

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136417.D
 Acq On : 05 Dec 2023 20:53
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 06 02:21:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 18:10:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122531	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	507661	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	269554	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	495127	20.000	ng	0.00
76) Chrysene-d12	13.980	240	288059	20.000	ng	0.00
86) Perylene-d12	15.451	264	246802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	692025	83.408	ng	0.00
7) Phenol-d6	6.445	99	860857	83.161	ng	0.00
23) Nitrobenzene-d5	7.369	82	779093	82.965	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	274865	82.700	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1595284	80.754	ng	0.00
79) Terphenyl-d14	12.922	244	1847667	84.542	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	136437	41.575	ng	99
3) Pyridine	3.340	79	344185	43.309	ng	99
4) n-Nitrosodimethylamine	3.304	42	144587	41.876	ng	100
6) Aniline	6.469	93	442106	42.260	ng	98
8) 2-Chlorophenol	6.593	128	379428	41.890	ng	99
9) Benzaldehyde	6.357	77	235614	46.836	ng	97
10) Phenol	6.457	94	457301	41.516	ng	100
11) bis(2-Chloroethyl)ether	6.545	93	338096	41.178	ng	100
12) 1,3-Dichlorobenzene	6.745	146	427672	41.985	ng	99
13) 1,4-Dichlorobenzene	6.822	146	427960	41.416	ng	100
14) 1,2-Dichlorobenzene	6.975	146	405521	41.734	ng	98
15) Benzyl Alcohol	6.945	79	288207	41.578	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	437224	41.404	ng	99
17) 2-Methylphenol	7.057	107	305863	41.797	ng	97
18) Hexachloroethane	7.310	117	151739	42.060	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	250725	41.988	ng	99
20) 3+4-Methylphenols	7.210	107	377191	41.527	ng	97
22) Acetophenone	7.216	105	512719	40.900	ng	99
24) Nitrobenzene	7.387	77	391928	41.488	ng	99
25) Isophorone	7.622	82	705639	41.825	ng	99
26) 2-Nitrophenol	7.698	139	200796	43.236	ng	98
27) 2,4-Dimethylphenol	7.739	122	240786	42.047	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	425803	41.073	ng	100
29) 2,4-Dichlorophenol	7.939	162	316823	41.915	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	369471	41.919	ng	98
31) Naphthalene	8.104	128	1147036	40.972	ng	100
32) Benzoic acid	7.869	122	254231	44.645	ng	98
33) 4-Chloroaniline	8.151	127	419376	42.019	ng	98
34) Hexachlorobutadiene	8.216	225	216315	41.411	ng	98
35) Caprolactam	8.534	113	98598	42.358	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	335560	41.811	ng	99
37) 2-Methylnaphthalene	8.792	142	741839	41.652	ng	98
38) 1-Methylnaphthalene	8.892	142	720737	41.239	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	349779	41.709	ng	100
41) Hexachlorocyclopentadiene	8.945	237	135580	43.639	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	227389	41.643	ng	100

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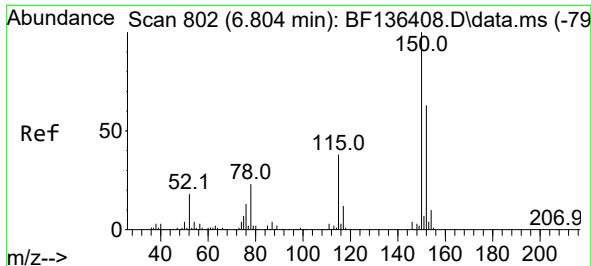
Quant Time: Dec 06 02:21:46 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	256362	42.065	ng	# 93
46) 1,1'-Biphenyl	9.263	154	932808	40.670	ng	100
47) 2-Chloronaphthalene	9.286	162	723762	40.543	ng	99
48) 2-Nitroaniline	9.381	65	202779	42.352	ng	97
49) Acenaphthylene	9.698	152	1042344	40.988	ng	99
50) Dimethylphthalate	9.569	163	809915	40.811	ng	100
51) 2,6-Dinitrotoluene	9.628	165	183008	40.990	ng	98
52) Acenaphthene	9.875	154	663585	40.729	ng	98
53) 3-Nitroaniline	9.798	138	189000	41.455	ng	100
54) 2,4-Dinitrophenol	9.904	184	100081	44.336	ng	98
55) Dibenzofuran	10.045	168	966638	40.604	ng	99
56) 4-Nitrophenol	9.957	139	147347	43.112	ng	96
57) 2,4-Dinitrotoluene	10.033	165	239019	40.469	ng	96
58) Fluorene	10.386	166	768990	40.240	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	204726	41.937	ng	99
60) Diethylphthalate	10.263	149	799016	40.944	ng	98
61) 4-Chlorophenyl-phenyle...	10.380	204	374222	40.170	ng	99
62) 4-Nitroaniline	10.416	138	190008	41.972	ng	96
63) Azobenzene	10.545	77	726889	40.923	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	141174	46.039	ng	95
66) n-Nitrosodiphenylamine	10.504	169	661664	41.647	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	243522	42.303	ng	99
68) Hexachlorobenzene	10.933	284	282496	42.459	ng	99
69) Atrazine	11.033	200	178443	39.352	ng	97
70) Pentachlorophenol	11.133	266	163809	43.624	ng	99
71) Phenanthrene	11.351	178	1122755	41.256	ng	100
72) Anthracene	11.404	178	1142648	41.686	ng	99
73) Carbazole	11.563	167	1013072	41.758	ng	100
74) Di-n-butylphthalate	11.898	149	1269350	42.680	ng	100
75) Fluoranthene	12.545	202	1171811	41.088	ng	99
77) Benzidine	12.669	184	260706	48.500	ng	99
78) Pyrene	12.774	202	1184986	42.004	ng	99
80) Butylbenzylphthalate	13.398	149	444346	44.246	ng	89
81) Benzo(a)anthracene	13.968	228	822550	40.994	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	242165	43.045	ng	98
83) Chrysene	14.004	228	812657	41.165	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	553812	44.983	ng	99
85) Di-n-octyl phthalate	14.580	149	844415	46.434	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	744249	43.407	ng	100
88) Benzo(b)fluoranthene	15.021	252	667921	39.582	ng	99
89) Benzo(k)fluoranthene	15.051	252	656887	41.307	ng	100
90) Benzo(a)pyrene	15.392	252	571474	41.008	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	602918	42.923	ng	99
92) Benzo(g,h,i)perylene	17.421	276	625761	43.403	ng	100

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

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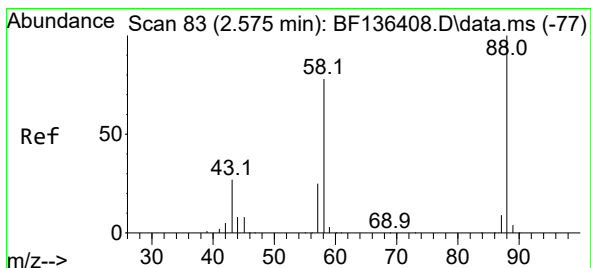
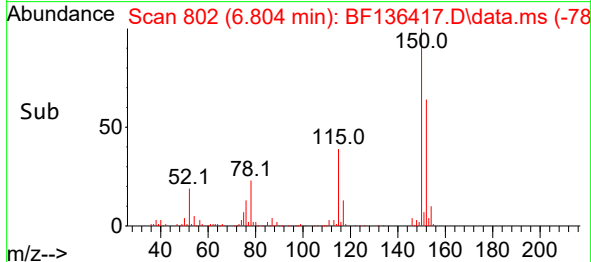
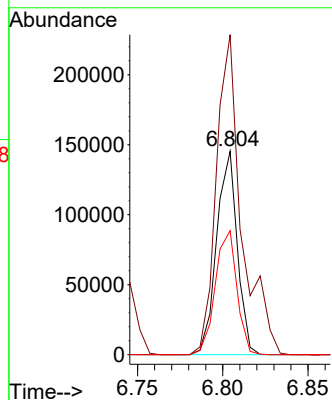
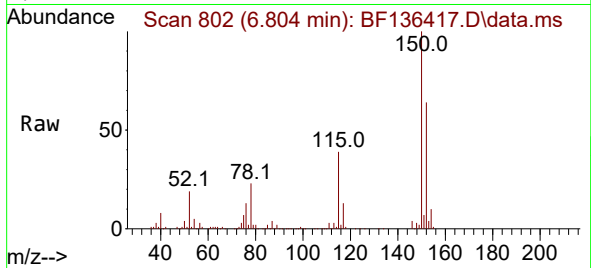




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136417.D
 Acq: 05 Dec 2023 20:53

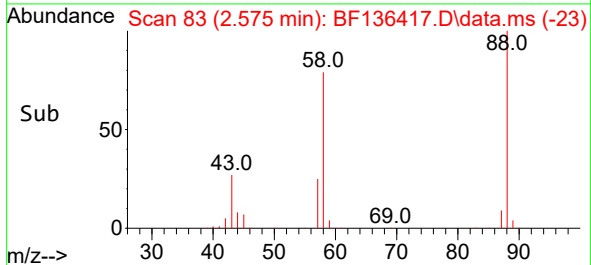
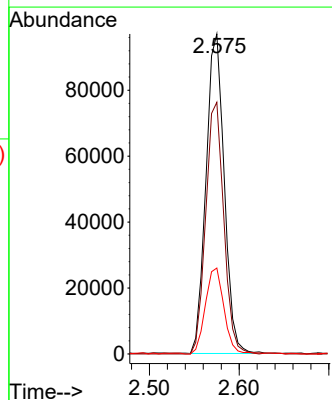
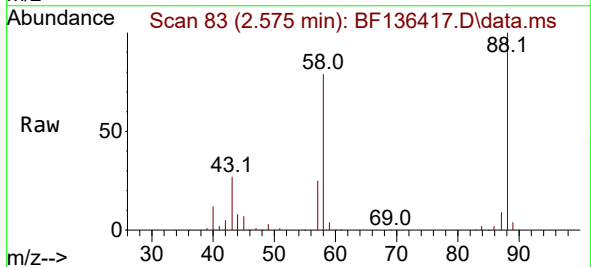
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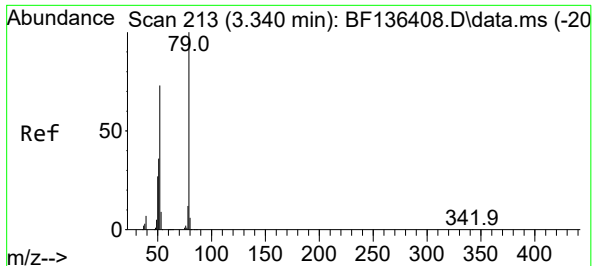
Tgt Ion:152 Resp: 122531
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.4 189.6
 115 61.0 48.2 72.4



#2
 1,4-Dioxane
 Concen: 41.575 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: BF136417.D
 Acq: 05 Dec 2023 20:53

Tgt Ion: 88 Resp: 136437
 Ion Ratio Lower Upper
 88 100
 58 77.9 62.2 93.2
 43 27.6 21.5 32.3

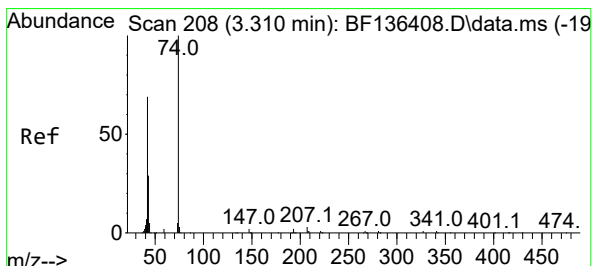
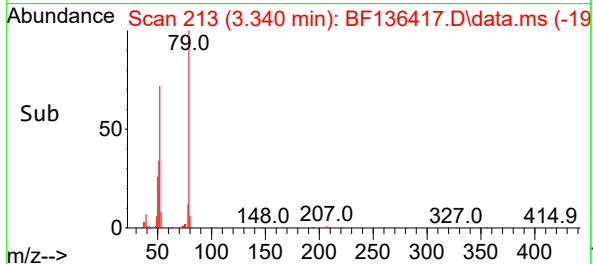
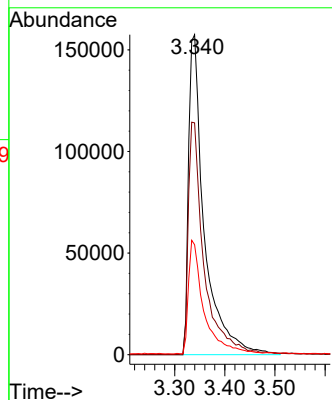
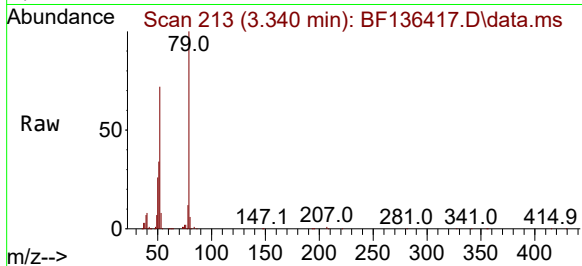




#3
Pyridine
Concen: 43.309 ng
RT: 3.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

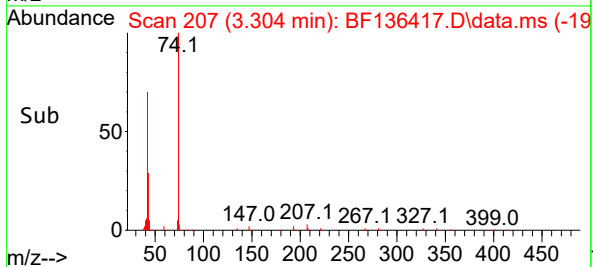
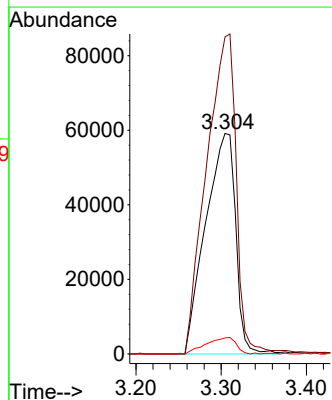
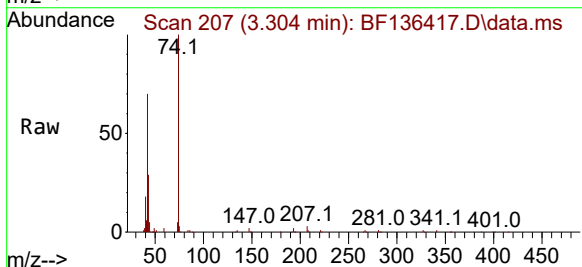
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BNA_F
ClientSampleId :
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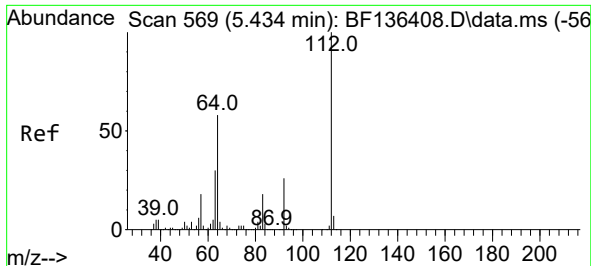
Tgt Ion: 79 Resp: 344185
Ion Ratio Lower Upper
79 100
52 72.4 58.2 87.2
51 34.4 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 41.876 ng
RT: 3.304 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion: 42 Resp: 144587
Ion Ratio Lower Upper
42 100
74 143.8 115.4 173.0
44 7.3 6.2 9.2

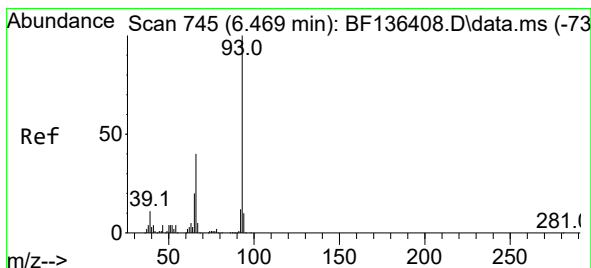
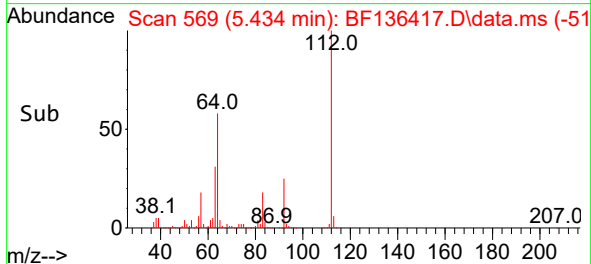
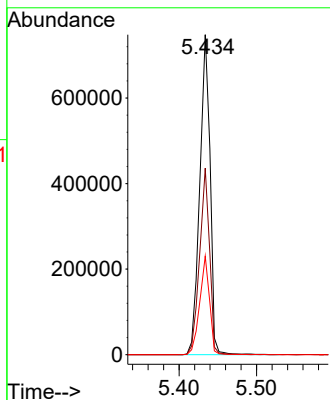
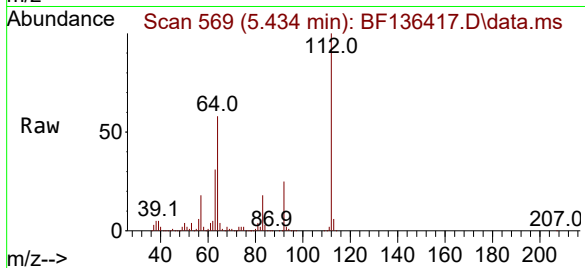




#5
2-Fluorophenol
Concen: 83.408 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

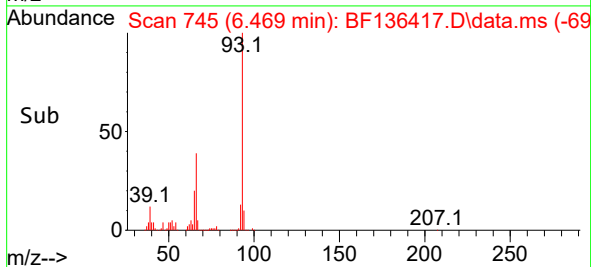
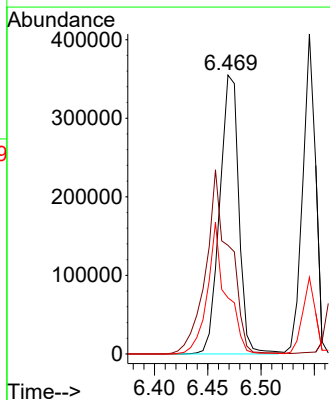
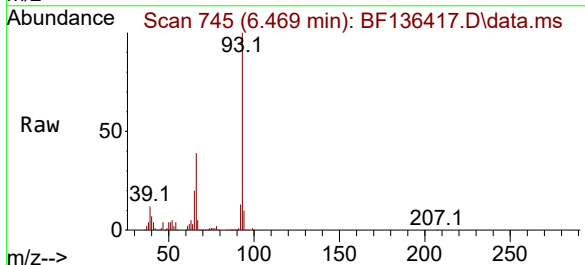
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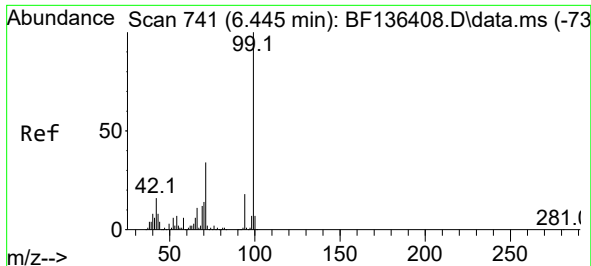
Tgt Ion:112 Resp: 692025
Ion Ratio Lower Upper
112 100
64 58.3 46.5 69.7
63 30.8 23.9 35.9



#6
Aniline
Concen: 42.260 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion: 93 Resp: 442106
Ion Ratio Lower Upper
93 100
66 39.0 32.5 48.7
65 20.2 16.4 24.6

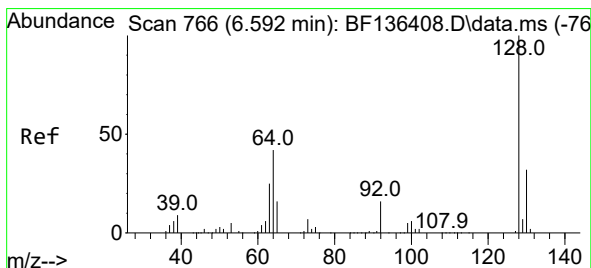
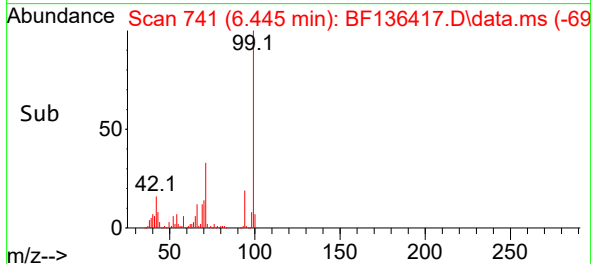
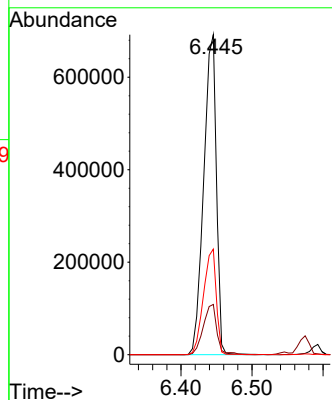
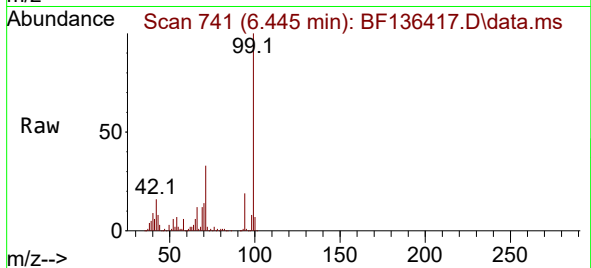




#7
Phenol-d6
Concen: 83.161 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

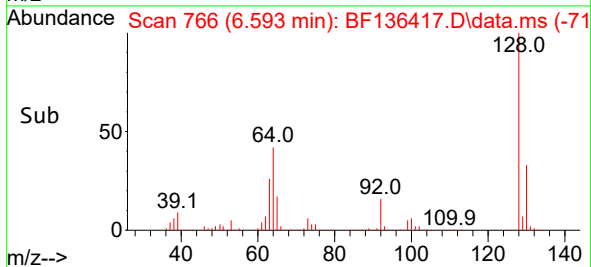
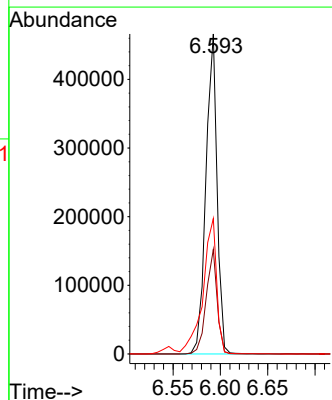
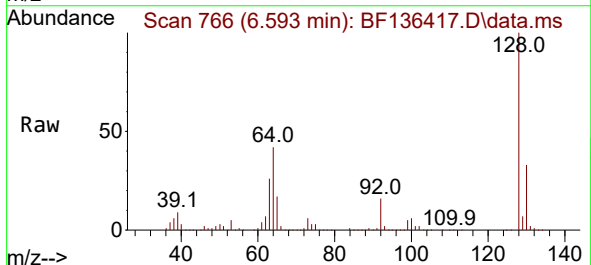
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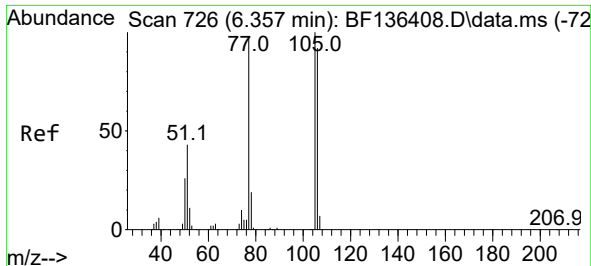
Tgt Ion: 99 Resp: 860857
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 33.0 27.0 40.4



#8
2-Chlorophenol
Concen: 41.890 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion: 128 Resp: 379428
Ion Ratio Lower Upper
128 100
130 32.7 11.7 51.7
64 42.3 22.5 62.5

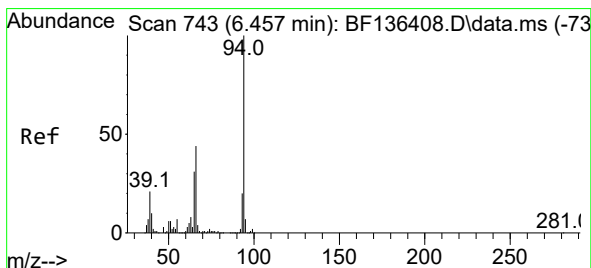
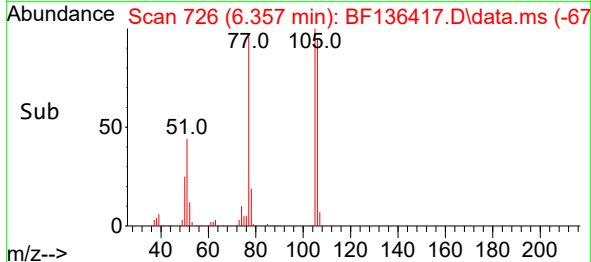
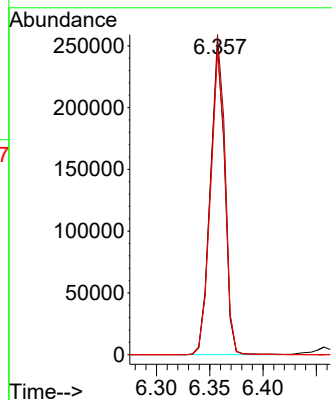
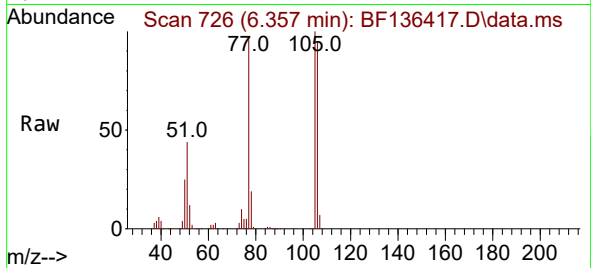




#9
Benzaldehyde
Concen: 46.836 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

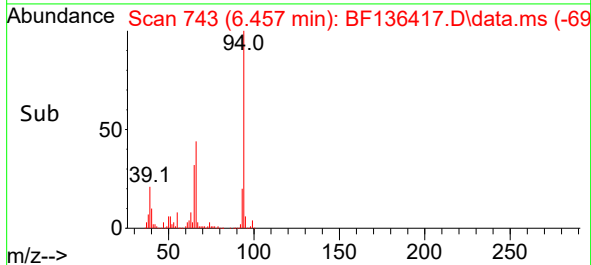
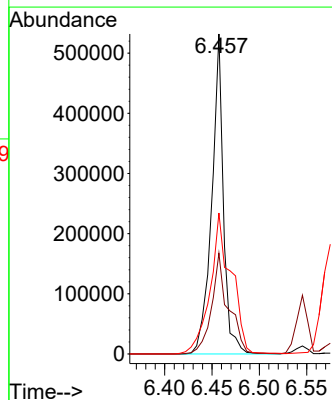
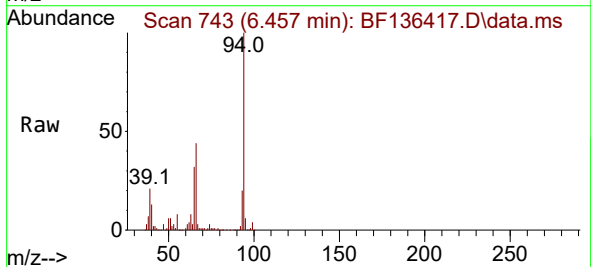
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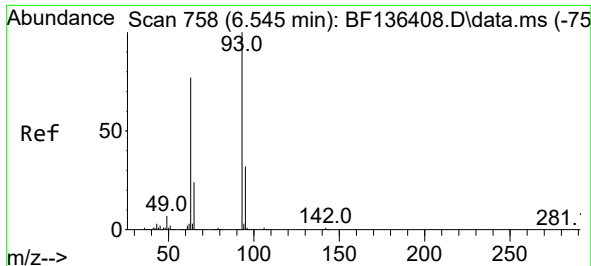
Tgt Ion: 77 Resp: 235614
Ion Ratio Lower Upper
77 100
105 103.8 82.5 122.5
106 98.4 74.5 114.5



#10
Phenol
Concen: 41.516 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion: 94 Resp: 457301
Ion Ratio Lower Upper
94 100
65 31.5 11.2 51.2
66 44.1 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 41.178 ng

RT: 6.545 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

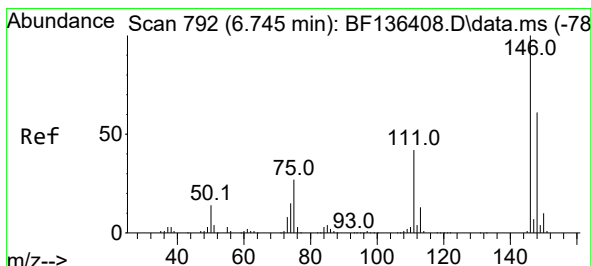
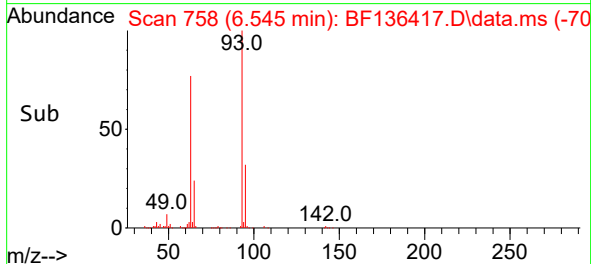
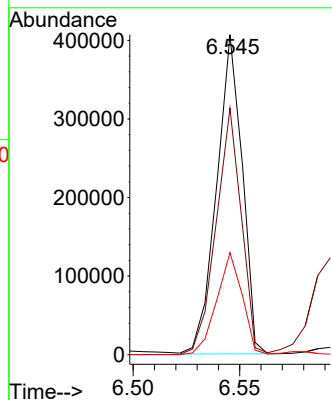
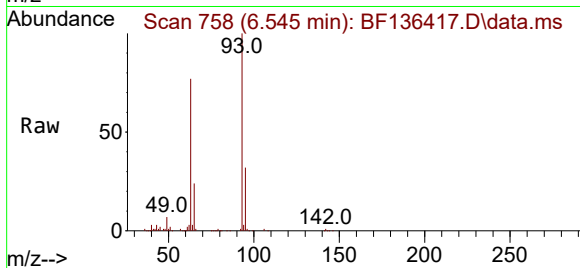
Tgt Ion: 93 Resp: 338096

Ion Ratio Lower Upper

93 100

63 77.1 56.8 96.8

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.985 ng

RT: 6.745 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

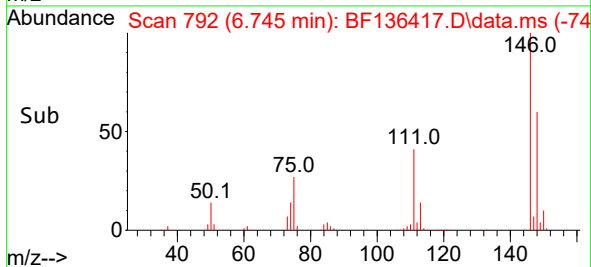
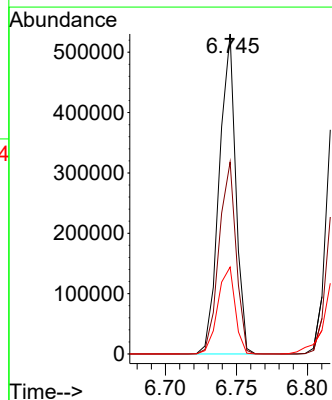
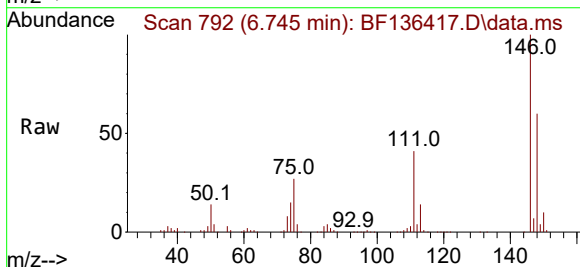
Tgt Ion: 146 Resp: 427672

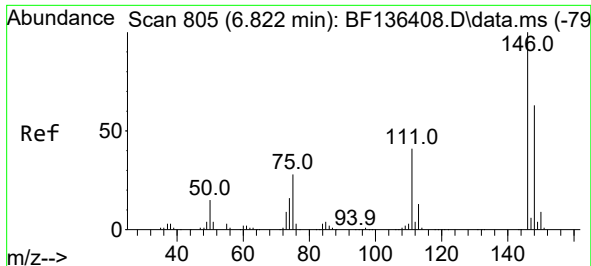
Ion Ratio Lower Upper

146 100

148 60.0 49.0 73.6

75 27.1 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 41.416 ng

RT: 6.822 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

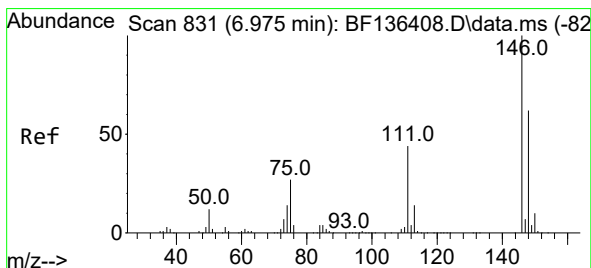
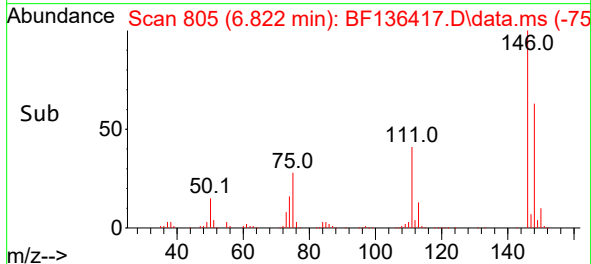
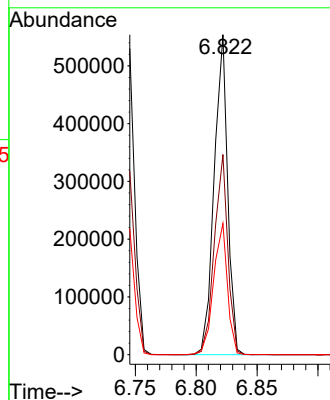
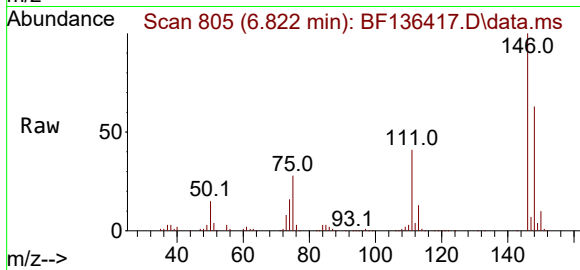
Tgt Ion:146 Resp: 427960

Ion Ratio Lower Upper

146 100

148 62.6 50.3 75.5

111 41.0 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 41.734 ng

RT: 6.975 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

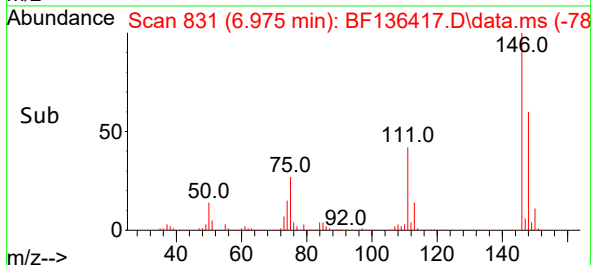
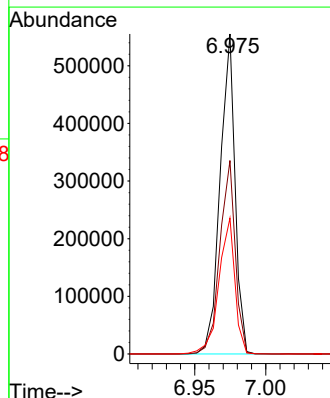
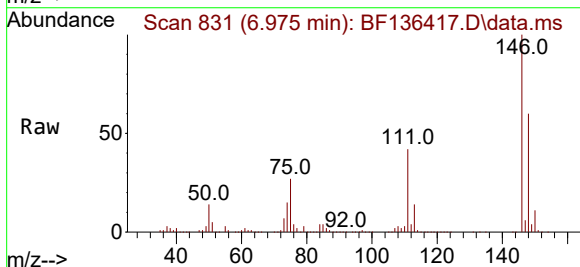
Tgt Ion:146 Resp: 405521

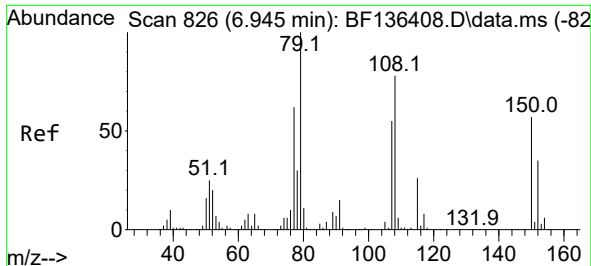
Ion Ratio Lower Upper

146 100

148 60.5 49.8 74.6

111 42.5 34.9 52.3

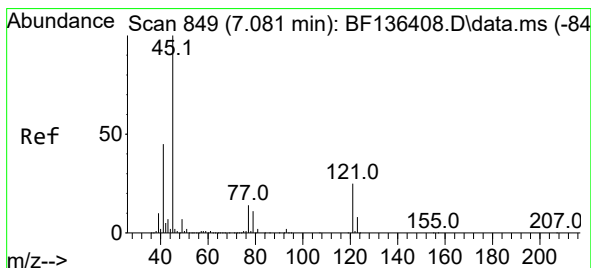
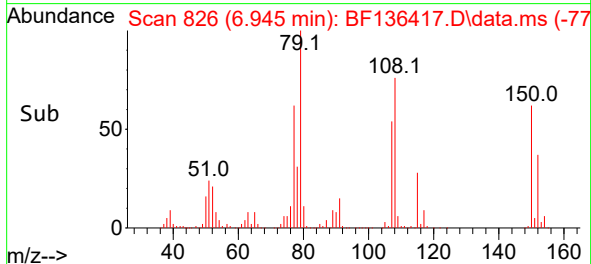
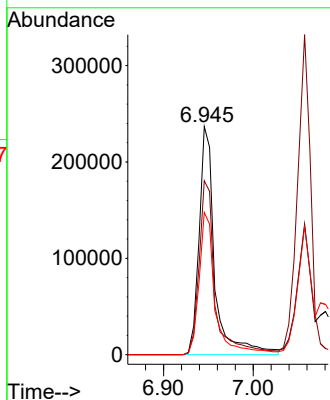
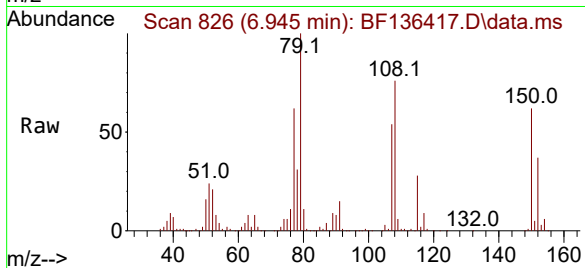




#15
Benzyl Alcohol
Concen: 41.578 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

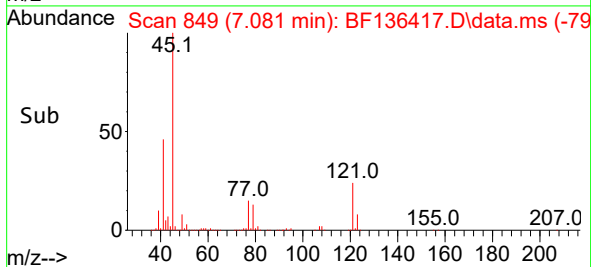
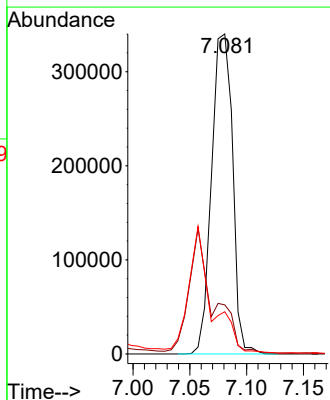
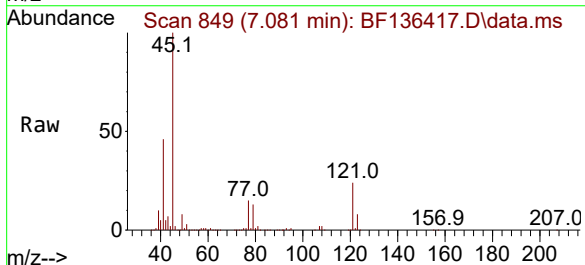
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

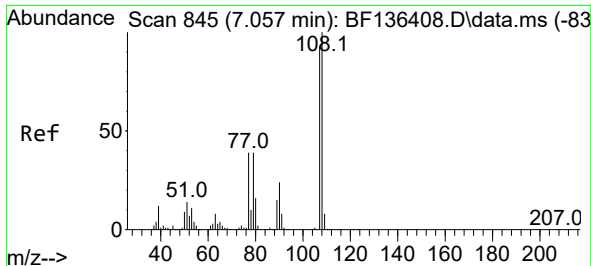
Tgt Ion: 79 Resp: 288207
Ion Ratio Lower Upper
79 100
108 76.2 62.3 93.5
77 62.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.404 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion: 45 Resp: 437224
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.3
79 13.2 0.0 32.5

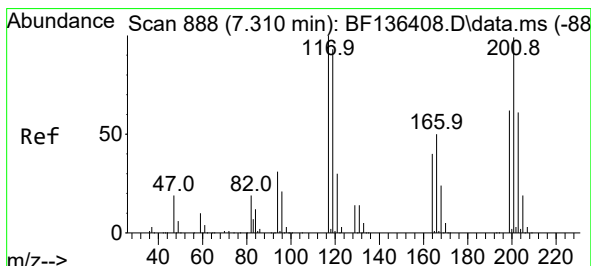
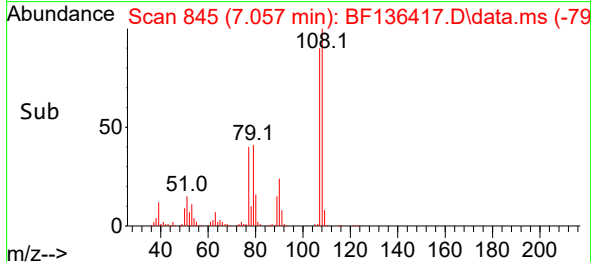
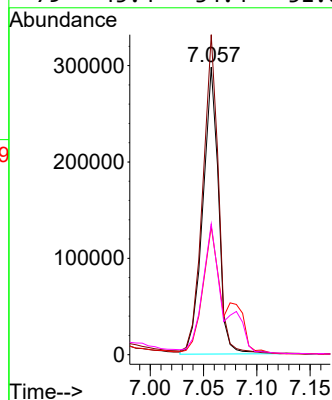
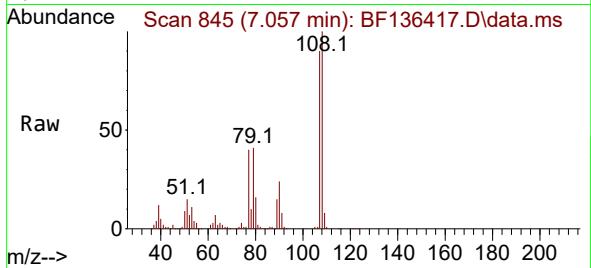




#17
2-Methylphenol
Concen: 41.797 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

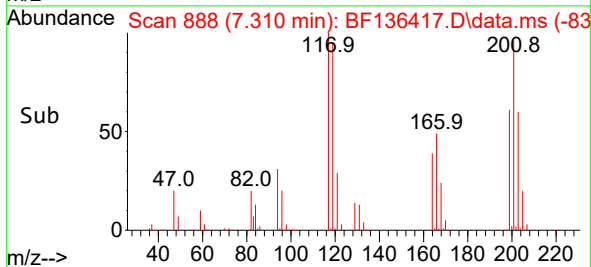
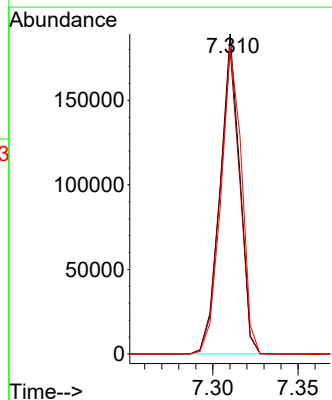
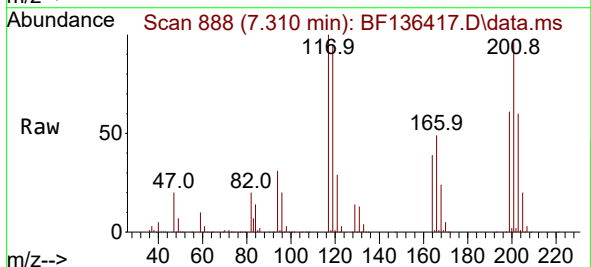
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

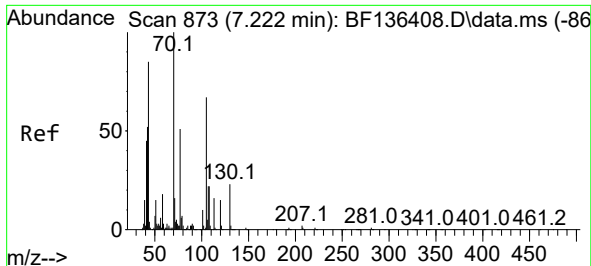
Tgt Ion:	107	Resp:	305863
Ion	Ratio	Lower	Upper
107	100		
108	111.3	86.5	129.7
77	44.6	33.8	50.8
79	45.4	34.4	51.6



#18
Hexachloroethane
Concen: 42.060 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:	117	Resp:	151739
Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.3	111.5
201	96.1	79.3	118.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.988 ng

RT: 7.222 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 250725

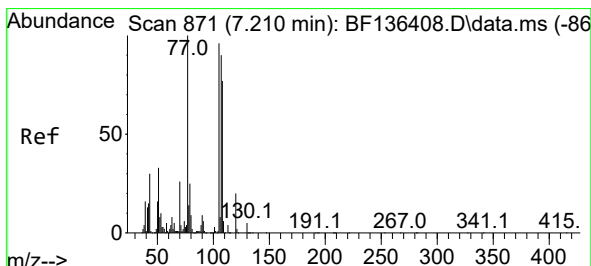
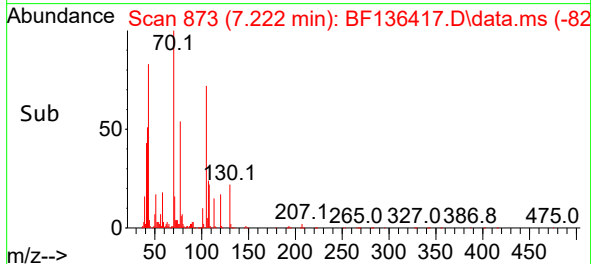
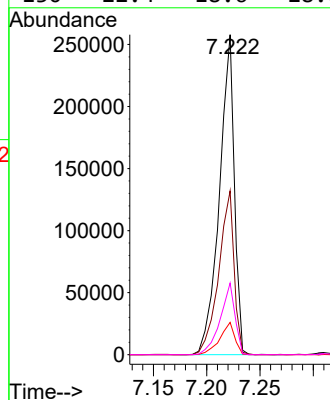
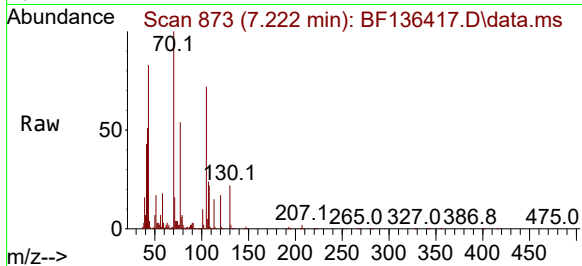
Ion Ratio Lower Upper

70 100

42 51.2 41.4 62.0

101 10.1 8.2 12.4

130 22.4 18.6 28.0



#20

3+4-Methylphenols

Concen: 41.527 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Tgt Ion: 107 Resp: 377191

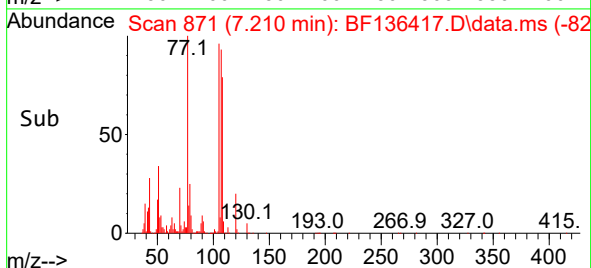
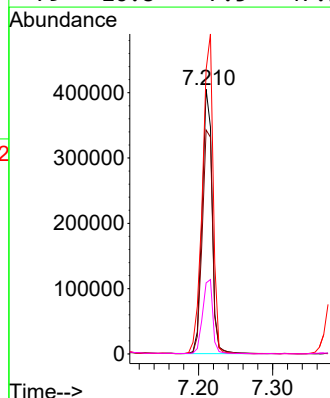
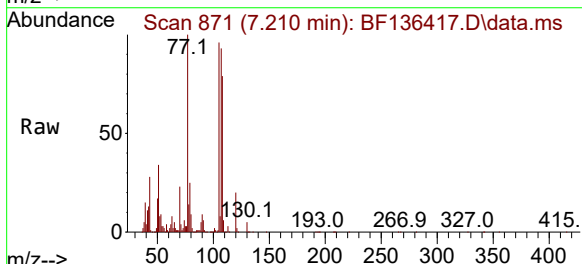
Ion Ratio Lower Upper

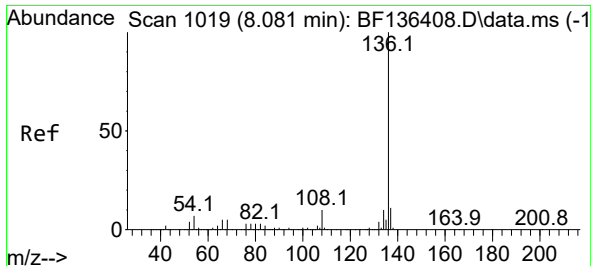
107 100

108 84.7 65.9 105.9

77 107.4 91.7 131.7

79 26.8 7.5 47.5

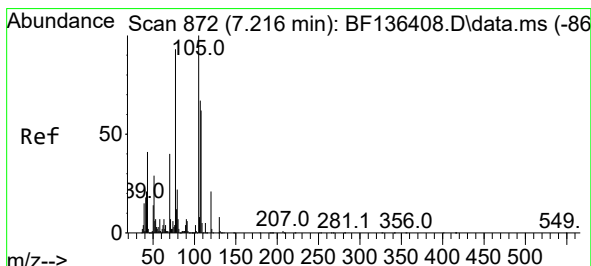
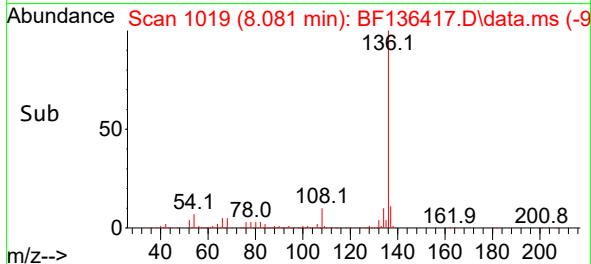
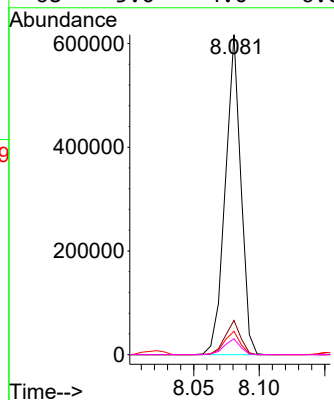
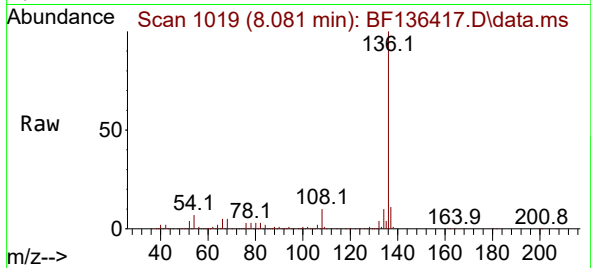




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

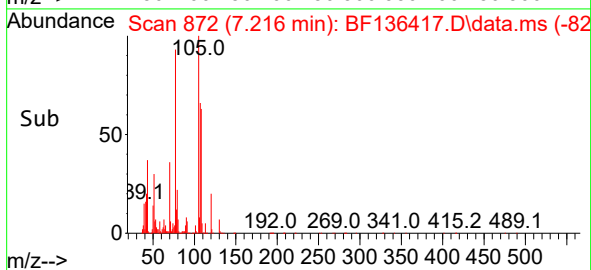
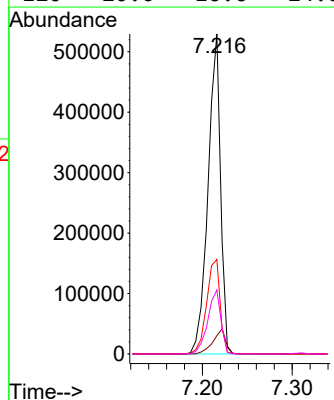
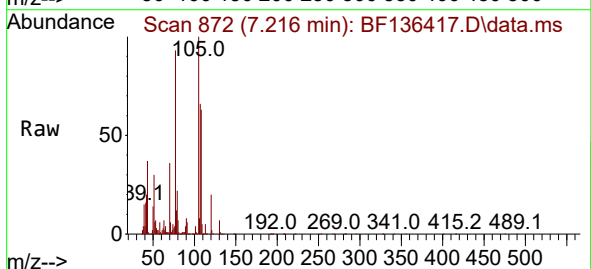
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

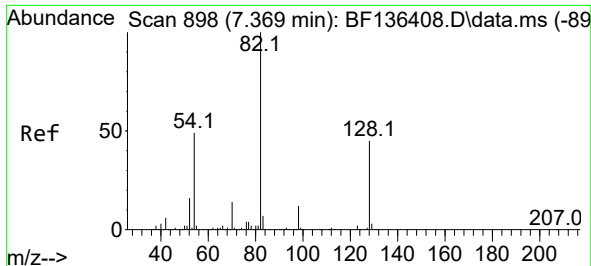
Tgt Ion:136 Resp: 507661
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.3 5.7 8.5
68 5.0 4.0 6.0



#22
Acetophenone
Concen: 40.900 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:105 Resp: 512719
Ion Ratio Lower Upper
105 100
71 5.7 5.4 8.0
51 29.5 23.4 35.2
120 20.0 16.6 24.8





#23

Nitrobenzene-d5

Concen: 82.965 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

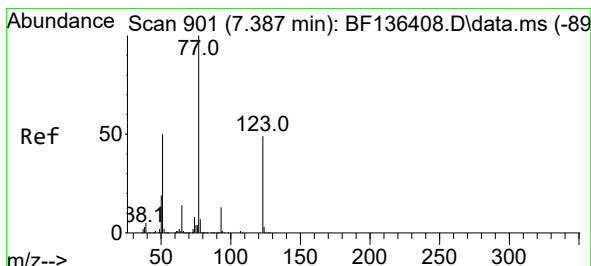
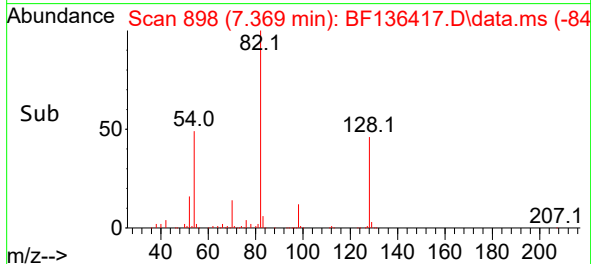
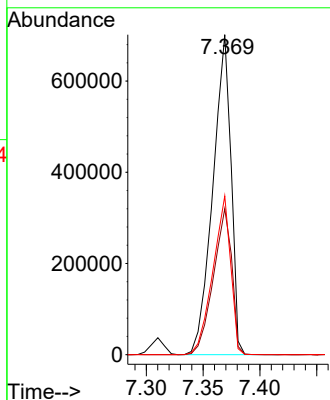
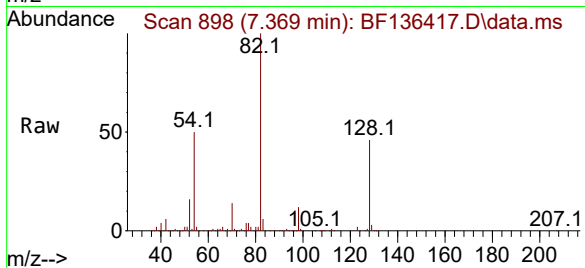
Tgt Ion: 82 Resp: 779093

Ion Ratio Lower Upper

82 100

128 45.6 36.3 54.5

54 49.6 39.0 58.6



#24

Nitrobenzene

Concen: 41.488 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

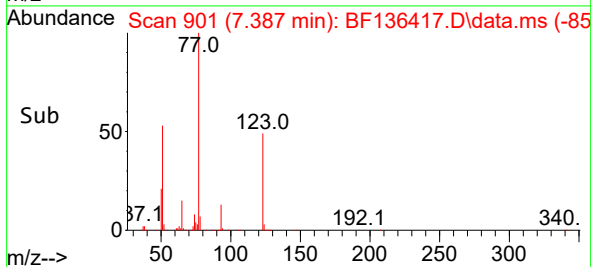
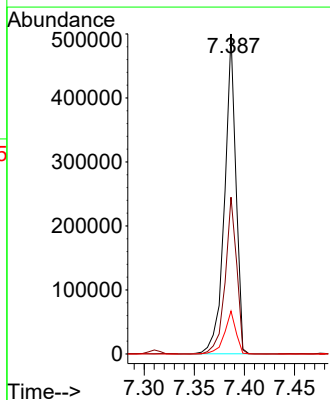
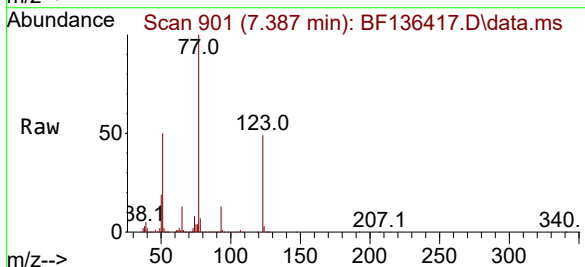
Tgt Ion: 77 Resp: 391928

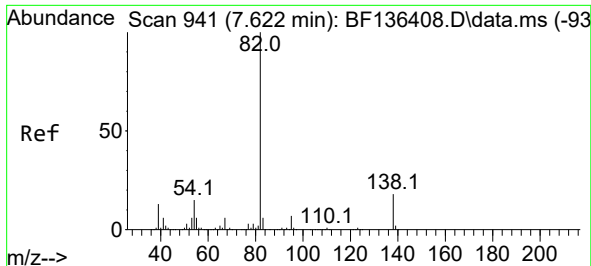
Ion Ratio Lower Upper

77 100

123 49.0 39.0 58.6

65 13.4 11.3 16.9

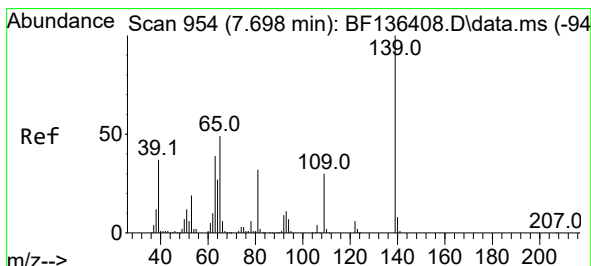
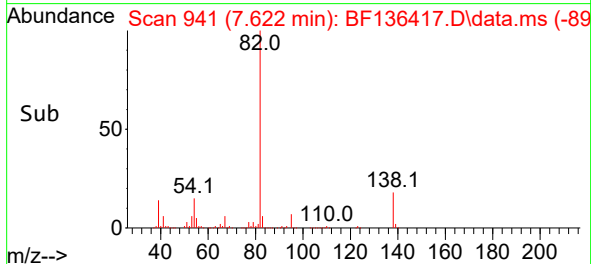
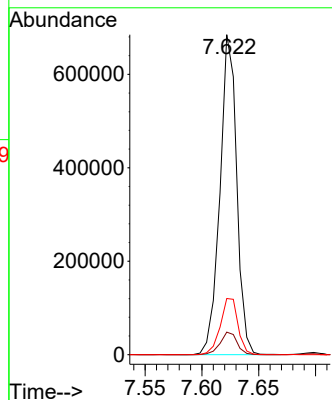
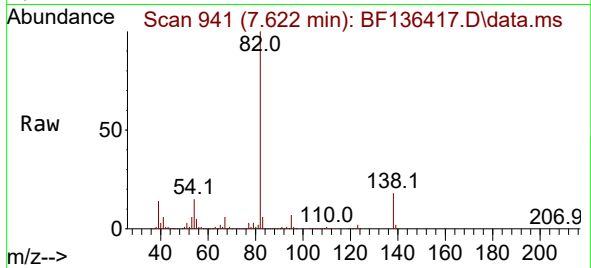




#25
Isophorone
Concen: 41.825 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

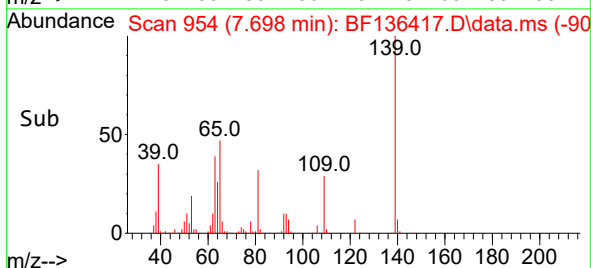
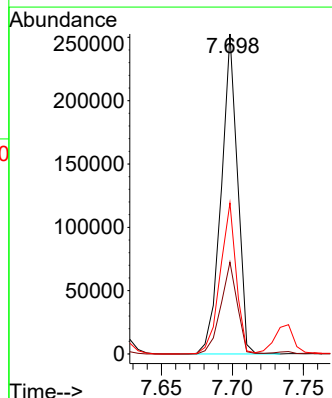
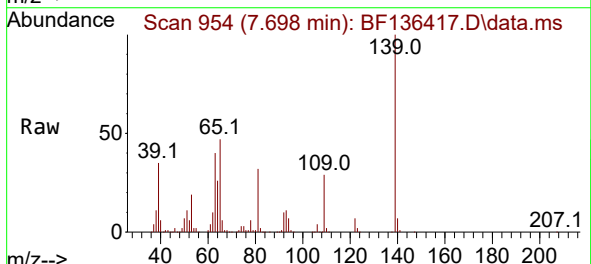
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

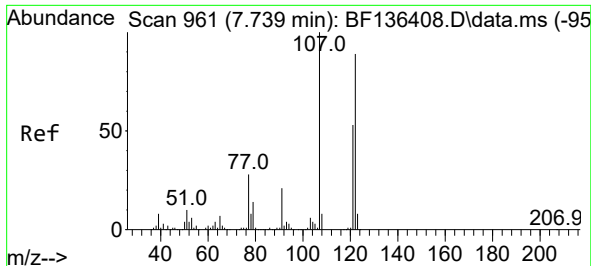
Tgt Ion: 82 Resp: 705639
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 43.236 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion: 139 Resp: 200796
Ion Ratio Lower Upper
139 100
109 28.7 23.6 35.4
65 47.2 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 42.047 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

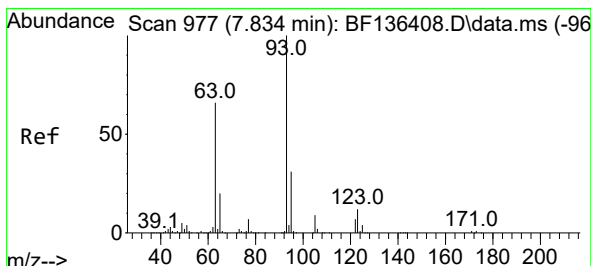
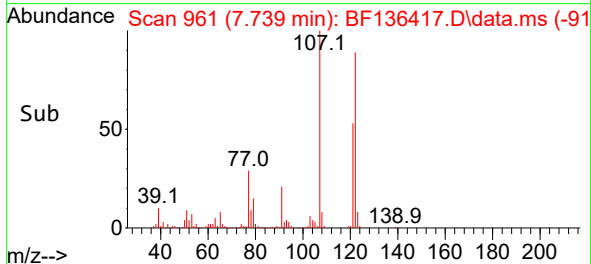
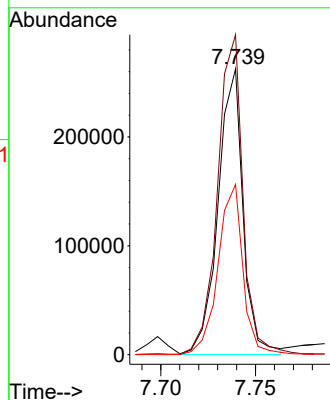
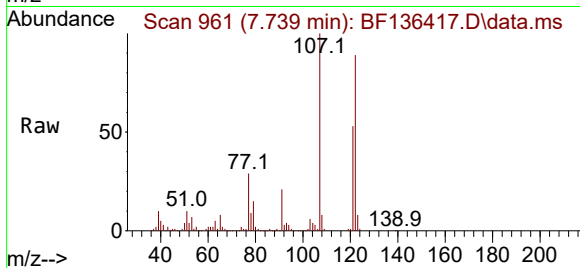
Tgt Ion:122 Resp: 240786

Ion Ratio Lower Upper

122 100

107 112.0 89.3 133.9

121 59.5 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.073 ng

RT: 7.834 min Scan# 977

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

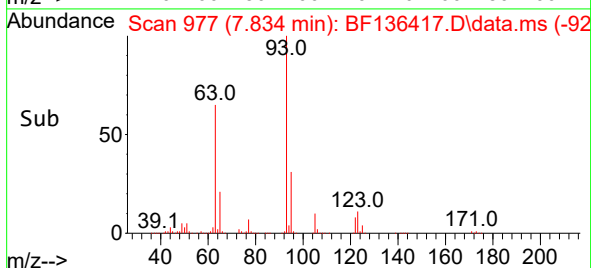
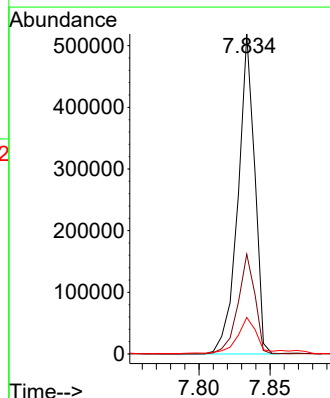
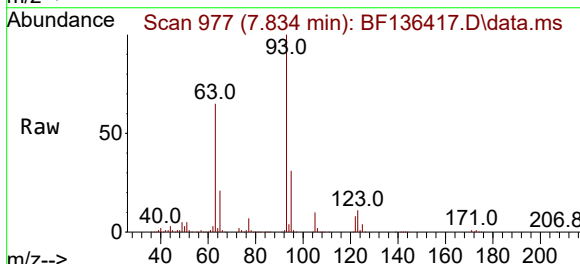
Tgt Ion: 93 Resp: 425803

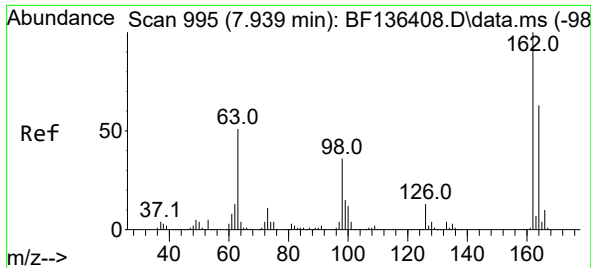
Ion Ratio Lower Upper

93 100

95 31.2 25.0 37.4

123 11.4 9.4 14.0

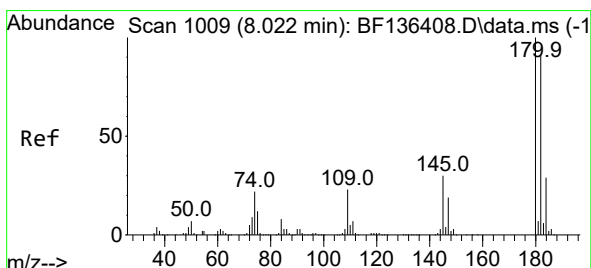
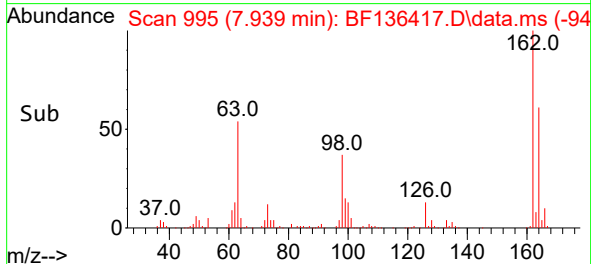
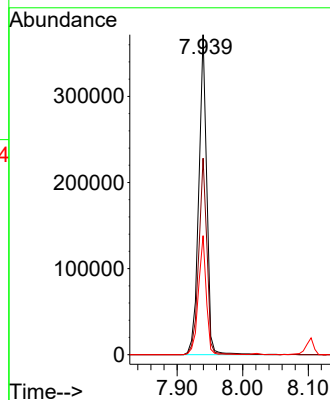
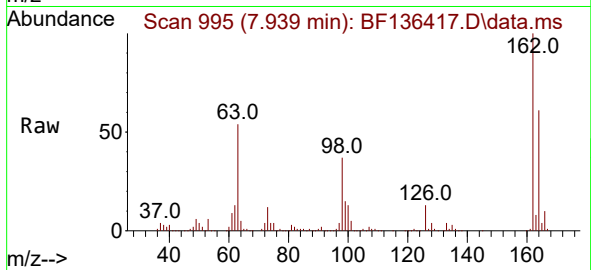




#29
2,4-Dichlorophenol
Concen: 41.915 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

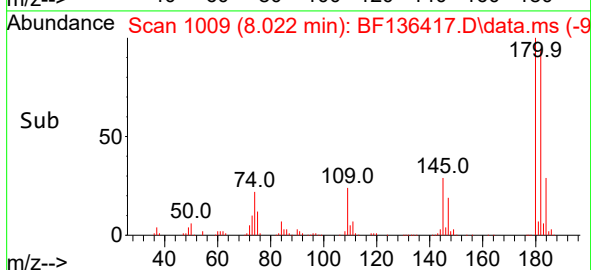
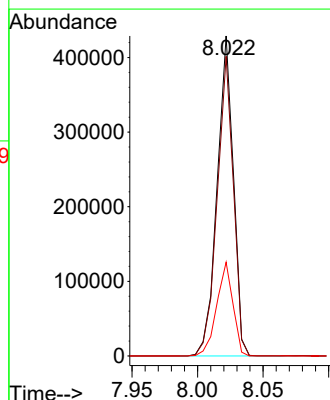
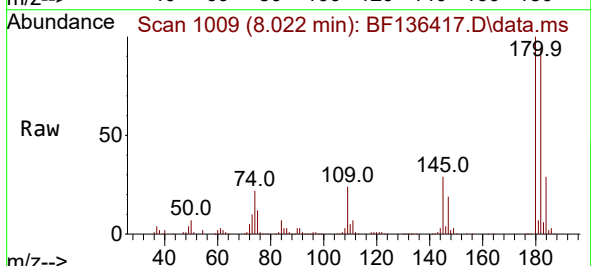
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

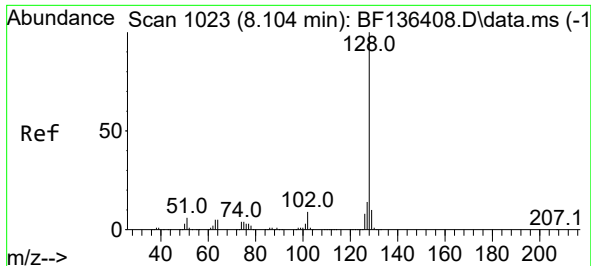
Tgt Ion:162 Resp: 316823
Ion Ratio Lower Upper
162 100
164 61.4 43.0 83.0
98 37.2 16.2 56.2



#30
1,2,4-Trichlorobenzene
Concen: 41.919 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:180 Resp: 369471
Ion Ratio Lower Upper
180 100
182 93.7 73.1 109.7
145 29.3 23.8 35.8

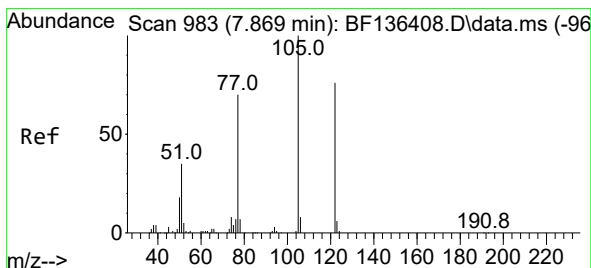
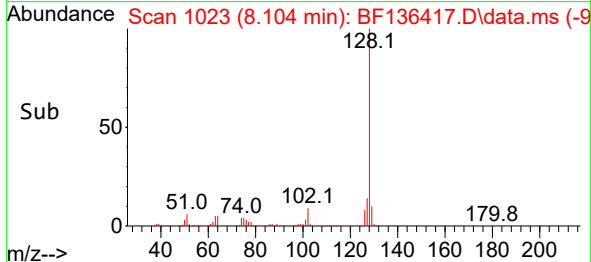
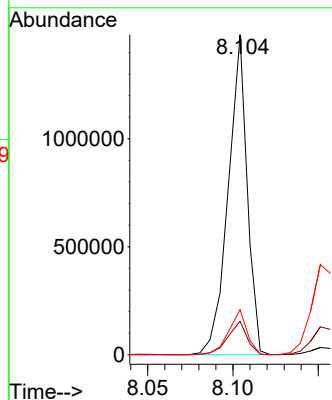
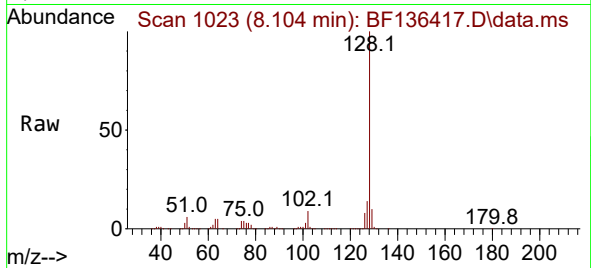




#31
Naphthalene
Concen: 40.972 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

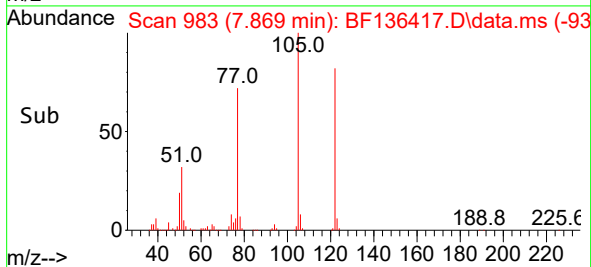
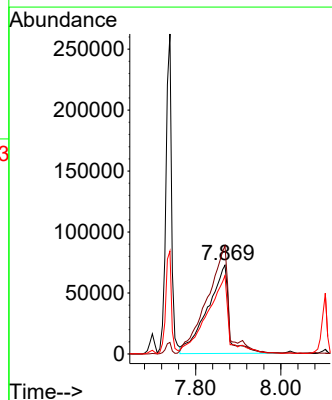
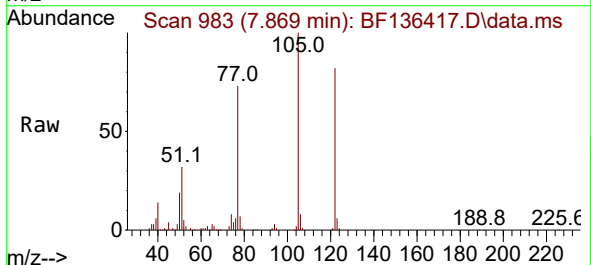
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

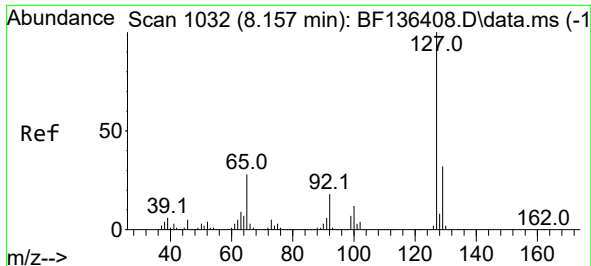
Tgt Ion:128 Resp: 1147036
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 14.1 11.1 16.7



#32
Benzoic acid
Concen: 44.645 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:122 Resp: 254231
Ion Ratio Lower Upper
122 100
105 121.7 104.7 144.7
77 88.3 68.5 108.5

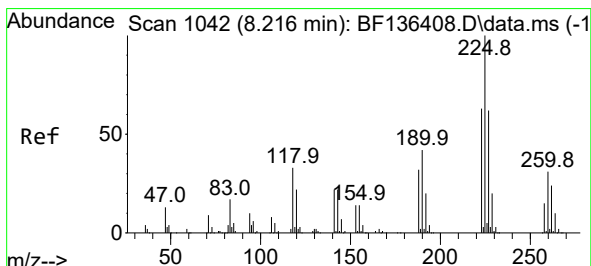
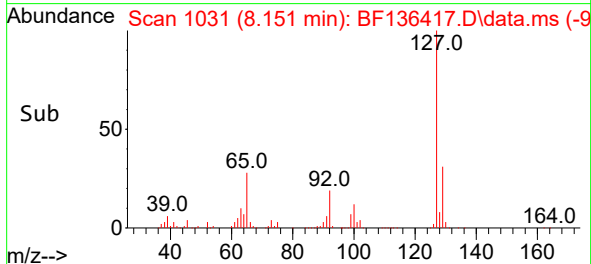
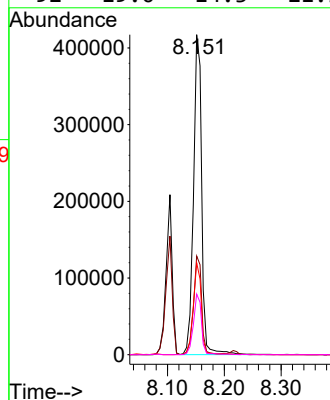
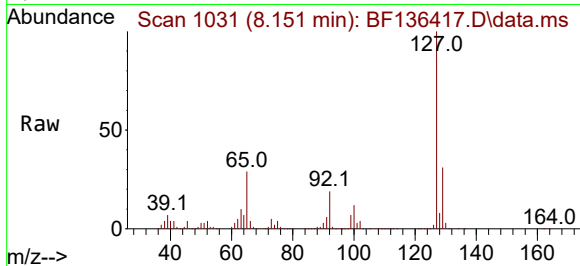




#33
4-Chloroaniline
Concen: 42.019 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

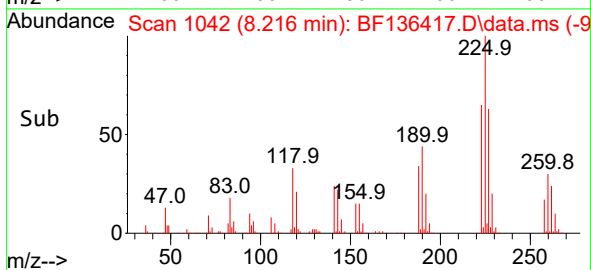
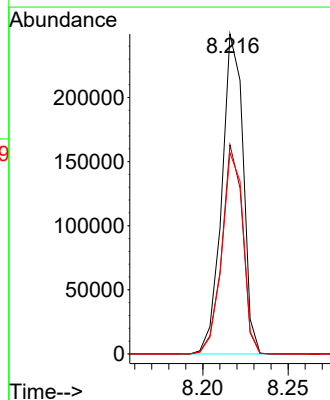
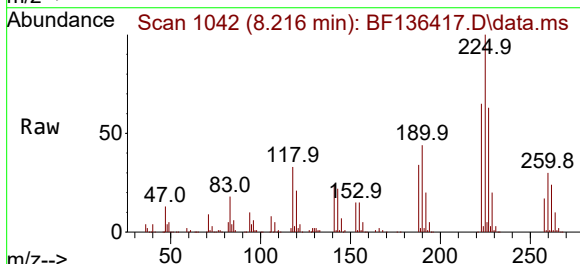
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

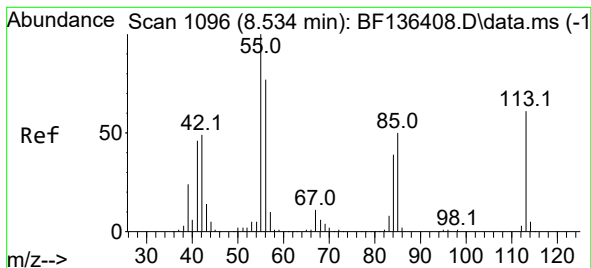
Tgt Ion:127	Resp: 419376
Ion Ratio	Lower Upper
127 100	
129 30.9	25.4 38.2
65 28.7	22.5 33.7
92 19.0	14.3 21.5



#34
Hexachlorobutadiene
Concen: 41.411 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:225	Resp: 216315
Ion Ratio	Lower Upper
225 100	
223 65.4	50.8 76.2
227 62.9	49.8 74.8





#35

Caprolactam

Concen: 42.358 ng

RT: 8.534 min Scan# 1096

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

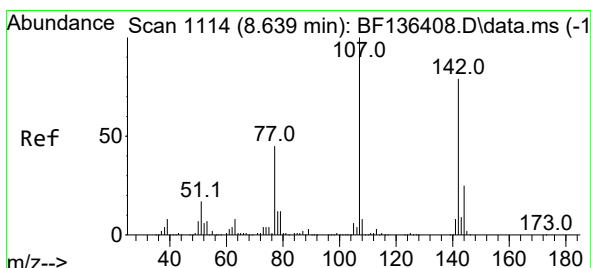
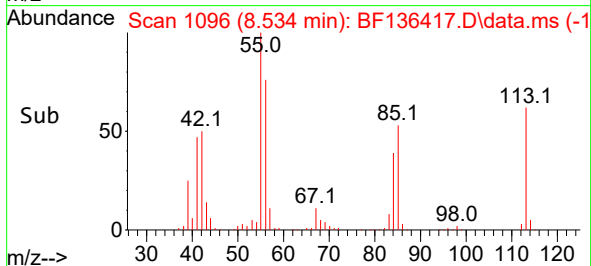
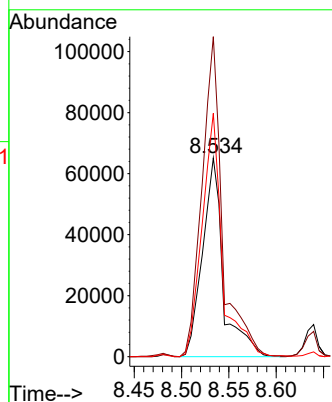
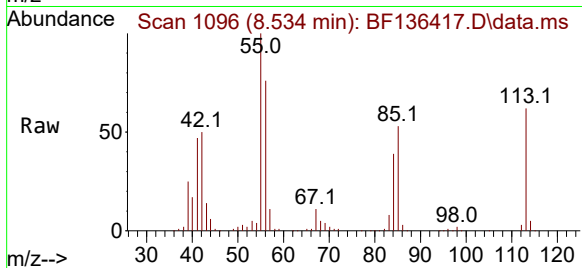
Tgt Ion:113 Resp: 98598

Ion Ratio Lower Upper

113 100

55 161.0 143.7 183.7

56 122.5 105.2 145.2



#36

4-Chloro-3-methylphenol

Concen: 41.811 ng

RT: 8.639 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

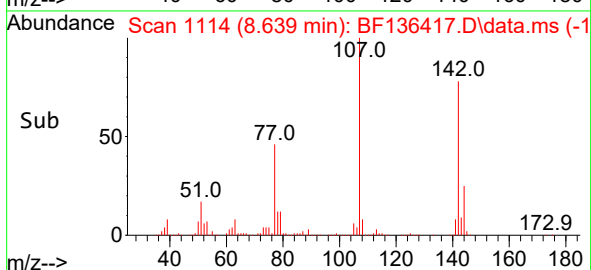
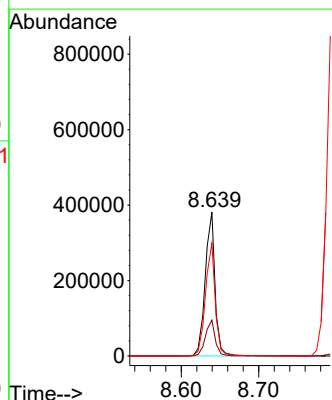
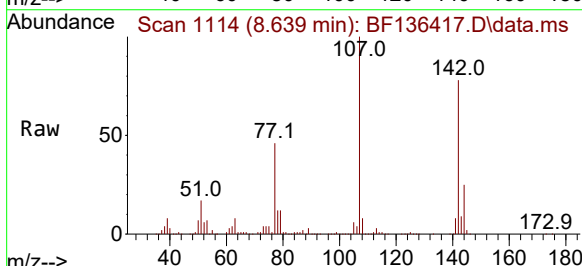
Tgt Ion:107 Resp: 335560

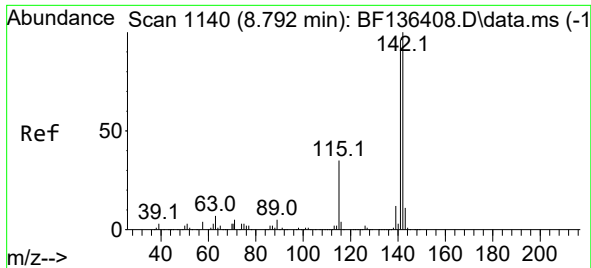
Ion Ratio Lower Upper

107 100

144 24.9 20.1 30.1

142 78.4 63.1 94.7





#37

2-Methylnaphthalene

Concen: 41.652 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

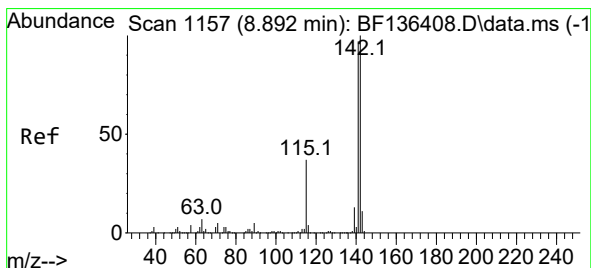
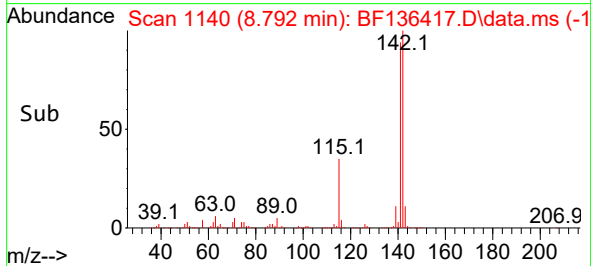
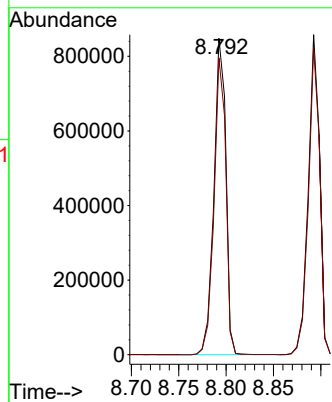
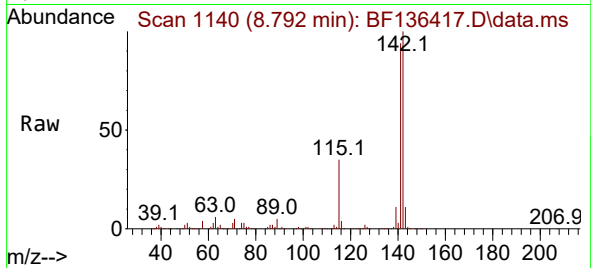
SSTDCCC040EC

Tgt Ion:142 Resp: 741839

Ion Ratio Lower Upper

142 100

141 93.8 76.4 114.6



#38

1-Methylnaphthalene

Concen: 41.239 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF136417.D

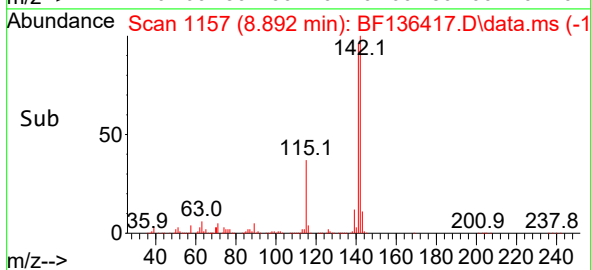
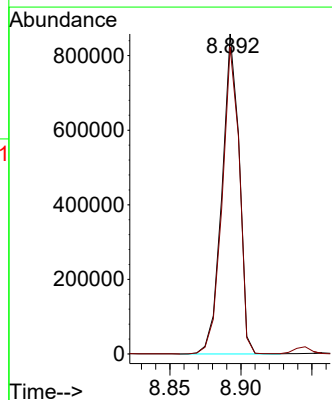
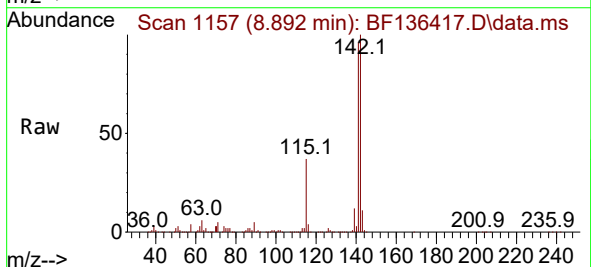
Acq: 05 Dec 2023 20:53

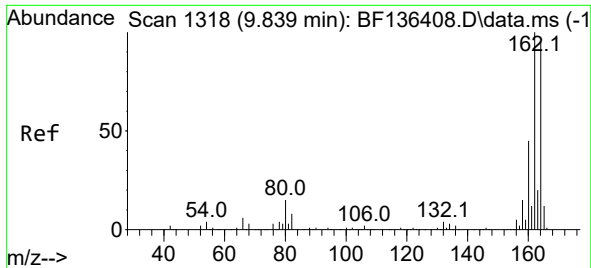
Tgt Ion:142 Resp: 720737

Ion Ratio Lower Upper

142 100

141 96.0 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

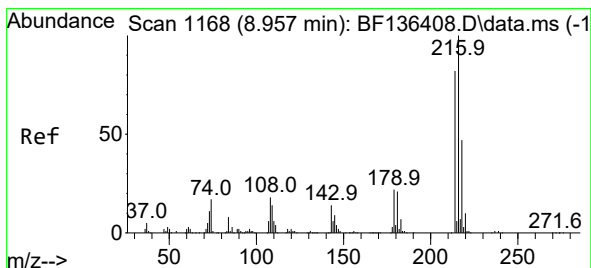
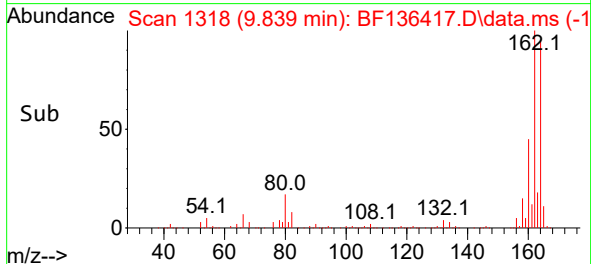
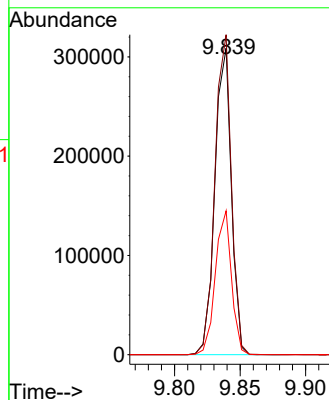
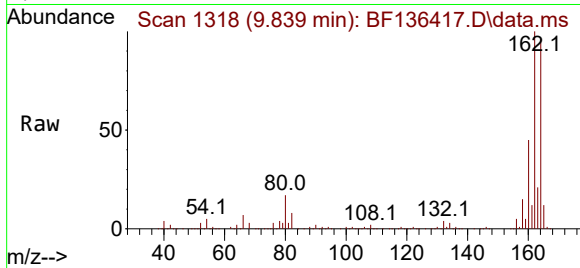
Tgt Ion:164 Resp: 269554

Ion Ratio Lower Upper

164 100

162 104.4 84.4 126.6

160 46.9 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.709 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Tgt Ion:216 Resp: 349779

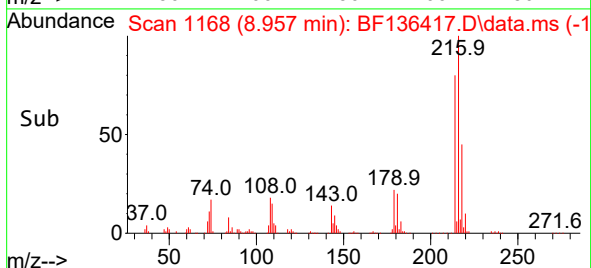
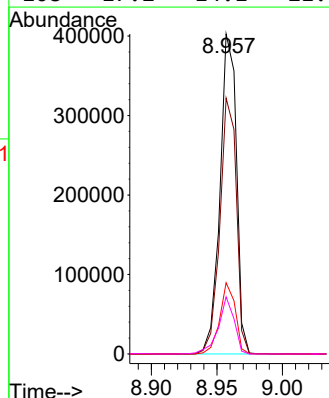
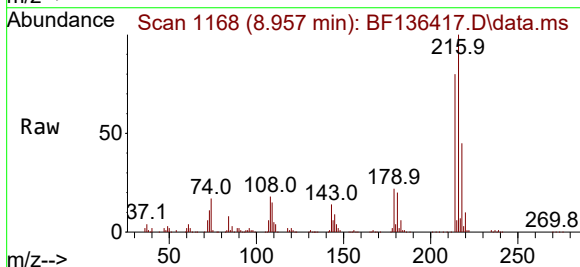
Ion Ratio Lower Upper

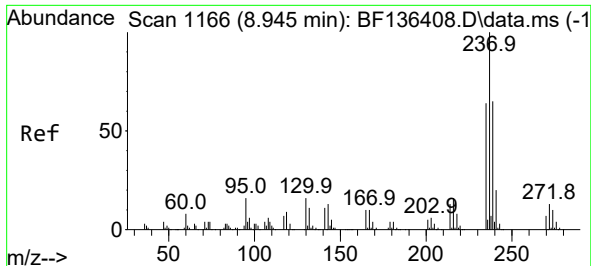
216 100

214 80.1 64.1 96.1

179 21.0 17.0 25.6

108 17.2 14.1 21.1

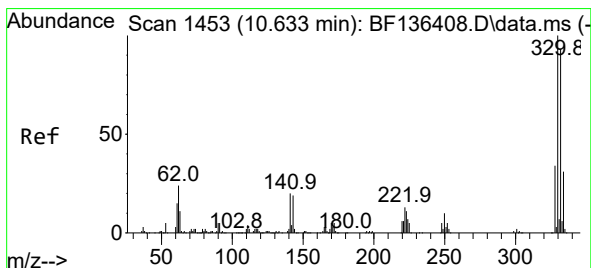
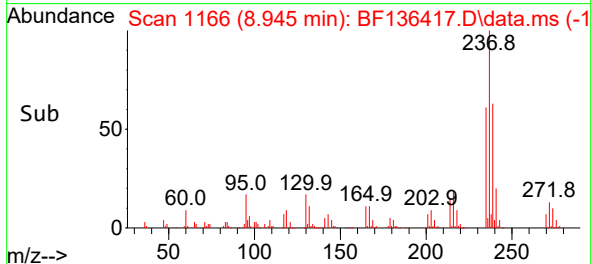
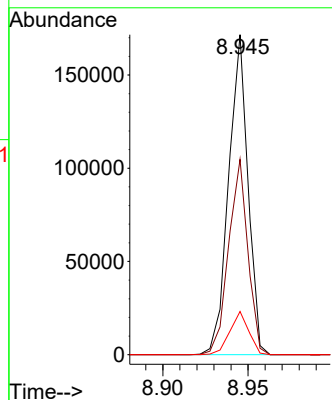
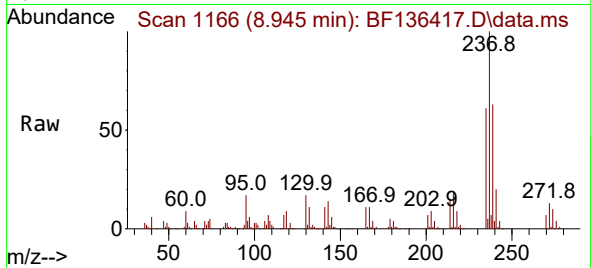




#41
Hexachlorocyclopentadiene
Concen: 43.639 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

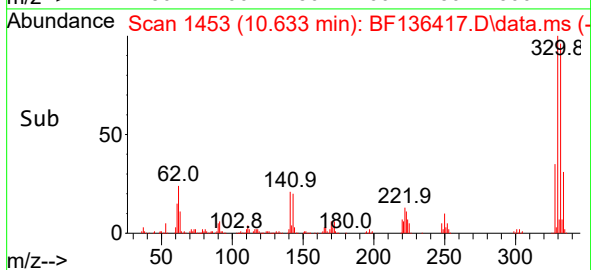
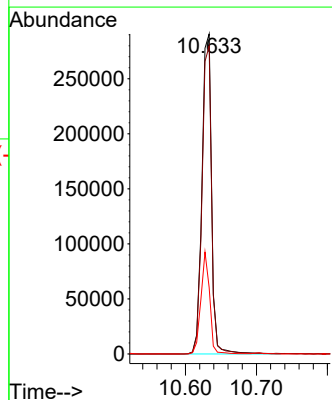
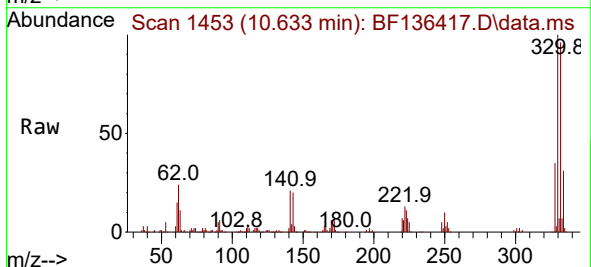
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

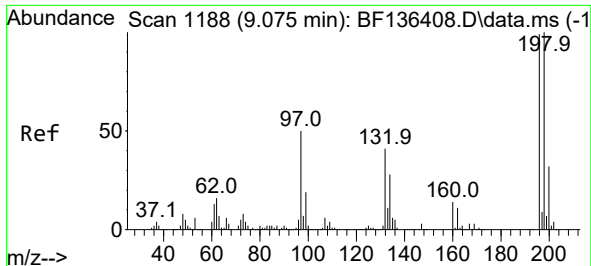
Tgt Ion:237 Resp: 135580
Ion Ratio Lower Upper
237 100
235 61.1 44.1 84.1
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 82.700 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:330 Resp: 274865
Ion Ratio Lower Upper
330 100
332 95.5 76.4 114.6
141 29.1 23.4 35.2

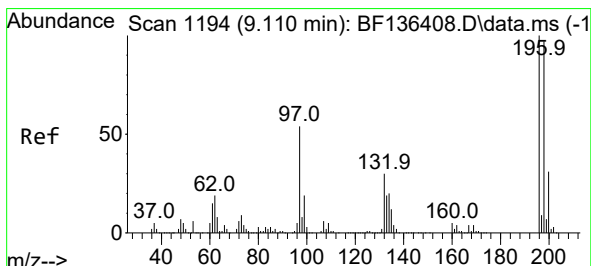
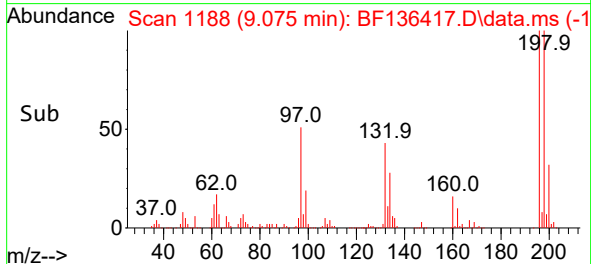
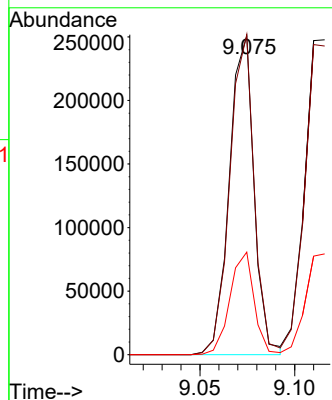
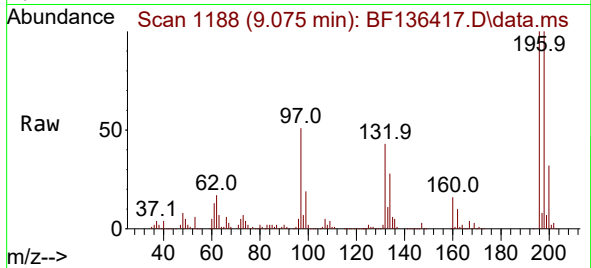




#43
2,4,6-Trichlorophenol
Concen: 41.643 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

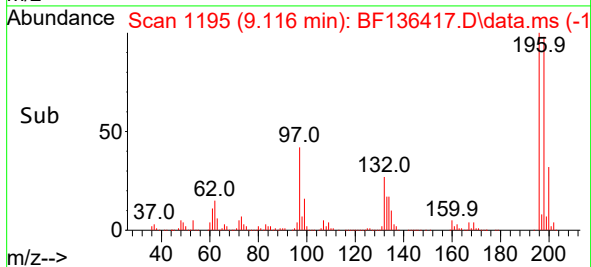
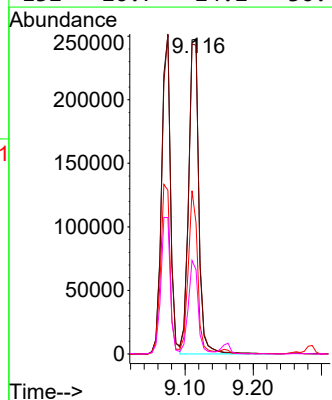
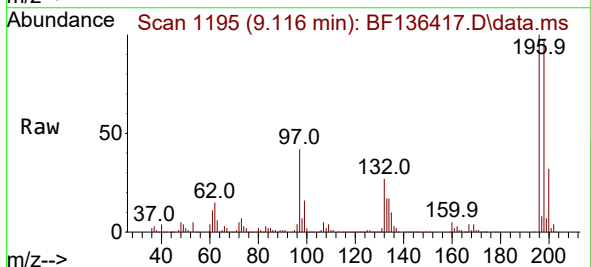
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

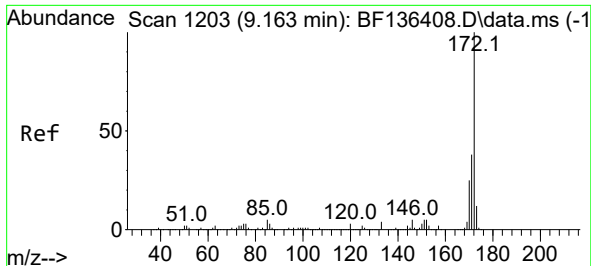
Tgt Ion:196 Resp: 227389
Ion Ratio Lower Upper
196 100
198 100.4 80.4 120.6
200 32.2 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 42.065 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:196 Resp: 256362
Ion Ratio Lower Upper
196 100
198 98.0 78.1 117.1
97 41.6 43.4 65.2#
132 26.7 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 80.754 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

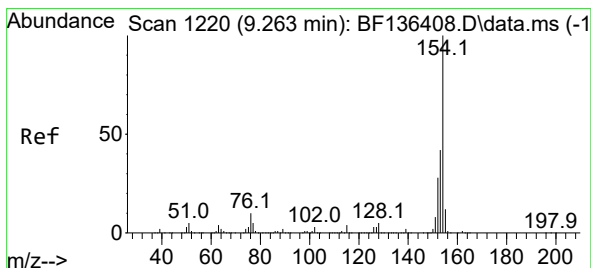
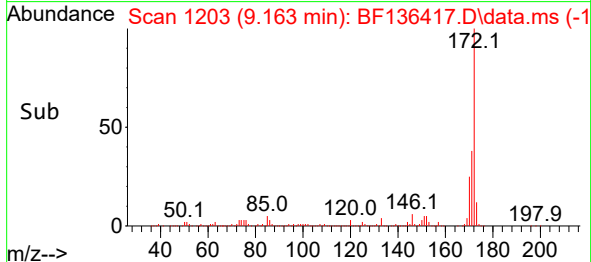
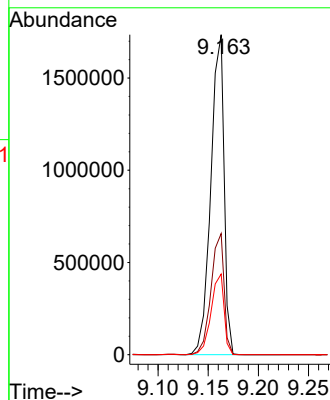
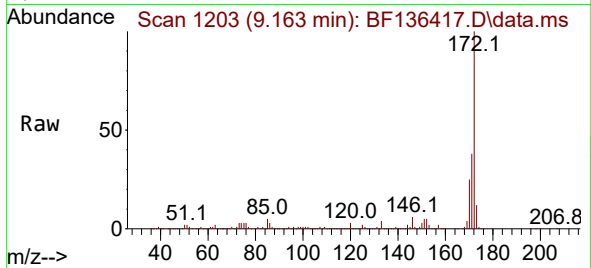
Tgt Ion:172 Resp: 1595284

Ion Ratio Lower Upper

172 100

171 37.9 30.5 45.7

170 25.2 19.9 29.9



#46

1,1'-Biphenyl

Concen: 40.670 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

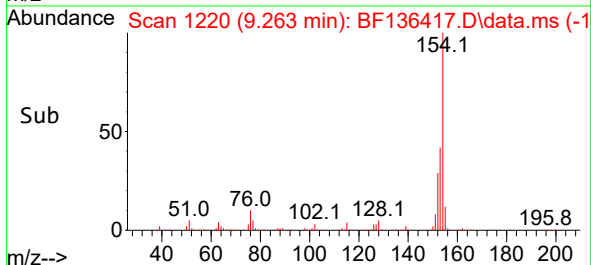
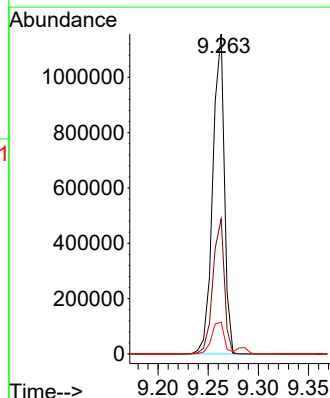
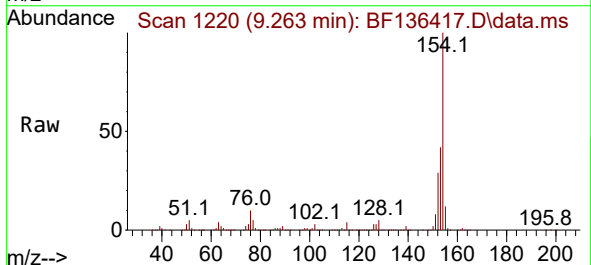
Tgt Ion:154 Resp: 932808

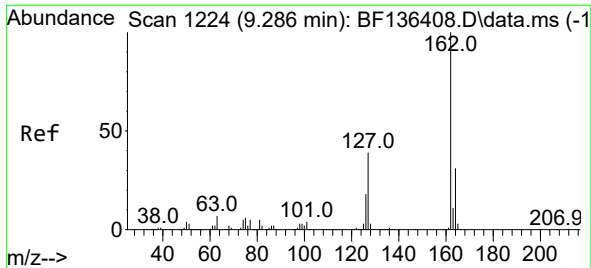
Ion Ratio Lower Upper

154 100

153 42.2 22.5 62.5

76 10.0 0.0 29.9

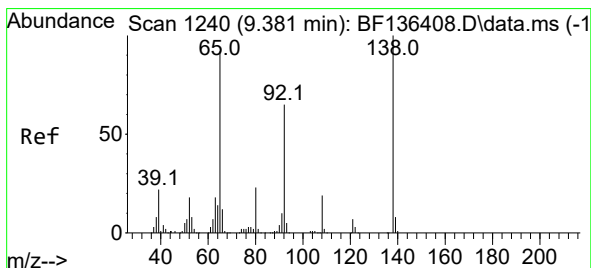
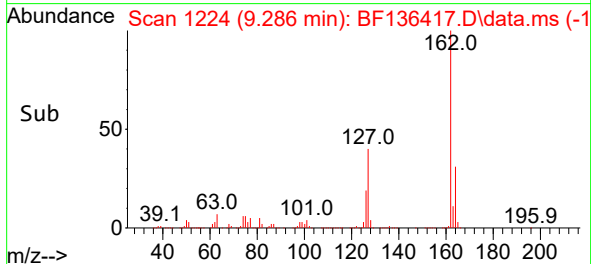
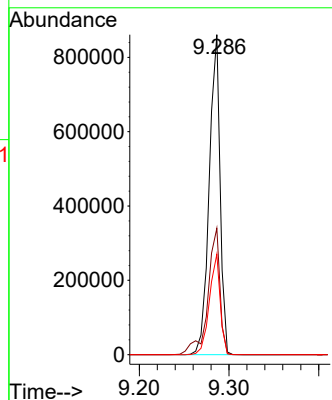
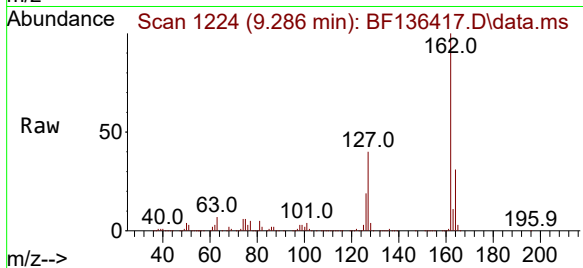




#47
2-Chloronaphthalene
Concen: 40.543 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

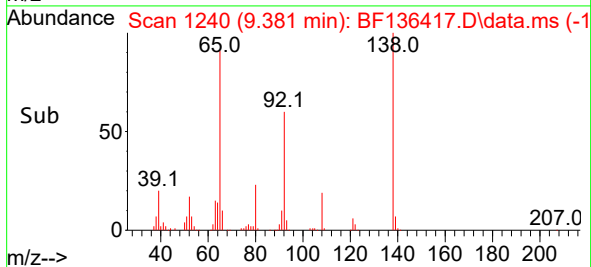
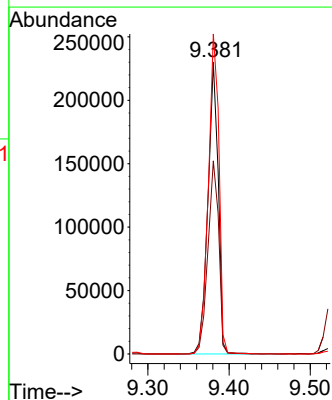
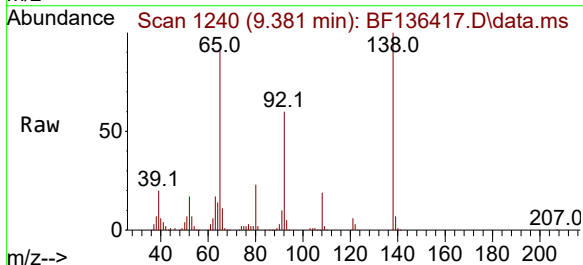
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

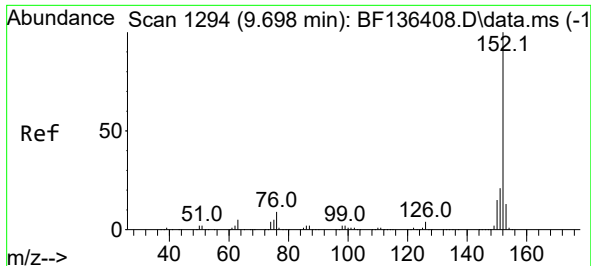
Tgt Ion:162 Resp: 723762
Ion Ratio Lower Upper
162 100
127 39.5 31.1 46.7
164 31.4 24.6 37.0



#48
2-Nitroaniline
Concen: 42.352 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion: 65 Resp: 202779
Ion Ratio Lower Upper
65 100
92 66.2 56.1 84.1
138 109.6 86.7 130.1





#49

Acenaphthylene

Concen: 40.988 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

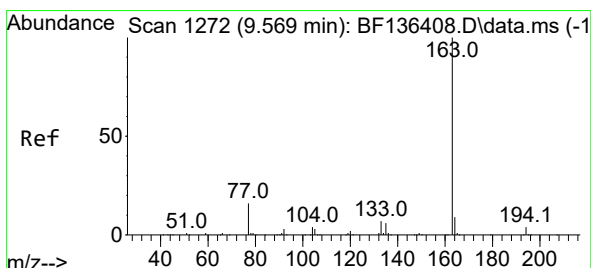
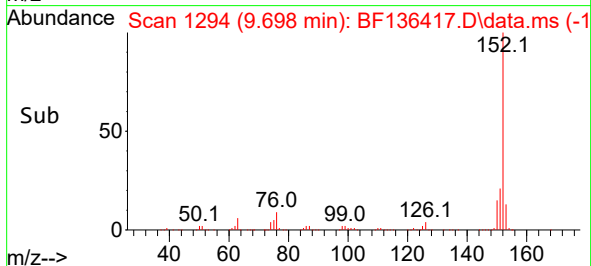
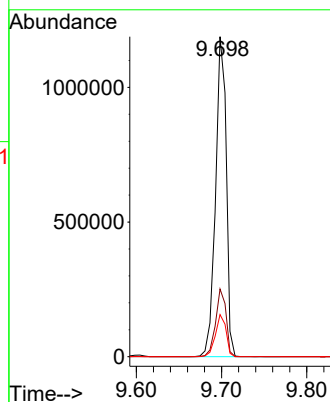
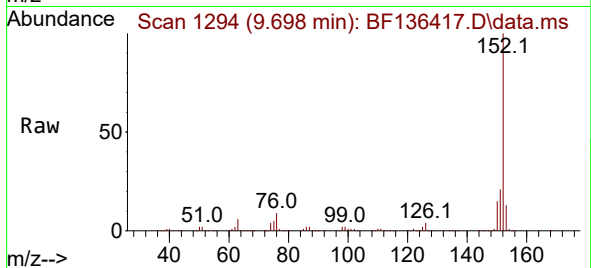
Tgt Ion:152 Resp: 1042344

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 40.811 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

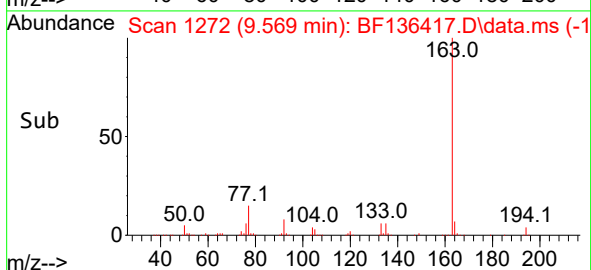
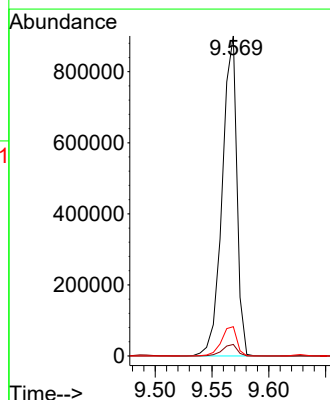
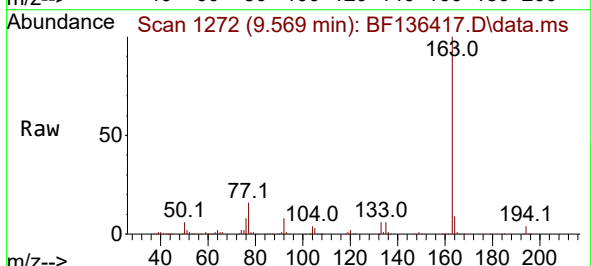
Tgt Ion:163 Resp: 809915

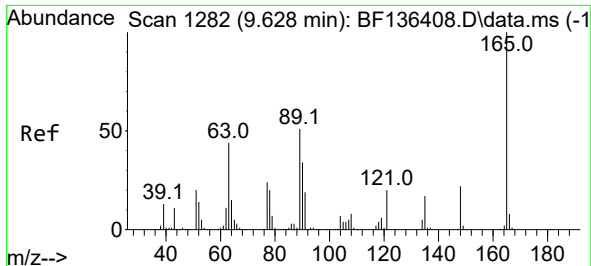
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 9.2 7.4 11.2

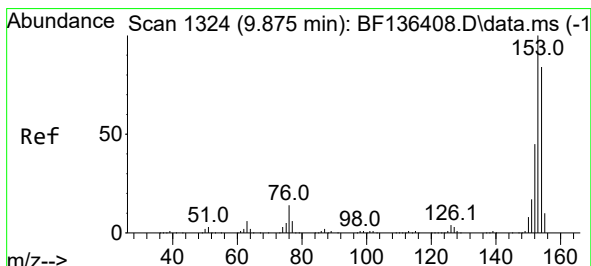
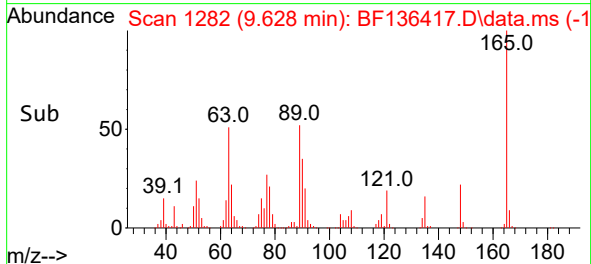
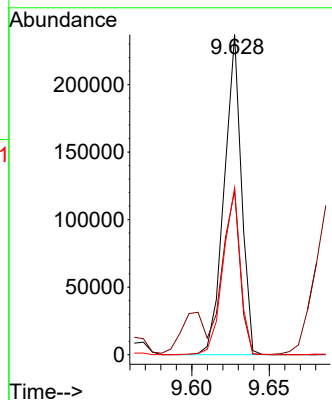
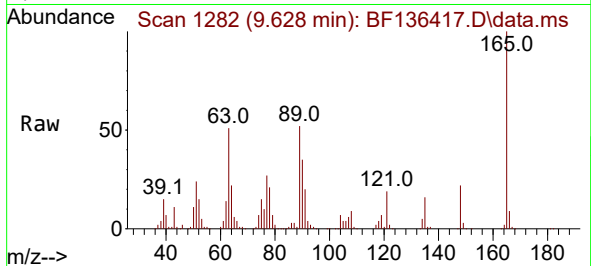




#51
2,6-Dinitrotoluene
Concen: 40.990 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

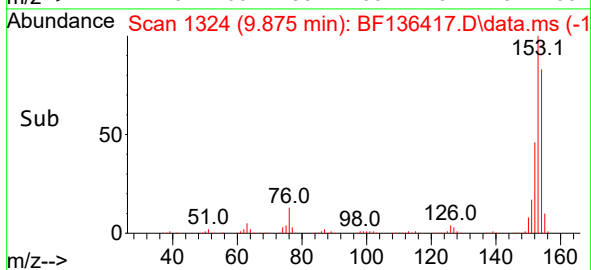
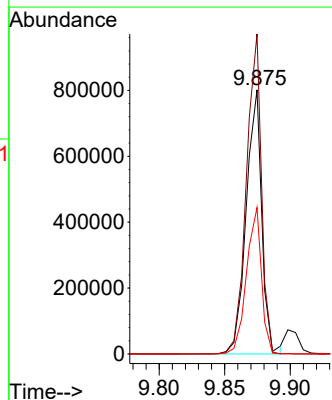
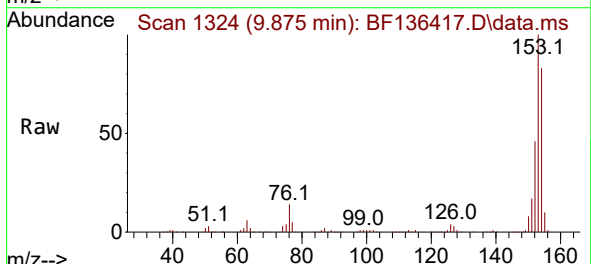
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

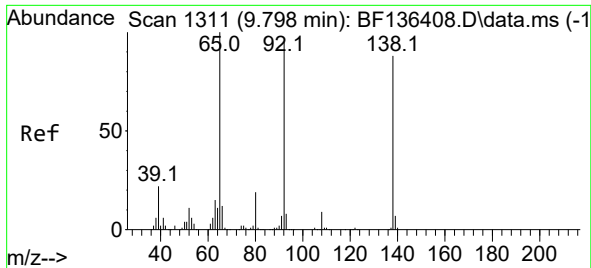
Tgt Ion:165 Resp: 183008
Ion Ratio Lower Upper
165 100
63 51.3 40.4 60.6
89 52.2 40.6 60.8



#52
Acenaphthene
Concen: 40.729 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:154 Resp: 663585
Ion Ratio Lower Upper
154 100
153 121.2 95.3 142.9
152 55.4 43.2 64.8

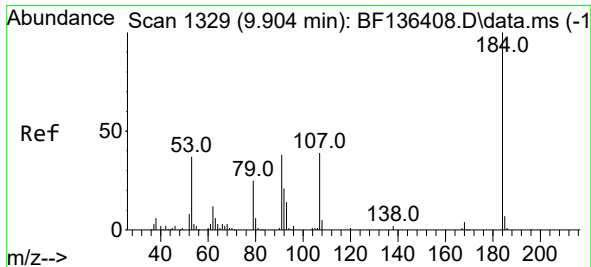
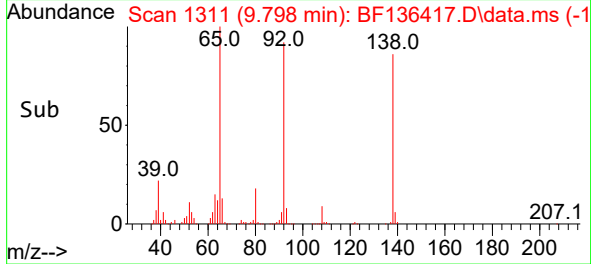
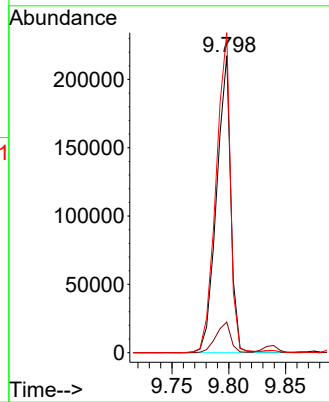
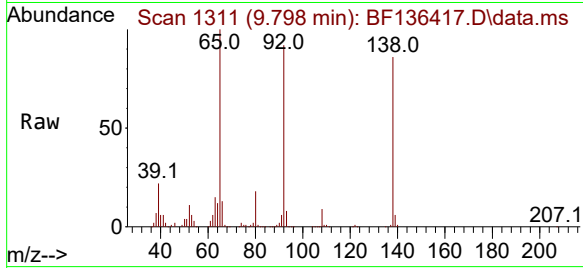




#53
3-Nitroaniline
Concen: 41.455 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

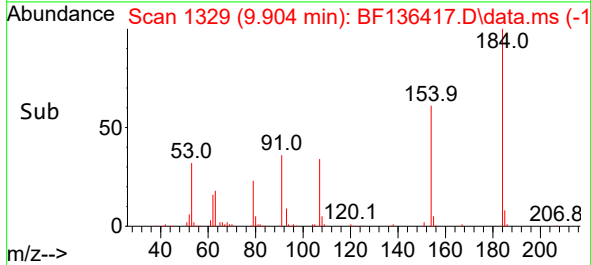
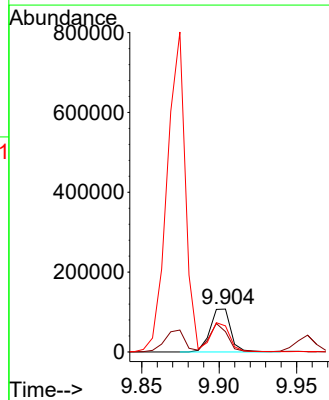
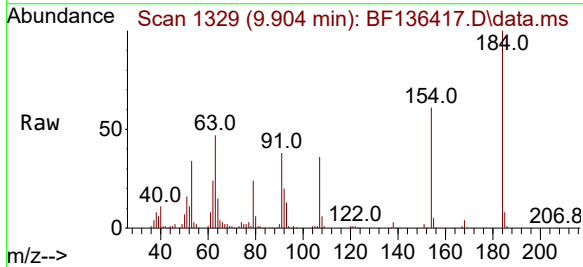
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

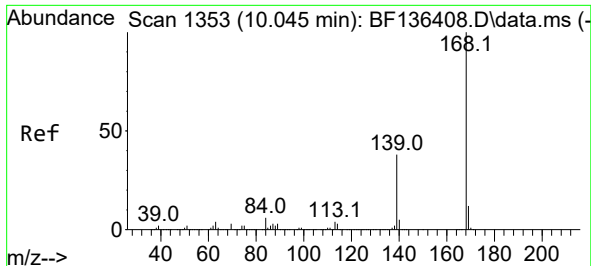
Tgt Ion:138 Resp: 189000
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 107.7 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 44.336 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:184 Resp: 100081
Ion Ratio Lower Upper
184 100
63 47.2 39.1 58.7
154 60.7 49.9 74.9

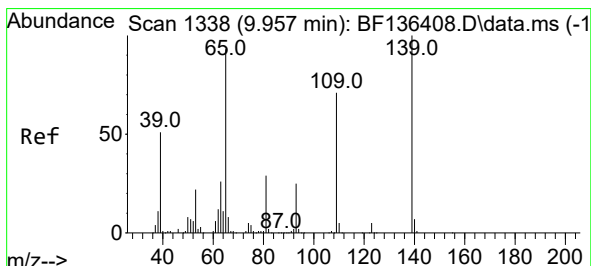
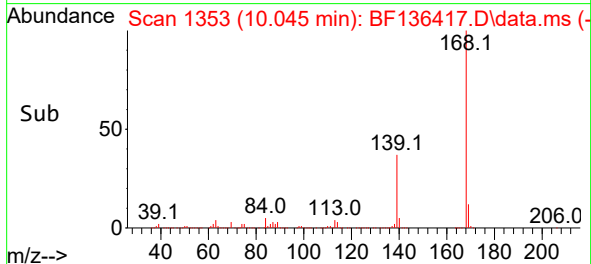
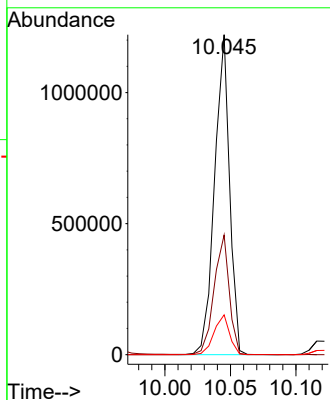
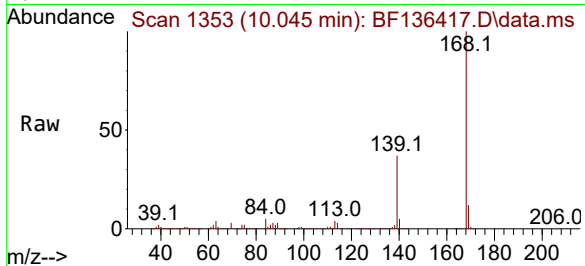




#55
Dibenzenofuran
Concen: 40.604 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

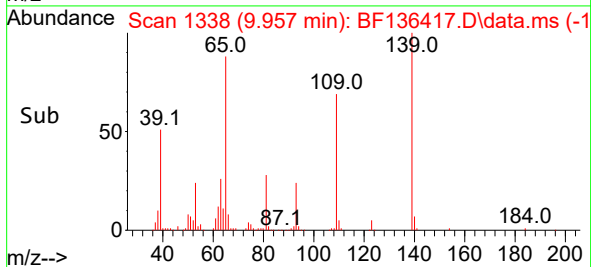
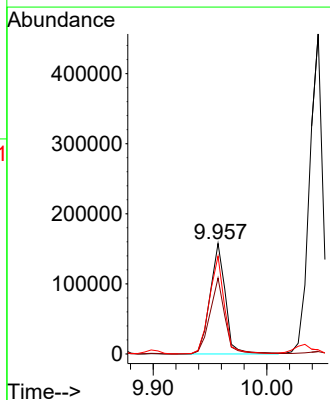
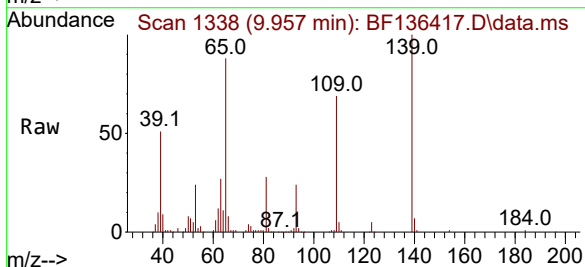
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

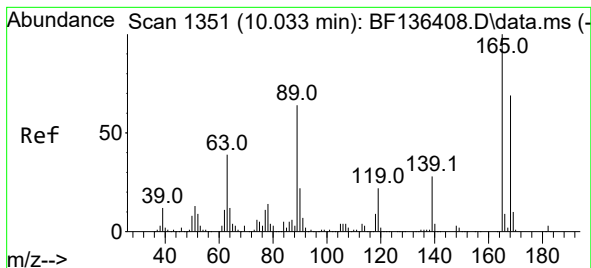
Tgt Ion:168 Resp: 966638
Ion Ratio Lower Upper
168 100
139 37.4 30.4 45.6
169 12.5 9.9 14.9



#56
4-Nitrophenol
Concen: 43.112 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:139 Resp: 147347
Ion Ratio Lower Upper
139 100
109 68.8 50.6 90.6
65 88.4 73.1 113.1

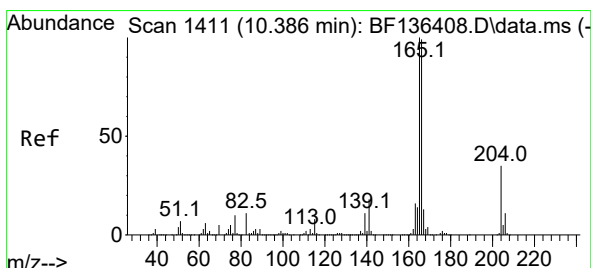
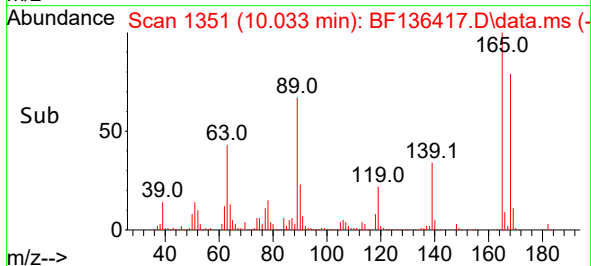
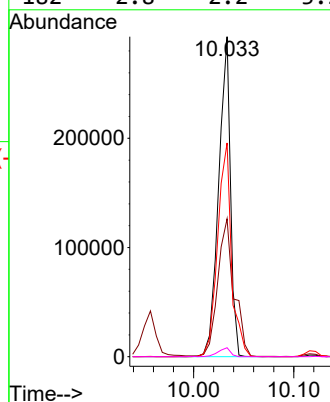
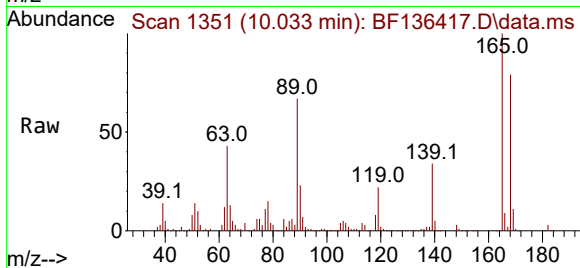




#57
2,4-Dinitrotoluene
Concen: 40.469 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

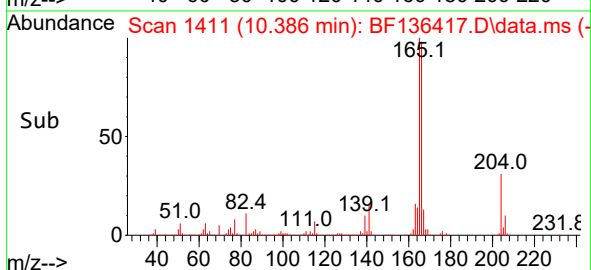
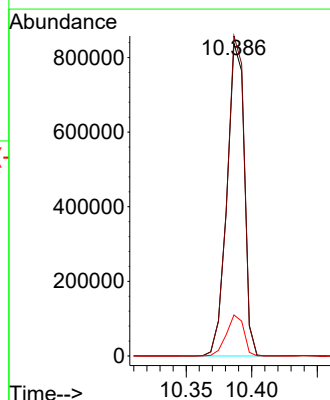
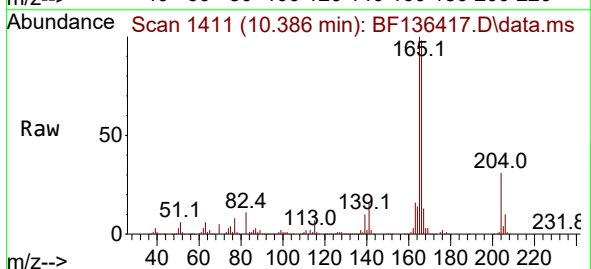
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

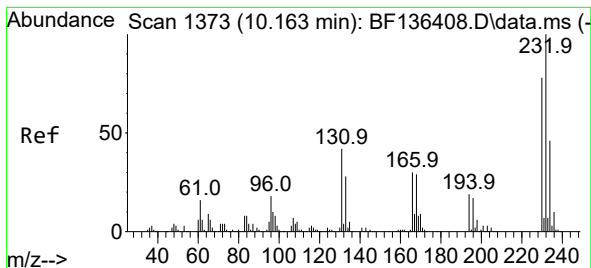
Tgt Ion:165 Resp: 239019
Ion Ratio Lower Upper
165 100
63 43.1 31.4 47.2
89 66.8 51.7 77.5
182 2.8 2.2 3.2



#58
Fluorene
Concen: 40.240 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:166 Resp: 768990
Ion Ratio Lower Upper
166 100
165 102.4 80.5 120.7
167 13.1 10.5 15.7

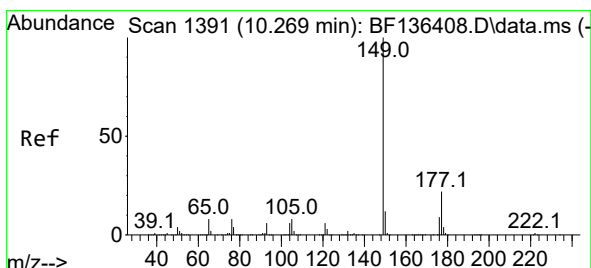
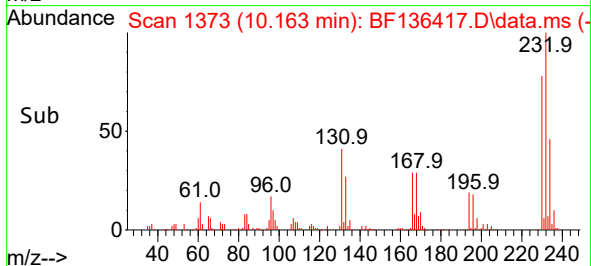
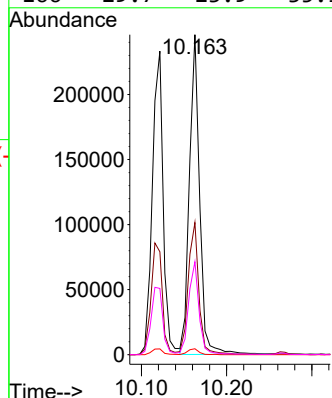
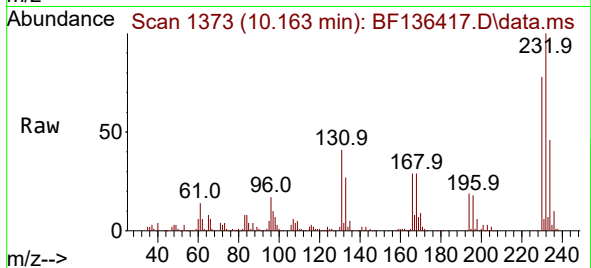




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.937 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

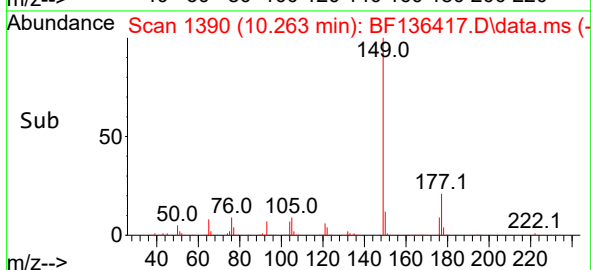
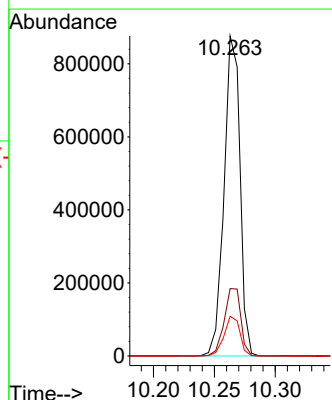
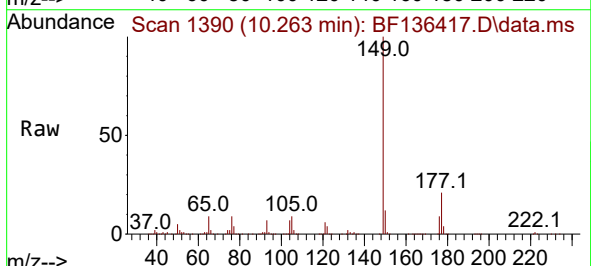
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

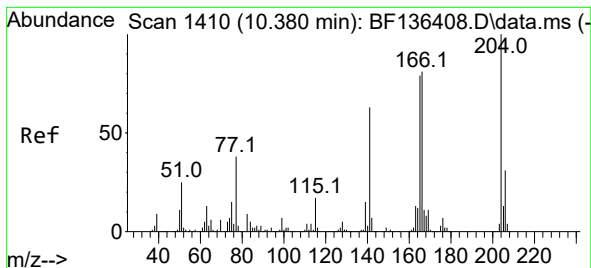
Tgt Ion:232 Resp: 204726
Ion Ratio Lower Upper
232 100
131 42.4 34.3 51.5
130 2.0 1.6 2.4
166 29.7 23.9 35.9



#60
Diethylphthalate
Concen: 40.944 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:149 Resp: 799016
Ion Ratio Lower Upper
149 100
177 21.0 17.8 26.8
150 12.4 9.4 14.0

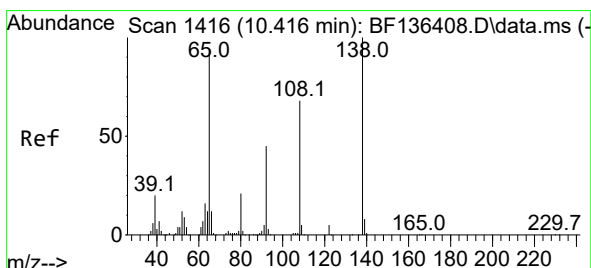
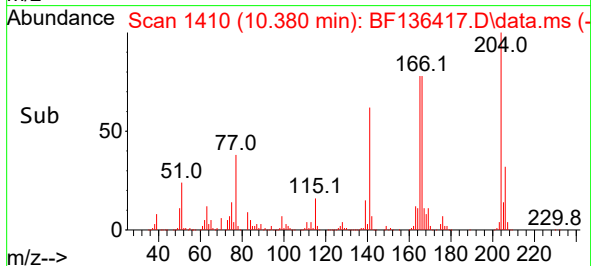
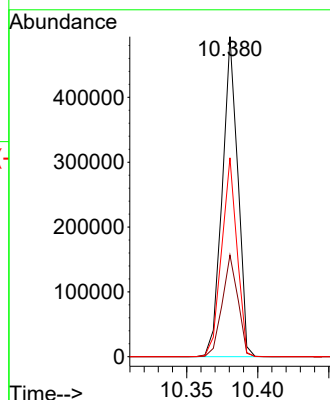
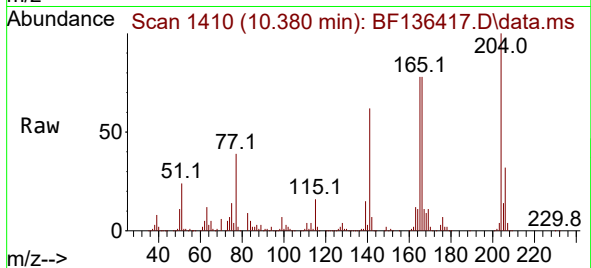




#61
4-Chlorophenyl-phenylether
Concen: 40.170 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

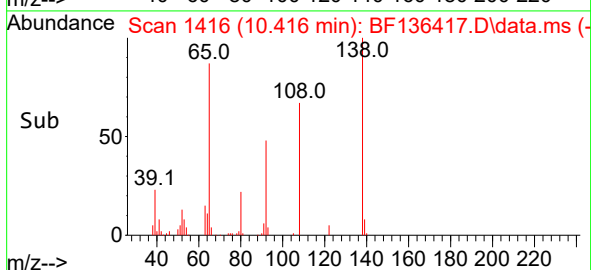
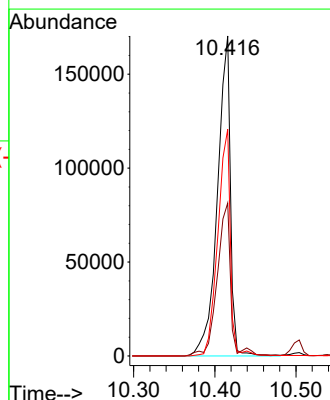
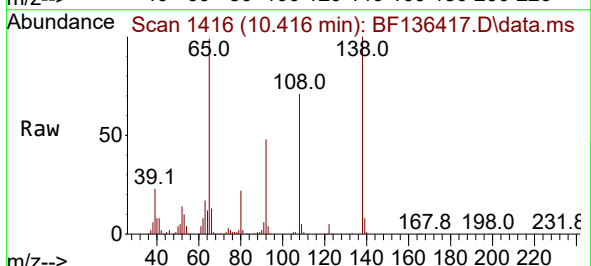
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

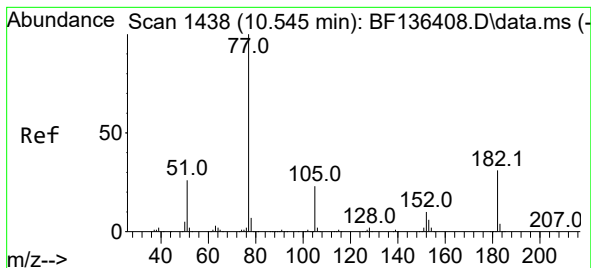
Tgt Ion:204 Resp: 374222
Ion Ratio Lower Upper
204 100
206 31.7 24.6 36.8
141 62.1 50.3 75.5



#62
4-Nitroaniline
Concen: 41.972 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:138 Resp: 190008
Ion Ratio Lower Upper
138 100
92 47.8 25.0 65.0
108 70.8 47.9 87.9





#63

Azobenzene

Concen: 40.923 ng

RT: 10.545 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 726889

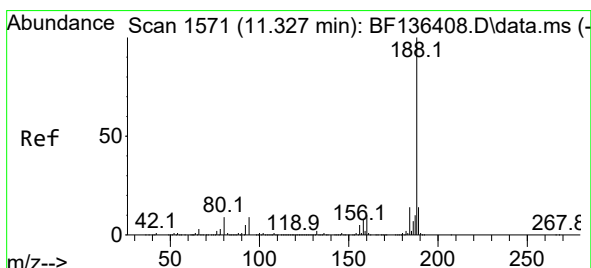
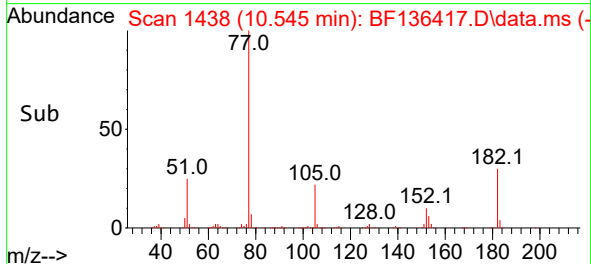
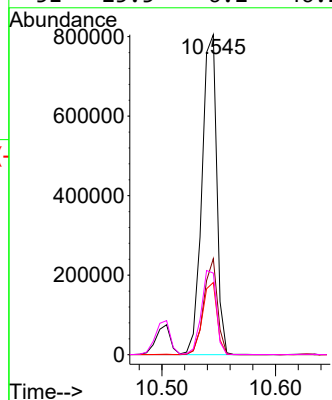
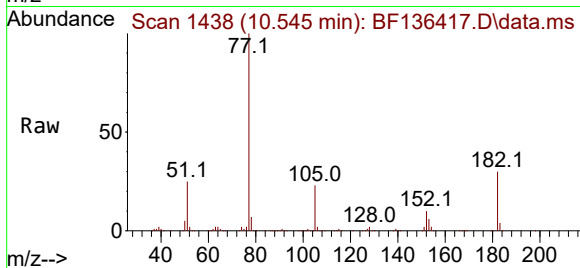
Ion Ratio Lower Upper

77 100

182 30.0 10.8 50.8

105 22.6 2.6 42.6

51 25.5 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

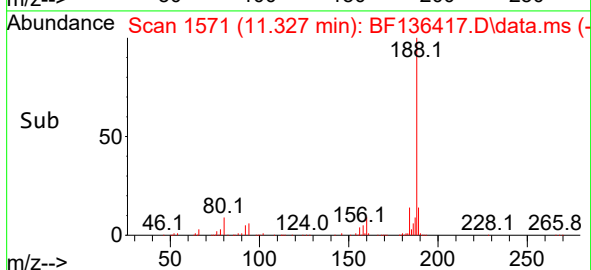
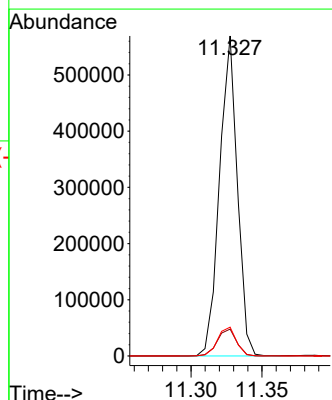
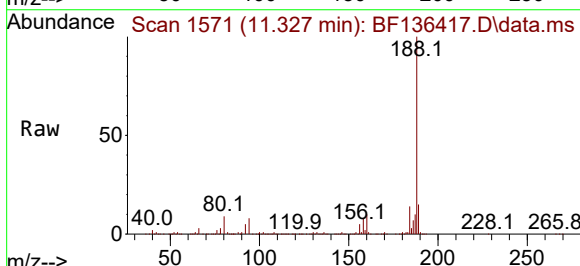
Tgt Ion: 188 Resp: 495127

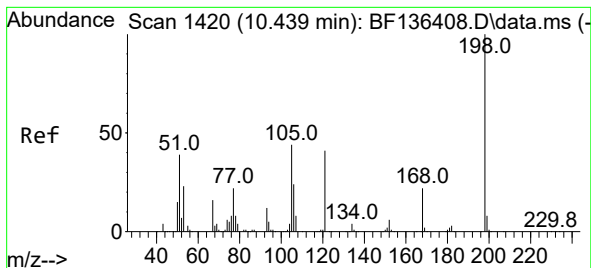
Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 9.0 7.2 10.8

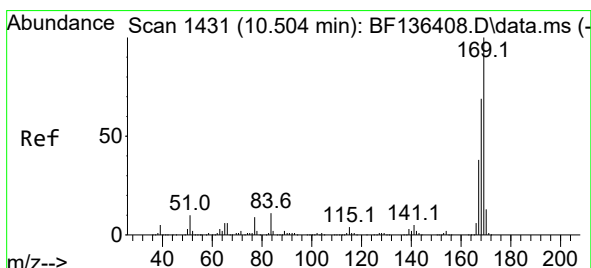
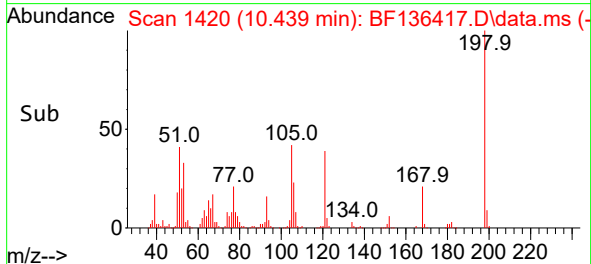
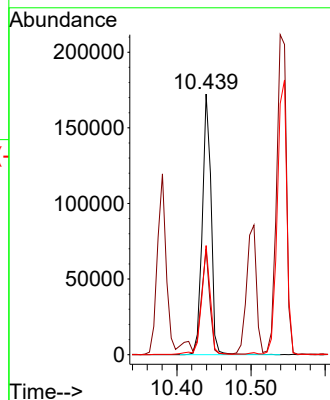
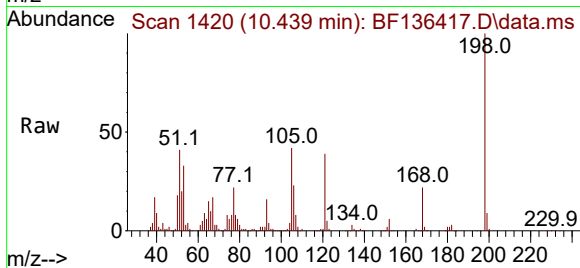




#65
4,6-Dinitro-2-methylphenol
Concen: 46.039 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

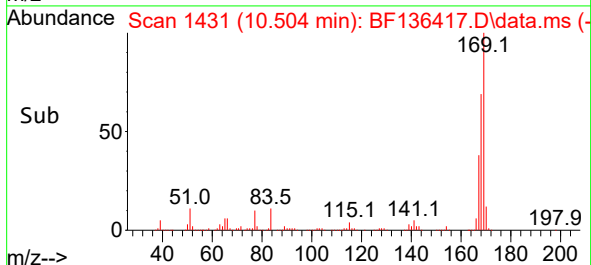
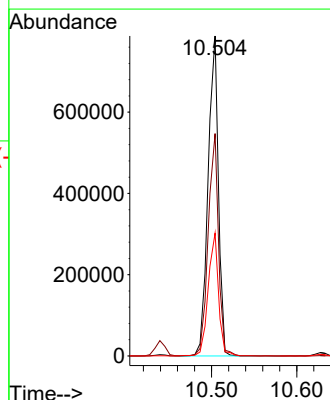
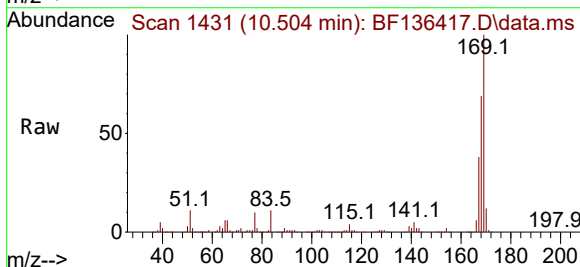
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

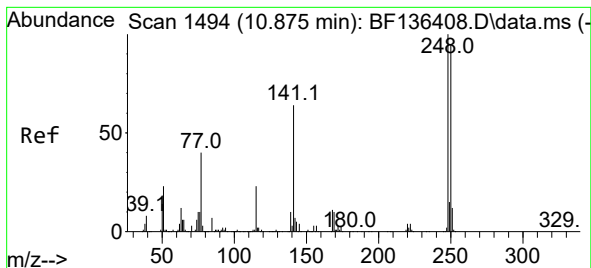
Tgt Ion:198 Resp: 141174
Ion Ratio Lower Upper
198 100
51 40.6 24.1 64.1
105 41.9 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 41.647 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:169 Resp: 661664
Ion Ratio Lower Upper
169 100
168 69.5 55.3 82.9
167 38.4 30.1 45.1

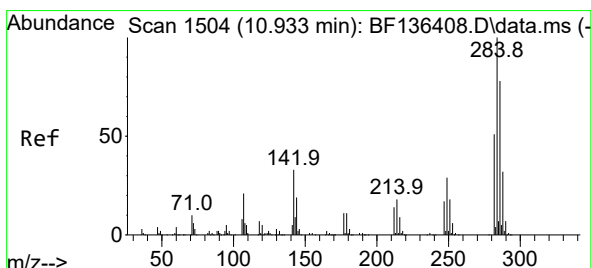
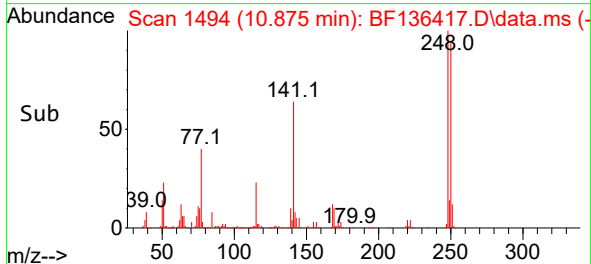
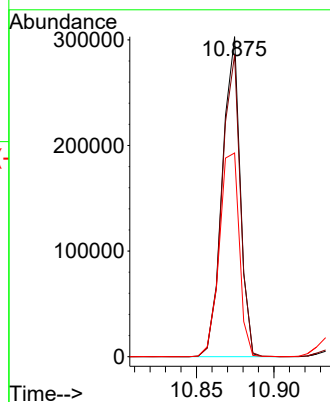
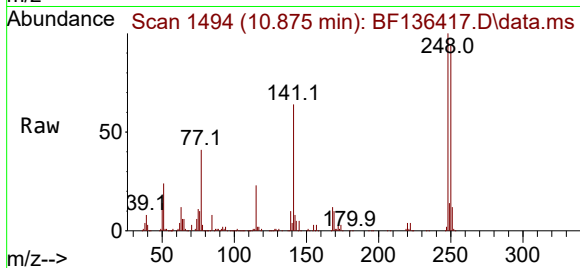




#67
4-Bromophenyl-phenylether
Concen: 42.303 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

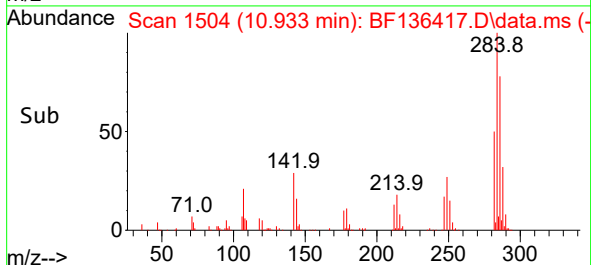
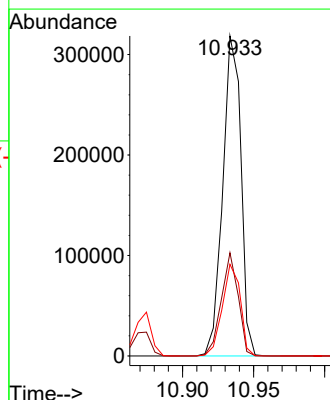
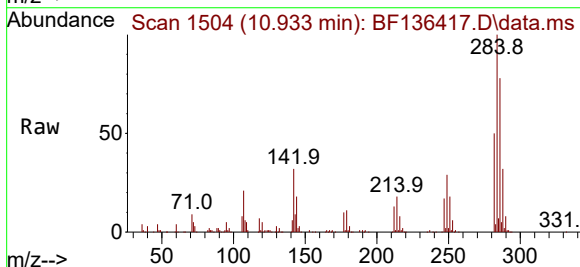
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

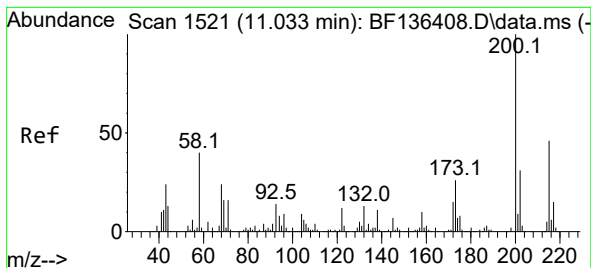
Tgt Ion:248 Resp: 243522
Ion Ratio Lower Upper
248 100
250 94.3 76.2 114.2
141 63.7 51.0 76.4



#68
Hexachlorobenzene
Concen: 42.459 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:284 Resp: 282496
Ion Ratio Lower Upper
284 100
142 32.3 26.5 39.7
249 28.7 23.4 35.0





#69

Atrazine

Concen: 39.352 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

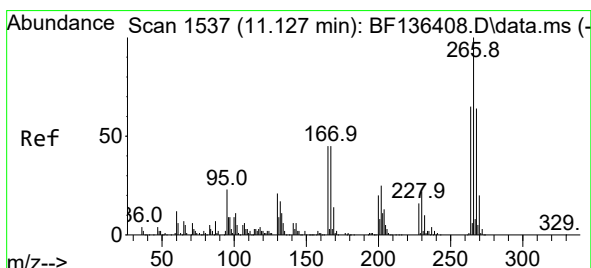
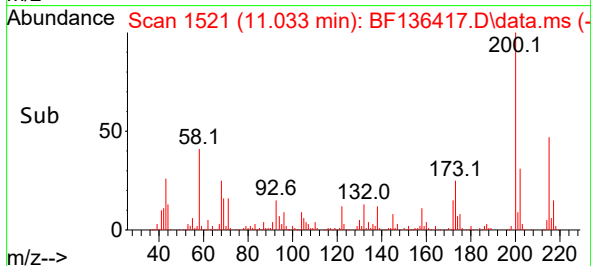
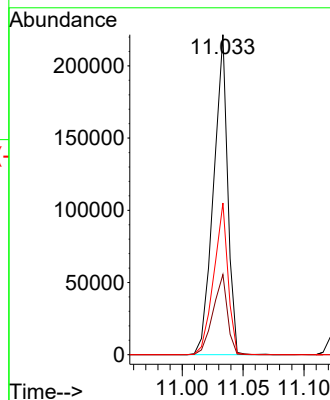
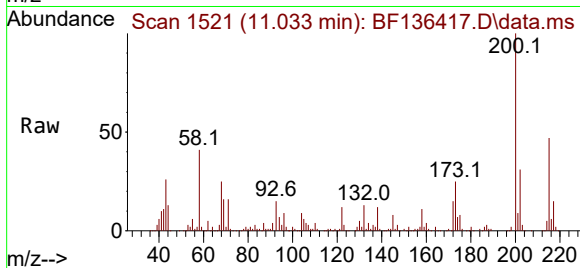
Tgt Ion:200 Resp: 178443

Ion Ratio Lower Upper

200 100

173 25.0 6.0 46.0

215 47.4 25.5 65.5



#70

Pentachlorophenol

Concen: 43.624 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

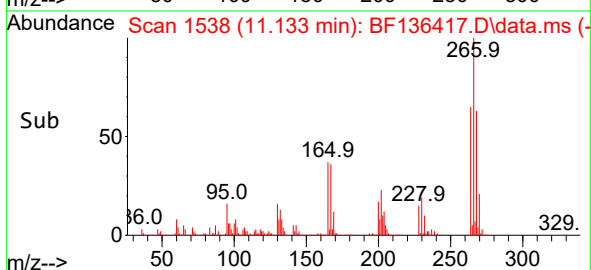
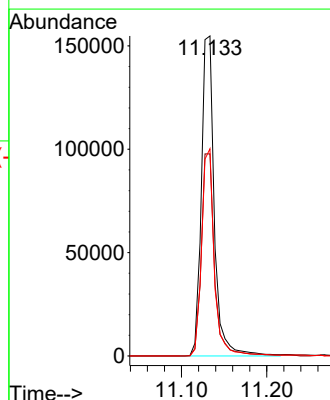
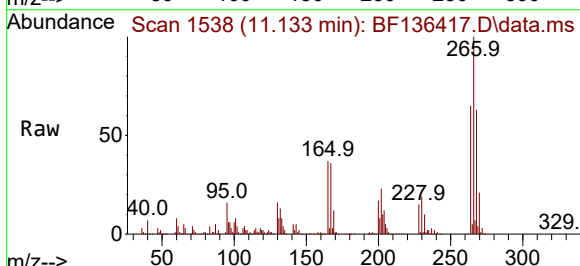
Tgt Ion:266 Resp: 163809

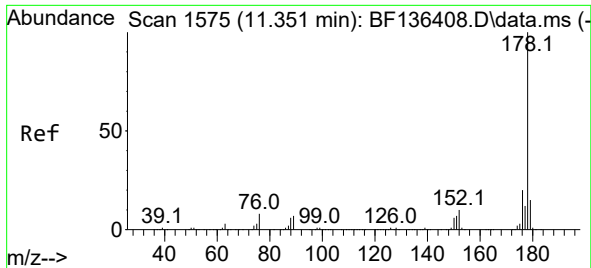
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.6

264 64.8 52.2 78.4

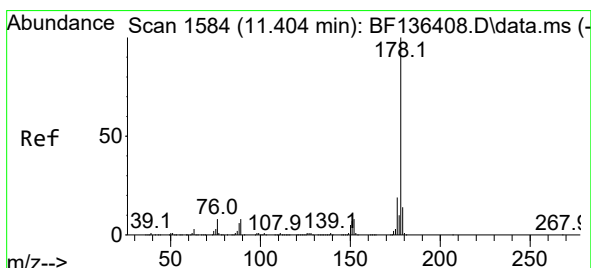
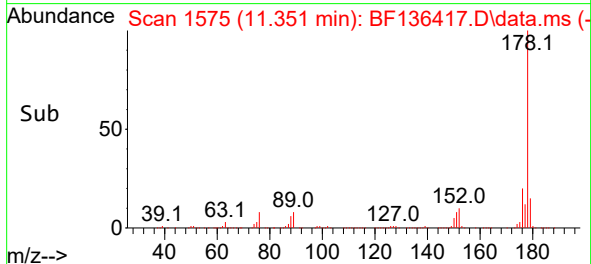
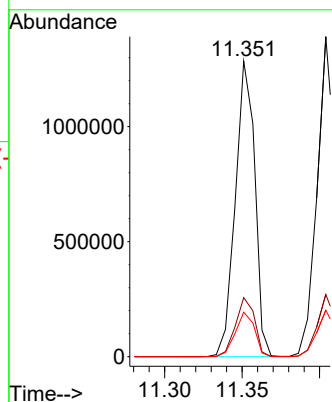
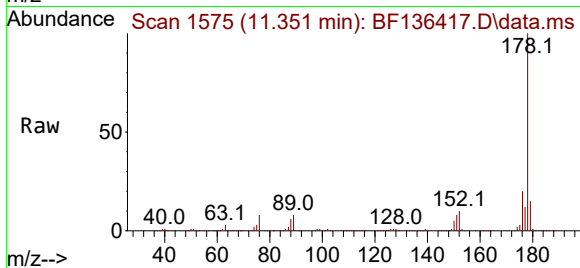




#71
Phenanthrene
Concen: 41.256 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

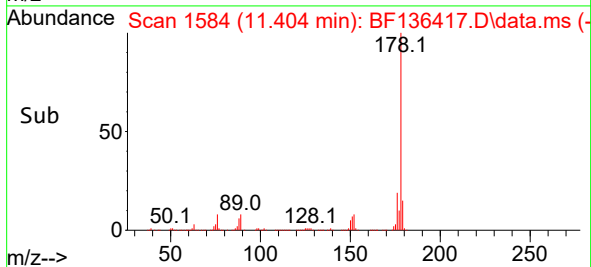
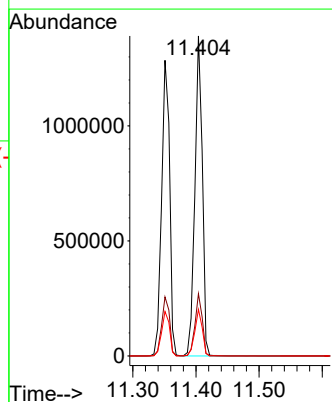
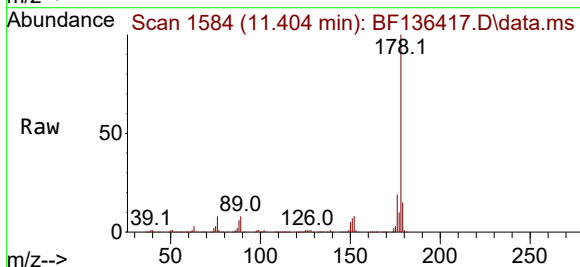
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

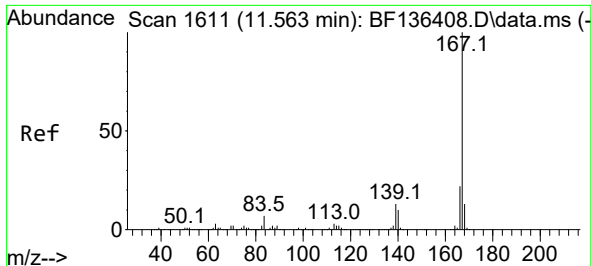
Tgt Ion:178 Resp: 1122755
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.1 11.8 17.6



#72
Anthracene
Concen: 41.686 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:178 Resp: 1142648
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 14.6 11.4 17.0

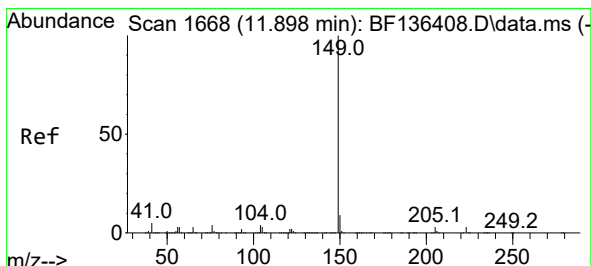
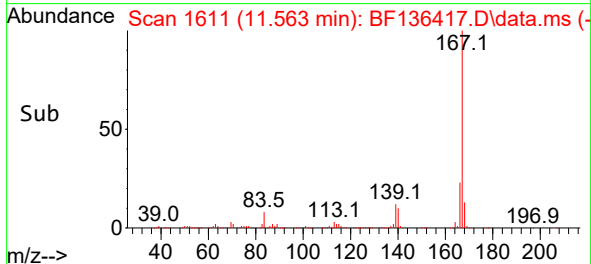
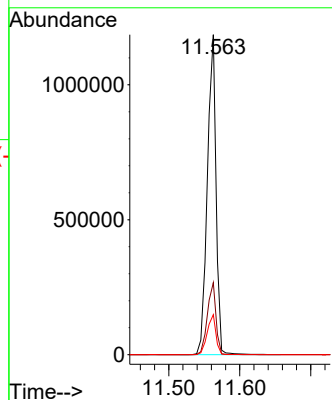
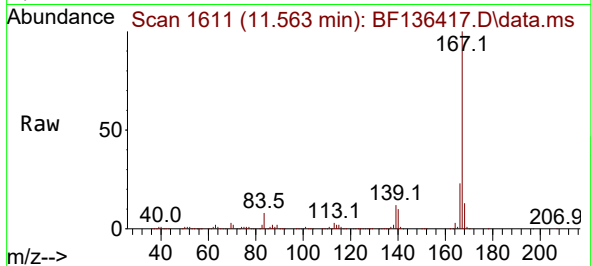




#73
 Carbazole
 Concen: 41.758 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF136417.D
 Acq: 05 Dec 2023 20:53

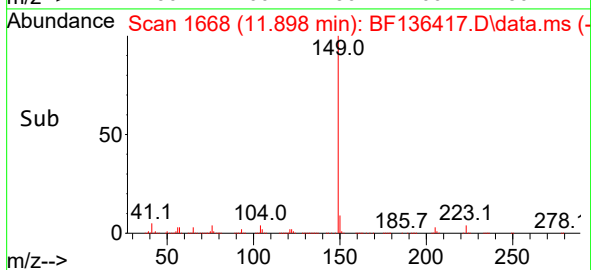
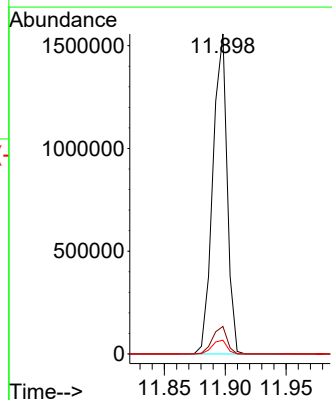
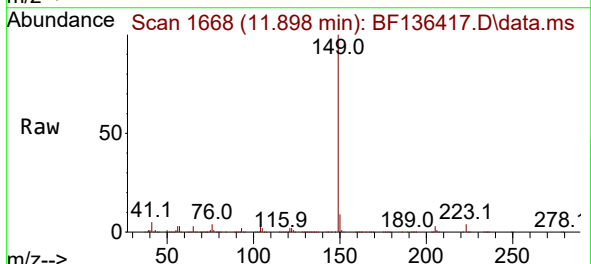
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

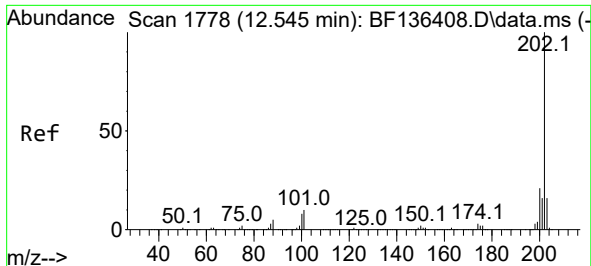
Tgt Ion:167 Resp: 1013072
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 12.5 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 42.680 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. 0.000 min
 Lab File: BF136417.D
 Acq: 05 Dec 2023 20:53

Tgt Ion:149 Resp: 1269350
 Ion Ratio Lower Upper
 149 100
 150 8.6 6.9 10.3
 104 4.3 3.5 5.3

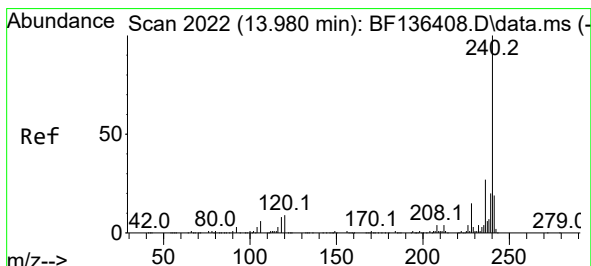
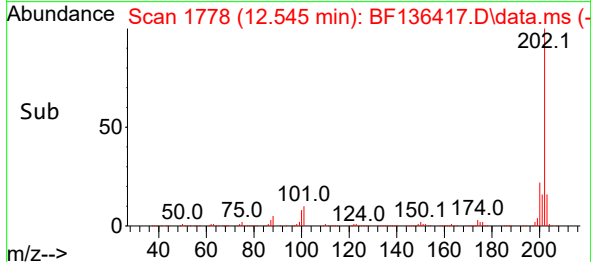
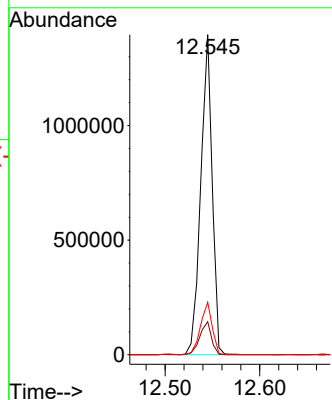
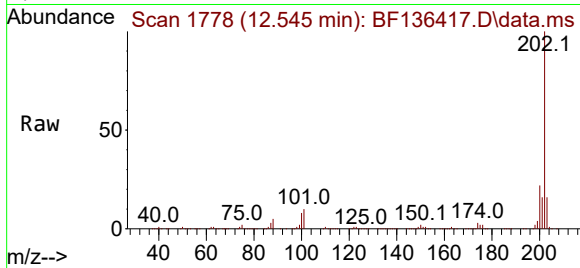




#75
Fluoranthene
Concen: 41.088 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

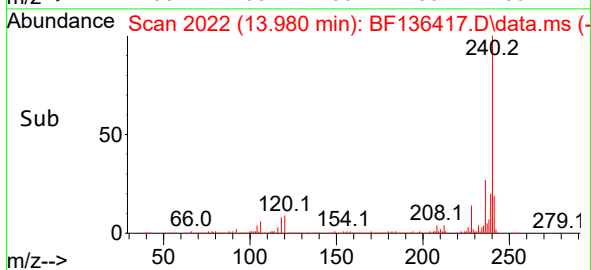
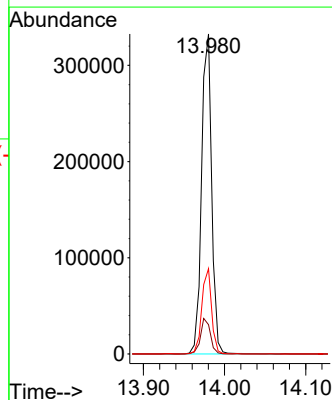
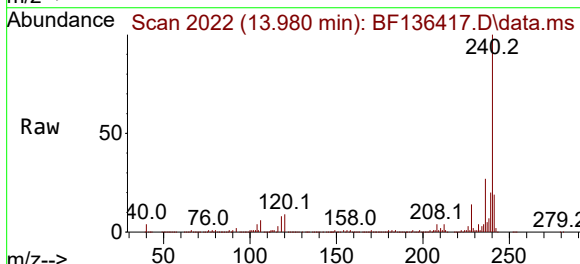
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

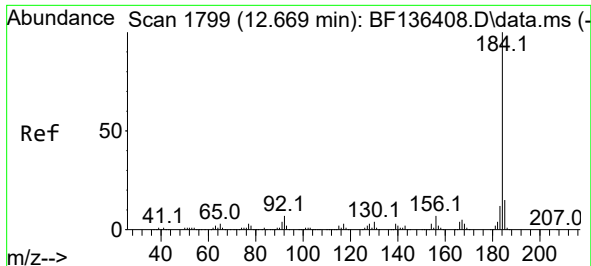
Tgt Ion:202 Resp: 1171811
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.9
203 16.4 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:240 Resp: 288059
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.6 21.3 31.9

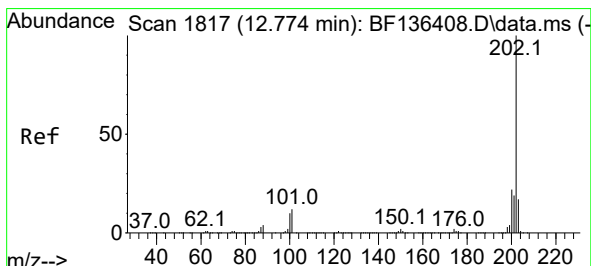
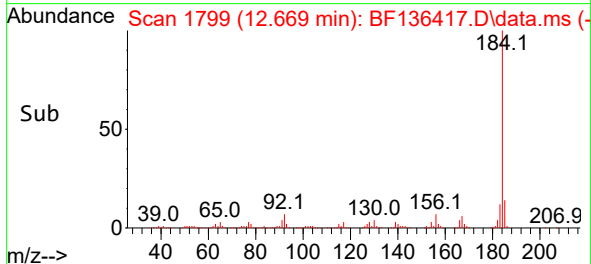
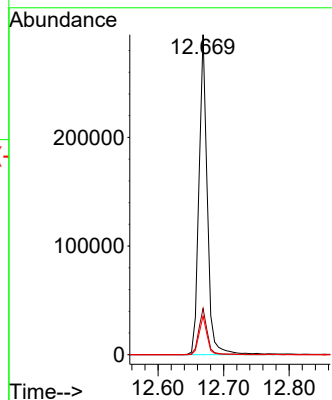
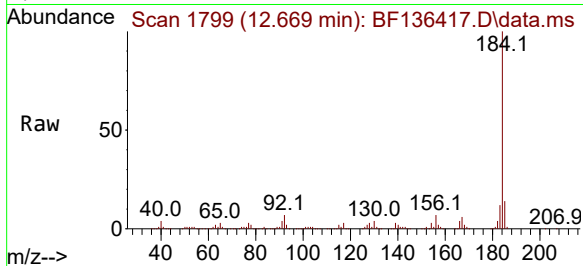




#77
Benzidine
Concen: 48.500 ng
RT: 12.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

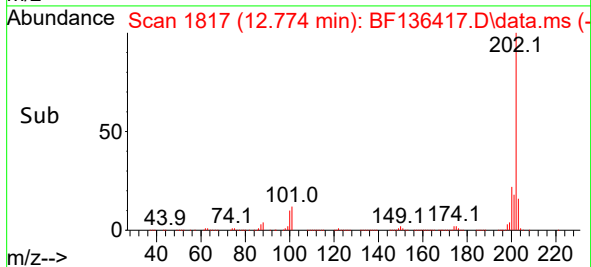
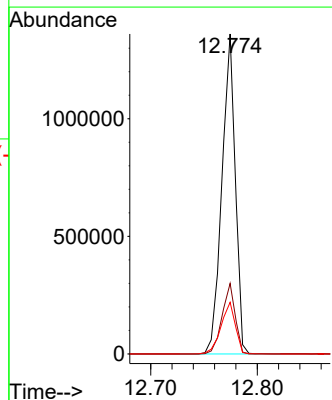
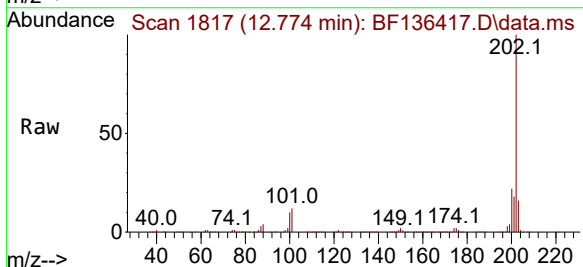
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

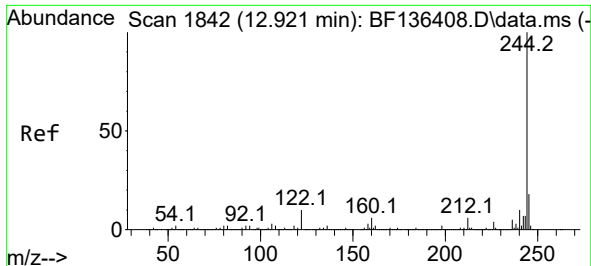
Tgt Ion:184 Resp: 260706
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 12.1 9.4 14.0



#78
Pyrene
Concen: 42.004 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

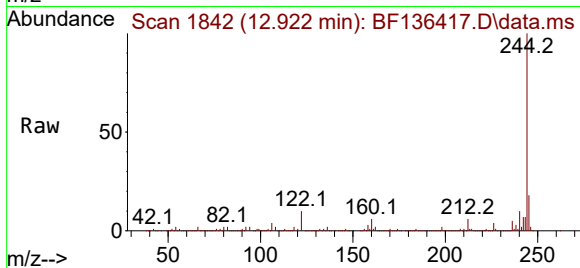
Tgt Ion:202 Resp: 1184986
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 16.1 13.5 20.3



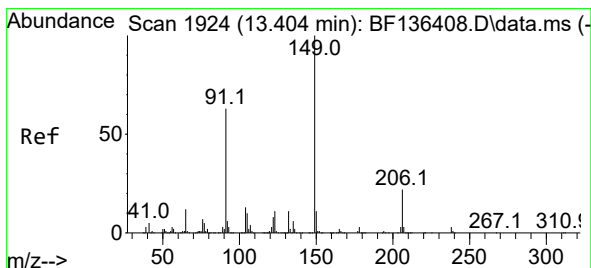
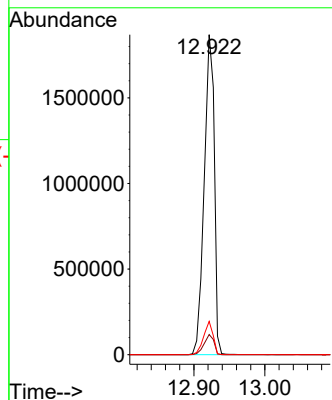
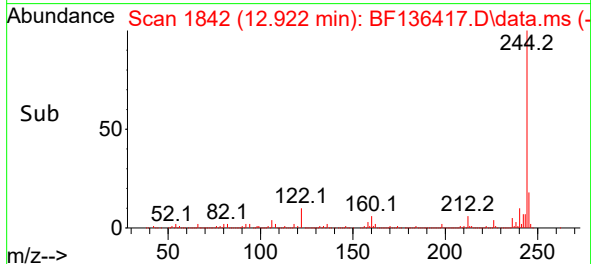


#79
 Terphenyl-d14
 Concen: 84.542 ng
 RT: 12.922 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136417.D
 Acq: 05 Dec 2023 20:53

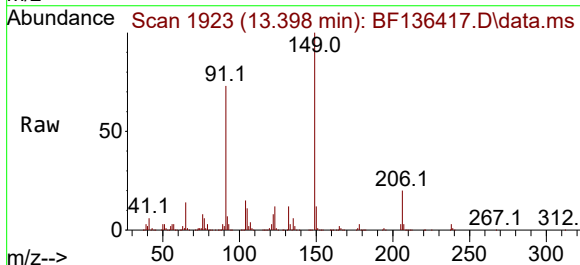
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



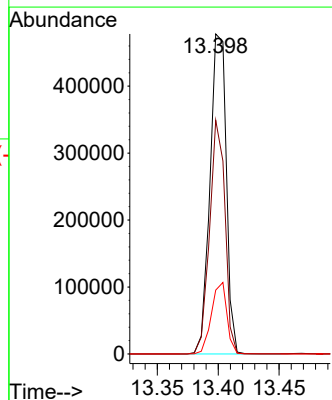
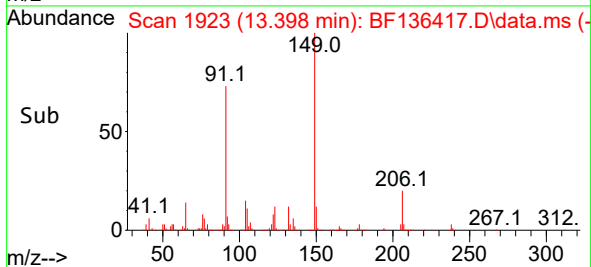
Tgt Ion:244 Resp: 1847667
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.4 8.3 12.5

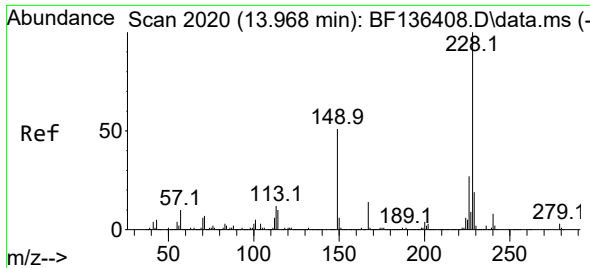


#80
 Butylbenzylphthalate
 Concen: 44.246 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136417.D
 Acq: 05 Dec 2023 20:53



Tgt Ion:149 Resp: 444346
 Ion Ratio Lower Upper
 149 100
 91 73.0 50.5 75.7
 206 20.0 17.4 26.2

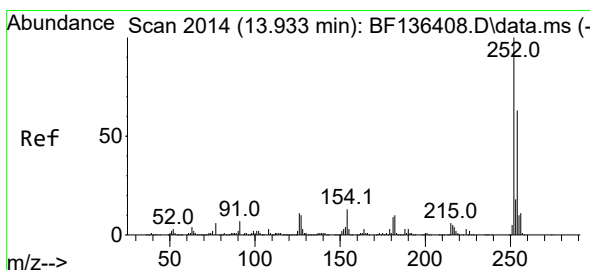
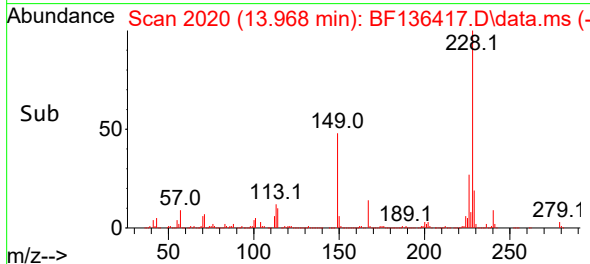
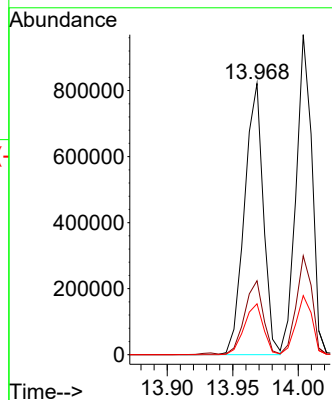
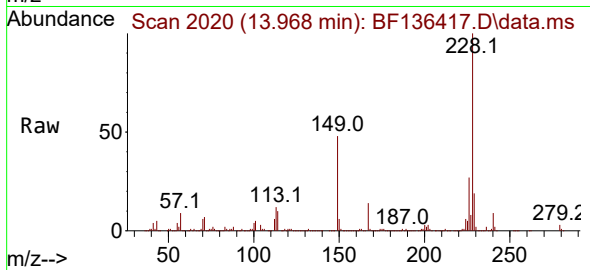




#81
Benzo(a)anthracene
Concen: 40.994 ng
RT: 13.968 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

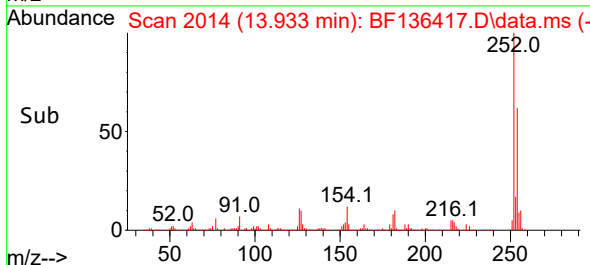
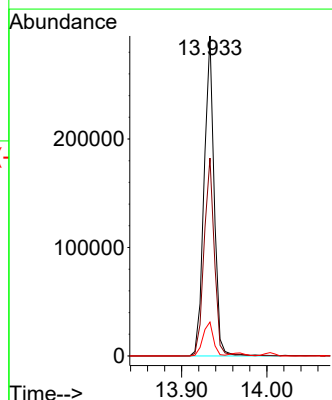
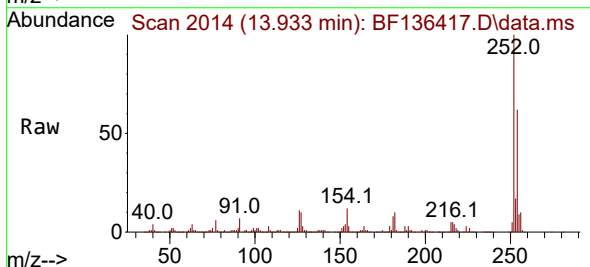
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

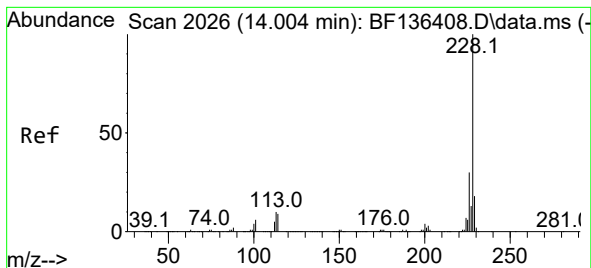
Tgt Ion:228 Resp: 822550
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 18.8 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 43.045 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136417.D
Acq: 05 Dec 2023 20:53

Tgt Ion:252 Resp: 242165
Ion Ratio Lower Upper
252 100
254 61.8 50.8 76.2
126 10.6 8.6 12.8





#83

Chrysene

Concen: 41.165 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

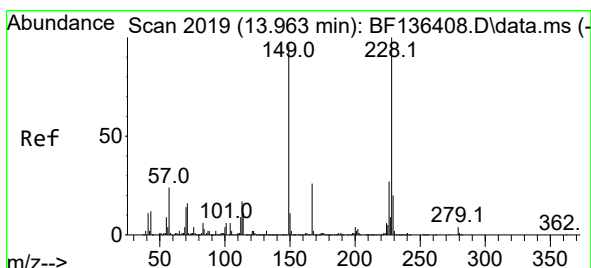
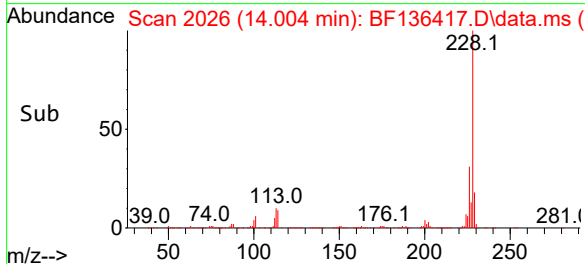
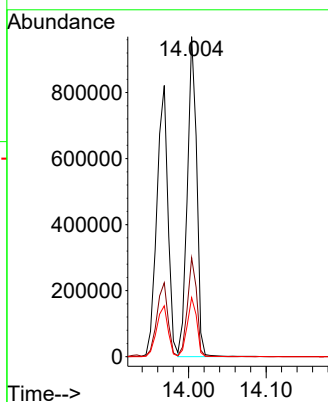
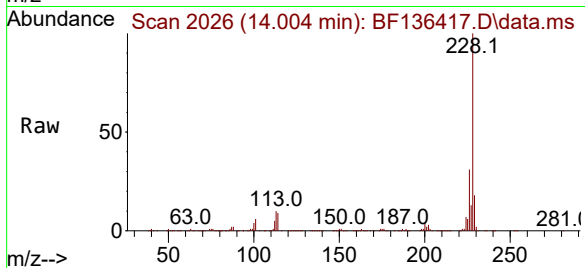
Tgt Ion:228 Resp: 812657

Ion Ratio Lower Upper

228 100

226 30.9 23.8 35.6

229 18.4 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.983 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

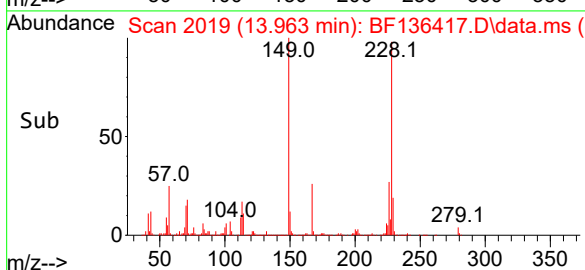
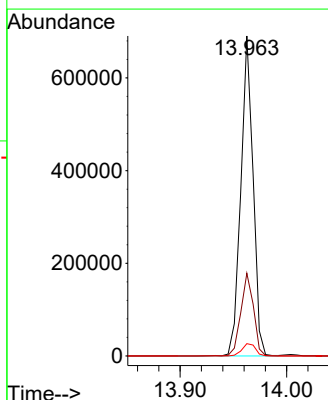
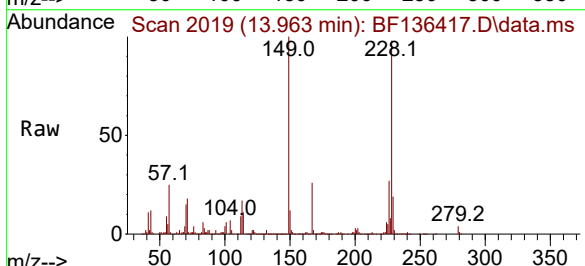
Tgt Ion:149 Resp: 553812

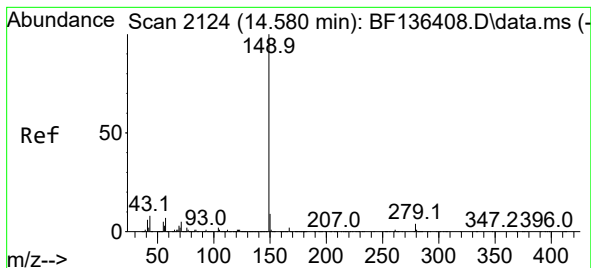
Ion Ratio Lower Upper

149 100

167 25.9 21.2 31.8

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 46.434 ng

RT: 14.580 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

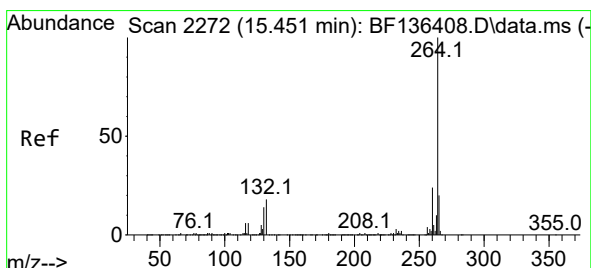
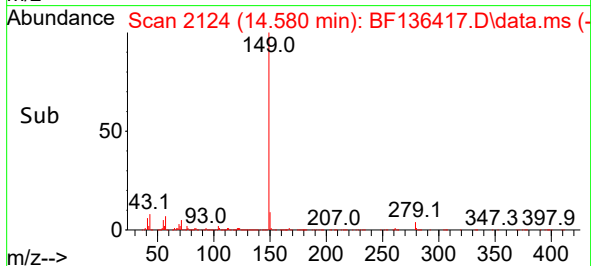
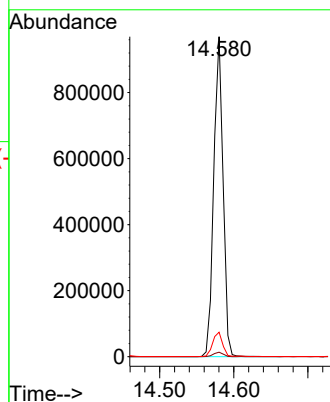
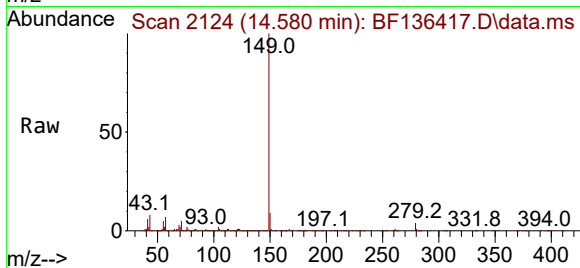
Tgt Ion:149 Resp: 844415

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.2 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

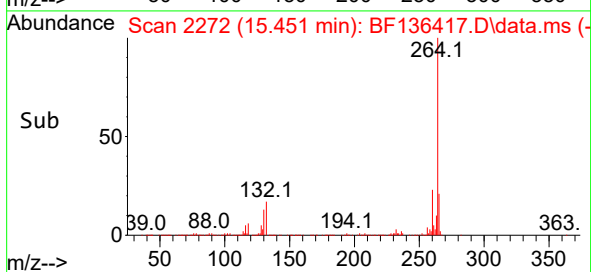
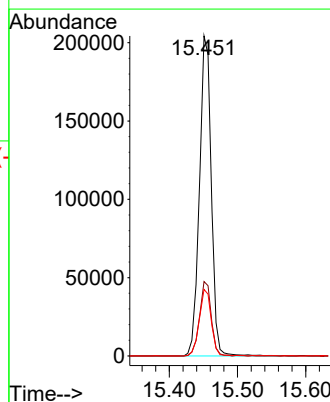
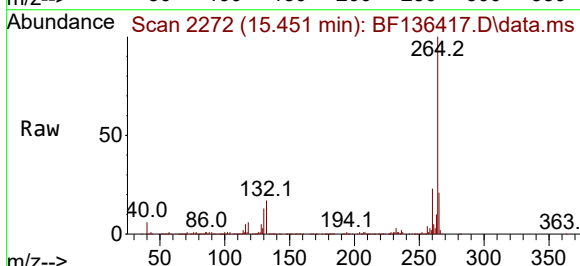
Tgt Ion:264 Resp: 246802

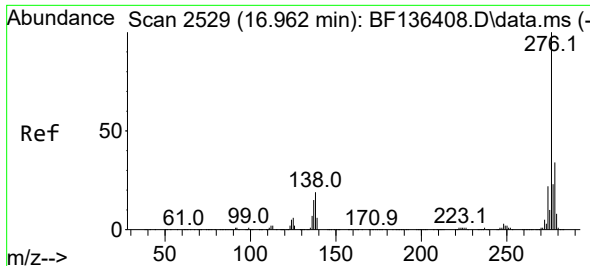
Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.8 15.9 23.9

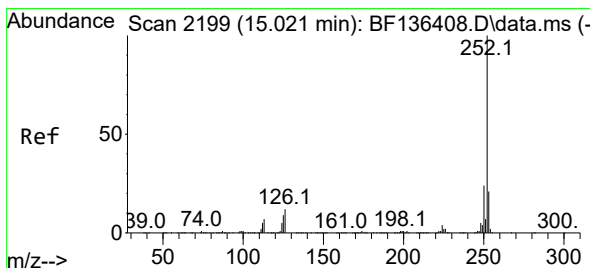
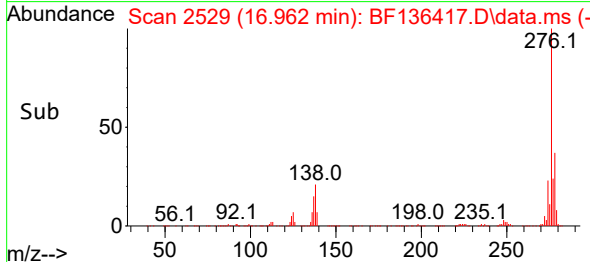
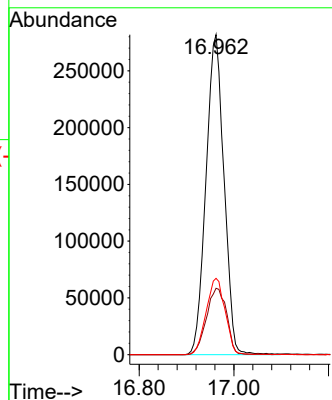
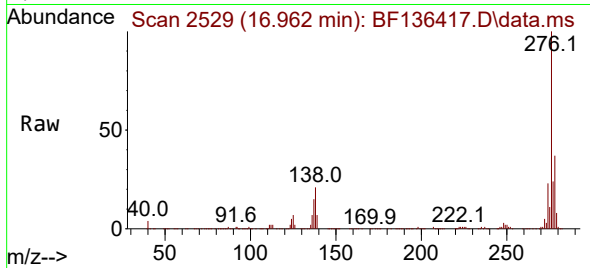




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.407 ng
 RT: 16.962 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF136417.D
 Acq: 05 Dec 2023 20:53

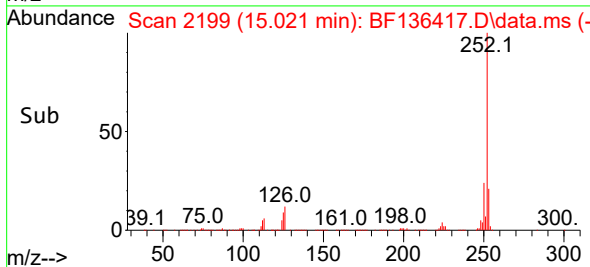
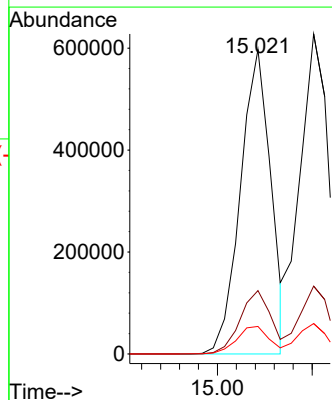
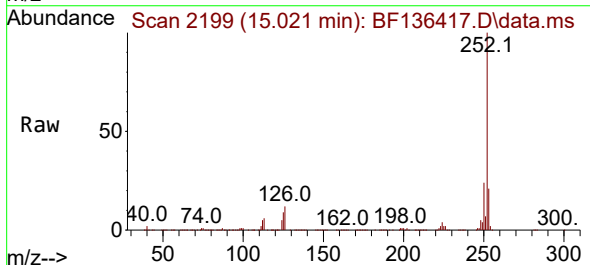
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

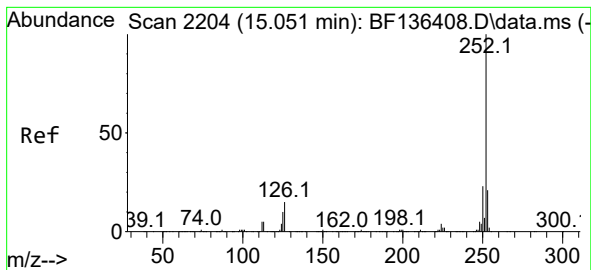
Tgt Ion:276 Resp: 744249
 Ion Ratio Lower Upper
 276 100
 138 23.4 19.0 28.4
 277 25.1 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 39.582 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF136417.D
 Acq: 05 Dec 2023 20:53

Tgt Ion:252 Resp: 667921
 Ion Ratio Lower Upper
 252 100
 253 20.8 16.9 25.3
 125 9.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.307 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

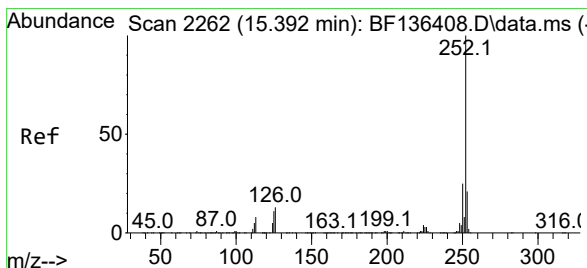
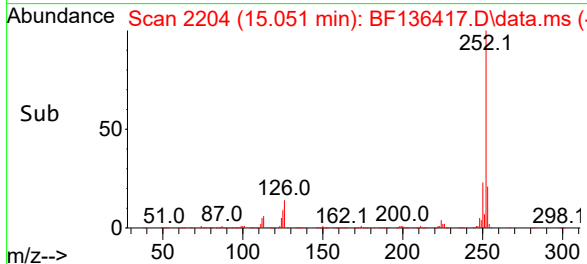
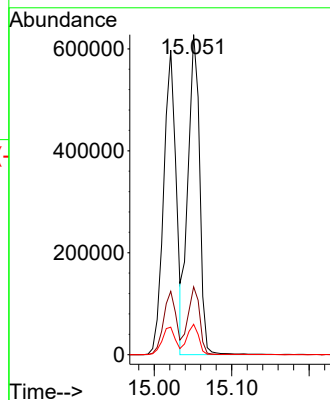
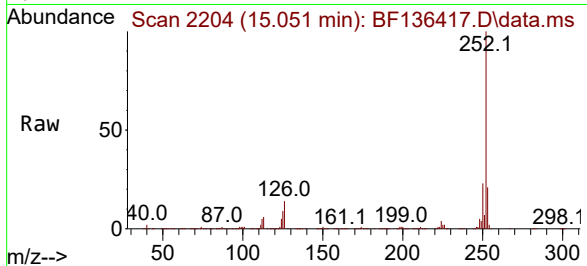
Tgt Ion:252 Resp: 656887

Ion Ratio Lower Upper

252 100

253 21.2 16.9 25.3

125 9.5 7.5 11.3



#90

Benzo(a)pyrene

Concen: 41.008 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

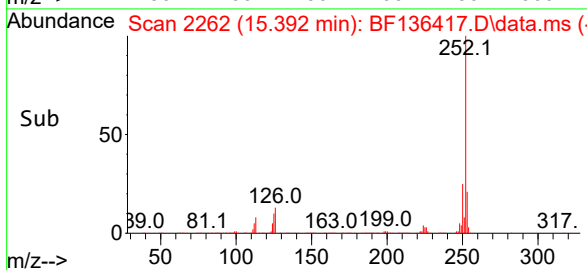
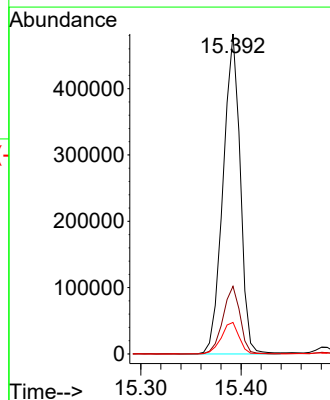
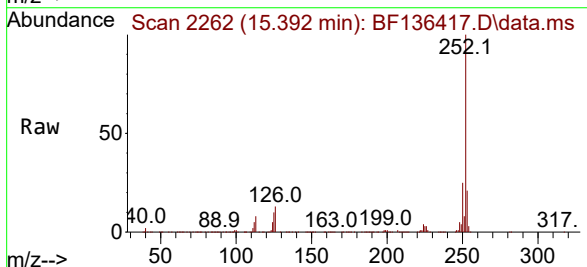
Tgt Ion:252 Resp: 571474

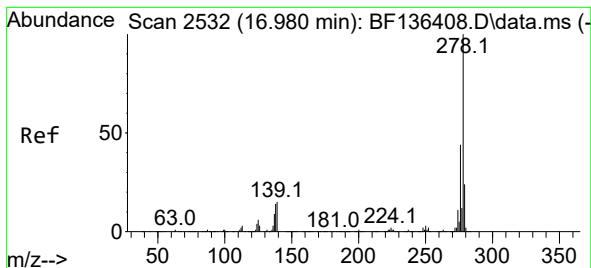
Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.4

125 9.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 42.923 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

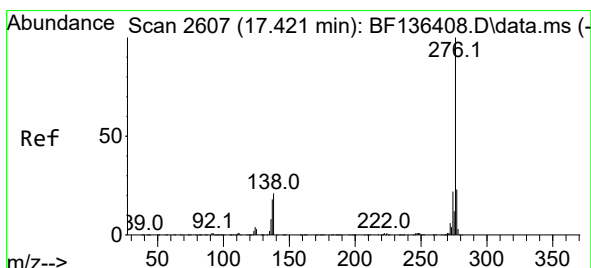
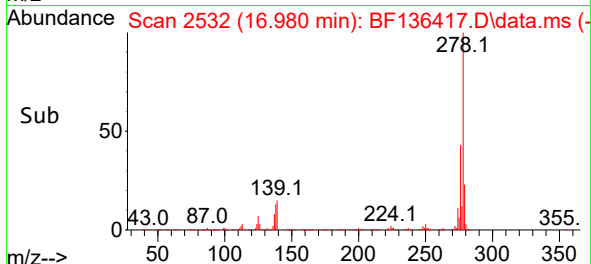
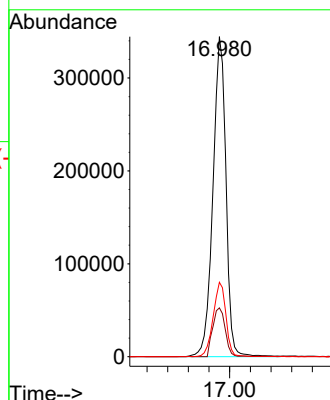
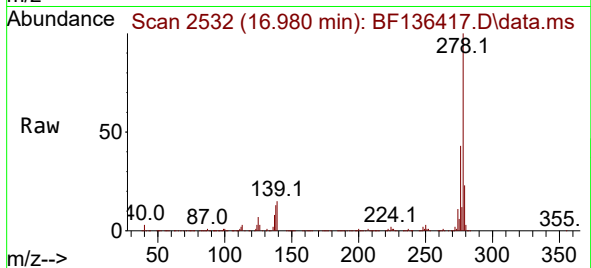
Tgt Ion:278 Resp: 602918

Ion Ratio Lower Upper

278 100

139 15.3 12.2 18.4

279 23.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 43.403 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.000 min

Lab File: BF136417.D

Acq: 05 Dec 2023 20:53

Tgt Ion:276 Resp: 625761

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 20.4 16.6 25.0

