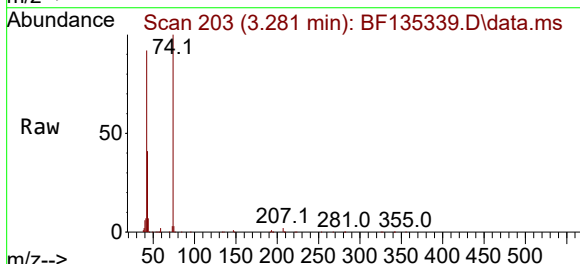
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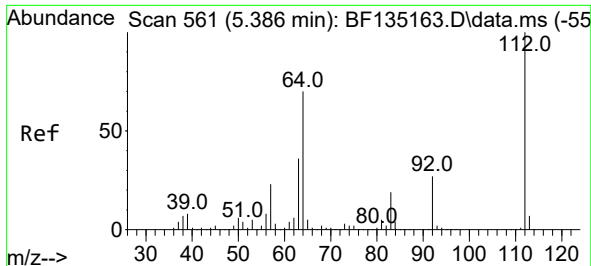
Tgt Ion: 79 Resp: 389809
 Ion Ratio Lower Upper
 79 100
 52 93.8 74.1 111.1
 51 46.8 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 49.125 ng
 RT: 3.281 min Scan# 203
 Delta R.T. 0.094 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

Tgt Ion: 42 Resp: 260576
 Ion Ratio Lower Upper
 42 100
 74 108.1 87.7 131.5
 44 7.1 5.6 8.4

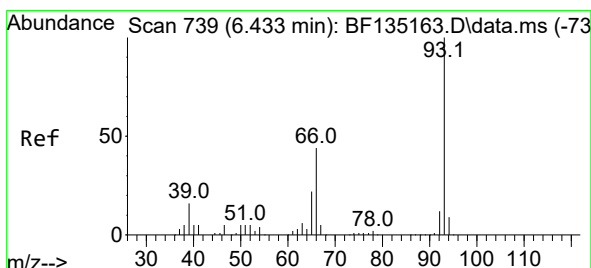
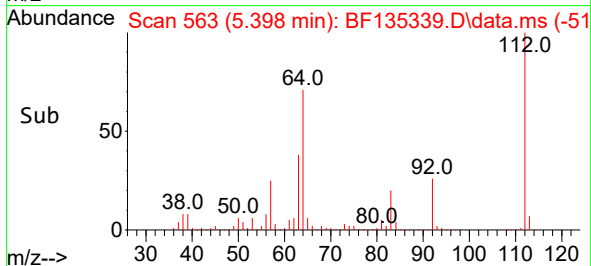
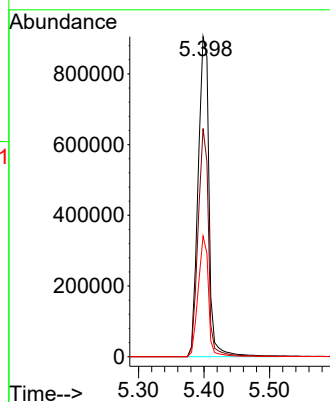
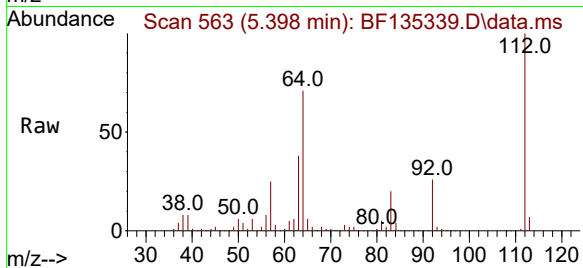




#5
2-Fluorophenol
Concen: 123.944 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

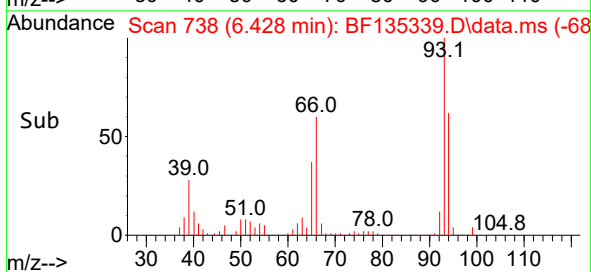
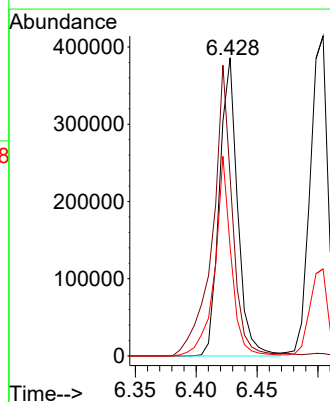
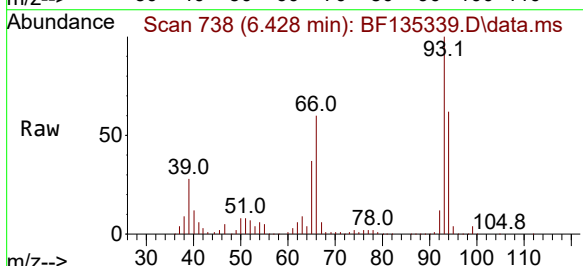
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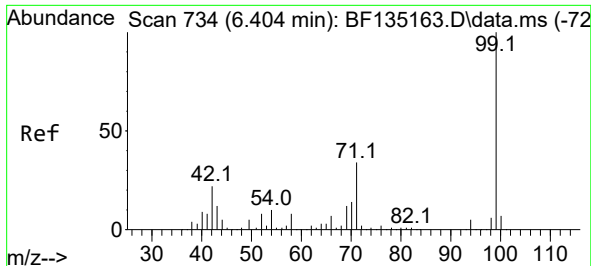
Tgt Ion:112 Resp: 1050068
Ion Ratio Lower Upper
112 100
64 71.3 55.9 83.9
63 37.7 29.0 43.6



#6
Aniline
Concen: 28.456 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion: 93 Resp: 401991
Ion Ratio Lower Upper
93 100
66 60.1 35.4 53.0#
65 36.5 17.8 26.8#

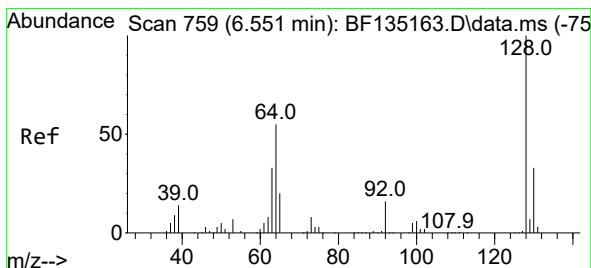
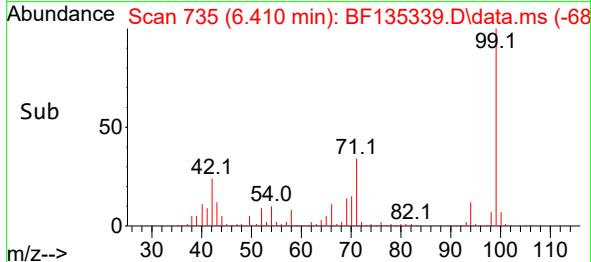
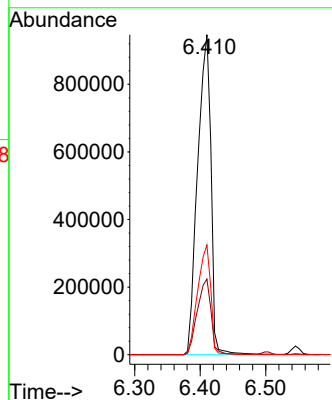
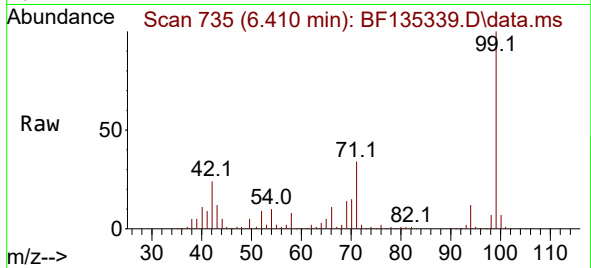




#7
Phenol-d6
Concen: 124.465 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

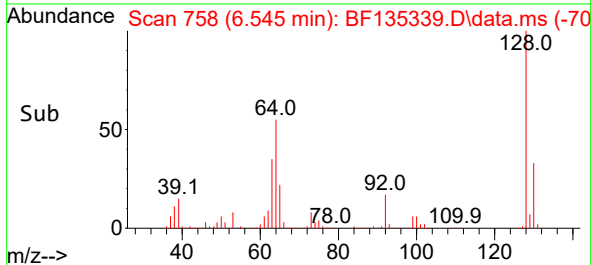
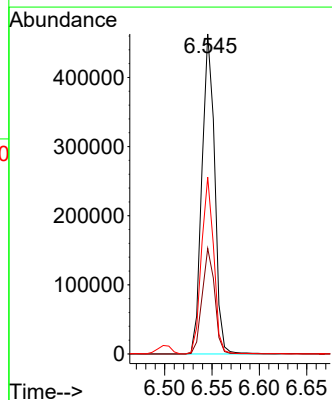
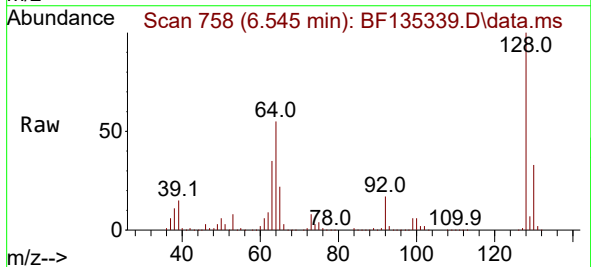
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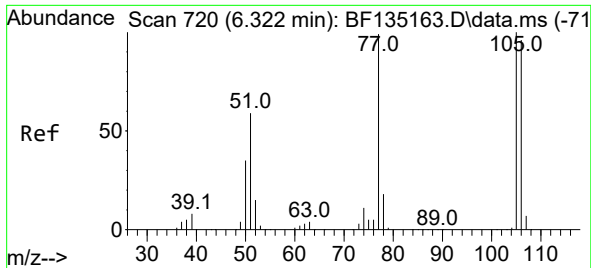
Tgt Ion: 99 Resp: 1340839
Ion Ratio Lower Upper
99 100
42 23.7 17.9 26.9
71 34.3 27.0 40.6



#8
2-Chlorophenol
Concen: 47.811 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135339.D
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Tgt Ion:128 Resp: 432402
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 55.2 35.9 75.9

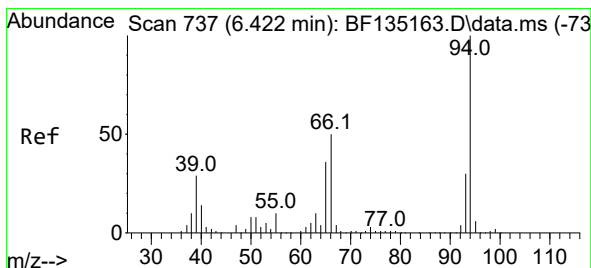
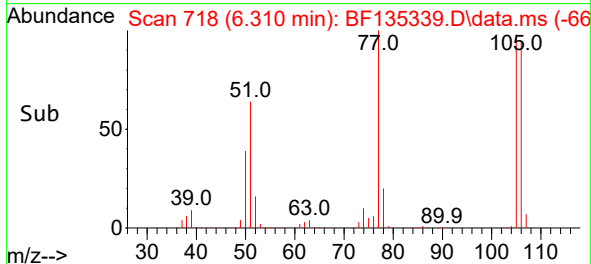
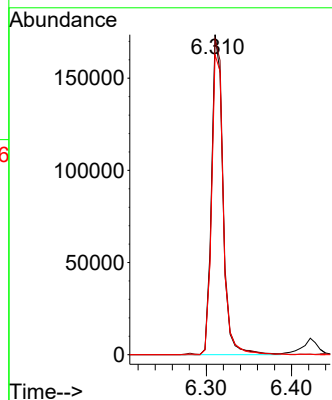
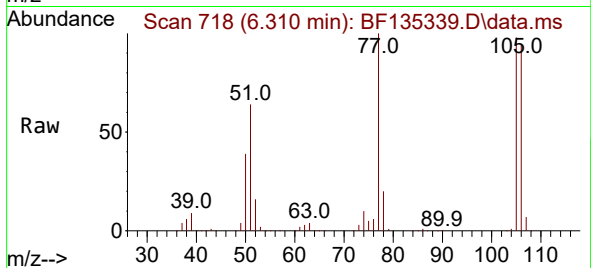




#9
Benzaldehyde
Concen: 26.246 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

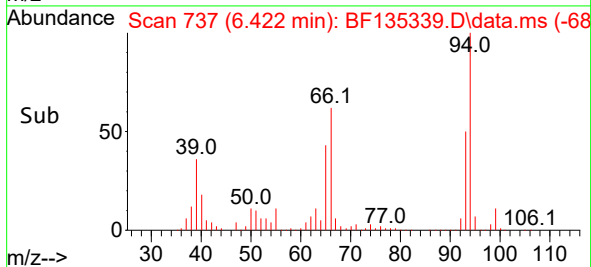
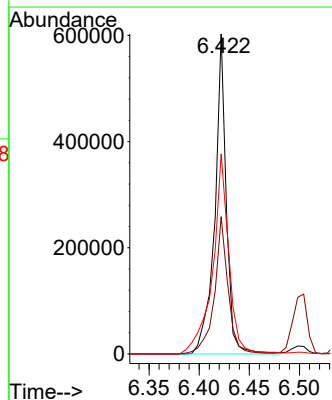
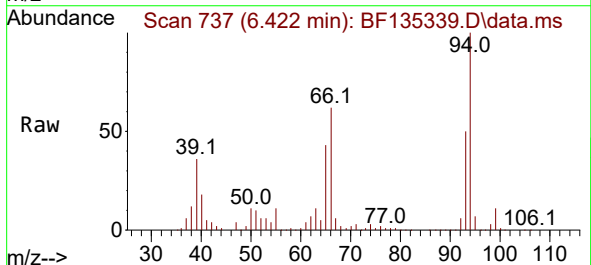
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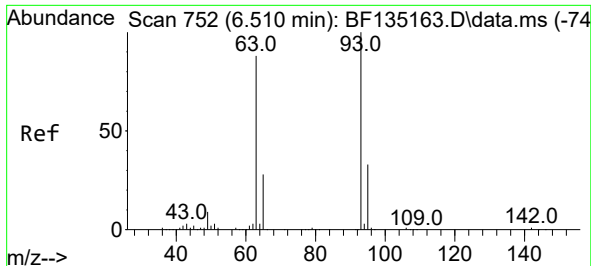
Tgt Ion: 77 Resp: 161072
Ion Ratio Lower Upper
77 100
105 98.5 81.4 121.4
106 93.7 76.9 116.9



#10
Phenol
Concen: 41.010 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion: 94 Resp: 484440
Ion Ratio Lower Upper
94 100
65 42.9 15.9 55.9
66 62.5 29.8 69.8

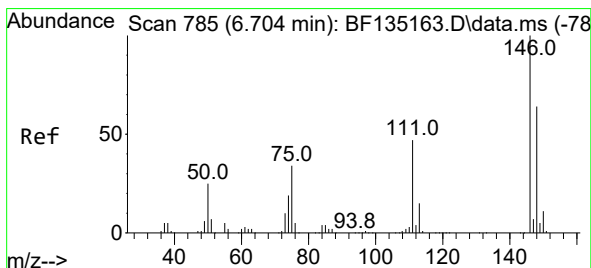
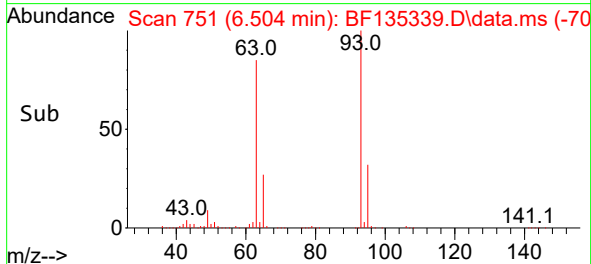
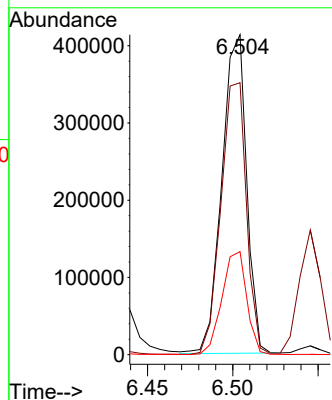
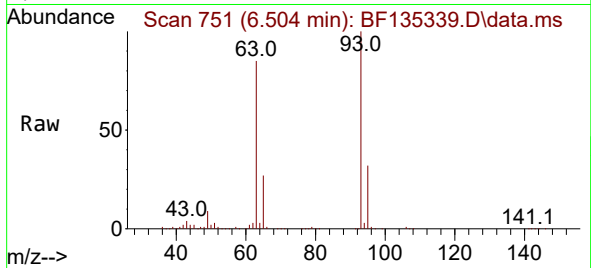




#11
bis(2-Chloroethyl)ether
Concen: 46.998 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

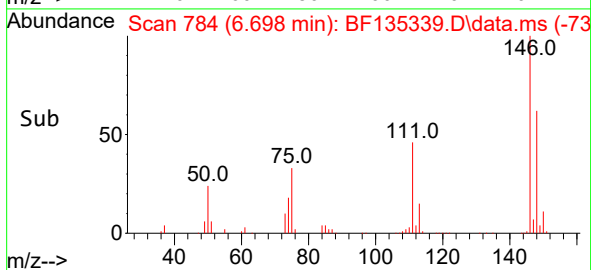
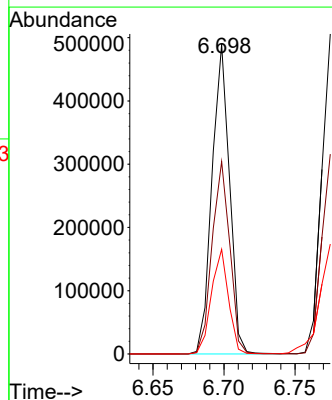
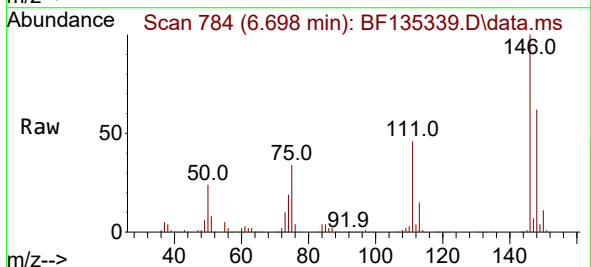
Instrument :
BNA_F
ClientSampleId :
PB155405BS

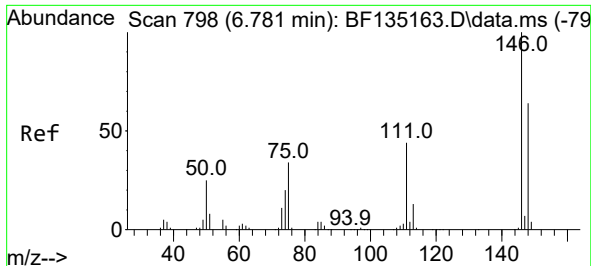
Tgt Ion: 93 Resp: 416450
Ion Ratio Lower Upper
93 100
63 85.0 67.3 107.3
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.668 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:146 Resp: 419757
Ion Ratio Lower Upper
146 100
148 62.1 51.3 76.9
75 33.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.363 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

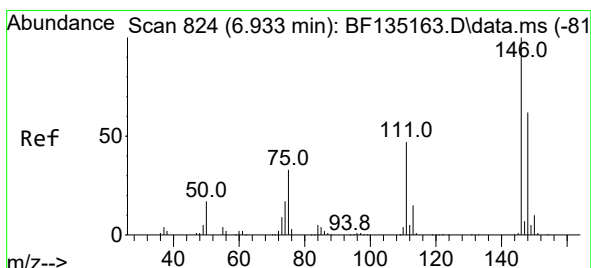
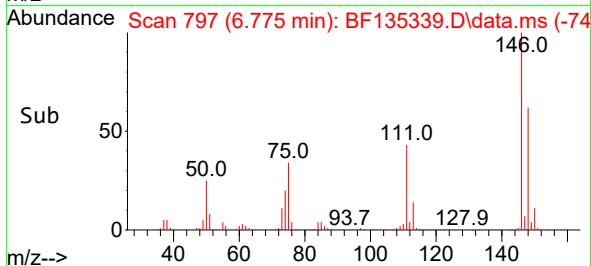
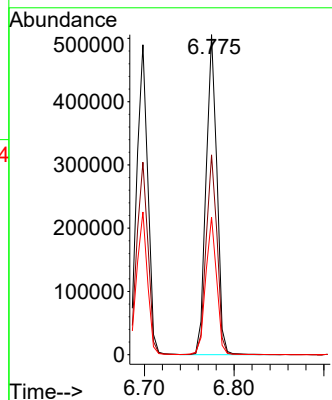
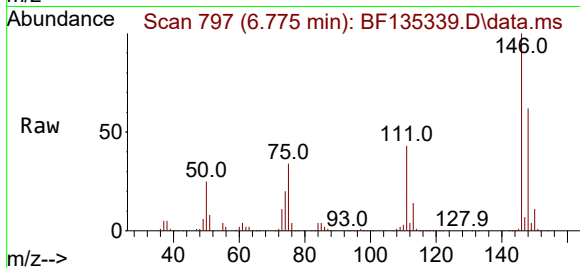
Tgt Ion:146 Resp: 424201

Ion Ratio Lower Upper

146 100

148 62.4 51.3 76.9

111 43.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 45.991 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

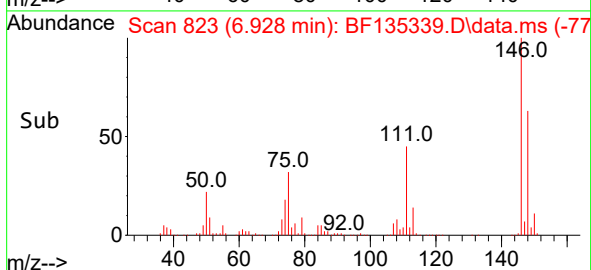
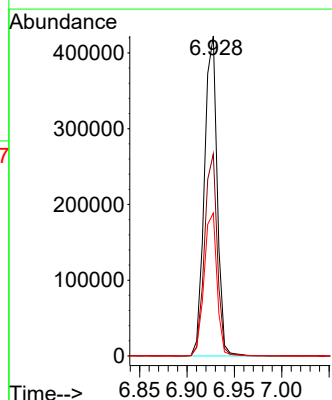
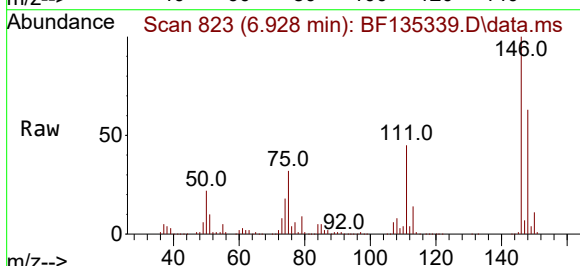
Tgt Ion:146 Resp: 399396

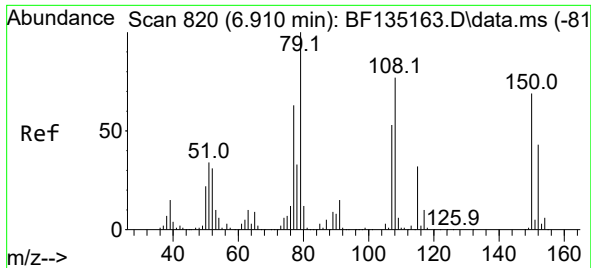
Ion Ratio Lower Upper

146 100

148 63.2 49.7 74.5

111 44.6 37.4 56.2

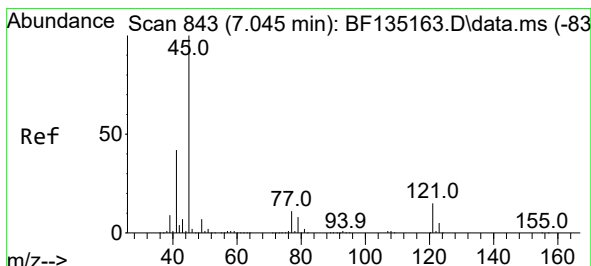
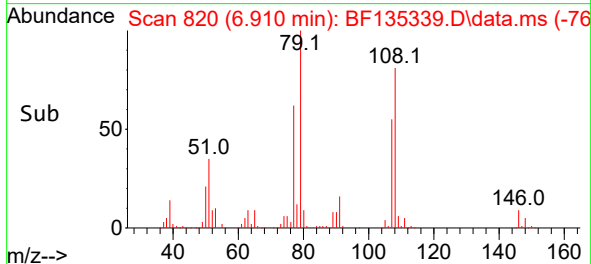
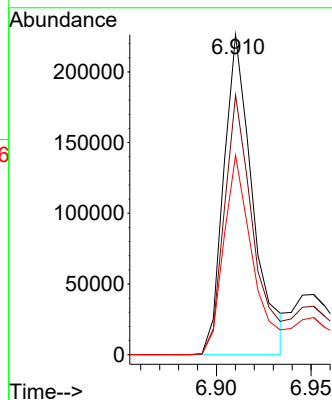
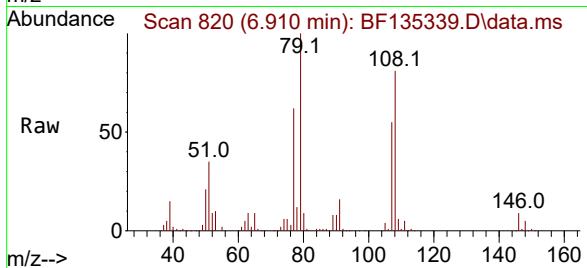




#15
Benzyl Alcohol
Concen: 31.148 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

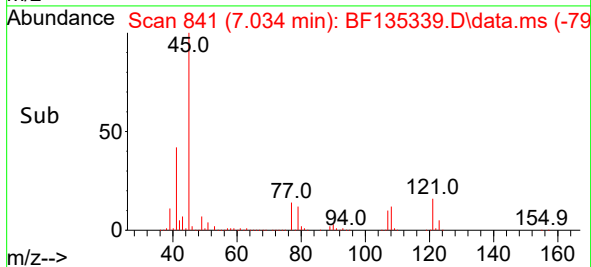
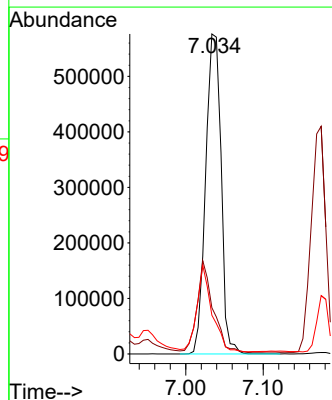
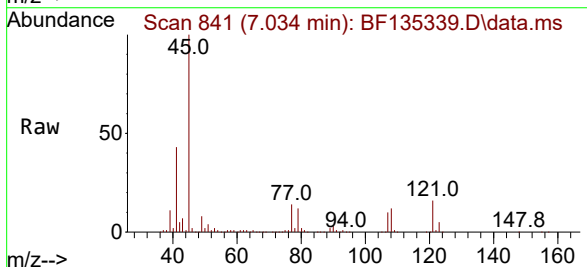
Instrument :
BNA_F
ClientSampleId :
PB155405BS

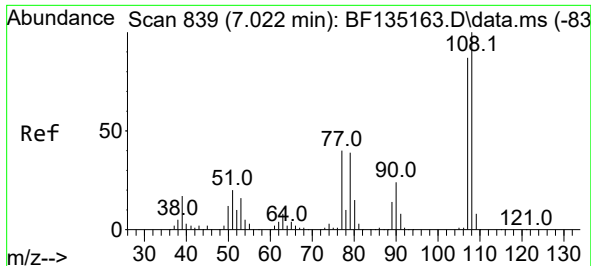
Tgt Ion: 79 Resp: 240786
Ion Ratio Lower Upper
79 100
108 81.1 61.2 91.8
77 62.4 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.679 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion: 45 Resp: 796346
Ion Ratio Lower Upper
45 100
77 14.4 0.0 30.6
79 12.1 0.0 28.3

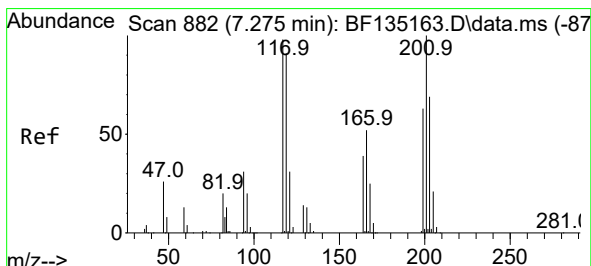
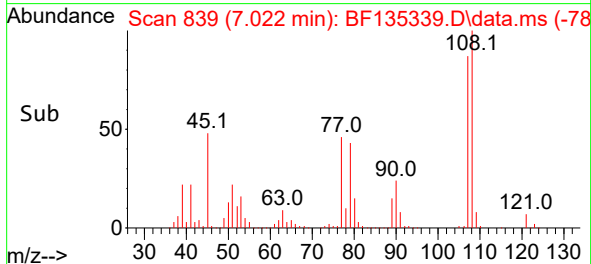
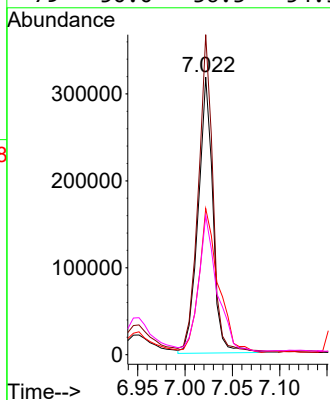
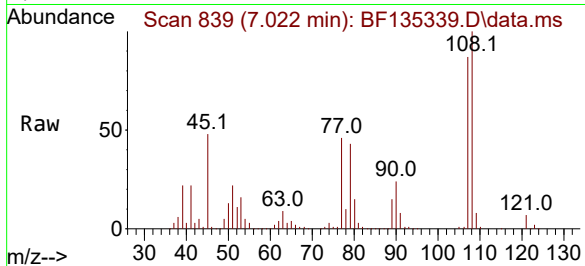




#17
2-Methylphenol
Concen: 43.093 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

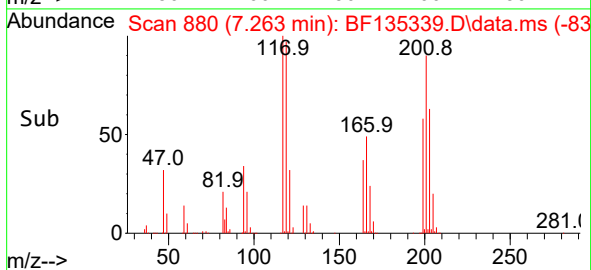
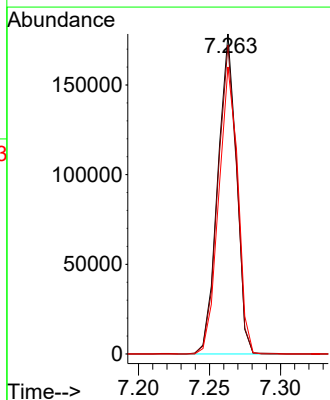
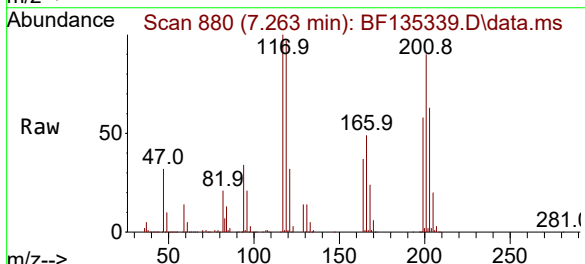
Instrument :
BNA_F
ClientSampleId :
PB155405BS

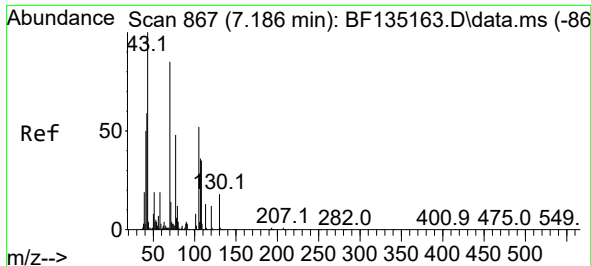
Tgt Ion:	107	Resp:	343930
Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.0	138.0
77	52.6	36.7	55.1
79	50.0	36.3	54.5



#18
Hexachloroethane
Concen: 47.062 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:	117	Resp:	162610
Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.7	112.1
201	89.7	81.8	122.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.413 ng

RT: 7.181 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

Tgt Ion: 70 Resp: 276338

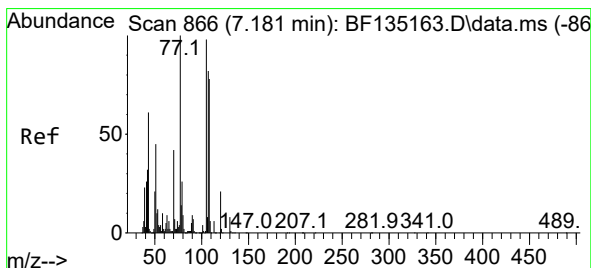
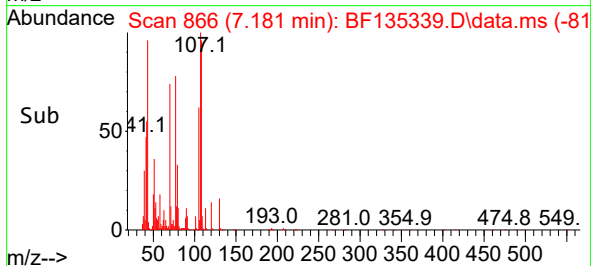
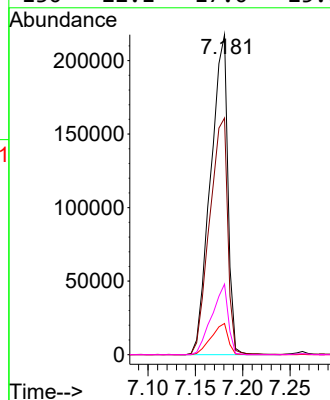
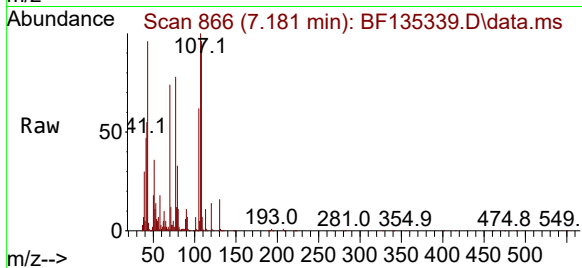
Ion Ratio Lower Upper

70 100

42 73.9 55.4 83.0

101 9.7 7.7 11.5

130 22.1 17.0 25.6



#20

3+4-Methylphenols

Concen: 41.541 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Tgt Ion: 107 Resp: 398669

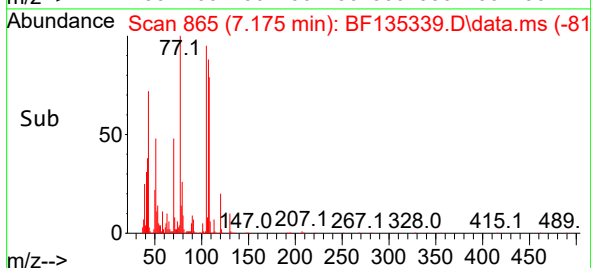
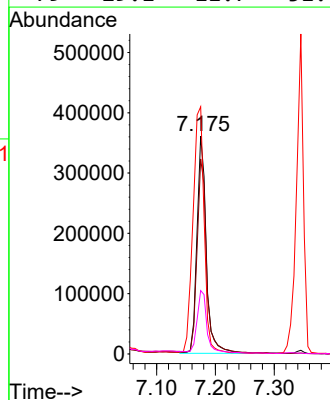
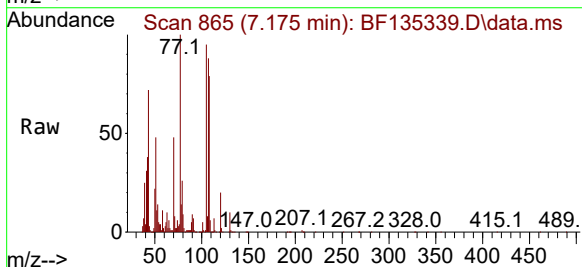
Ion Ratio Lower Upper

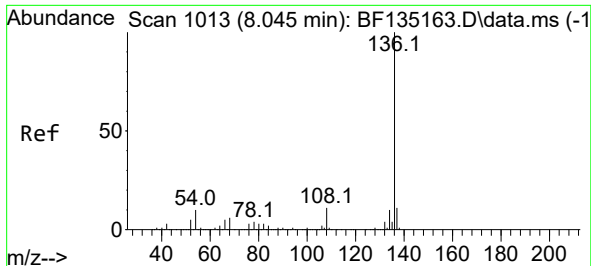
107 100

108 89.5 74.7 114.7

77 113.5 102.0 142.0

79 29.1 11.7 51.7

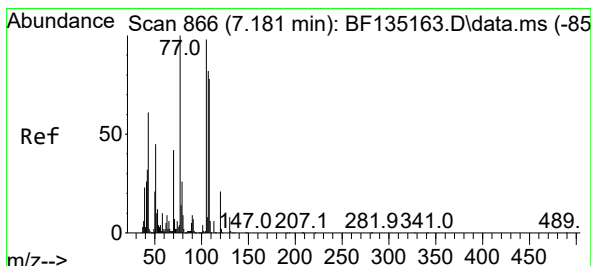
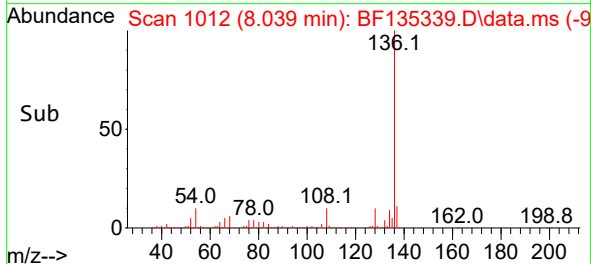
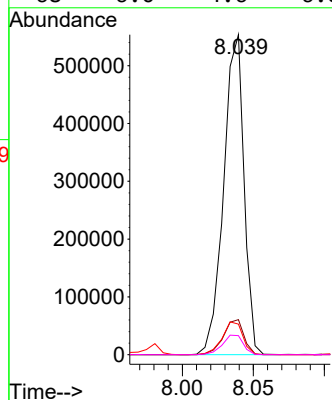
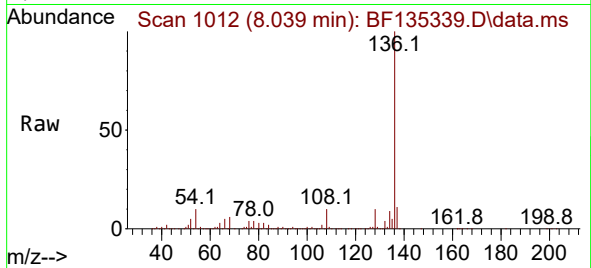




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

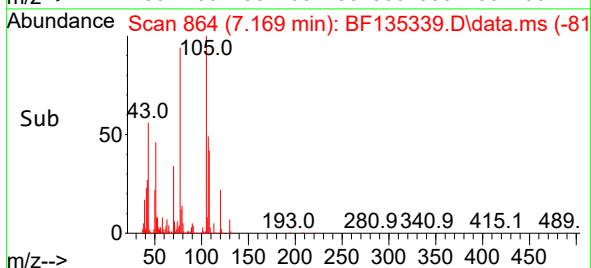
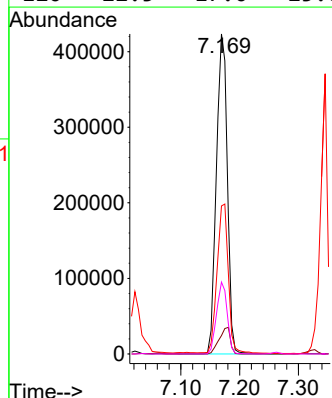
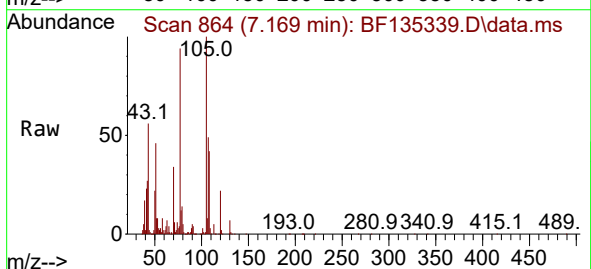
Instrument :
BNA_F
ClientSampleId :
PB155405BS

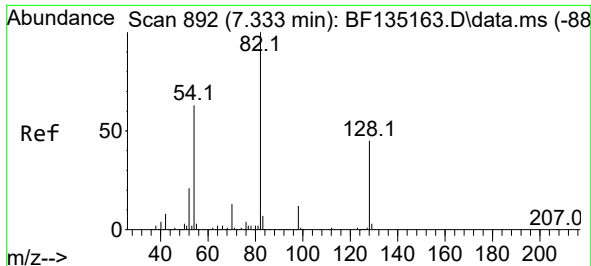
Tgt Ion:136 Resp: 552316
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.5 7.7 11.5
68 6.0 4.6 6.8



#22
Acetophenone
Concen: 43.399 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:105 Resp: 548011
Ion Ratio Lower Upper
105 100
71 5.7 5.8 8.6#
51 46.3 37.0 55.4
120 22.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 86.533 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

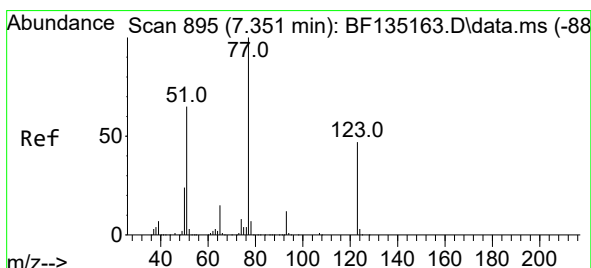
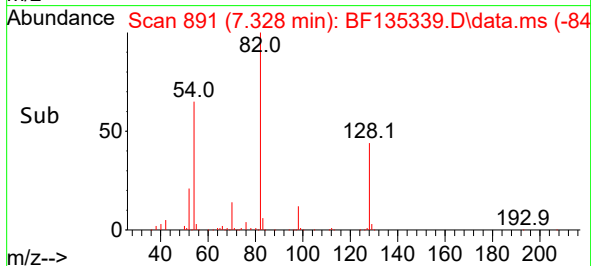
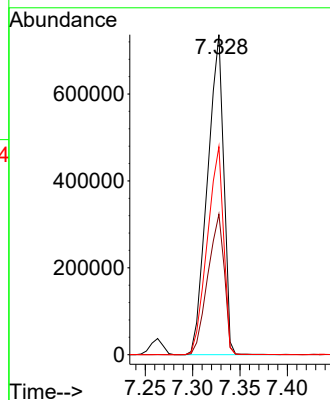
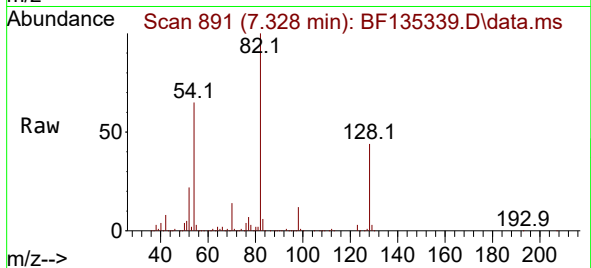
Tgt Ion: 82 Resp: 879699

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.6

54 65.0 50.6 76.0



#24

Nitrobenzene

Concen: 44.310 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

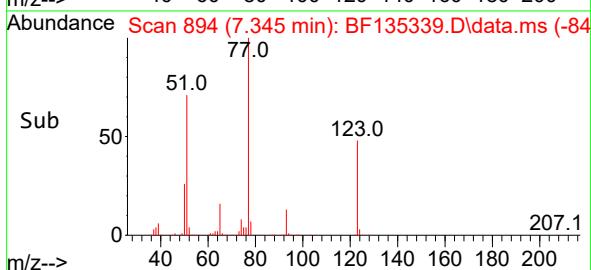
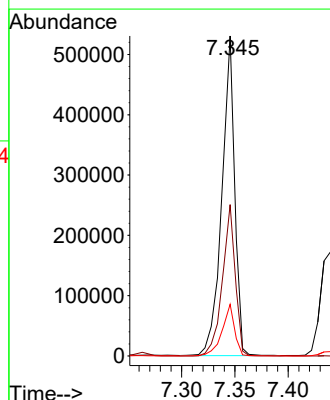
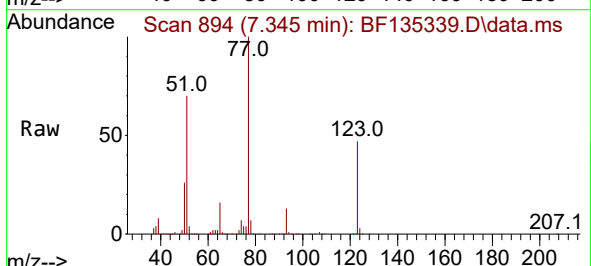
Tgt Ion: 77 Resp: 445228

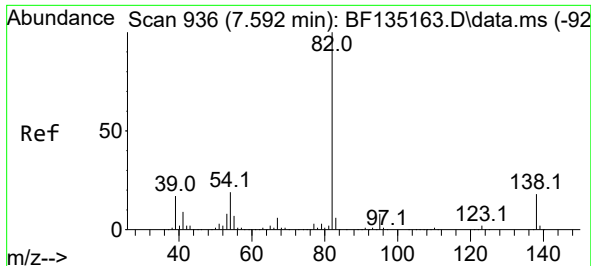
Ion Ratio Lower Upper

77 100

123 47.3 37.6 56.4

65 16.2 12.2 18.4

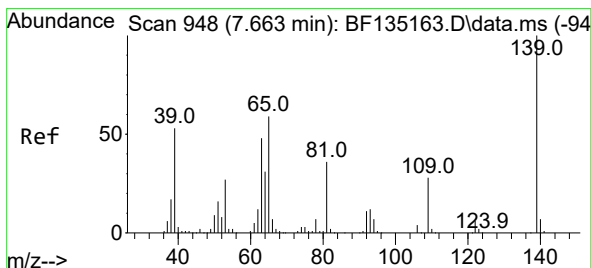
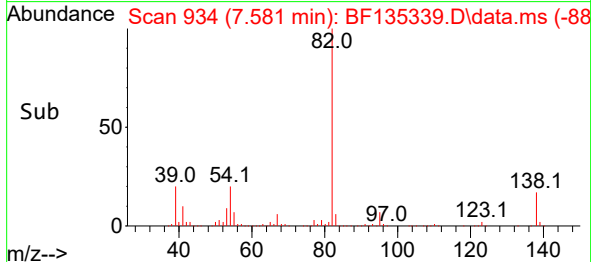
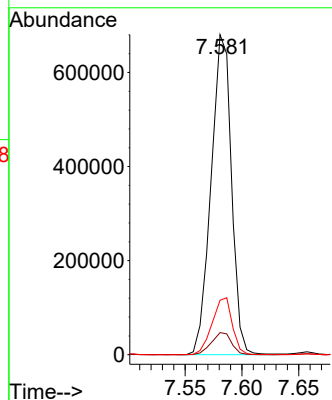
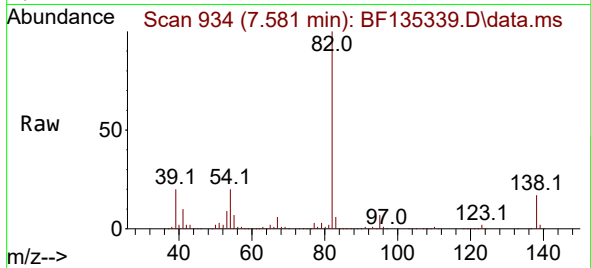




#25
Isophorone
Concen: 45.591 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

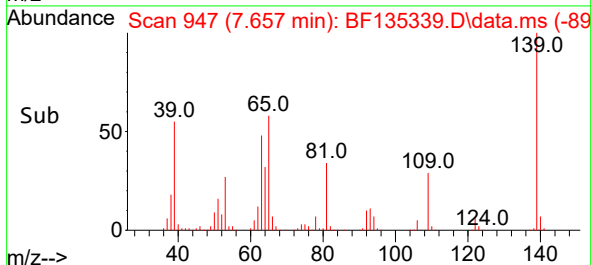
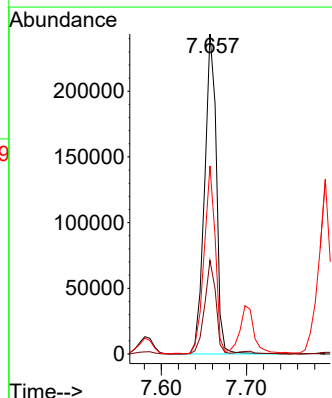
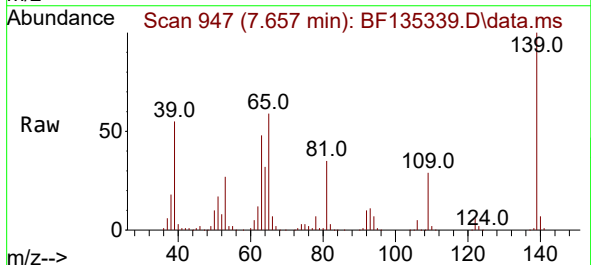
Instrument :
BNA_F
ClientSampleId :
PB155405BS

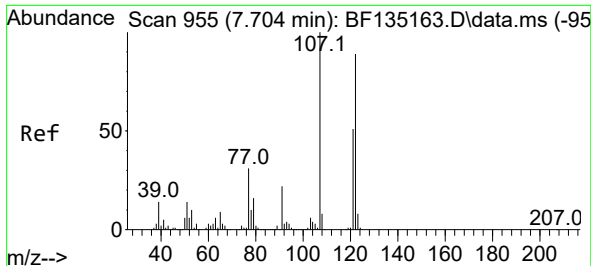
Tgt Ion: 82 Resp: 851074
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 17.0 14.5 21.7



#26
2-Nitrophenol
Concen: 48.715 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:139 Resp: 234932
Ion Ratio Lower Upper
139 100
109 29.2 22.6 33.8
65 58.7 47.0 70.4

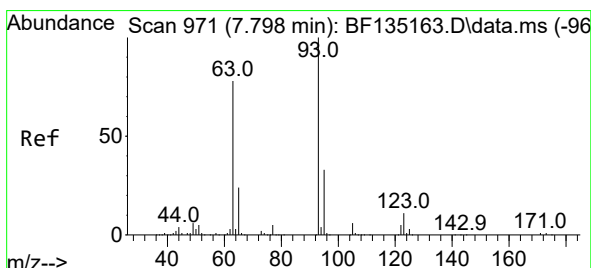
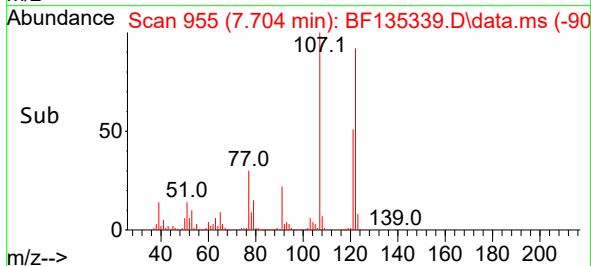
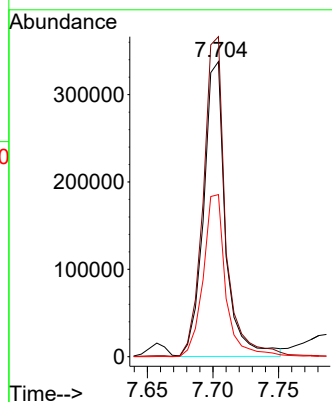
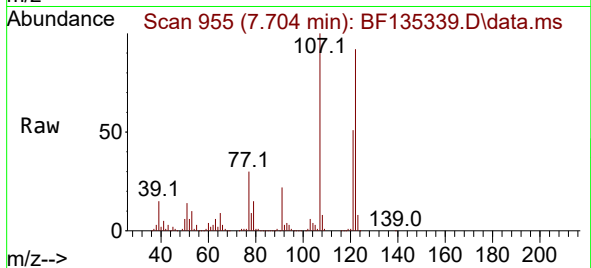




#27
2,4-Dimethylphenol
Concen: 48.781 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

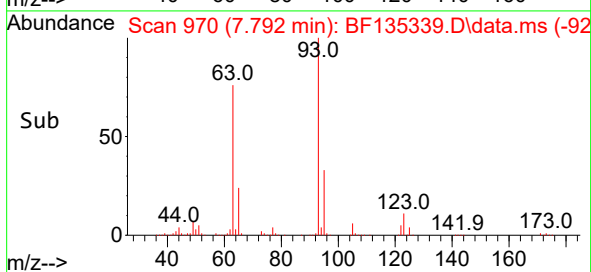
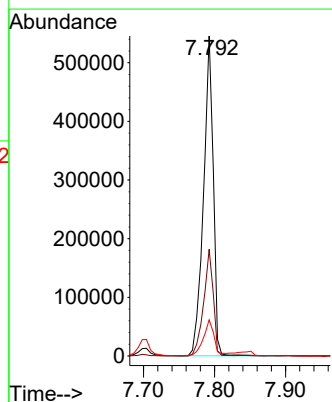
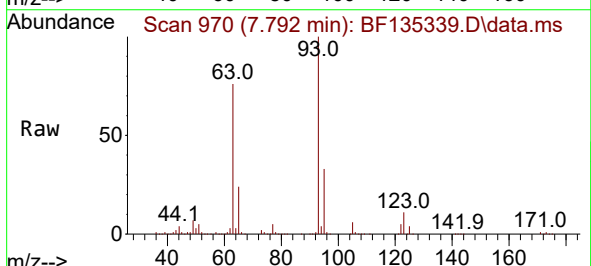
Instrument :
BNA_F
ClientSampleId :
PB155405BS

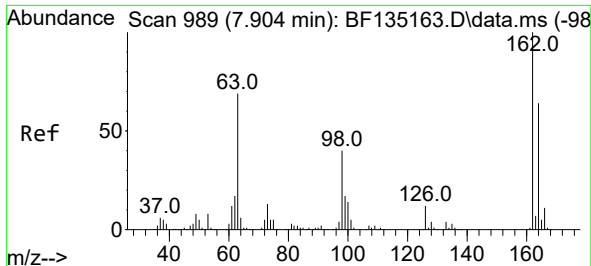
Tgt Ion:122 Resp: 395422
Ion Ratio Lower Upper
122 100
107 108.4 90.2 135.4
121 54.9 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 46.844 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

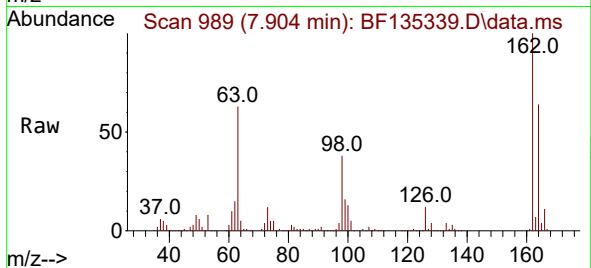
Tgt Ion: 93 Resp: 523398
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 11.3 8.8 13.2



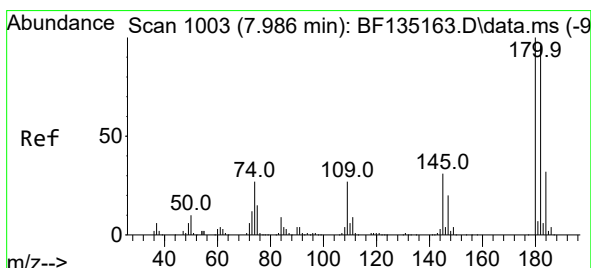
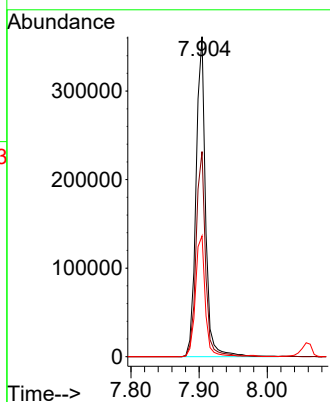
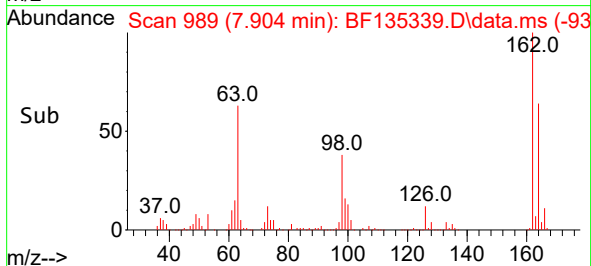


#29
2,4-Dichlorophenol
Concen: 46.478 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

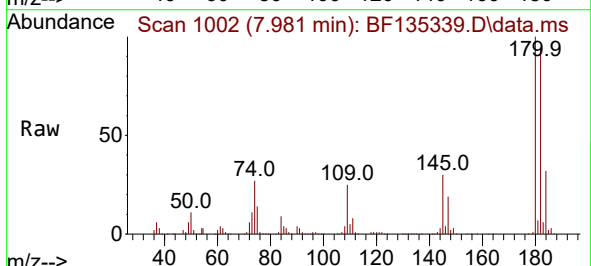
Instrument :
BNA_F
ClientSampleId :
PB155405BS



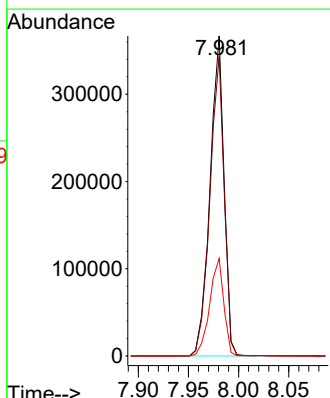
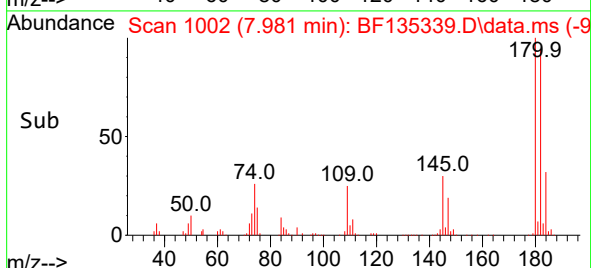
Tgt Ion:162 Resp: 349110
Ion Ratio Lower Upper
162 100
164 64.1 44.1 84.1
98 37.7 20.3 60.3

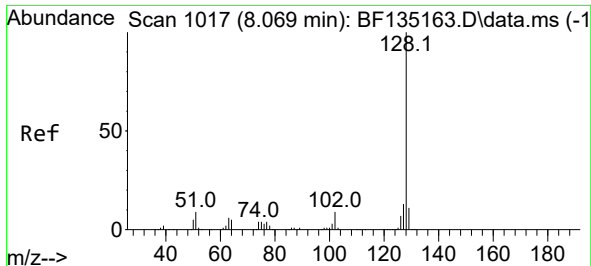


#30
1,2,4-Trichlorobenzene
Concen: 45.726 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21



Tgt Ion:180 Resp: 358993
Ion Ratio Lower Upper
180 100
182 93.6 76.9 115.3
145 30.5 24.5 36.7

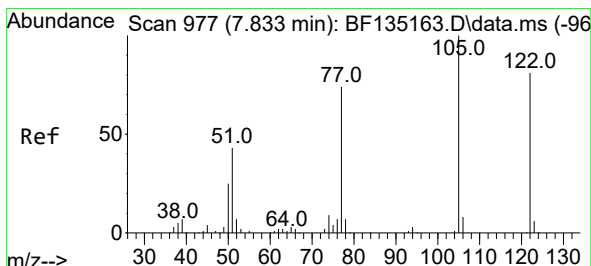
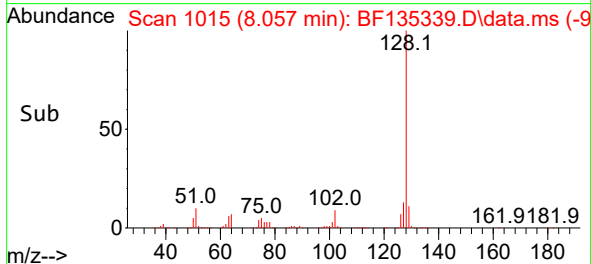
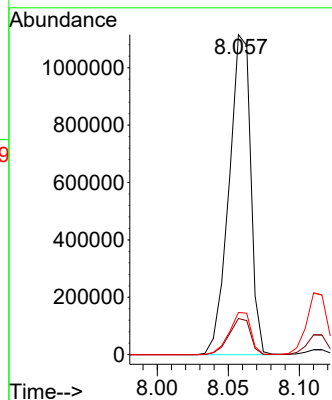
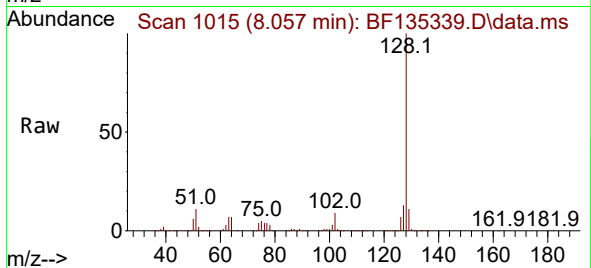




#31
Naphthalene
Concen: 44.079 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

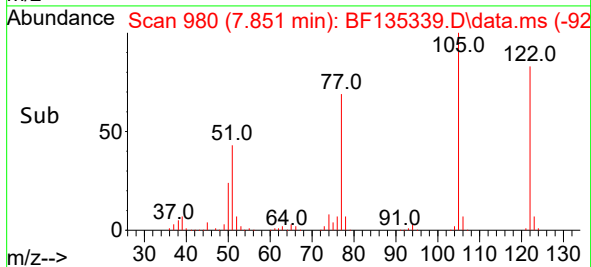
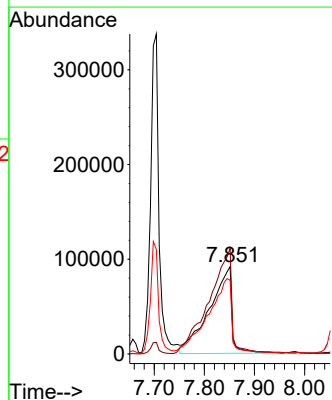
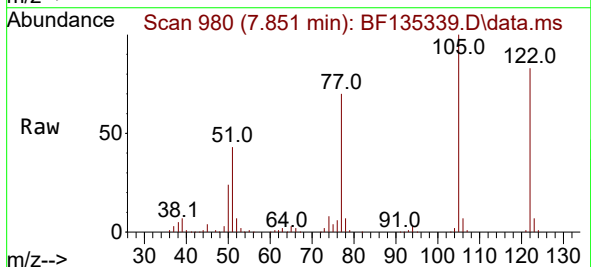
Instrument :
BNA_F
ClientSampleId :
PB155405BS

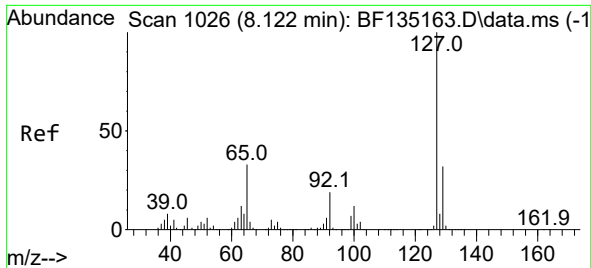
Tgt Ion:128 Resp: 1182869
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 46.869 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:122 Resp: 286088
Ion Ratio Lower Upper
122 100
105 121.0 99.9 139.9
77 84.5 70.0 110.0

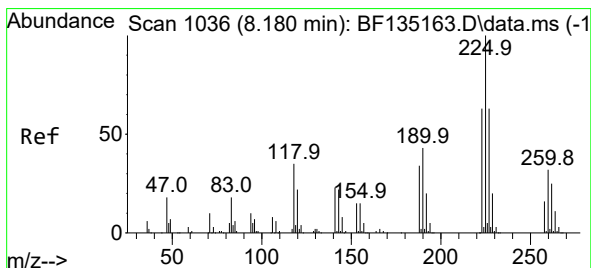
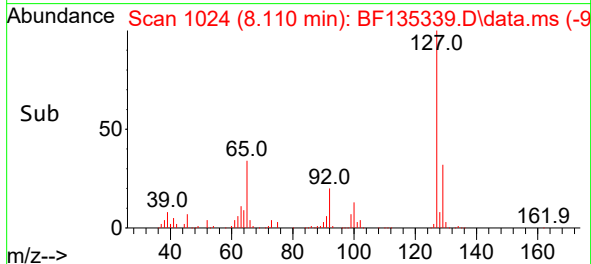
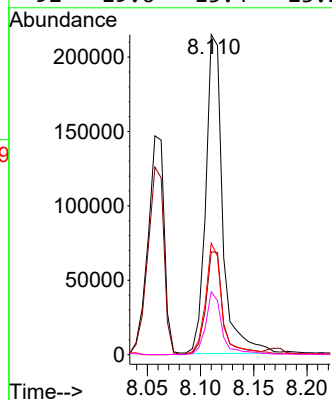
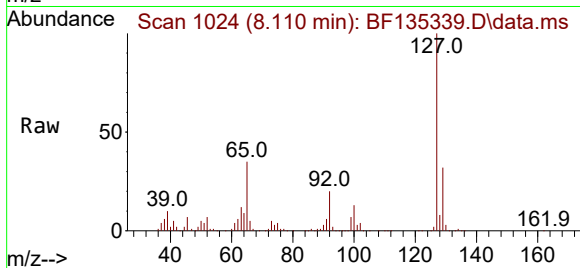




#33
4-Chloroaniline
Concen: 20.243 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

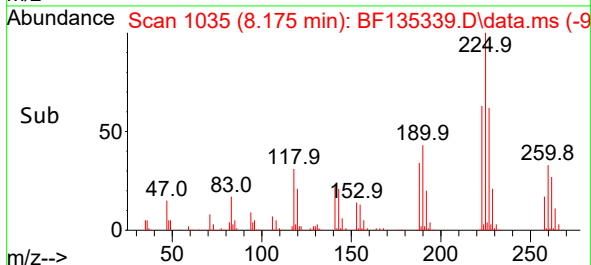
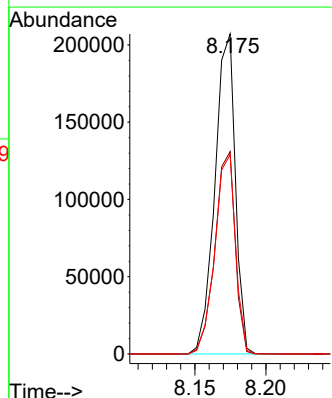
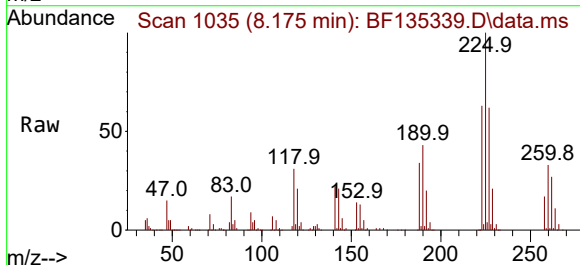
Instrument :
BNA_F
ClientSampleId :
PB155405BS

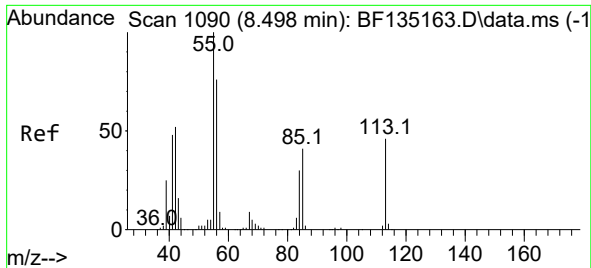
Tgt Ion:	127	Resp:	238338
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	34.9	26.6	39.8
92	19.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 43.722 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:	225	Resp:	206979
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	62.3	50.8	76.2

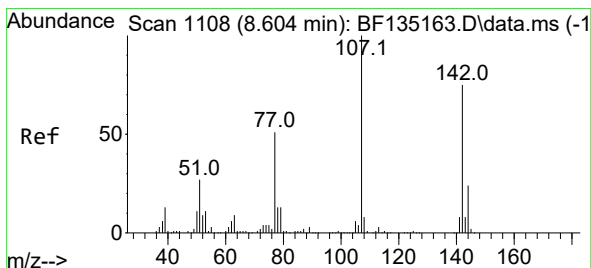
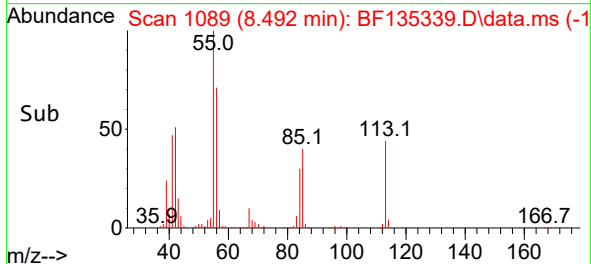
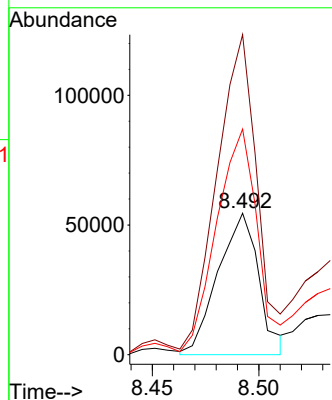
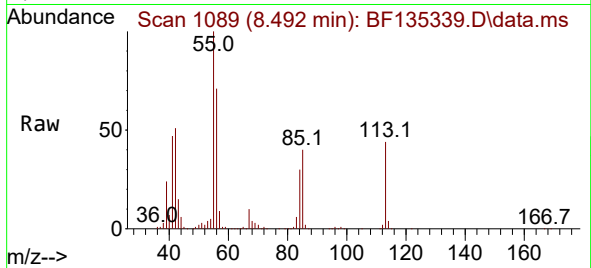




#35
 Caprolactam
 Concen: 28.758 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

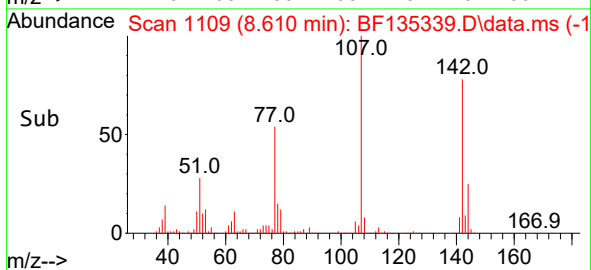
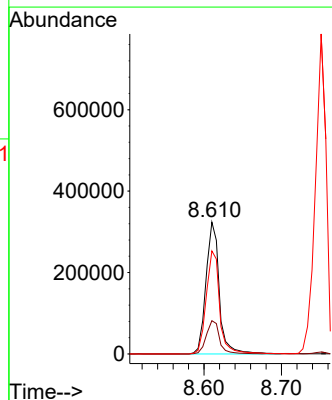
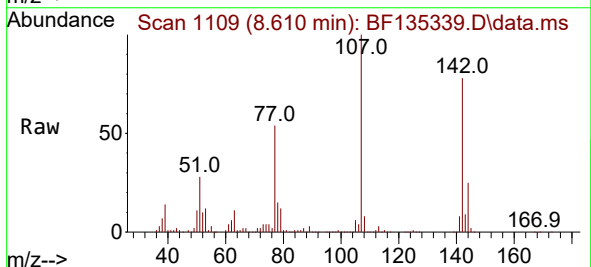
Instrument :
 BNA_F
 ClientSampleId :
 PB155405BS

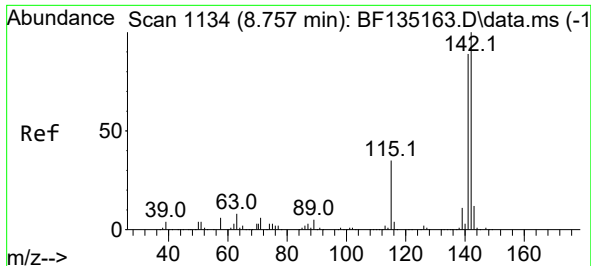
Tgt Ion:113 Resp: 72496
 Ion Ratio Lower Upper
 113 100
 55 226.1 199.3 239.3
 56 159.4 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.331 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

Tgt Ion:107 Resp: 386776
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.0 28.4
 142 78.2 60.2 90.2

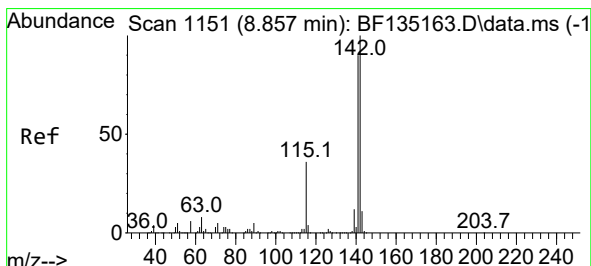
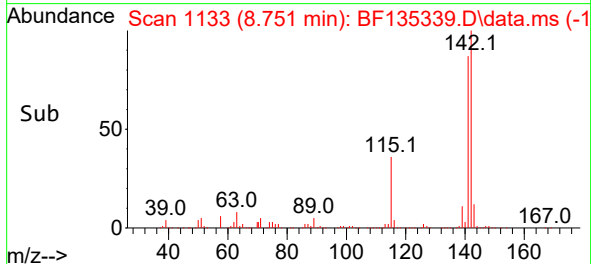
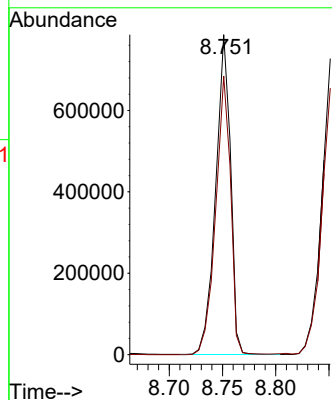
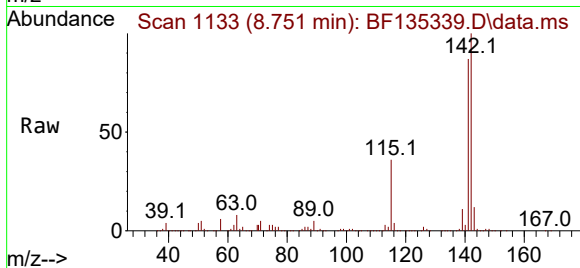




#37
2-Methylnaphthalene
Concen: 42.222 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

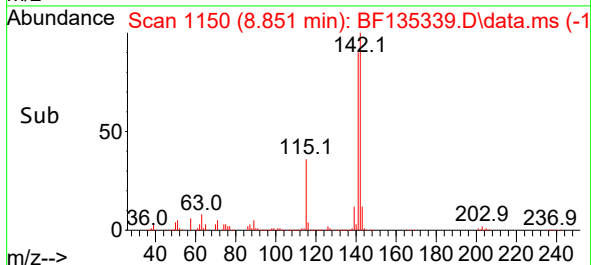
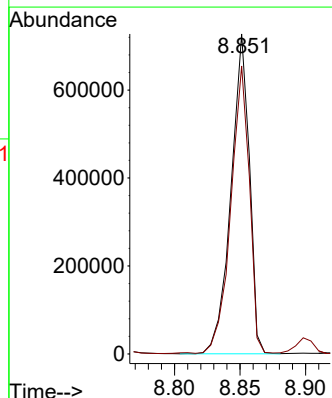
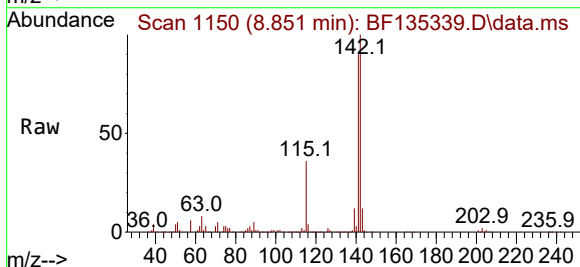
Instrument :
BNA_F
ClientSampleId :
PB155405BS

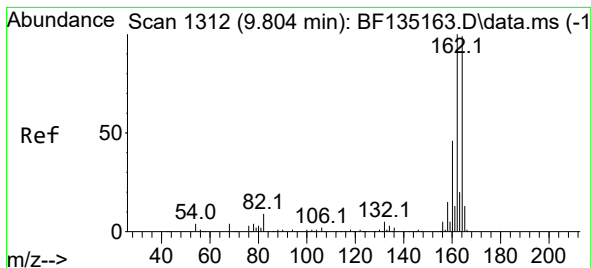
Tgt Ion:142 Resp: 761635
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.6



#38
1-Methylnaphthalene
Concen: 42.007 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:142 Resp: 709441
Ion Ratio Lower Upper
142 100
141 90.0 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

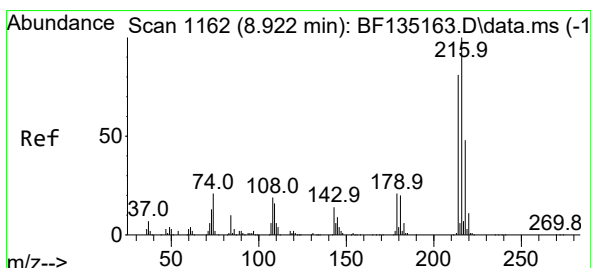
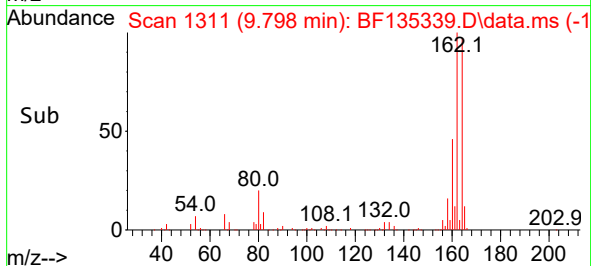
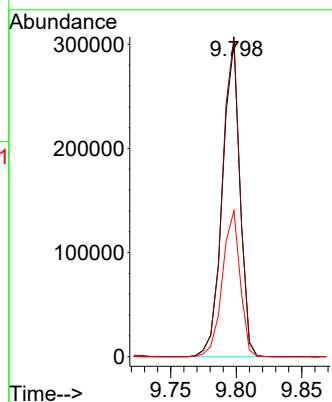
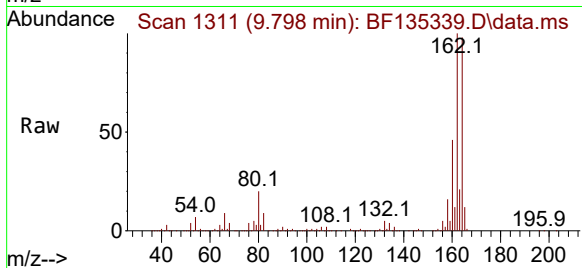
Tgt Ion:164 Resp: 279025

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 46.5 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.569 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Tgt Ion:216 Resp: 352197

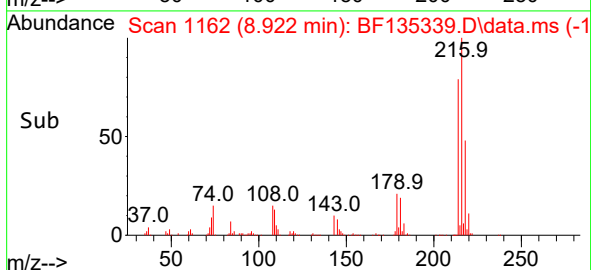
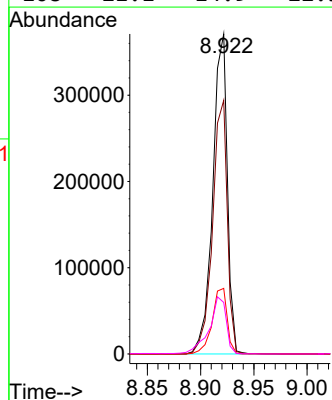
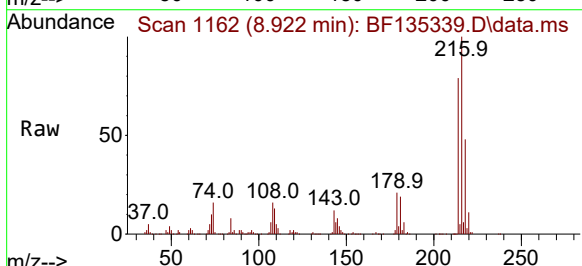
Ion Ratio Lower Upper

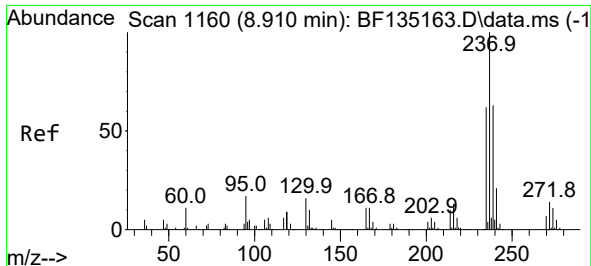
216 100

214 80.2 63.7 95.5

179 21.0 16.7 25.1

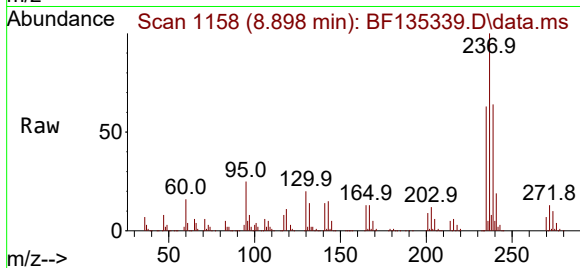
108 21.1 14.9 22.3



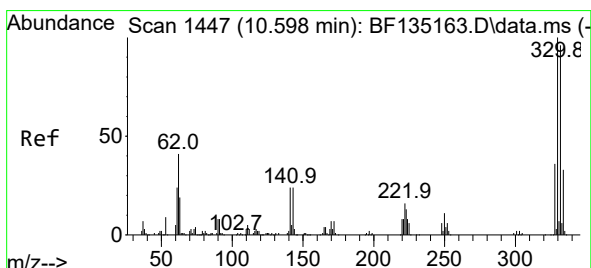
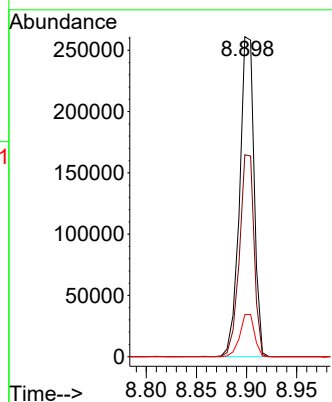
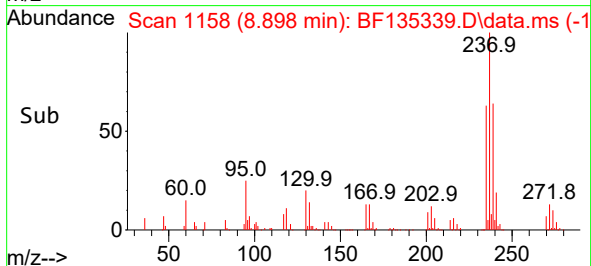


#41
Hexachlorocyclopentadiene
Concen: 74.846 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

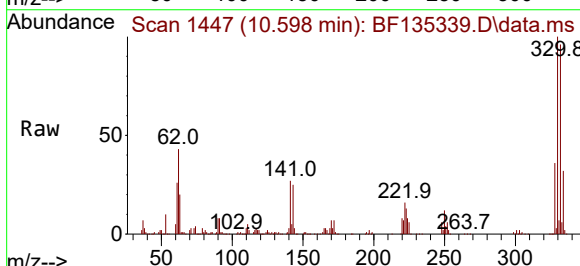
Instrument :
BNA_F
ClientSampleId :
PB155405BS



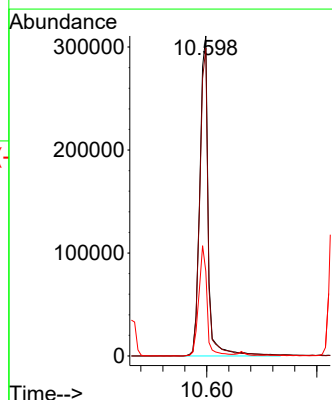
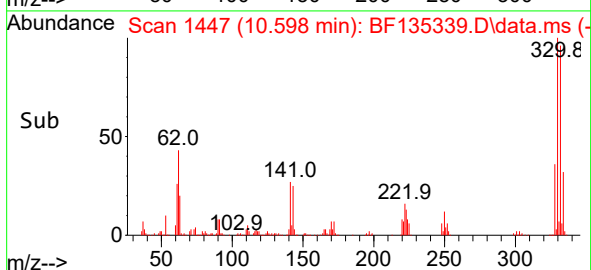
Tgt Ion:237 Resp: 264724
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 13.2 0.0 33.6

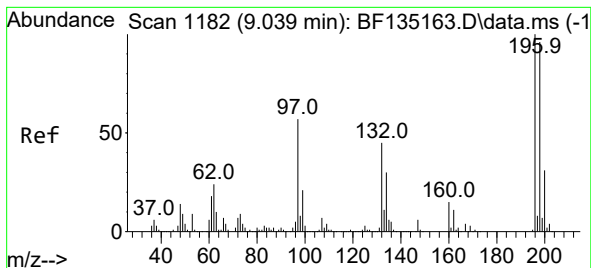


#42
2,4,6-Tribromophenol
Concen: 120.374 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21



Tgt Ion:330 Resp: 333778
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 33.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 44.345 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

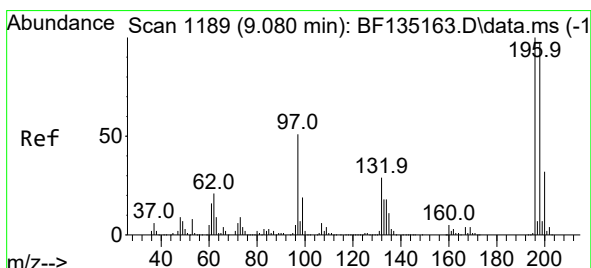
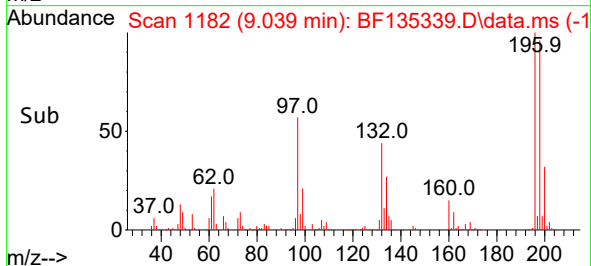
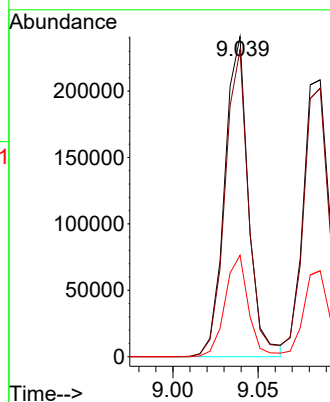
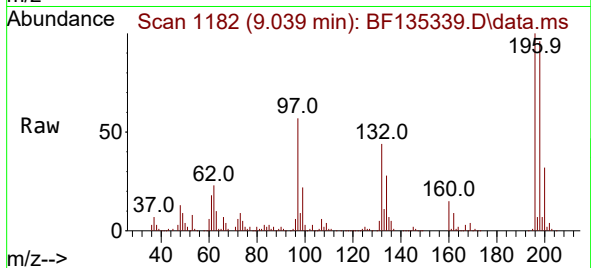
Tgt Ion:196 Resp: 234702

Ion Ratio Lower Upper

196 100

198 95.9 77.0 115.6

200 31.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.802 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Tgt Ion:196 Resp: 273075

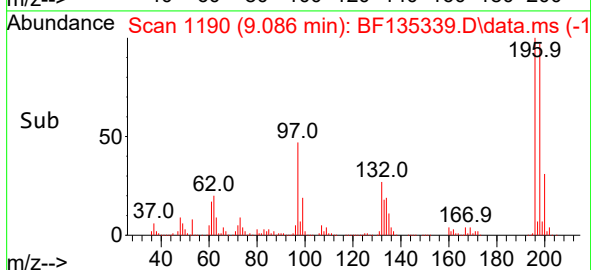
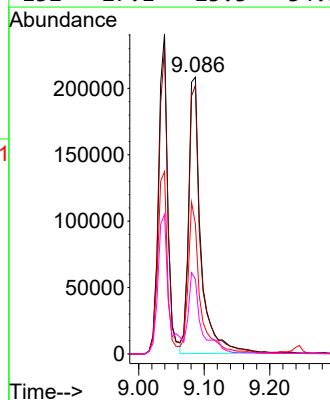
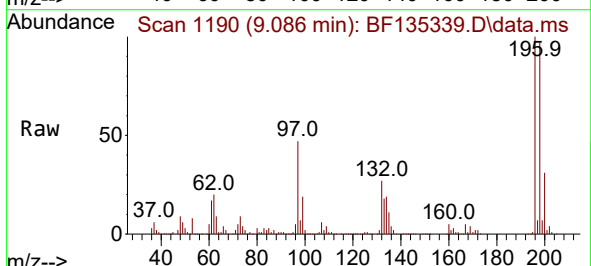
Ion Ratio Lower Upper

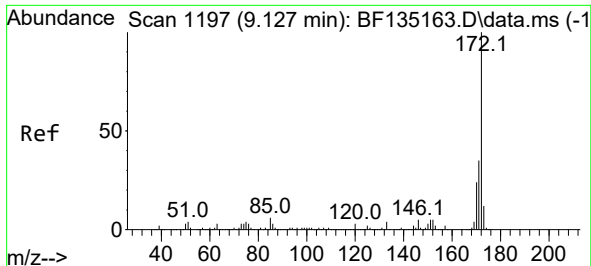
196 100

198 97.0 77.5 116.3

97 46.9 40.5 60.7

132 27.1 23.3 34.9

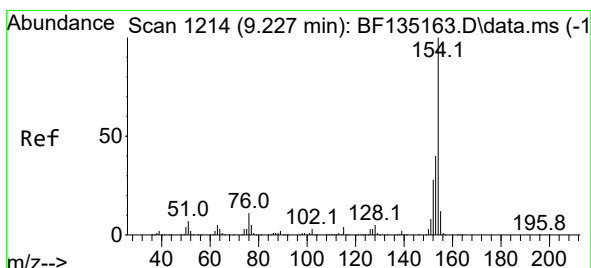
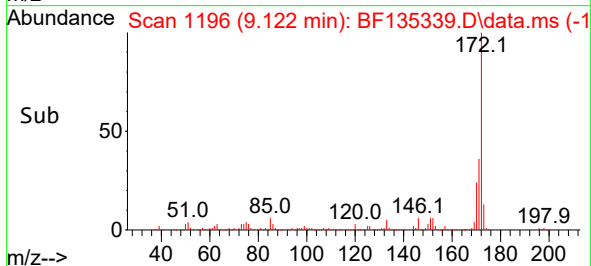
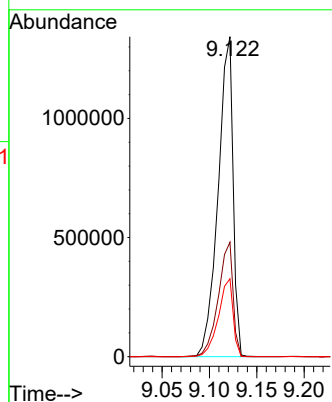
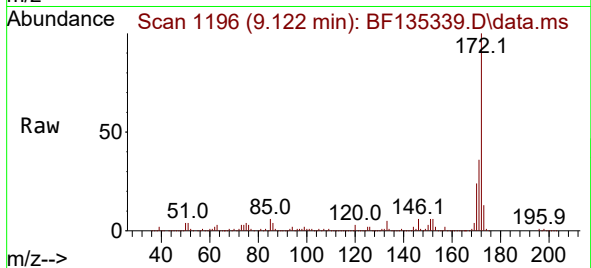




#45
2-Fluorobiphenyl
Concen: 80.027 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

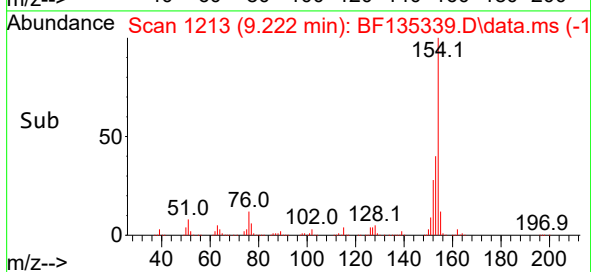
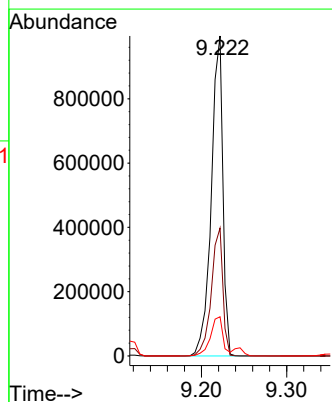
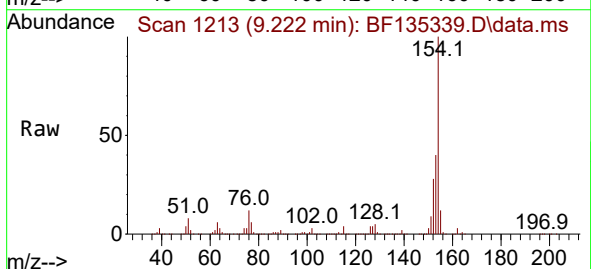
Instrument :
BNA_F
ClientSampleId :
PB155405BS

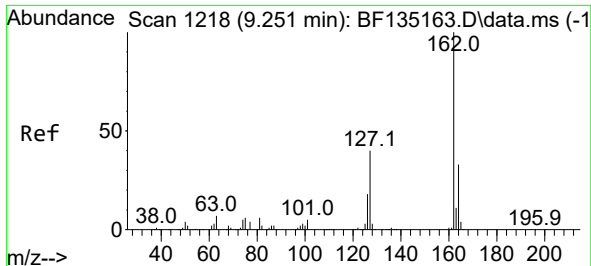
Tgt Ion:172 Resp: 1480033
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.862 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:154 Resp: 940524
Ion Ratio Lower Upper
154 100
153 39.9 19.6 59.6
76 12.2 0.0 31.0

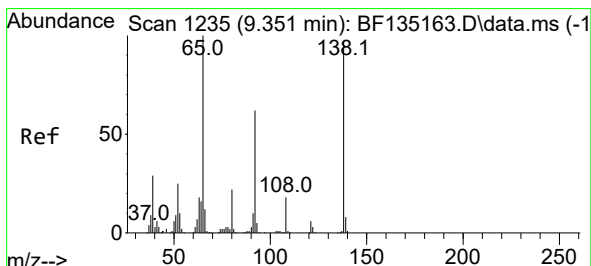
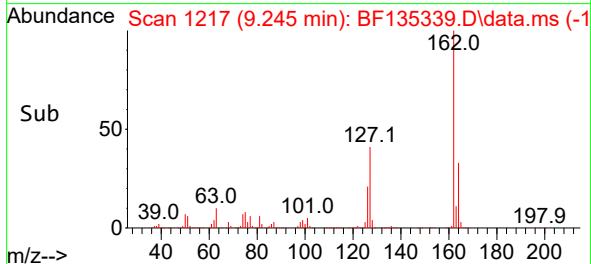
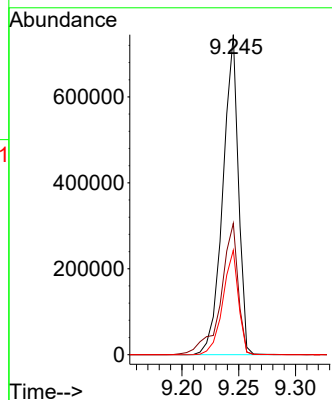
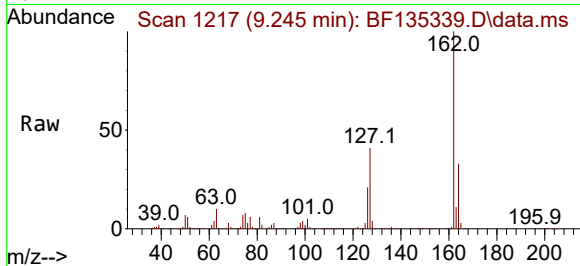




#47
2-Chloronaphthalene
Concen: 45.627 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

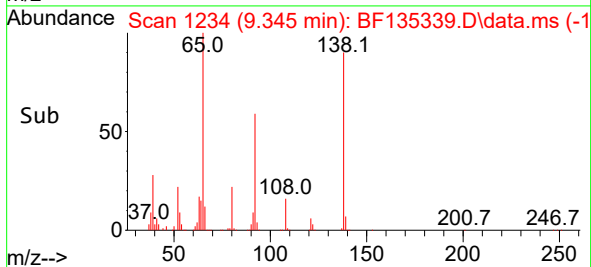
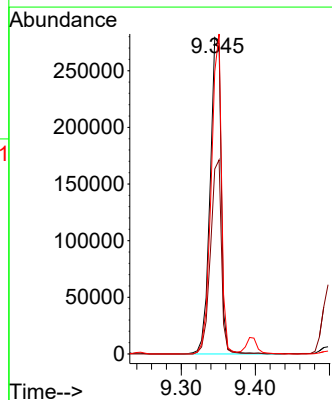
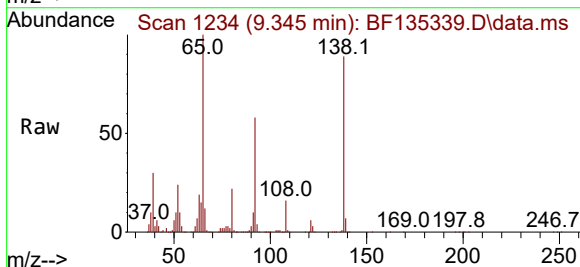
Instrument :
BNA_F
ClientSampleId :
PB155405BS

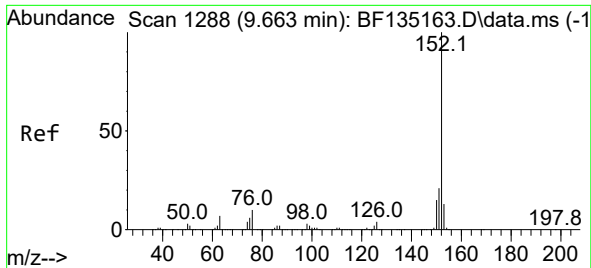
Tgt Ion:162 Resp: 709860
Ion Ratio Lower Upper
162 100
127 41.1 32.6 48.8
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 48.141 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion: 65 Resp: 290974
Ion Ratio Lower Upper
65 100
92 58.5 49.4 74.0
138 89.3 77.4 116.0

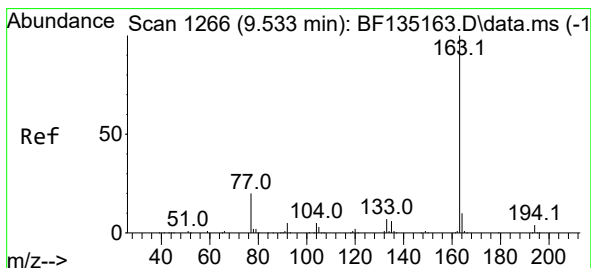
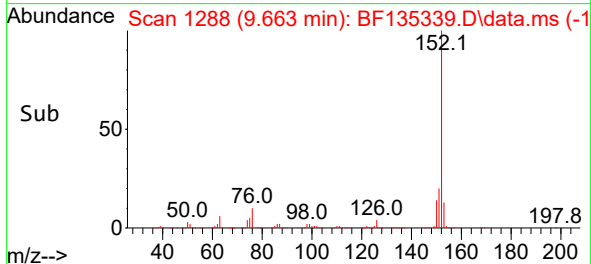
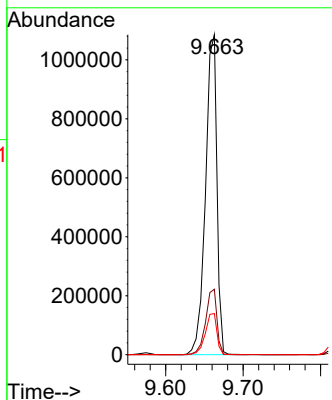
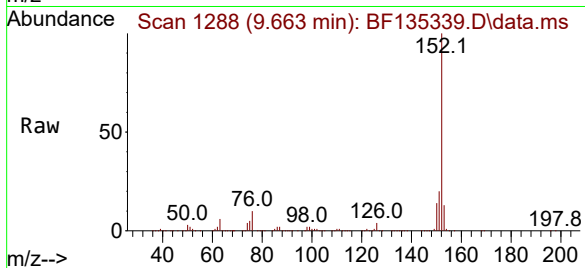




#49
Acenaphthylene
Concen: 42.821 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

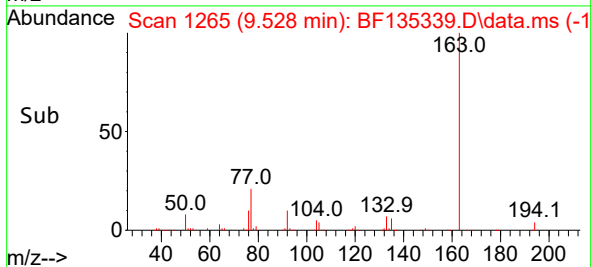
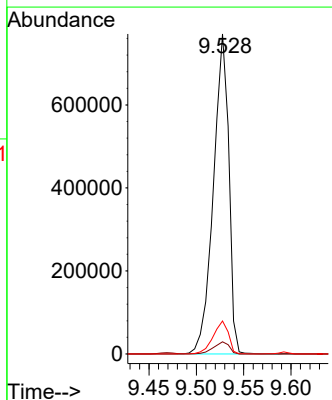
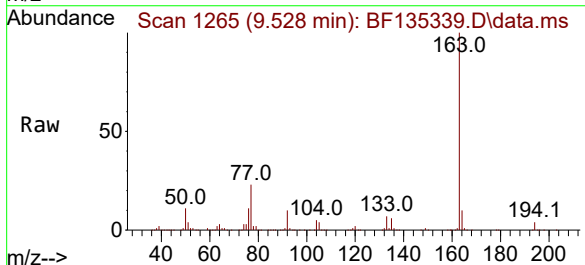
Instrument :
BNA_F
ClientSampleId :
PB155405BS

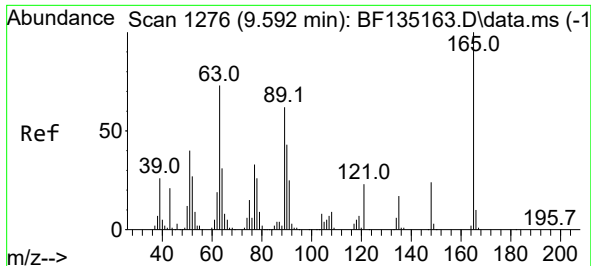
Tgt Ion:152 Resp: 1107173
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 46.241 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:163 Resp: 872328
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.1 12.1

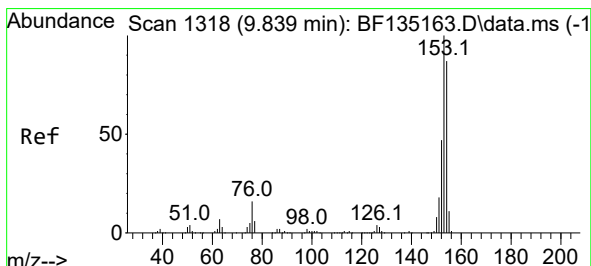
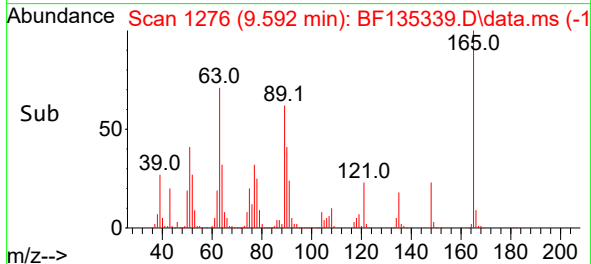
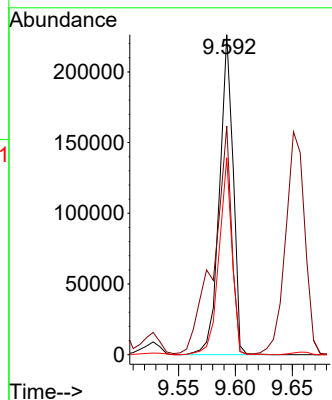
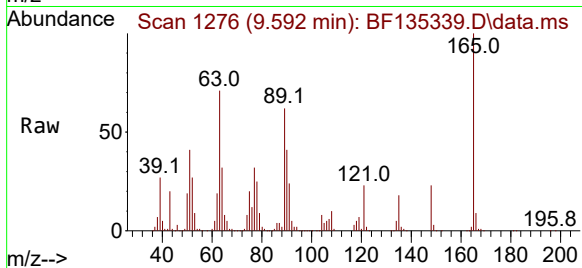




#51
2,6-Dinitrotoluene
Concen: 45.721 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

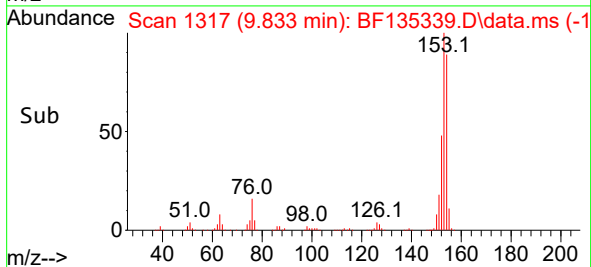
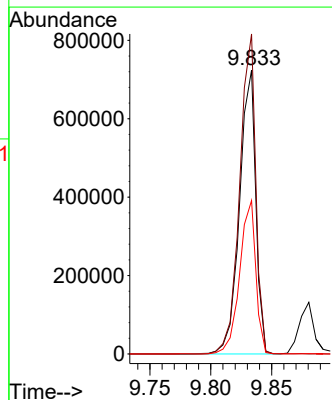
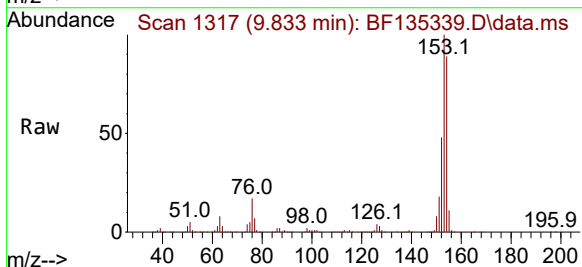
Instrument :
BNA_F
ClientSampleId :
PB155405BS

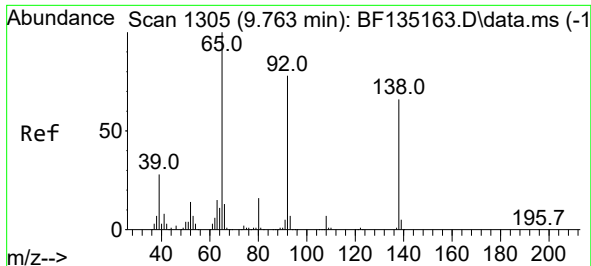
Tgt Ion:165 Resp: 188949
Ion Ratio Lower Upper
165 100
63 71.4 59.4 89.2
89 61.6 49.8 74.8



#52
Acenaphthene
Concen: 44.124 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:154 Resp: 673965
Ion Ratio Lower Upper
154 100
153 112.7 92.1 138.1
152 54.0 43.1 64.7

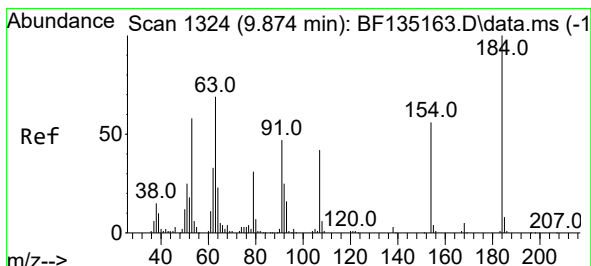
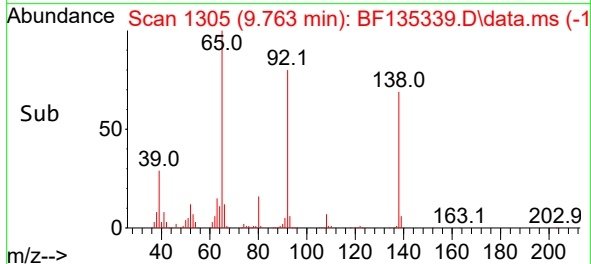
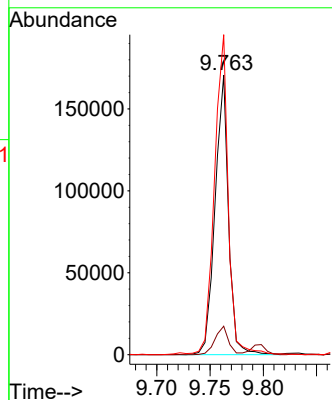
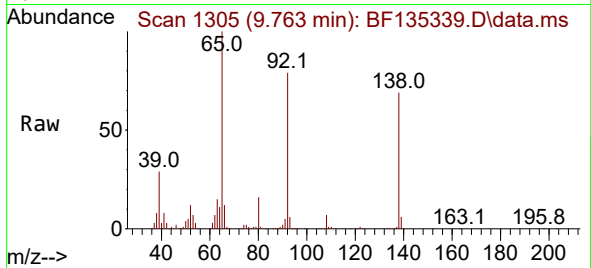




#53
3-Nitroaniline
Concen: 31.004 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

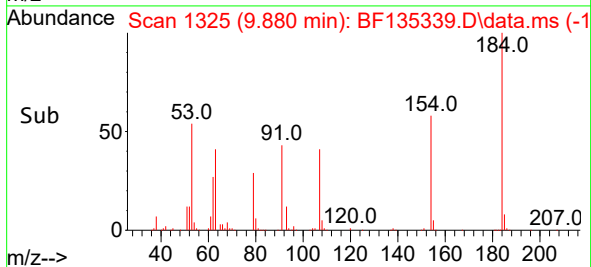
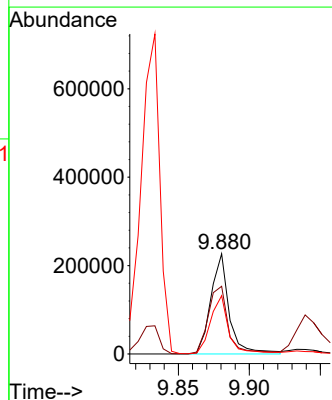
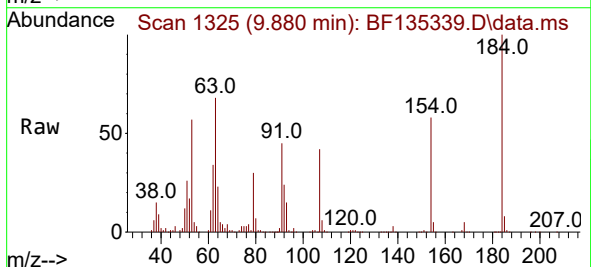
Instrument :
BNA_F
ClientSampleId :
PB155405BS

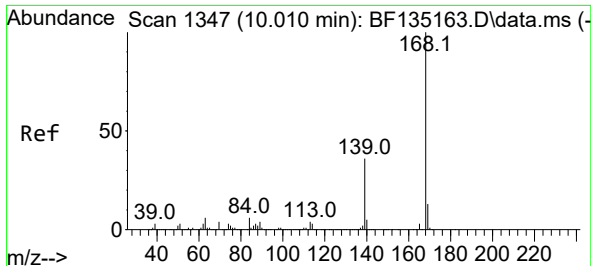
Tgt Ion:138 Resp: 150403
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 114.4 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 86.091 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:184 Resp: 203189
Ion Ratio Lower Upper
184 100
63 67.6 55.1 82.7
154 58.2 48.4 72.6

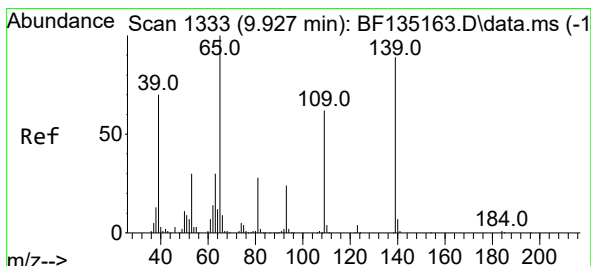
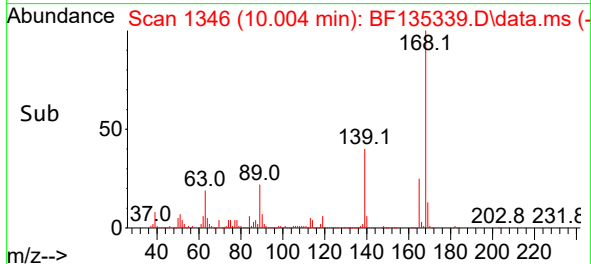
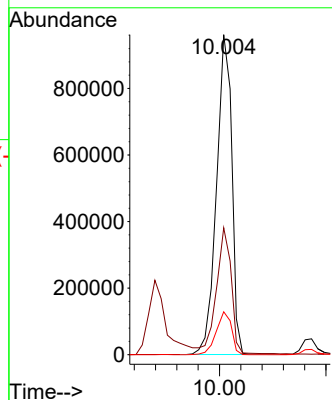
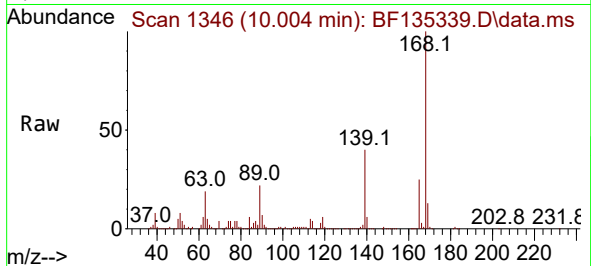




#55
Dibenzenofuran
Concen: 40.902 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

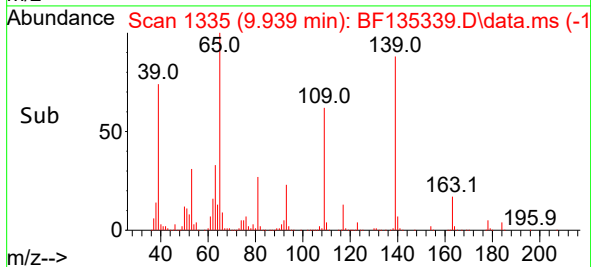
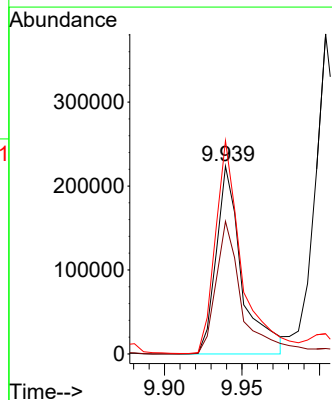
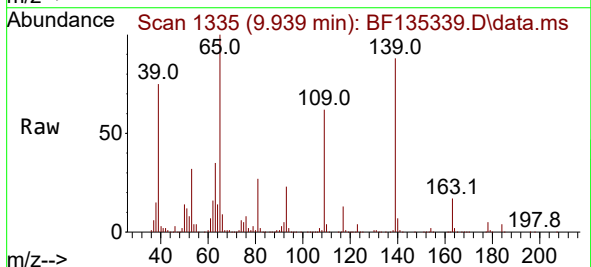
Instrument :
BNA_F
ClientSampleId :
PB155405BS

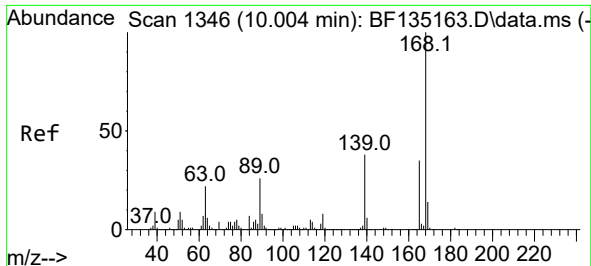
Tgt Ion:168 Resp: 953352
Ion Ratio Lower Upper
168 100
139 39.6 29.0 43.6
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 83.324 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:139 Resp: 256896
Ion Ratio Lower Upper
139 100
109 70.6 49.8 89.8
65 113.5 92.7 132.7

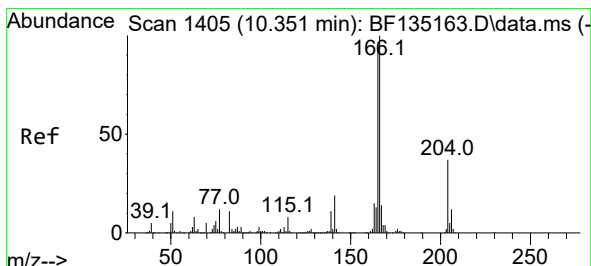
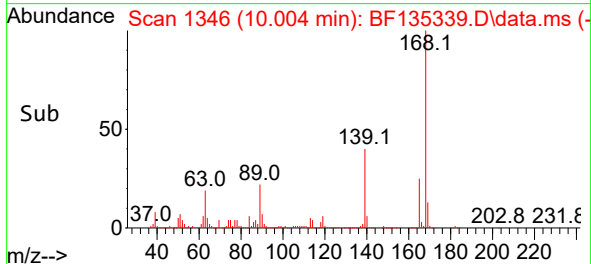
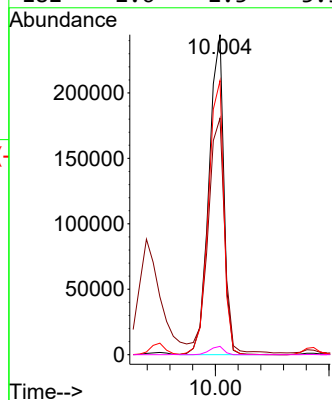
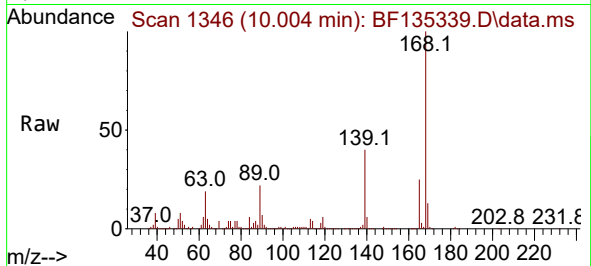




#57
2,4-Dinitrotoluene
Concen: 42.804 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

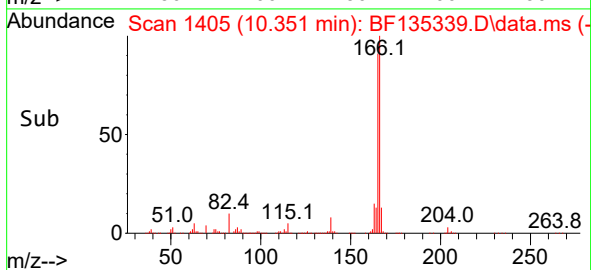
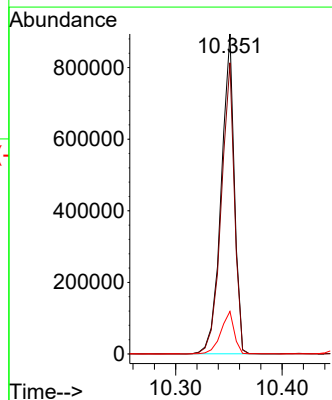
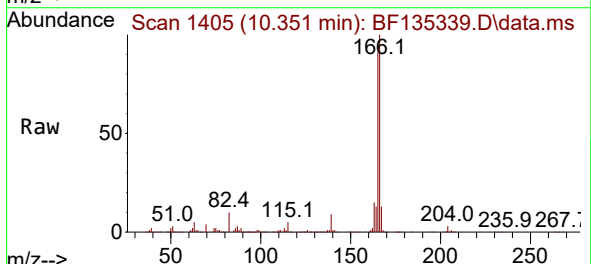
Instrument :
BNA_F
ClientSampleId :
PB155405BS

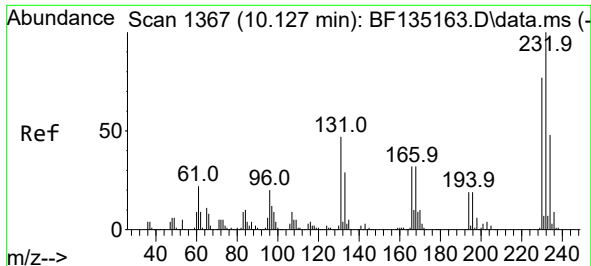
Tgt Ion:165 Resp: 221456
Ion Ratio Lower Upper
165 100
63 73.9 50.1 75.1
89 85.6 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 42.540 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:166 Resp: 762259
Ion Ratio Lower Upper
166 100
165 91.0 74.3 111.5
167 13.3 10.9 16.3

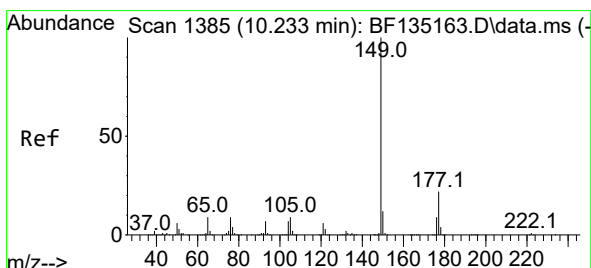
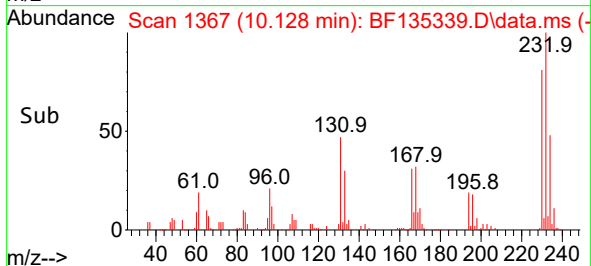
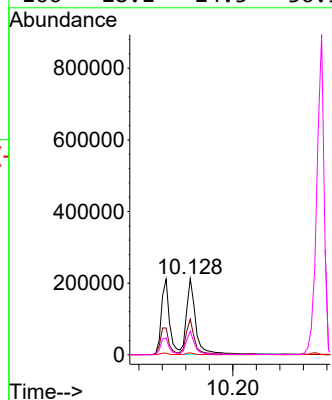
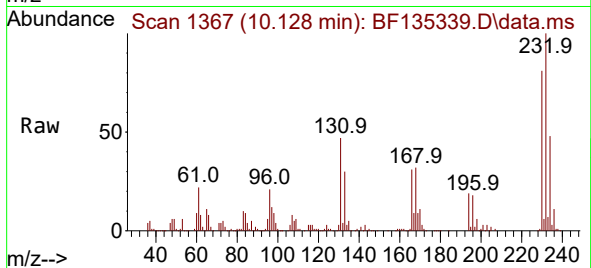




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.812 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

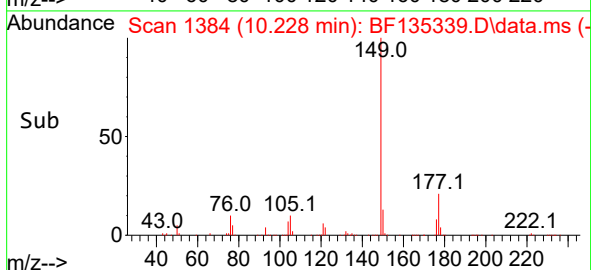
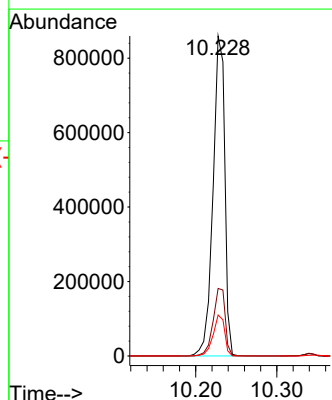
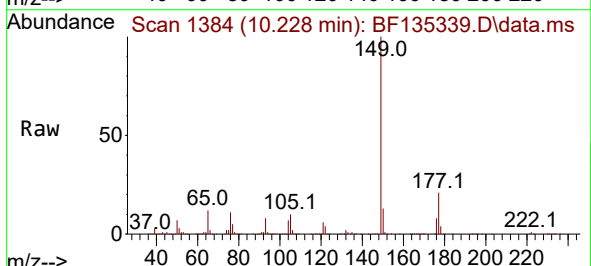
Instrument :
BNA_F
ClientSampleId :
PB155405BS

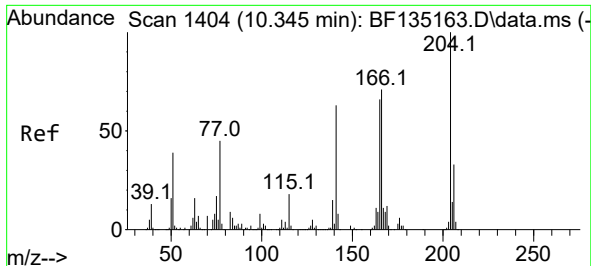
Tgt Ion:232 Resp: 228860
Ion Ratio Lower Upper
232 100
131 45.2 35.4 53.2
130 2.1 1.8 2.8
166 28.1 24.3 36.5



#60
Diethylphthalate
Concen: 45.576 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:149 Resp: 862881
Ion Ratio Lower Upper
149 100
177 21.1 17.8 26.6
150 12.8 10.0 15.0

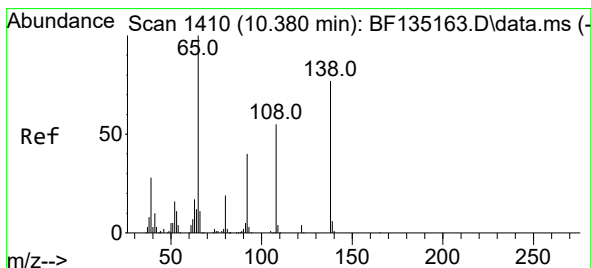
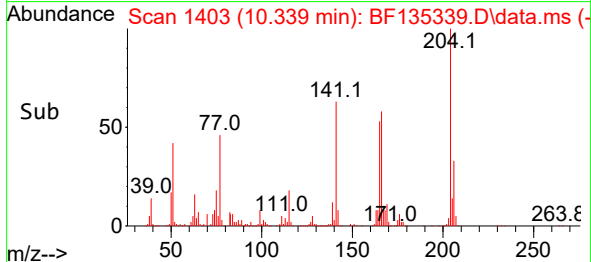
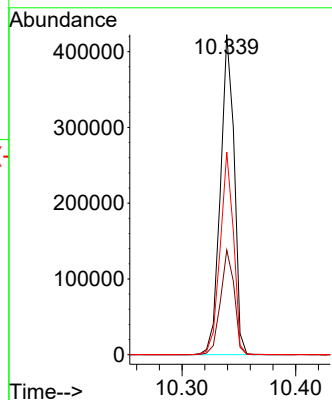
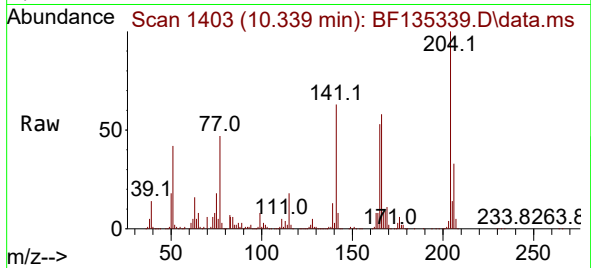




#61
4-Chlorophenyl-phenylether
Concen: 41.428 ng
RT: 10.339 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

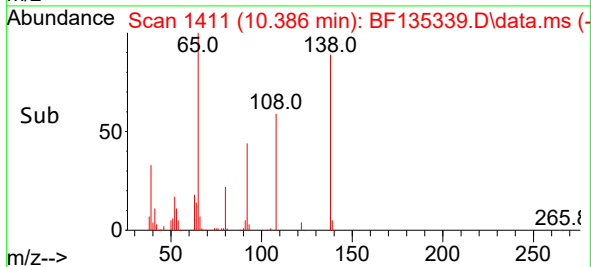
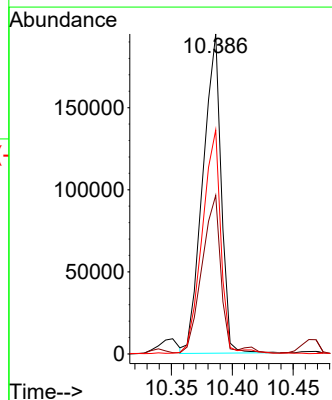
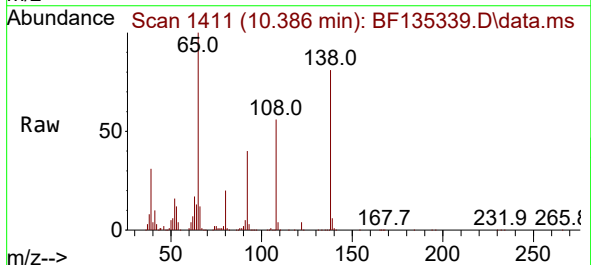
Instrument :
BNA_F
ClientSampleId :
PB155405BS

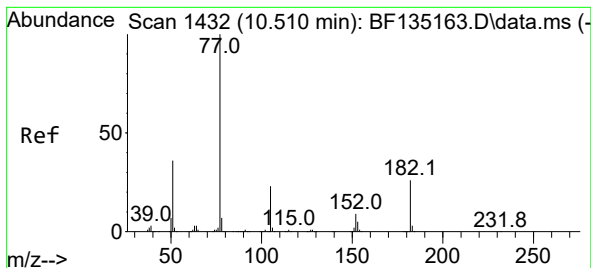
Tgt Ion:204 Resp: 356596
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 63.4 50.6 75.8



#62
4-Nitroaniline
Concen: 43.515 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:138 Resp: 202913
Ion Ratio Lower Upper
138 100
92 49.5 31.8 71.8
108 70.0 52.0 92.0





#63

Azobenzene

Concen: 46.488 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

Tgt Ion: 77 Resp: 861386

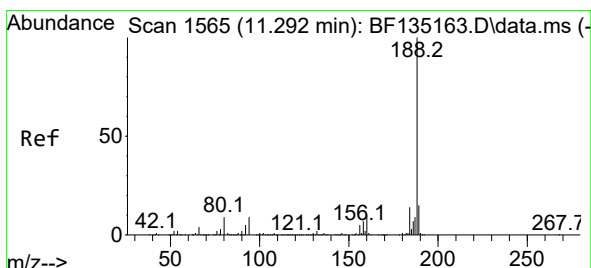
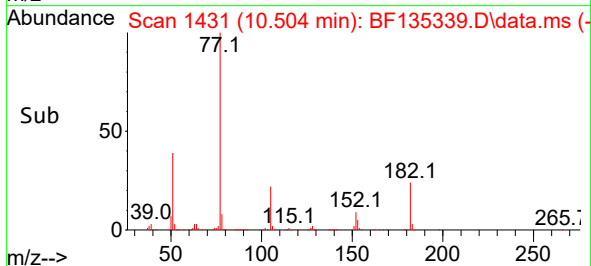
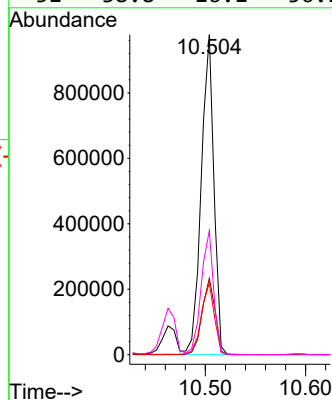
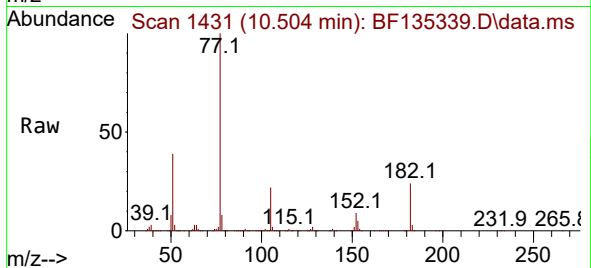
Ion Ratio Lower Upper

77 100

182 23.8 6.4 46.4

105 22.4 3.1 43.1

51 38.8 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

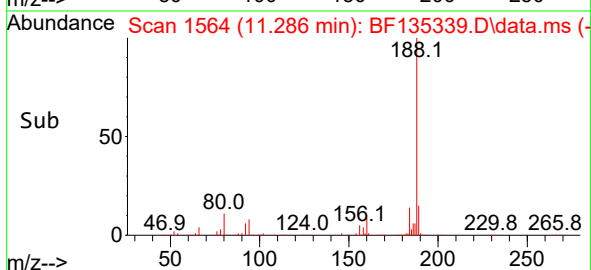
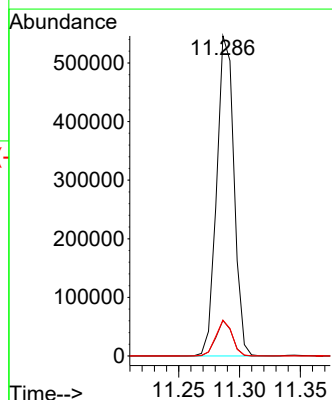
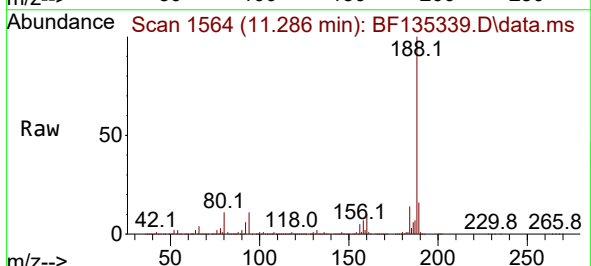
Tgt Ion: 188 Resp: 541912

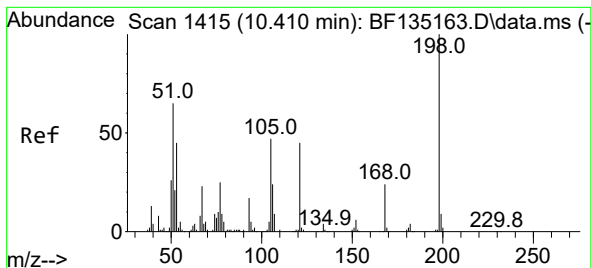
Ion Ratio Lower Upper

188 100

94 11.1 7.0 10.6#

80 11.2 7.5 11.3

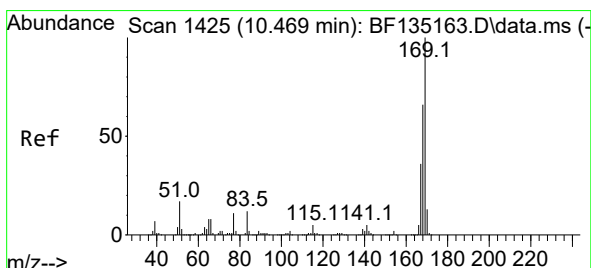
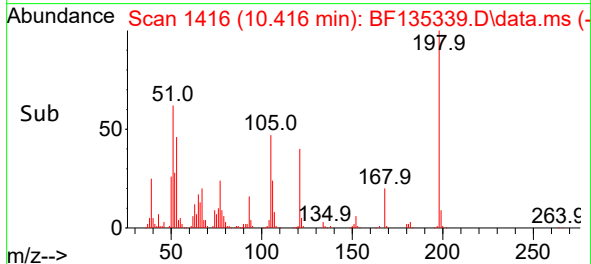
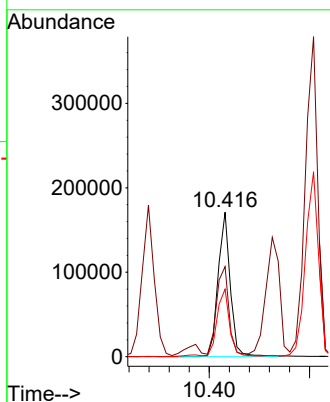
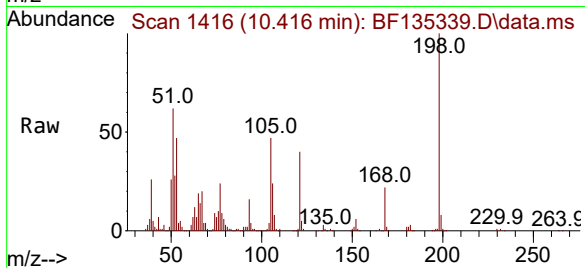




#65
4,6-Dinitro-2-methylphenol
Concen: 49.818 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

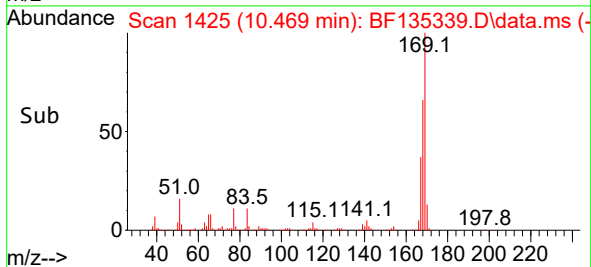
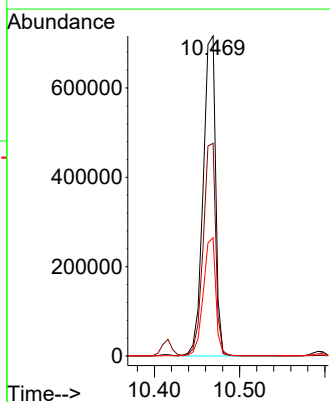
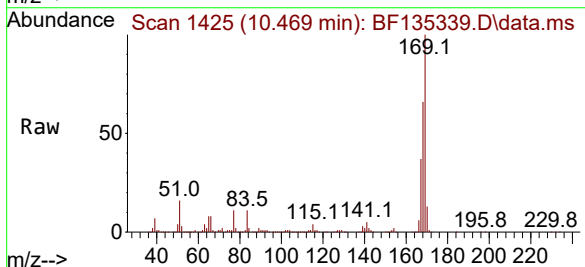
Instrument :
BNA_F
ClientSampleId :
PB155405BS

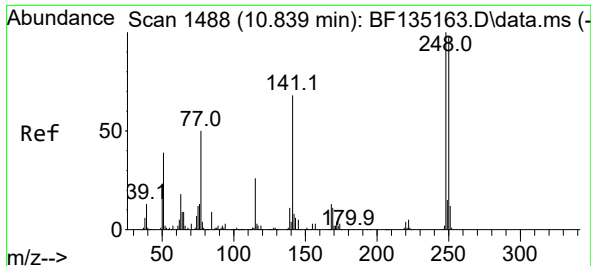
Tgt Ion:198 Resp: 143389
Ion Ratio Lower Upper
198 100
51 62.3 47.7 87.7
105 46.8 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 44.176 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:169 Resp: 724757
Ion Ratio Lower Upper
169 100
168 66.4 52.8 79.2
167 37.0 29.0 43.6

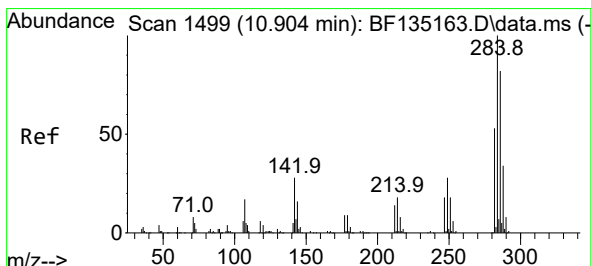
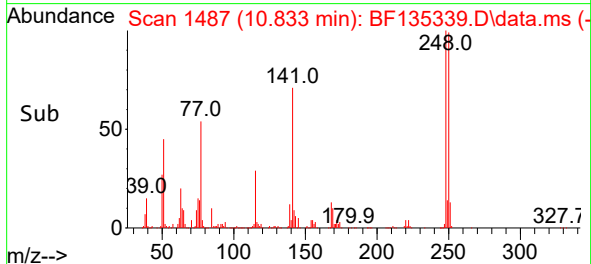
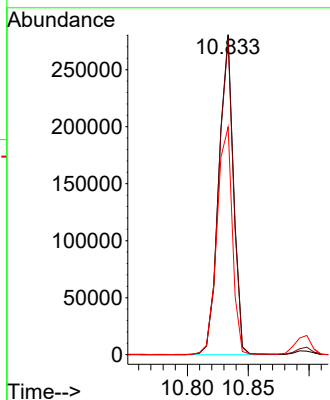
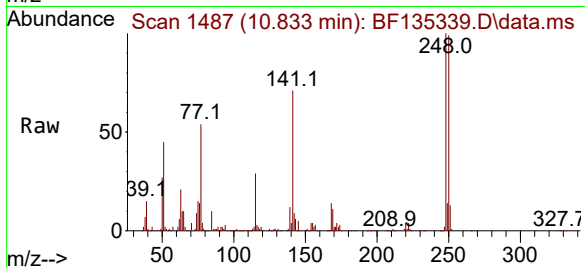




#67
4-Bromophenyl-phenylether
Concen: 43.987 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

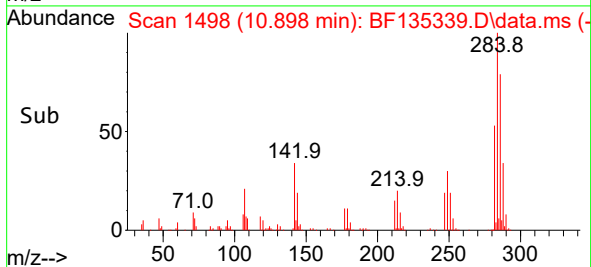
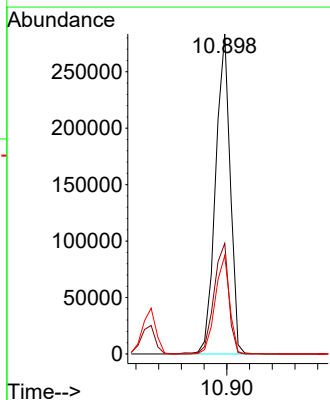
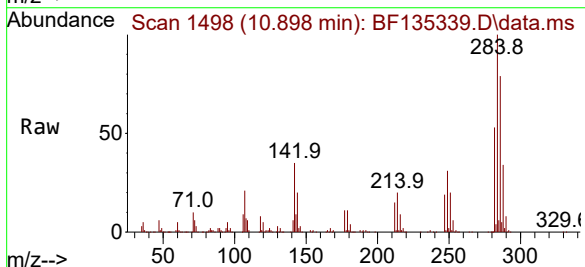
Instrument :
BNA_F
ClientSampleId :
PB155405BS

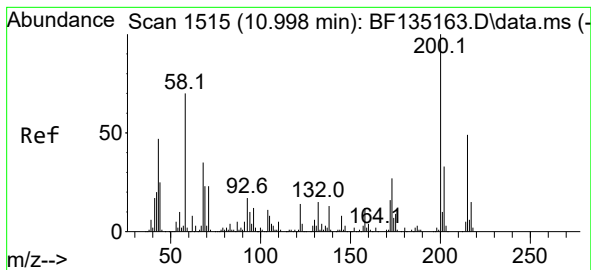
Tgt Ion:248 Resp: 237079
Ion Ratio Lower Upper
248 100
250 98.6 78.6 117.8
141 71.2 54.2 81.2



#68
Hexachlorobenzene
Concen: 46.173 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:284 Resp: 253528
Ion Ratio Lower Upper
284 100
142 34.5 22.2 33.4#
249 30.8 22.5 33.7





#69

Atrazine

Concen: 53.908 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

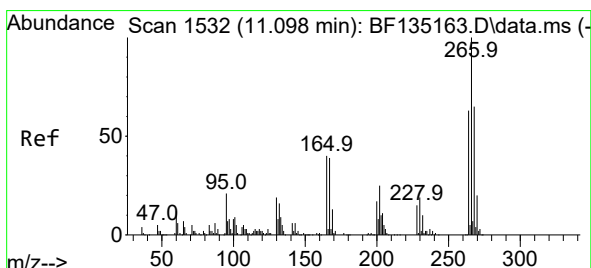
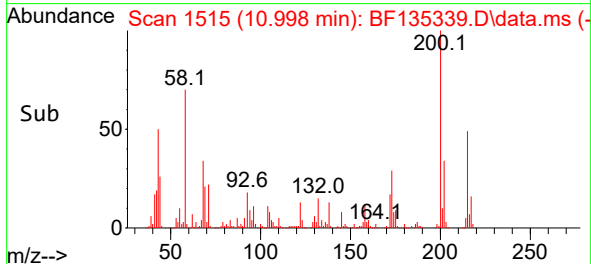
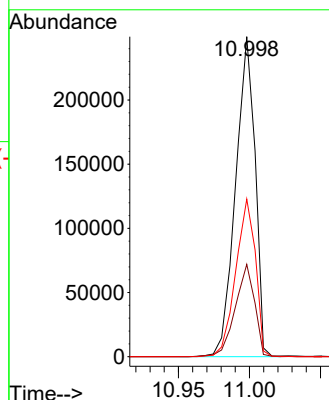
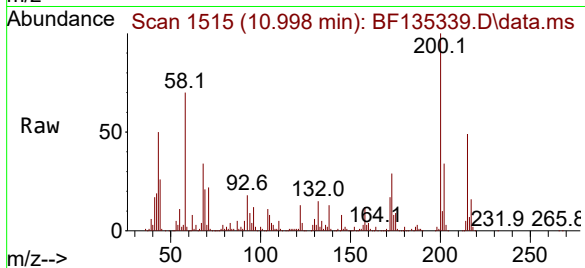
Tgt Ion:200 Resp: 237975

Ion Ratio Lower Upper

200 100

173 28.9 7.4 47.4

215 49.3 28.6 68.6



#70

Pentachlorophenol

Concen: 75.896 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

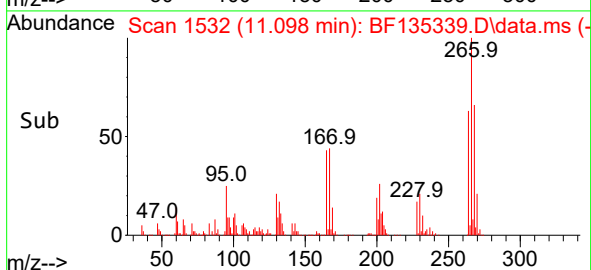
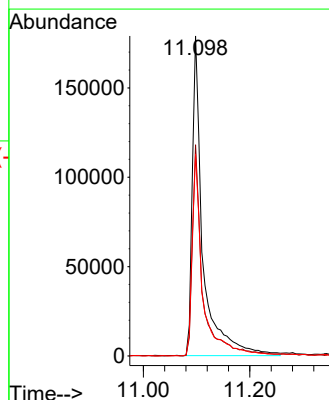
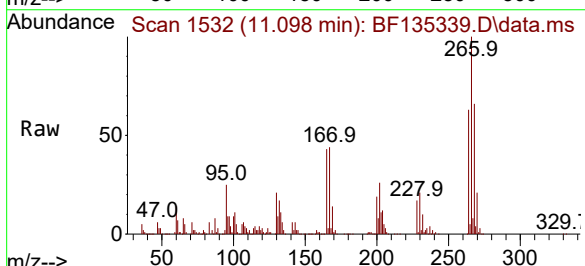
Tgt Ion:266 Resp: 249332

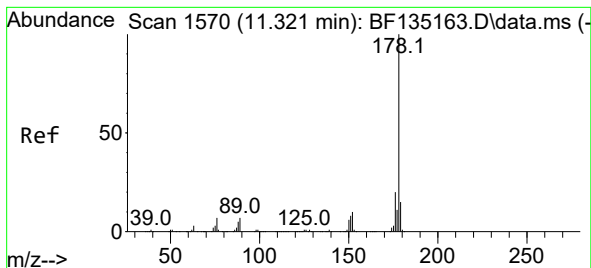
Ion Ratio Lower Upper

266 100

268 66.0 52.1 78.1

264 63.2 50.8 76.2





#71

Phenanthrene

Concen: 44.671 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

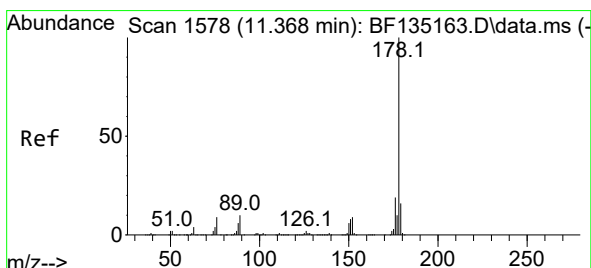
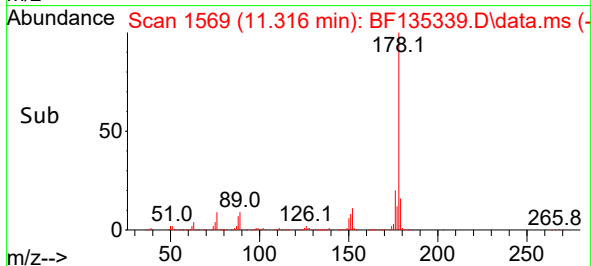
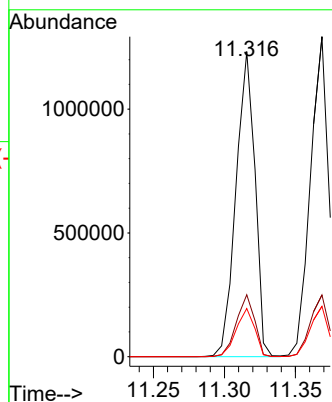
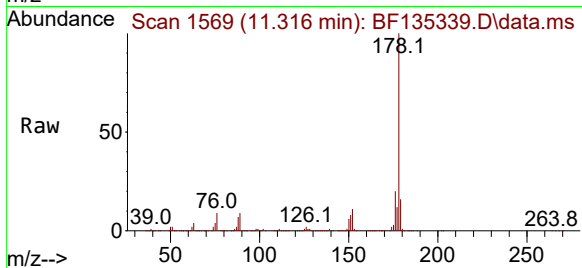
Tgt Ion:178 Resp: 1144929

Ion Ratio Lower Upper

178 100

176 20.3 15.6 23.4

179 15.8 12.0 18.0



#72

Anthracene

Concen: 44.043 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

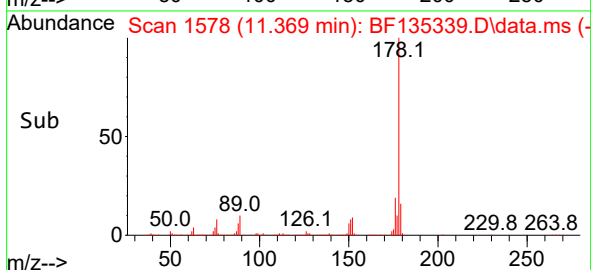
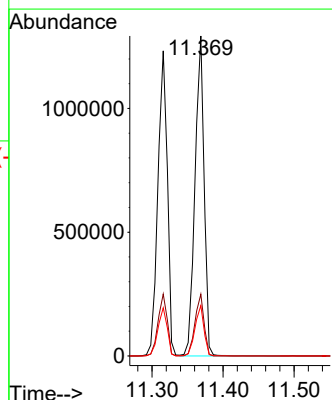
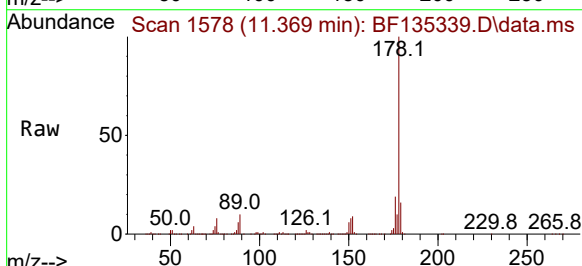
Tgt Ion:178 Resp: 1160313

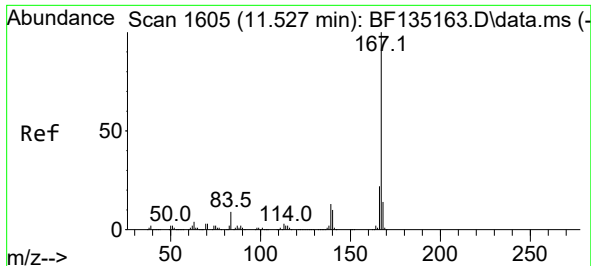
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.7 12.6 19.0

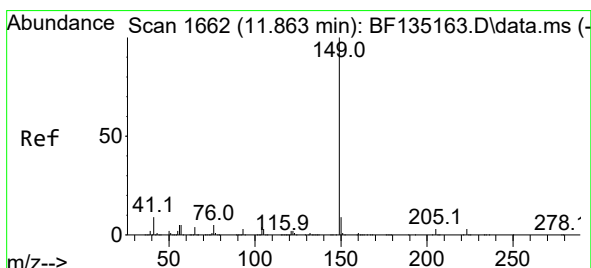
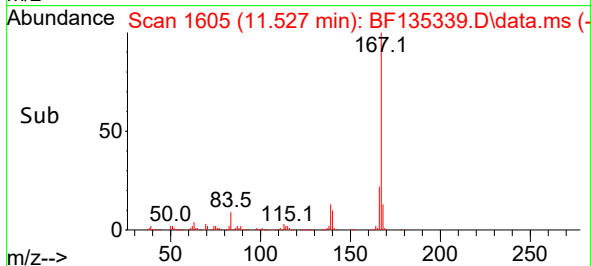
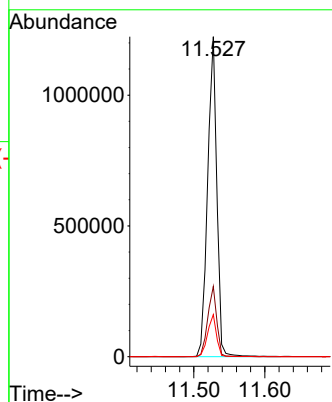
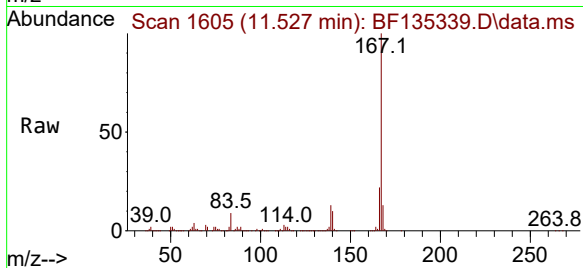




#73
 Carbazole
 Concen: 45.915 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

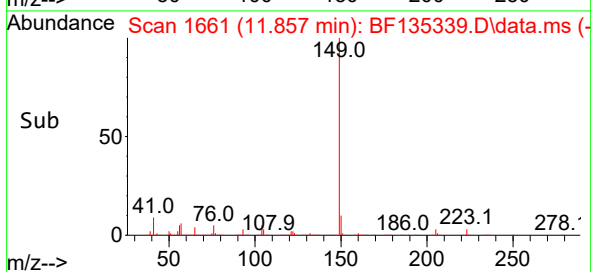
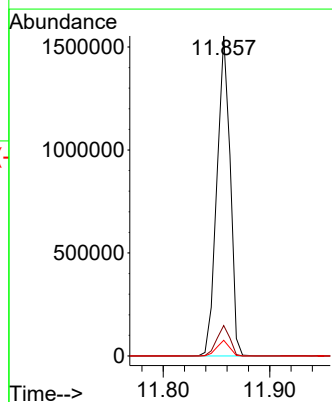
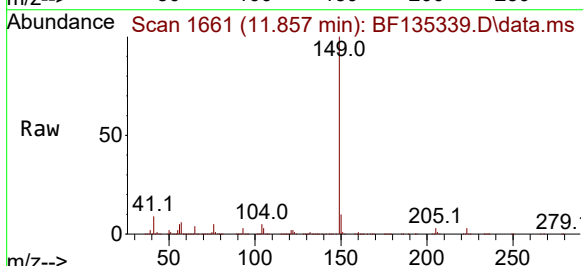
Instrument :
 BNA_F
 ClientSampleId :
 PB155405BS

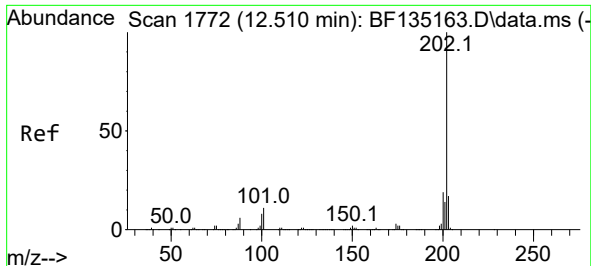
Tgt Ion:167 Resp: 1101149
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.1 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 47.404 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

Tgt Ion:149 Resp: 1339623
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 4.9 3.6 5.4

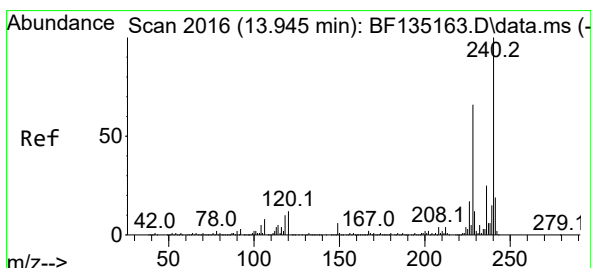
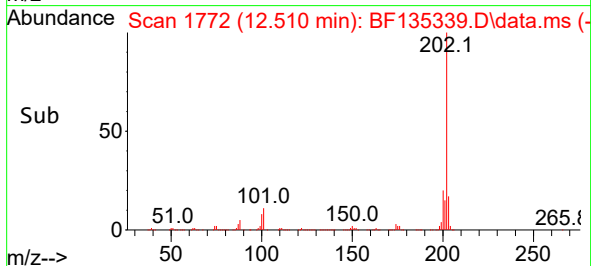
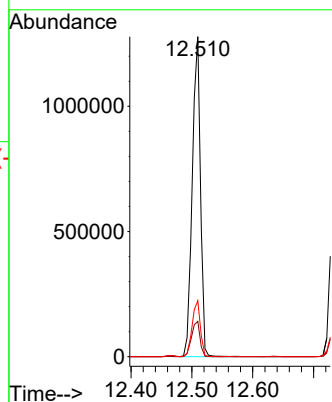
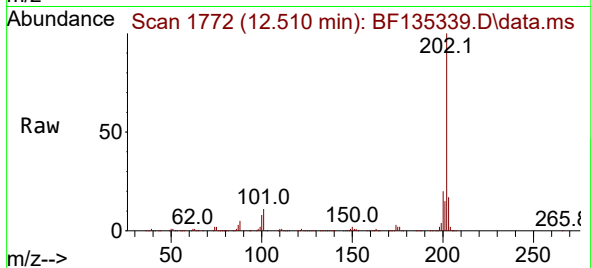




#75
Fluoranthene
Concen: 44.839 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

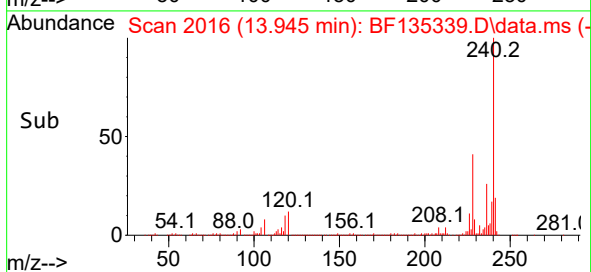
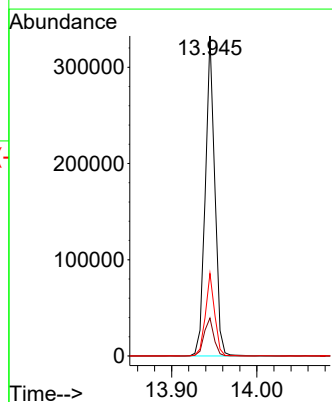
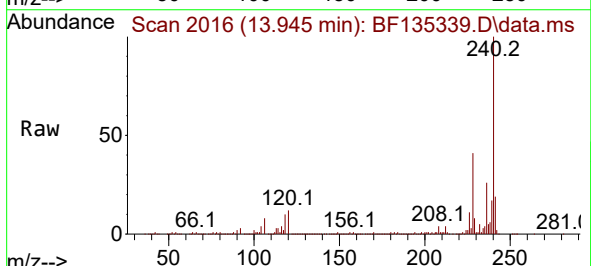
Instrument :
BNA_F
ClientSampleId :
PB155405BS

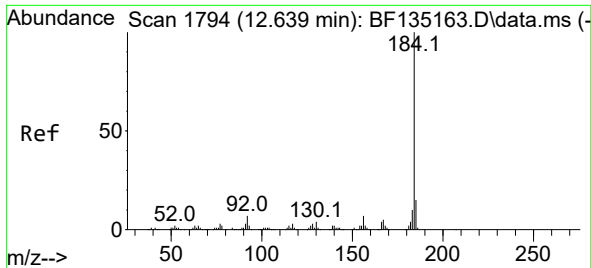
Tgt Ion:202 Resp: 1197482
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.3
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:240 Resp: 257480
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.8 19.8 29.8

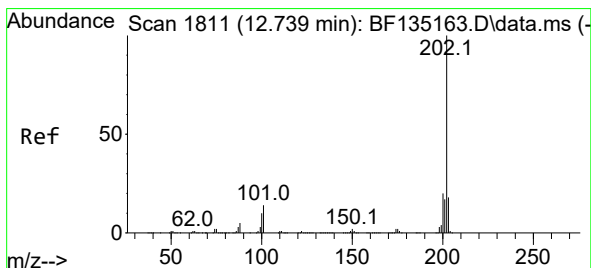
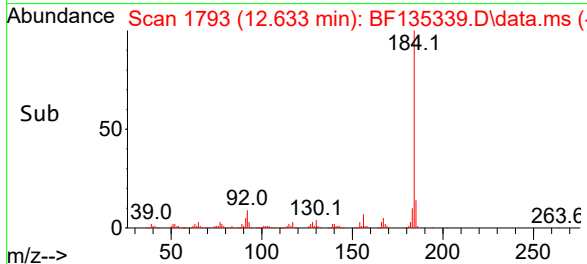
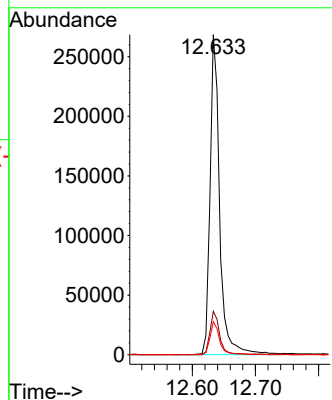
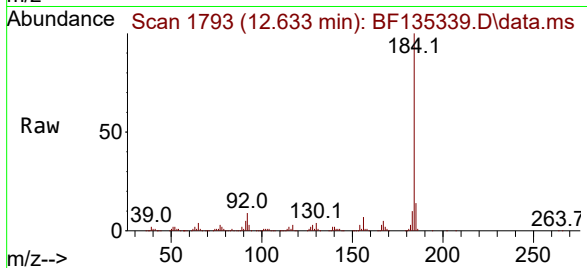




#77
Benzidine
Concen: 53.912 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

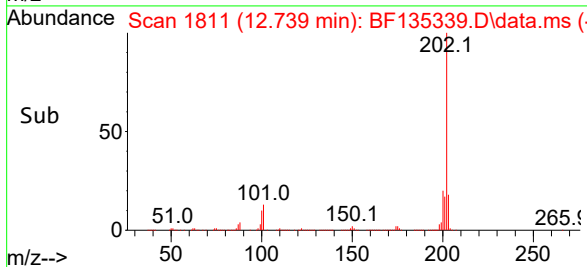
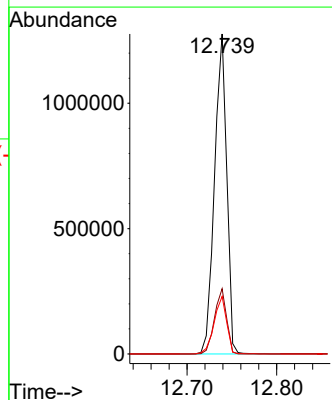
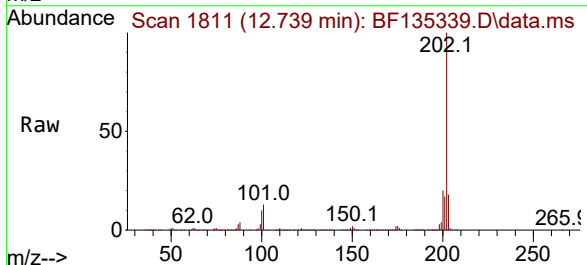
Instrument :
BNA_F
ClientSampleId :
PB155405BS

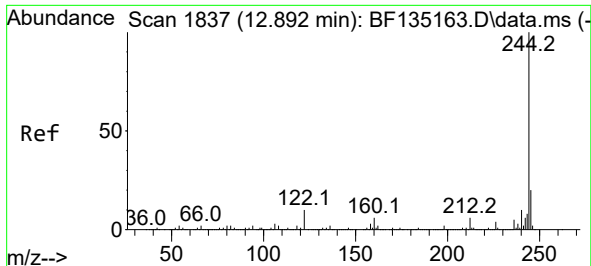
Tgt Ion:184 Resp: 284385
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 10.3 8.2 12.4



#78
Pyrene
Concen: 49.193 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

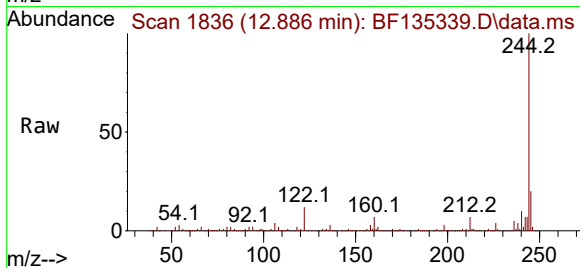
Tgt Ion:202 Resp: 1205919
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 18.0 14.2 21.4



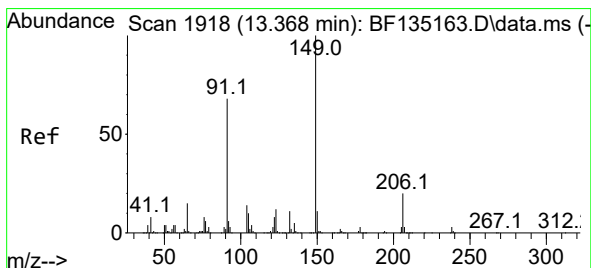
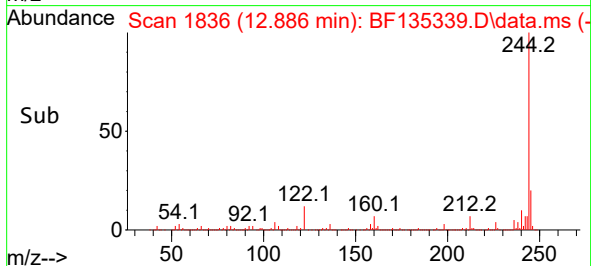
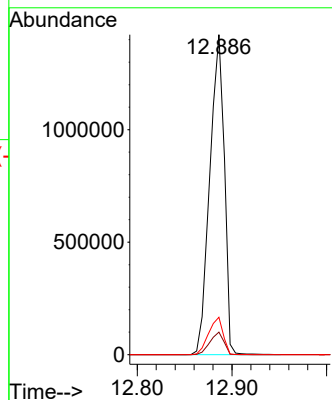


#79
 Terphenyl-d14
 Concen: 90.841 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB155405BS

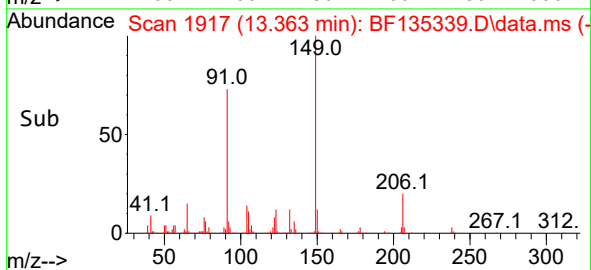
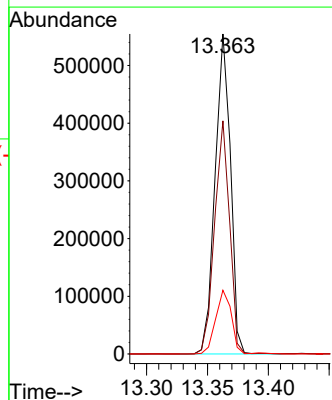
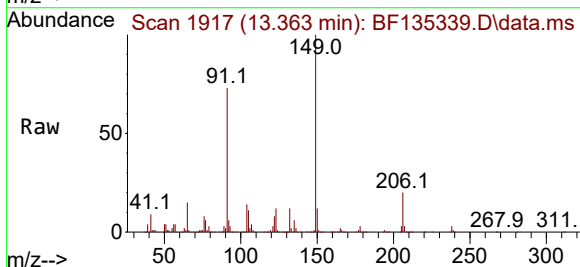


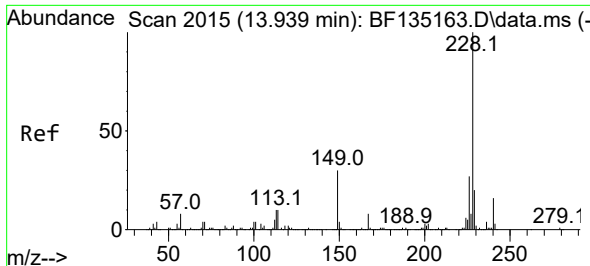
Tgt Ion:244 Resp: 1508831
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 11.7 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 56.618 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135339.D
 Acq: 19 Sep 2023 17:21

Tgt Ion:149 Resp: 488668
 Ion Ratio Lower Upper
 149 100
 91 72.9 54.7 82.1
 206 19.9 16.3 24.5

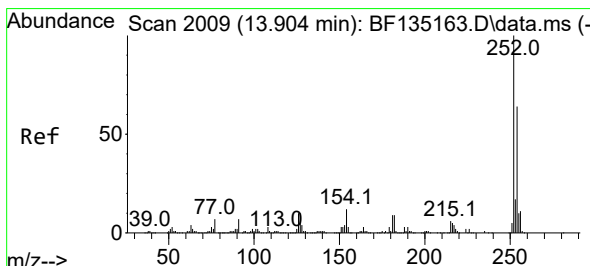
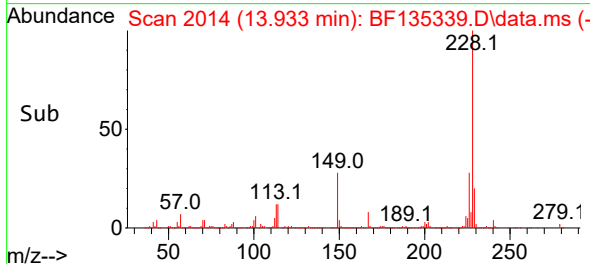
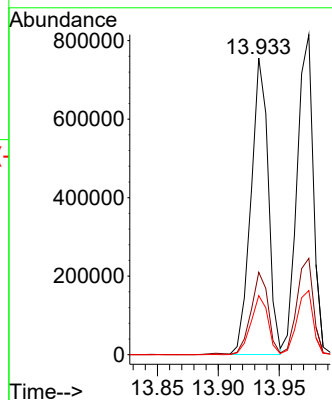
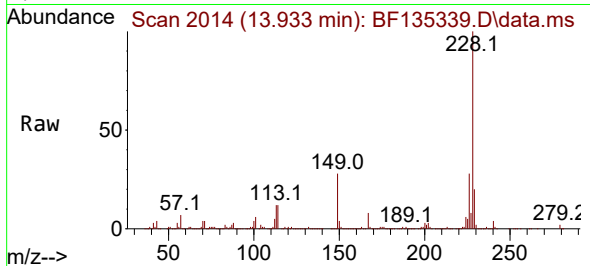




#81
Benzo(a)anthracene
Concen: 44.834 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

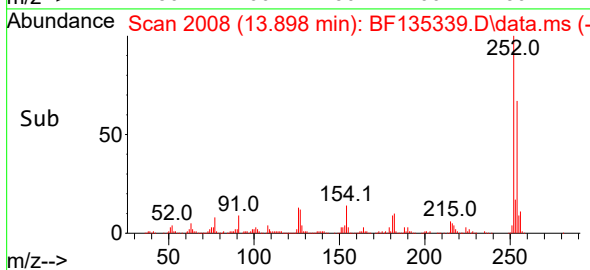
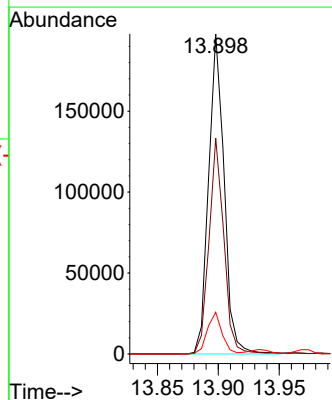
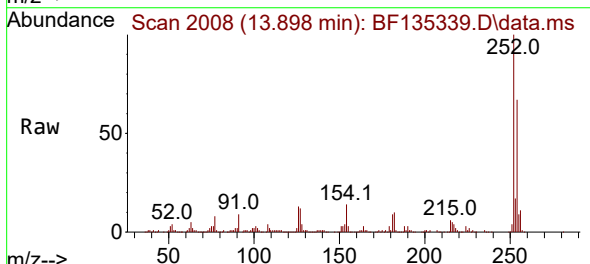
Instrument :
BNA_F
ClientSampleId :
PB155405BS

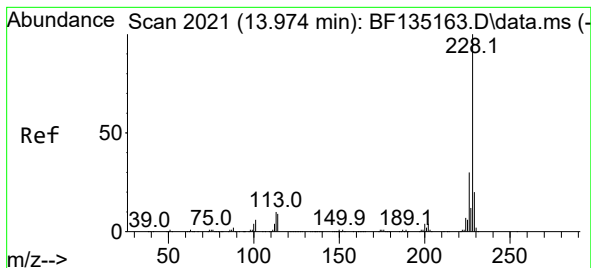
Tgt Ion:228 Resp: 745415
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 33.639 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:252 Resp: 174695
Ion Ratio Lower Upper
252 100
254 67.5 51.0 76.4
126 13.1 7.8 11.8#





#83

Chrysene

Concen: 45.936 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

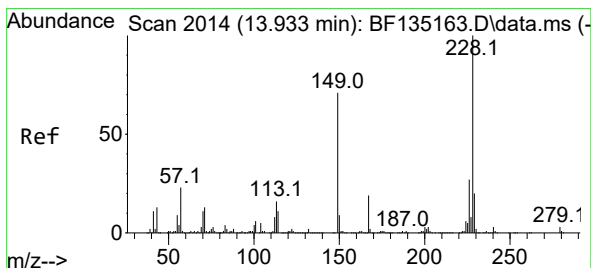
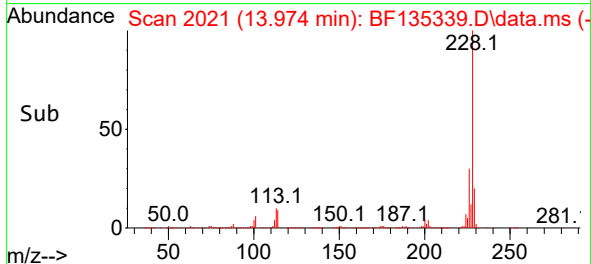
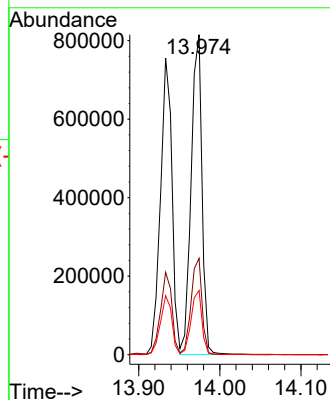
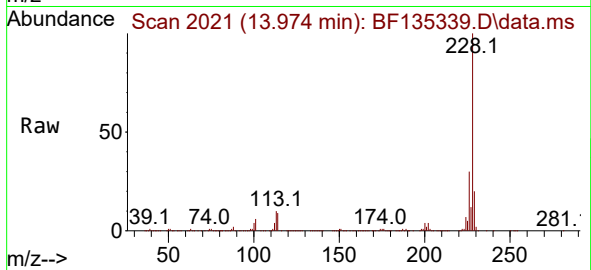
Tgt Ion:228 Resp: 759339

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.931 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

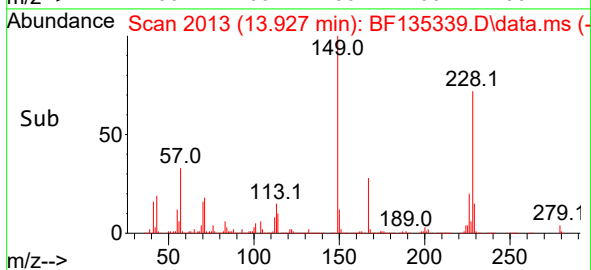
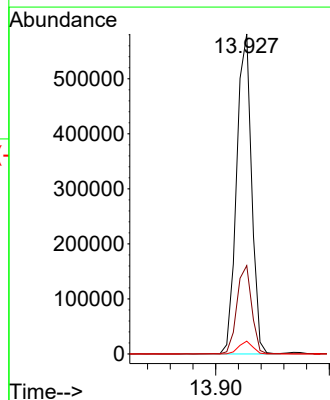
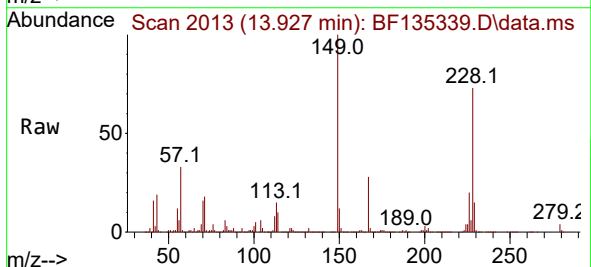
Tgt Ion:149 Resp: 530806

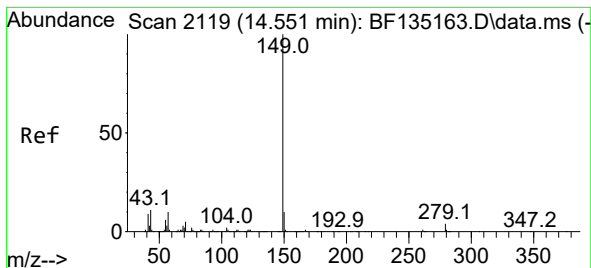
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 58.735 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

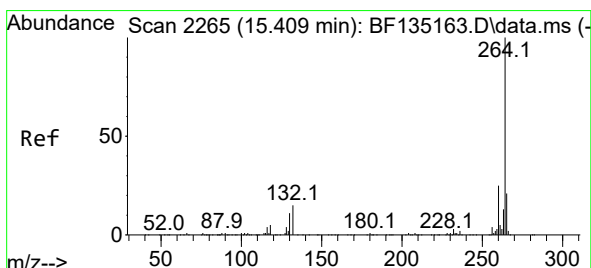
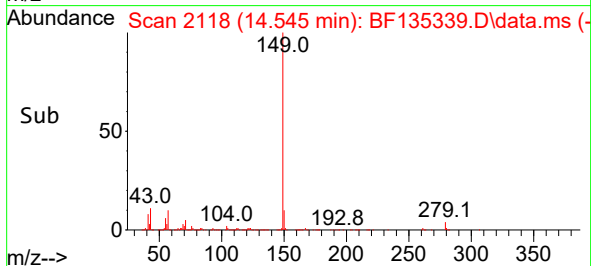
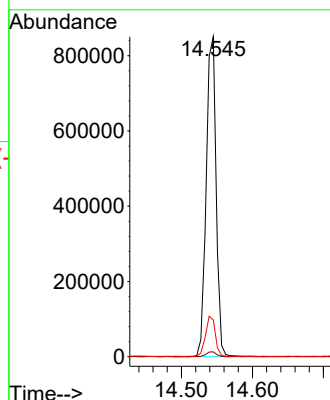
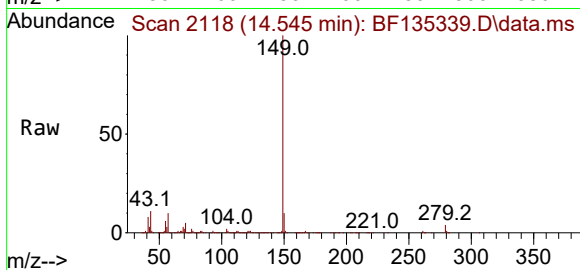
Tgt Ion:149 Resp: 826709

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

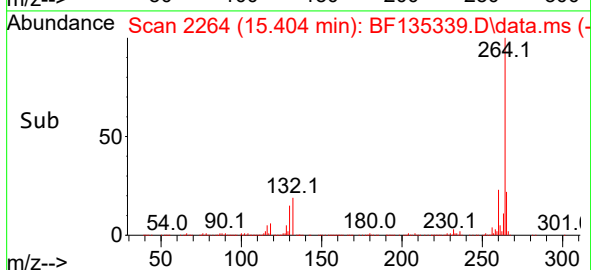
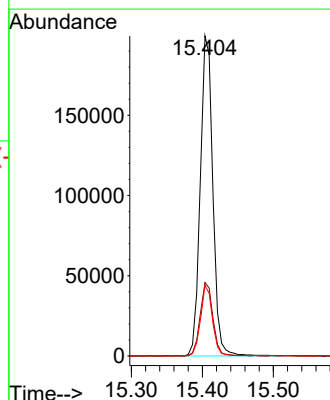
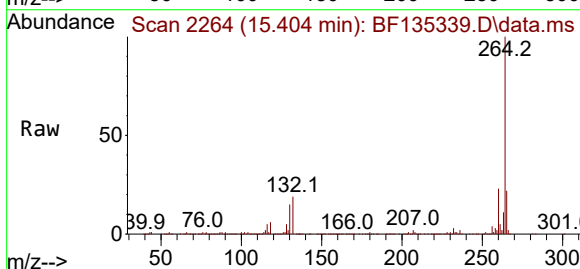
Tgt Ion:264 Resp: 245817

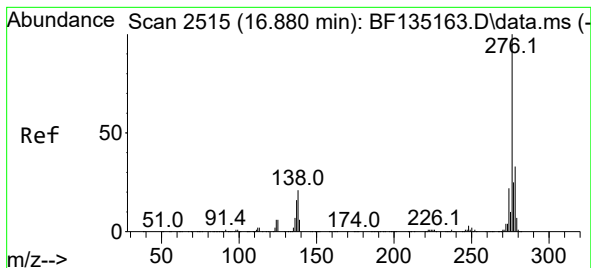
Ion Ratio Lower Upper

264 100

260 23.0 19.8 29.6

265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.215 ng

RT: 16.892 min Scan# 2117

Delta R.T. 0.012 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

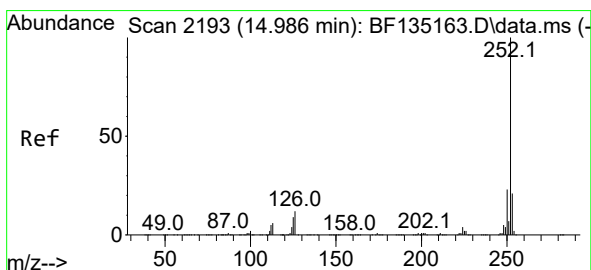
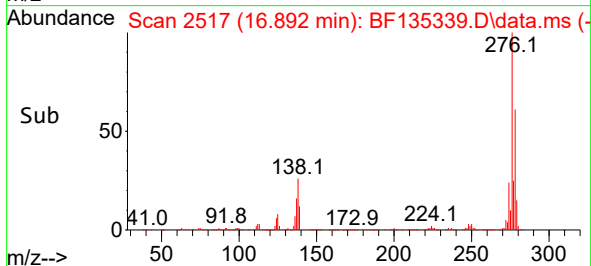
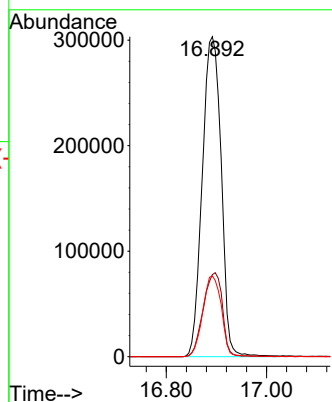
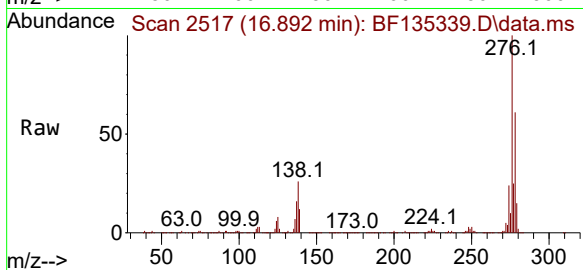
Tgt Ion:276 Resp: 793222

Ion Ratio Lower Upper

276 100

138 26.6 19.2 28.8

277 24.8 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 51.721 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

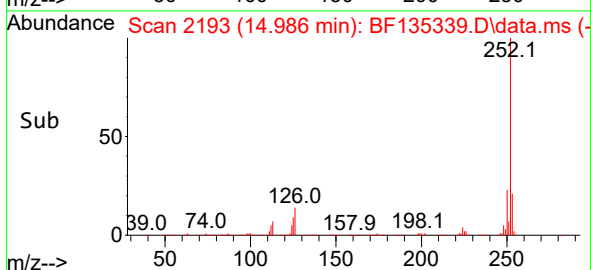
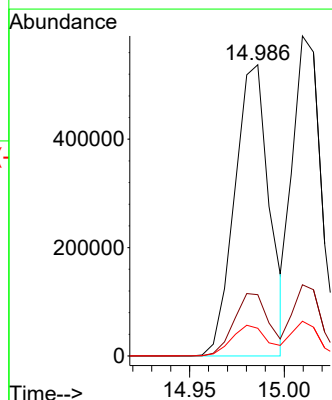
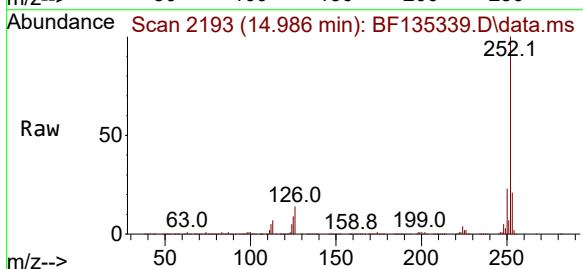
Tgt Ion:252 Resp: 688249

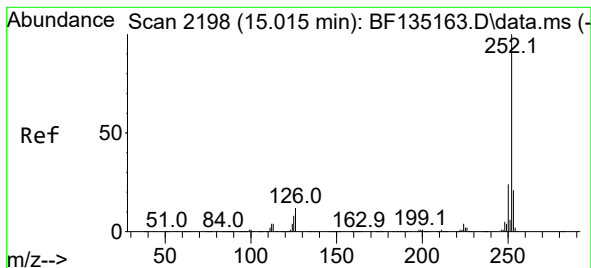
Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 52.359 ng

RT: 14.986 min Scan# 2198

Delta R.T. -0.029 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

PB155405BS

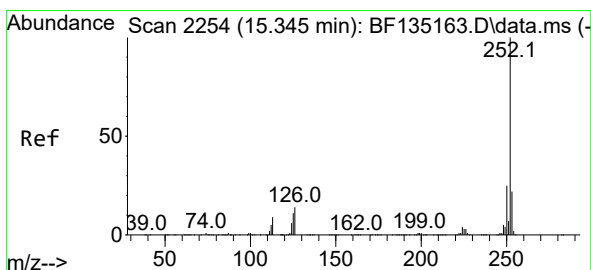
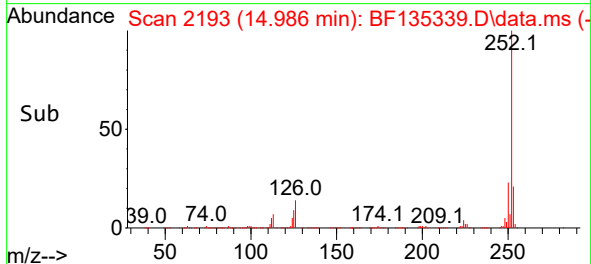
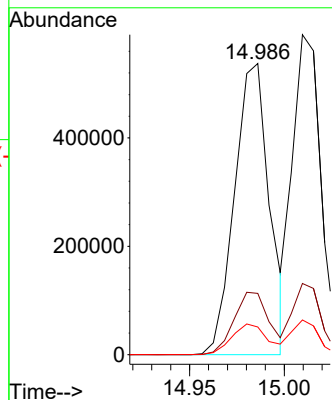
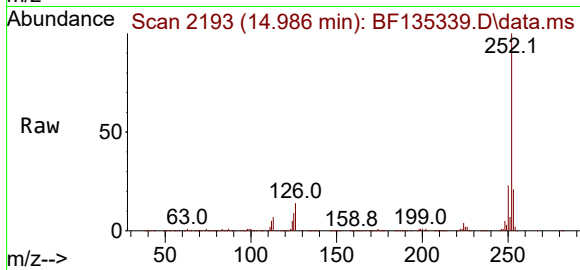
Tgt Ion:252 Resp: 688249

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 9.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 47.156 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135339.D

Acq: 19 Sep 2023 17:21

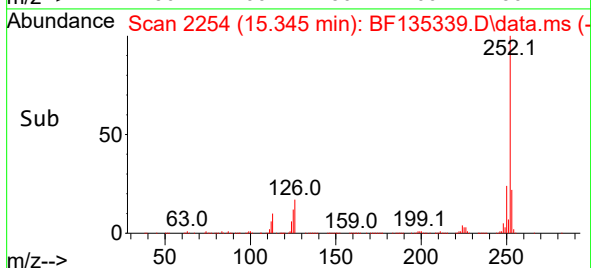
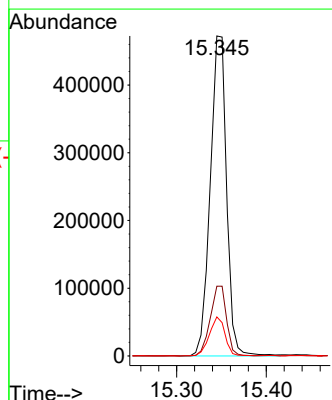
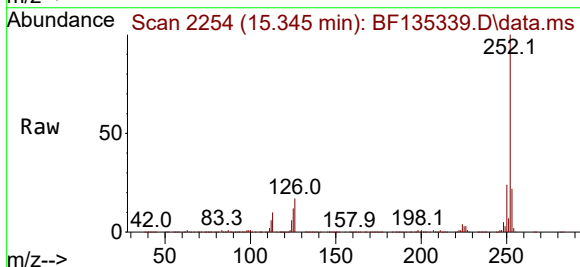
Tgt Ion:252 Resp: 598407

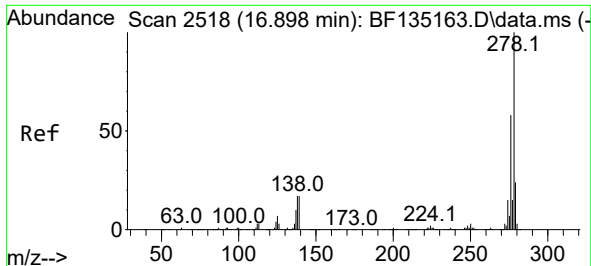
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 12.2 9.2 13.8

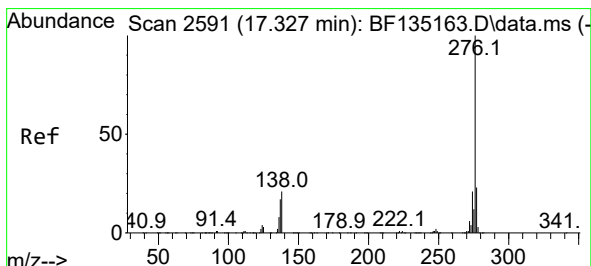
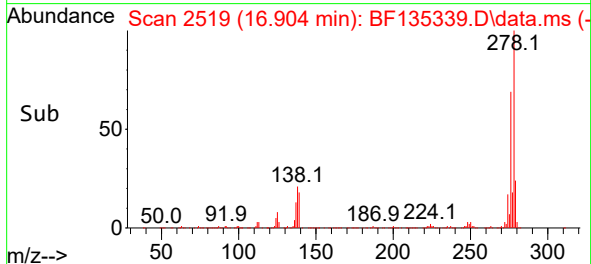
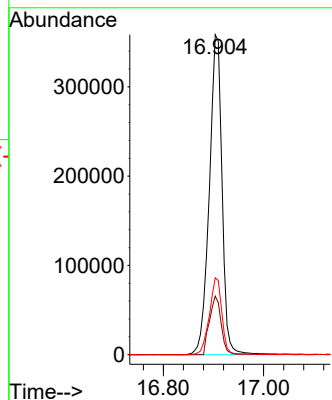
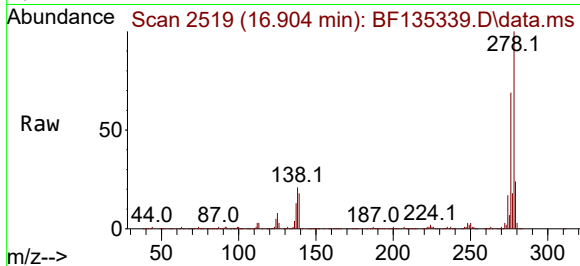




#91
Dibenzo(a,h)anthracene
Concen: 48.143 ng
RT: 16.904 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :
PB155405BS

Tgt Ion:278 Resp: 634891
Ion Ratio Lower Upper
278 100
139 18.3 13.4 20.0
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 48.188 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135339.D
Acq: 19 Sep 2023 17:21

Tgt Ion:276 Resp: 663671
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 23.9 16.9 25.3

