

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136506.D
 Acq On : 11 Dec 2023 23:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 12 00:11:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	109025	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	389106	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	173189	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	296419	20.000	ng	0.00
76) Chrysene-d12	13.980	240	229045	20.000	ng	0.00
86) Perylene-d12	15.457	264	202962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	564797	76.506	ng	0.00
7) Phenol-d6	6.445	99	670981	72.848	ng	0.00
23) Nitrobenzene-d5	7.363	82	582688	80.956	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	148340	69.466	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1081127	85.179	ng	-0.01
79) Terphenyl-d14	12.921	244	1113868	64.098	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	116473	39.889	ng	99
3) Pyridine	3.322	79	312385	44.177	ng	96
4) n-Nitrosodimethylamine	3.293	42	121068	39.408	ng	98
6) Aniline	6.469	93	409562	43.999	ng	97
8) 2-Chlorophenol	6.587	128	303577	37.668	ng	99
9) Benzaldehyde	6.351	77	191252	41.422	ng	98
10) Phenol	6.457	94	359566	36.687	ng	90
11) bis(2-Chloroethyl)ether	6.539	93	273938	37.497	ng	97
12) 1,3-Dichlorobenzene	6.739	146	314244	34.671	ng	96
13) 1,4-Dichlorobenzene	6.816	146	319513	34.752	ng	100
14) 1,2-Dichlorobenzene	6.969	146	295749	34.207	ng	99
15) Benzyl Alcohol	6.939	79	232385	37.677	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	322487	34.322	ng	98
17) 2-Methylphenol	7.057	107	249785	38.363	ng	96
18) Hexachloroethane	7.304	117	97271	30.303	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	186935	35.183	ng	98
20) 3+4-Methylphenols	7.210	107	298779	36.969	ng	97
22) Acetophenone	7.210	105	387950	40.376	ng	# 97
24) Nitrobenzene	7.381	77	281031	38.813	ng	96
25) Isophorone	7.616	82	497414	38.466	ng	100
26) 2-Nitrophenol	7.692	139	116680	32.779	ng	95
27) 2,4-Dimethylphenol	7.734	122	226581	51.622	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	316196	39.793	ng	99
29) 2,4-Dichlorophenol	7.934	162	221058	38.156	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	251019	37.157	ng	98
31) Naphthalene	8.098	128	803230	37.433	ng	99
32) Benzoic acid	7.863	122	23409	5.376	ng	95
33) 4-Chloroaniline	8.151	127	331114	43.284	ng	98
34) Hexachlorobutadiene	8.210	225	147835	36.925	ng	98
35) Caprolactam	8.516	113	64334	36.059	ng	92
36) 4-Chloro-3-methylphenol	8.633	107	218553	35.529	ng	98
37) 2-Methylnaphthalene	8.786	142	516142	37.809	ng	94
38) 1-Methylnaphthalene	8.886	142	470903	35.154	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	230073	42.700	ng	99
41) Hexachlorocyclopentadiene	8.939	237	20338	10.189	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	134499	38.337	ng	99

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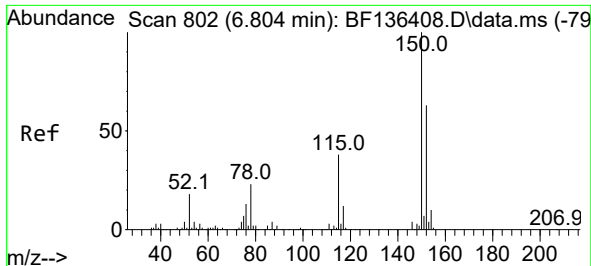
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	156783	40.040	ng	96
46) 1,1'-Biphenyl	9.251	154	611253	41.479	ng	98
47) 2-Chloronaphthalene	9.280	162	436328	38.041	ng	98
48) 2-Nitroaniline	9.375	65	132011	42.913	ng	95
49) Acenaphthylene	9.692	152	656093	40.155	ng	99
50) Dimethylphthalate	9.557	163	536147	42.048	ng	99
51) 2,6-Dinitrotoluene	9.622	165	108247	37.735	ng	90
52) Acenaphthene	9.869	154	402763	38.467	ng	95
53) 3-Nitroaniline	9.792	138	131956	45.047	ng	97
55) Dibenzofuran	10.039	168	599015	39.162	ng	98
56) 4-Nitrophenol	9.957	139	75464	34.365	ng	90
57) 2,4-Dinitrotoluene	10.022	165	129904	34.232	ng	98
58) Fluorene	10.380	166	461238	37.565	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	108138	34.477	ng	100
60) Diethylphthalate	10.257	149	493255	39.340	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	229236	38.298	ng	96
62) 4-Nitroaniline	10.404	138	127009	43.666	ng	95
63) Azobenzene	10.533	77	417690	36.600	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	6965	3.794	ng	91
66) n-Nitrosodiphenylamine	10.492	169	407555	42.849	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	138117	40.076	ng	98
68) Hexachlorobenzene	10.927	284	144298	36.227	ng	99
69) Atrazine	11.027	200	103663	38.185	ng	98
70) Pentachlorophenol	11.127	266	73266	32.591	ng	98
71) Phenanthrene	11.345	178	644055	39.531	ng	99
72) Anthracene	11.398	178	666267	40.601	ng	98
73) Carbazole	11.557	167	576987	39.726	ng	99
74) Di-n-butylphthalate	11.892	149	715527	40.186	ng	99
75) Fluoranthene	12.539	202	684192	40.073	ng	98
77) Benzidine	12.668	184	163182	34.445	ng	99
78) Pyrene	12.768	202	702665	31.325	ng	99
80) Butylbenzylphthalate	13.398	149	295915	37.057	ng	95
81) Benzo(a)anthracene	13.968	228	621510	38.955	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	231076	51.657	ng	99
83) Chrysene	14.004	228	620004	39.498	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	404861	41.358	ng	100
85) Di-n-octyl phthalate	14.580	149	711020	49.173	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	458884	32.544	ng	99
88) Benzo(b)fluoranthene	15.021	252	541916	39.051	ng	99
89) Benzo(k)fluoranthene	15.051	252	493950	37.770	ng	100
90) Benzo(a)pyrene	15.392	252	471852	41.173	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	386165	33.430	ng	99
92) Benzo(g,h,i)perylene	17.415	276	361266	30.470	ng	98

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

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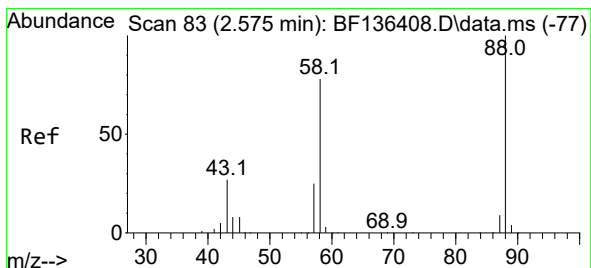
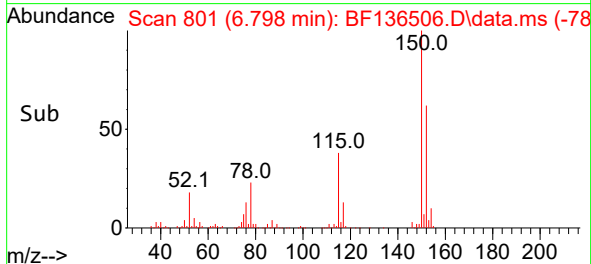
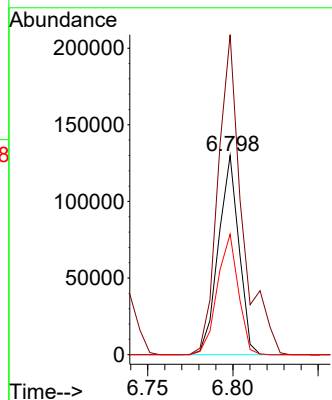
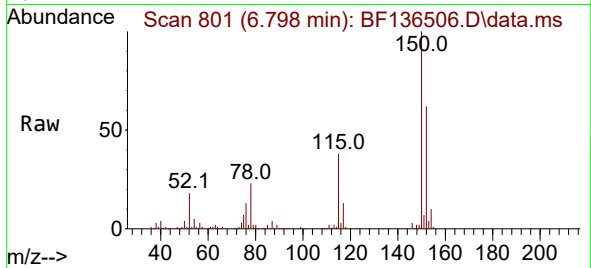




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

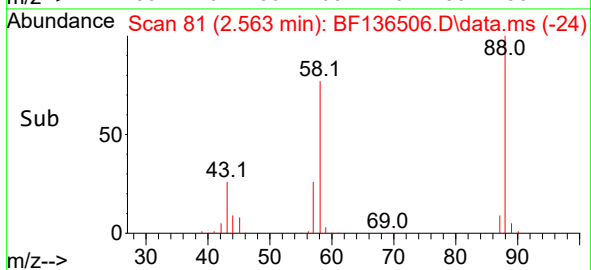
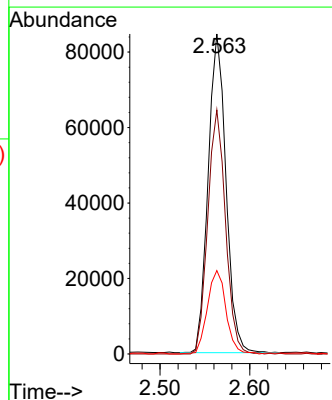
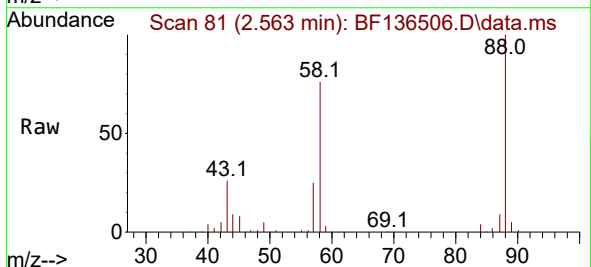
Instrument :
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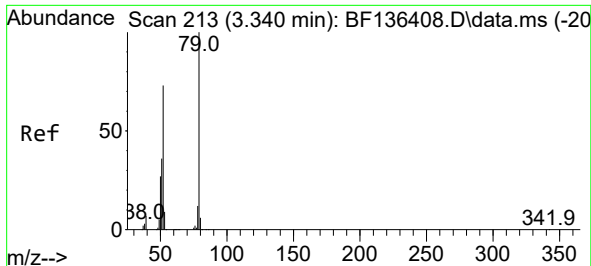
Tgt Ion:152 Resp: 109025
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.4 189.6
 115 60.4 48.2 72.4



#2
 1,4-Dioxane
 Concen: 39.889 ng
 RT: 2.563 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

Tgt Ion: 88 Resp: 116473
 Ion Ratio Lower Upper
 88 100
 58 76.3 62.2 93.2
 43 27.5 21.5 32.3

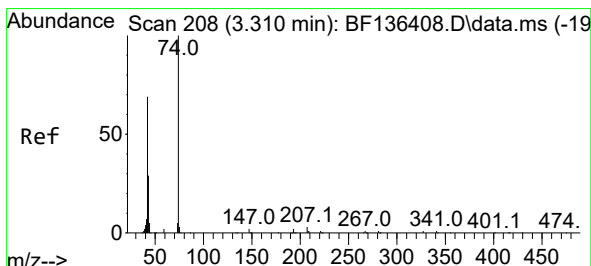
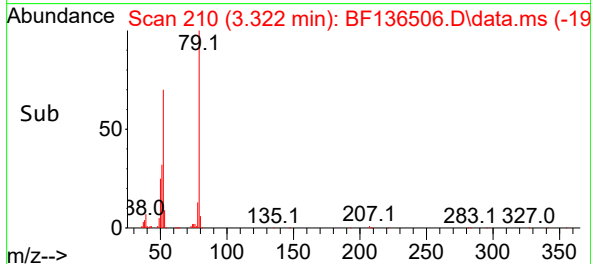
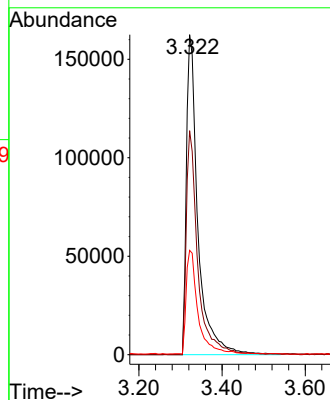
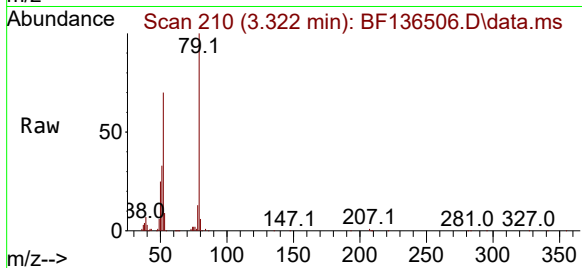




#3
Pyridine
Concen: 44.177 ng
RT: 3.322 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

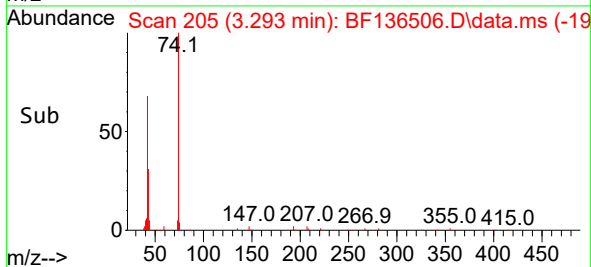
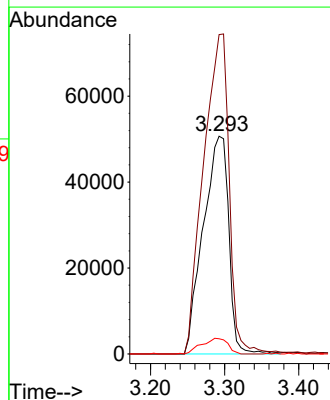
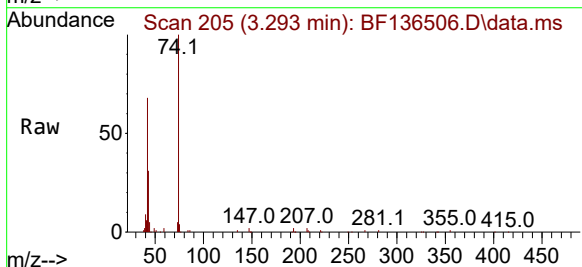
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ClientSampleId :
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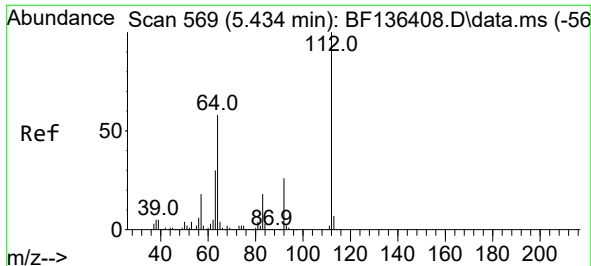
Tgt Ion: 79 Resp: 312385
Ion Ratio Lower Upper
79 100
52 70.0 58.2 87.2
51 32.6 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 39.408 ng
RT: 3.293 min Scan# 205
Delta R.T. -0.018 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion: 42 Resp: 121068
Ion Ratio Lower Upper
42 100
74 146.6 115.4 173.0
44 7.0 6.2 9.2

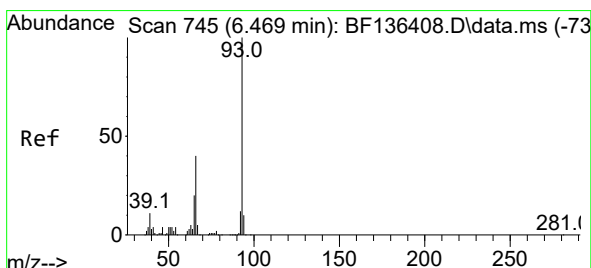
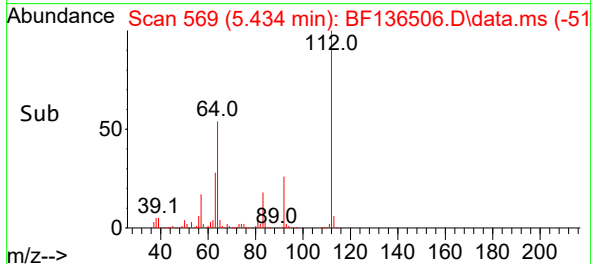
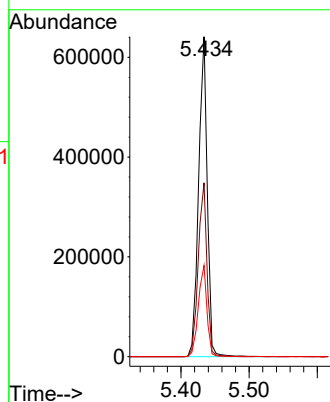
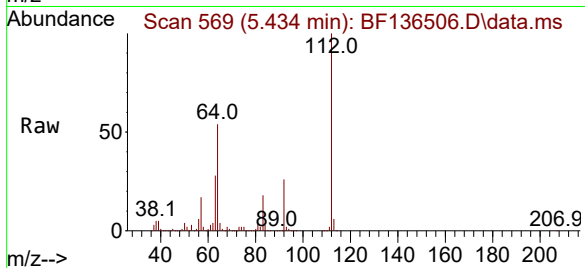




#5
2-Fluorophenol
Concen: 76.506 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

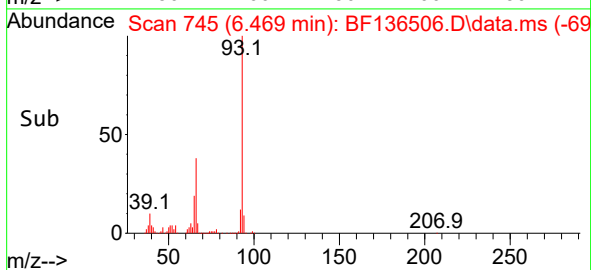
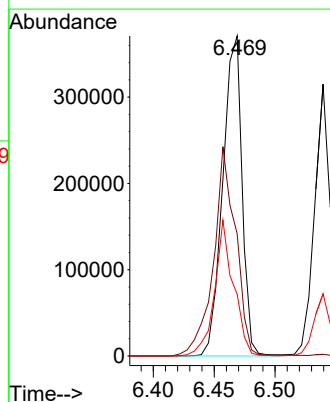
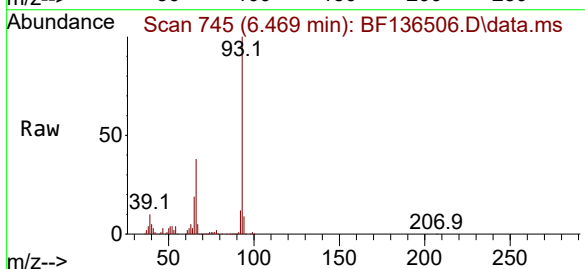
Instrument :
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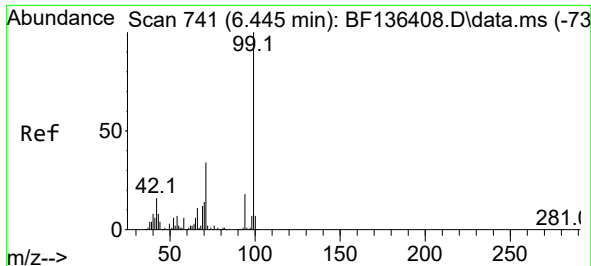
Tgt Ion:112 Resp: 564797
Ion Ratio Lower Upper
112 100
64 54.4 46.5 69.7
63 28.5 23.9 35.9



#6
Aniline
Concen: 43.999 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion: 93 Resp: 409562
Ion Ratio Lower Upper
93 100
66 38.2 32.5 48.7
65 19.3 16.4 24.6

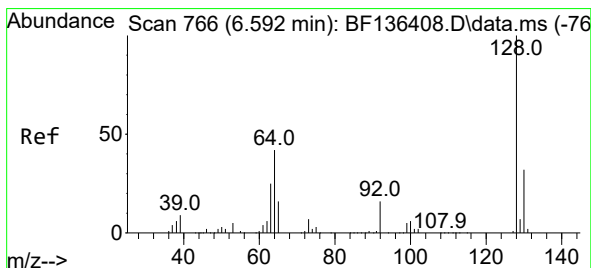
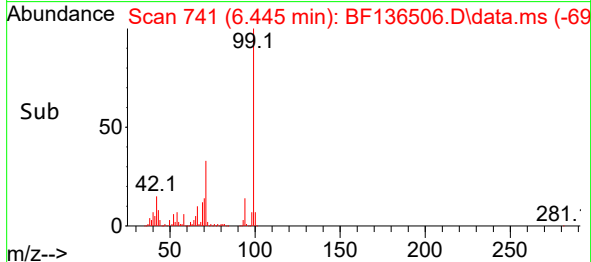
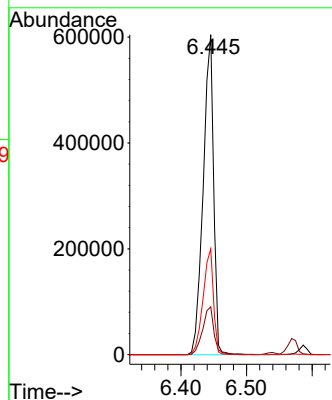
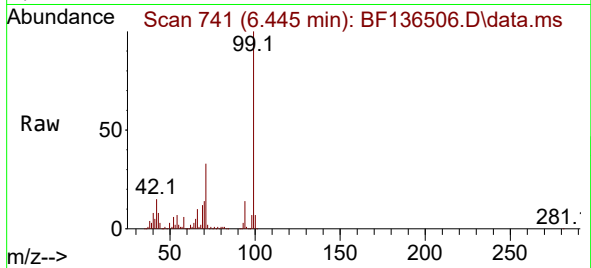




#7
Phenol-d6
Concen: 72.848 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

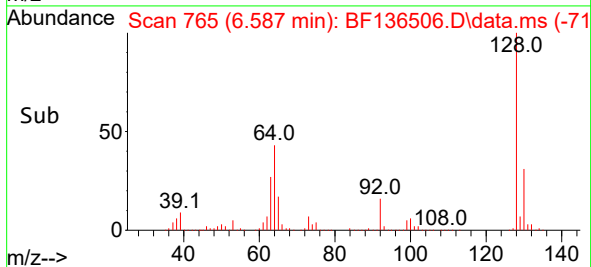
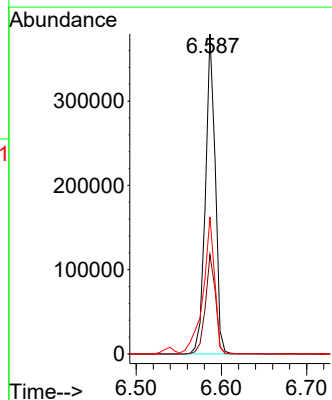
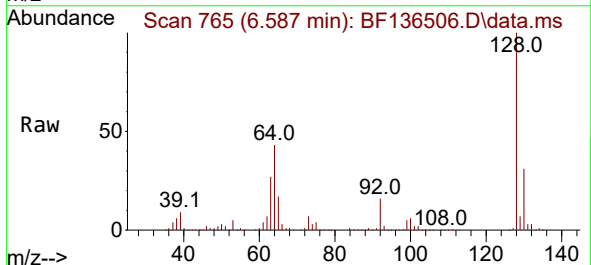
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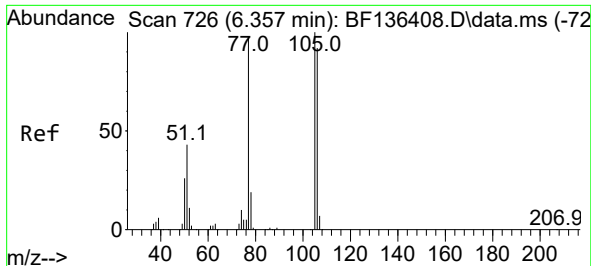
Tgt Ion: 99 Resp: 670981
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 33.1 27.0 40.4



#8
2-Chlorophenol
Concen: 37.668 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:128 Resp: 303577
Ion Ratio Lower Upper
128 100
130 31.1 11.7 51.7
64 42.8 22.5 62.5

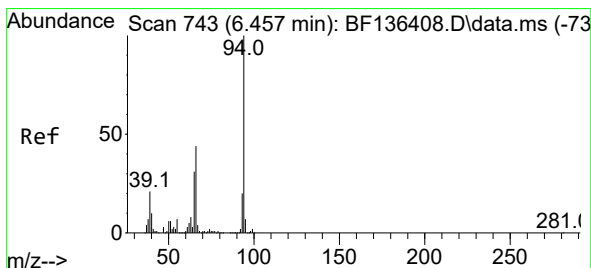
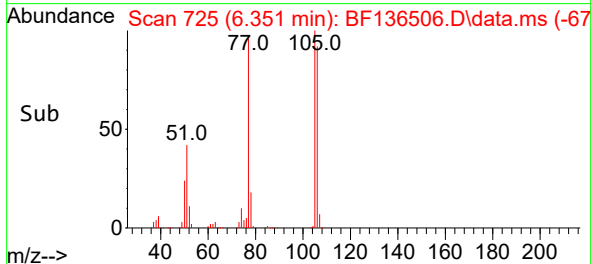
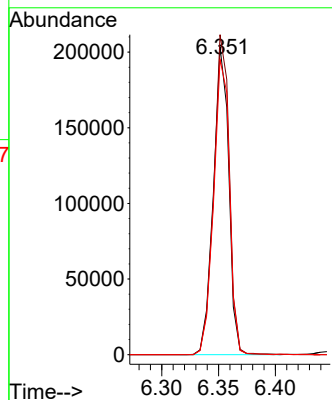
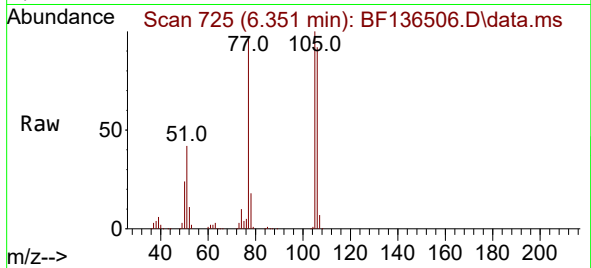




#9
Benzaldehyde
Concen: 41.422 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

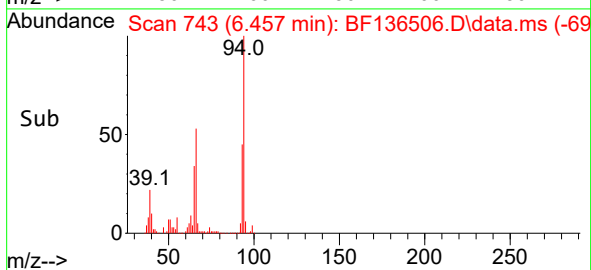
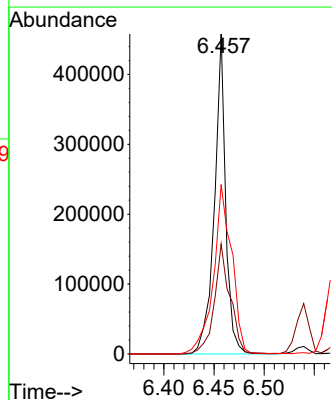
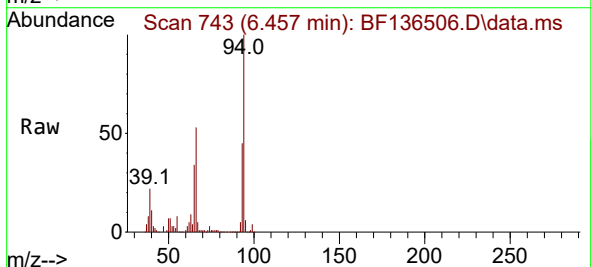
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ClientSampleId :
SSTDCCC040EC

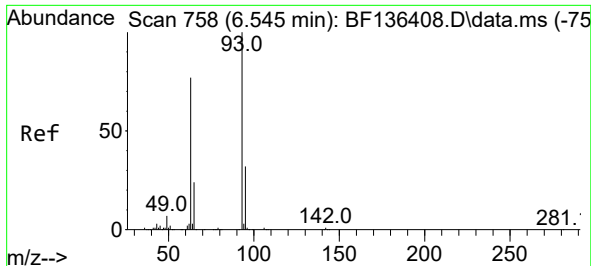
Tgt Ion: 77 Resp: 191252
Ion Ratio Lower Upper
77 100
105 104.0 82.5 122.5
106 96.0 74.5 114.5



#10
Phenol
Concen: 36.687 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion: 94 Resp: 359566
Ion Ratio Lower Upper
94 100
65 34.4 11.2 51.2
66 53.0 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 37.497 ng

RT: 6.539 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

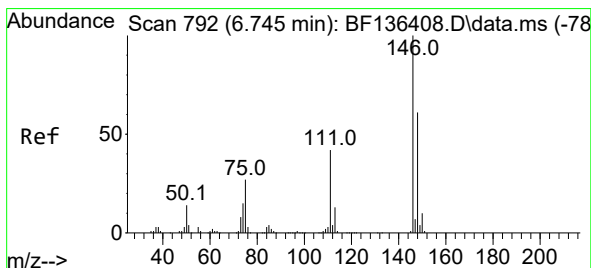
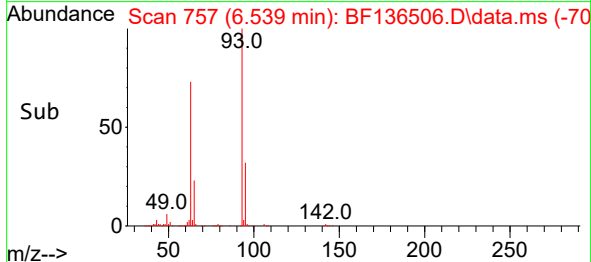
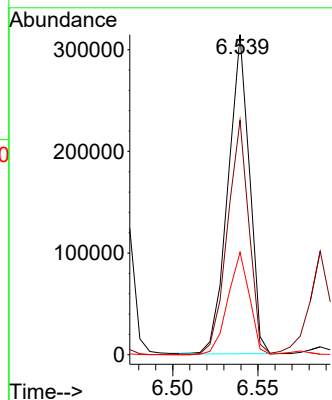
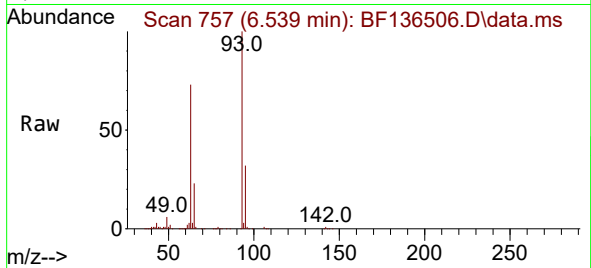
Tgt Ion: 93 Resp: 273938

Ion Ratio Lower Upper

93 100

63 73.2 56.8 96.8

95 32.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.671 ng

RT: 6.739 min Scan# 791

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

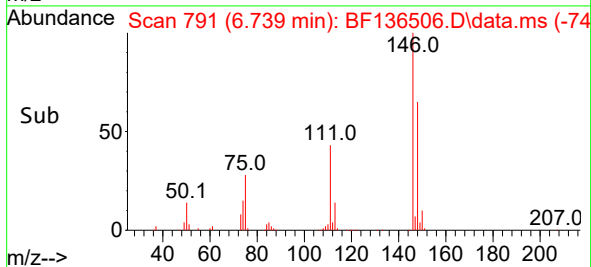
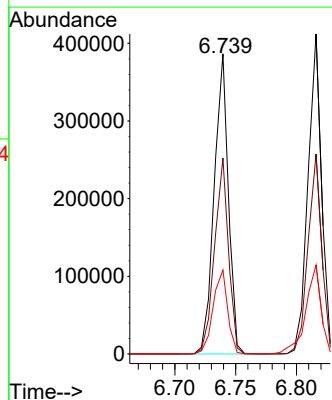
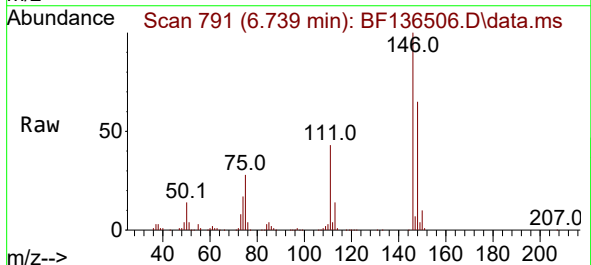
Tgt Ion:146 Resp: 314244

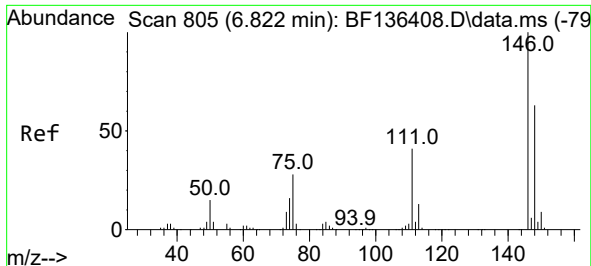
Ion Ratio Lower Upper

146 100

148 65.3 49.0 73.6

75 28.0 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 34.752 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

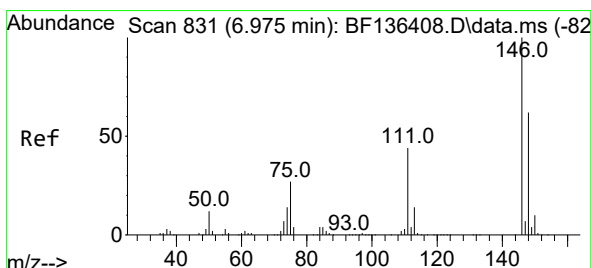
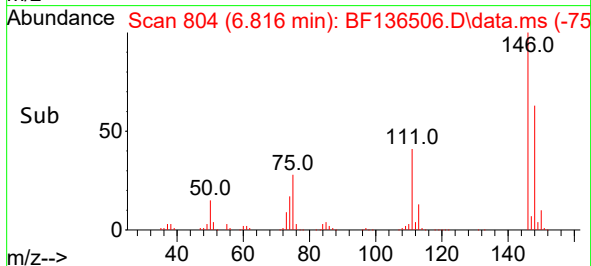
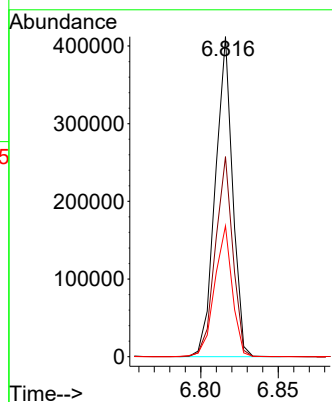
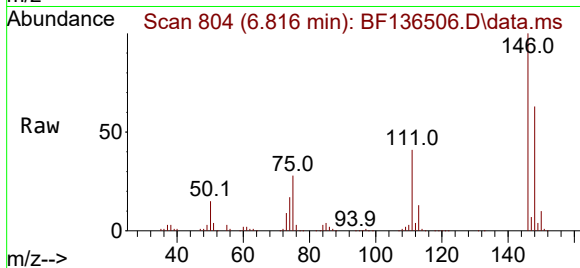
Tgt Ion:146 Resp: 319513

Ion Ratio Lower Upper

146 100

148 62.5 50.3 75.5

111 40.8 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 34.207 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

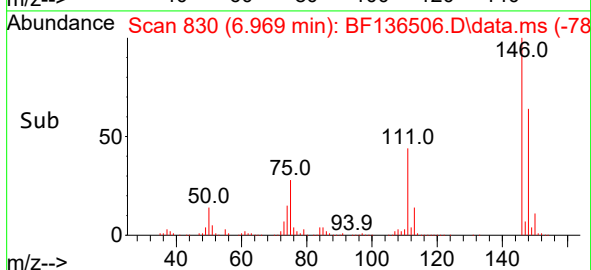
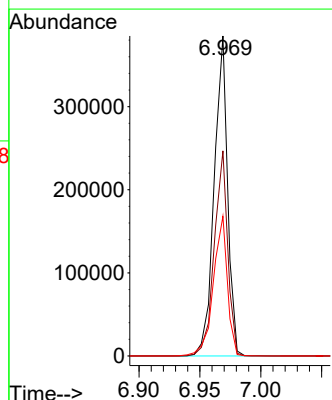
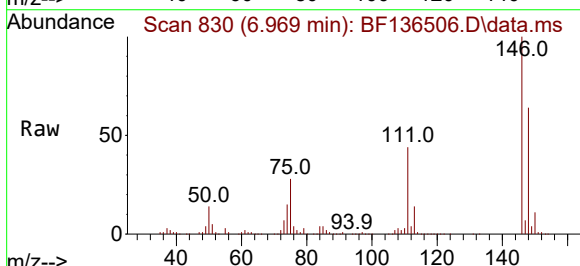
Tgt Ion:146 Resp: 295749

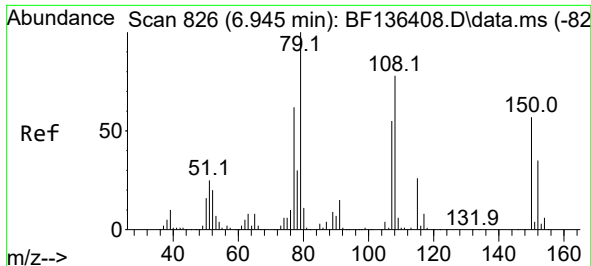
Ion Ratio Lower Upper

146 100

148 64.1 49.8 74.6

111 43.6 34.9 52.3

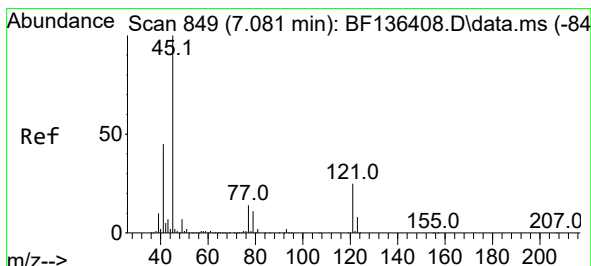
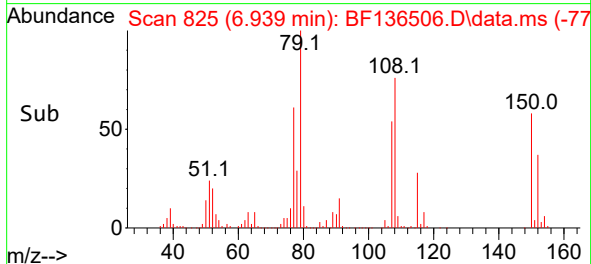
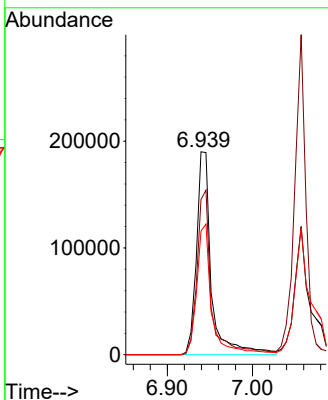
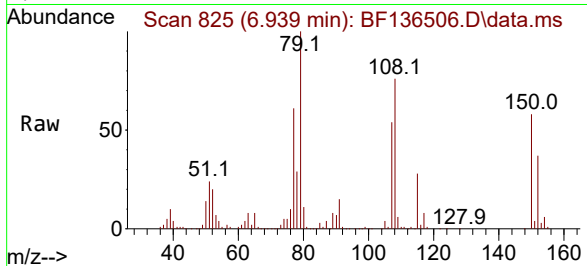




#15
Benzyl Alcohol
Concen: 37.677 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

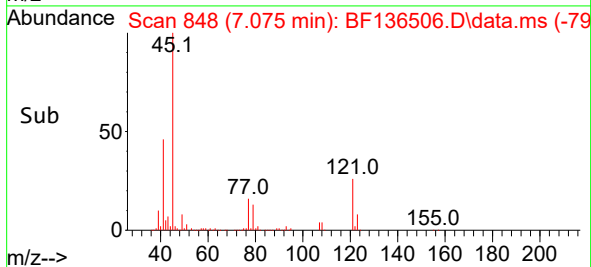
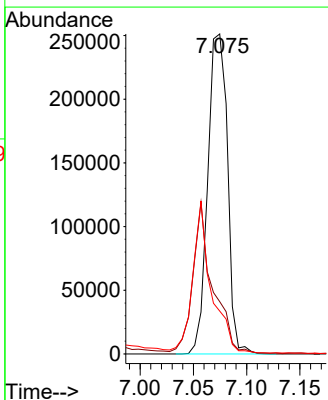
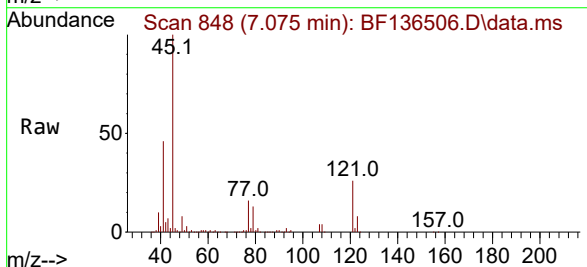
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

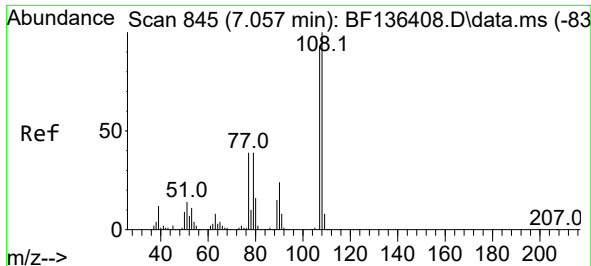
Tgt Ion: 79 Resp: 232385
Ion Ratio Lower Upper
79 100
108 76.5 62.3 93.5
77 60.9 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.322 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion: 45 Resp: 322487
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.3
79 13.4 0.0 32.5

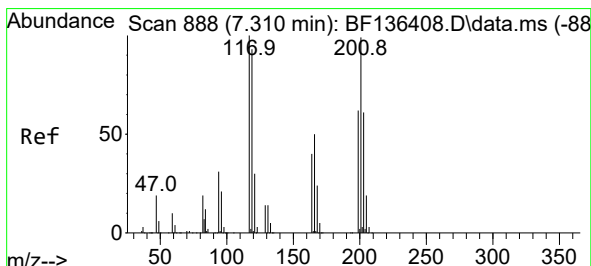
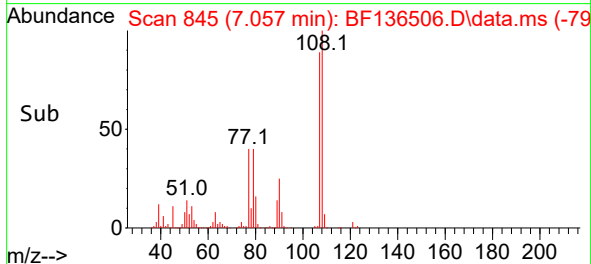
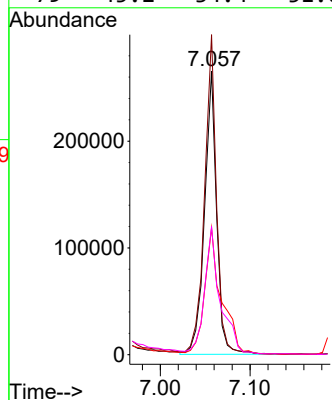
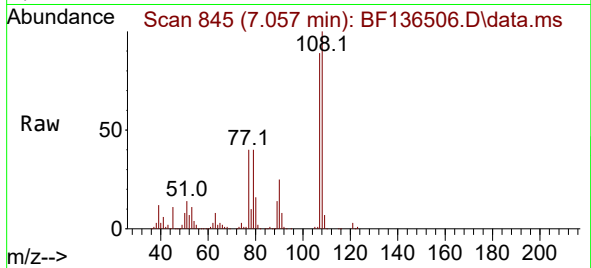




#17
2-Methylphenol
Concen: 38.363 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

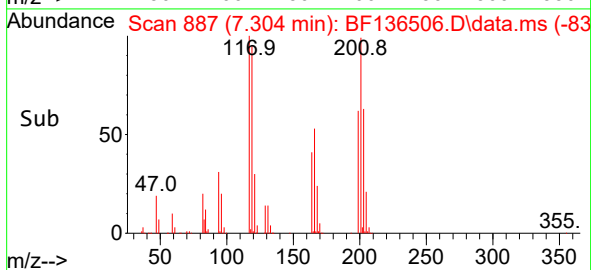
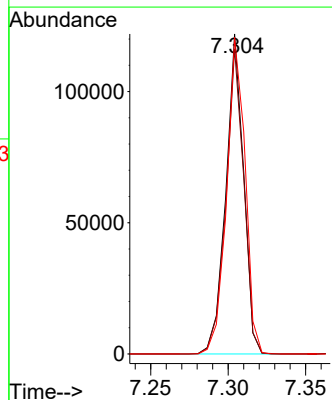
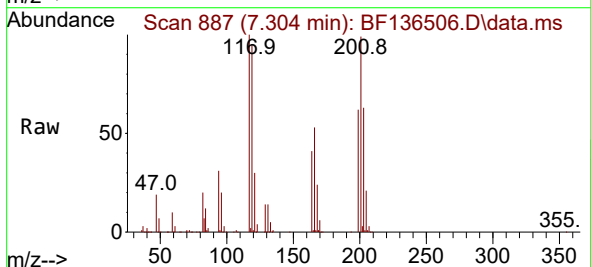
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

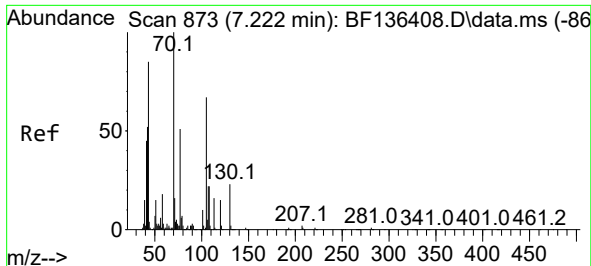
Tgt Ion:	107	Resp:	249785
Ion	Ratio	Lower	Upper
107	100		
108	112.8	86.5	129.7
77	44.8	33.8	50.8
79	45.2	34.4	51.6



#18
Hexachloroethane
Concen: 30.303 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:	117	Resp:	97271
Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.3	111.5
201	98.9	79.3	118.9

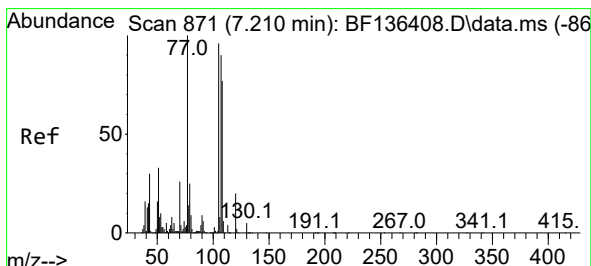
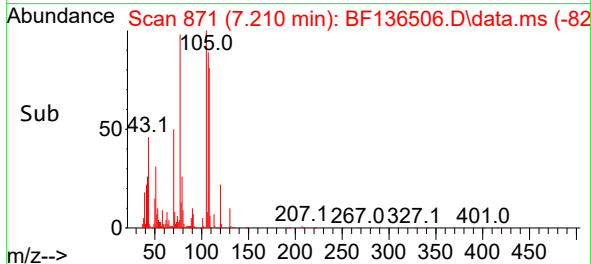
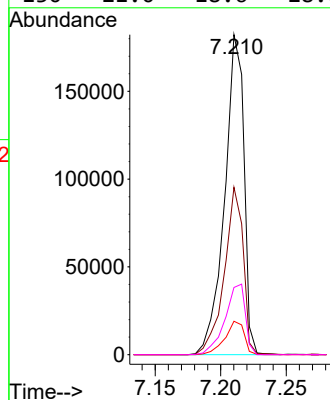
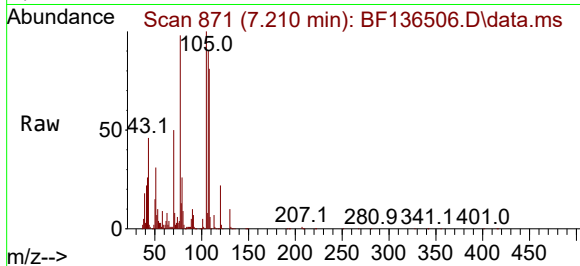




#19
n-Nitroso-di-n-propylamine
Concen: 35.183 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

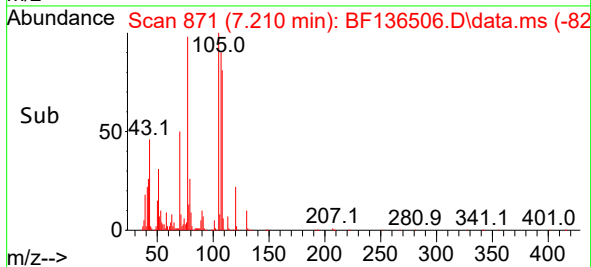
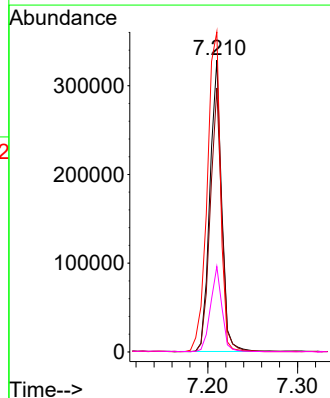
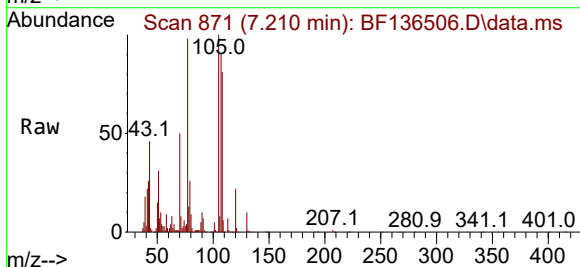
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

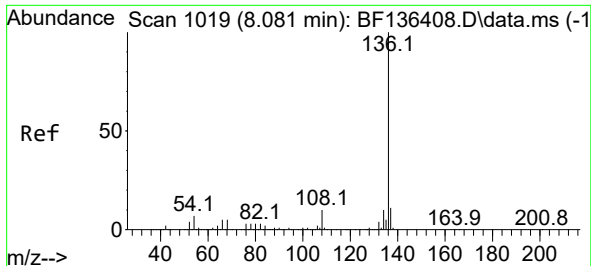
Tgt Ion: 70 Resp: 186935
Ion Ratio Lower Upper
70 100
42 52.3 41.4 62.0
101 10.5 8.2 12.4
130 21.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 36.969 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion: 107 Resp: 298779
Ion Ratio Lower Upper
107 100
108 90.5 65.9 105.9
77 109.7 91.7 131.7
79 29.3 7.5 47.5

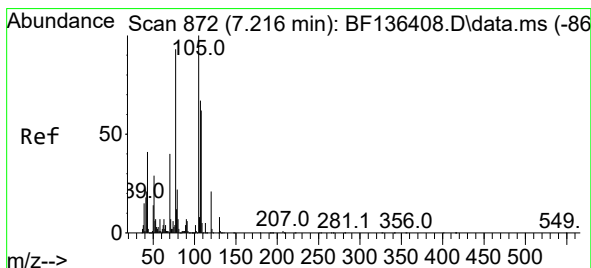
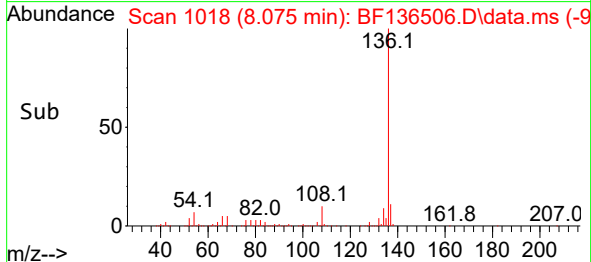
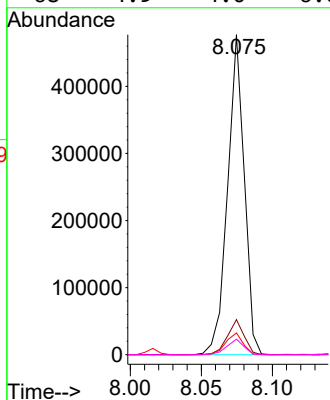
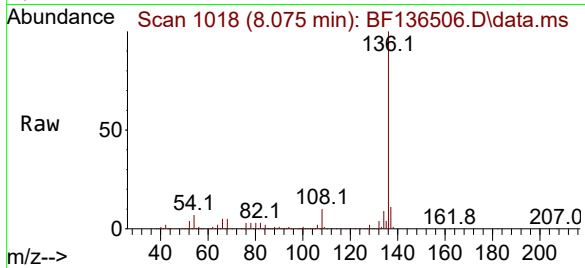




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

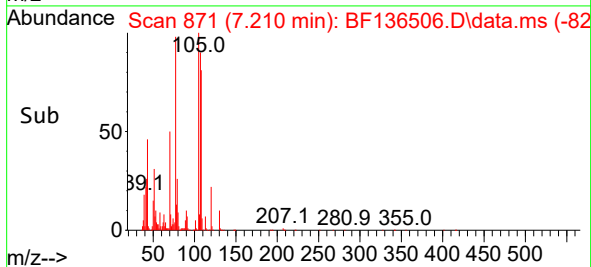
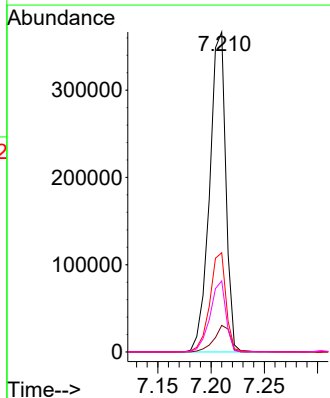
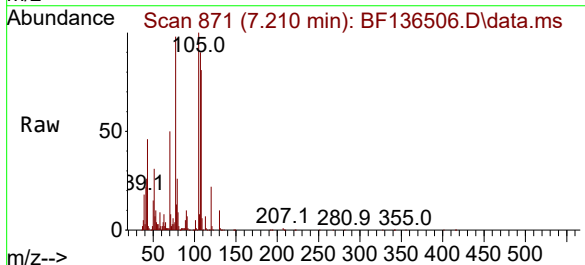
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

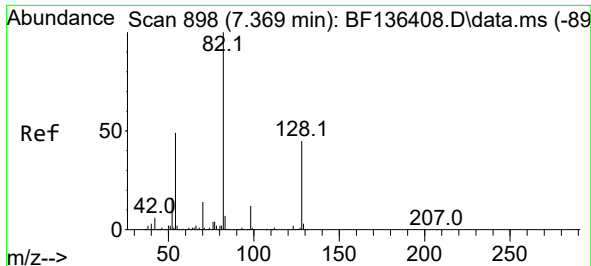
Tgt Ion:136 Resp: 389106
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 5.7 8.5
68 4.9 4.0 6.0



#22
Acetophenone
Concen: 40.376 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:105 Resp: 387950
Ion Ratio Lower Upper
105 100
71 8.3 5.4 8.0#
51 31.0 23.4 35.2
120 22.2 16.6 24.8





#23

Nitrobenzene-d5

Concen: 80.956 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

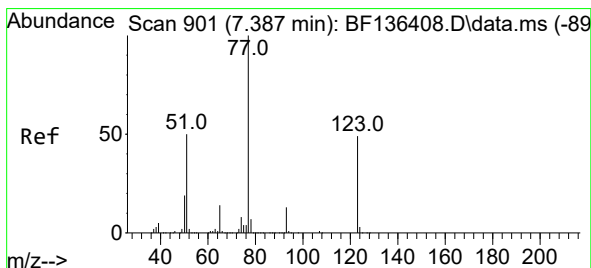
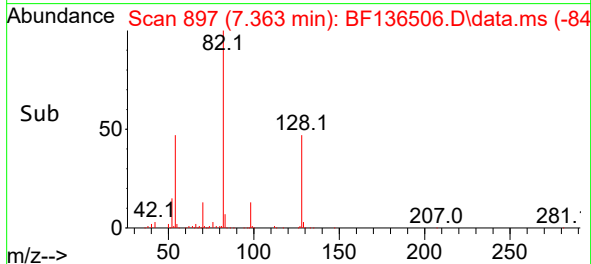
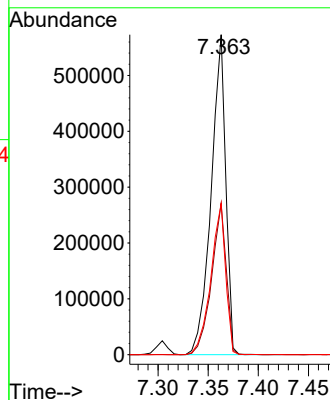
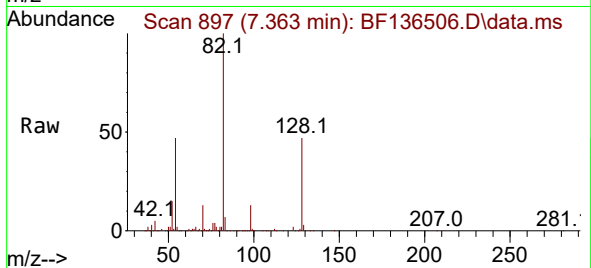
Tgt Ion: 82 Resp: 582688

Ion Ratio Lower Upper

82 100

128 47.3 36.3 54.5

54 47.3 39.0 58.6



#24

Nitrobenzene

Concen: 38.813 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

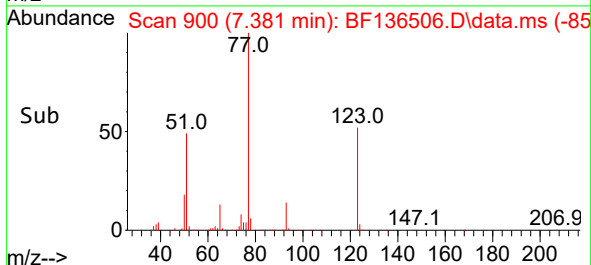
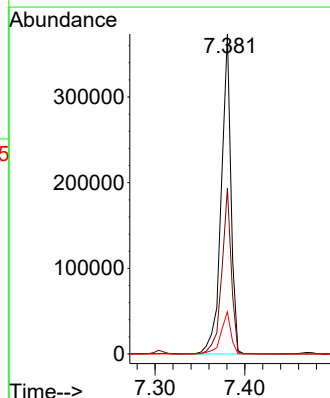
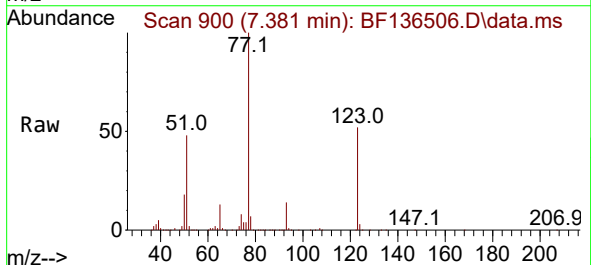
Tgt Ion: 77 Resp: 281031

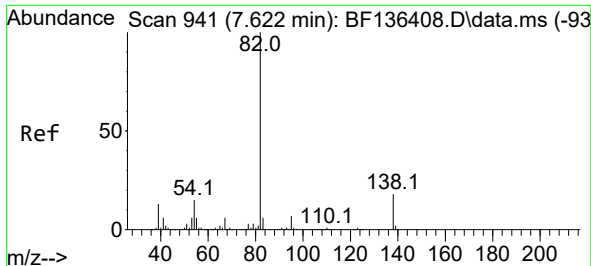
Ion Ratio Lower Upper

77 100

123 51.8 39.0 58.6

65 13.1 11.3 16.9





#25

Isophorone

Concen: 38.466 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

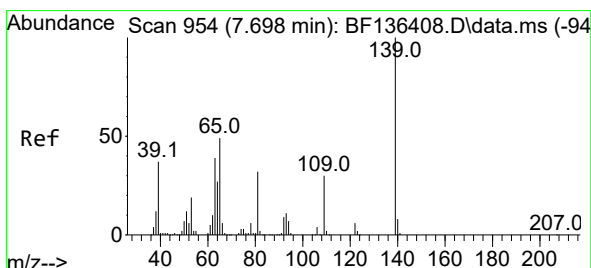
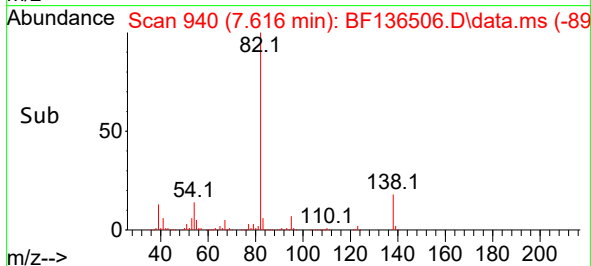
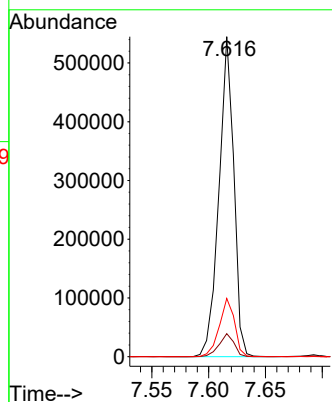
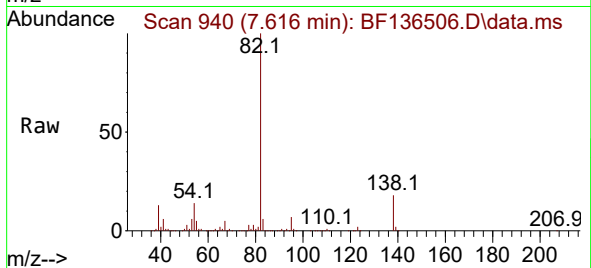
Tgt Ion: 82 Resp: 497414

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 18.2 14.5 21.7



#26

2-Nitrophenol

Concen: 32.779 ng

RT: 7.692 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

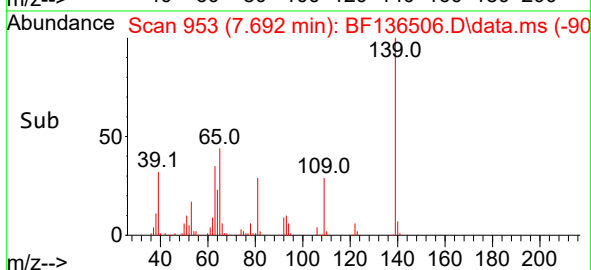
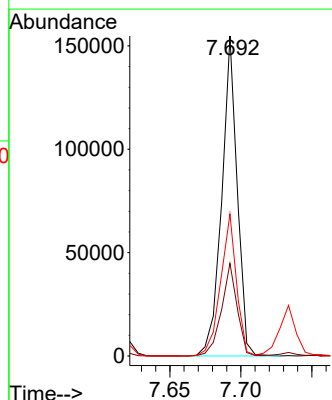
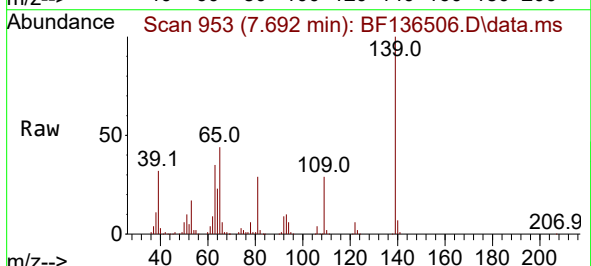
Tgt Ion:139 Resp: 116680

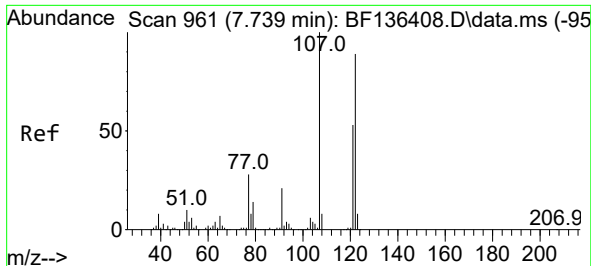
Ion Ratio Lower Upper

139 100

109 29.0 23.6 35.4

65 44.4 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 51.622 ng

RT: 7.734 min Scan# 9

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

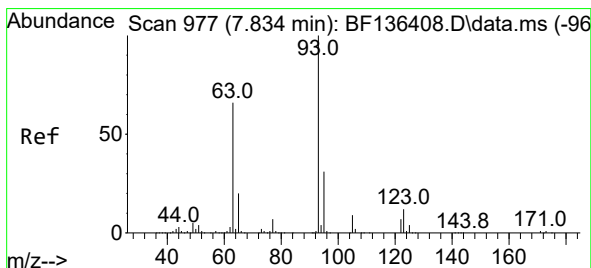
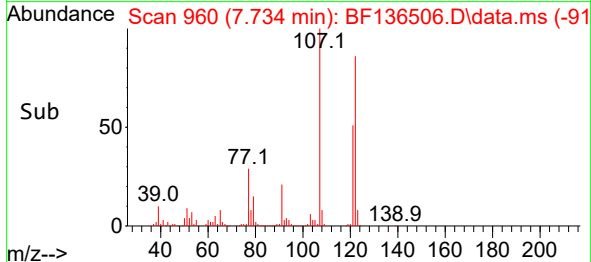
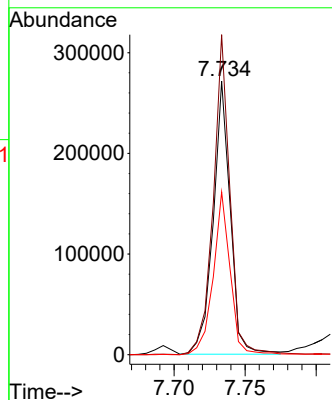
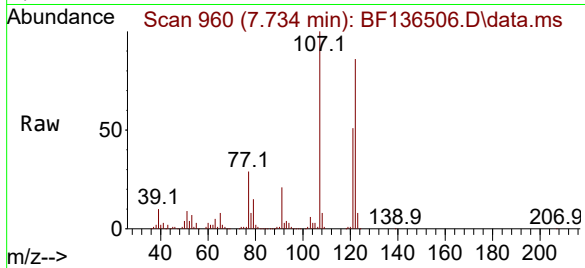
Tgt Ion:122 Resp: 226581

Ion Ratio Lower Upper

122 100

107 117.0 89.3 133.9

121 59.5 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.793 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

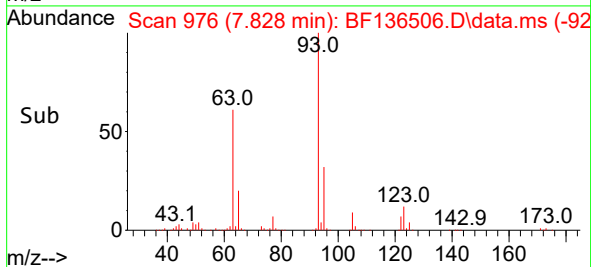
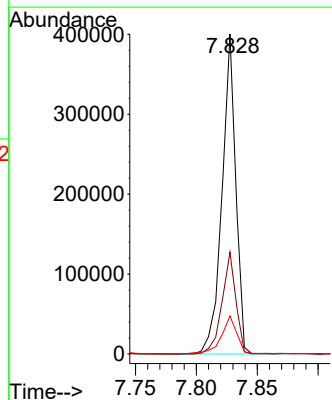
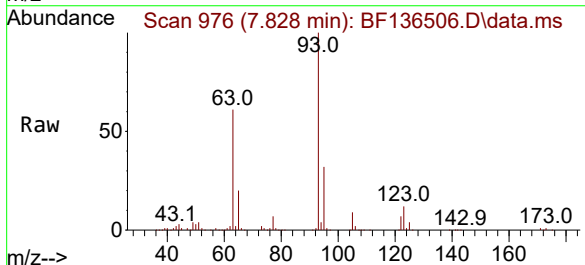
Tgt Ion: 93 Resp: 316196

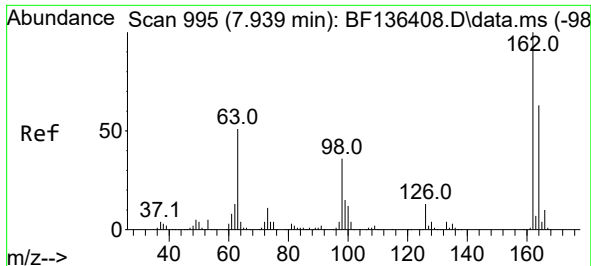
Ion Ratio Lower Upper

93 100

95 31.8 25.0 37.4

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 38.156 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

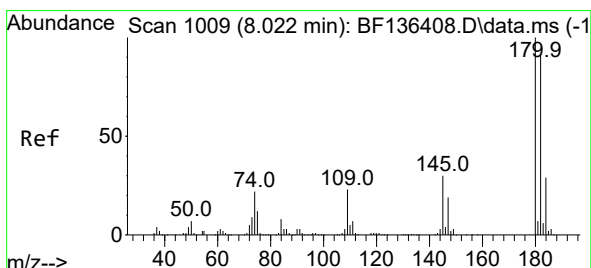
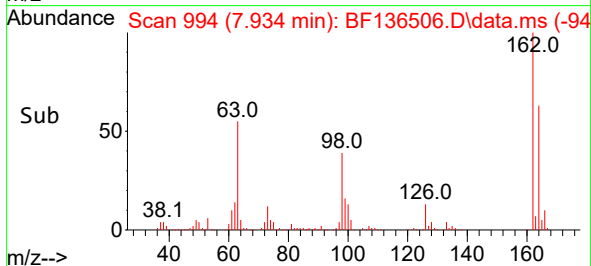
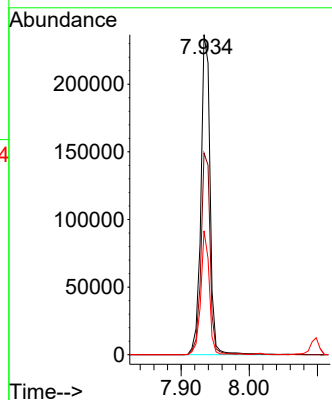
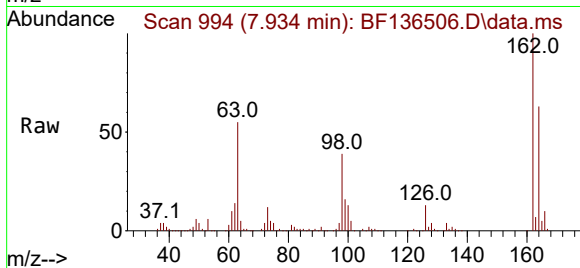
Tgt Ion:162 Resp: 221058

Ion Ratio Lower Upper

162 100

164 63.0 43.0 83.0

98 38.7 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 37.157 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

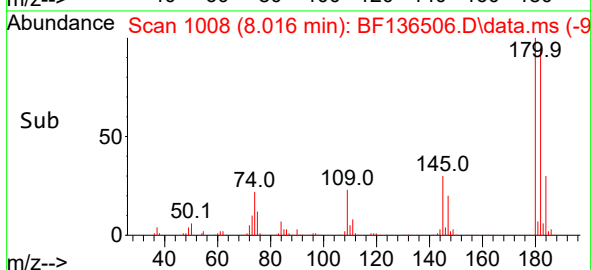
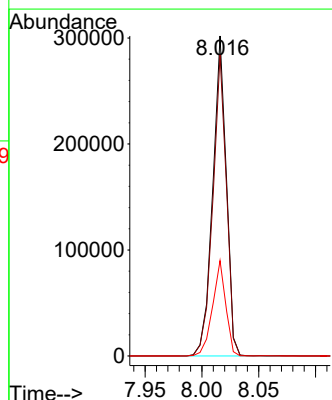
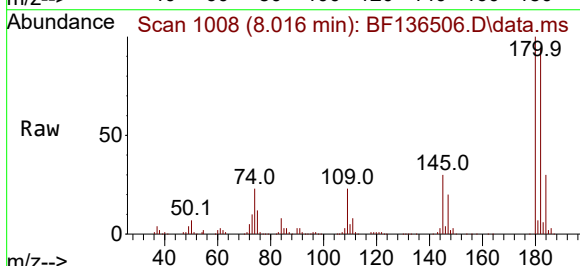
Tgt Ion:180 Resp: 251019

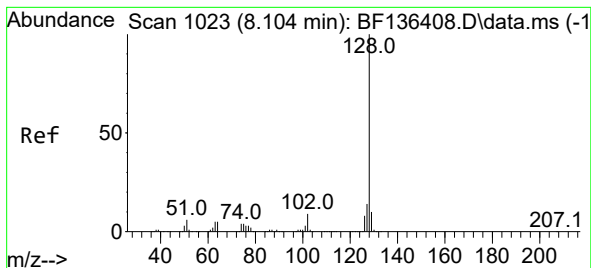
Ion Ratio Lower Upper

180 100

182 94.1 73.1 109.7

145 29.8 23.8 35.8





#31

Naphthalene

Concen: 37.433 ng

RT: 8.098 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

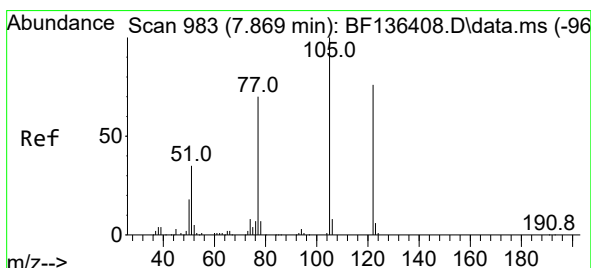
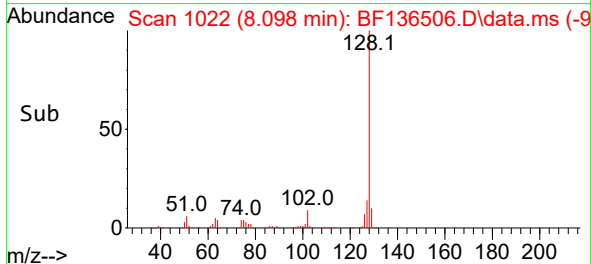
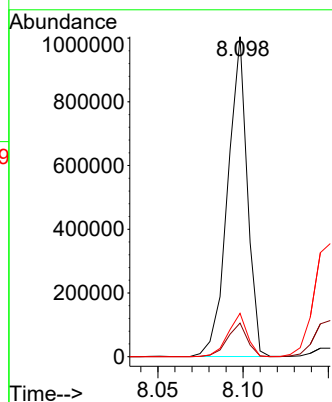
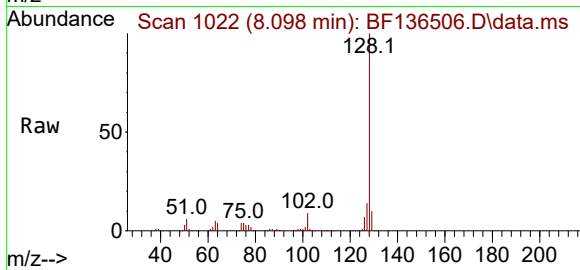
Tgt Ion:128 Resp: 803230

Ion Ratio Lower Upper

128 100

129 10.5 8.3 12.5

127 13.6 11.1 16.7



#32

Benzoic acid

Concen: 5.376 ng

RT: 7.863 min Scan# 982

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

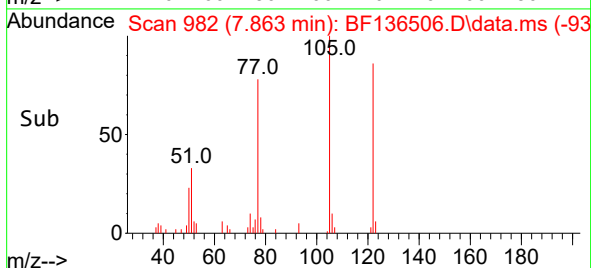
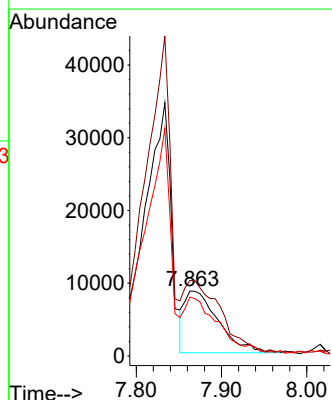
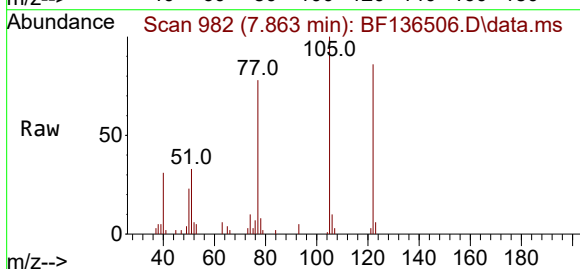
Tgt Ion:122 Resp: 23409

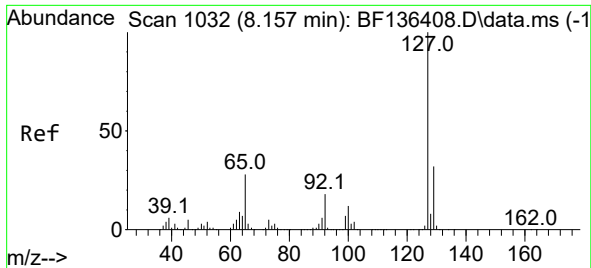
Ion Ratio Lower Upper

122 100

105 116.3 104.7 144.7

77 90.6 68.5 108.5



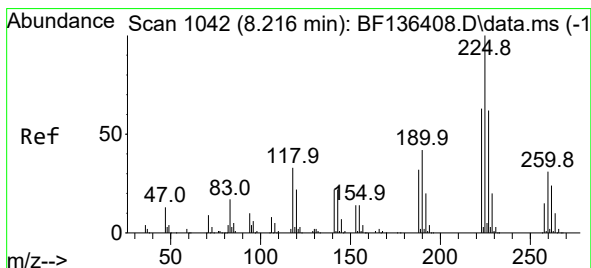
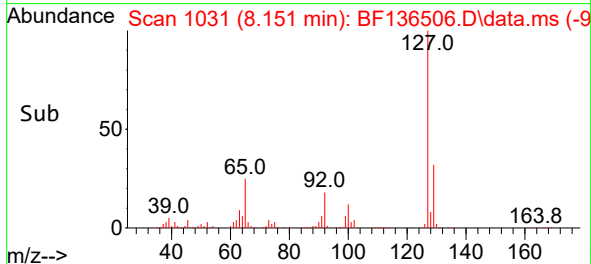
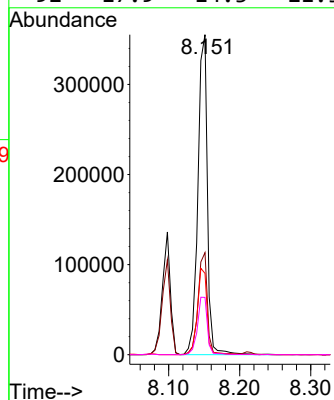
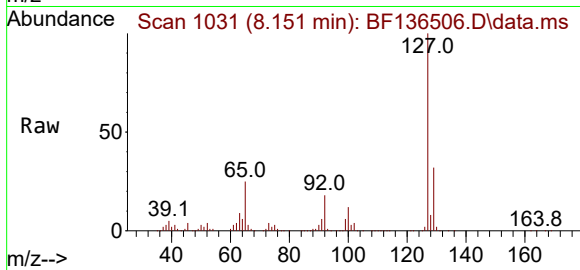


#33
4-Chloroaniline
Concen: 43.284 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 331114

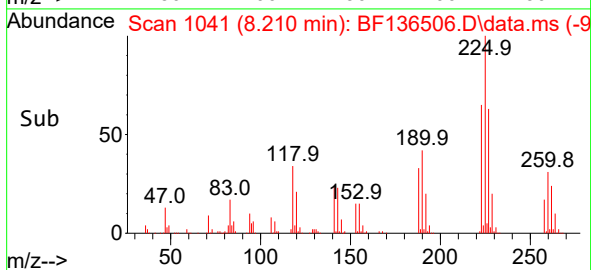
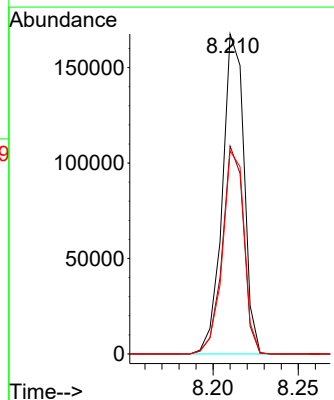
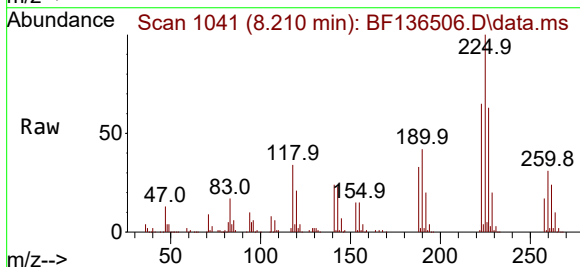
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	25.4	22.5	33.7
92	17.9	14.3	21.5

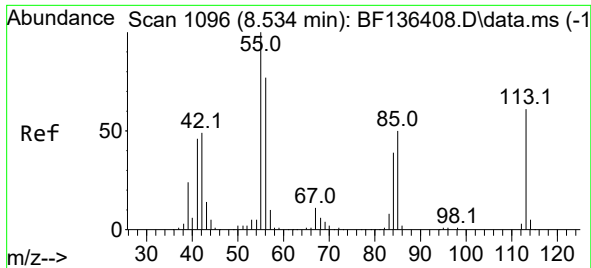


#34
Hexachlorobutadiene
Concen: 36.925 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:225 Resp: 147835

Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.8	76.2
227	63.5	49.8	74.8

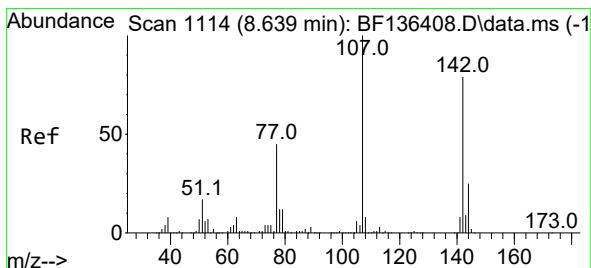
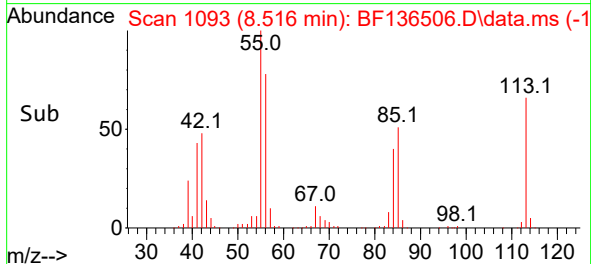
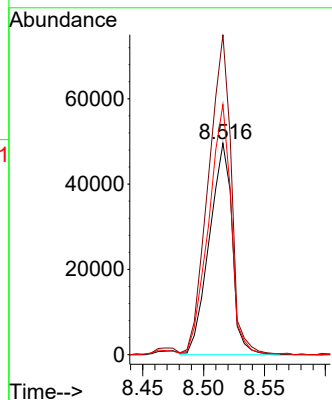
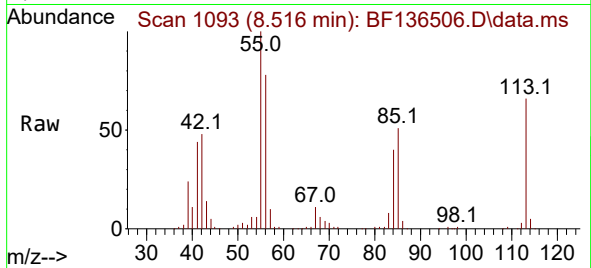




#35
 Caprolactam
 Concen: 36.059 ng
 RT: 8.516 min Scan# 1109
 Delta R.T. -0.018 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

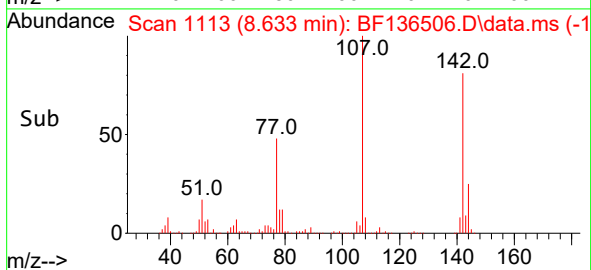
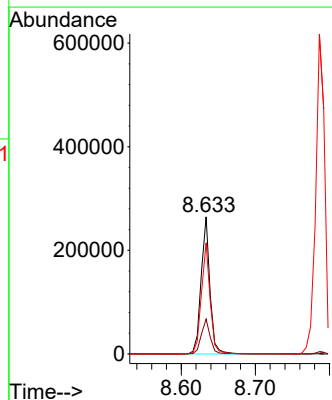
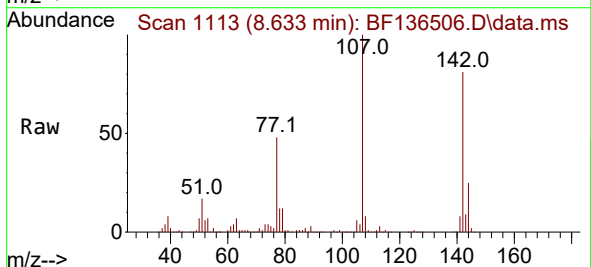
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

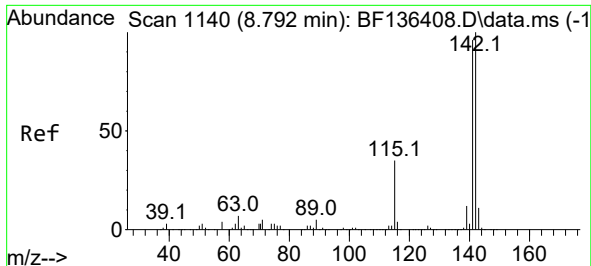
Tgt Ion:113 Resp: 64334
 Ion Ratio Lower Upper
 113 100
 55 151.4 143.7 183.7
 56 118.5 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 35.529 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

Tgt Ion:107 Resp: 218553
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.1 30.1
 142 81.2 63.1 94.7

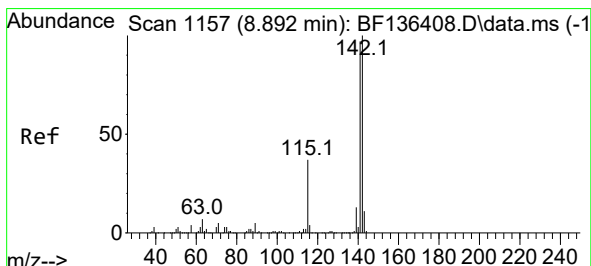
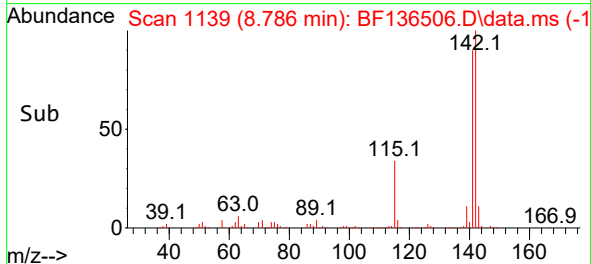
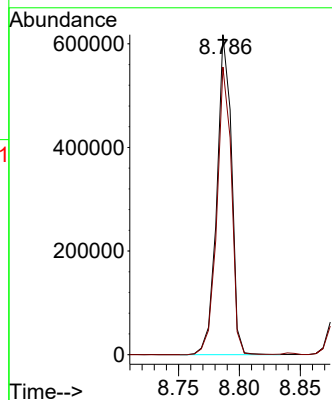
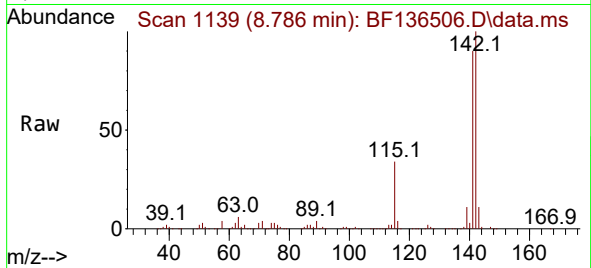




#37
2-Methylnaphthalene
Concen: 37.809 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

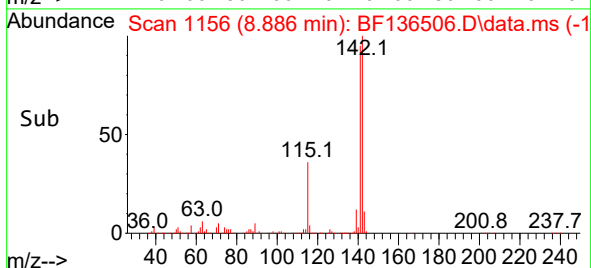
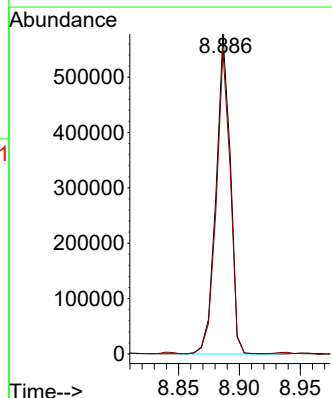
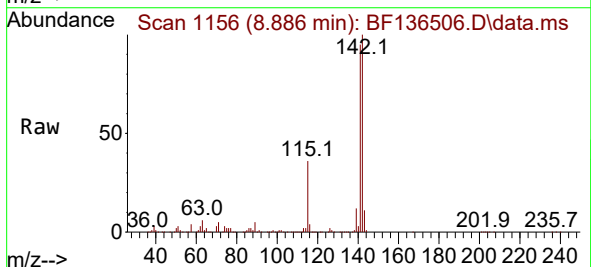
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

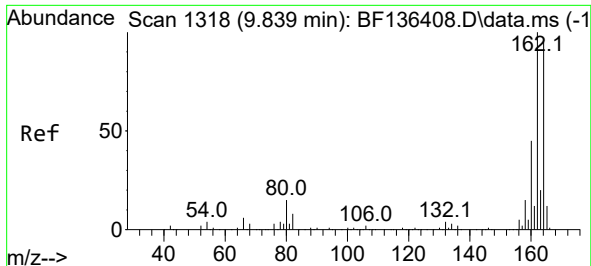
Tgt Ion:142 Resp: 516142
Ion Ratio Lower Upper
142 100
141 89.9 76.4 114.6



#38
1-Methylnaphthalene
Concen: 35.154 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:142 Resp: 470903
Ion Ratio Lower Upper
142 100
141 94.8 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

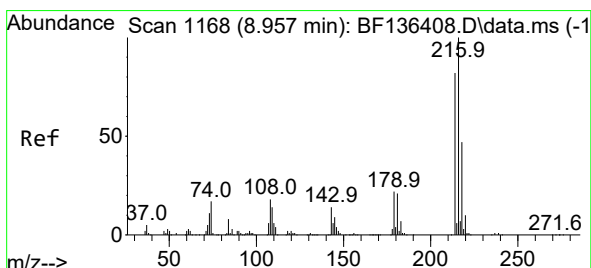
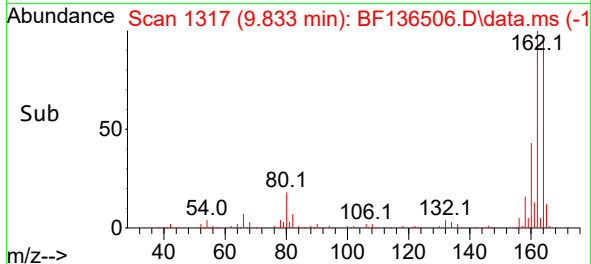
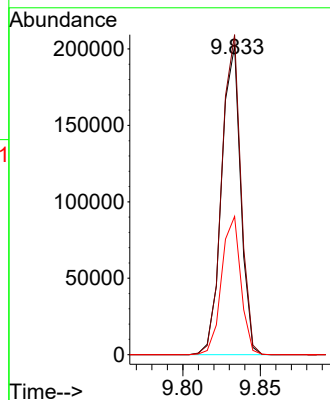
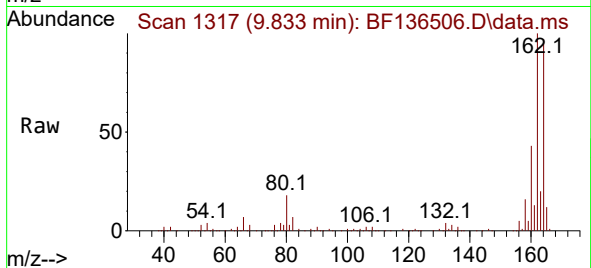
Tgt Ion:164 Resp: 173189

Ion Ratio Lower Upper

164 100

162 103.5 84.4 126.6

160 44.7 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.700 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Tgt Ion:216 Resp: 230073

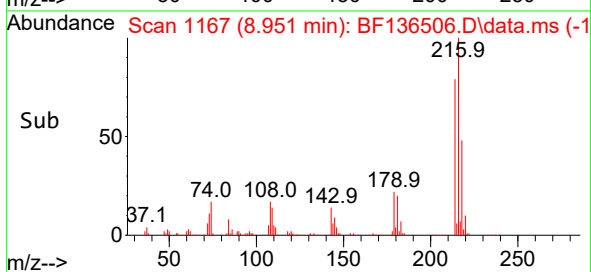
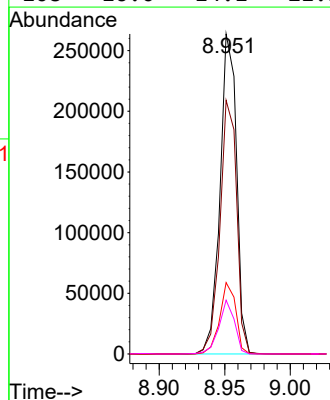
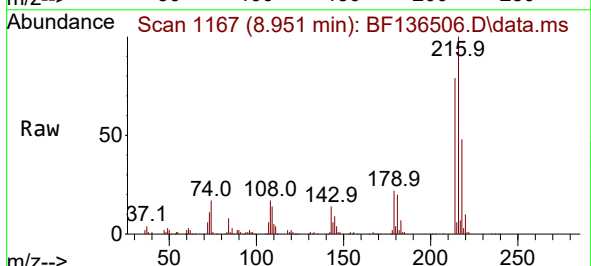
Ion Ratio Lower Upper

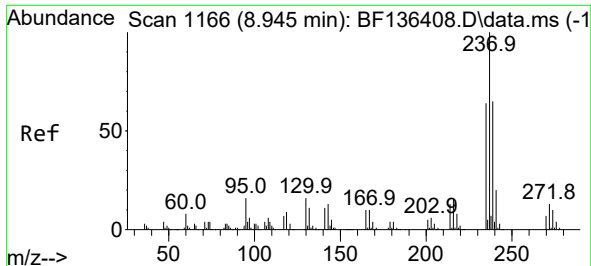
216 100

214 80.1 64.1 96.1

179 21.7 17.0 25.6

108 16.0 14.1 21.1

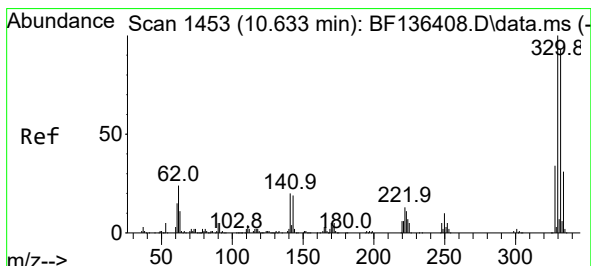
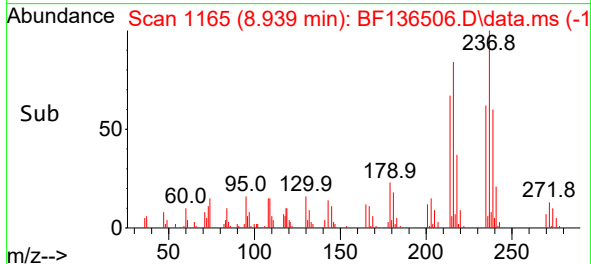
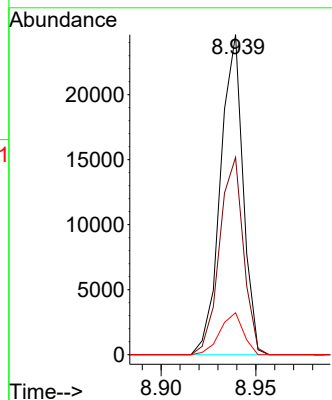
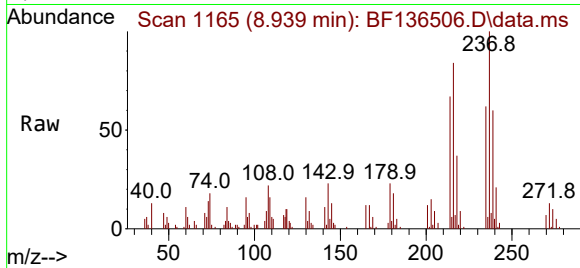




#41
Hexachlorocyclopentadiene
Concen: 10.189 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

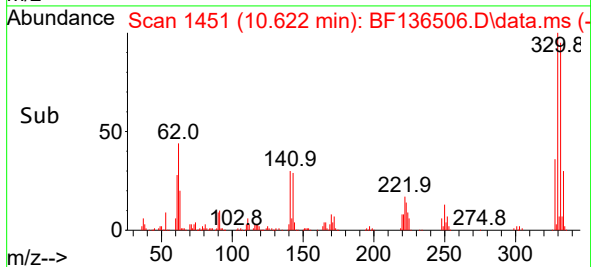
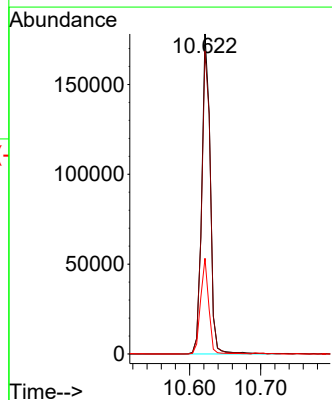
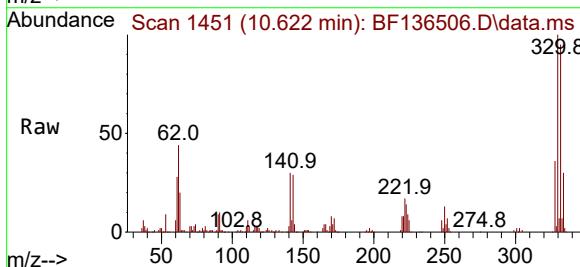
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

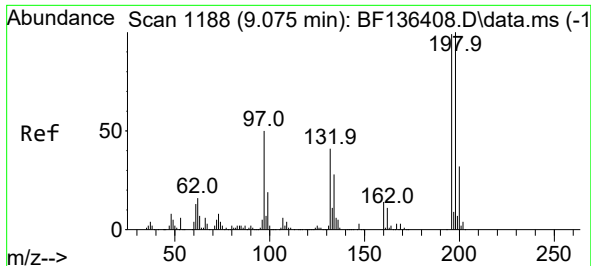
Tgt Ion:237 Resp: 20338
Ion Ratio Lower Upper
237 100
235 61.6 44.1 84.1
272 13.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 69.466 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:330 Resp: 148340
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 28.8 23.4 35.2

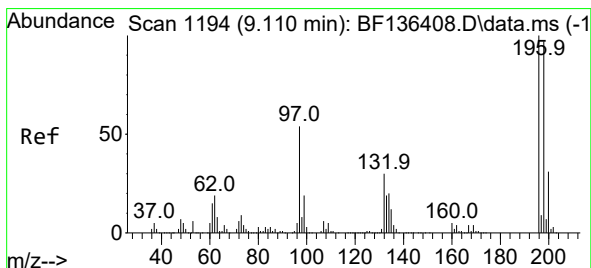
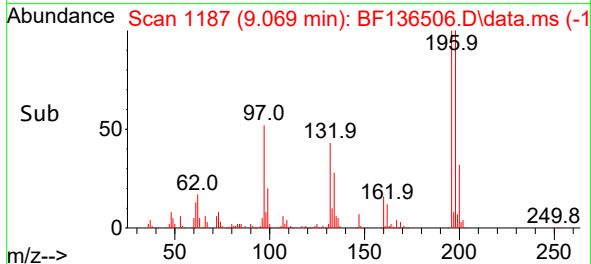
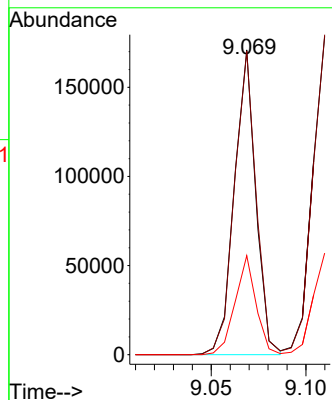
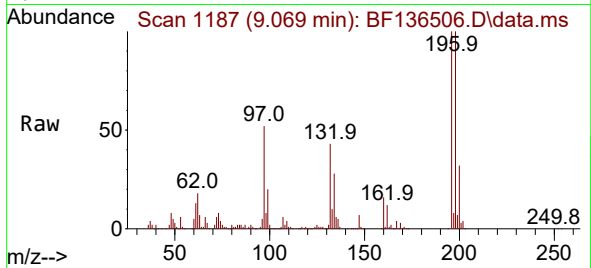




#43
2,4,6-Trichlorophenol
Concen: 38.337 ng
RT: 9.069 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

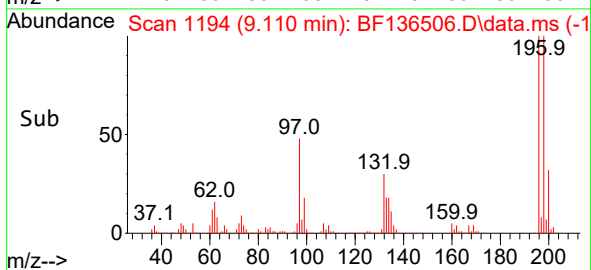
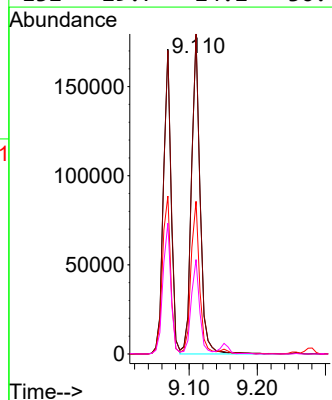
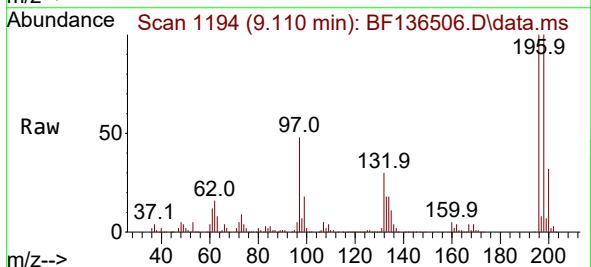
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

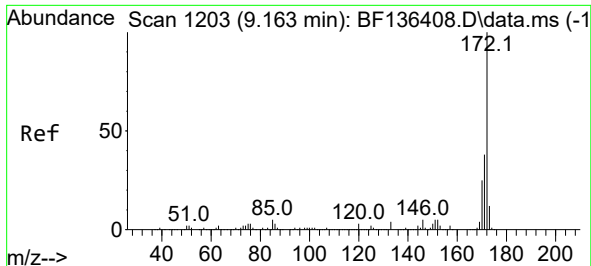
Tgt Ion:196 Resp: 134499
Ion Ratio Lower Upper
196 100
198 99.6 80.4 120.6
200 32.5 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 40.040 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:196 Resp: 156783
Ion Ratio Lower Upper
196 100
198 100.5 78.1 117.1
97 47.9 43.4 65.2
132 29.7 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 85.179 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

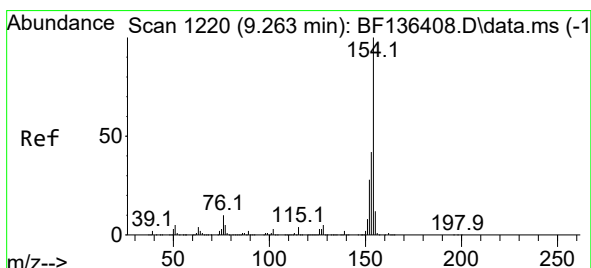
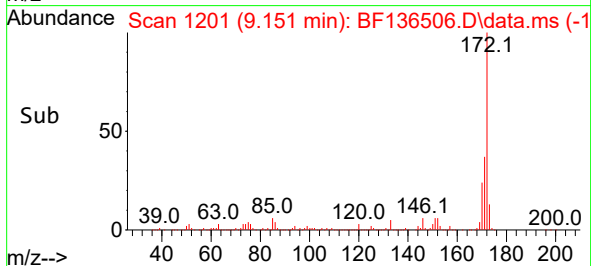
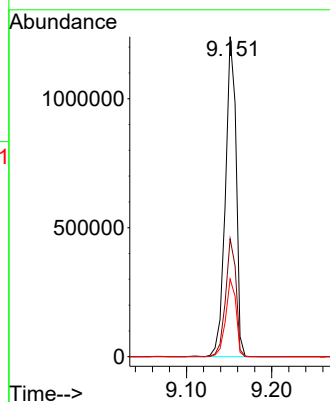
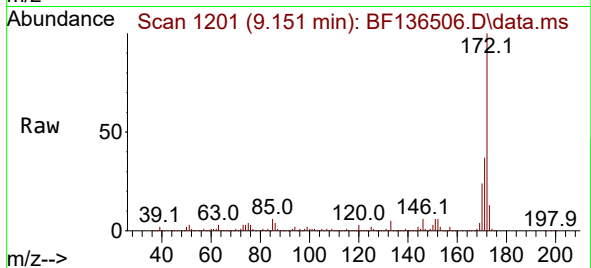
Tgt Ion:172 Resp: 1081127

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

170 24.3 19.9 29.9



#46

1,1'-Biphenyl

Concen: 41.479 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

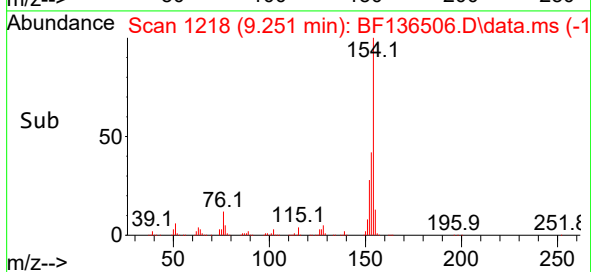
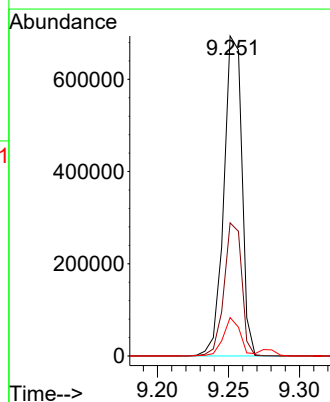
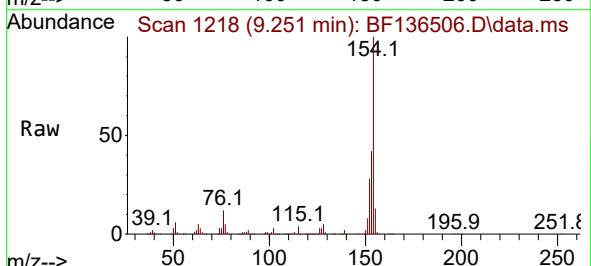
Tgt Ion:154 Resp: 611253

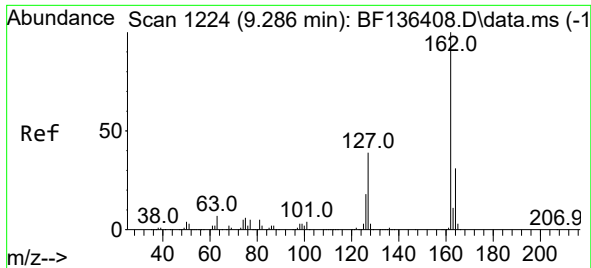
Ion Ratio Lower Upper

154 100

153 41.6 22.5 62.5

76 12.0 0.0 29.9

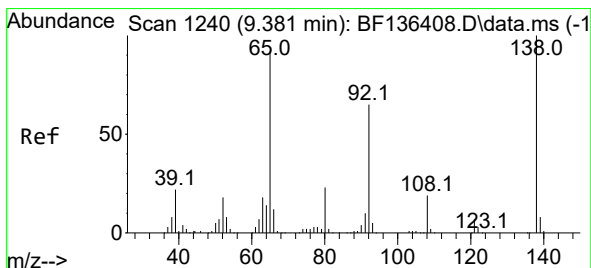
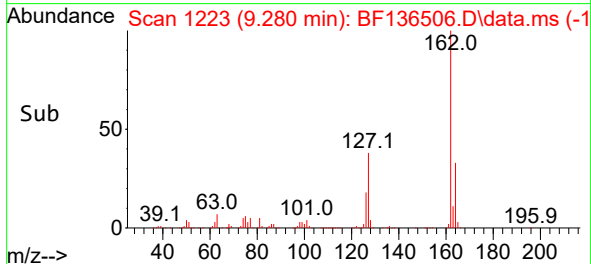
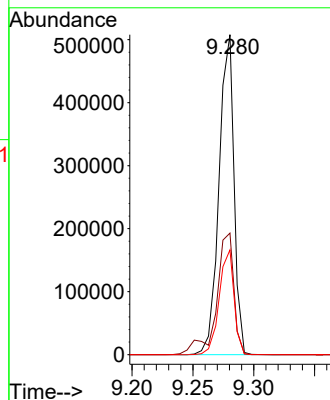
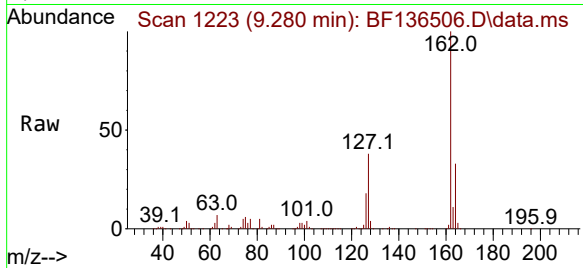




#47
2-Chloronaphthalene
Concen: 38.041 ng
RT: 9.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

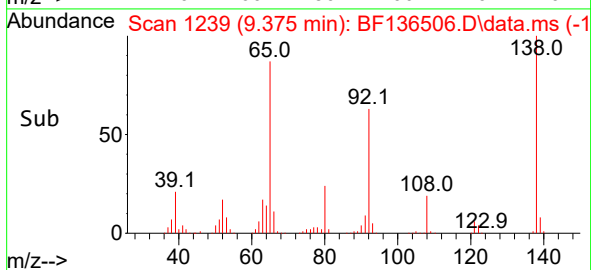
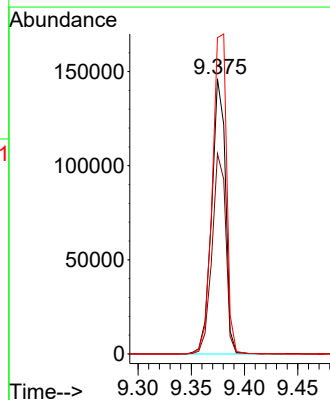
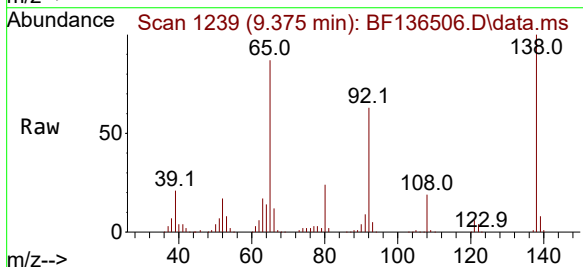
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

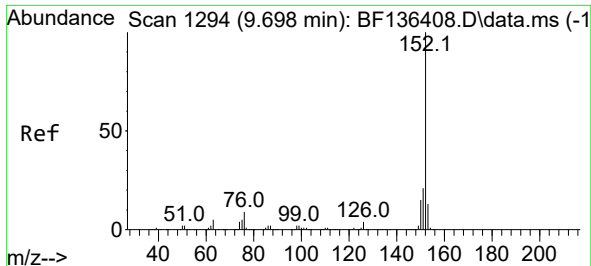
Tgt Ion:162 Resp: 436328
Ion Ratio Lower Upper
162 100
127 38.0 31.1 46.7
164 32.8 24.6 37.0



#48
2-Nitroaniline
Concen: 42.913 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion: 65 Resp: 132011
Ion Ratio Lower Upper
65 100
92 72.8 56.1 84.1
138 115.0 86.7 130.1

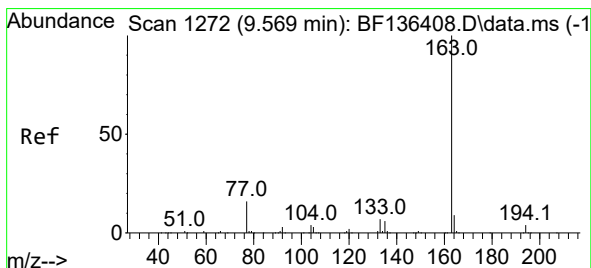
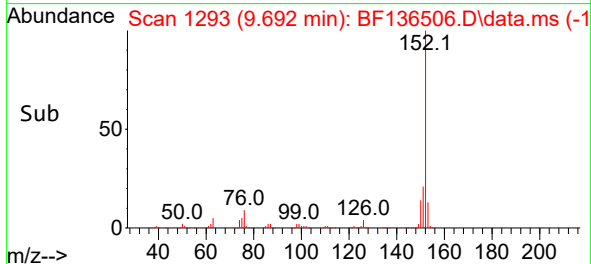
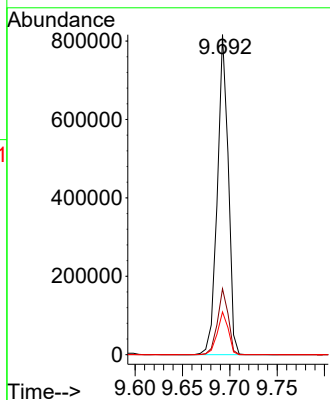
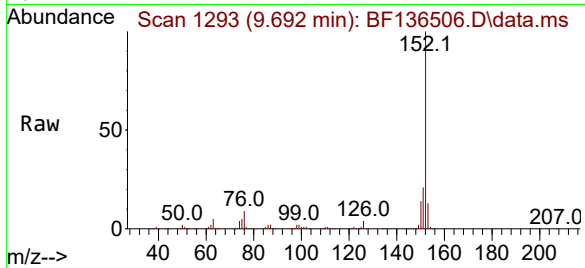




#49
Acenaphthylene
Concen: 40.155 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

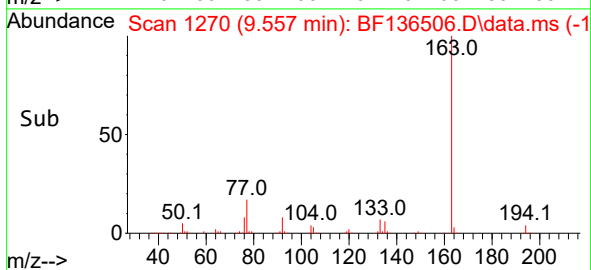
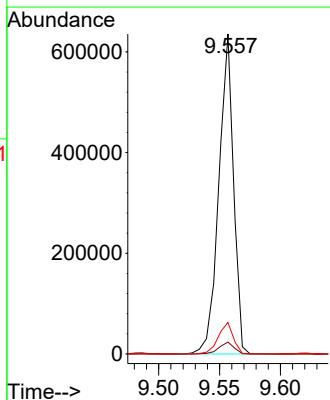
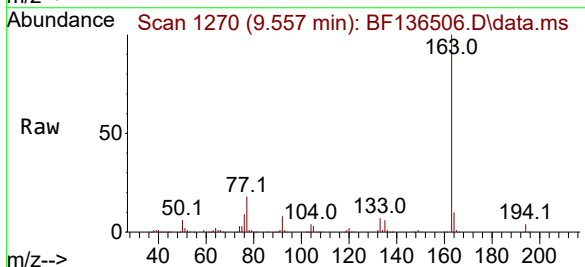
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

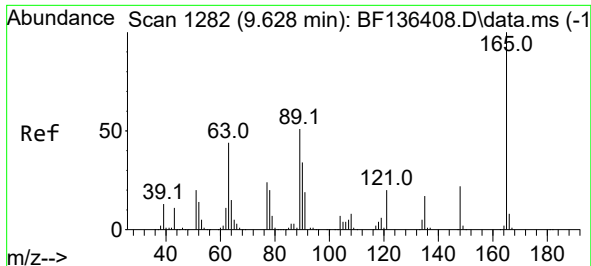
Tgt Ion:152 Resp: 656093
Ion Ratio Lower Upper
152 100
151 20.6 17.2 25.8
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 42.048 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:163 Resp: 536147
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.9 7.4 11.2

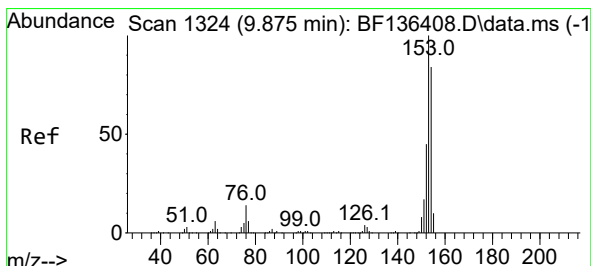
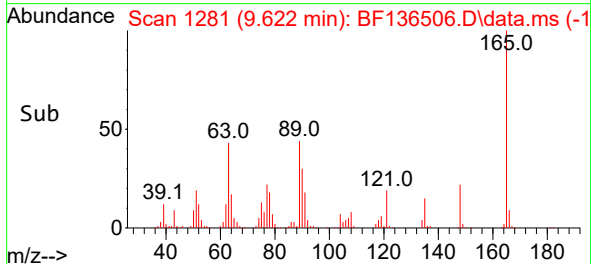
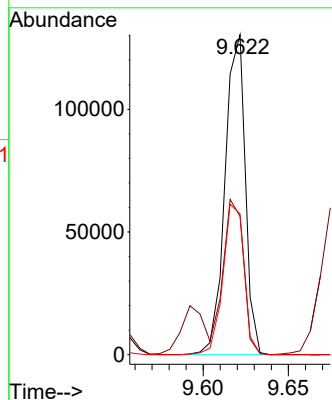
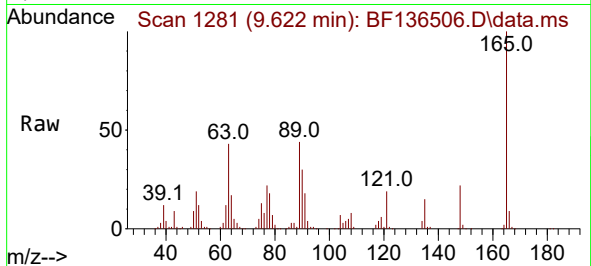




#51
2,6-Dinitrotoluene
Concen: 37.735 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

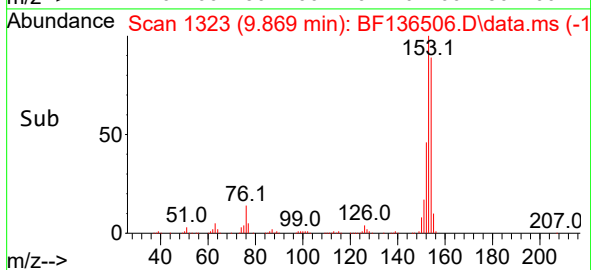
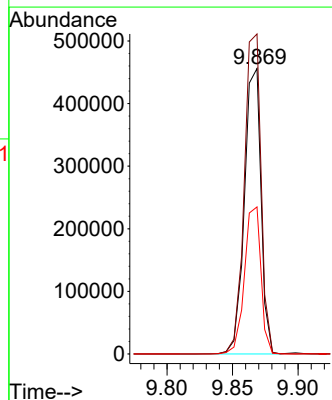
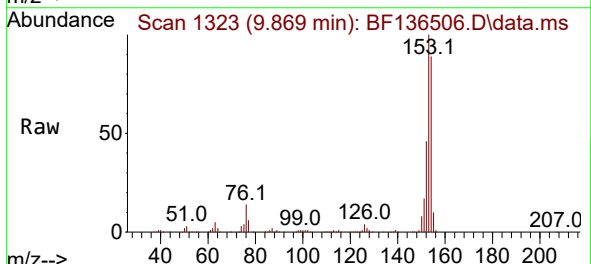
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

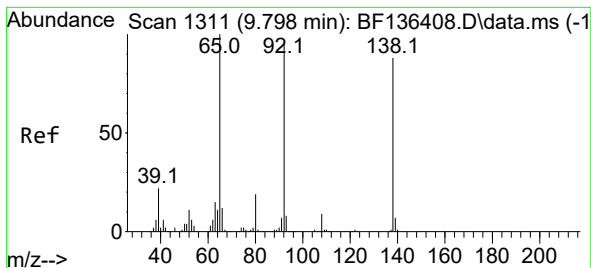
Tgt Ion:165 Resp: 108247
Ion Ratio Lower Upper
165 100
63 43.2 40.4 60.6
89 44.0 40.6 60.8



#52
Acenaphthene
Concen: 38.467 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:154 Resp: 402763
Ion Ratio Lower Upper
154 100
153 112.1 95.3 142.9
152 51.5 43.2 64.8





#53

3-Nitroaniline

Concen: 45.047 ng

RT: 9.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

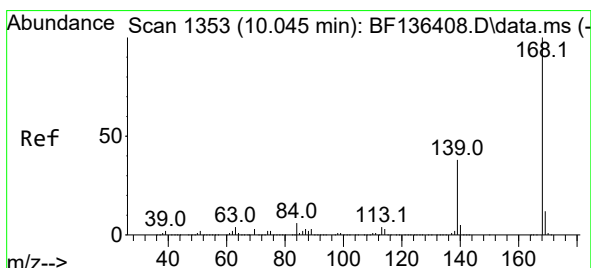
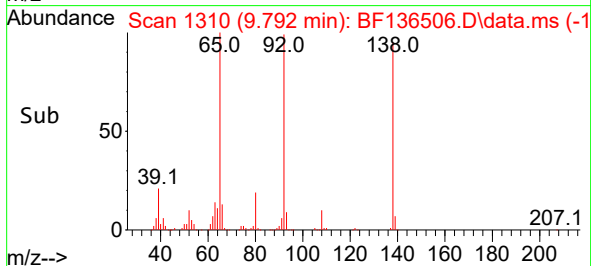
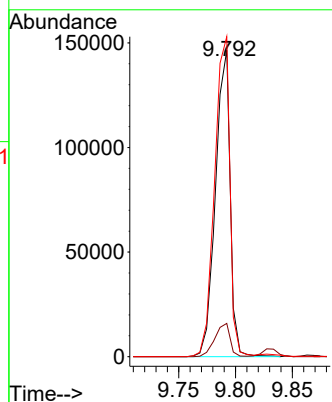
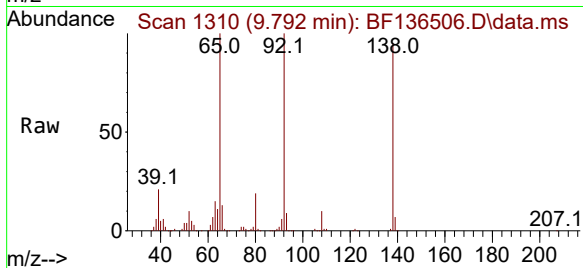
Tgt Ion:138 Resp: 131956

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

92 104.4 86.1 129.1



#55

Dibenzofuran

Concen: 39.162 ng

RT: 10.039 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

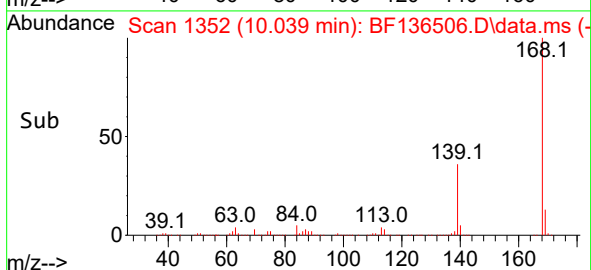
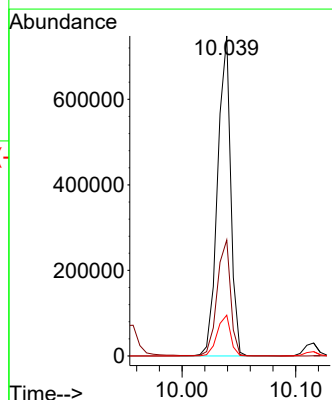
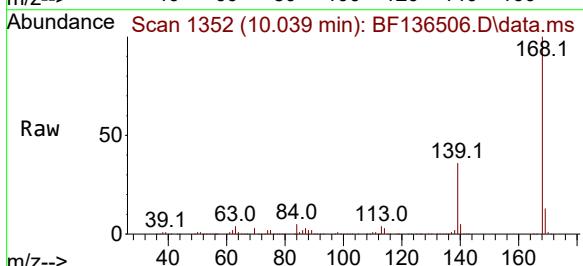
Tgt Ion:168 Resp: 599015

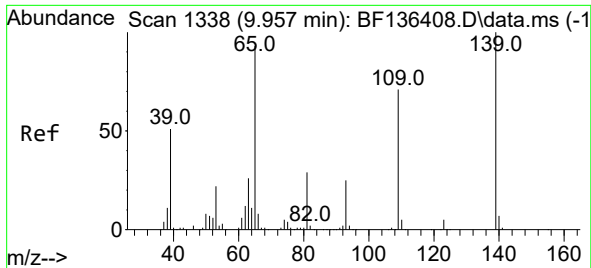
Ion Ratio Lower Upper

168 100

139 36.3 30.4 45.6

169 12.7 9.9 14.9

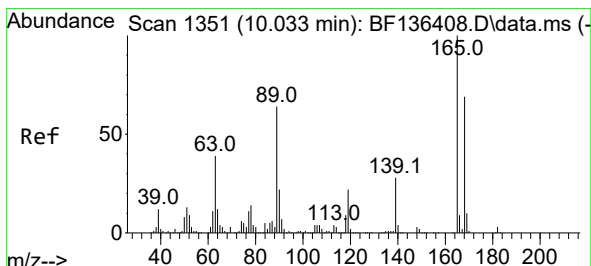
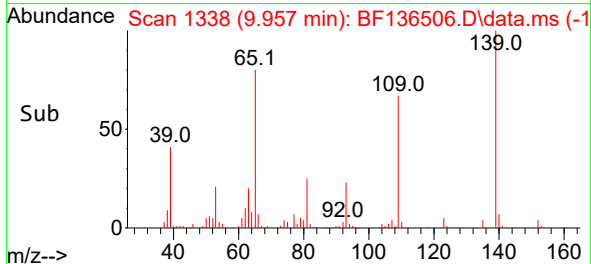
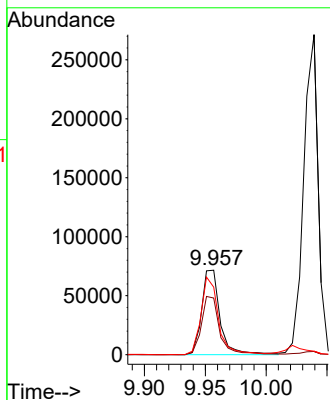
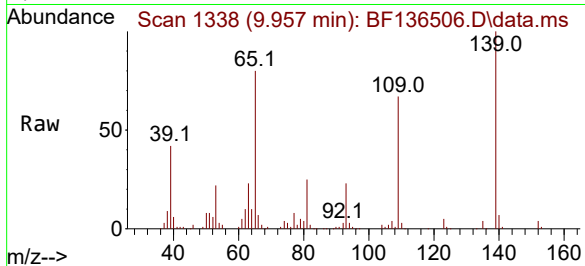




#56
4-Nitrophenol
Concen: 34.365 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

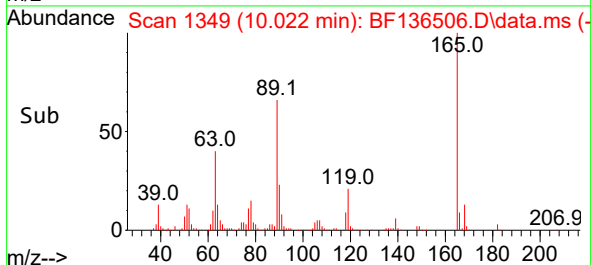
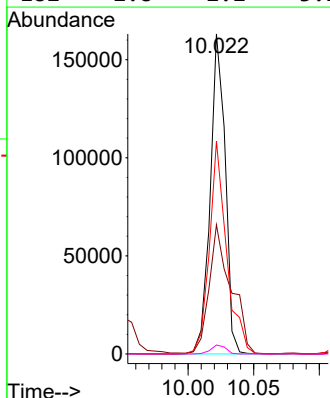
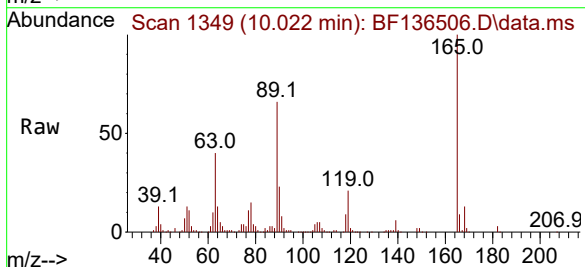
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

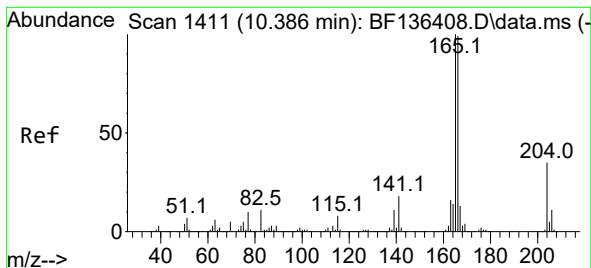
Tgt Ion:139 Resp: 75464
Ion Ratio Lower Upper
139 100
109 66.9 50.6 90.6
65 79.8 73.1 113.1



#57
2,4-Dinitrotoluene
Concen: 34.232 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:165 Resp: 129904
Ion Ratio Lower Upper
165 100
63 40.3 31.4 47.2
89 66.5 51.7 77.5
182 2.8 2.2 3.2





#58

Fluorene

Concen: 37.565 ng

RT: 10.380 min Scan# 1411

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

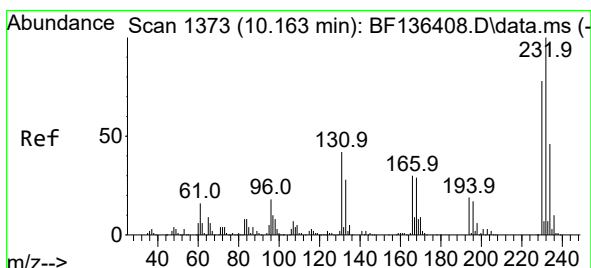
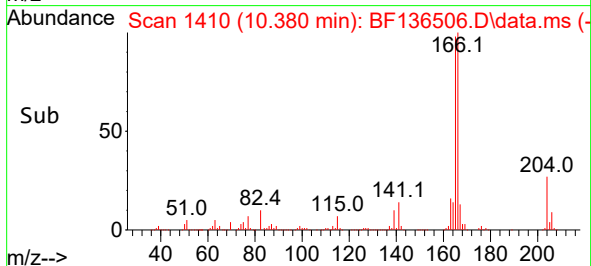
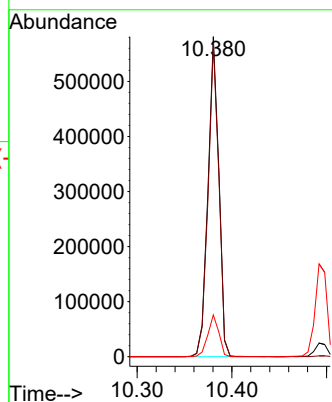
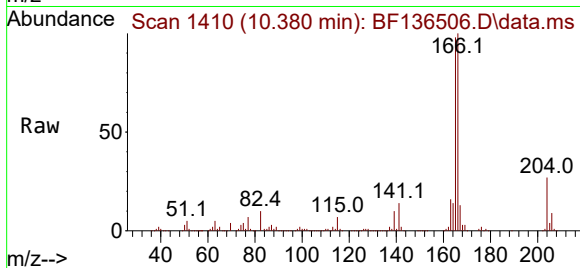
Tgt Ion:166 Resp: 461238

Ion Ratio Lower Upper

166 100

165 97.9 80.5 120.7

167 13.0 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 34.477 ng

RT: 10.157 min Scan# 1372

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Tgt Ion:232 Resp: 108138

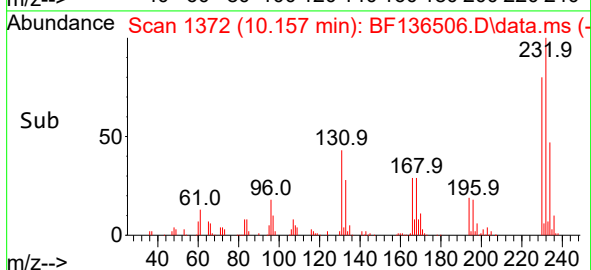
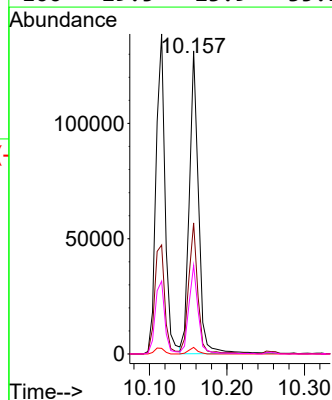
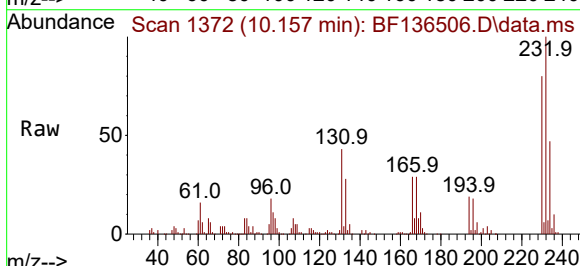
Ion Ratio Lower Upper

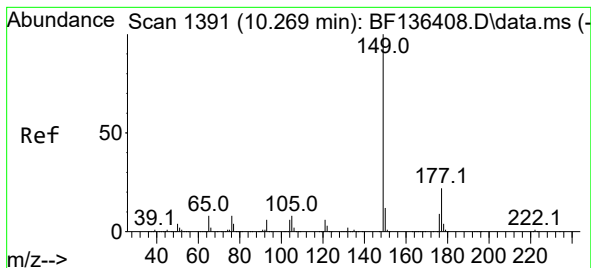
232 100

131 42.8 34.3 51.5

130 2.1 1.6 2.4

166 29.5 23.9 35.9





#60

Diethylphthalate

Concen: 39.340 ng

RT: 10.257 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

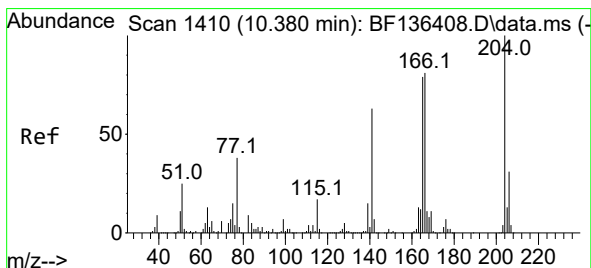
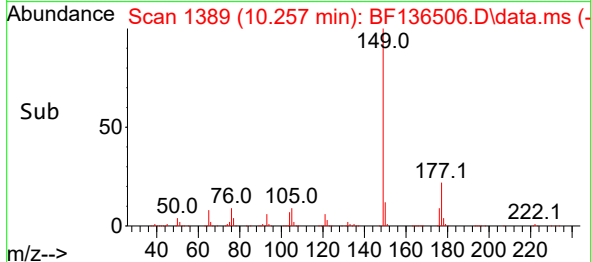
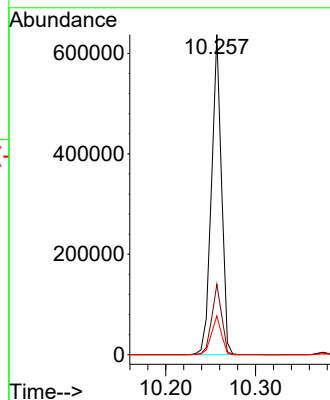
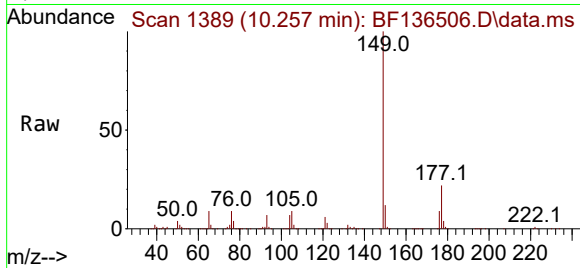
Tgt Ion:149 Resp: 493255

Ion Ratio Lower Upper

149 100

177 22.0 17.8 26.8

150 12.2 9.4 14.0



#61

4-Chlorophenyl-phenylether

Concen: 38.298 ng

RT: 10.375 min Scan# 1409

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

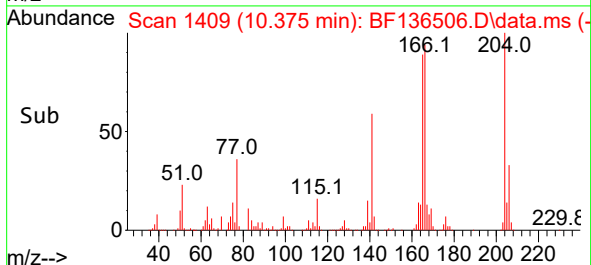
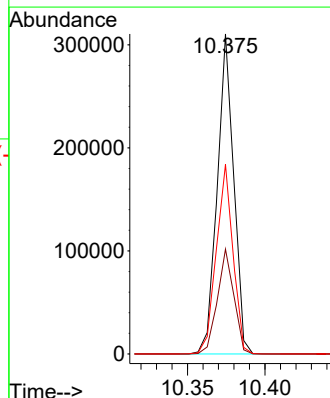
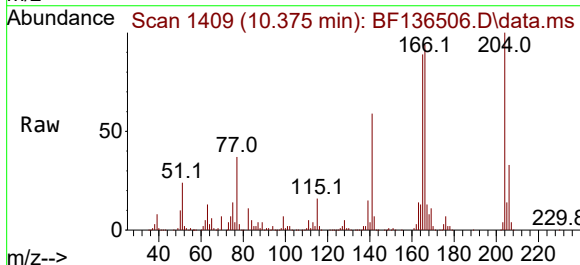
Tgt Ion:204 Resp: 229236

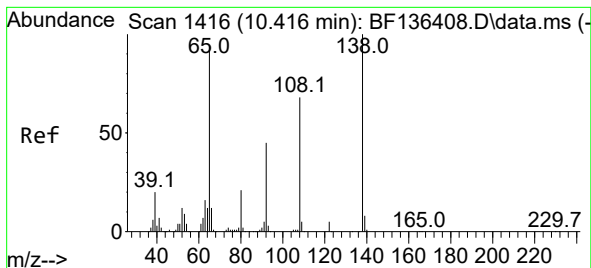
Ion Ratio Lower Upper

204 100

206 32.8 24.6 36.8

141 59.3 50.3 75.5

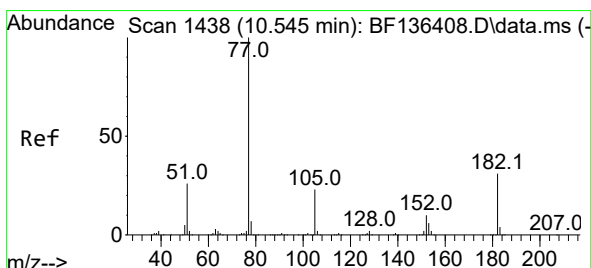
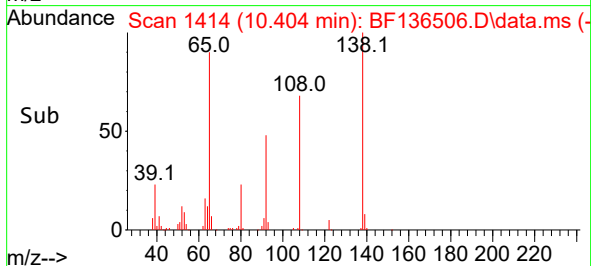
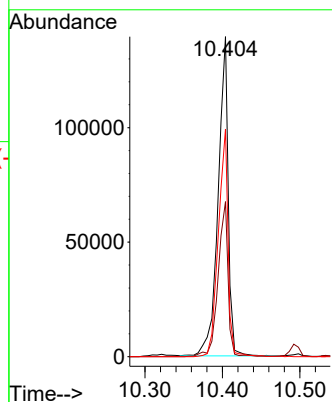
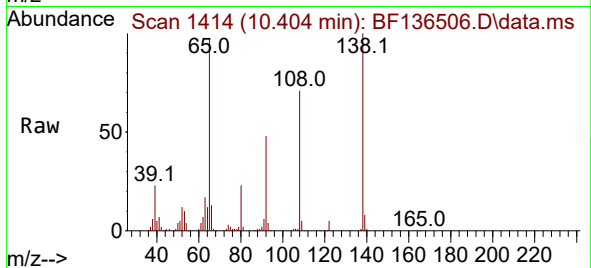




#62
4-Nitroaniline
Concen: 43.666 ng
RT: 10.404 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

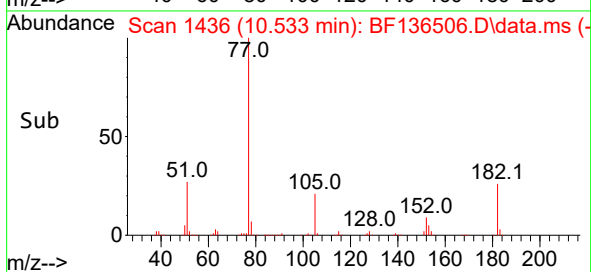
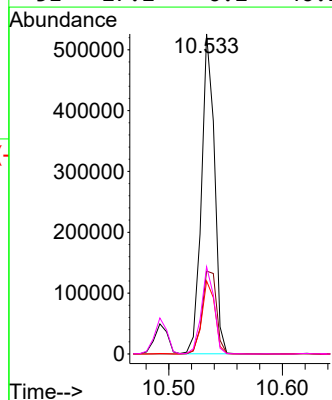
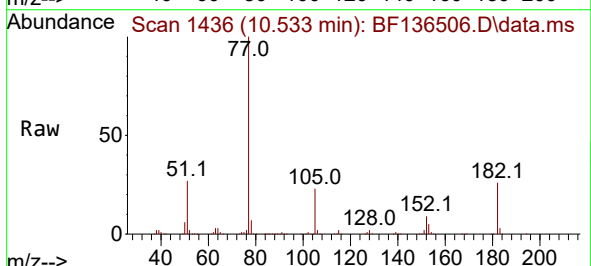
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

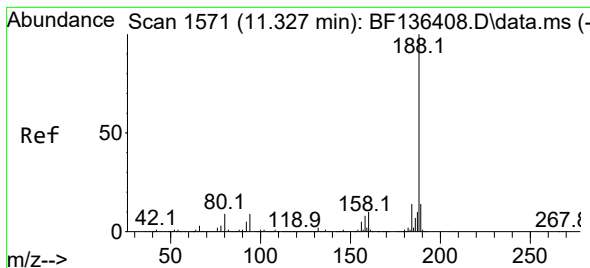
Tgt Ion:138 Resp: 127009
Ion Ratio Lower Upper
138 100
92 48.5 25.0 65.0
108 71.2 47.9 87.9



#63
Azobenzene
Concen: 36.600 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion: 77 Resp: 417690
Ion Ratio Lower Upper
77 100
182 25.9 10.8 50.8
105 22.8 2.6 42.6
51 27.2 6.2 46.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

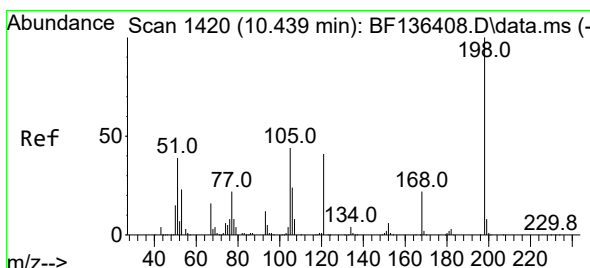
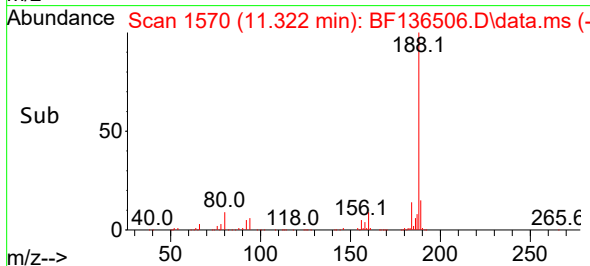
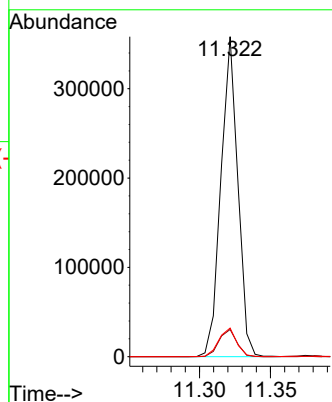
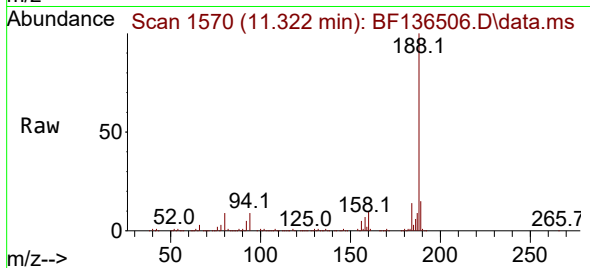
Tgt Ion:188 Resp: 296419

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

80 8.9 7.2 10.8



#65

4,6-Dinitro-2-methylphenol

Concen: 3.794 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

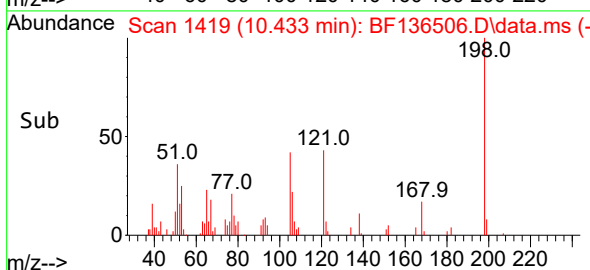
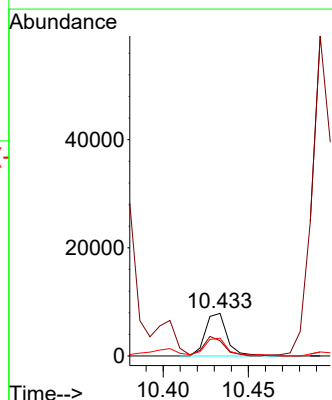
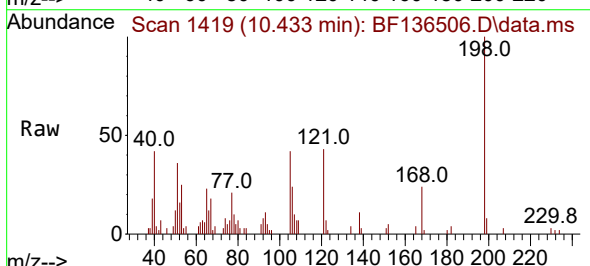
Tgt Ion:198 Resp: 6965

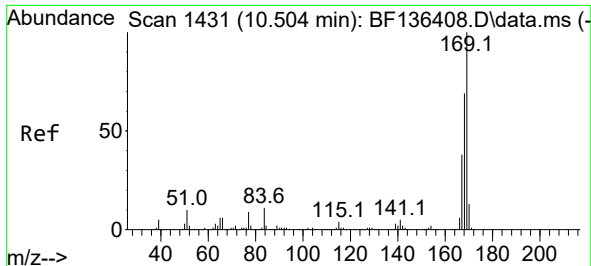
Ion Ratio Lower Upper

198 100

51 35.8 24.1 64.1

105 41.5 24.8 64.8

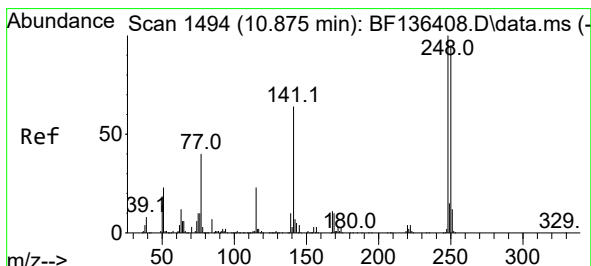
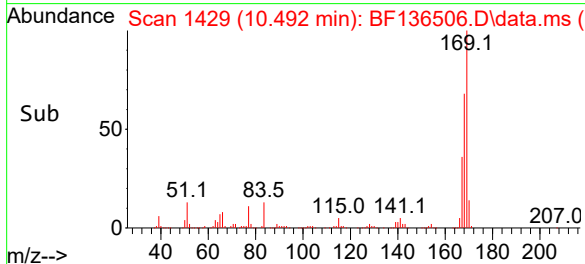
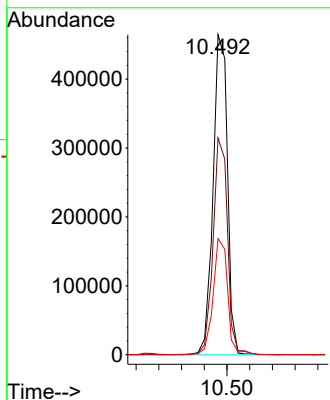
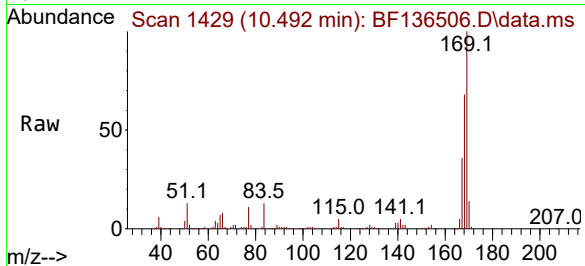




#66
 n-Nitrosodiphenylamine
 Concen: 42.849 ng
 RT: 10.492 min Scan# 1429
 Delta R.T. -0.012 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

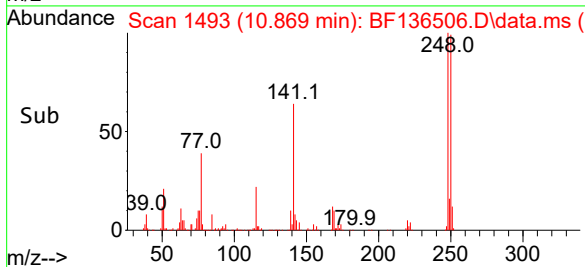
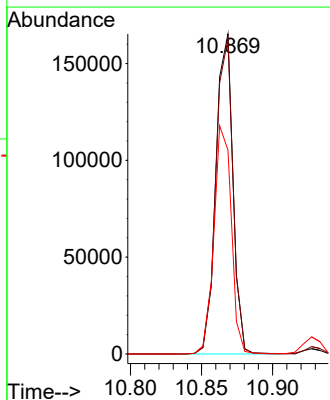
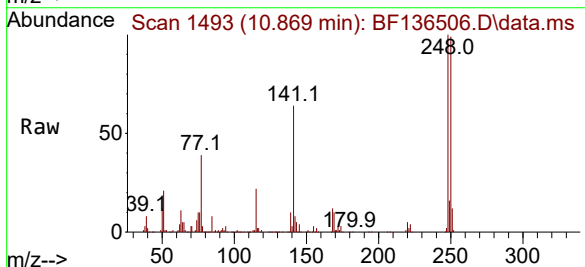
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

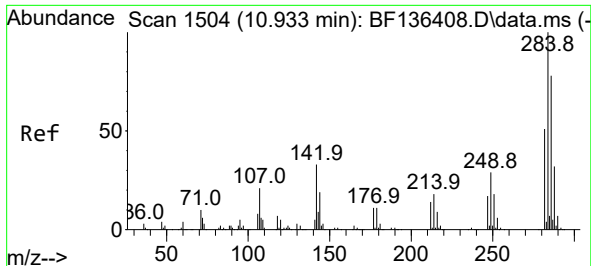
Tgt Ion:169 Resp: 407555
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.3 82.9
 167 36.3 30.1 45.1



#67
 4-Bromophenyl-phenylether
 Concen: 40.076 ng
 RT: 10.869 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

Tgt Ion:248 Resp: 138117
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.2 114.2
 141 63.7 51.0 76.4

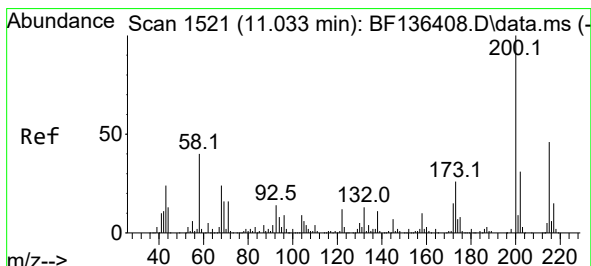
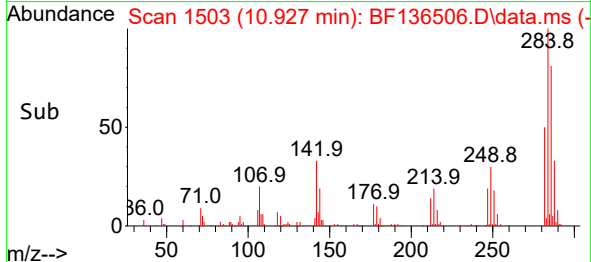
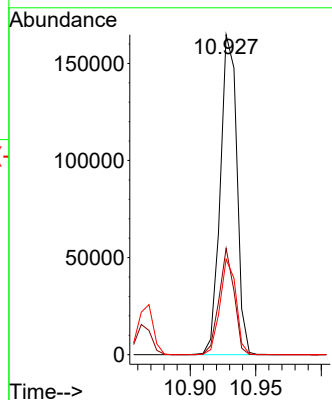
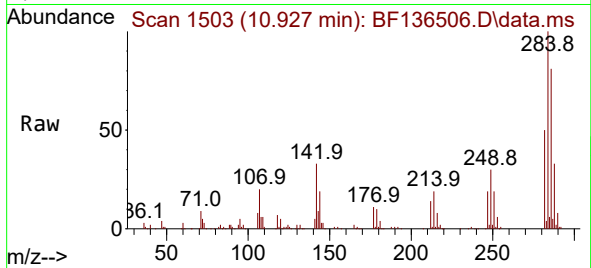




#68
Hexachlorobenzene
Concen: 36.227 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

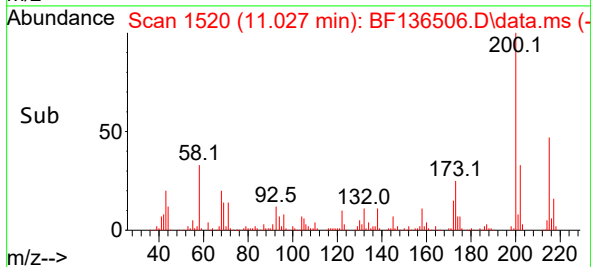
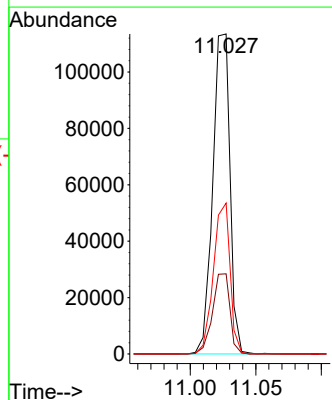
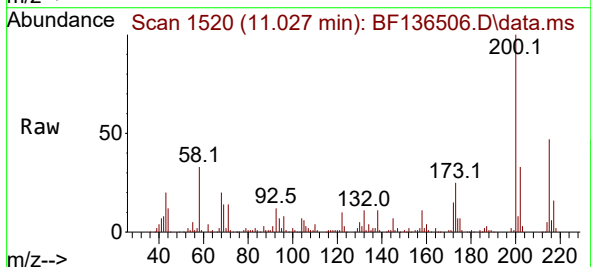
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

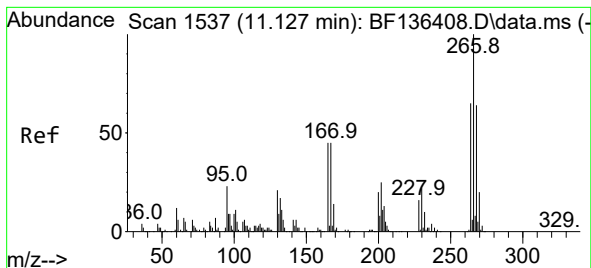
Tgt Ion:284 Resp: 144298
Ion Ratio Lower Upper
284 100
142 33.2 26.5 39.7
249 29.8 23.4 35.0



#69
Atrazine
Concen: 38.185 ng
RT: 11.027 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:200 Resp: 103663
Ion Ratio Lower Upper
200 100
173 25.0 6.0 46.0
215 47.2 25.5 65.5





#70

Pentachlorophenol

Concen: 32.591 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

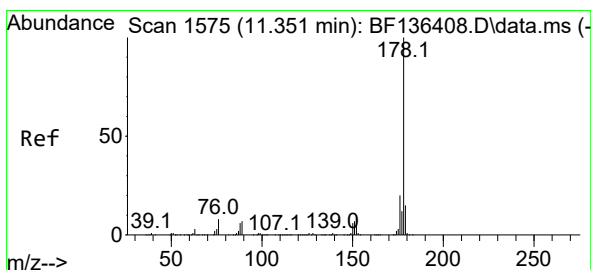
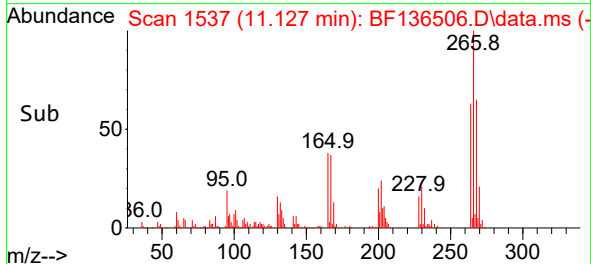
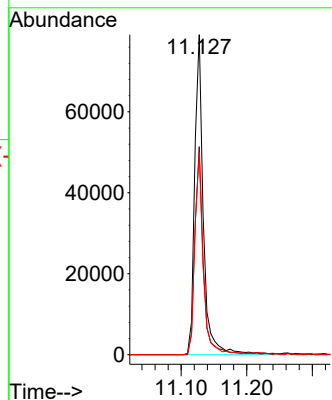
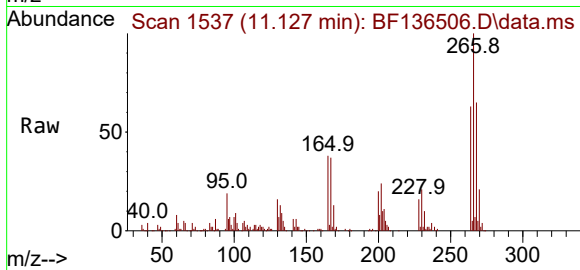
Tgt Ion:266 Resp: 73266

Ion Ratio Lower Upper

266 100

268 65.0 51.0 76.6

264 63.1 52.2 78.4



#71

Phenanthrene

Concen: 39.531 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

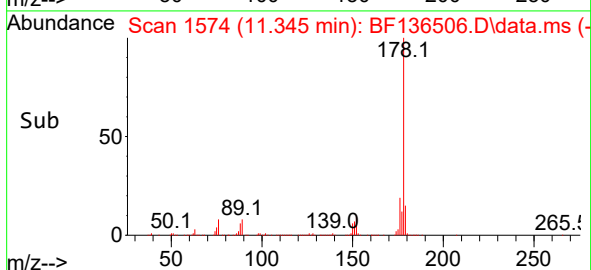
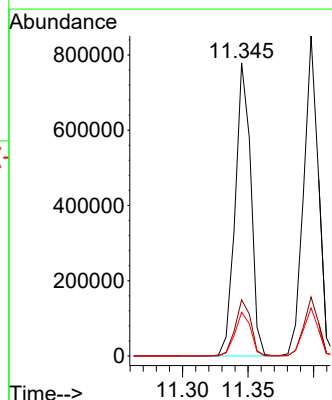
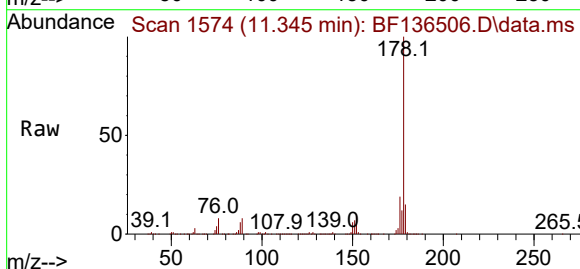
Tgt Ion:178 Resp: 644055

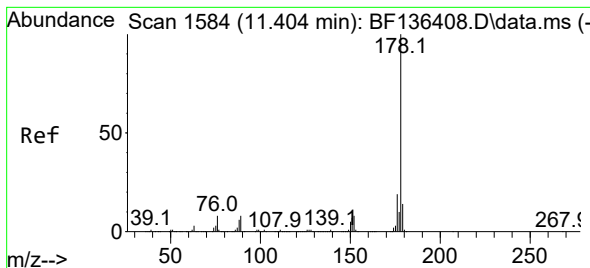
Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

179 14.9 11.8 17.6





#72

Anthracene

Concen: 40.601 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

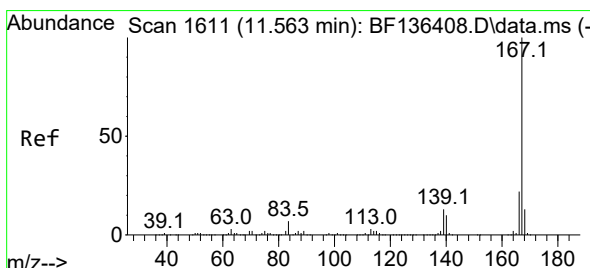
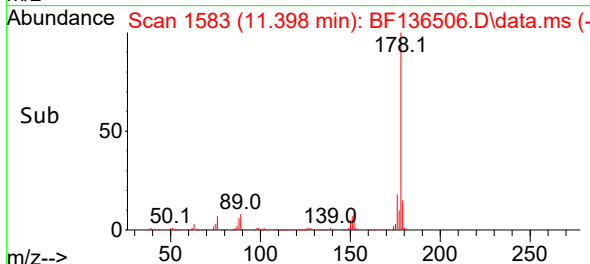
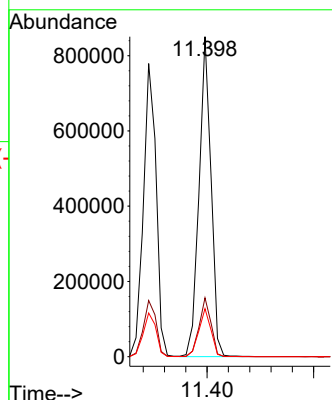
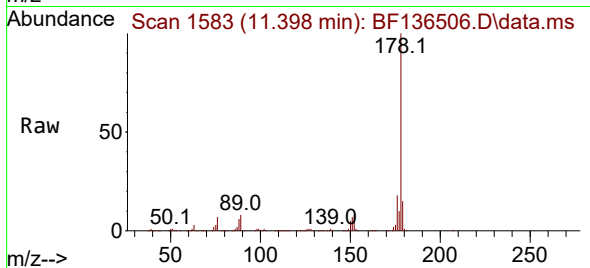
Tgt Ion:178 Resp: 666267

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 15.0 11.4 17.0



#73

Carbazole

Concen: 39.726 ng

RT: 11.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

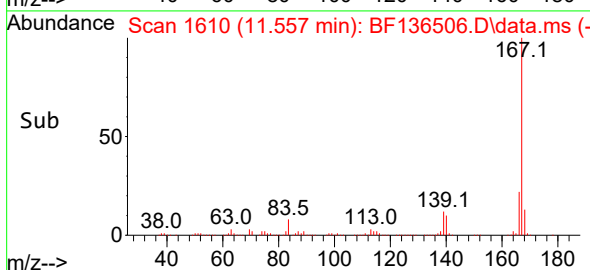
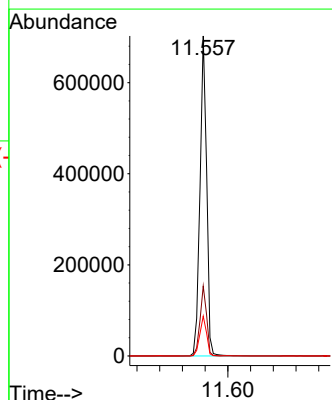
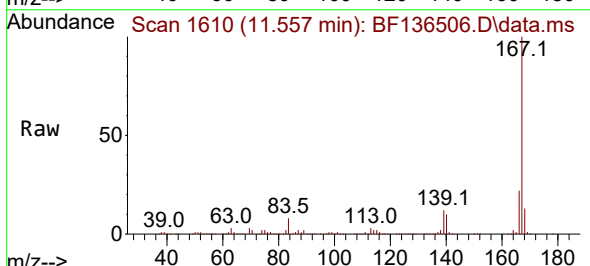
Tgt Ion:167 Resp: 576987

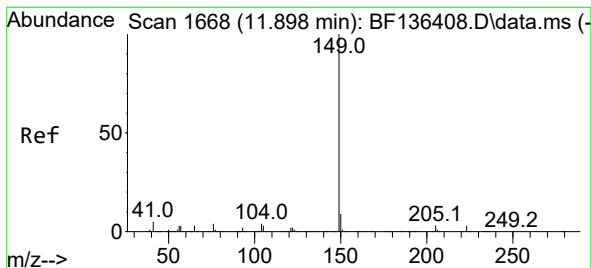
Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

139 12.5 10.2 15.4





#74

Di-n-butylphthalate

Concen: 40.186 ng

RT: 11.892 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

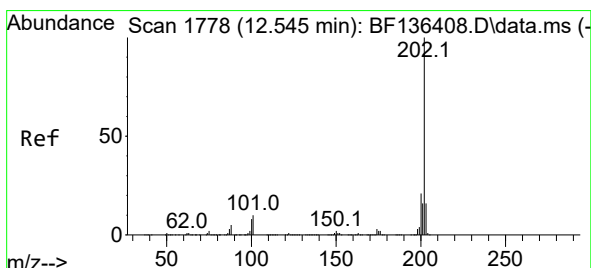
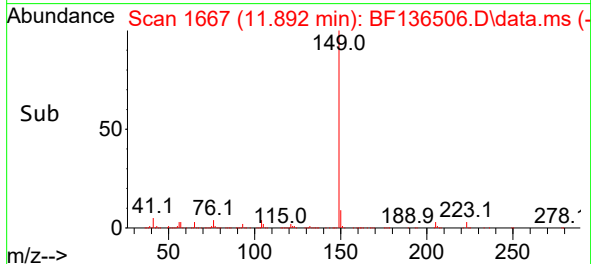
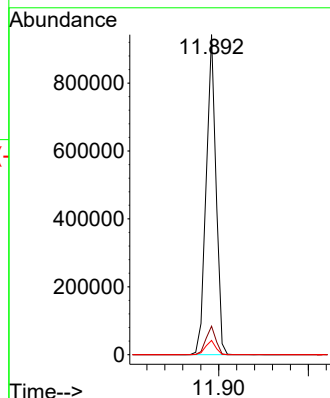
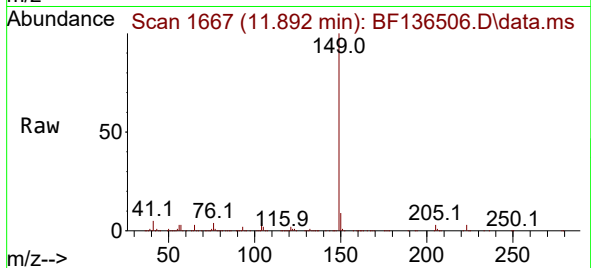
Tgt Ion:149 Resp: 715527

Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

104 4.5 3.5 5.3



#75

Fluoranthene

Concen: 40.073 ng

RT: 12.539 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

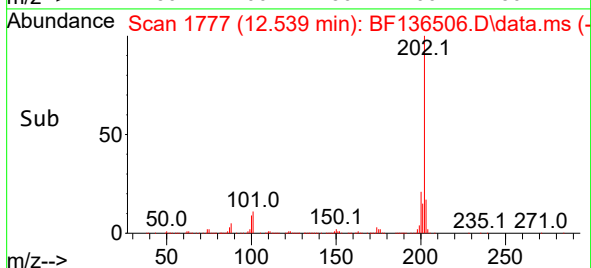
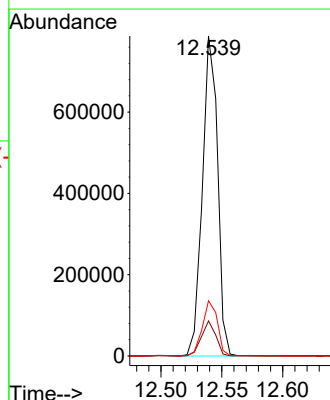
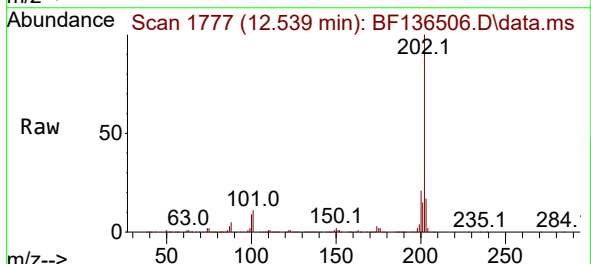
Tgt Ion:202 Resp: 684192

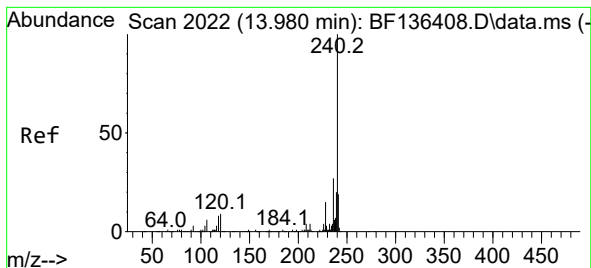
Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.9

203 17.2 0.0 36.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

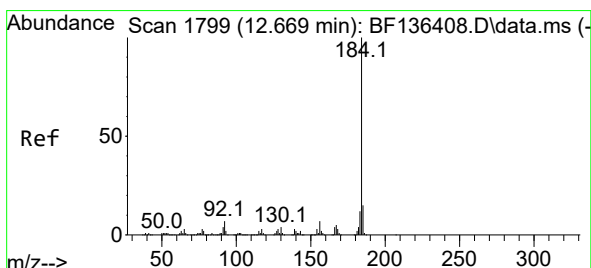
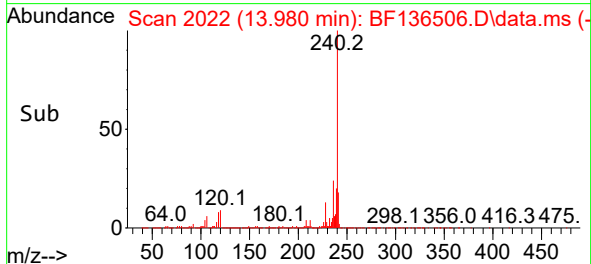
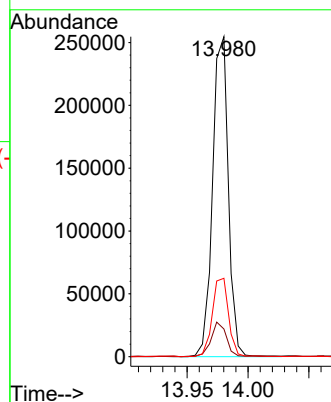
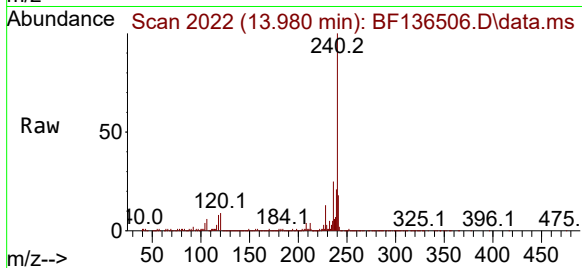
Tgt Ion:240 Resp: 229045

Ion Ratio Lower Upper

240 100

120 8.7 7.3 10.9

236 24.5 21.3 31.9



#77

Benzidine

Concen: 34.445 ng

RT: 12.668 min Scan# 1799

Delta R.T. -0.001 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

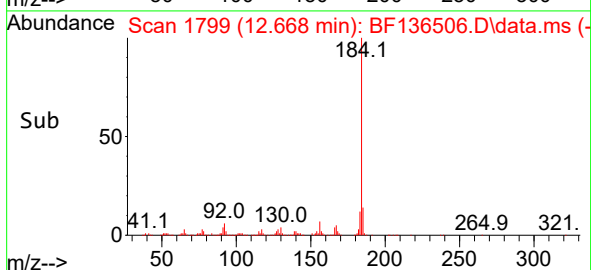
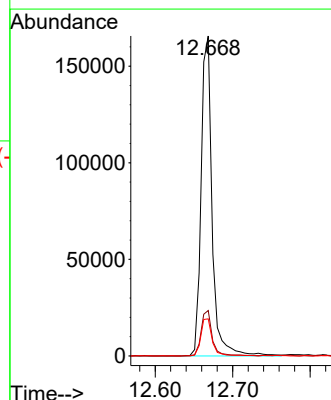
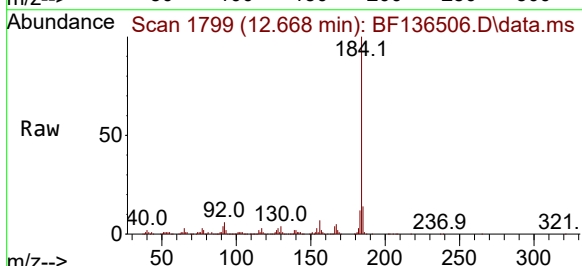
Tgt Ion:184 Resp: 163182

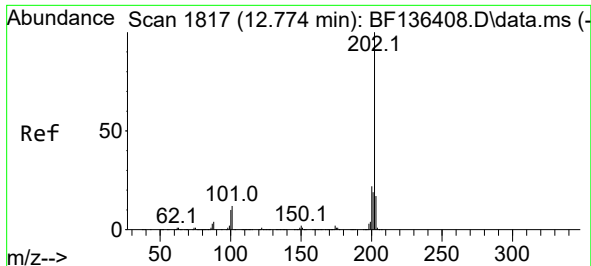
Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

183 11.6 9.4 14.0

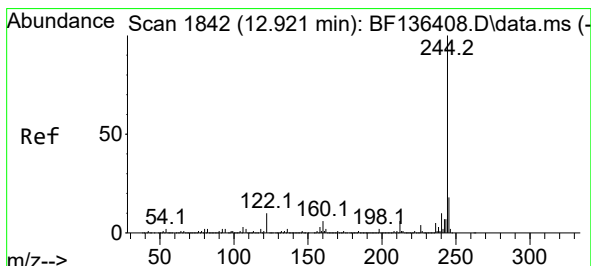
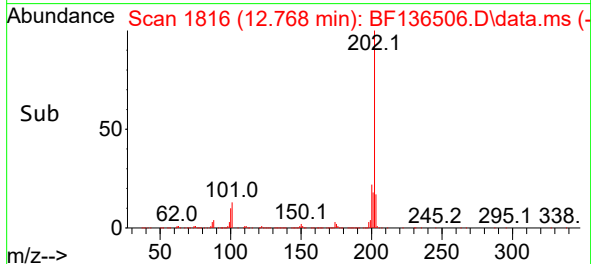
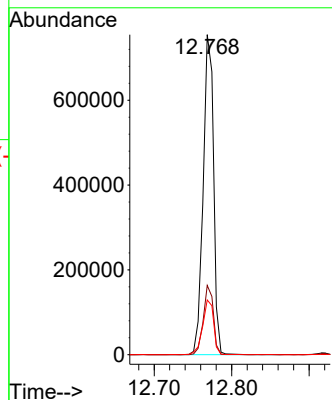
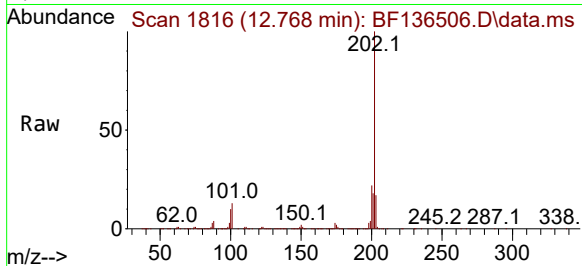




#78
Pyrene
Concen: 31.325 ng
RT: 12.768 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

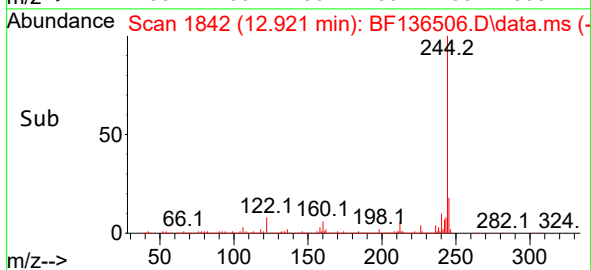
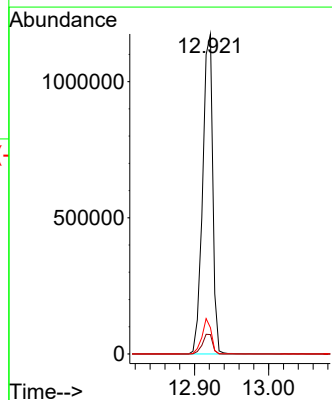
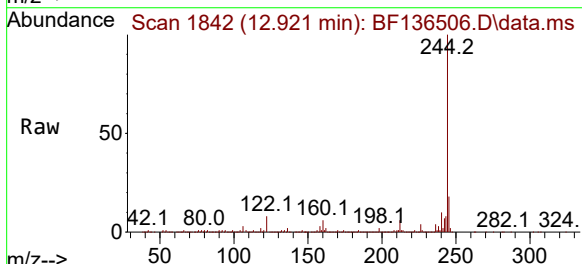
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

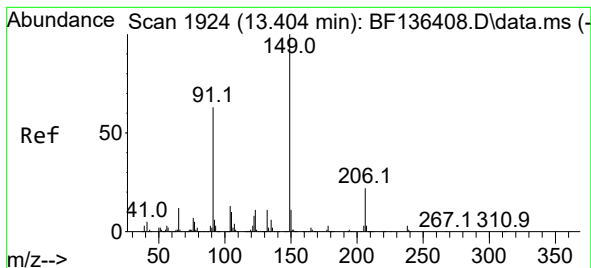
Tgt Ion:202 Resp: 702665
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 17.1 13.5 20.3



#79
Terphenyl-d14
Concen: 64.098 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:244 Resp: 1113868
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 8.2 8.3 12.5#





#80

Butylbenzylphthalate

Concen: 37.057 ng

RT: 13.398 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

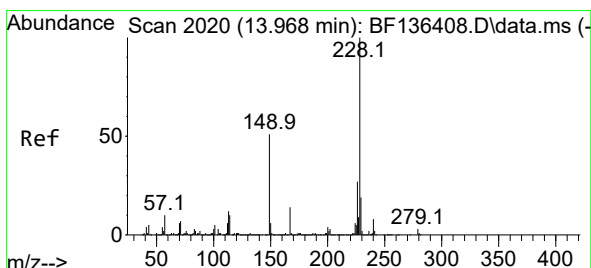
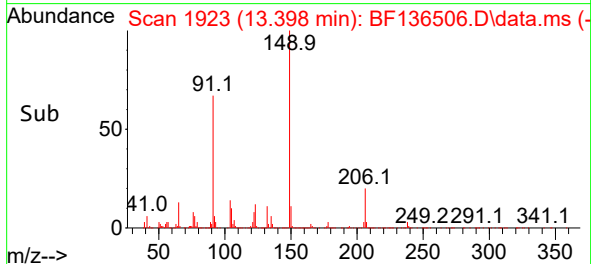
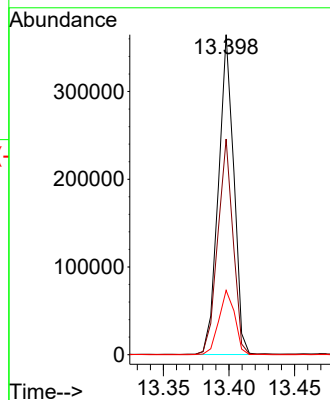
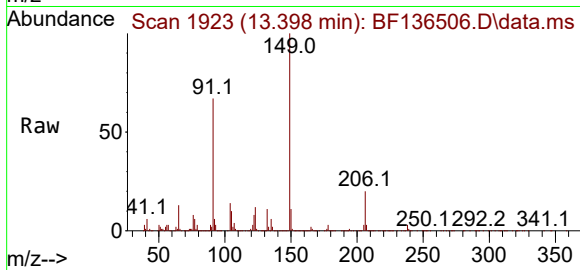
Tgt Ion:149 Resp: 295915

Ion Ratio Lower Upper

149 100

91 67.4 50.5 75.7

206 20.1 17.4 26.2



#81

Benzo(a)anthracene

Concen: 38.955 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

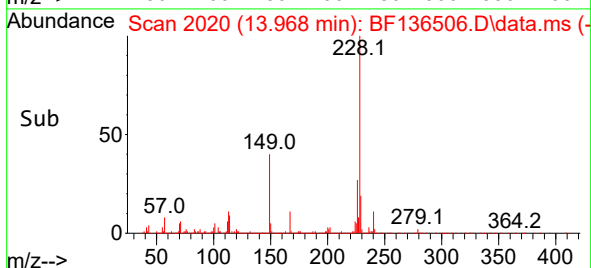
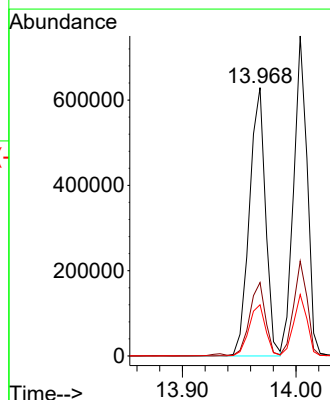
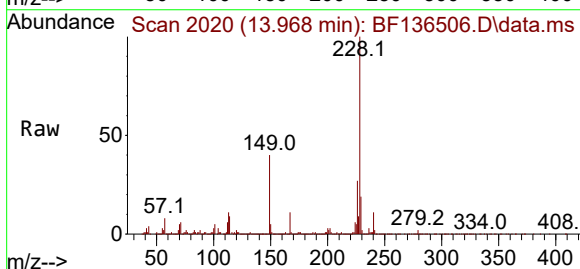
Tgt Ion:228 Resp: 621510

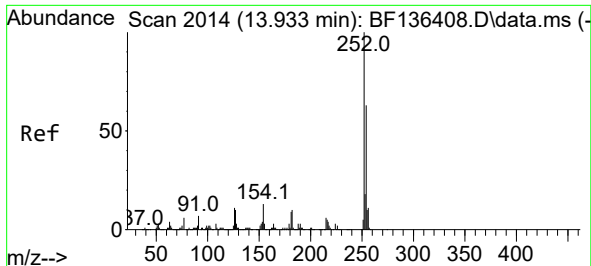
Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.1 15.0 22.4

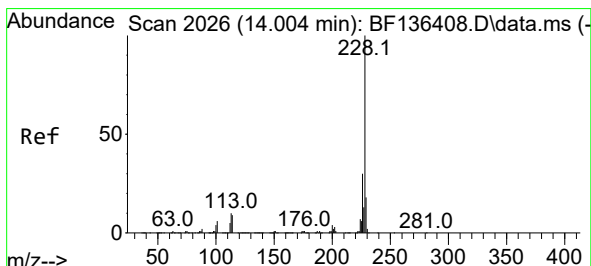
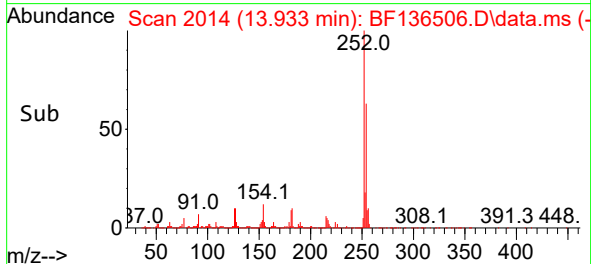
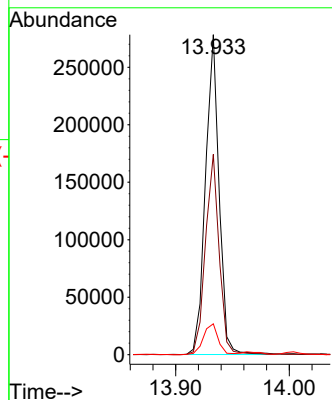
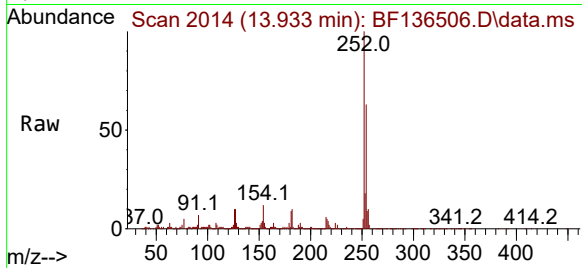




#82
 3,3'-Dichlorobenzidine
 Concen: 51.657 ng
 RT: 13.933 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

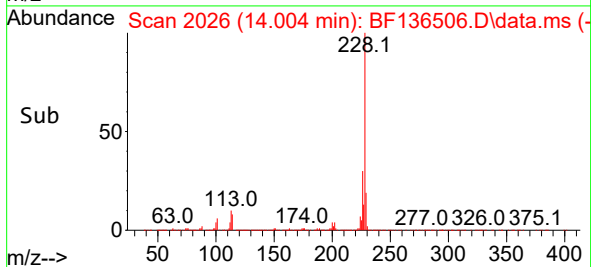
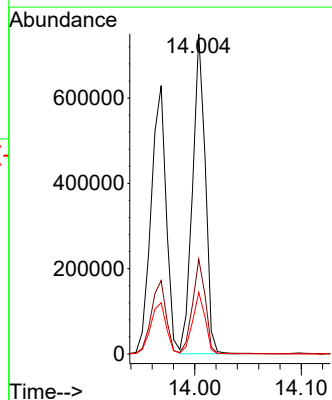
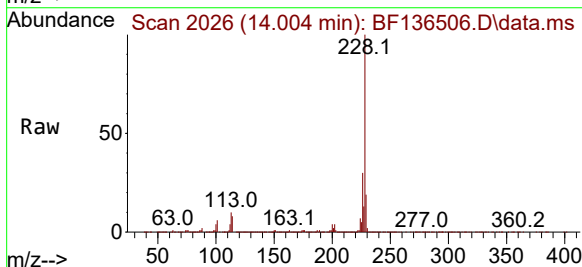
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

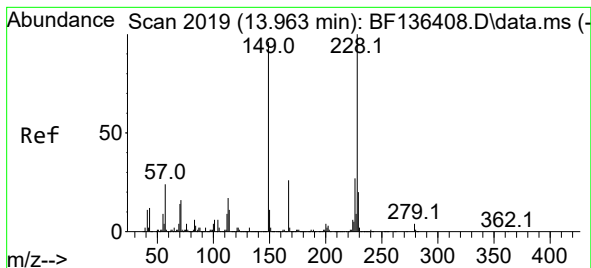
Tgt Ion:252 Resp: 231076
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.8 76.2
 126 9.6 8.6 12.8



#83
 Chrysene
 Concen: 39.498 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

Tgt Ion:228 Resp: 620004
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.8 35.6
 229 19.2 14.8 22.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 41.358 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

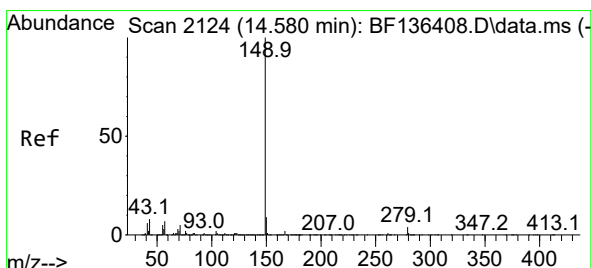
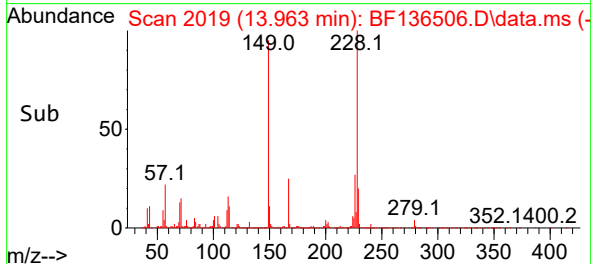
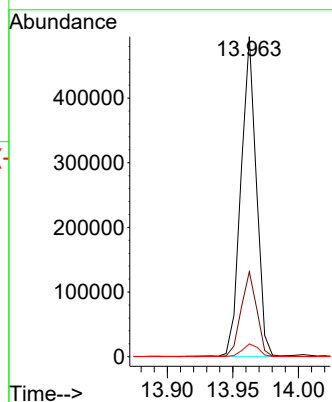
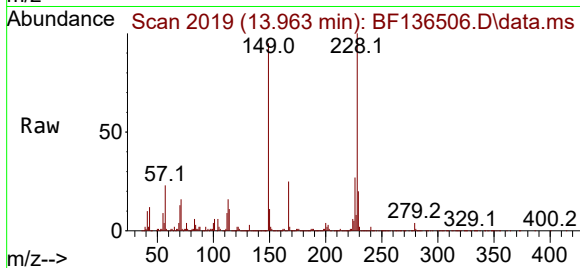
Tgt Ion:149 Resp: 404861

Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.0 3.1 4.7



#85

Di-n-octyl phthalate

Concen: 49.173 ng

RT: 14.580 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

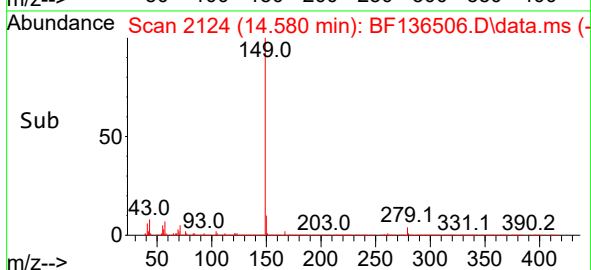
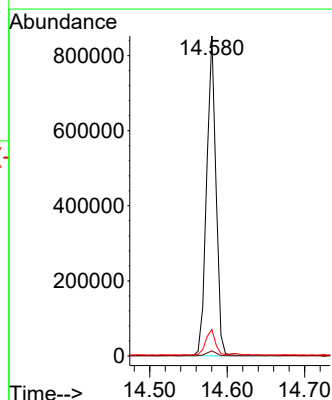
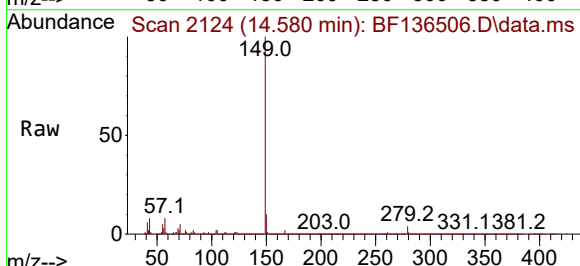
Tgt Ion:149 Resp: 711020

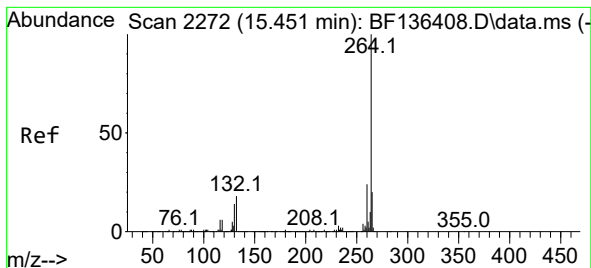
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

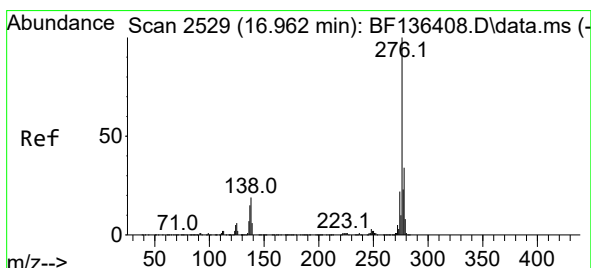
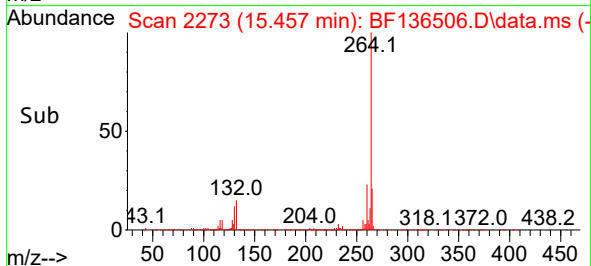
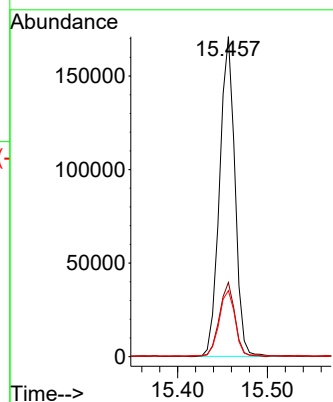
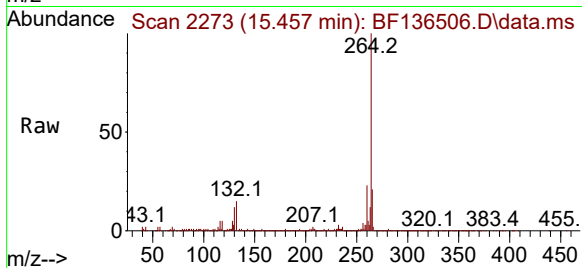
Tgt Ion:264 Resp: 202962

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.6 15.9 23.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 32.544 ng

RT: 16.962 min Scan# 2529

Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

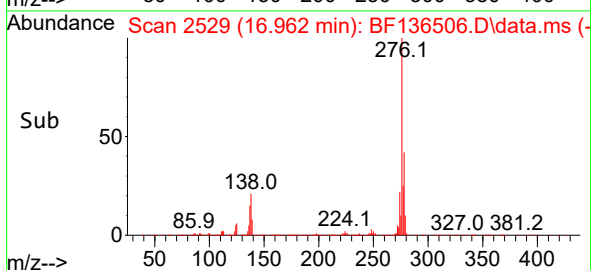
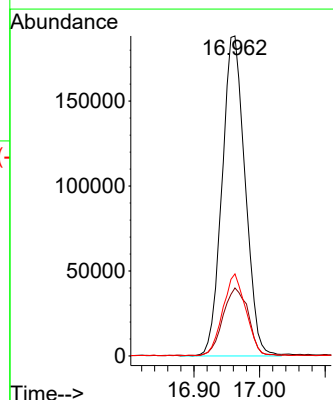
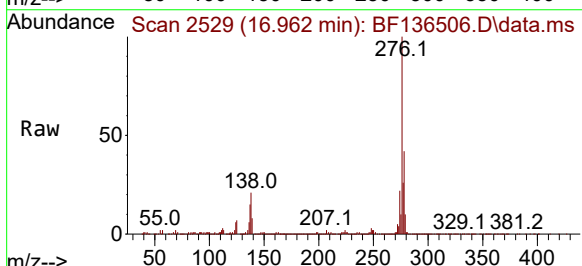
Tgt Ion:276 Resp: 458884

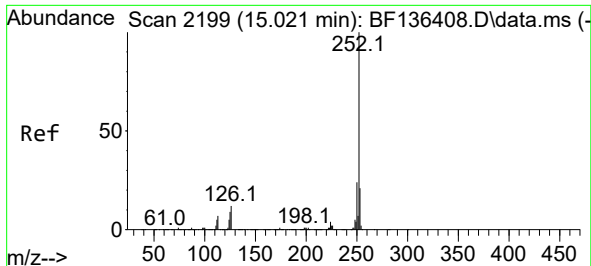
Ion Ratio Lower Upper

276 100

138 23.1 19.0 28.4

277 25.6 20.0 30.0

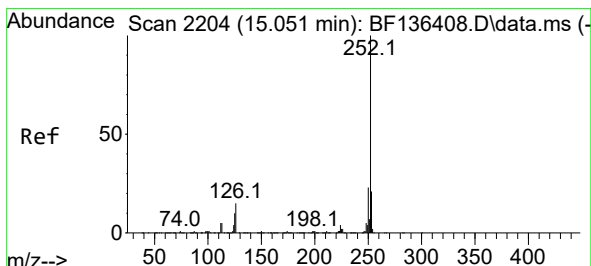
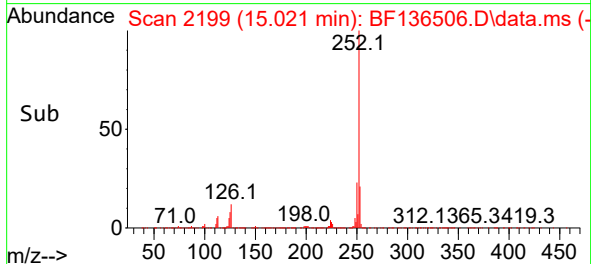
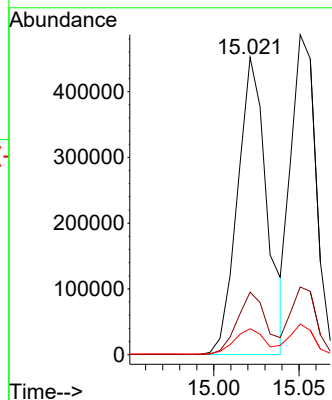
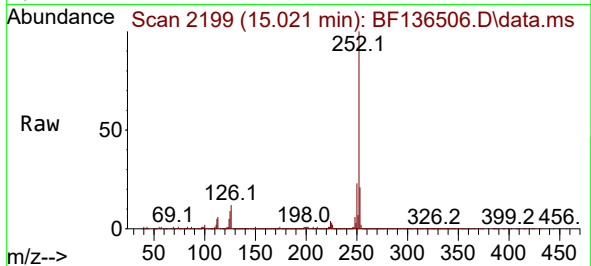




#88
Benzo(b)fluoranthene
Concen: 39.051 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

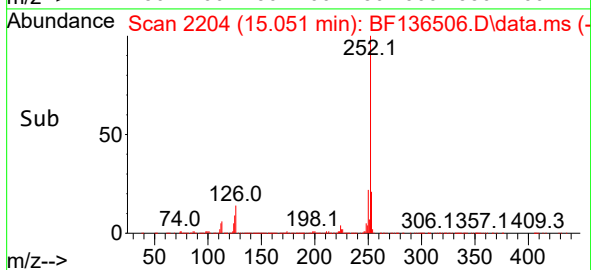
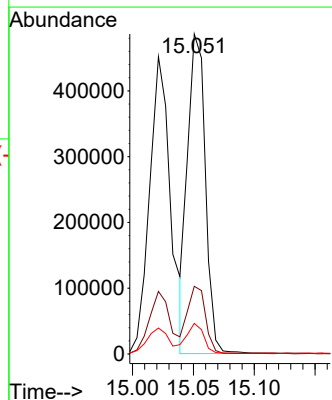
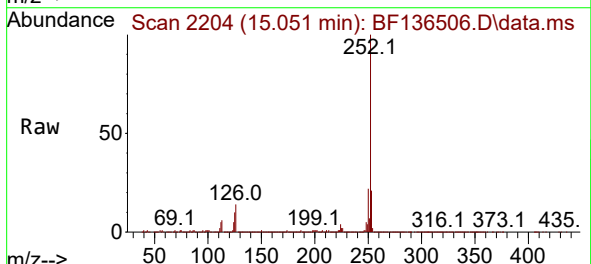
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

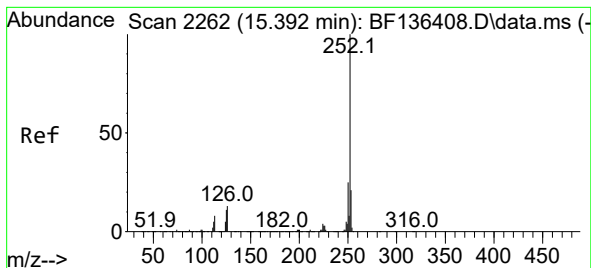
Tgt Ion:252 Resp: 541916
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 8.7 7.4 11.2



#89
Benzo(k)fluoranthene
Concen: 37.770 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:252 Resp: 493950
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 9.6 7.5 11.3





#90

Benzo(a)pyrene

Concen: 41.173 ng

RT: 15.392 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

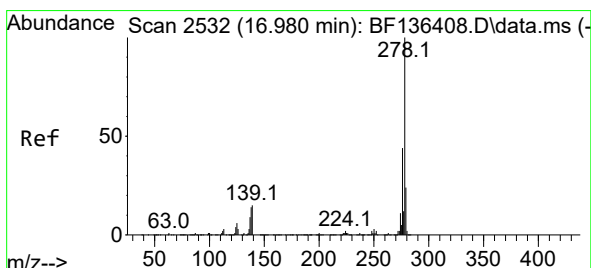
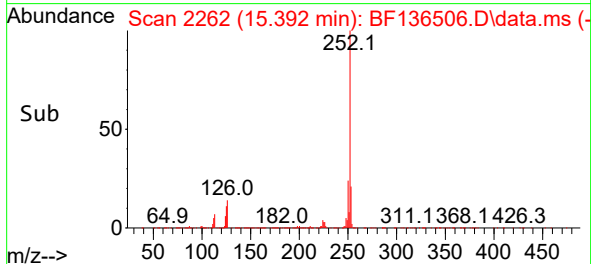
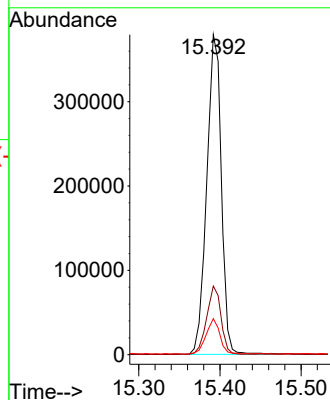
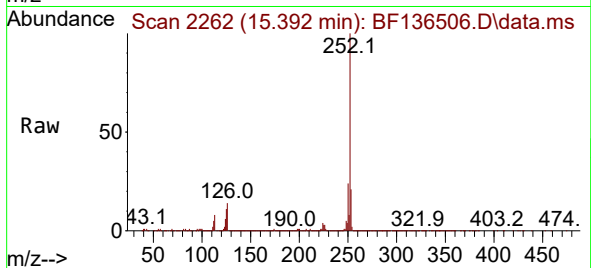
Tgt Ion:252 Resp: 471852

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.4

125 11.3 8.6 13.0



#91

Dibenzo(a,h)anthracene

Concen: 33.430 ng

RT: 16.980 min Scan# 2532

Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

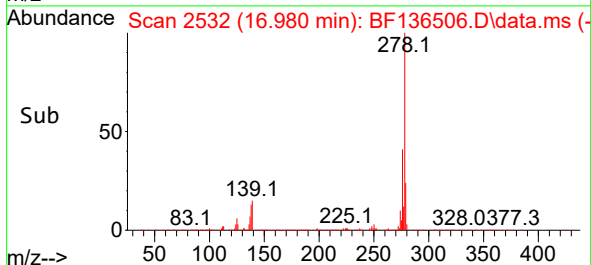
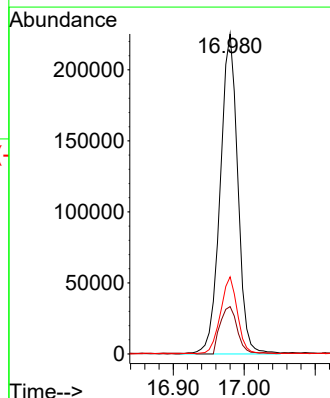
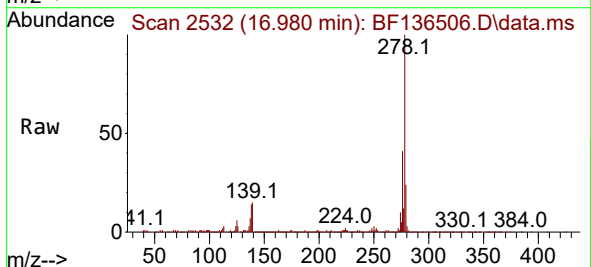
Tgt Ion:278 Resp: 386165

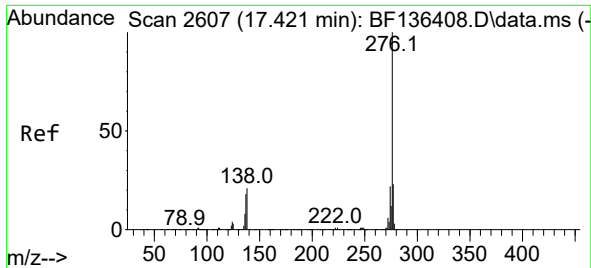
Ion Ratio Lower Upper

278 100

139 14.8 12.2 18.4

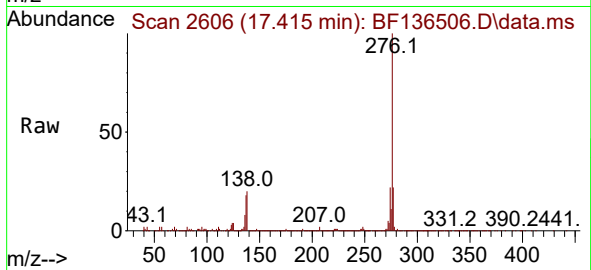
279 24.1 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 30.470 ng
 RT: 17.415 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:276 Resp: 361266
 Ion Ratio Lower Upper
 276 100
 277 22.5 18.7 28.1
 138 19.6 16.6 25.0

