

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135751.D
 Acq On : 13 Oct 2023 13:54
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Oct 13 17:04:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 16:43:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	120513	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	453899	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	234981	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	422510	20.000	ng	0.00
76) Chrysene-d12	13.945	240	300140	20.000	ng	0.00
86) Perylene-d12	15.415	264	287691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	594498	79.311	ng	0.00
7) Phenol-d6	6.398	99	710861	76.006	ng	0.00
23) Nitrobenzene-d5	7.316	82	663291	80.371	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	180083	79.865	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1178215	78.396	ng	0.00
79) Terphenyl-d14	12.874	244	1248724	77.048	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	138749	38.376	ng	100
3) Pyridine	3.175	79	361376	40.566	ng	100
4) n-Nitrosodimethylamine	3.151	42	197975	41.499	ng	100
6) Aniline	6.416	93	462094	39.261	ng	100
8) 2-Chlorophenol	6.534	128	314666	38.929	ng	100
9) Benzaldehyde	6.304	77	200314	37.630	ng	100
10) Phenol	6.410	94	386761	39.466	ng	100
11) bis(2-Chloroethyl)ether	6.486	93	314239	39.796	ng	100
12) 1,3-Dichlorobenzene	6.681	146	317083	38.694	ng	100
13) 1,4-Dichlorobenzene	6.757	146	322522	38.851	ng	100
14) 1,2-Dichlorobenzene	6.910	146	288357	38.578	ng	100
15) Benzyl Alcohol	6.898	79	242927	39.064	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.022	45	547643	38.348	ng	100
17) 2-Methylphenol	7.010	107	265453	37.935	ng	100
18) Hexachloroethane	7.245	117	113504	37.710	ng	100
19) n-Nitroso-di-n-propyla...	7.163	70	210101	36.332	ng	100
20) 3+4-Methylphenols	7.169	107	332384	38.102	ng	100
22) Acetophenone	7.157	105	412647	39.640	ng	100
24) Nitrobenzene	7.333	77	340944	41.163	ng	100
25) Isophorone	7.569	82	627642	40.312	ng	100
26) 2-Nitrophenol	7.645	139	170688	42.227	ng	100
27) 2,4-Dimethylphenol	7.692	122	273698	41.131	ng	100
28) bis(2-Chloroethoxy)met...	7.780	93	385001	41.522	ng	100
29) 2,4-Dichlorophenol	7.892	162	258457	41.447	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	255790	40.105	ng	100
31) Naphthalene	8.045	128	895008	40.426	ng	100
32) Benzoic acid	7.845	122	201437	44.835	ng	100
33) 4-Chloroaniline	8.104	127	391504	40.482	ng	100
34) Hexachlorobutadiene	8.151	225	154787	41.001	ng	100
35) Caprolactam	8.492	113	88879	41.647	ng	100
36) 4-Chloro-3-methylphenol	8.598	107	291001	42.080	ng	100
37) 2-Methylnaphthalene	8.739	142	601560	41.241	ng	100
38) 1-Methylnaphthalene	8.833	142	553360	41.131	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	278058	41.137	ng	100
41) Hexachlorocyclopentadiene	8.880	237	29253	39.695	ng	100
43) 2,4,6-Trichlorophenol	9.027	196	179370	41.180	ng	100

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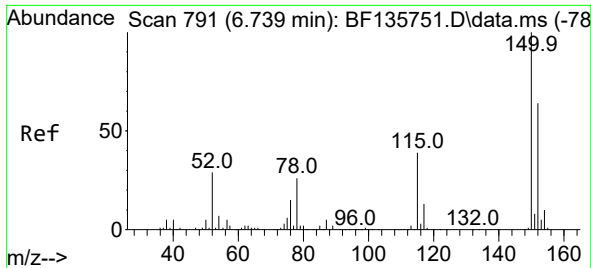
Quant Time: Oct 13 17:04:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	209009	41.256	ng	100
46) 1,1'-Biphenyl	9.204	154	725785	40.322	ng	100
47) 2-Chloronaphthalene	9.227	162	520961	40.159	ng	100
48) 2-Nitroaniline	9.339	65	208999	40.816	ng	100
49) Acenaphthylene	9.645	152	840949	39.172	ng	100
50) Dimethylphthalate	9.510	163	626777	39.512	ng	100
51) 2,6-Dinitrotoluene	9.580	165	137941	40.438	ng	100
52) Acenaphthene	9.816	154	518154	40.268	ng	100
53) 3-Nitroaniline	9.757	138	169301	40.486	ng	100
54) 2,4-Dinitrophenol	9.880	184	61778	43.385	ng	100
55) Dibenzofuran	9.986	168	769198	39.618	ng	100
56) 4-Nitrophenol	9.945	139	71325	40.163	ng	100
57) 2,4-Dinitrotoluene	9.998	165	172036	39.642	ng	100
58) Fluorene	10.333	166	580079	38.164	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	154863	40.449	ng	100
60) Diethylphthalate	10.210	149	629196	38.853	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	281743	38.352	ng	100
62) 4-Nitroaniline	10.374	138	152458	39.626	ng	100
63) Azobenzene	10.486	77	623866	39.652	ng	100
65) 4,6-Dinitro-2-methylph...	10.410	198	96024	45.159	ng	100
66) n-Nitrosodiphenylamine	10.451	169	539258	41.874	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	178266	42.031	ng	100
68) Hexachlorobenzene	10.886	284	178588	41.358	ng	100
69) Atrazine	10.980	200	143419	40.944	ng	100
70) Pentachlorophenol	11.092	266	76112	45.327	ng	100
71) Phenanthrene	11.304	178	833356	41.173	ng	100
72) Anthracene	11.357	178	885726	42.231	ng	100
73) Carbazole	11.516	167	824445	42.148	ng	100
74) Di-n-butylphthalate	11.845	149	1041151	43.352	ng	100
75) Fluoranthene	12.498	202	949689	42.276	ng	100
77) Benzidine	12.627	184	264023	40.313	ng	100
78) Pyrene	12.733	202	952488	39.935	ng	100
80) Butylbenzylphthalate	13.351	149	437839	41.775	ng	100
81) Benzo(a)anthracene	13.933	228	822209	41.706	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	267447	40.905	ng	100
83) Chrysene	13.968	228	780527	40.876	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	591203	41.619	ng	100
85) Di-n-octyl phthalate	14.533	149	926520	41.133	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	630911	40.248	ng	100
88) Benzo(b)fluoranthene	14.986	252	688315	42.750	ng	100
89) Benzo(k)fluoranthene	15.015	252	616452	39.436	ng	100
90) Benzo(a)pyrene	15.356	252	622902	41.142	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	522485	40.659	ng	100
92) Benzo(g,h,i)perylene	17.374	276	546916	41.433	ng	100

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

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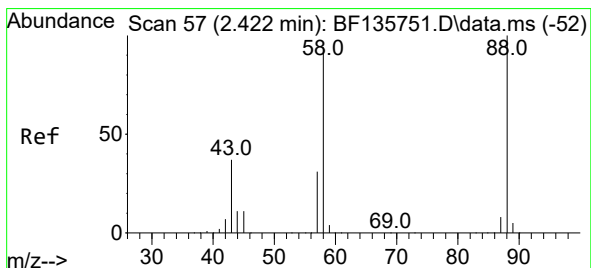
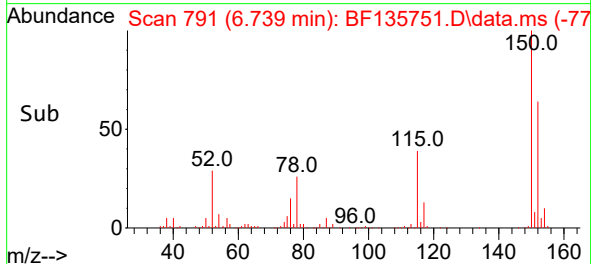
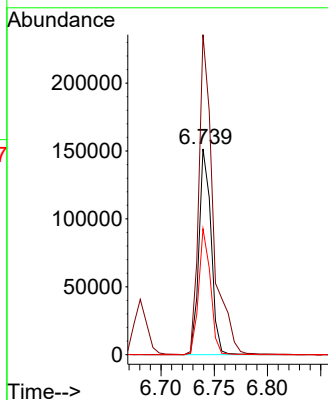
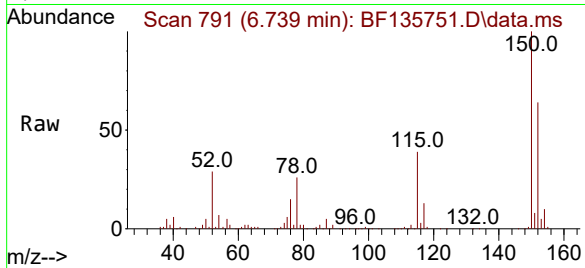




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: BF135751.D
 Acq: 13 Oct 2023 13:54

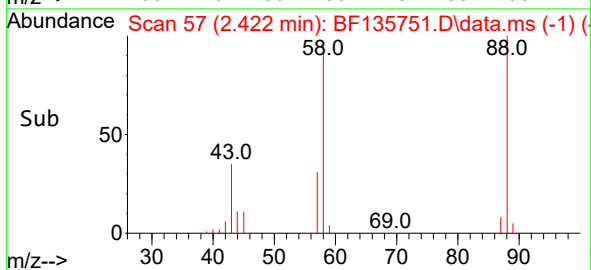
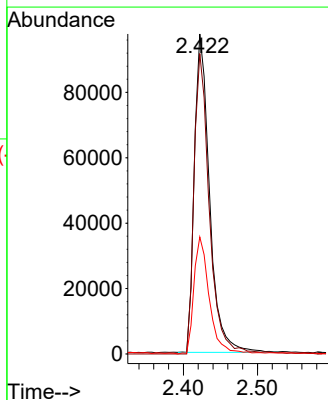
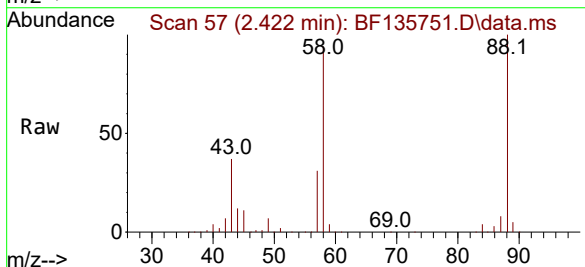
Instrument :
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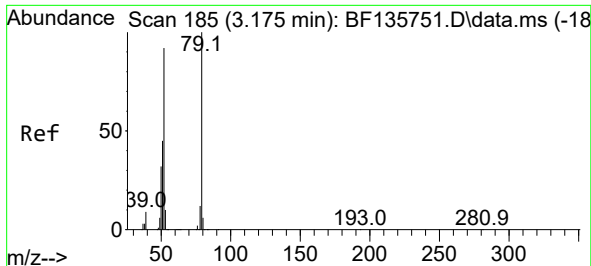
Tgt Ion:152 Resp: 120513
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.5 186.7
 115 61.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 38.376 ng
 RT: 2.422 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: BF135751.D
 Acq: 13 Oct 2023 13:54

Tgt Ion: 88 Resp: 138749
 Ion Ratio Lower Upper
 88 100
 58 95.1 76.1 114.1
 43 37.3 29.8 44.8

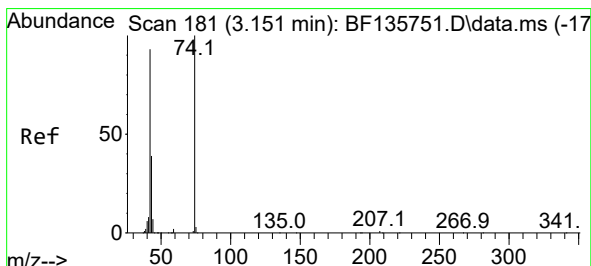
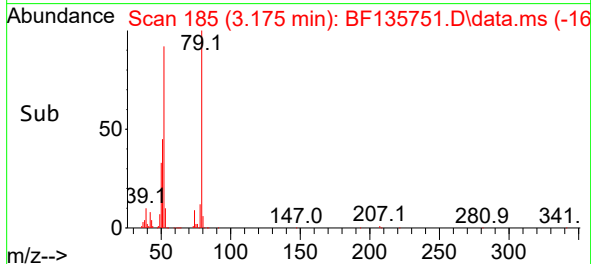
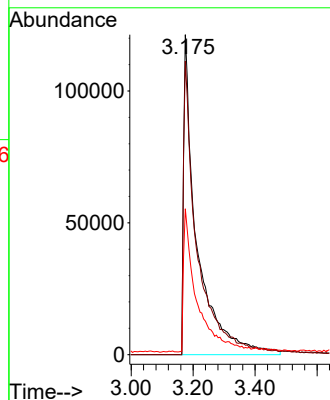
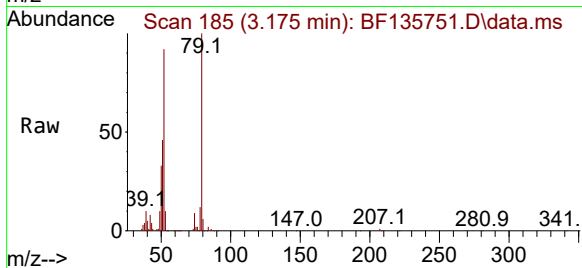




#3
Pyridine
Concen: 40.566 ng
RT: 3.175 min Scan# 185
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

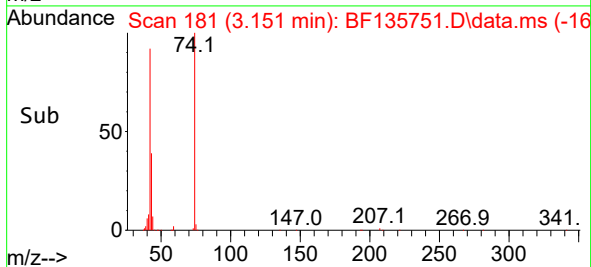
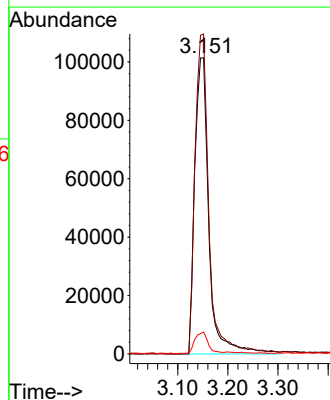
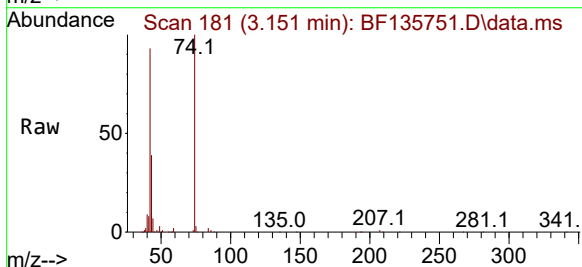
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BNA_F
ClientSampleId :
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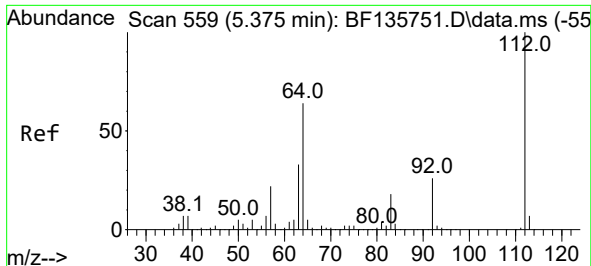
Tgt Ion: 79 Resp: 361376
Ion Ratio Lower Upper
79 100
52 91.8 73.4 110.2
51 45.6 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 41.499 ng
RT: 3.151 min Scan# 181
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion: 42 Resp: 197975
Ion Ratio Lower Upper
42 100
74 108.1 86.5 129.7
44 7.4 5.9 8.9

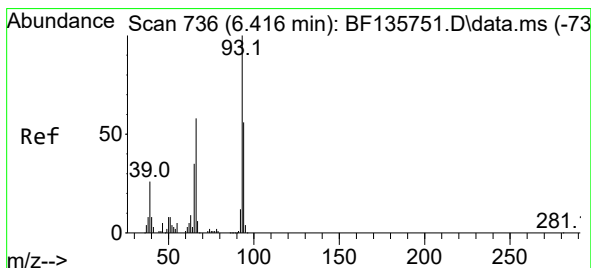
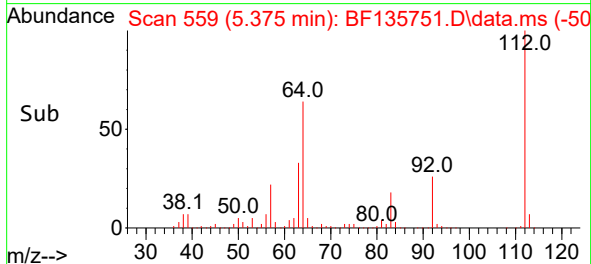
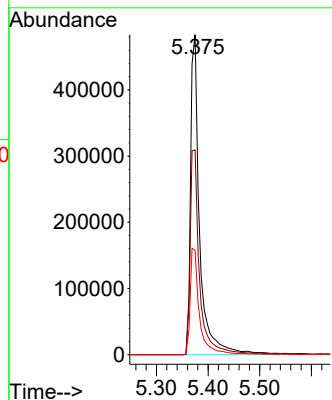
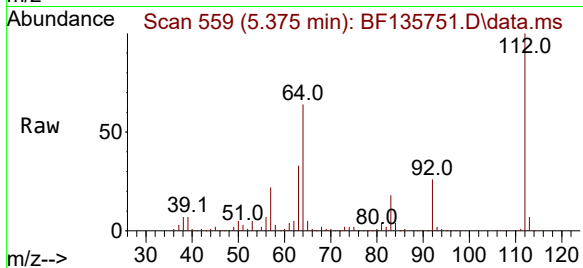




#5
2-Fluorophenol
Concen: 79.311 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

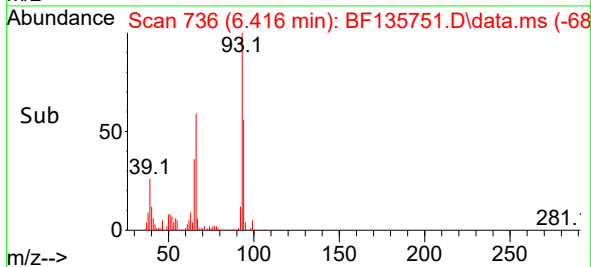
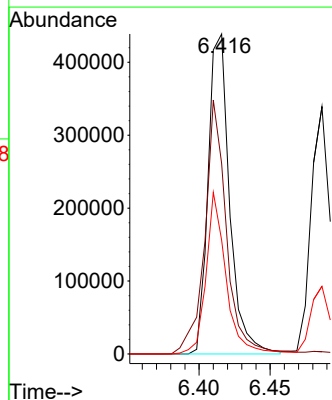
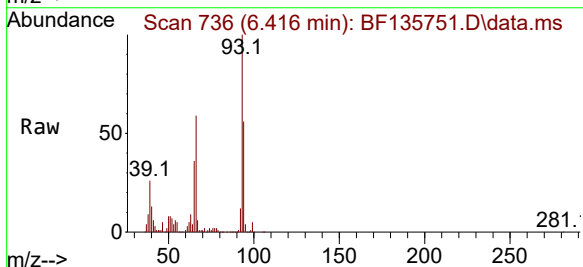
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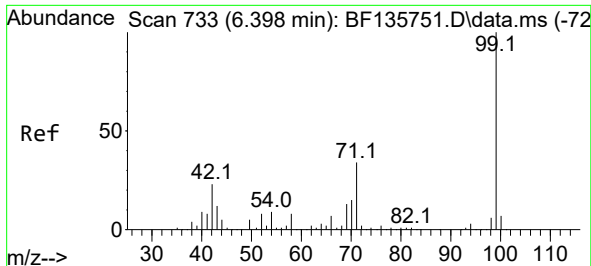
Tgt Ion:112 Resp: 594498
Ion Ratio Lower Upper
112 100
64 64.0 51.2 76.8
63 32.6 26.1 39.1



#6
Aniline
Concen: 39.261 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion: 93 Resp: 462094
Ion Ratio Lower Upper
93 100
66 59.5 47.6 71.4
65 35.6 28.5 42.7

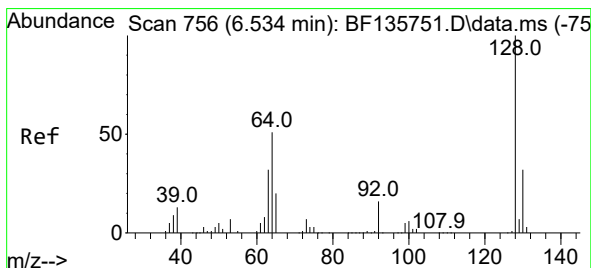
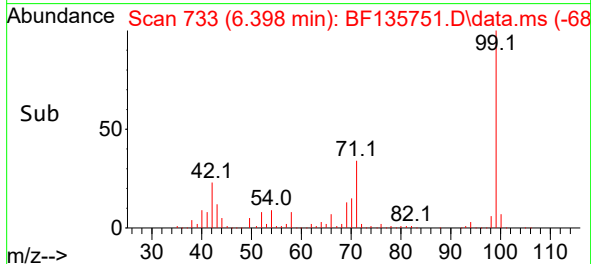
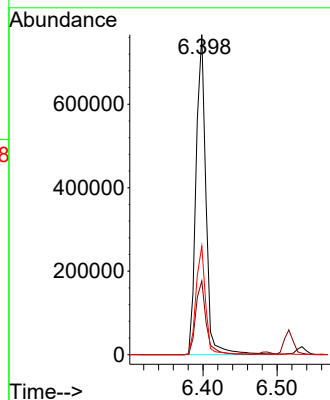
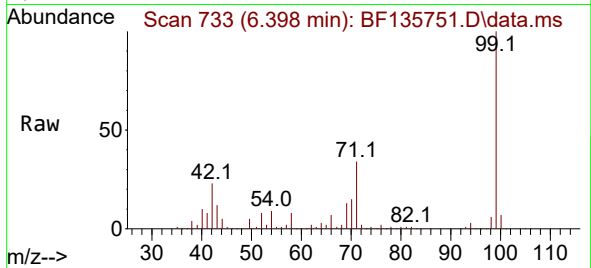




#7
Phenol-d6
Concen: 76.006 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

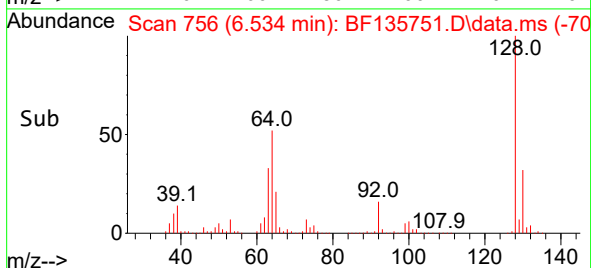
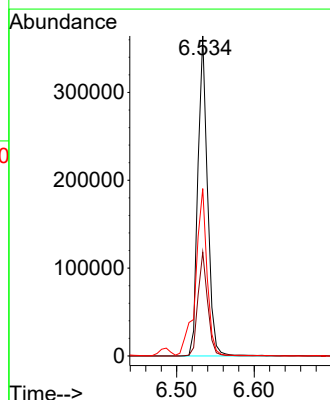
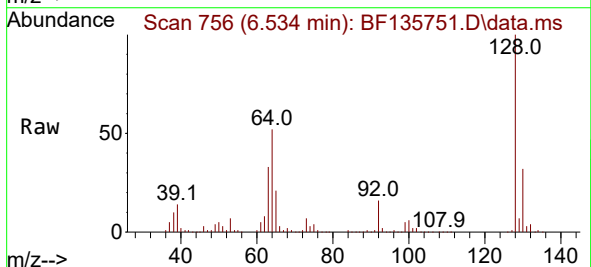
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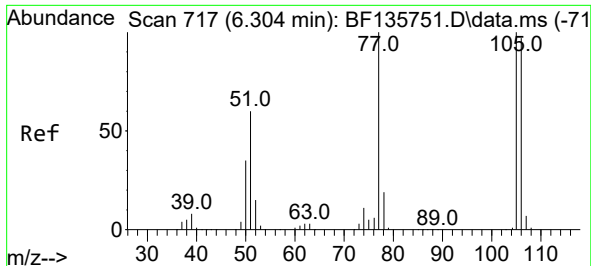
Tgt Ion: 99 Resp: 710861
Ion Ratio Lower Upper
99 100
42 23.0 18.4 27.6
71 34.0 27.2 40.8



#8
2-Chlorophenol
Concen: 38.929 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:128 Resp: 314666
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 52.3 32.3 72.3





#9

Benzaldehyde

Concen: 37.630 ng

RT: 6.304 min Scan# 717

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

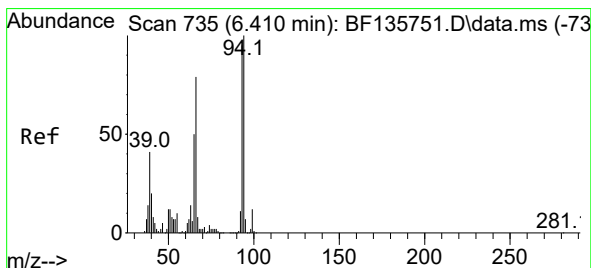
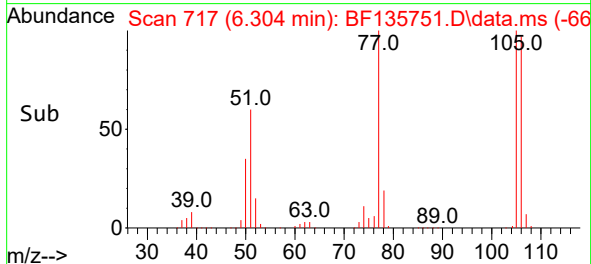
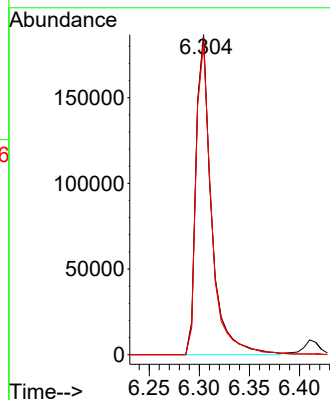
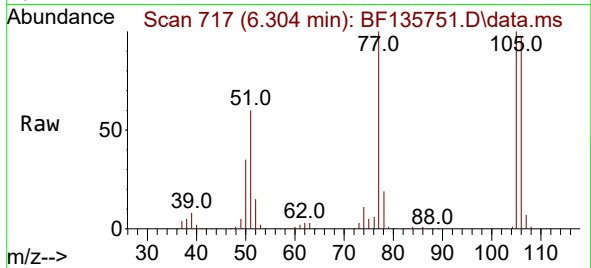
Tgt Ion: 77 Resp: 200314

Ion Ratio Lower Upper

77 100

105 99.9 79.9 119.9

106 97.1 77.1 117.1



#10

Phenol

Concen: 39.466 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

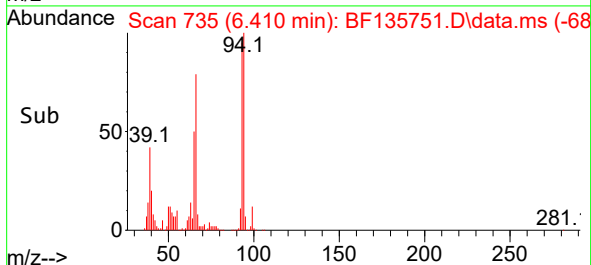
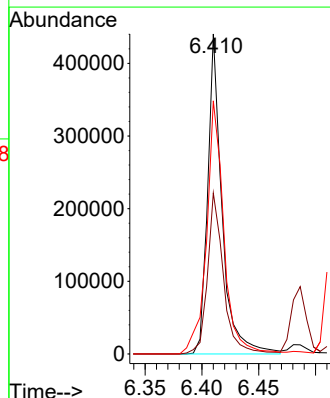
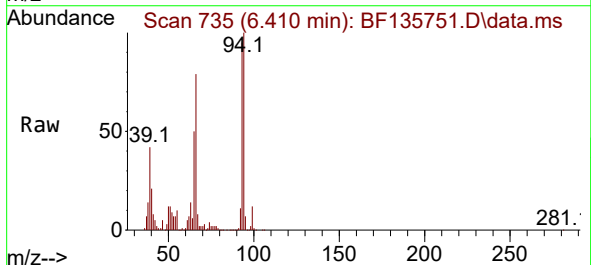
Tgt Ion: 94 Resp: 386761

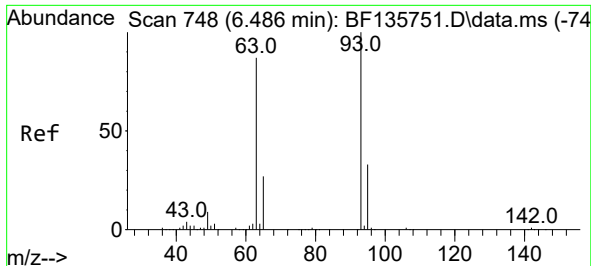
Ion Ratio Lower Upper

94 100

65 50.3 30.3 70.3

66 79.1 59.1 99.1





#11

bis(2-Chloroethyl)ether

Concen: 39.796 ng

RT: 6.486 min Scan# 748

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

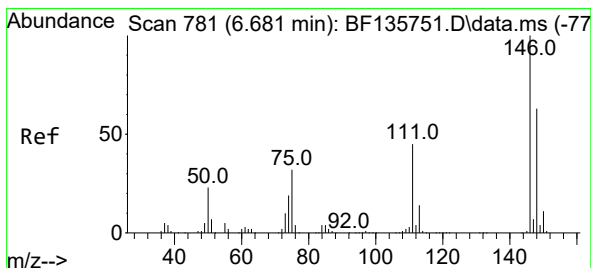
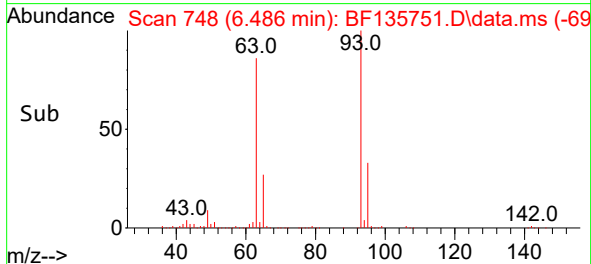
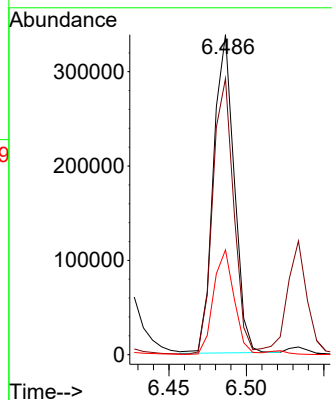
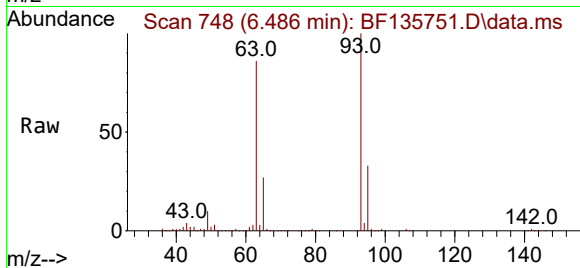
Tgt Ion: 93 Resp: 314239

Ion Ratio Lower Upper

93 100

63 86.3 66.3 106.3

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.694 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

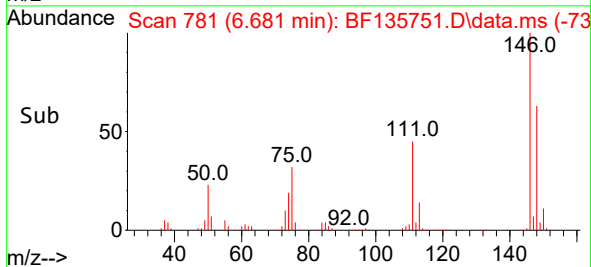
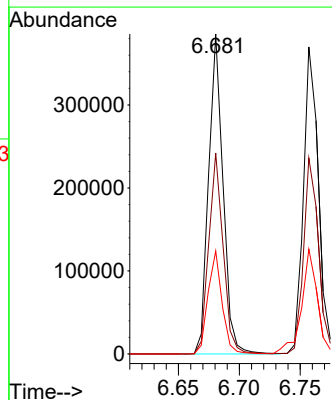
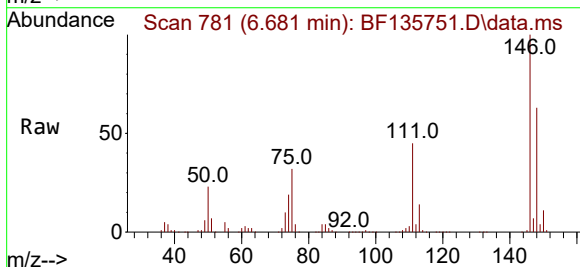
Tgt Ion:146 Resp: 317083

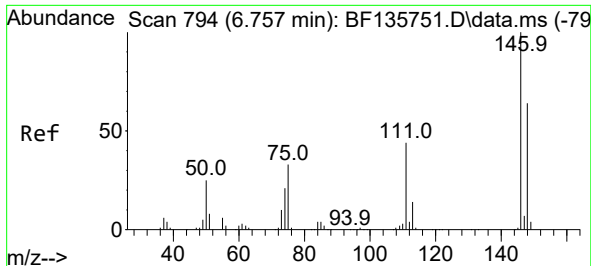
Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.4

75 32.2 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.851 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

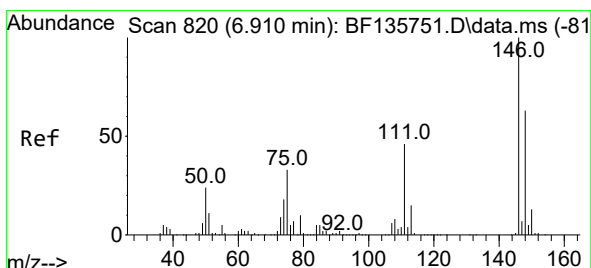
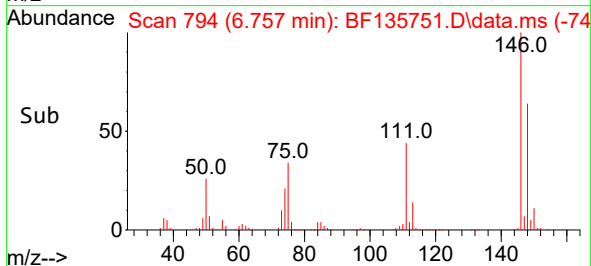
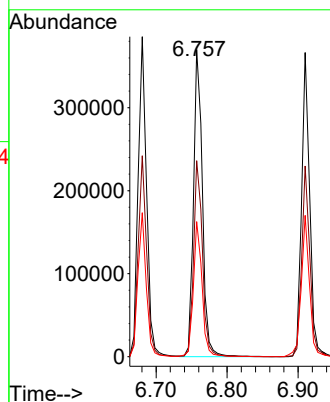
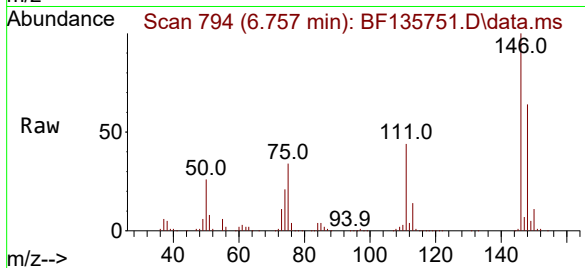
Tgt Ion:146 Resp: 322522

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 44.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.578 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

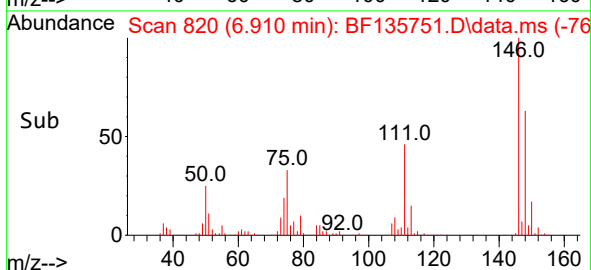
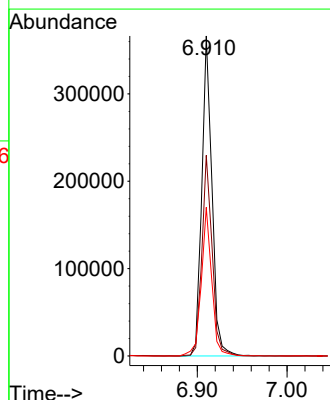
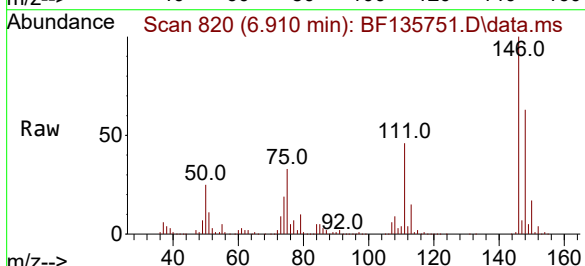
Tgt Ion:146 Resp: 288357

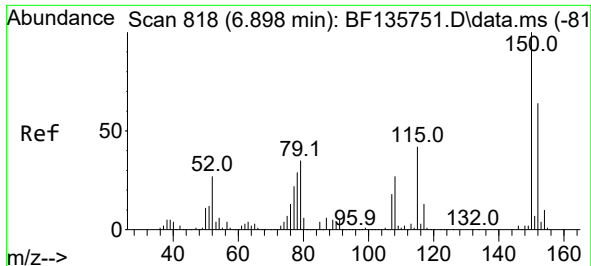
Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

111 46.4 37.1 55.7

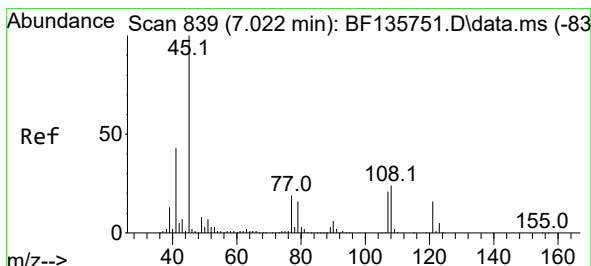
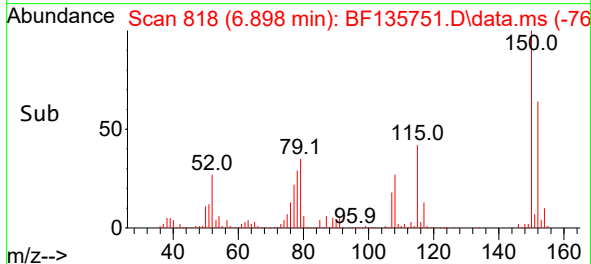
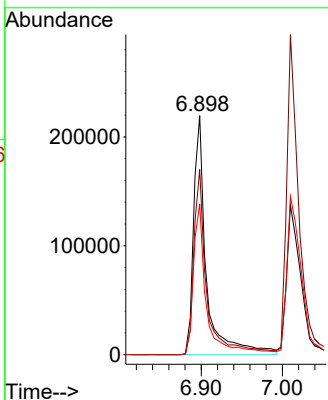
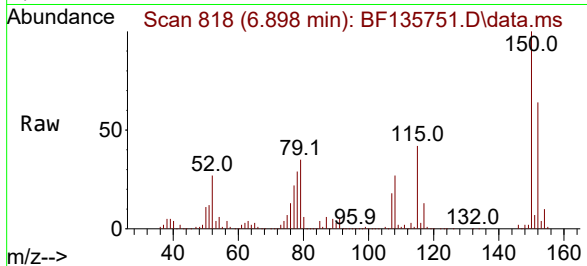




#15
Benzyl Alcohol
Concen: 39.064 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

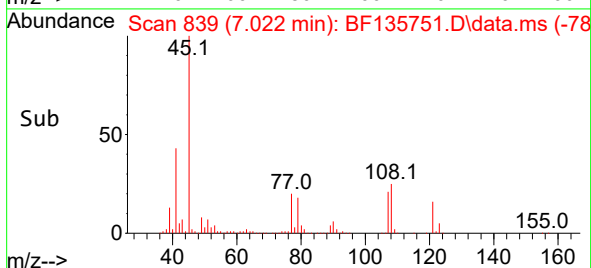
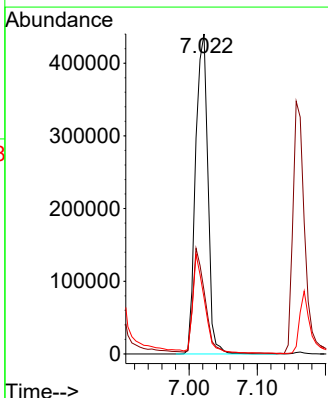
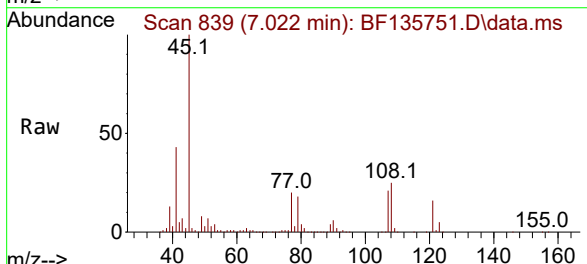
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

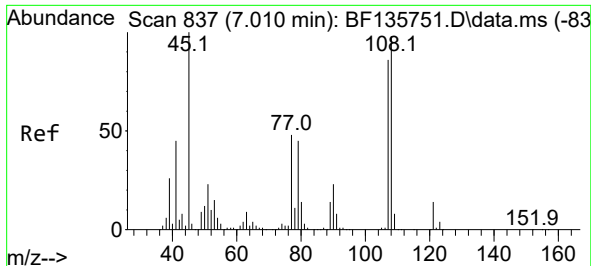
Tgt Ion: 79 Resp: 242927
Ion Ratio Lower Upper
79 100
108 77.5 62.0 93.0
77 63.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.348 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion: 45 Resp: 547643
Ion Ratio Lower Upper
45 100
77 19.8 0.0 39.8
79 17.6 0.0 37.6

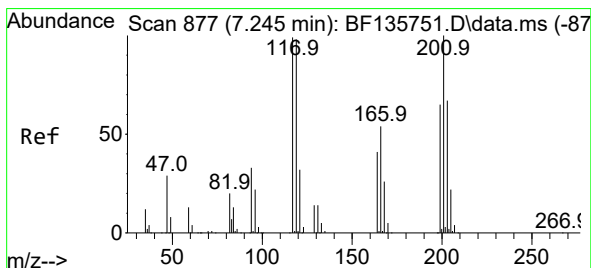
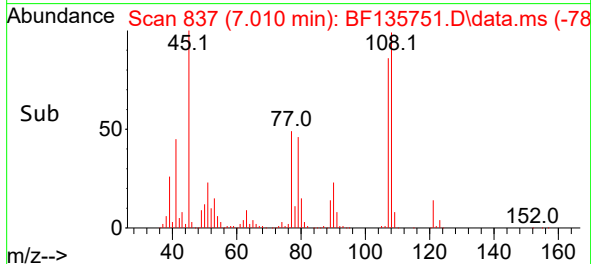
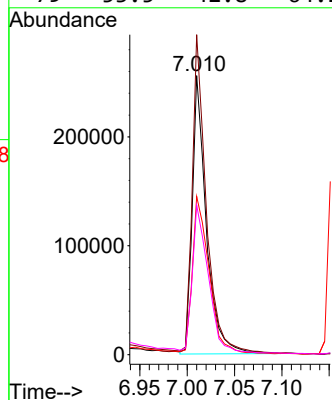
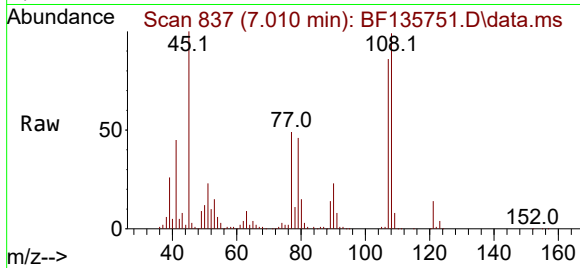




#17
2-Methylphenol
Concen: 37.935 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

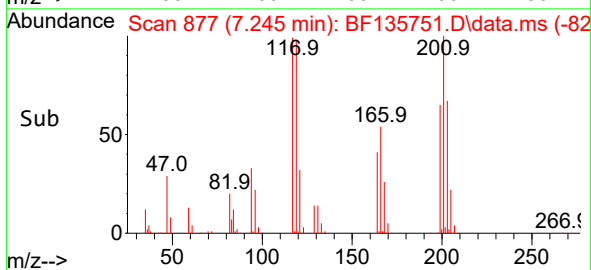
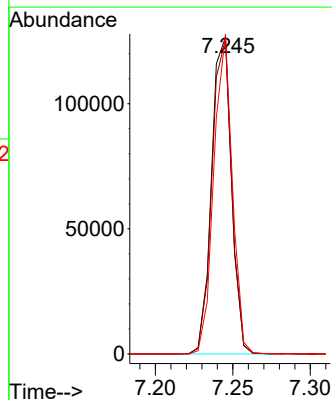
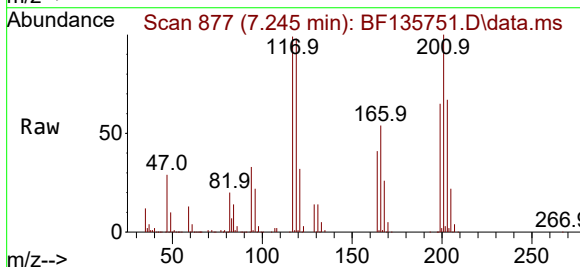
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

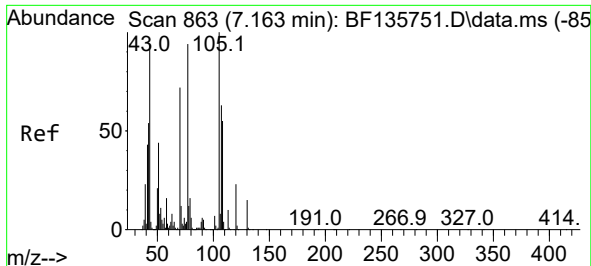
Tgt Ion:107 Resp: 265453
Ion Ratio Lower Upper
107 100
108 114.7 91.8 137.6
77 56.7 45.4 68.0
79 53.5 42.8 64.2



#18
Hexachloroethane
Concen: 37.710 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:117 Resp: 113504
Ion Ratio Lower Upper
117 100
119 99.4 79.5 119.3
201 101.1 80.9 121.3

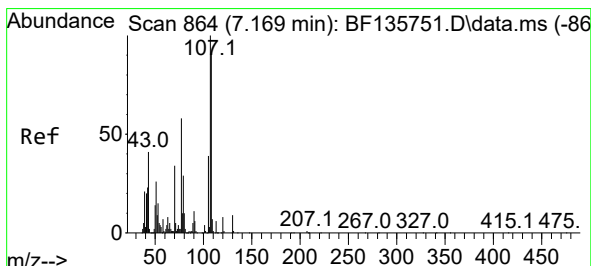
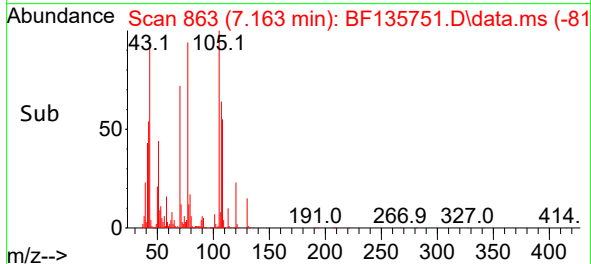
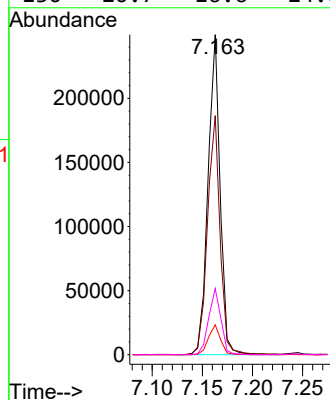
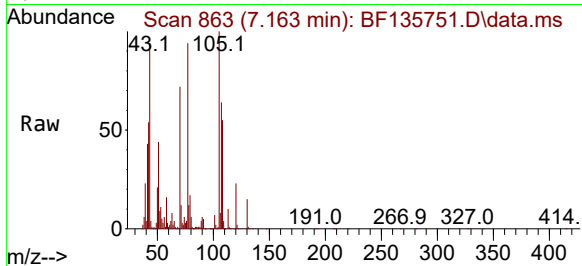




#19
n-Nitroso-di-n-propylamine
Concen: 36.332 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

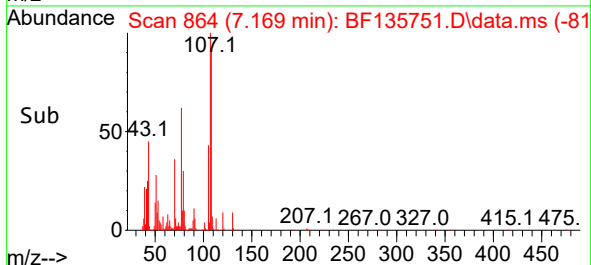
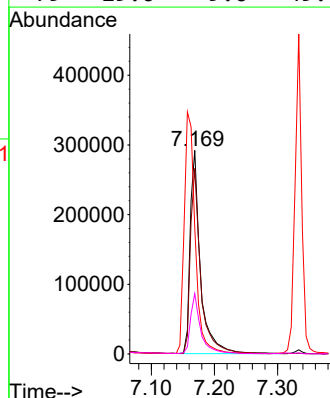
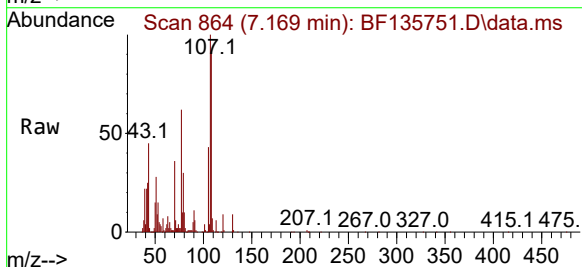
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

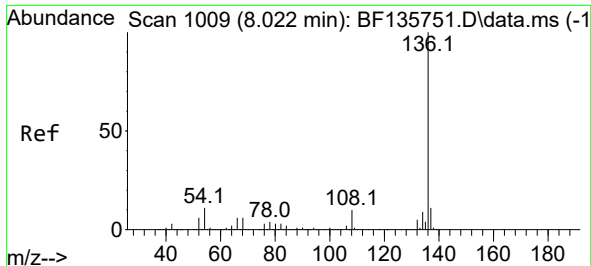
Tgt Ion: 70 Resp: 210101
Ion Ratio Lower Upper
70 100
42 74.7 59.8 89.6
101 9.3 7.4 11.2
130 20.7 16.6 24.8



#20
3+4-Methylphenols
Concen: 38.102 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion: 107 Resp: 332384
Ion Ratio Lower Upper
107 100
108 91.1 71.1 111.1
77 62.0 42.0 82.0
79 29.6 9.6 49.6

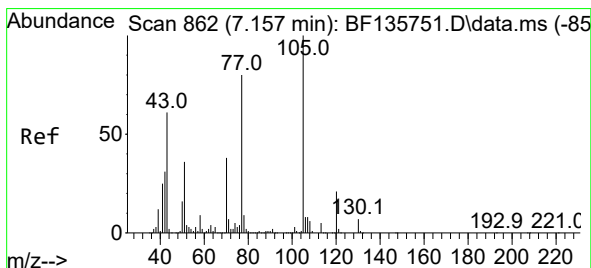
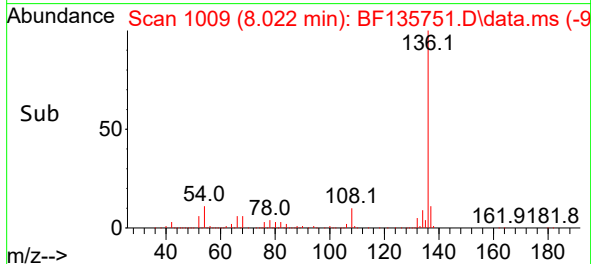
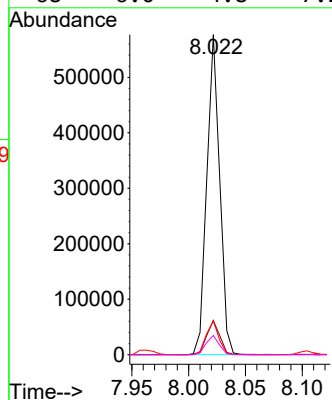
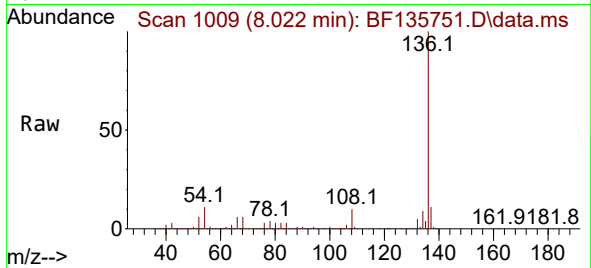




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

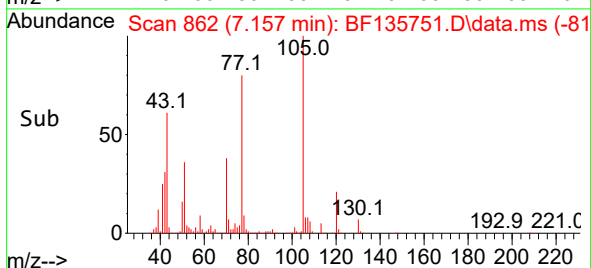
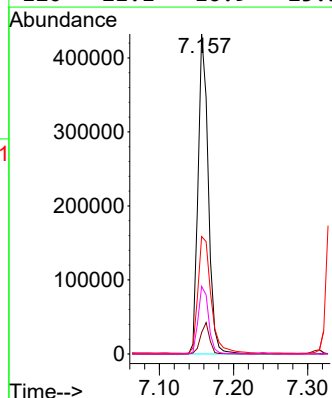
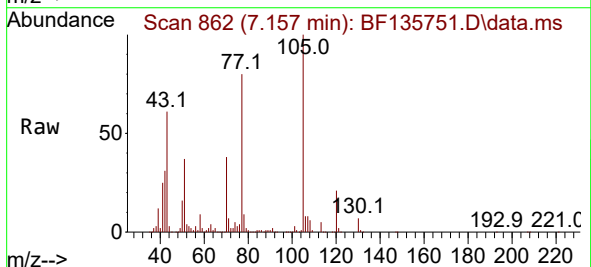
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

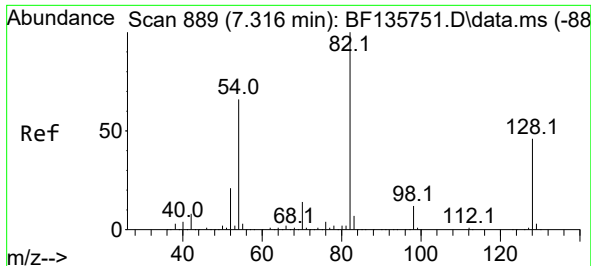
Tgt Ion:136 Resp: 453899
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.6 8.5 12.7
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 39.640 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:105 Resp: 412647
Ion Ratio Lower Upper
105 100
71 6.7 5.4 8.0
51 36.7 29.4 44.0
120 21.1 16.9 25.3

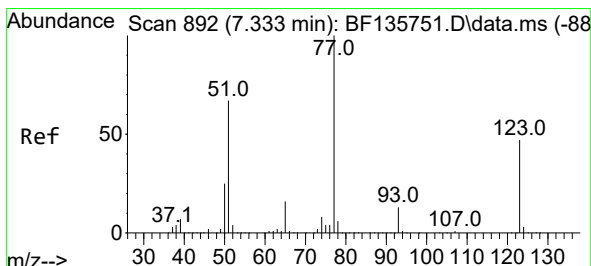
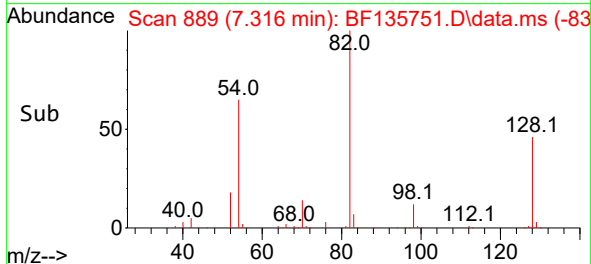
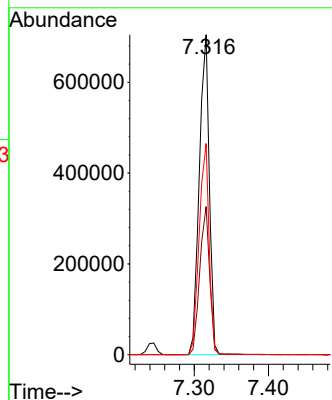
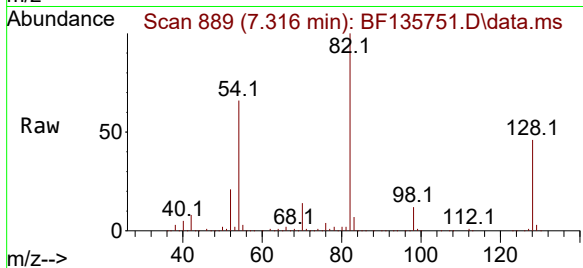




#23
Nitrobenzene-d5
Concen: 80.371 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

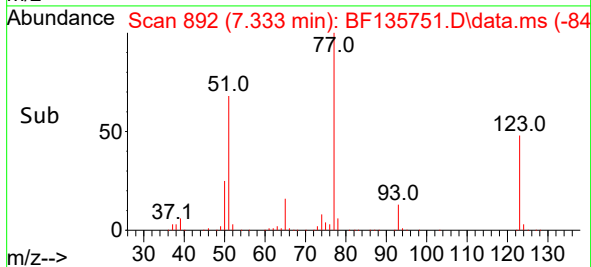
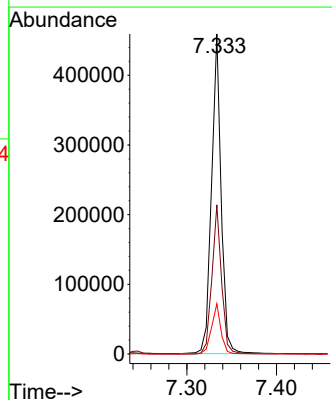
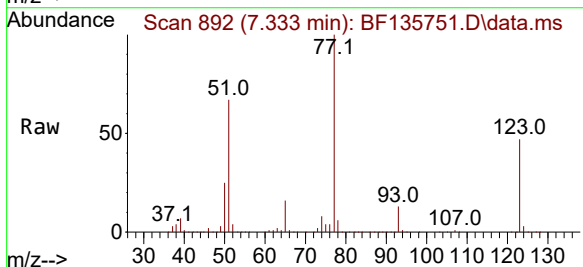
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ClientSampleId :
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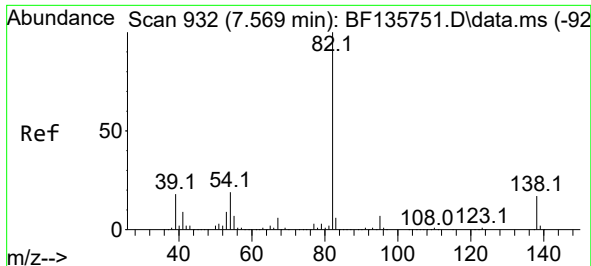
Tgt Ion: 82 Resp: 663291
Ion Ratio Lower Upper
82 100
128 46.3 37.0 55.6
54 66.0 52.8 79.2



#24
Nitrobenzene
Concen: 41.163 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion: 77 Resp: 340944
Ion Ratio Lower Upper
77 100
123 46.6 37.3 55.9
65 15.7 12.6 18.8

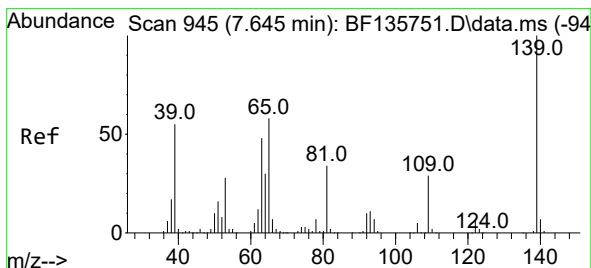
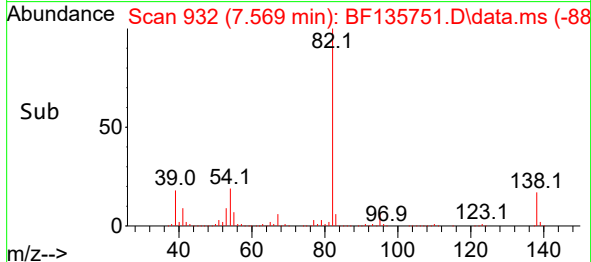
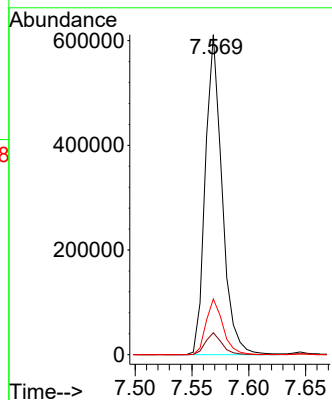
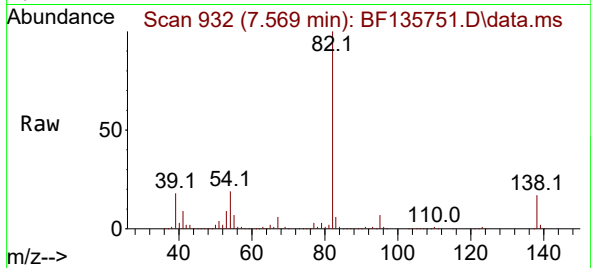




#25
Isophorone
Concen: 40.312 ng
RT: 7.569 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

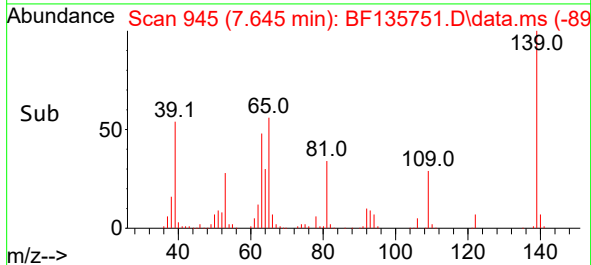
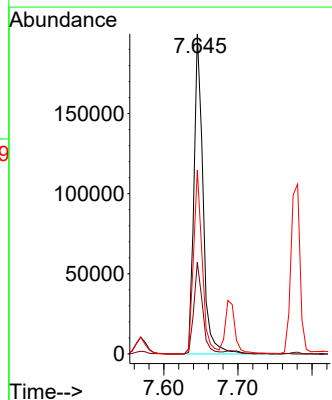
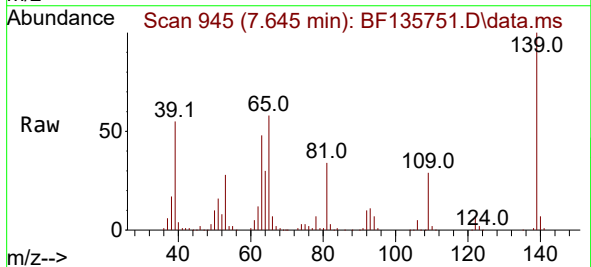
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

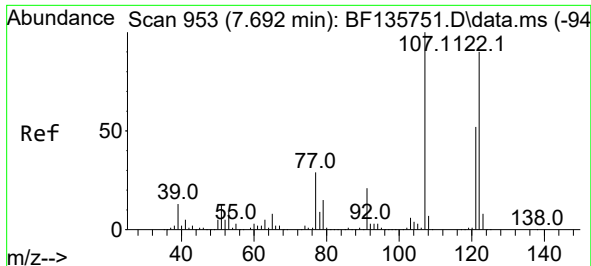
Tgt Ion: 82 Resp: 627642
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 42.227 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion: 139 Resp: 170688
Ion Ratio Lower Upper
139 100
109 28.7 23.0 34.4
65 57.5 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 41.131 ng

RT: 7.692 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

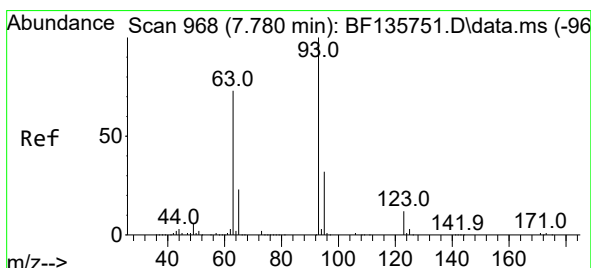
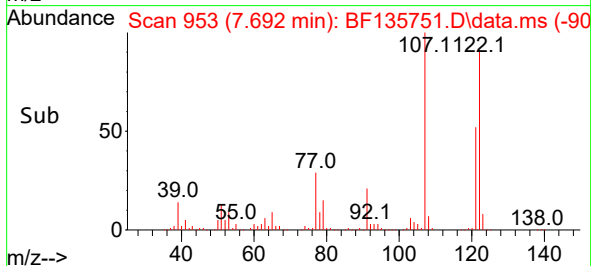
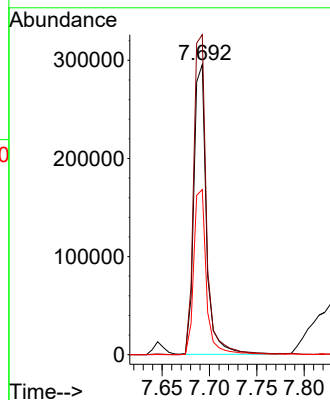
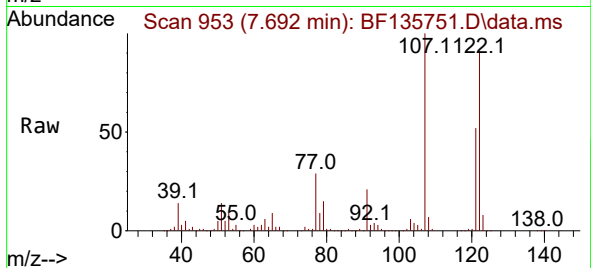
Tgt Ion:122 Resp: 273698

Ion Ratio Lower Upper

122 100

107 110.3 88.2 132.4

121 56.9 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.522 ng

RT: 7.780 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

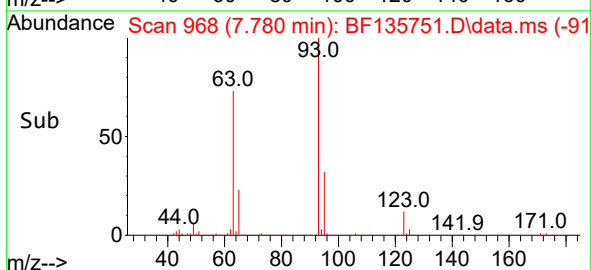
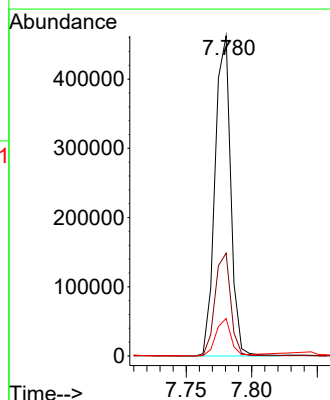
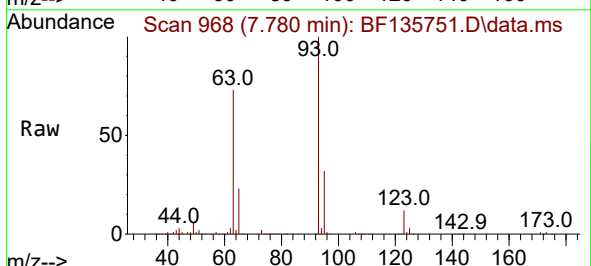
Tgt Ion: 93 Resp: 385001

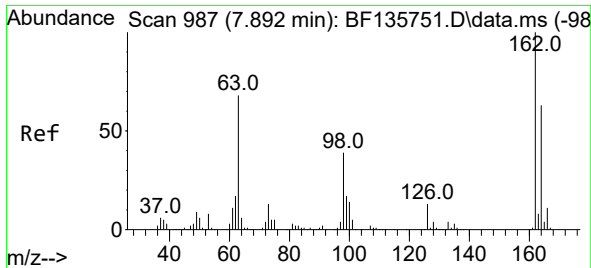
Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.447 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

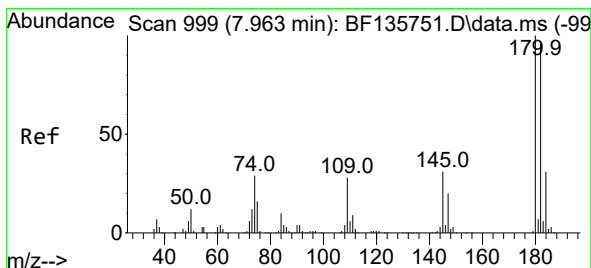
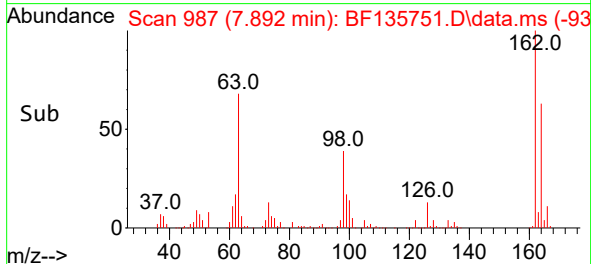
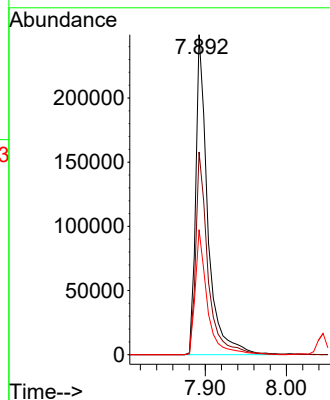
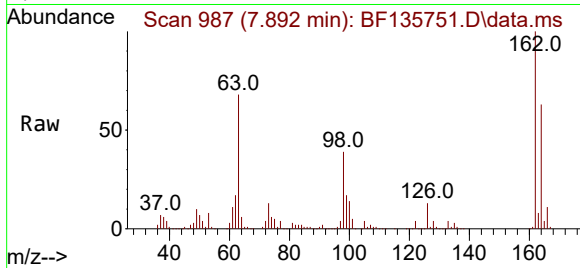
Tgt Ion:162 Resp: 258457

Ion Ratio Lower Upper

162 100

164 63.4 43.4 83.4

98 39.0 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 40.105 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

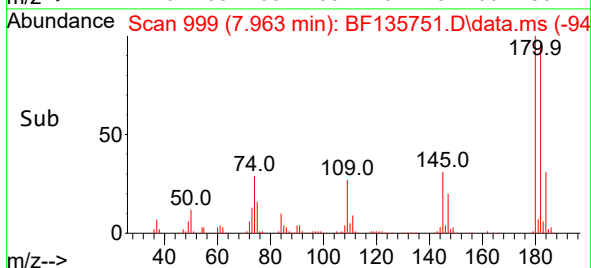
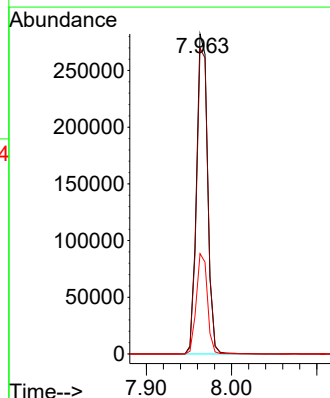
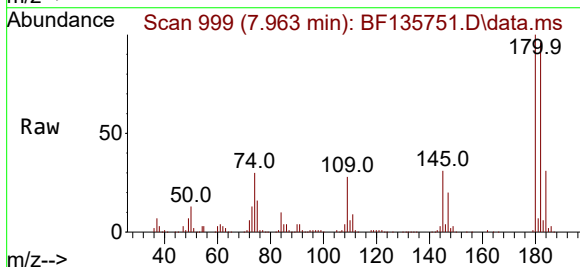
Tgt Ion:180 Resp: 255790

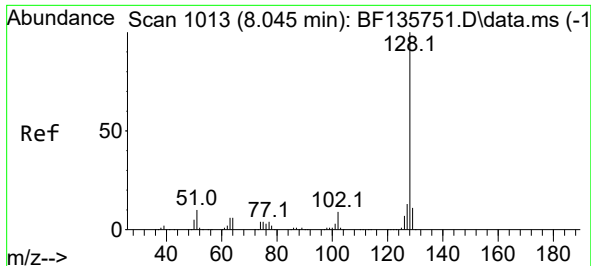
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 31.3 25.0 37.6

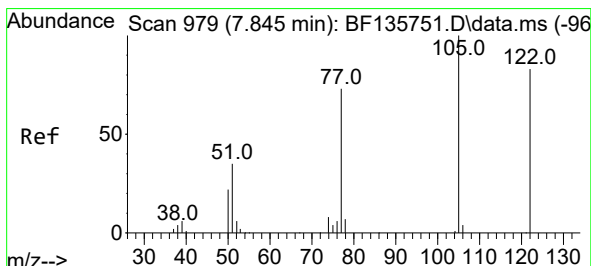
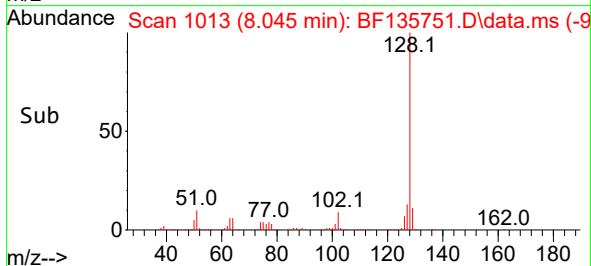
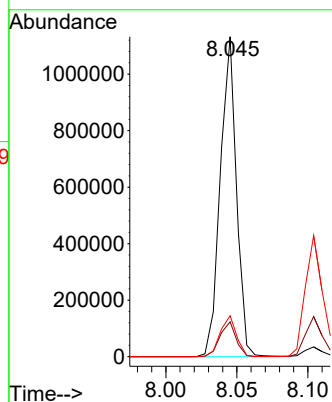
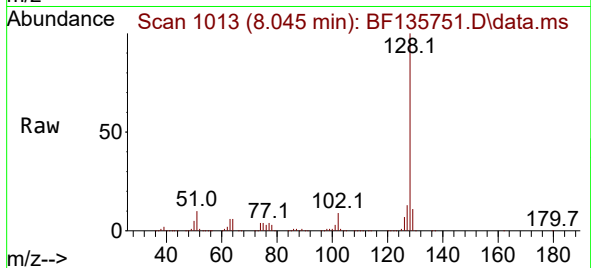




#31
Naphthalene
Concen: 40.426 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

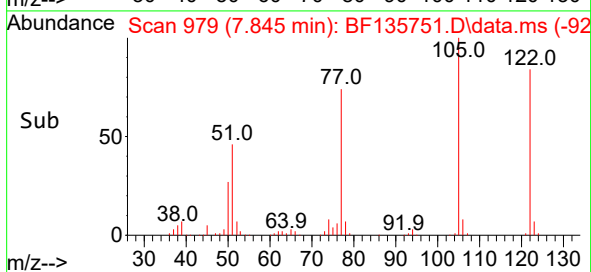
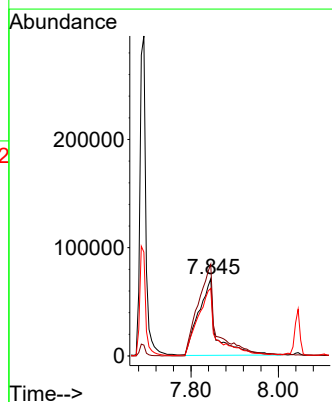
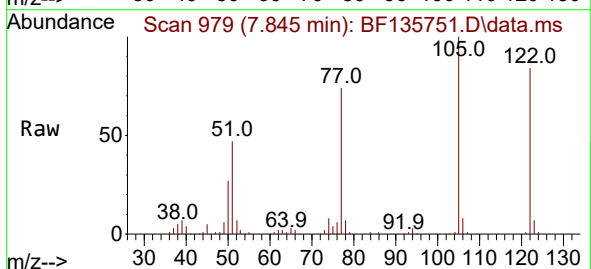
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

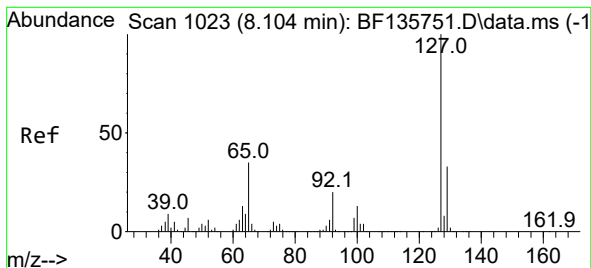
Tgt Ion:128 Resp: 895008
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 44.835 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:122 Resp: 201437
Ion Ratio Lower Upper
122 100
105 118.7 98.7 138.7
77 87.8 67.8 107.8





#33

4-Chloroaniline

Concen: 40.482 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 391504

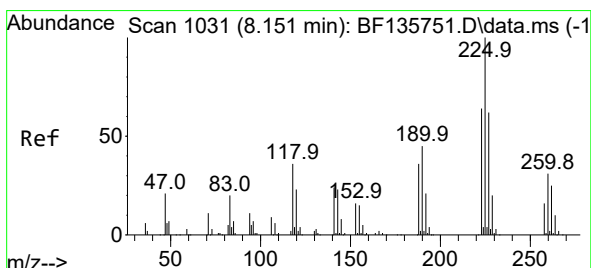
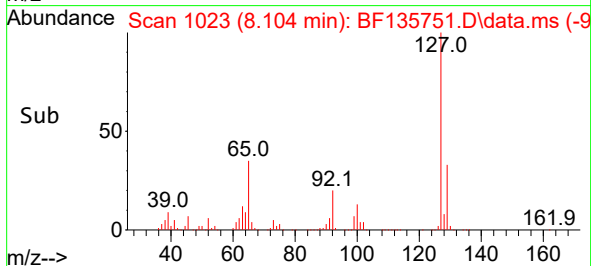
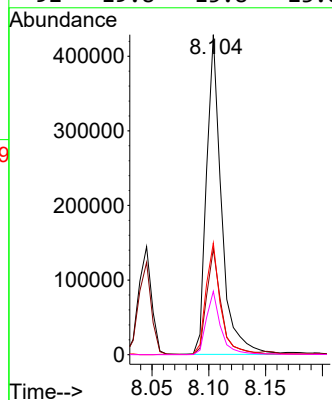
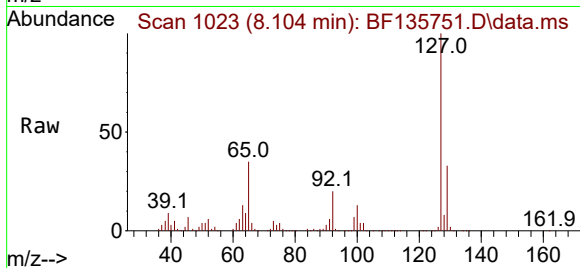
Ion Ratio Lower Upper

127 100

129 33.1 26.5 39.7

65 34.9 27.9 41.9

92 19.8 15.8 23.8



#34

Hexachlorobutadiene

Concen: 41.001 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

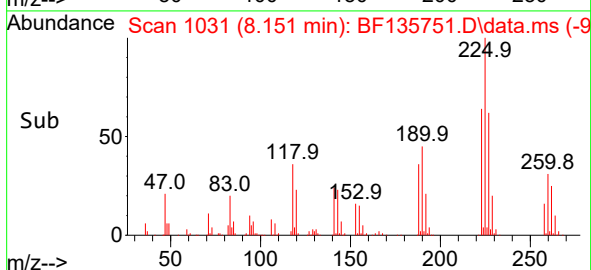
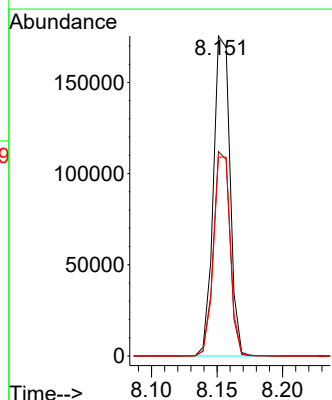
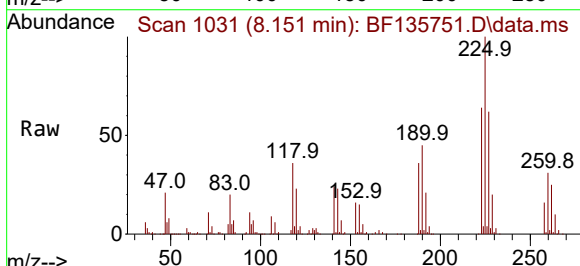
Tgt Ion:225 Resp: 154787

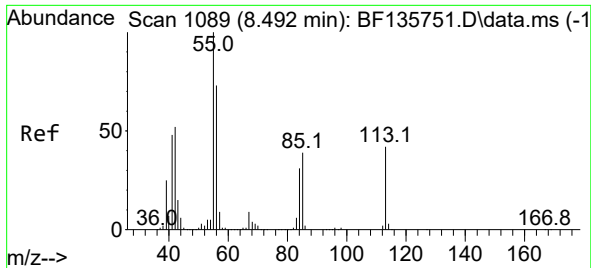
Ion Ratio Lower Upper

225 100

223 63.9 51.1 76.7

227 62.1 49.7 74.5

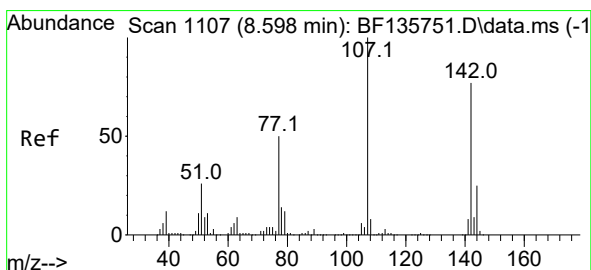
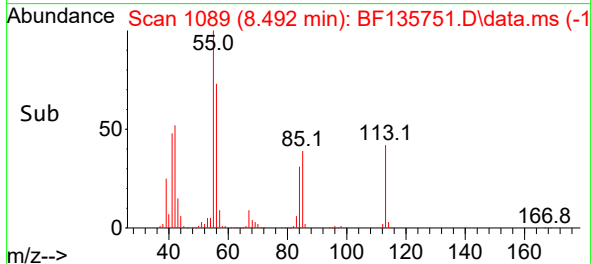
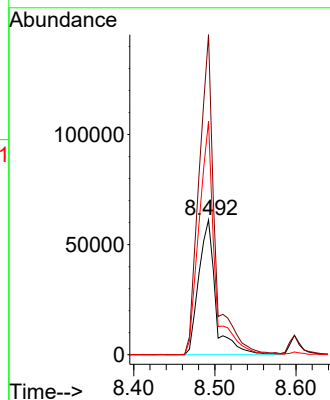
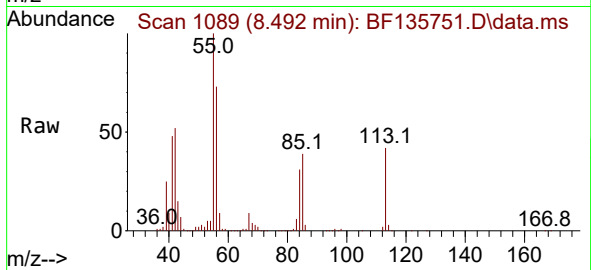




#35
Caprolactam
Concen: 41.647 ng
RT: 8.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

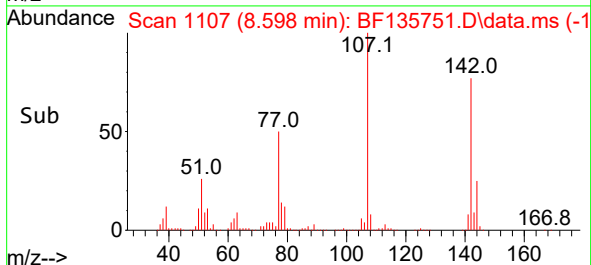
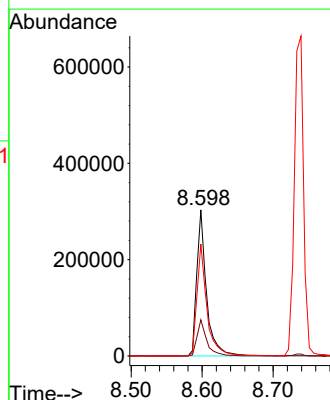
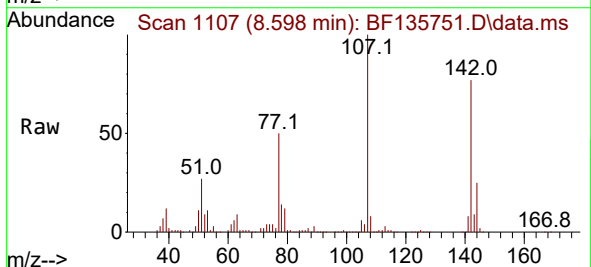
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

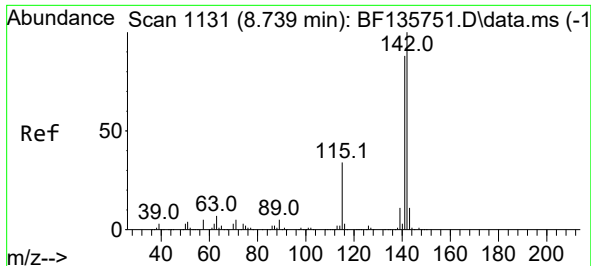
Tgt Ion:113 Resp: 88879
Ion Ratio Lower Upper
113 100
55 237.4 217.4 257.4
56 173.1 153.1 193.1



#36
4-Chloro-3-methylphenol
Concen: 42.080 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:107 Resp: 291001
Ion Ratio Lower Upper
107 100
144 24.8 19.8 29.8
142 76.6 61.3 91.9

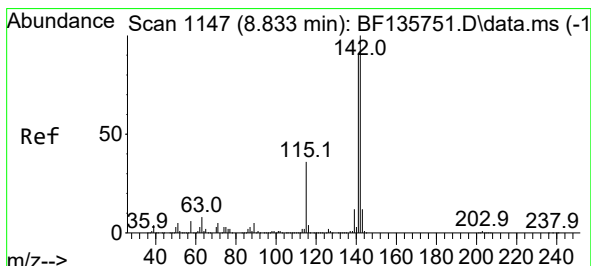
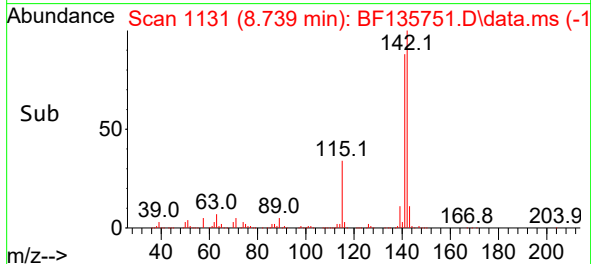
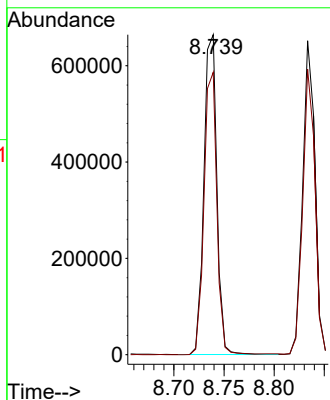
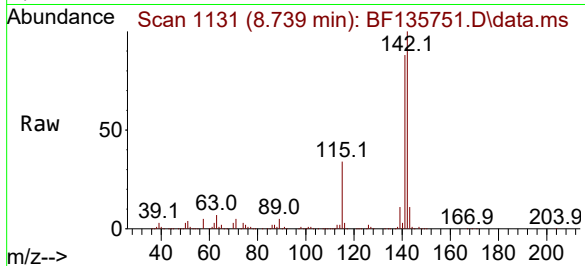




#37
2-Methylnaphthalene
Concen: 41.241 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

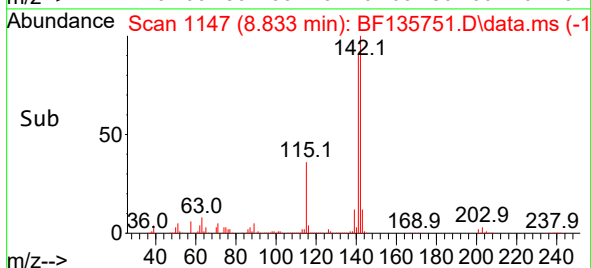
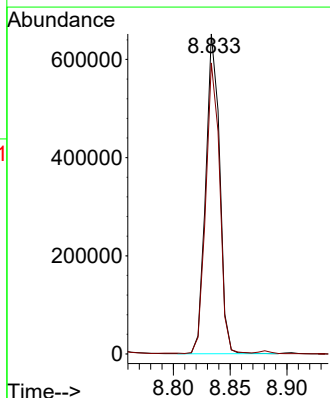
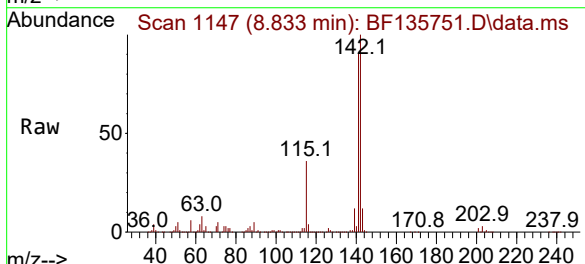
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

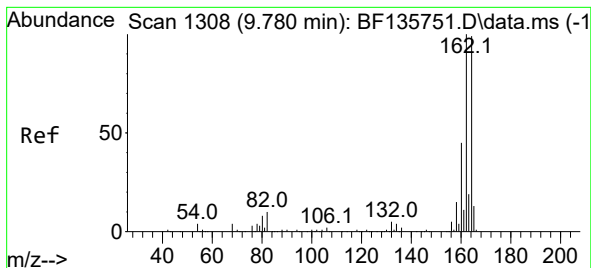
Tgt Ion:142 Resp: 601560
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8



#38
1-Methylnaphthalene
Concen: 41.131 ng
RT: 8.833 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:142 Resp: 553360
Ion Ratio Lower Upper
142 100
141 90.9 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

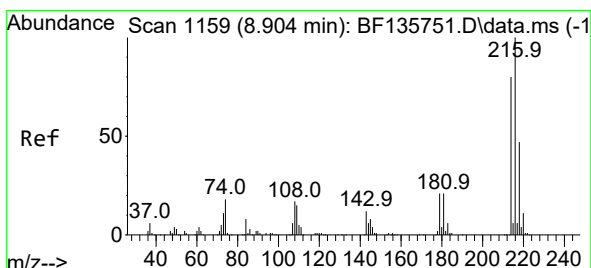
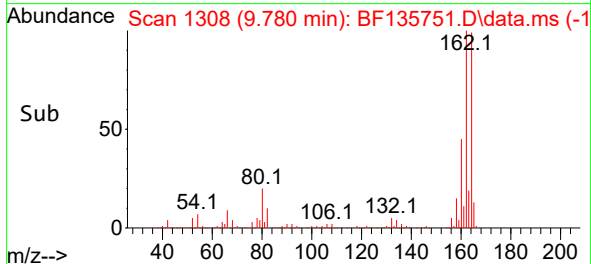
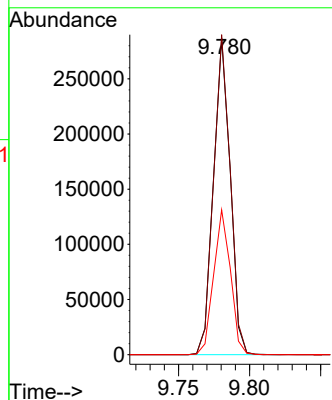
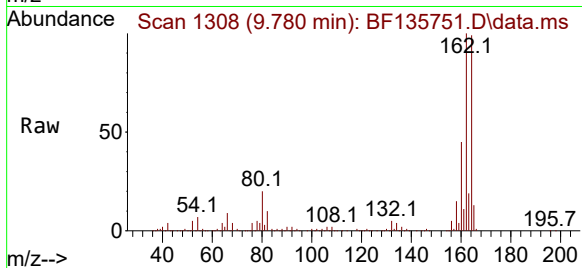
Tgt Ion:164 Resp: 234981

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

160 45.7 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.137 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Tgt Ion:216 Resp: 278058

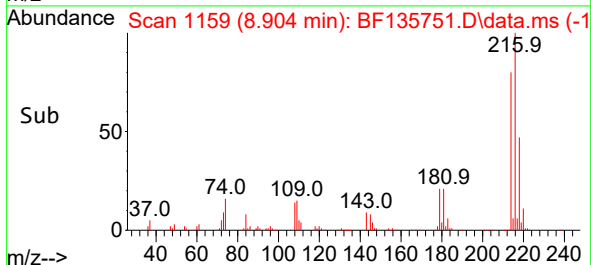
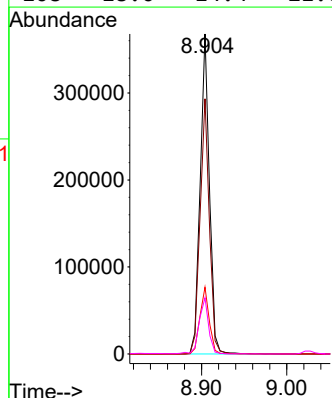
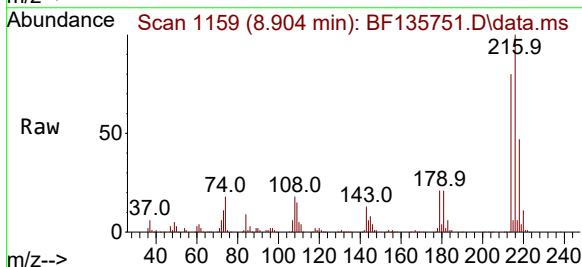
Ion Ratio Lower Upper

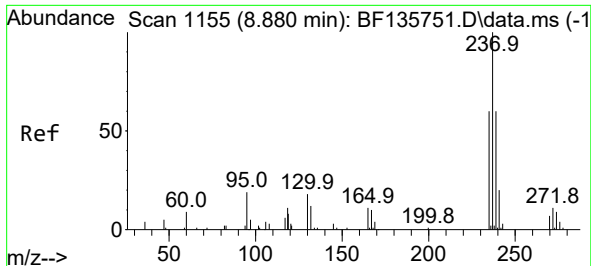
216 100

214 80.0 64.0 96.0

179 21.1 16.9 25.3

108 18.0 14.4 21.6

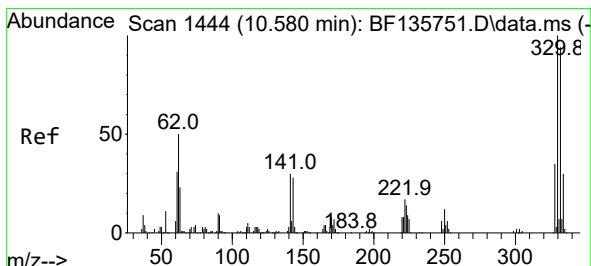
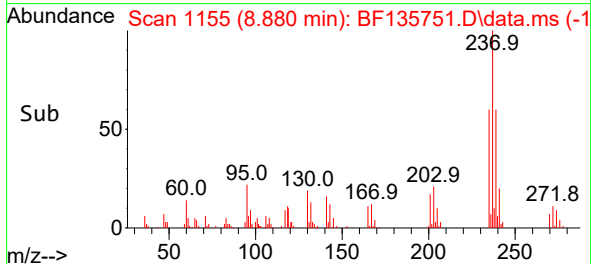
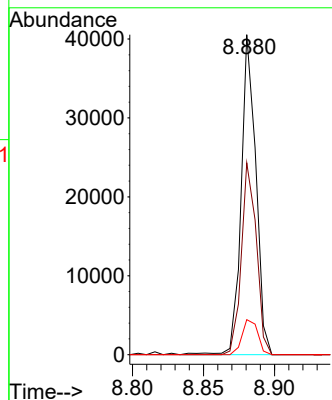
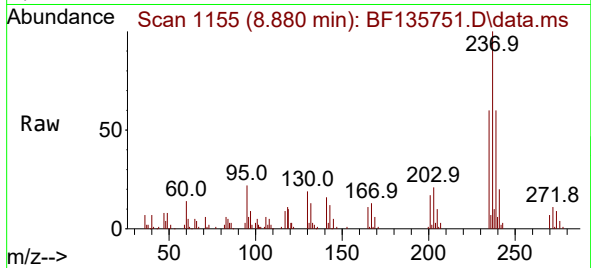




#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

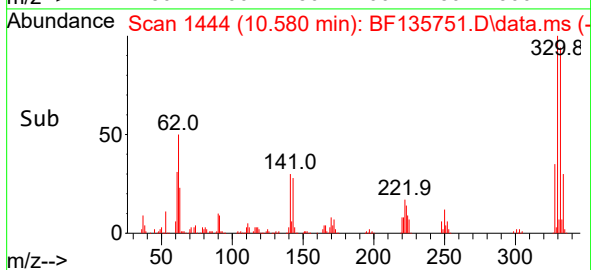
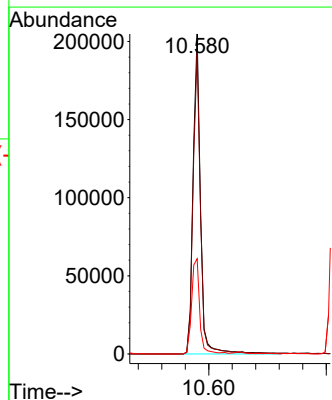
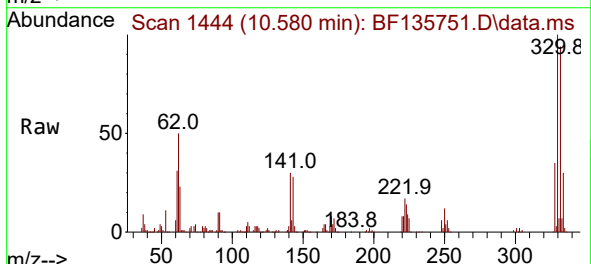
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

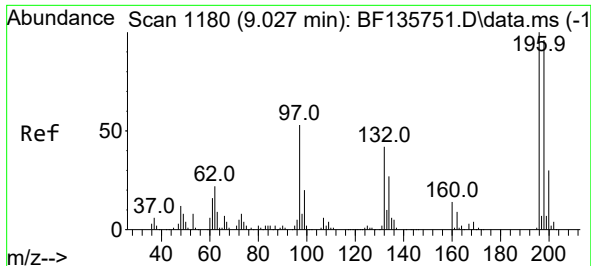
Tgt Ion:237 Resp: 29253
Ion Ratio Lower Upper
237 100
235 60.0 40.0 80.0
272 10.9 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 79.865 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:330 Resp: 180083
Ion Ratio Lower Upper
330 100
332 93.7 75.0 112.4
141 32.2 25.8 38.6

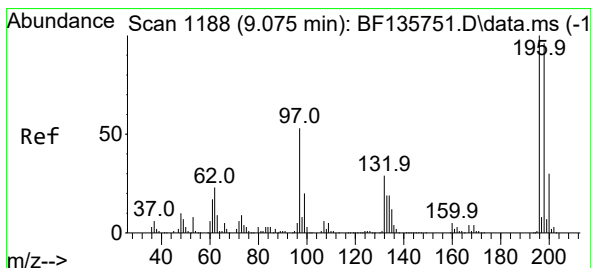
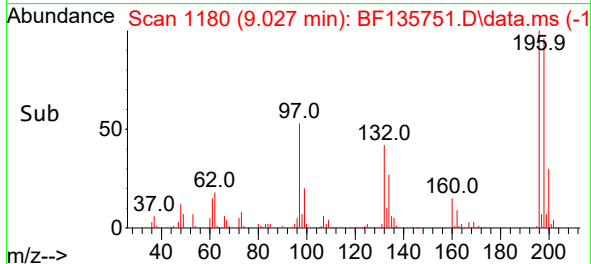
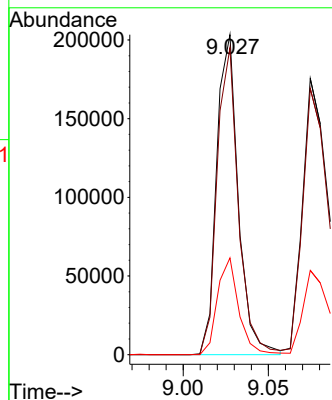
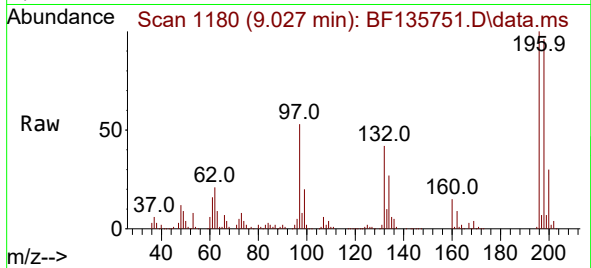




#43
 2,4,6-Trichlorophenol
 Concen: 41.180 ng
 RT: 9.027 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: BF135751.D
 Acq: 13 Oct 2023 13:54

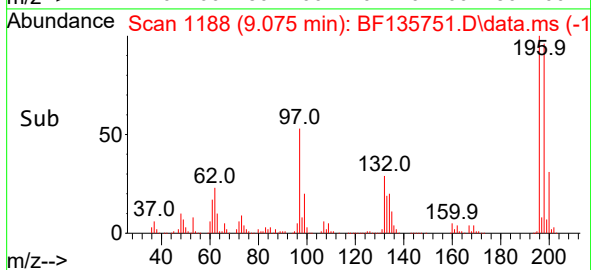
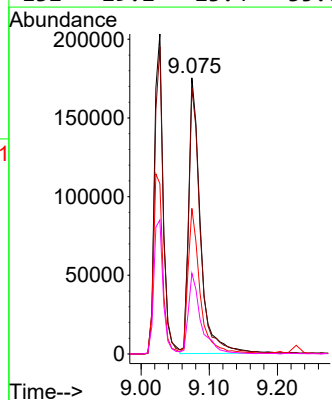
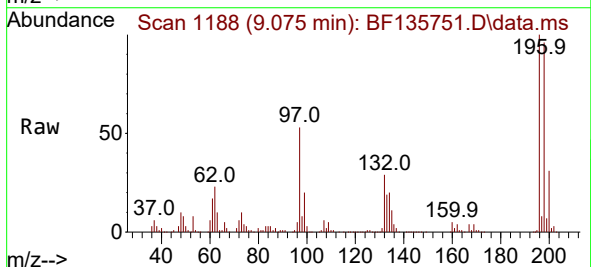
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

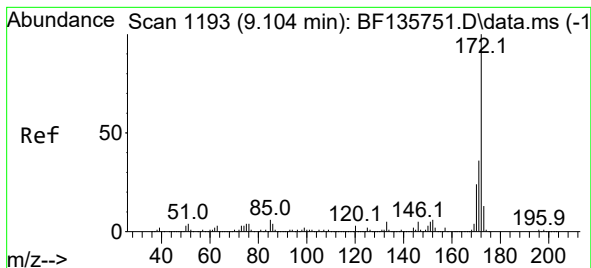
Tgt Ion:196 Resp: 179370
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.7 115.1
 200 30.3 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 41.256 ng
 RT: 9.075 min Scan# 1188
 Delta R.T. 0.000 min
 Lab File: BF135751.D
 Acq: 13 Oct 2023 13:54

Tgt Ion:196 Resp: 209009
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.0 115.6
 97 52.7 42.2 63.2
 132 29.2 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 78.396 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

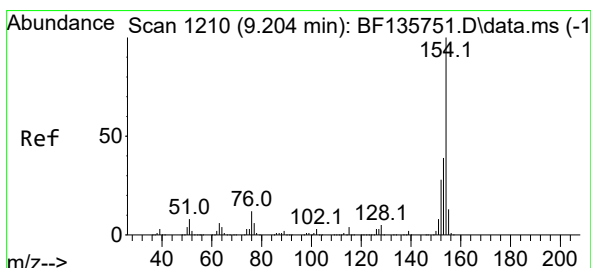
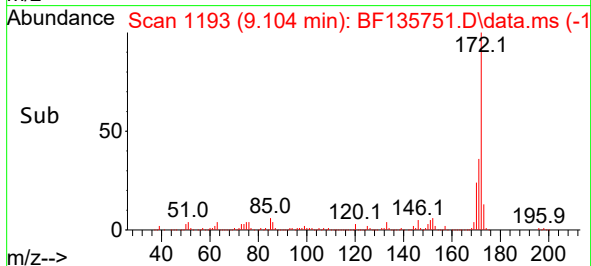
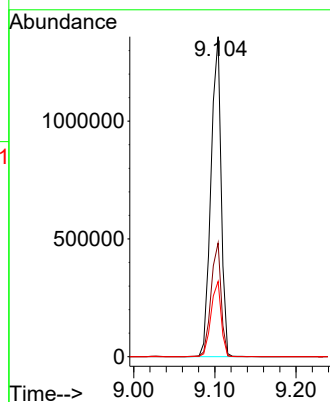
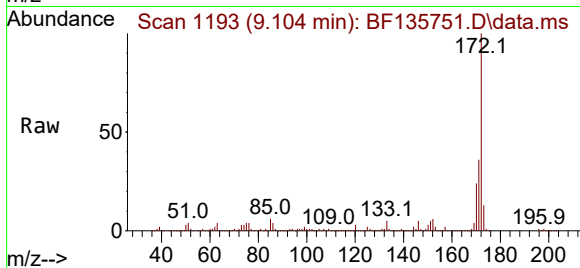
Tgt Ion:172 Resp: 1178215

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.322 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

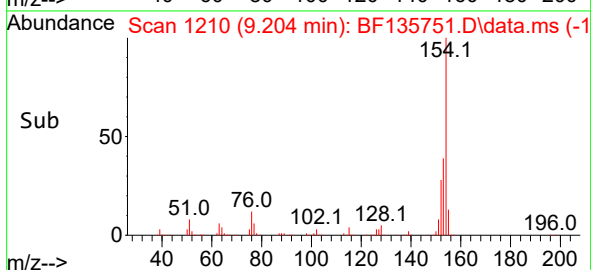
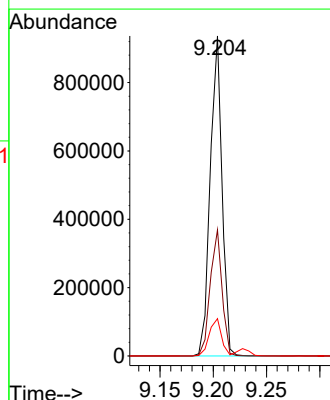
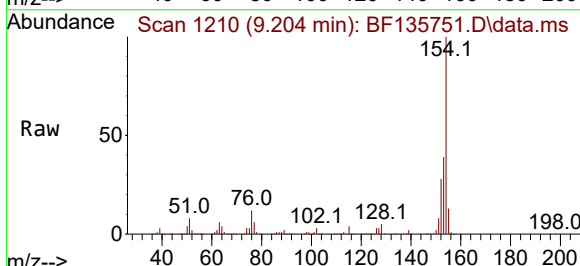
Tgt Ion:154 Resp: 725785

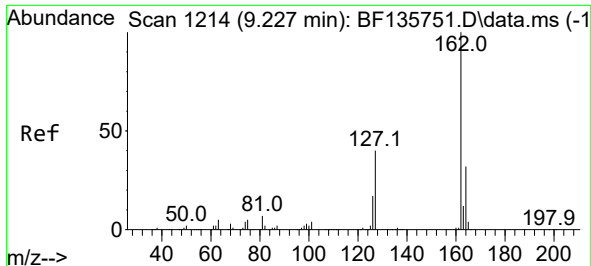
Ion Ratio Lower Upper

154 100

153 39.4 19.4 59.4

76 11.7 0.0 31.7

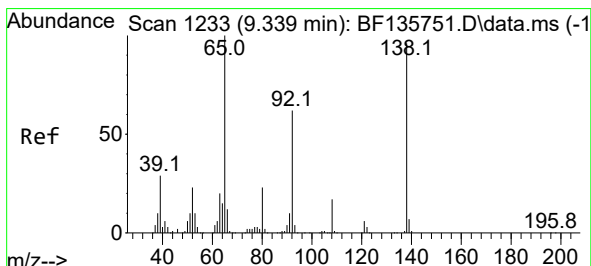
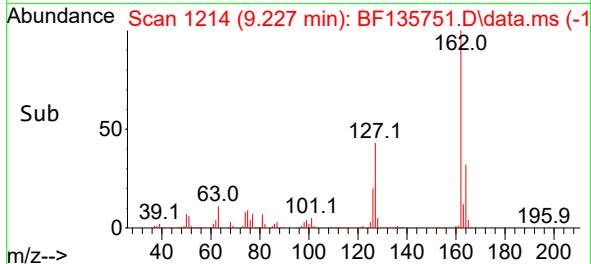
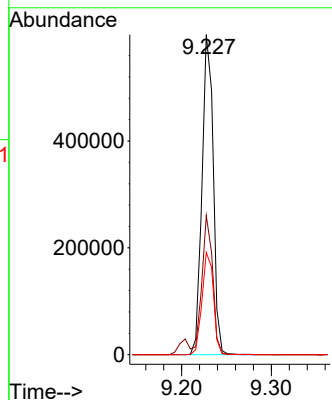
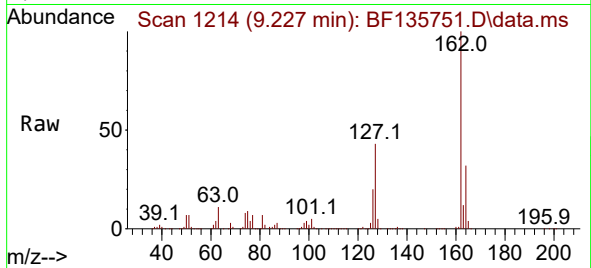




#47
2-Chloronaphthalene
Concen: 40.159 ng
RT: 9.227 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

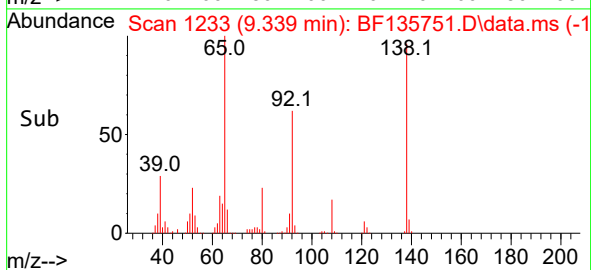
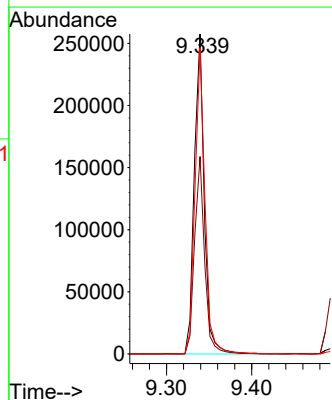
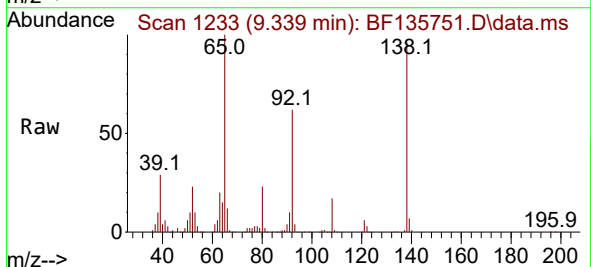
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

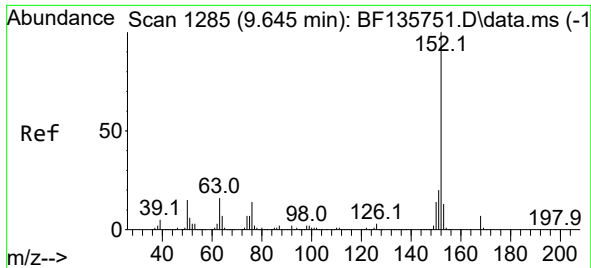
Tgt Ion:162 Resp: 520961
Ion Ratio Lower Upper
162 100
127 43.4 34.7 52.1
164 32.0 25.6 38.4



#48
2-Nitroaniline
Concen: 40.816 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion: 65 Resp: 208999
Ion Ratio Lower Upper
65 100
92 61.7 49.4 74.0
138 95.7 76.6 114.8

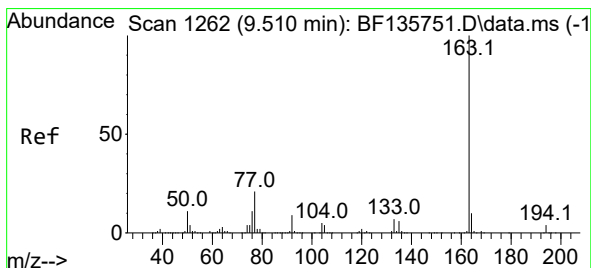
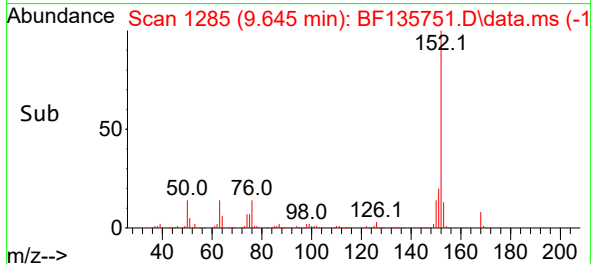
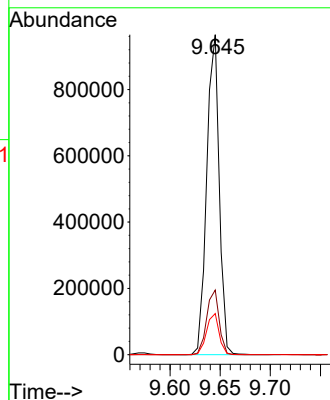
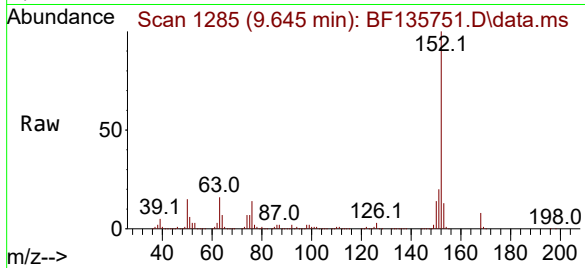




#49
Acenaphthylene
Concen: 39.172 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

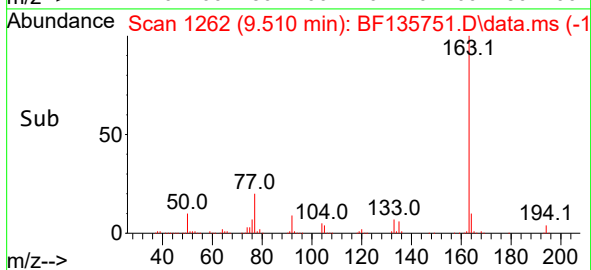
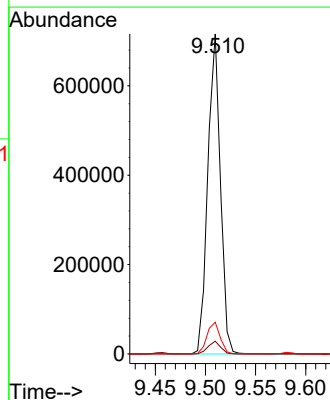
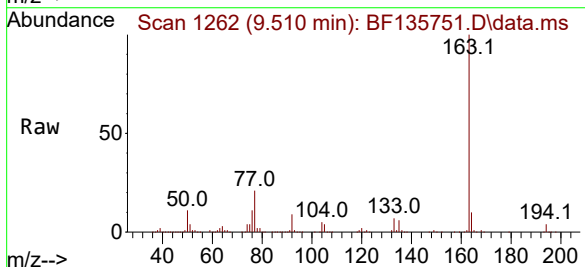
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

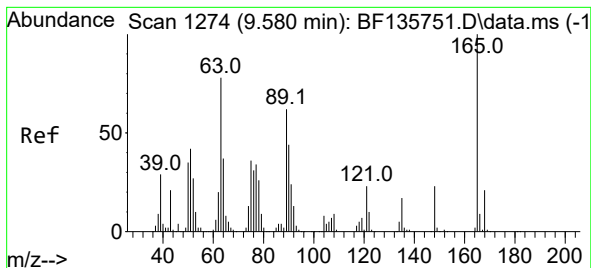
Tgt Ion:152 Resp: 840949
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 12.8 10.2 15.4



#50
Dimethylphthalate
Concen: 39.512 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:163 Resp: 626777
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.9 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 40.438 ng

RT: 9.580 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

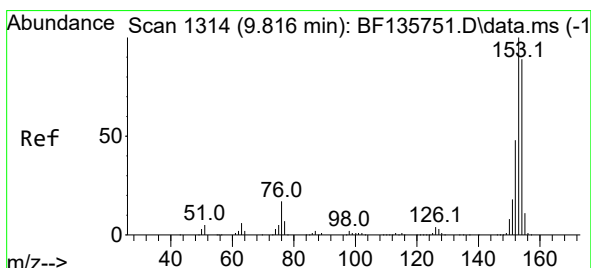
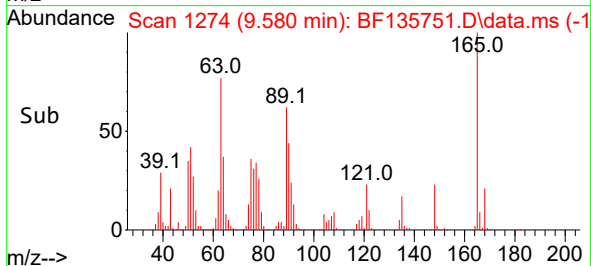
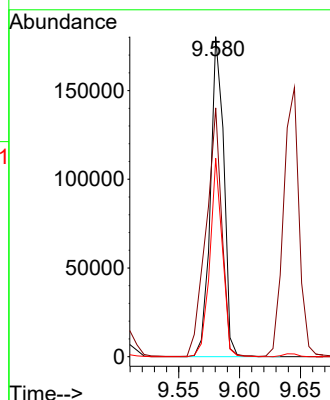
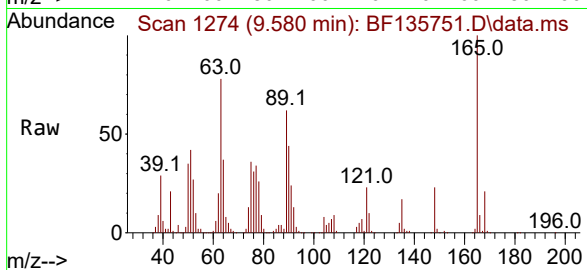
Tgt Ion:165 Resp: 137941

Ion Ratio Lower Upper

165 100

63 77.8 62.2 93.4

89 62.0 49.6 74.4



#52

Acenaphthene

Concen: 40.268 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

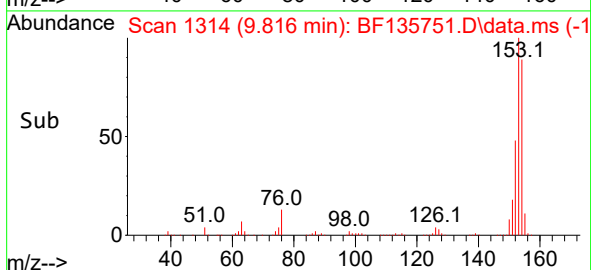
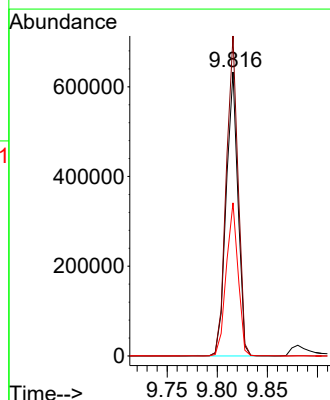
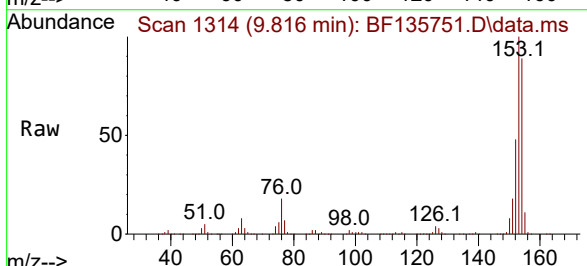
Tgt Ion:154 Resp: 518154

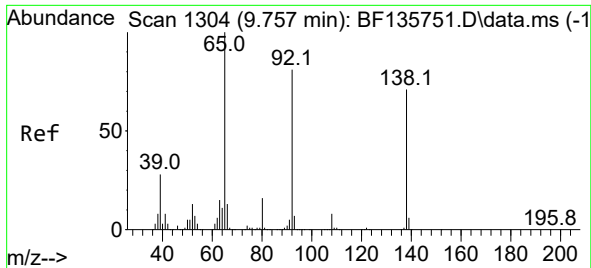
Ion Ratio Lower Upper

154 100

153 112.6 90.1 135.1

152 53.9 43.1 64.7

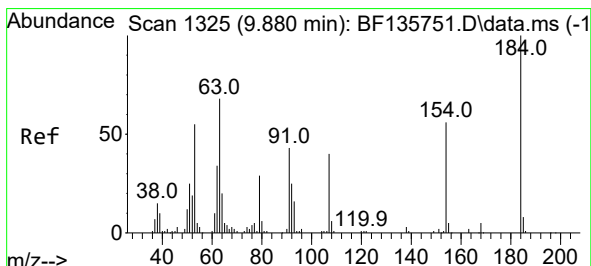
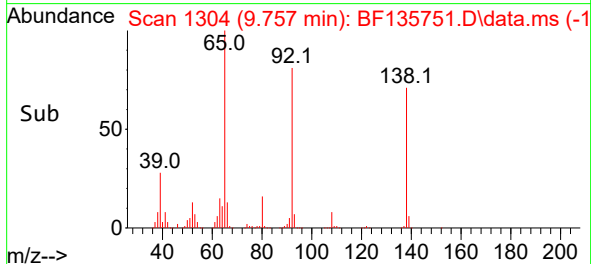
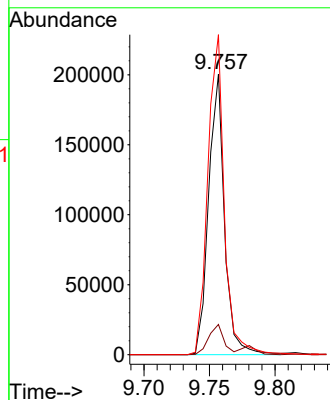
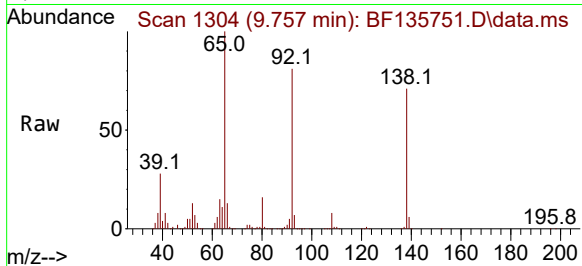




#53
3-Nitroaniline
Concen: 40.486 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

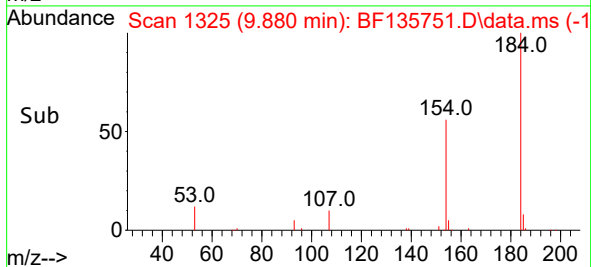
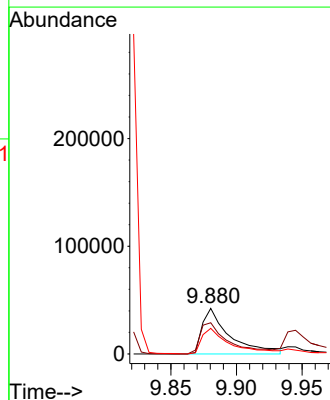
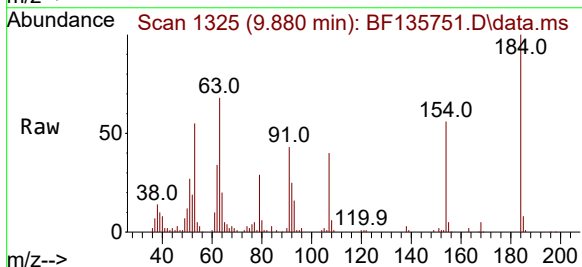
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

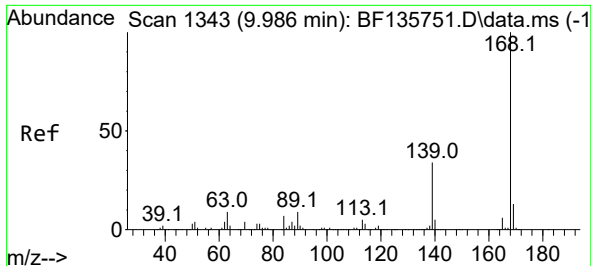
Tgt Ion:138 Resp: 169301
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 114.1 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 43.385 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:184 Resp: 61778
Ion Ratio Lower Upper
184 100
63 68.2 54.6 81.8
154 56.2 45.0 67.4

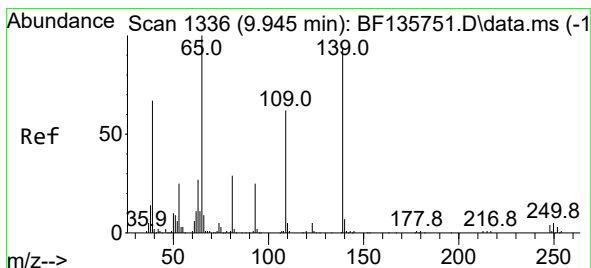
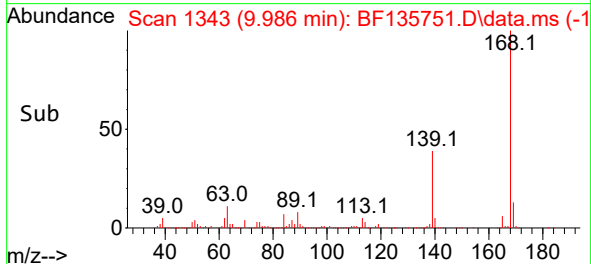
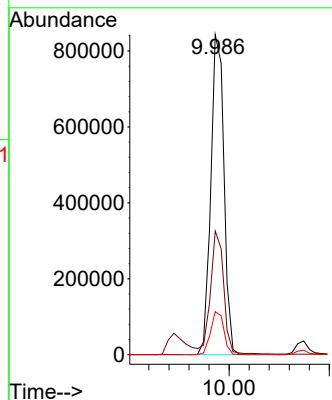
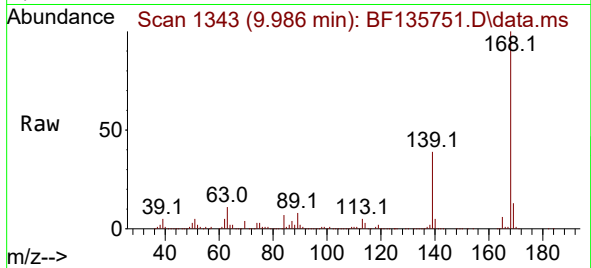




#55
Dibenzenofuran
Concen: 39.618 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

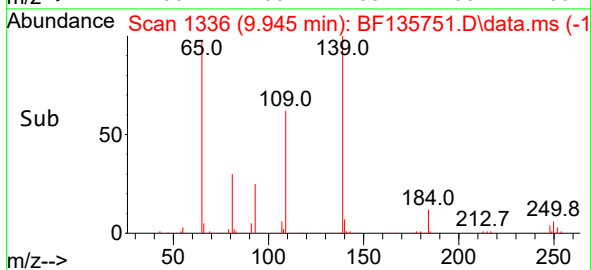
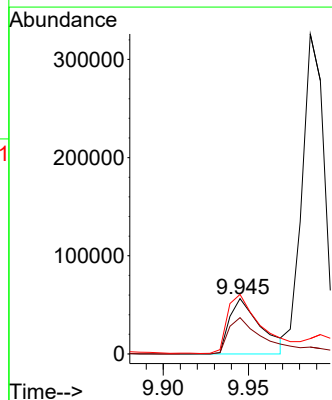
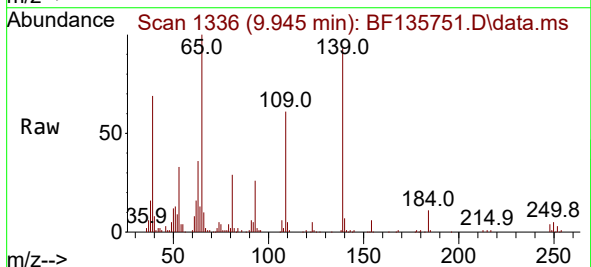
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

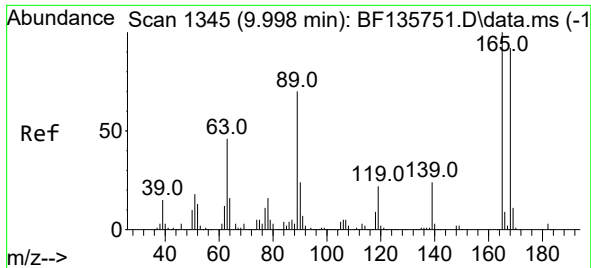
Tgt Ion:168 Resp: 769198
Ion Ratio Lower Upper
168 100
139 38.7 31.0 46.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 40.163 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:139 Resp: 71325
Ion Ratio Lower Upper
139 100
109 65.6 45.6 85.6
65 107.5 87.5 127.5

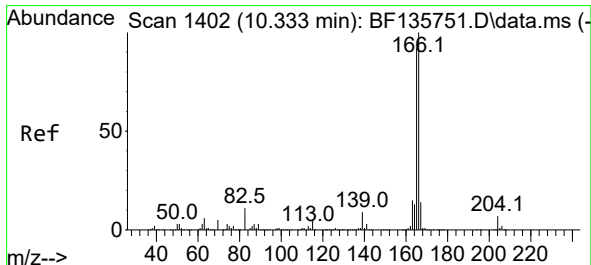
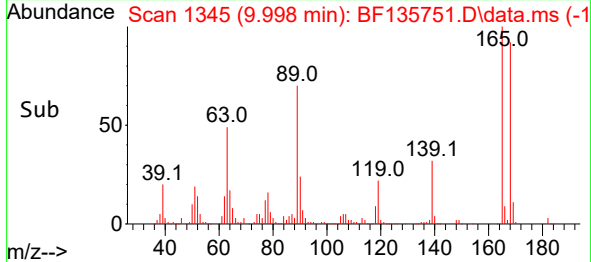
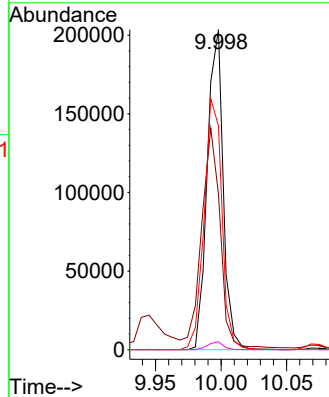
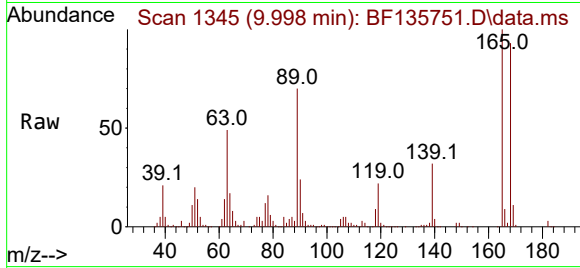




#57
2,4-Dinitrotoluene
Concen: 39.642 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

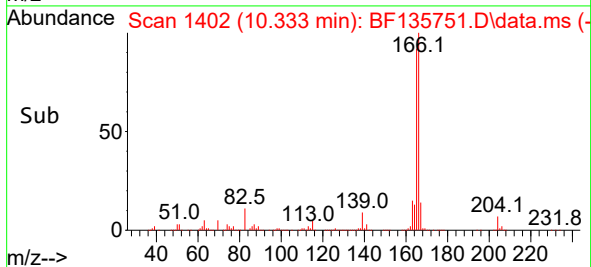
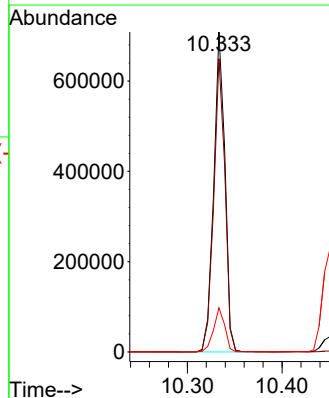
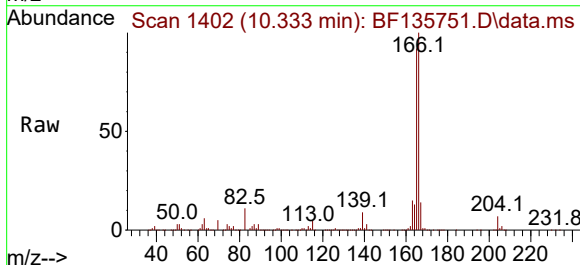
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

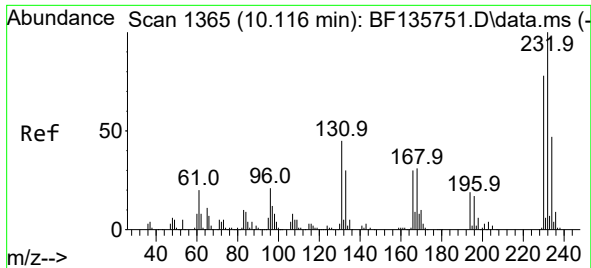
Tgt Ion:	165	Resp:	172036
Ion	Ratio	Lower	Upper
165	100		
63	48.7	39.0	58.4
89	69.9	55.9	83.9
182	2.5	2.0	3.0



#58
Fluorene
Concen: 38.164 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:	166	Resp:	580079
Ion	Ratio	Lower	Upper
166	100		
165	91.7	73.4	110.0
167	13.8	11.0	16.6

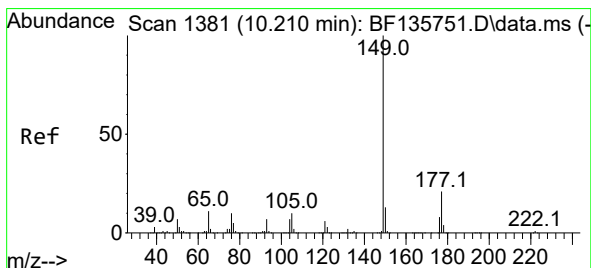
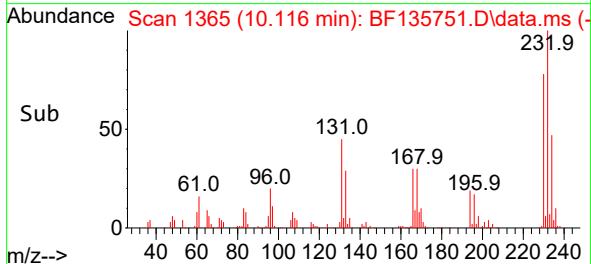
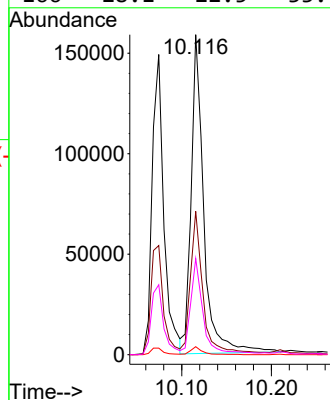
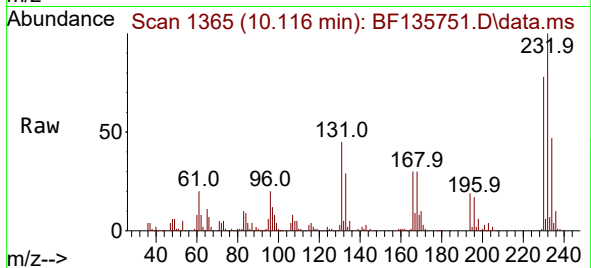




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.449 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

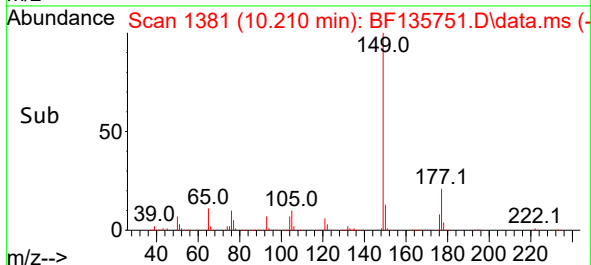
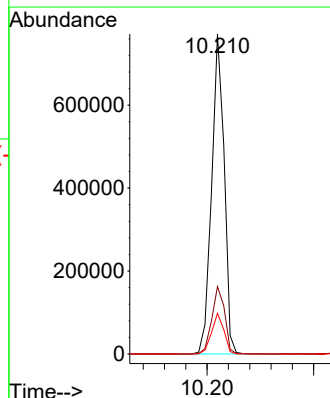
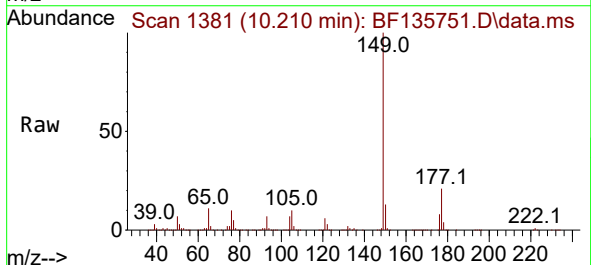
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

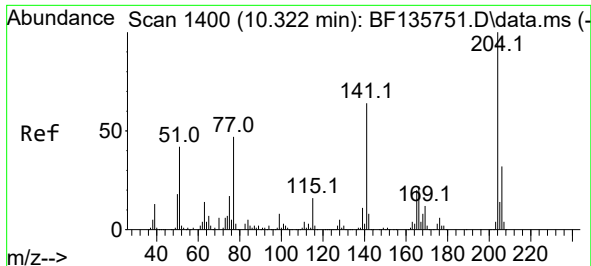
Tgt Ion:232 Resp: 154863
Ion Ratio Lower Upper
232 100
131 44.7 35.8 53.6
130 2.4 1.9 2.9
166 28.1 22.5 33.7



#60
Diethylphthalate
Concen: 38.853 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:149 Resp: 629196
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.7 10.2 15.2

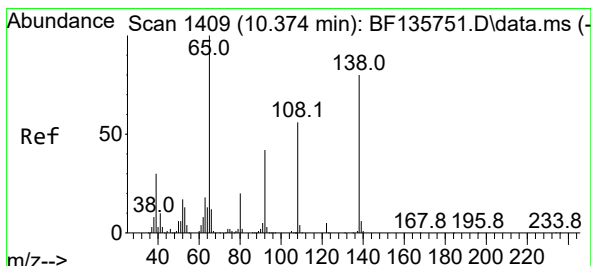
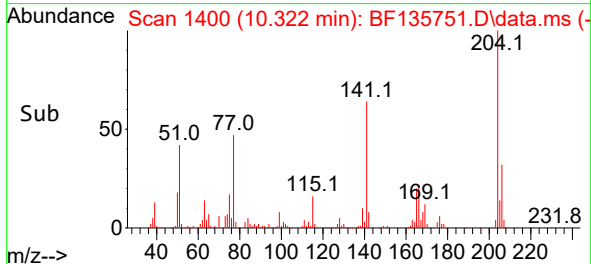
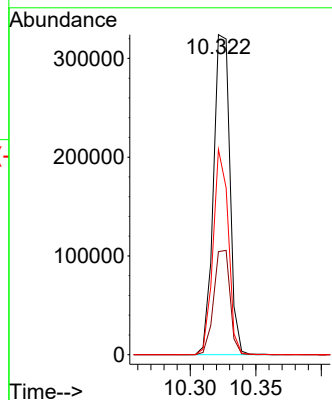
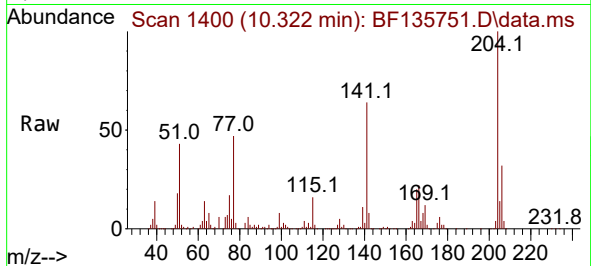




#61
4-Chlorophenyl-phenylether
Concen: 38.352 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

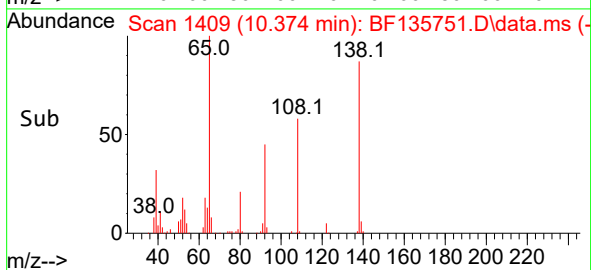
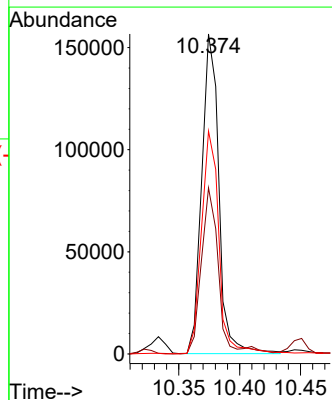
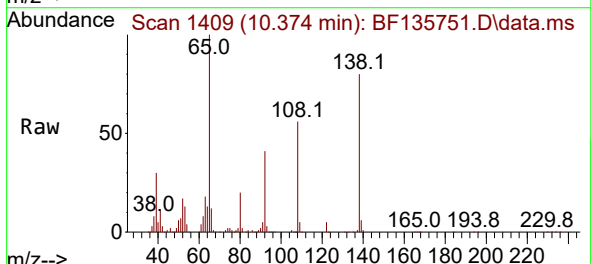
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

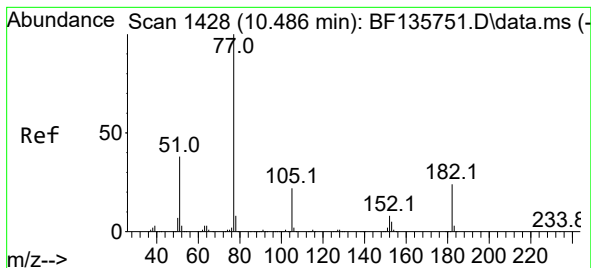
Tgt Ion:204 Resp: 281743
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 64.2 51.4 77.0



#62
4-Nitroaniline
Concen: 39.626 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:138 Resp: 152458
Ion Ratio Lower Upper
138 100
92 51.9 31.9 71.9
108 69.7 49.7 89.7





#63

Azobenzene

Concen: 39.652 ng

RT: 10.486 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 623866

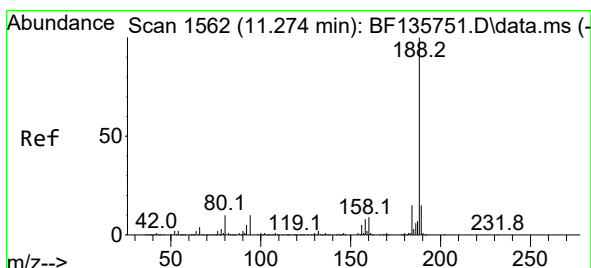
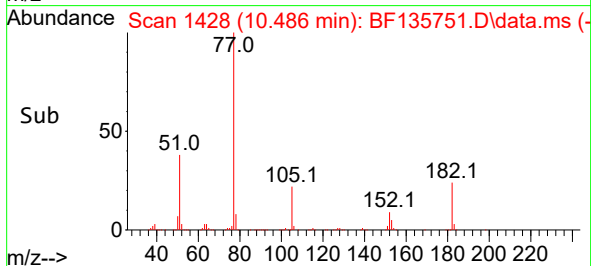
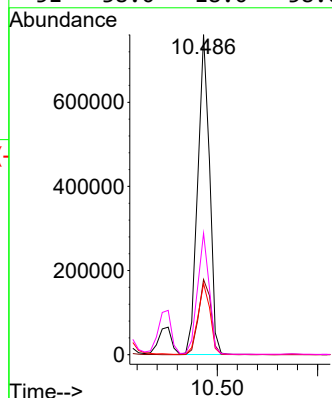
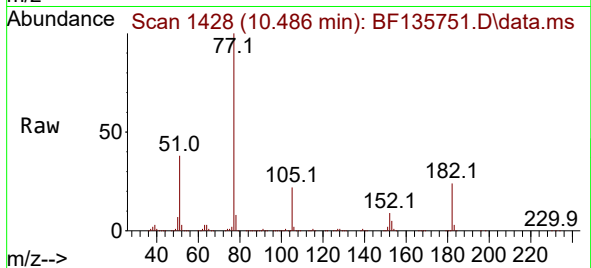
Ion Ratio Lower Upper

77 100

182 23.5 3.5 43.5

105 22.2 2.2 42.2

51 38.0 18.0 58.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

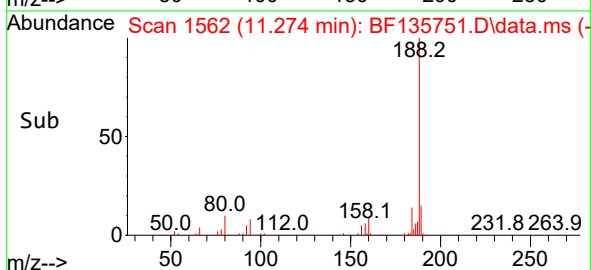
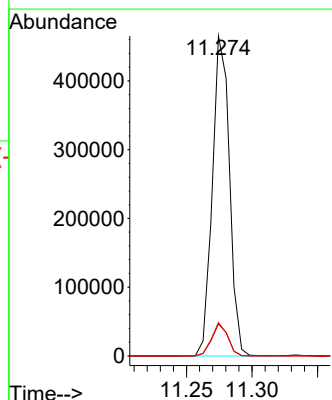
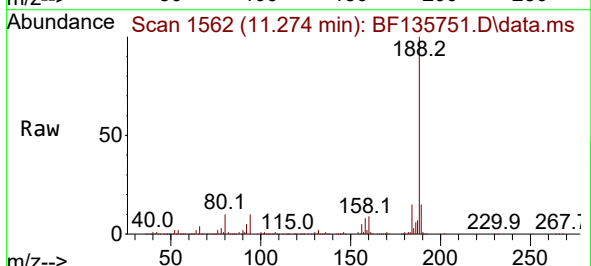
Tgt Ion: 188 Resp: 422510

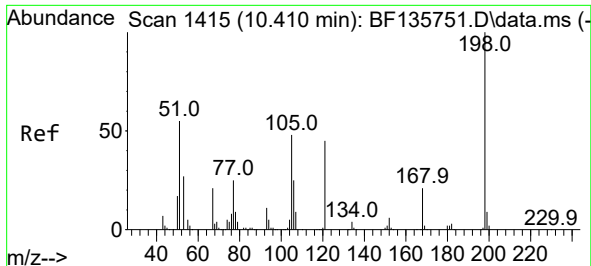
Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

80 10.4 8.3 12.5

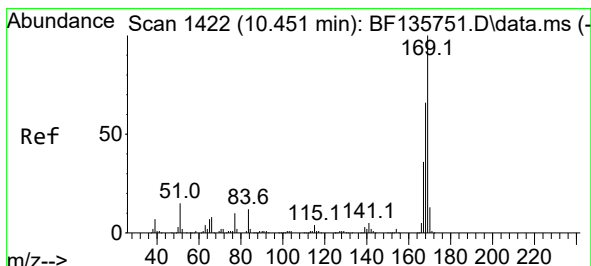
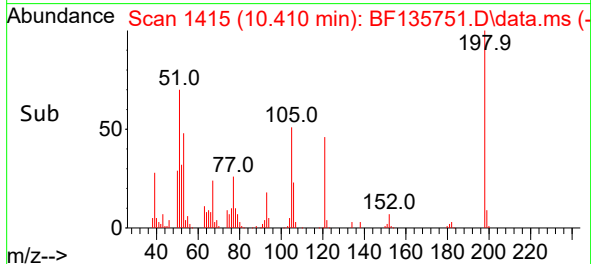
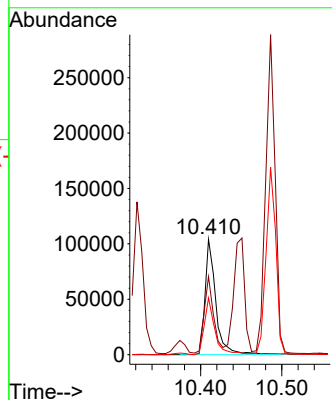
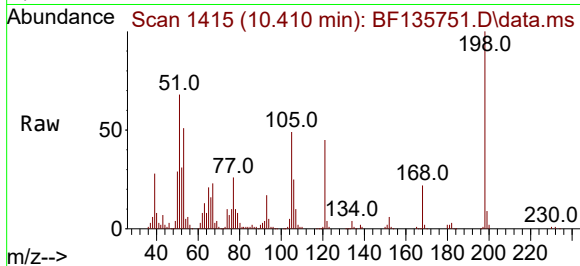




#65
4,6-Dinitro-2-methylphenol
Concen: 45.159 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

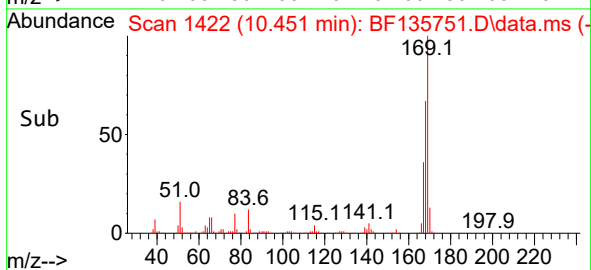
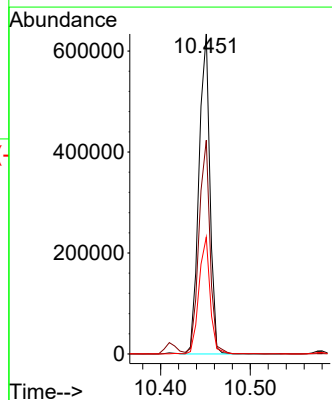
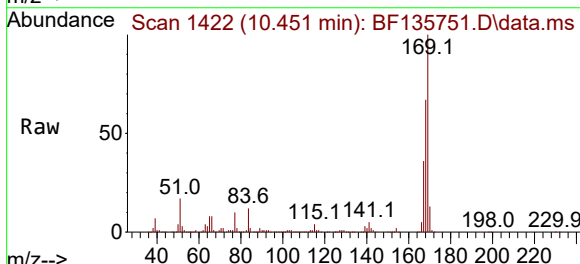
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

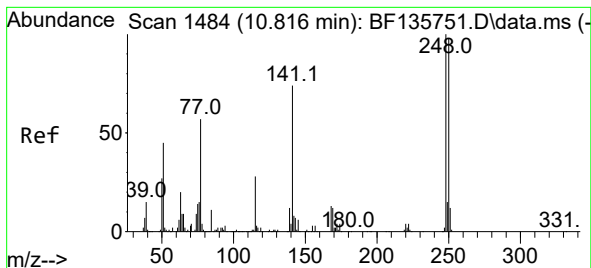
Tgt Ion:198 Resp: 96024
Ion Ratio Lower Upper
198 100
51 67.6 47.6 87.6
105 49.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 41.874 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:169 Resp: 539258
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.5 29.2 43.8

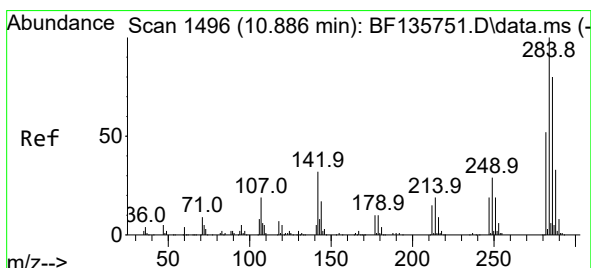
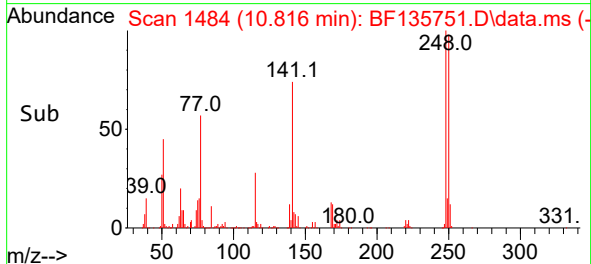
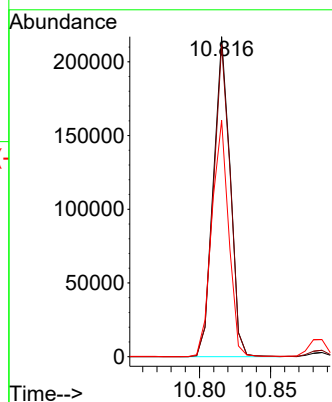
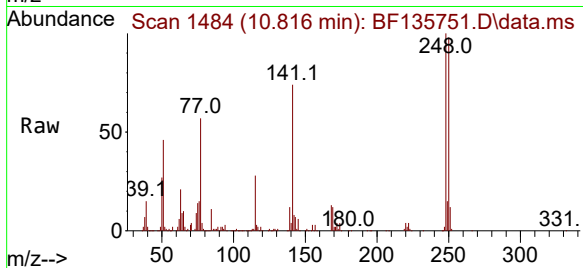




#67
4-Bromophenyl-phenylether
Concen: 42.031 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

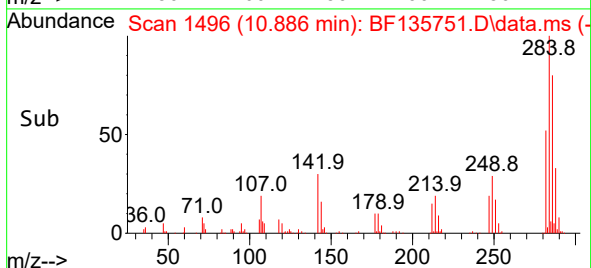
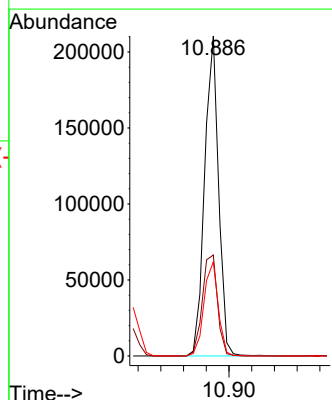
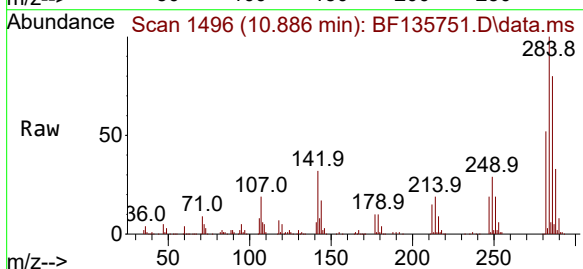
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

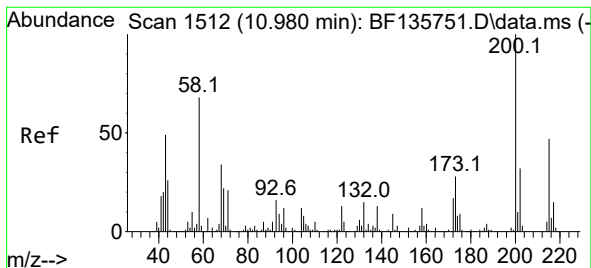
Tgt Ion:248 Resp: 178266
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 73.8 59.0 88.6



#68
Hexachlorobenzene
Concen: 41.358 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:284 Resp: 178588
Ion Ratio Lower Upper
284 100
142 31.6 25.3 37.9
249 29.4 23.5 35.3





#69

Atrazine

Concen: 40.944 ng

RT: 10.980 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

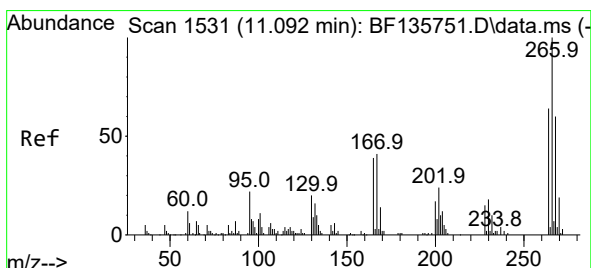
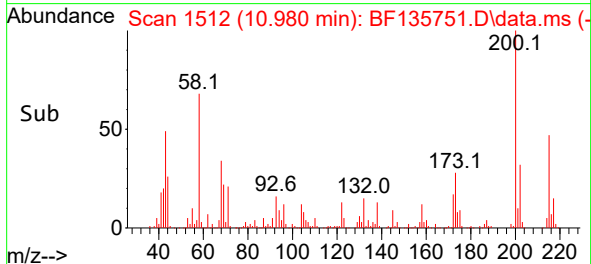
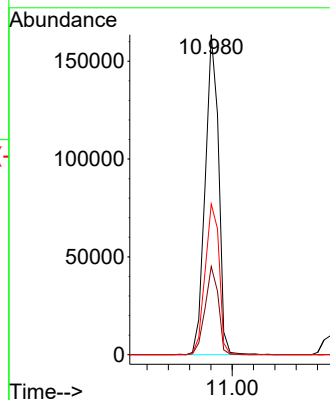
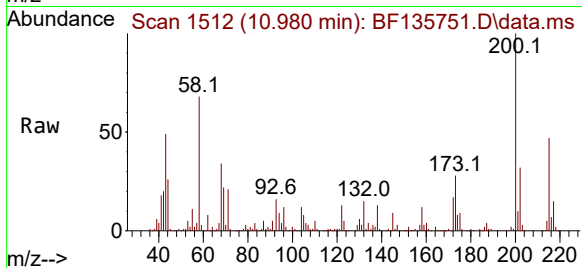
Tgt Ion:200 Resp: 143419

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

215 47.1 27.1 67.1



#70

Pentachlorophenol

Concen: 45.327 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

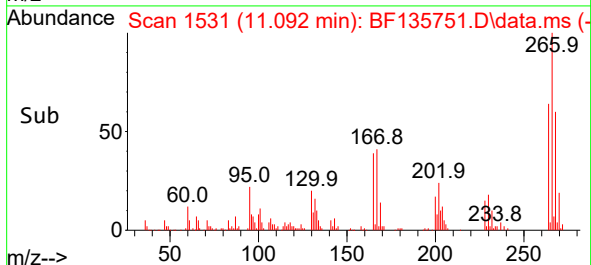
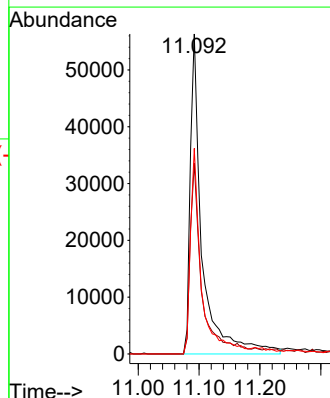
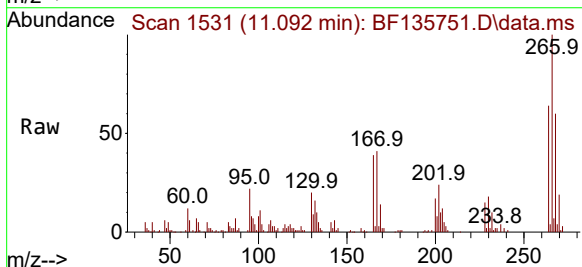
Tgt Ion:266 Resp: 76112

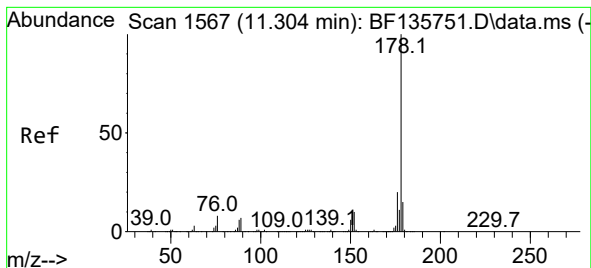
Ion Ratio Lower Upper

266 100

268 59.6 47.7 71.5

264 64.3 51.4 77.2





#71

Phenanthrene

Concen: 41.173 ng

RT: 11.304 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

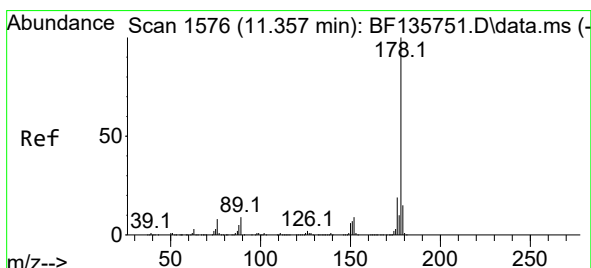
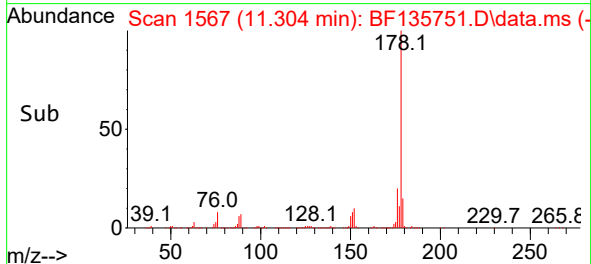
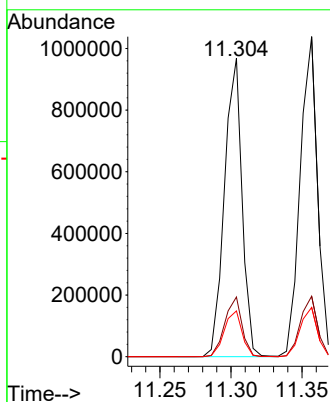
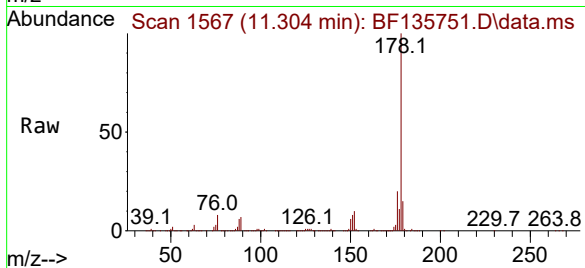
Tgt Ion:178 Resp: 833356

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 15.3 12.2 18.4



#72

Anthracene

Concen: 42.231 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

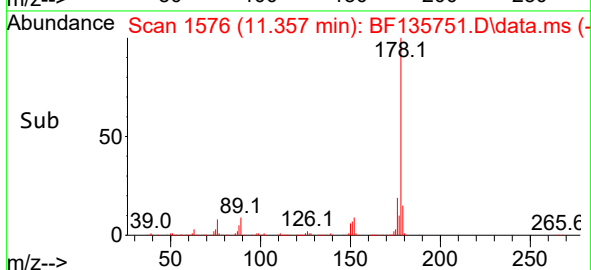
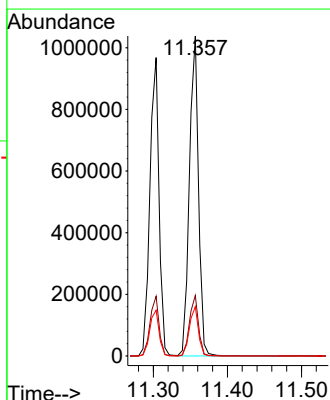
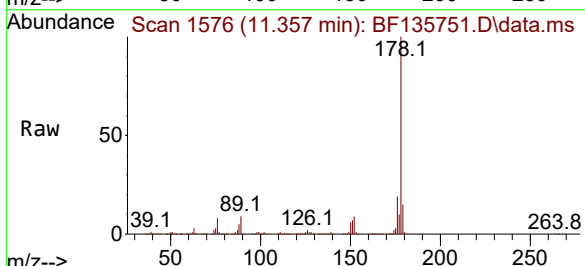
Tgt Ion:178 Resp: 885726

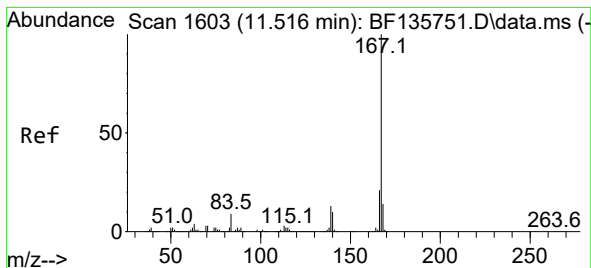
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.4 12.3 18.5





#73

Carbazole

Concen: 42.148 ng

RT: 11.516 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

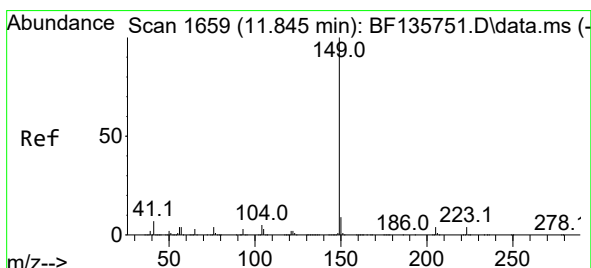
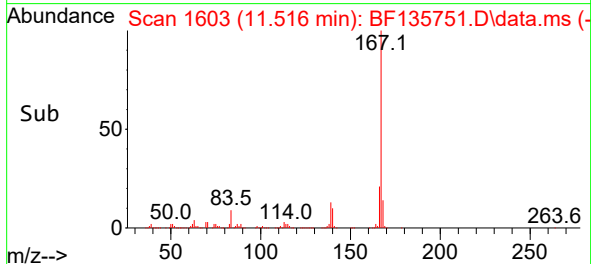
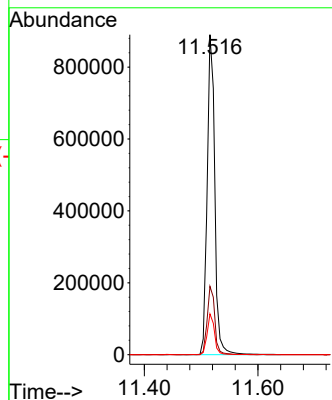
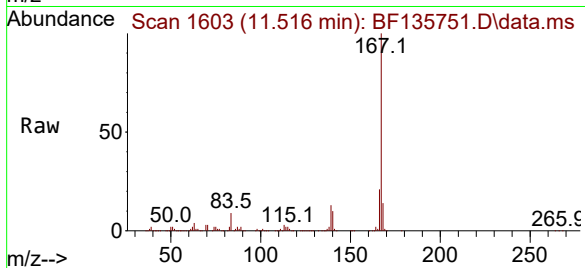
Tgt Ion:167 Resp: 824445

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 12.8 10.2 15.4



#74

Di-n-butylphthalate

Concen: 43.352 ng

RT: 11.845 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

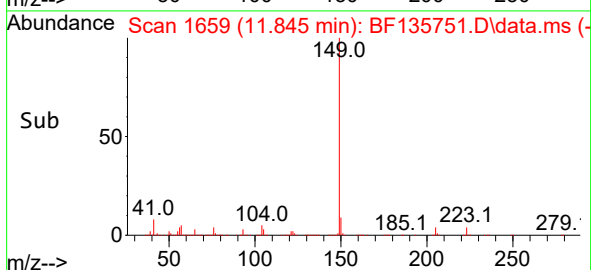
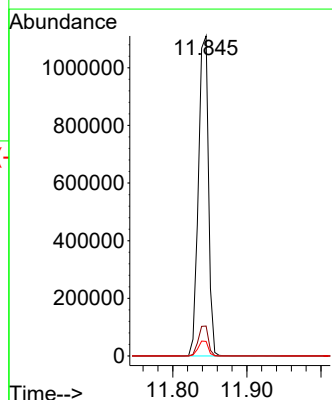
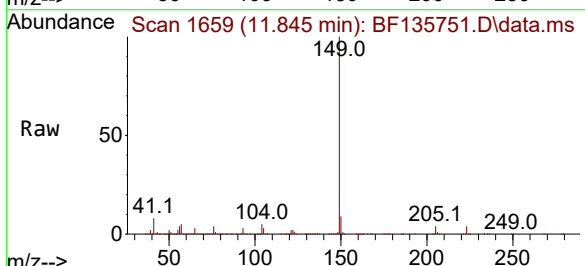
Tgt Ion:149 Resp: 1041151

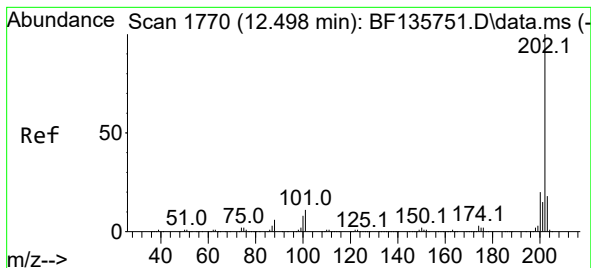
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.6 3.7 5.5





#75

Fluoranthene

Concen: 42.276 ng

RT: 12.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

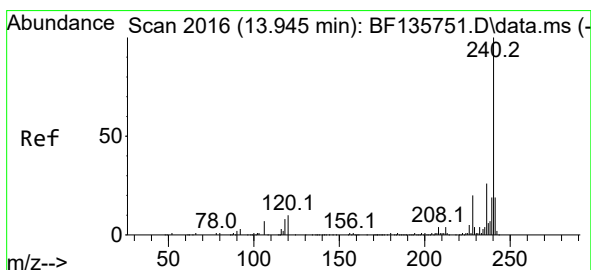
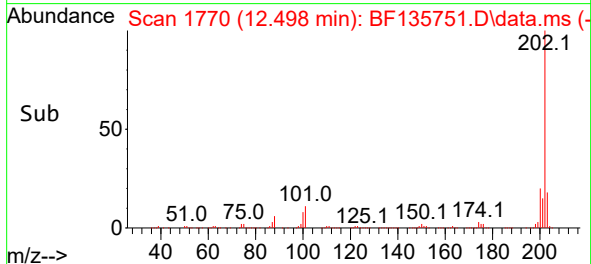
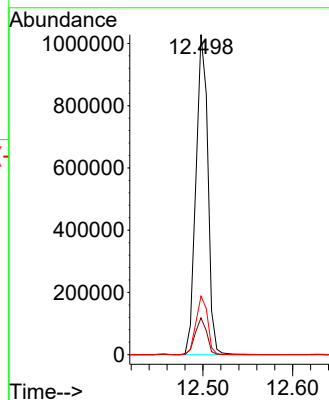
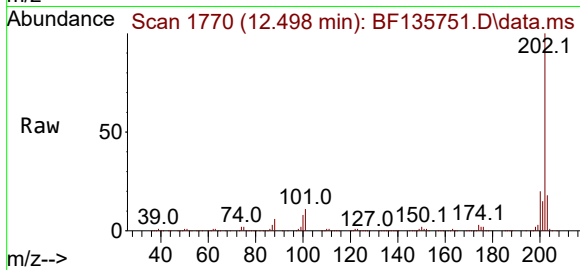
Tgt Ion:202 Resp: 949689

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.5

203 18.3 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

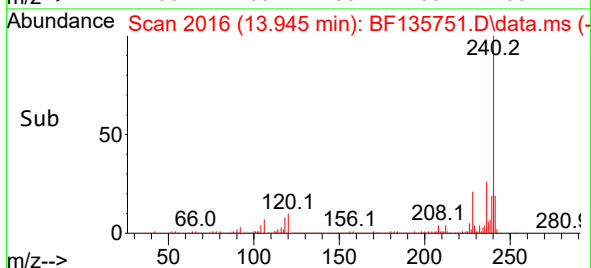
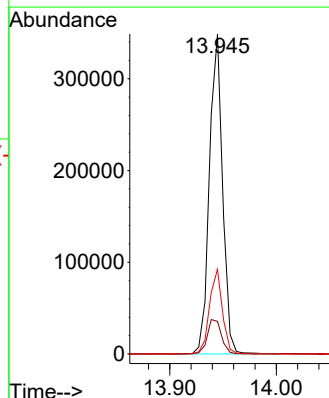
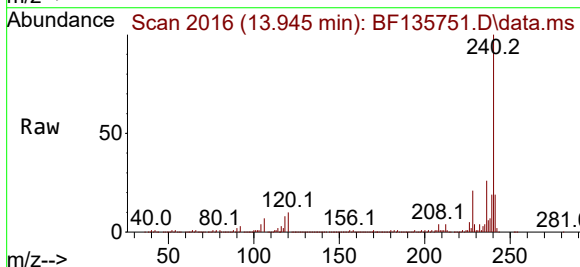
Tgt Ion:240 Resp: 300140

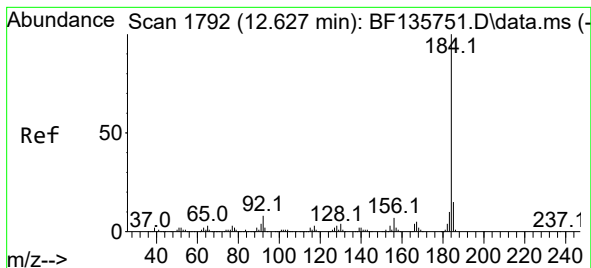
Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

236 26.5 21.2 31.8





#77

Benzidine

Concen: 40.313 ng

RT: 12.627 min Scan# 1792

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

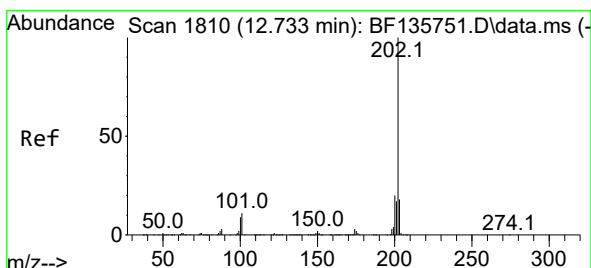
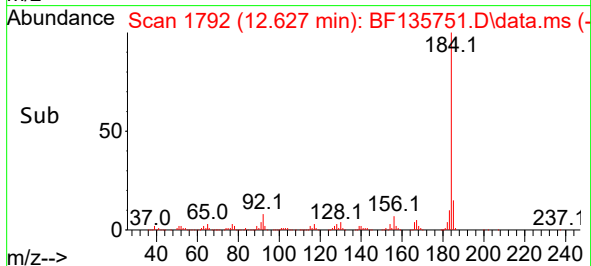
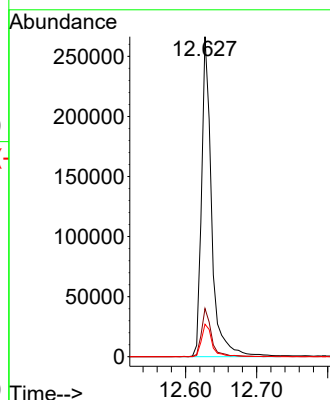
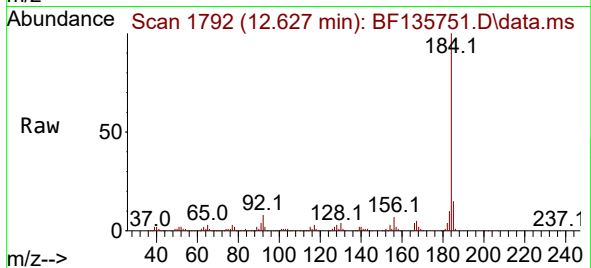
Tgt Ion:184 Resp: 264023

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 10.2 8.2 12.2



#78

Pyrene

Concen: 39.935 ng

RT: 12.733 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

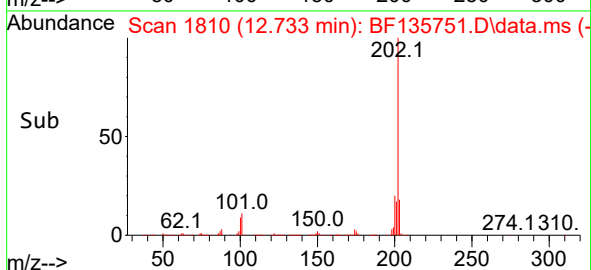
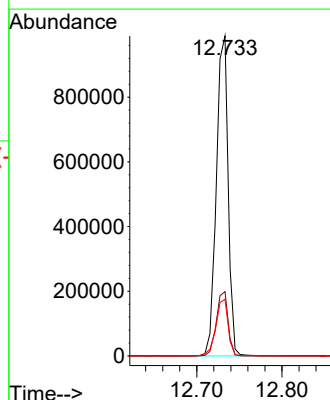
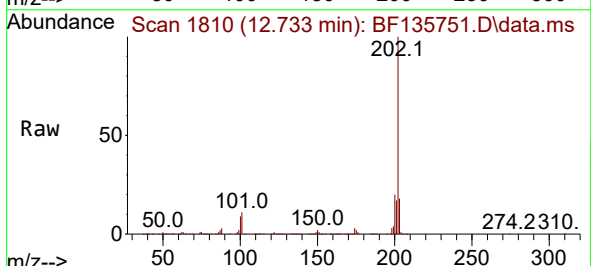
Tgt Ion:202 Resp: 952488

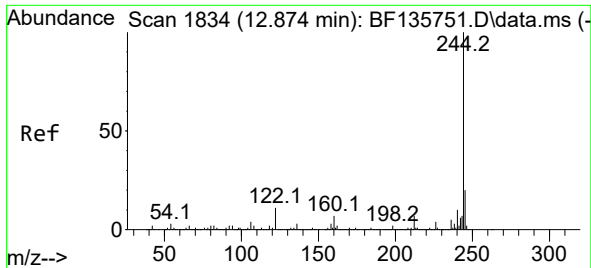
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.7 14.2 21.2

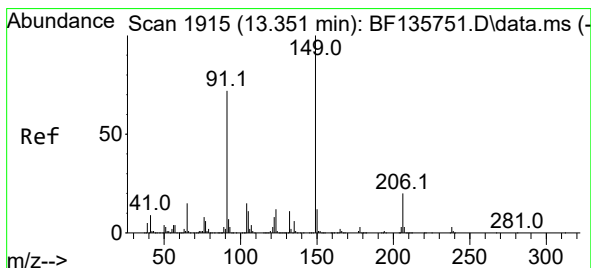
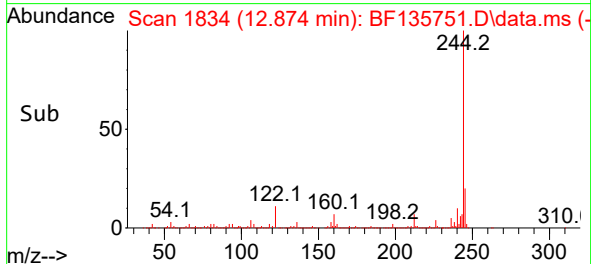
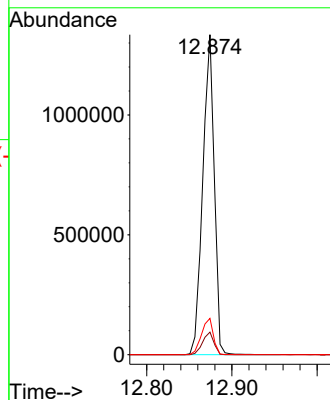
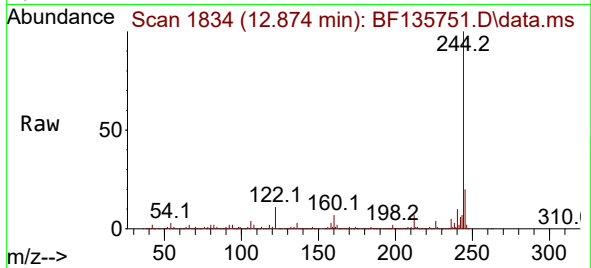




#79
 Terphenyl-d14
 Concen: 77.048 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: BF135751.D
 Acq: 13 Oct 2023 13:54

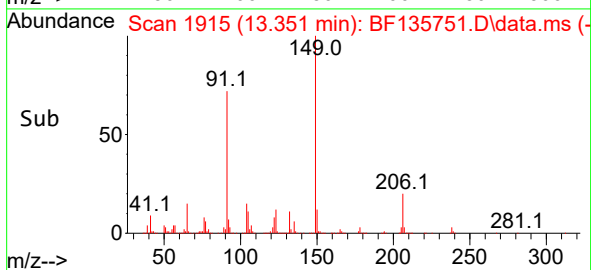
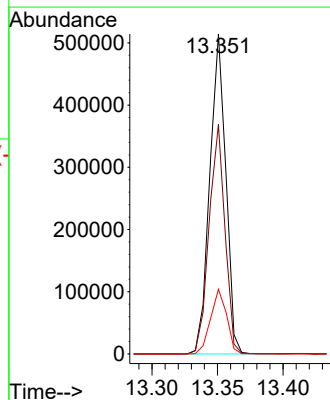
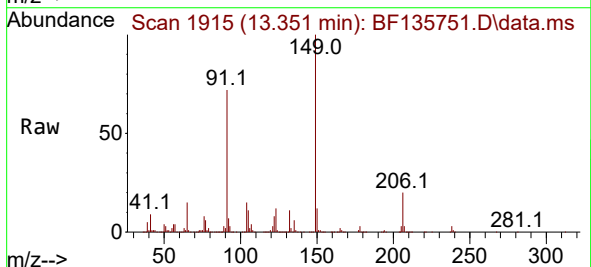
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

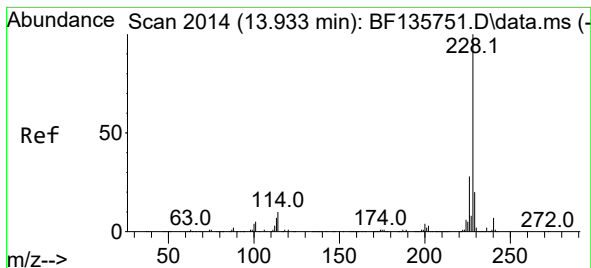
Tgt Ion:244 Resp: 1248724
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.3 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 41.775 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: BF135751.D
 Acq: 13 Oct 2023 13:54

Tgt Ion:149 Resp: 437839
 Ion Ratio Lower Upper
 149 100
 91 71.7 57.4 86.0
 206 20.3 16.2 24.4





#81

Benzo(a)anthracene

Concen: 41.706 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

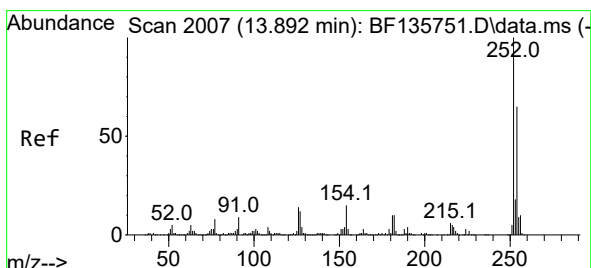
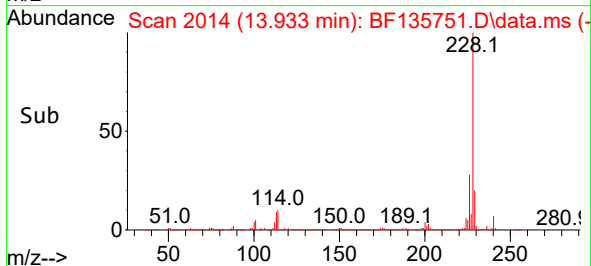
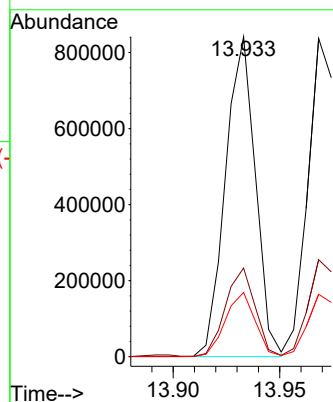
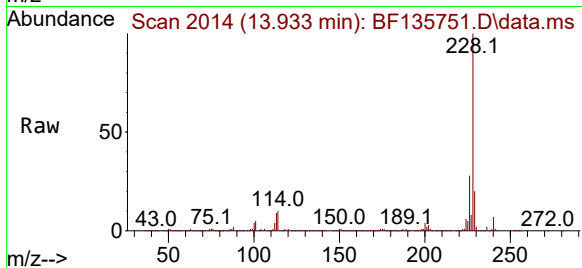
Tgt Ion:228 Resp: 822209

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.905 ng

RT: 13.892 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

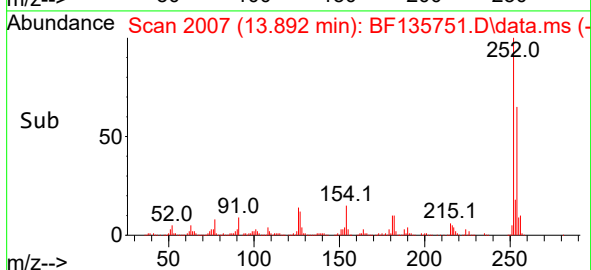
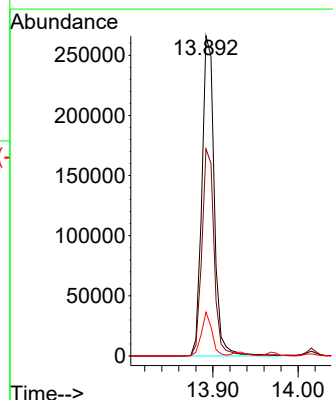
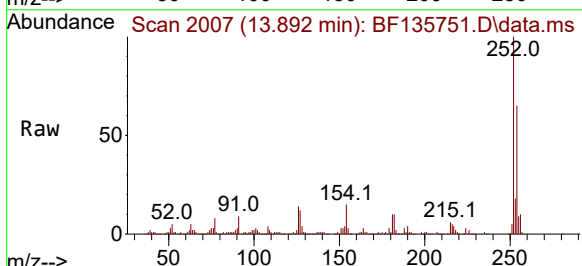
Tgt Ion:252 Resp: 267447

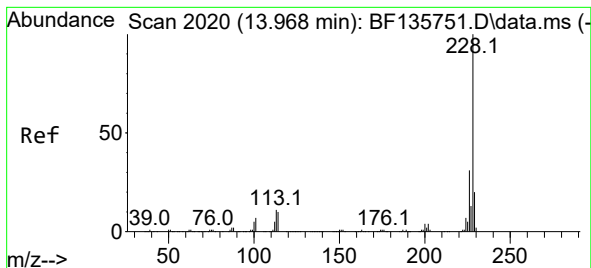
Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

126 13.7 11.0 16.4





#83

Chrysene

Concen: 40.876 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

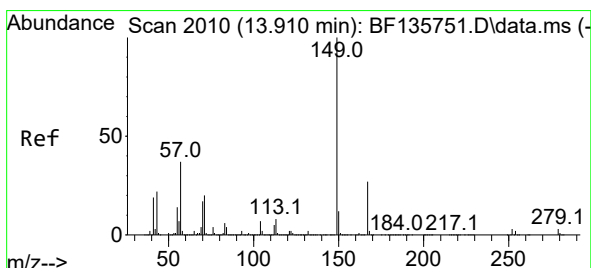
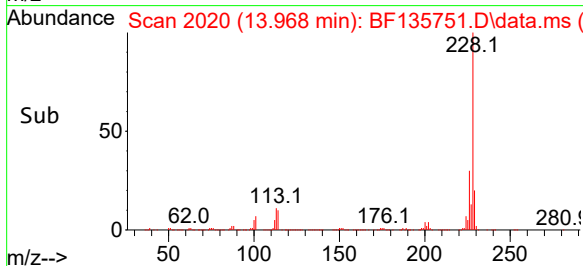
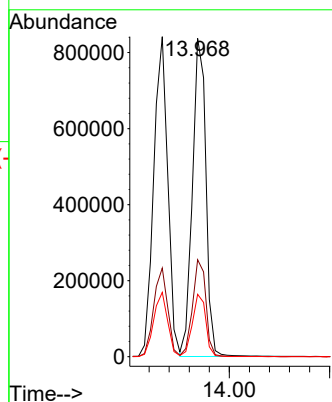
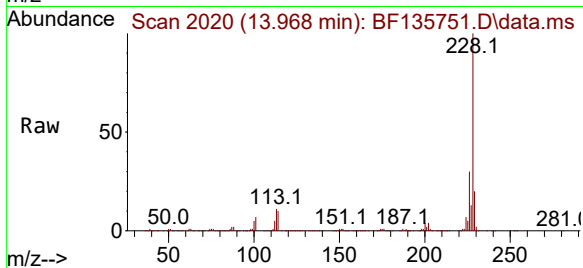
Tgt Ion:228 Resp: 780527

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.619 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

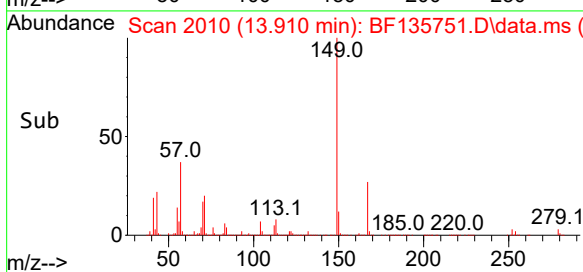
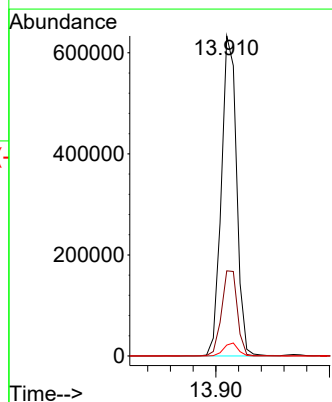
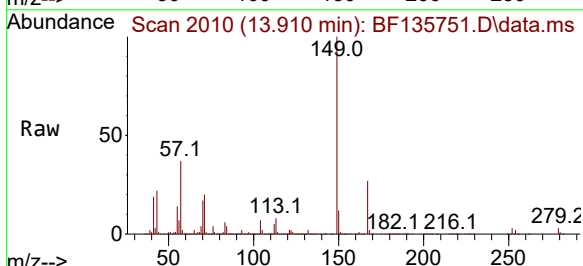
Tgt Ion:149 Resp: 591203

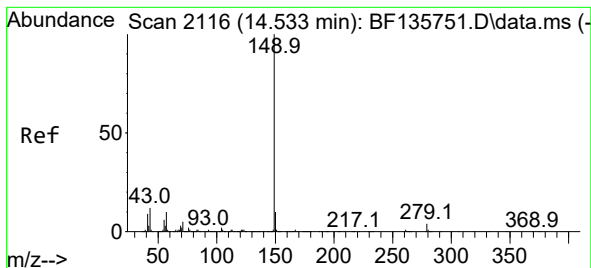
Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 3.4 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 41.133 ng

RT: 14.533 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

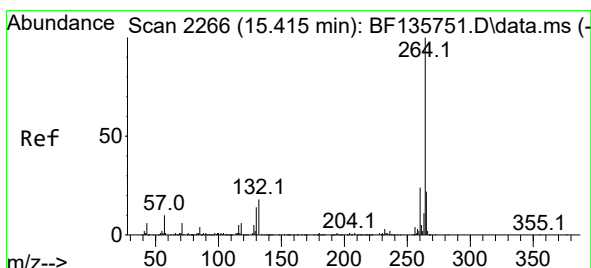
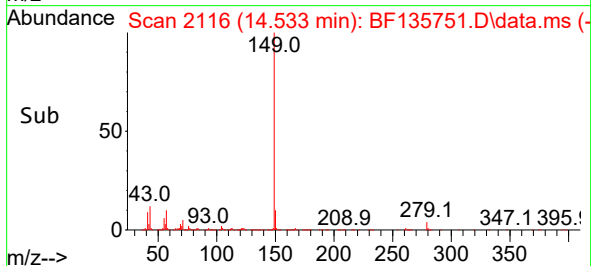
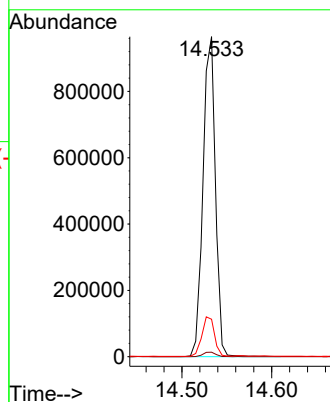
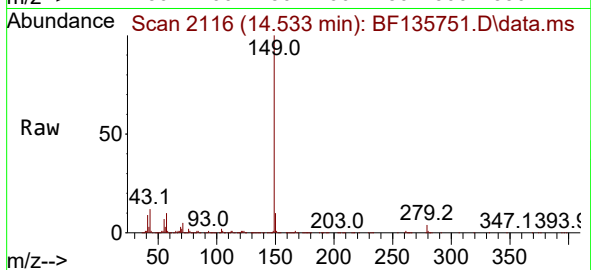
Tgt Ion:149 Resp: 926520

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.6 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

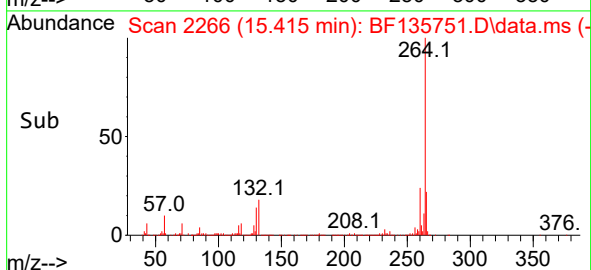
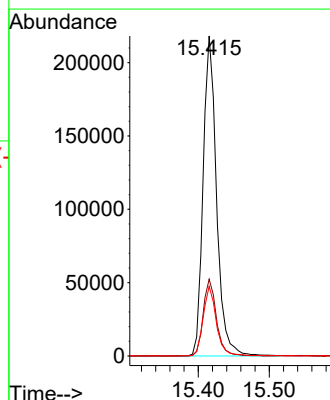
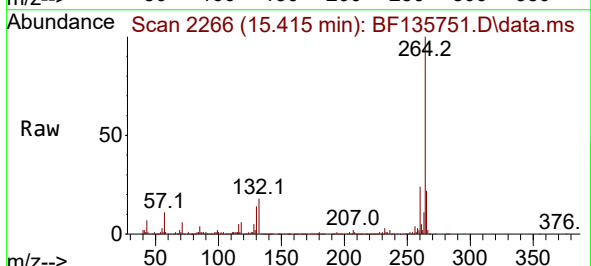
Tgt Ion:264 Resp: 287691

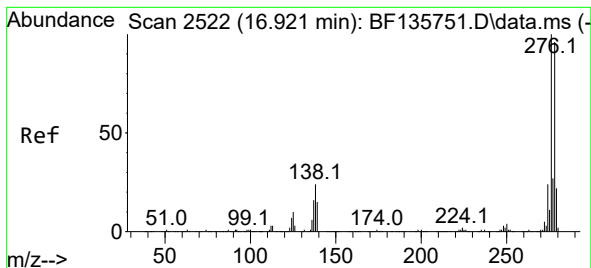
Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.248 ng

RT: 16.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

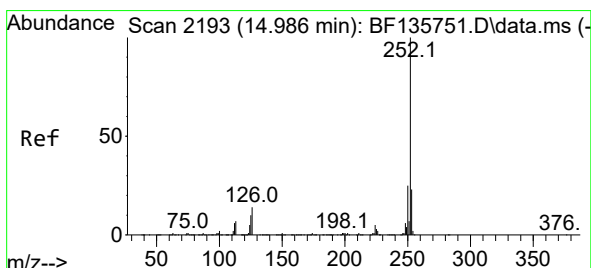
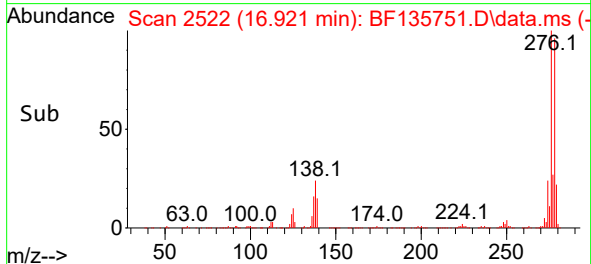
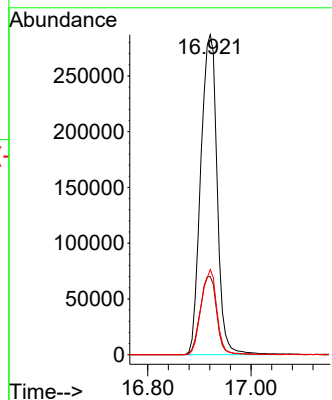
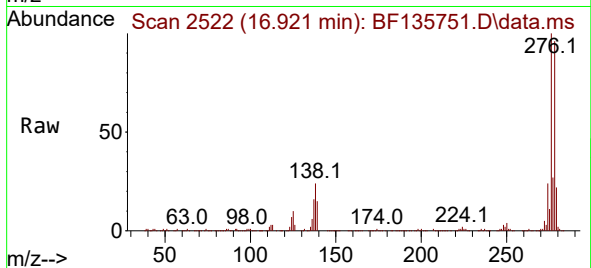
Tgt Ion:276 Resp: 630911

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.6

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 42.750 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135751.D

Acq: 13 Oct 2023 13:54

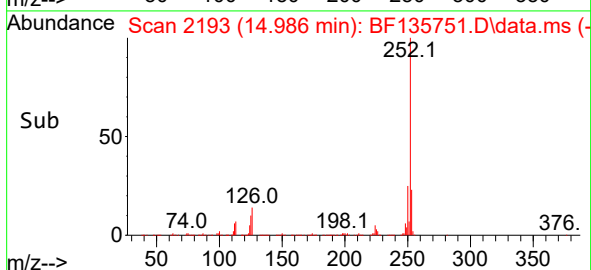
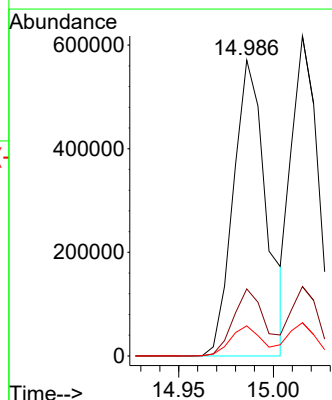
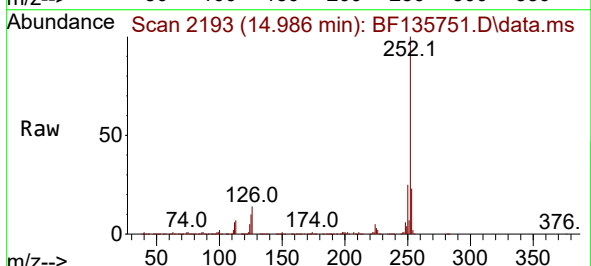
Tgt Ion:252 Resp: 688315

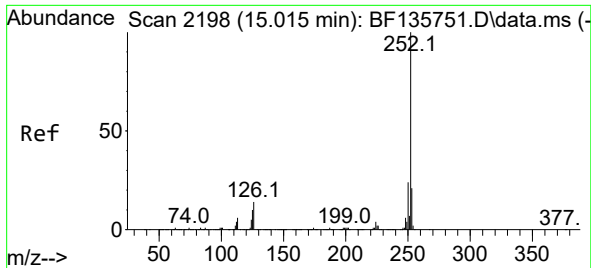
Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 10.2 8.2 12.2

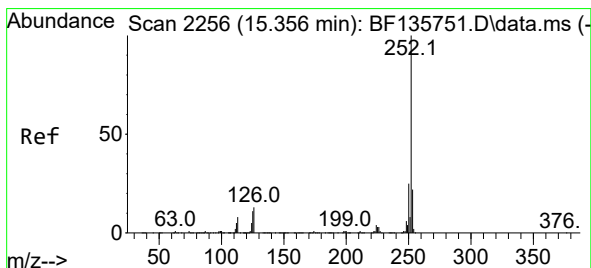
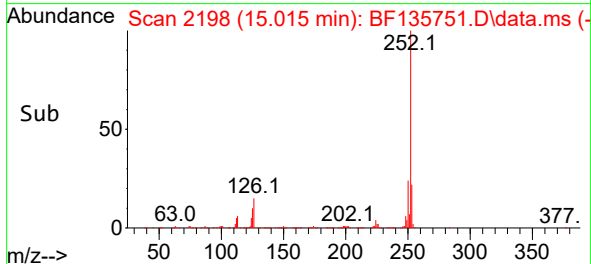
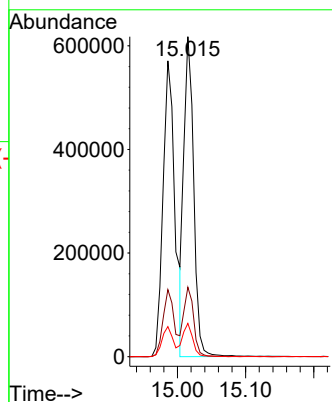
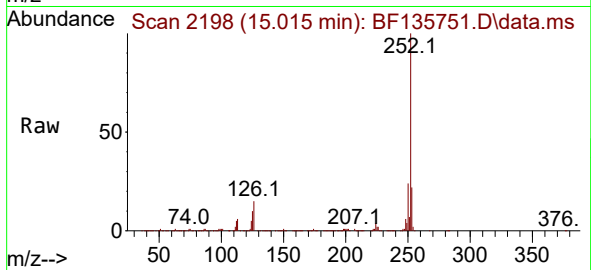




#89
Benzo(k)fluoranthene
Concen: 39.436 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

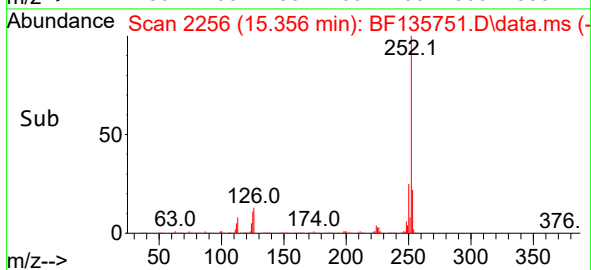
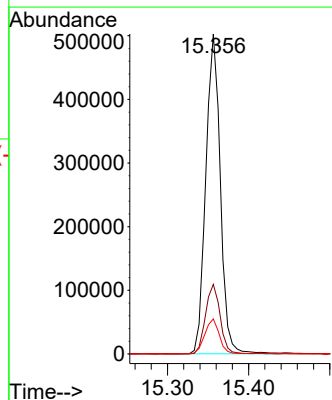
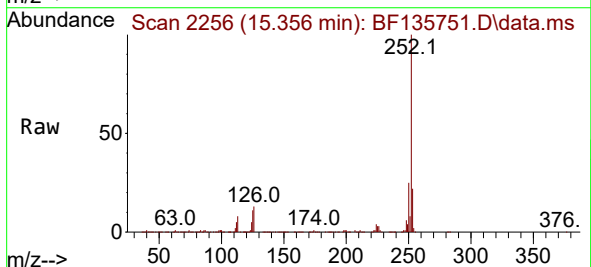
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

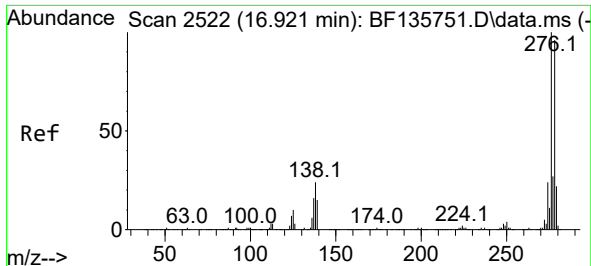
Tgt Ion:252 Resp: 616452
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 41.142 ng
RT: 15.356 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF135751.D
Acq: 13 Oct 2023 13:54

Tgt Ion:252 Resp: 622902
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.0 8.8 13.2

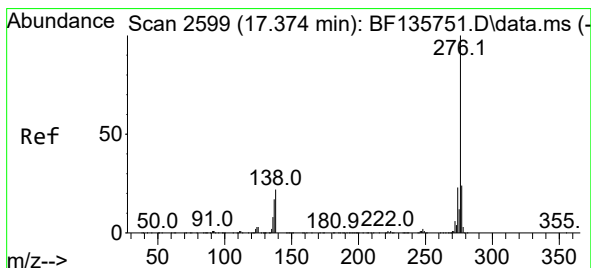
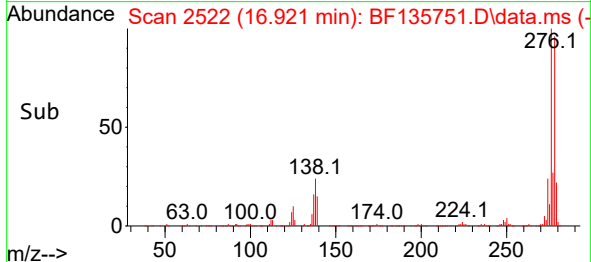
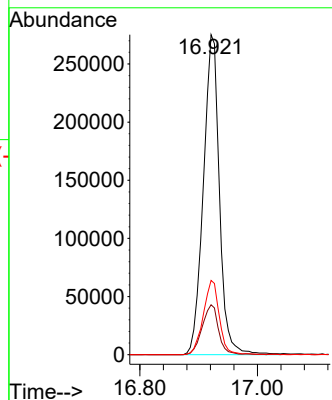
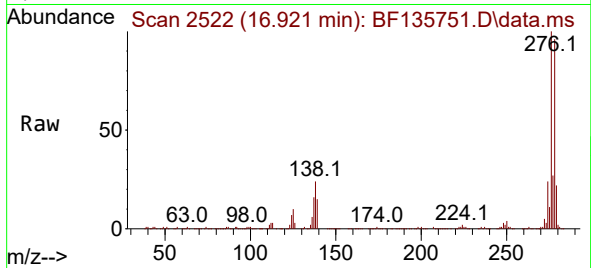




#91
 Dibenzo(a,h)anthracene
 Concen: 40.659 ng
 RT: 16.921 min Scan# 2522
 Delta R.T. 0.000 min
 Lab File: BF135751.D
 Acq: 13 Oct 2023 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:278 Resp: 522485
 Ion Ratio Lower Upper
 278 100
 139 15.6 12.5 18.7
 279 23.2 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 41.433 ng
 RT: 17.374 min Scan# 2599
 Delta R.T. 0.000 min
 Lab File: BF135751.D
 Acq: 13 Oct 2023 13:54

Tgt Ion:276 Resp: 546916
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.4 29.2
 138 21.6 17.3 25.9

