

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136419.D
 Acq On : 06 Dec 2023 10:06
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 06 11:00:24 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	6.804	152	129656	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	532928	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	274519	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	521927	20.000	ng	0.00
76) Chrysene-d12	13.980	240	325978	20.000	ng	0.00
86) Perylene-d12	15.457	264	251549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	679861	77.439	ng	0.00
7) Phenol-d6	6.446	99	851792	77.764	ng	0.00
23) Nitrobenzene-d5	7.369	82	777781	78.898	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	271560	80.228	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1567874	77.931	ng	0.00
79) Terphenyl-d14	12.922	244	1905673	77.053	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	180136	51.875	ng	99
3) Pyridine	3.340	79	409733	48.723	ng	98
4) n-Nitrosodimethylamine	3.310	42	149760	40.991	ng	94
6) Aniline	6.469	93	543018	49.054	ng	99
8) 2-Chlorophenol	6.593	128	378130	39.453	ng	98
9) Benzaldehyde	6.357	77	234722	43.182	ng	99
10) Phenol	6.457	94	462657	39.694	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	343965	39.591	ng	98
12) 1,3-Dichlorobenzene	6.745	146	388150	36.011	ng	99
13) 1,4-Dichlorobenzene	6.822	146	398401	36.437	ng	99
14) 1,2-Dichlorobenzene	6.975	146	370970	36.080	ng	99
15) Benzyl Alcohol	6.945	79	290613	39.621	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	433315	38.779	ng	99
17) 2-Methylphenol	7.057	107	337090	43.533	ng	97
18) Hexachloroethane	7.310	117	141298	37.014	ng	100
19) n-Nitroso-di-n-propyla...	7.222	70	249313	39.457	ng	99
20) 3+4-Methylphenols	7.210	107	393461	40.938	ng	95
22) Acetophenone	7.216	105	509623	38.725	ng	99
24) Nitrobenzene	7.387	77	379457	38.264	ng	99
25) Isophorone	7.622	82	693897	39.179	ng	99
26) 2-Nitrophenol	7.698	139	194409	39.876	ng	97
27) 2,4-Dimethylphenol	7.740	122	311679	51.846	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	424377	38.994	ng	99
29) 2,4-Dichlorophenol	7.940	162	307570	38.761	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	340386	36.788	ng	98
31) Naphthalene	8.104	128	1114342	37.917	ng	99
32) Benzoic acid	7.863	122	238607	40.011	ng	97
33) 4-Chloroaniline	8.151	127	467099	44.582	ng	97
34) Hexachlorobutadiene	8.216	225	196270	35.793	ng	99
35) Caprolactam	8.534	113	99164	40.581	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	331167	39.307	ng	98
37) 2-Methylnaphthalene	8.792	142	736285	39.380	ng	98
38) 1-Methylnaphthalene	8.892	142	687647	37.480	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	340181	39.831	ng	100
41) Hexachlorocyclopentadiene	8.945	237	167010	52.783	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	215986	38.839	ng	99

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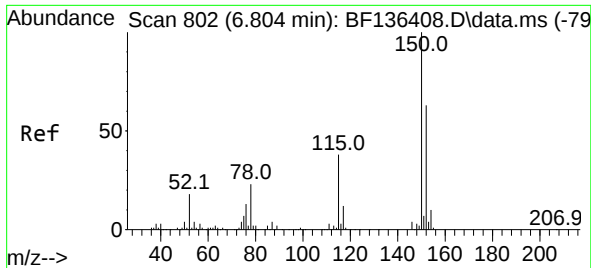
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	258980	41.726	ng	99
46) 1,1'-Biphenyl	9.263	154	926030	39.644	ng	100
47) 2-Chloronaphthalene	9.286	162	679741	37.388	ng	99
48) 2-Nitroaniline	9.381	65	208103	42.678	ng	99
49) Acenaphthylene	9.698	152	1068989	41.276	ng	99
50) Dimethylphthalate	9.569	163	830671	41.100	ng	100
51) 2,6-Dinitrotoluene	9.628	165	177026	38.933	ng	98
52) Acenaphthene	9.875	154	662228	39.902	ng	99
53) 3-Nitroaniline	9.798	138	194208	41.827	ng	97
54) 2,4-Dinitrophenol	9.904	184	114927	49.992	ng	99
55) Dibenzofuran	10.045	168	986181	40.676	ng	99
56) 4-Nitrophenol	9.957	139	138253	39.719	ng	98
57) 2,4-Dinitrotoluene	10.034	165	240261	39.943	ng	99
58) Fluorene	10.386	166	763457	39.228	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	202351	40.701	ng	100
60) Diethylphthalate	10.263	149	800998	40.304	ng	98
61) 4-Chlorophenyl-phenyle...	10.381	204	378660	39.911	ng	99
62) 4-Nitroaniline	10.416	138	194328	42.150	ng	97
63) Azobenzene	10.545	77	725325	40.096	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	136896	42.352	ng	98
66) n-Nitrosodiphenylamine	10.504	169	679168	40.553	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	241560	39.807	ng	99
68) Hexachlorobenzene	10.933	284	256973	36.640	ng	98
69) Atrazine	11.033	200	156648	32.771	ng	98
70) Pentachlorophenol	11.133	266	153404	38.755	ng	96
71) Phenanthrene	11.351	178	1161129	40.475	ng	100
72) Anthracene	11.404	178	1183989	40.976	ng	100
73) Carbazole	11.563	167	999854	39.097	ng	99
74) Di-n-butylphthalate	11.898	149	1280172	40.833	ng	100
75) Fluoranthene	12.545	202	1186896	39.480	ng	99
77) Benzidine	12.669	184	219791	33.291	ng	98
78) Pyrene	12.775	202	1192430	37.351	ng	99
80) Butylbenzylphthalate	13.398	149	473211	41.639	ng	90
81) Benzo(a)anthracene	13.969	228	887862	39.102	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	284357	44.665	ng	99
83) Chrysene	14.004	228	887388	39.722	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	600635	43.112	ng	99
85) Di-n-octyl phthalate	14.580	149	909535	44.197	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	706655	40.436	ng	99
88) Benzo(b)fluoranthene	15.021	252	633877	36.855	ng	100
89) Benzo(k)fluoranthene	15.051	252	666870	41.143	ng	99
90) Benzo(a)pyrene	15.392	252	595435	41.921	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	583113	40.729	ng	100
92) Benzo(g,h,i)perylene	17.421	276	588883	40.075	ng	98

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

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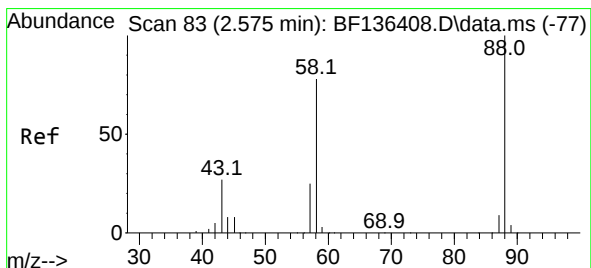
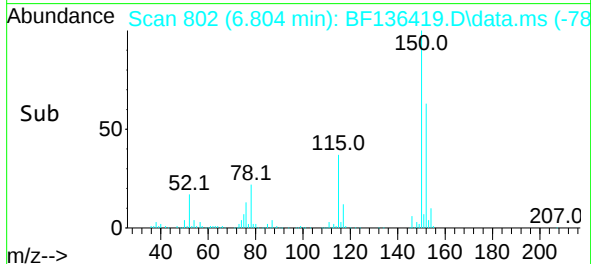
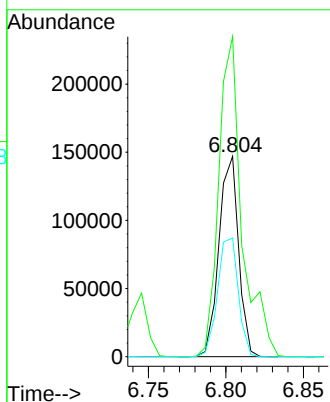
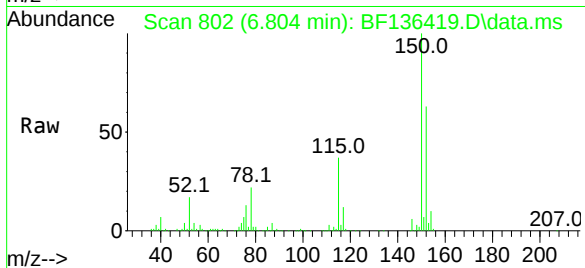




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136419.D
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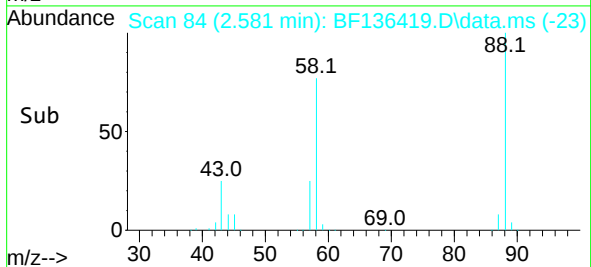
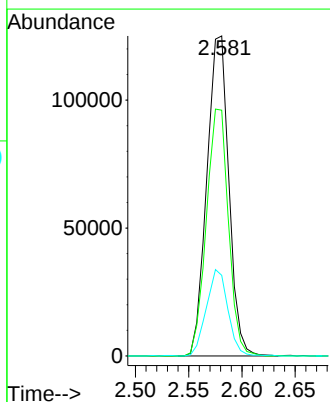
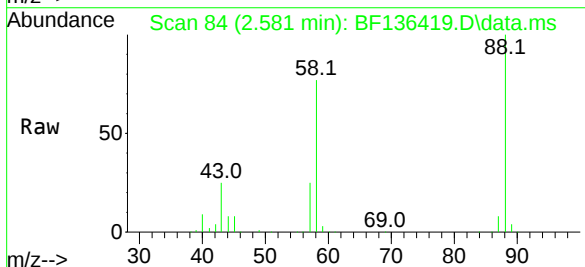
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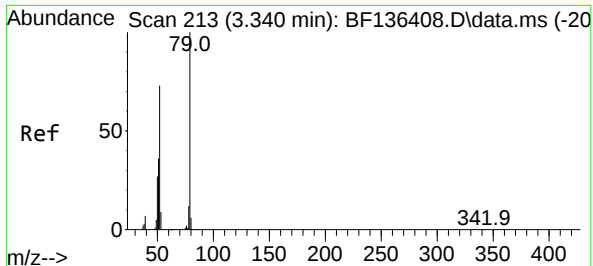
Tgt Ion:152 Resp: 129656
 Ion Ratio Lower Upper
 152 100
 150 159.8 126.4 189.6
 115 59.3 48.2 72.4



#2
 1,4-Dioxane
 Concen: 51.875 ng
 RT: 2.581 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: BF136419.D
 Acq: 06 Dec 2023 10:06

Tgt Ion: 88 Resp: 180136
 Ion Ratio Lower Upper
 88 100
 58 77.3 62.2 93.2
 43 26.6 21.5 32.3

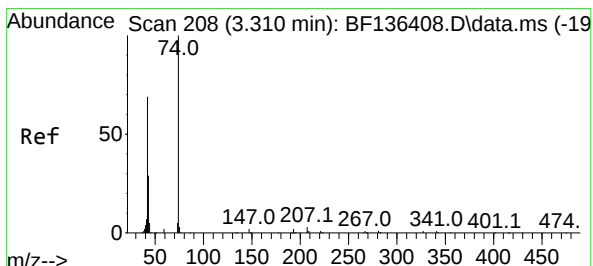
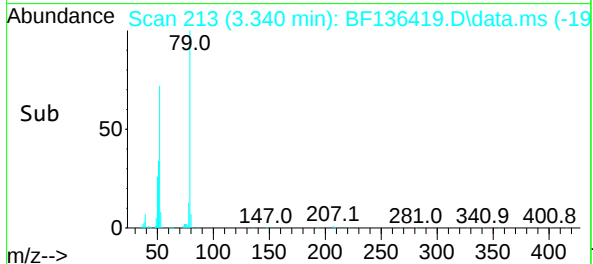
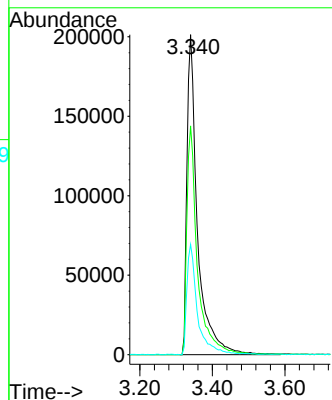
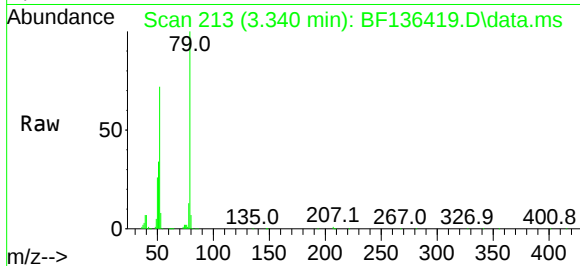




#3
 Pyridine
 Concen: 48.723 ng
 RT: 3.340 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: BF136419.D
 Acq: 06 Dec 2023 10:06

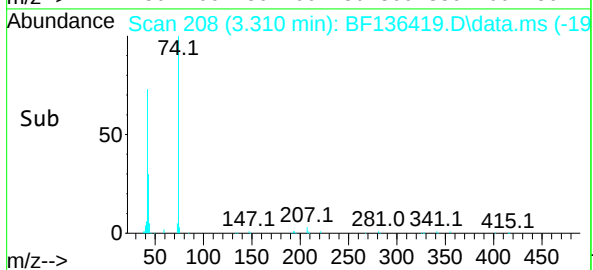
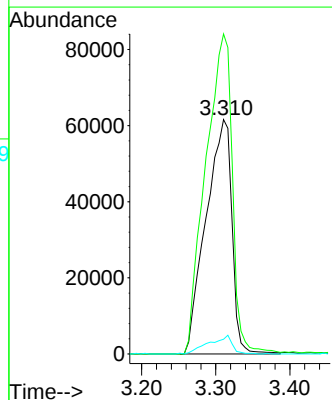
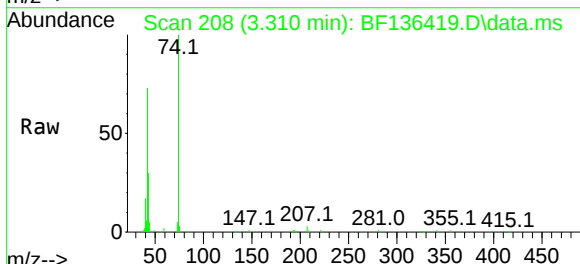
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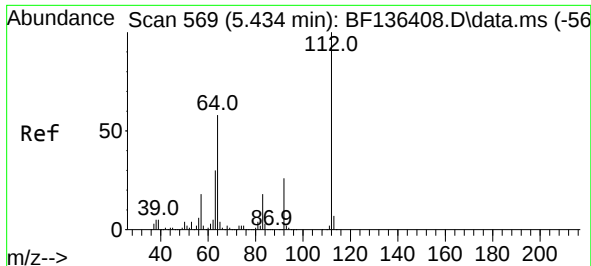
Tgt Ion: 79 Resp: 409733
 Ion Ratio Lower Upper
 79 100
 52 71.5 58.2 87.2
 51 34.4 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 40.991 ng
 RT: 3.310 min Scan# 208
 Delta R.T. 0.000 min
 Lab File: BF136419.D
 Acq: 06 Dec 2023 10:06

Tgt Ion: 42 Resp: 149760
 Ion Ratio Lower Upper
 42 100
 74 136.5 115.4 173.0
 44 6.3 6.2 9.2

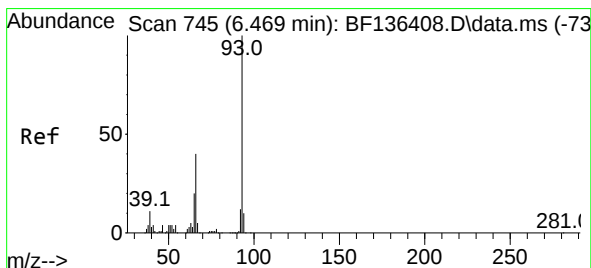
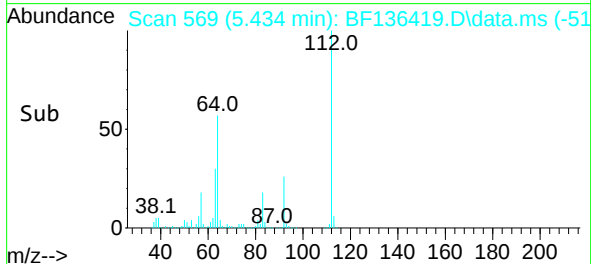
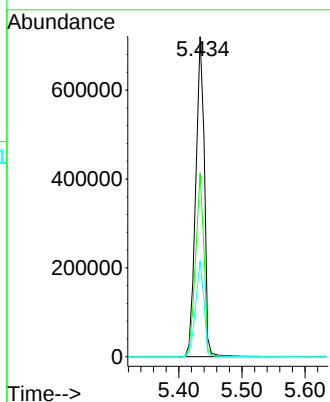
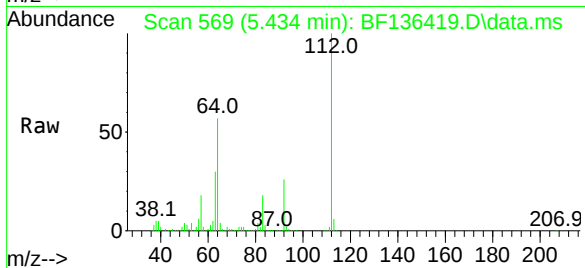




#5
2-Fluorophenol
Concen: 77.439 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

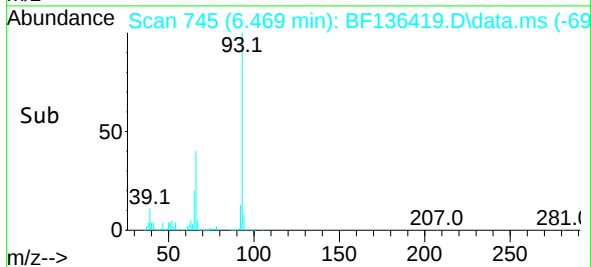
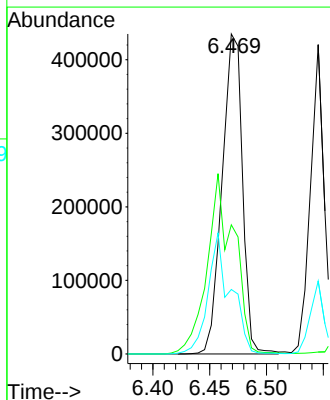
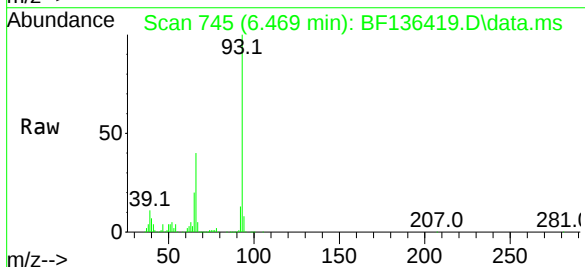
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Tgt Ion:112 Resp: 679861
Ion Ratio Lower Upper
112 100
64 57.4 46.5 69.7
63 29.9 23.9 35.9



#6
Aniline
Concen: 49.054 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion: 93 Resp: 543018
Ion Ratio Lower Upper
93 100
66 40.3 32.5 48.7
65 20.1 16.4 24.6

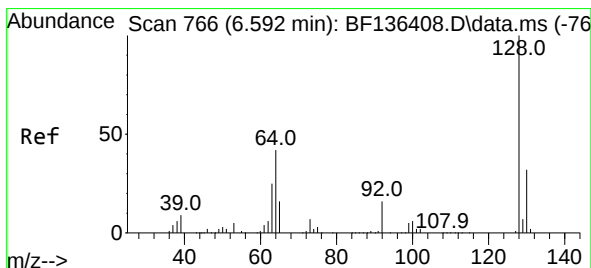
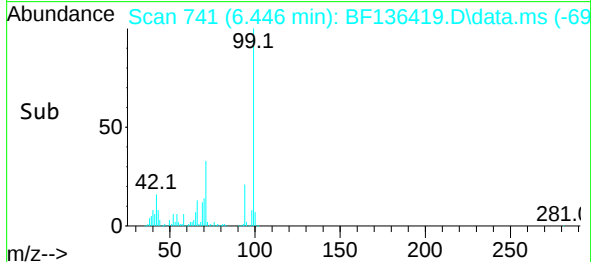
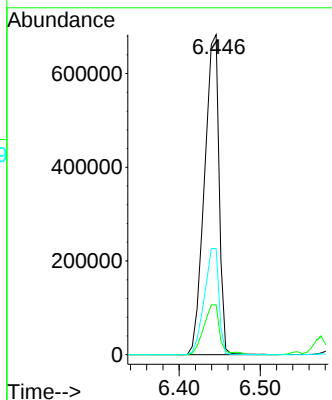
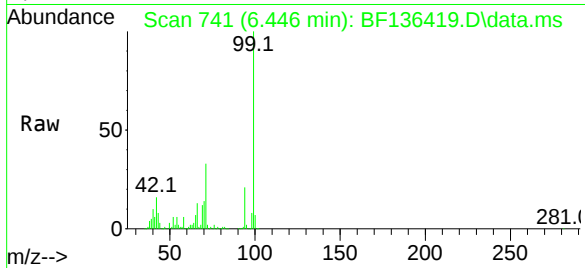




#7
Phenol-d6
Concen: 77.764 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136419.D
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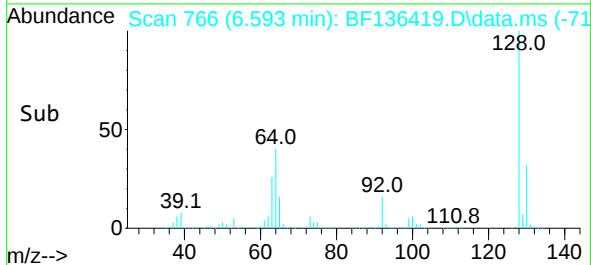
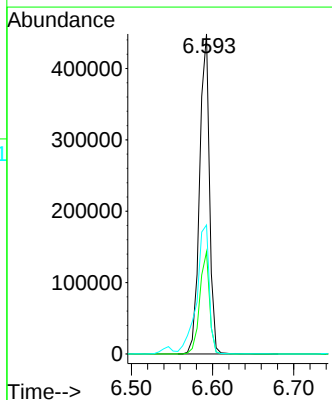
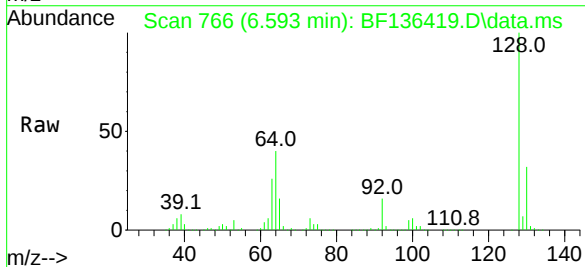
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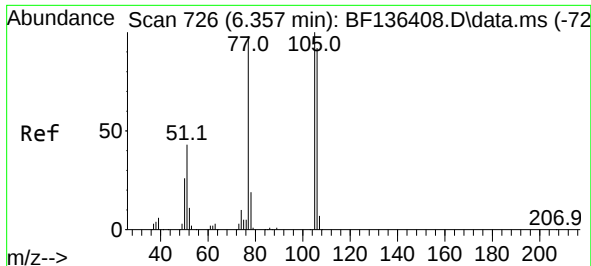
Tgt Ion: 99 Resp: 851792
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 33.2 27.0 40.4



#8
2-Chlorophenol
Concen: 39.453 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136419.D
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Tgt Ion:128 Resp: 378130
Ion Ratio Lower Upper
128 100
130 31.9 11.7 51.7
64 40.3 22.5 62.5

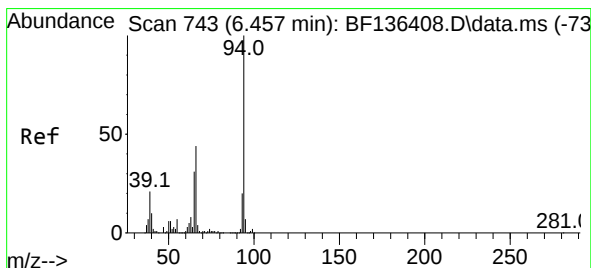
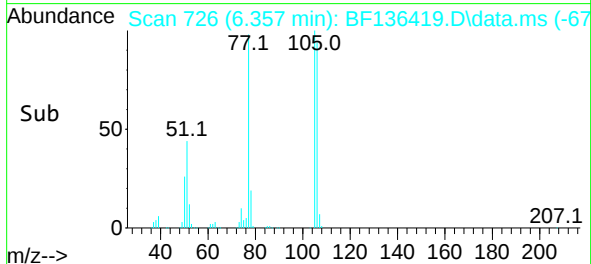
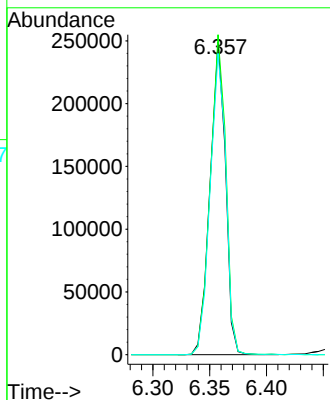
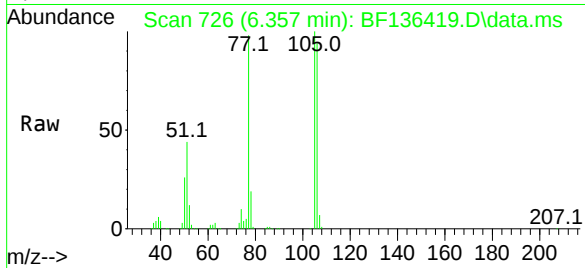




#9
Benzaldehyde
Concen: 43.182 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

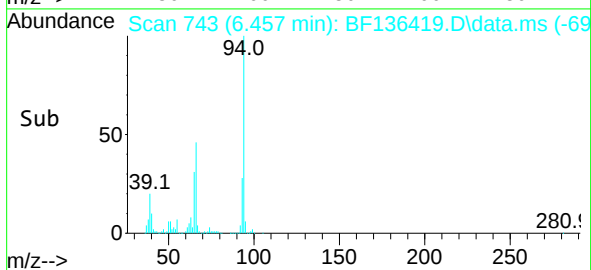
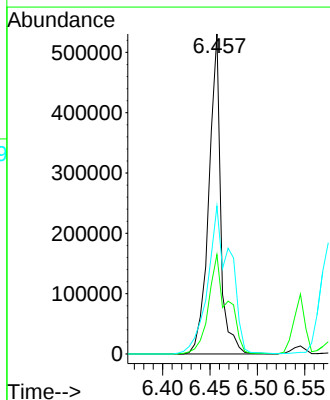
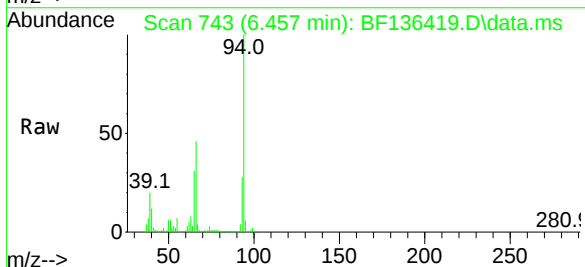
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Tgt Ion: 77 Resp: 234722
Ion Ratio Lower Upper
77 100
105 102.4 82.5 122.5
106 96.4 74.5 114.5



#10
Phenol
Concen: 39.694 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion: 94 Resp: 462657
Ion Ratio Lower Upper
94 100
65 31.0 11.2 51.2
66 46.2 24.2 64.2

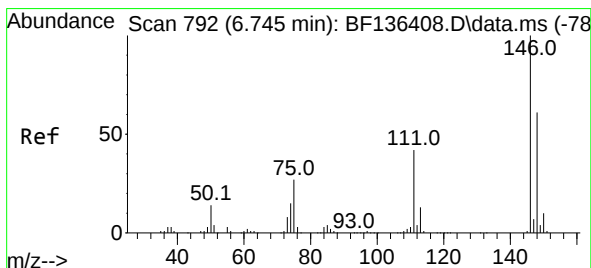
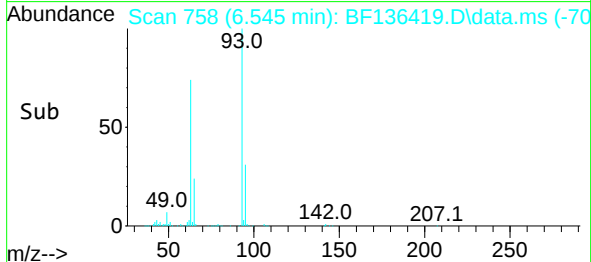
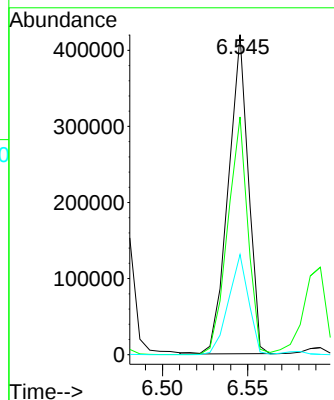
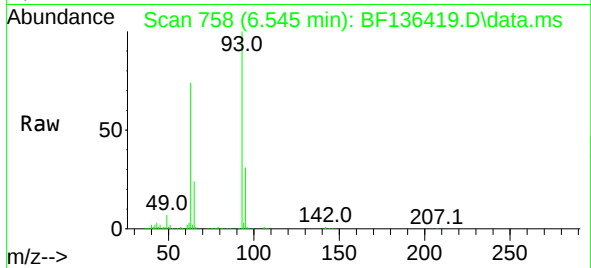




#11
bis(2-Chloroethyl)ether
Concen: 39.591 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

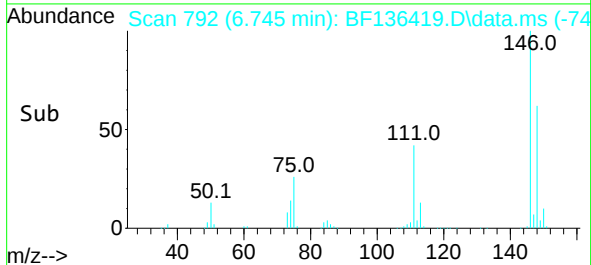
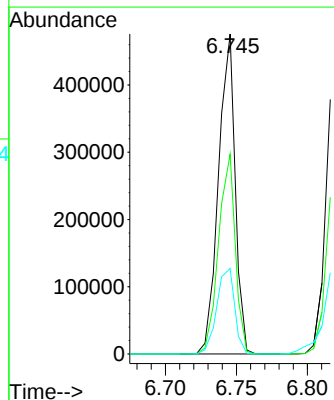
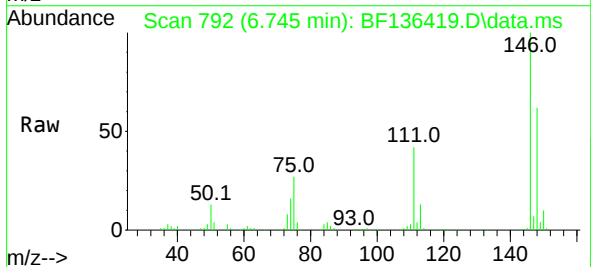
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

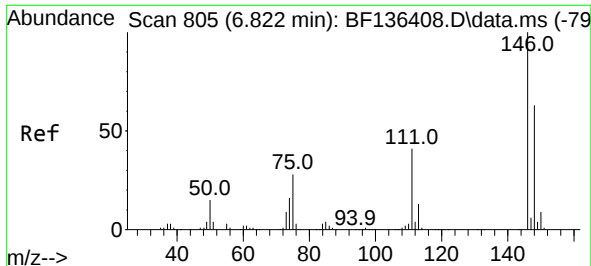
Tgt Ion: 93 Resp: 343965
Ion Ratio Lower Upper
93 100
63 74.3 56.8 96.8
95 31.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.011 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:146 Resp: 388150
Ion Ratio Lower Upper
146 100
148 62.5 49.0 73.6
75 26.7 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 36.437 ng

RT: 6.822 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

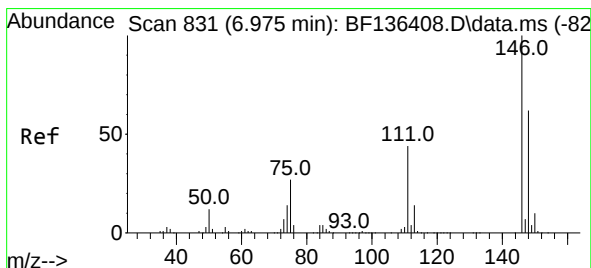
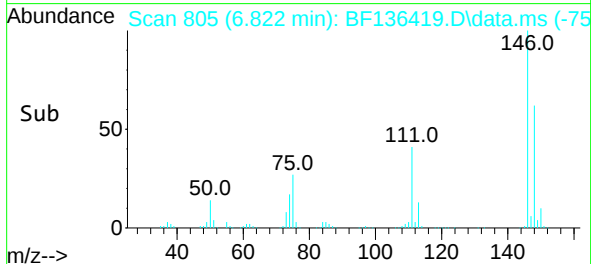
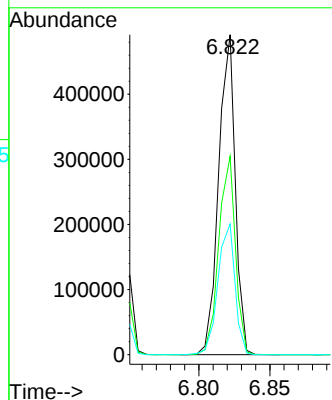
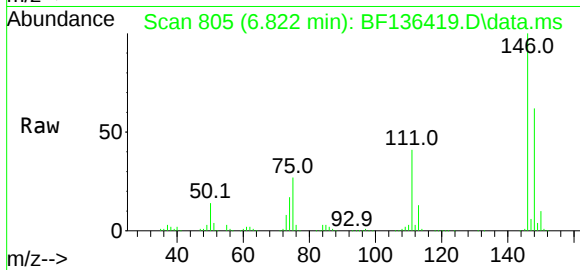
Tgt Ion:146 Resp: 398401

Ion Ratio Lower Upper

146 100

148 62.0 50.3 75.5

111 40.9 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 36.080 ng

RT: 6.975 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

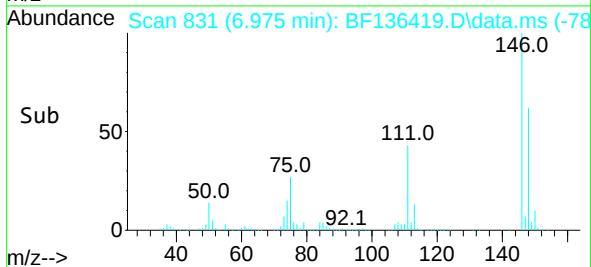
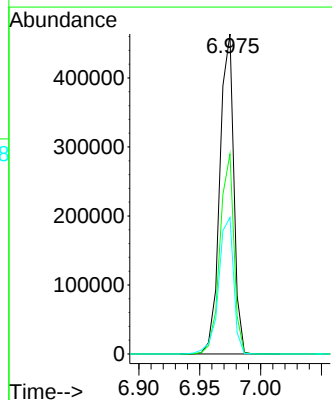
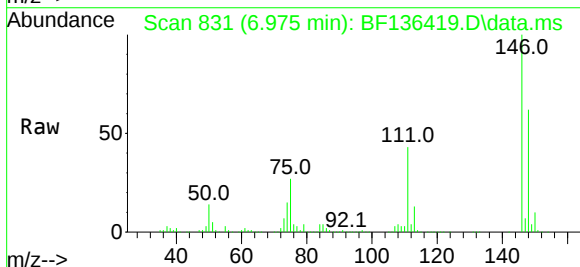
Tgt Ion:146 Resp: 370970

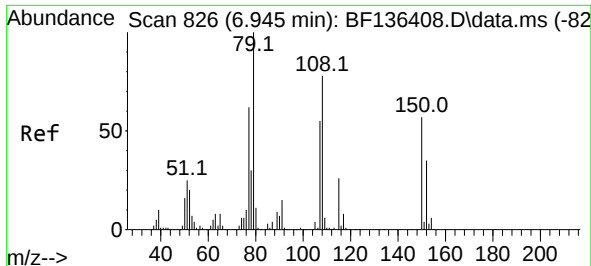
Ion Ratio Lower Upper

146 100

148 62.5 49.8 74.6

111 42.7 34.9 52.3

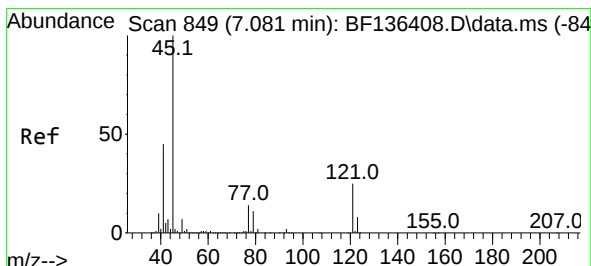
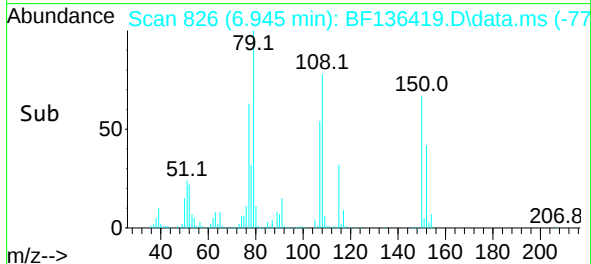
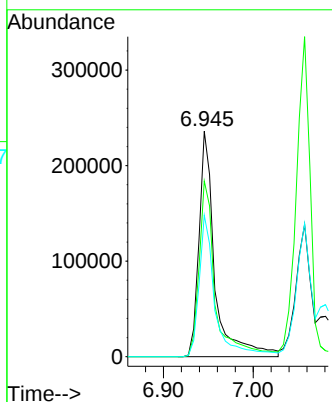
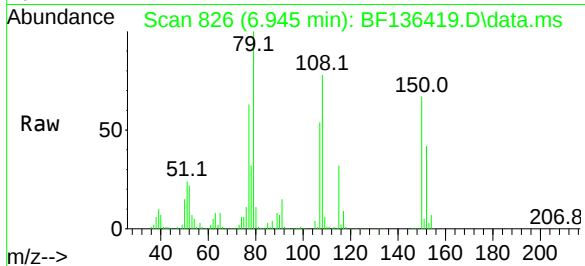




#15
Benzyl Alcohol
Concen: 39.621 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

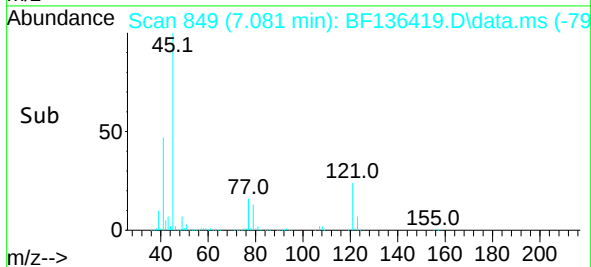
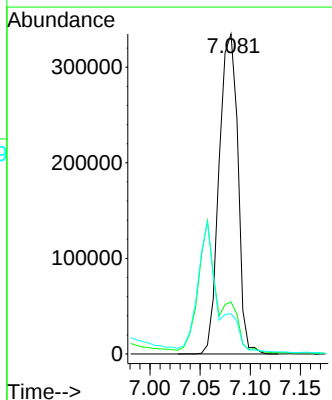
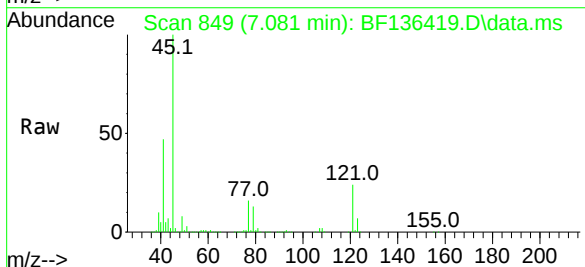
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 290613
Ion Ratio Lower Upper
79 100
108 77.9 62.3 93.5
77 62.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.779 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion: 45 Resp: 433315
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.3
79 12.6 0.0 32.5

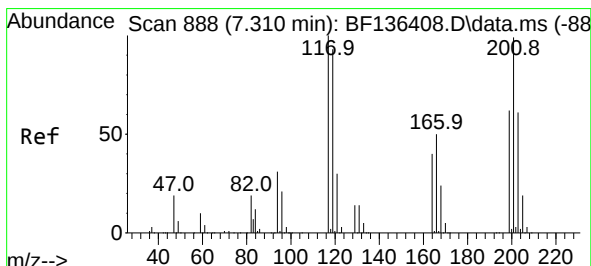
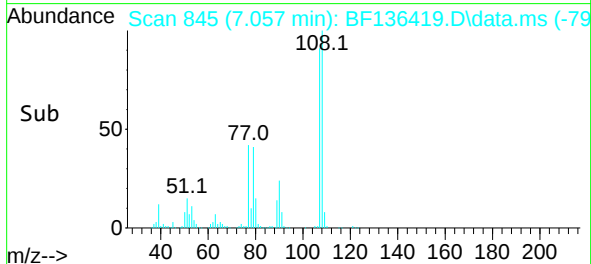
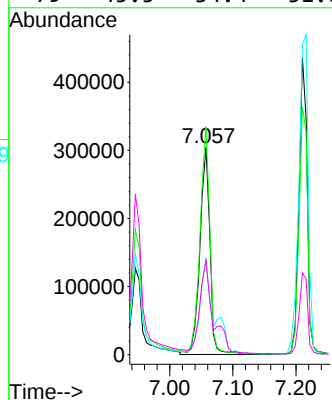
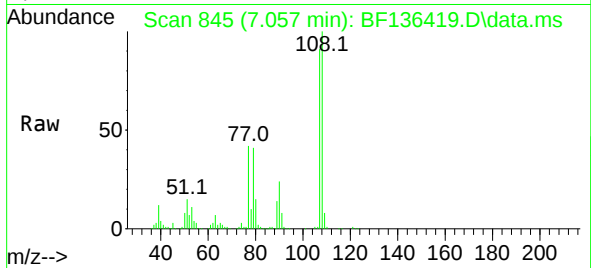




#17
2-Methylphenol
Concen: 43.533 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

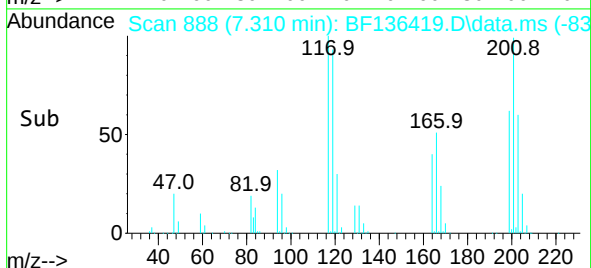
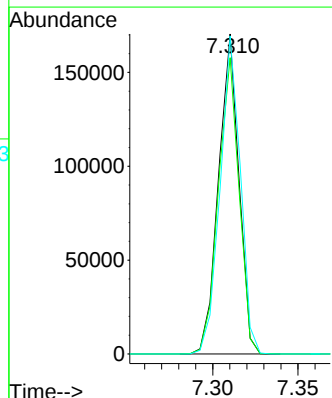
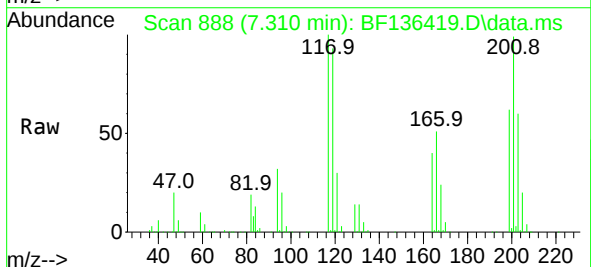
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

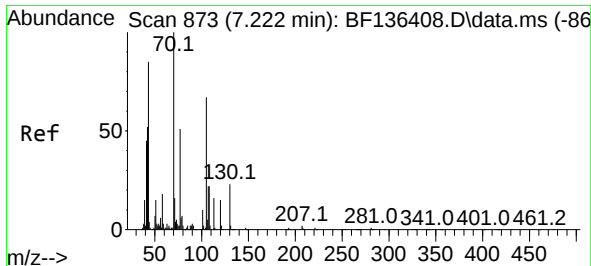
Tgt Ion:	107	Resp:	337090
Ion	Ratio	Lower	Upper
107	100		
108	110.2	86.5	129.7
77	45.9	33.8	50.8
79	45.5	34.4	51.6



#18
Hexachloroethane
Concen: 37.014 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:	117	Resp:	141298
Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.3	111.5
201	99.4	79.3	118.9

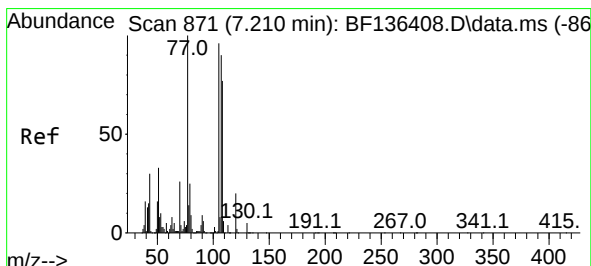
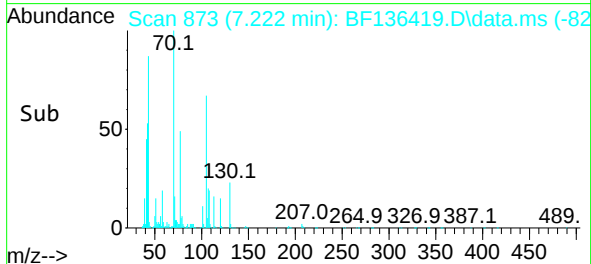
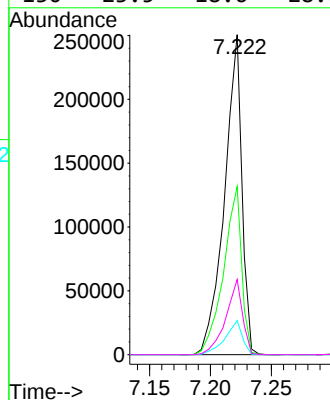
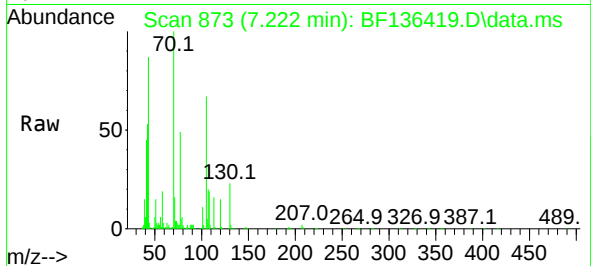




#19
n-Nitroso-di-n-propylamine
Concen: 39.457 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

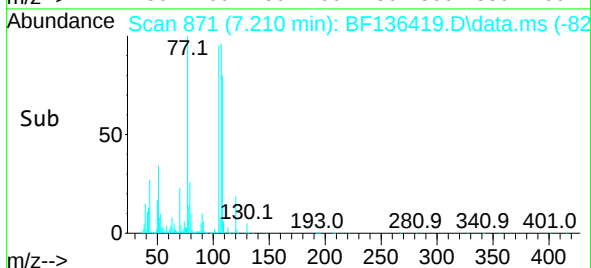
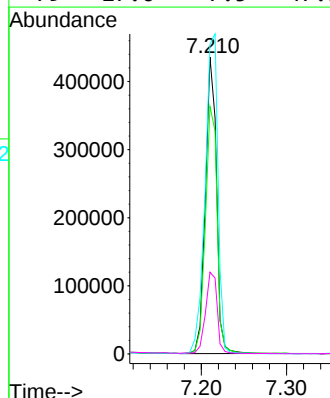
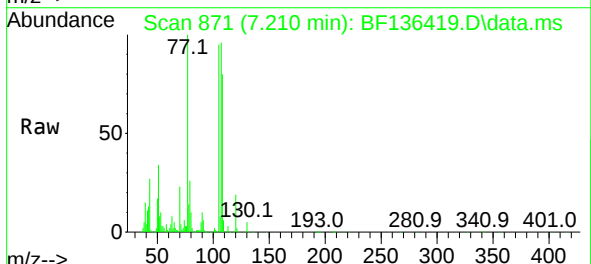
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

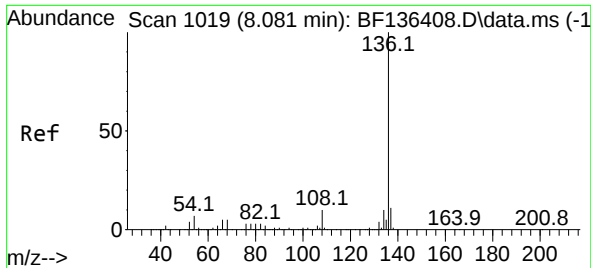
Tgt Ion: 70 Resp: 249313
Ion Ratio Lower Upper
70 100
42 52.6 41.4 62.0
101 10.7 8.2 12.4
130 23.5 18.6 28.0



#20
3+4-Methylphenols
Concen: 40.938 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion: 107 Resp: 393461
Ion Ratio Lower Upper
107 100
108 83.3 65.9 105.9
77 104.3 91.7 131.7
79 27.6 7.5 47.5

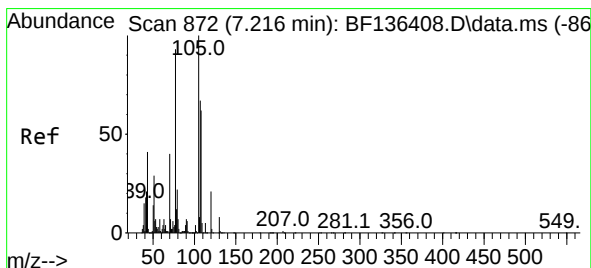
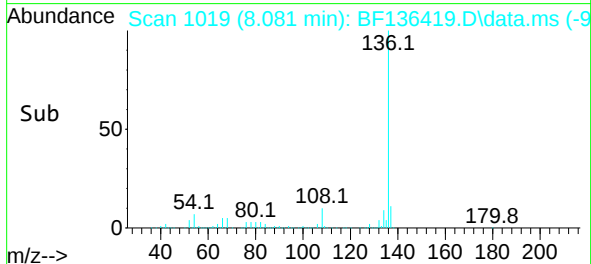
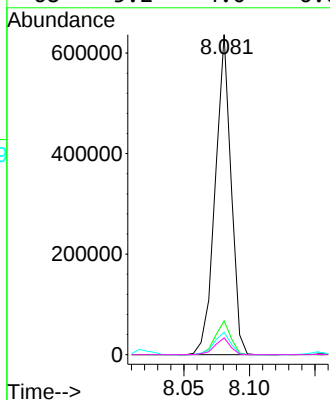
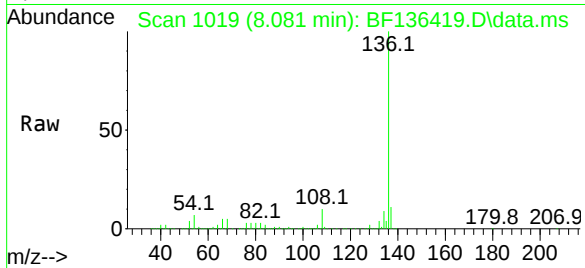




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

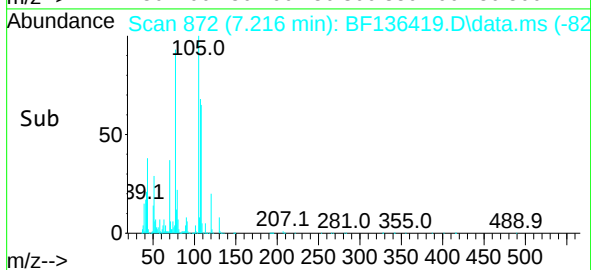
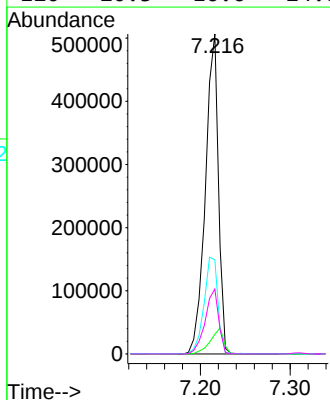
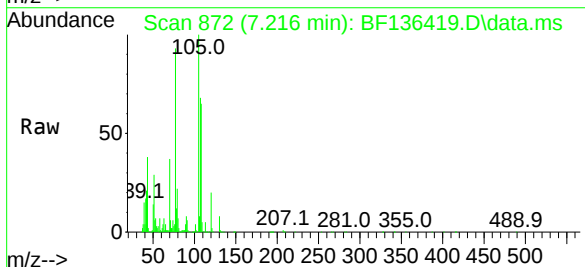
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

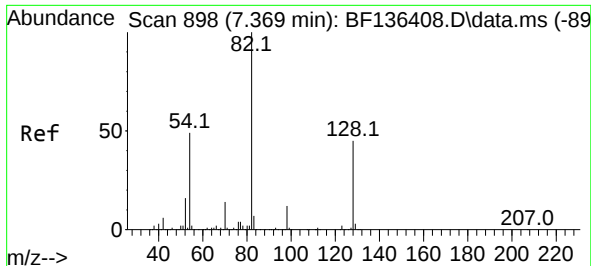
Tgt Ion:136 Resp: 532928
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.0 5.7 8.5
68 5.2 4.0 6.0



#22
Acetophenone
Concen: 38.725 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:105 Resp: 509623
Ion Ratio Lower Upper
105 100
71 6.1 5.4 8.0
51 29.4 23.4 35.2
120 20.3 16.6 24.8





#23

Nitrobenzene-d5

Concen: 78.898 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

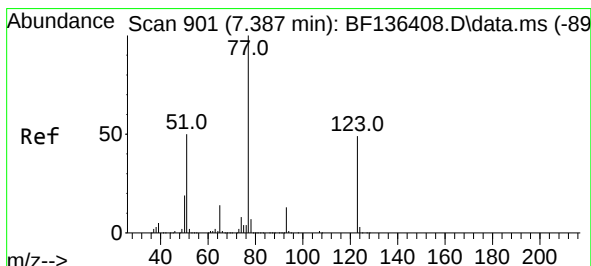
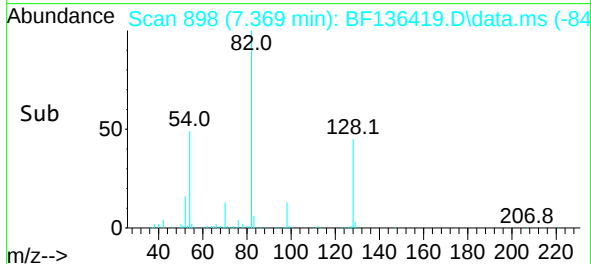
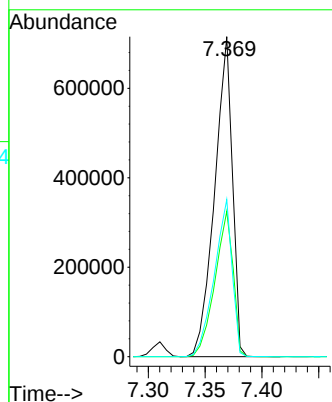
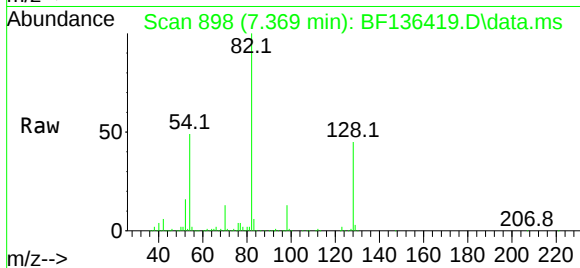
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 777781

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.3	54.5
54	49.1	39.0	58.6



#24

Nitrobenzene

Concen: 38.264 ng

RT: 7.387 min Scan# 901

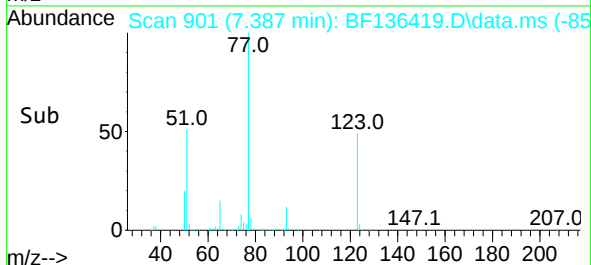
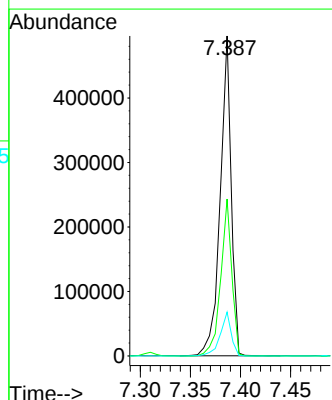
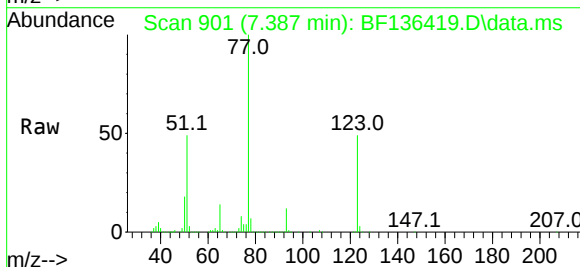
Delta R.T. 0.000 min

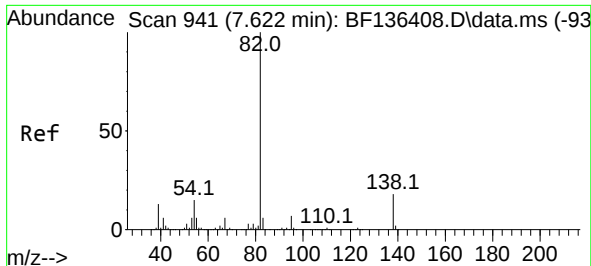
Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Tgt Ion: 77 Resp: 379457

Ion	Ratio	Lower	Upper
77	100		
123	49.1	39.0	58.6
65	13.7	11.3	16.9

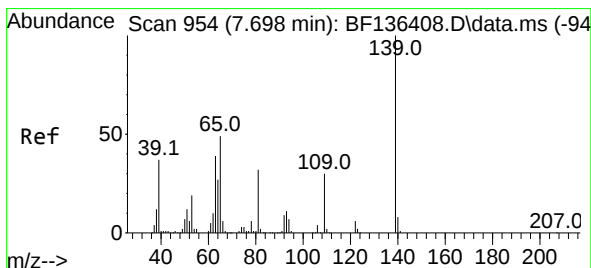
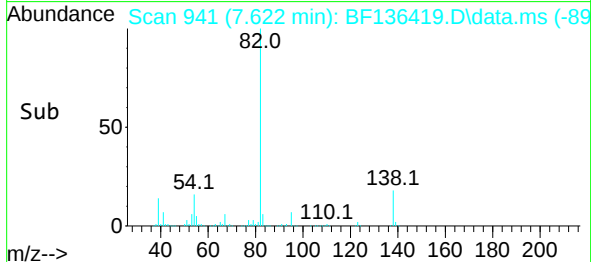
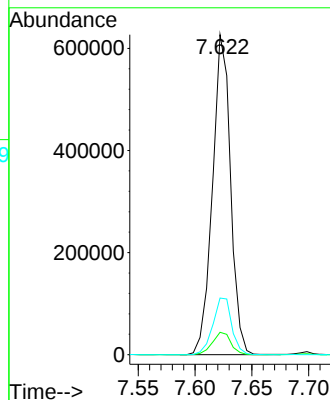
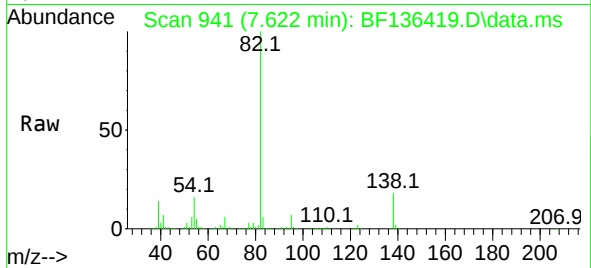




#25
Isophorone
Concen: 39.179 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

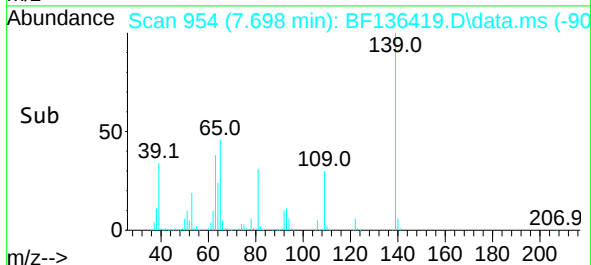
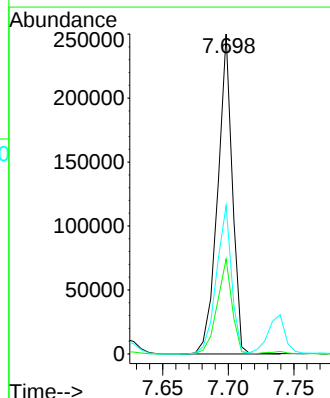
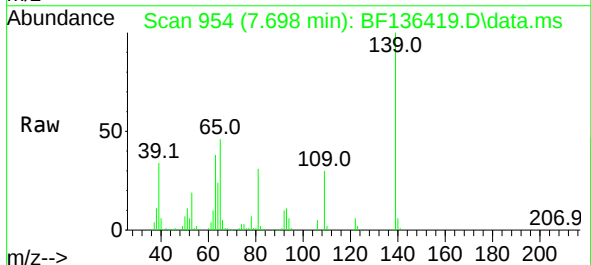
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

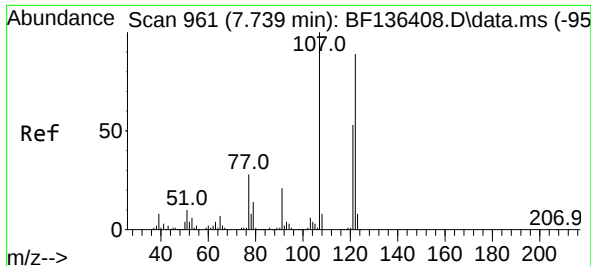
Tgt Ion: 82 Resp: 693897
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.7 14.5 21.7



#26
2-Nitrophenol
Concen: 39.876 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion: 139 Resp: 194409
Ion Ratio Lower Upper
139 100
109 29.7 23.6 35.4
65 46.3 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 51.846 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

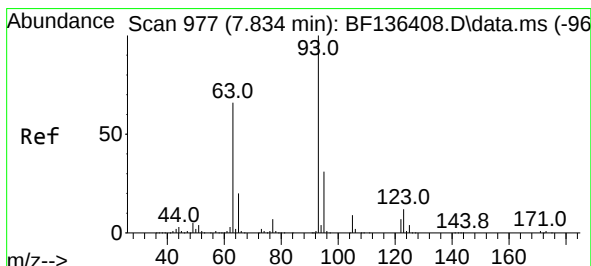
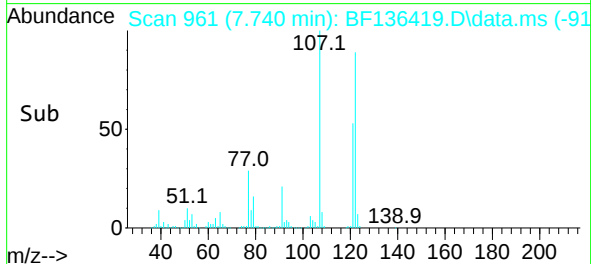
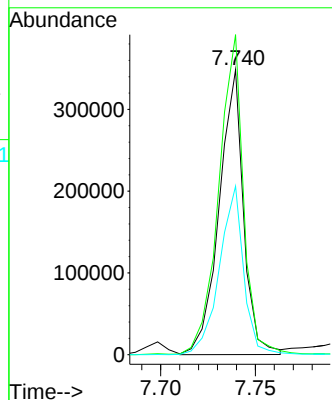
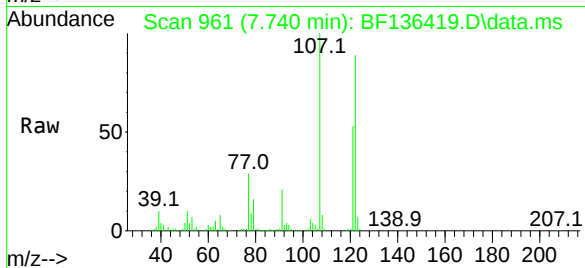
Tgt Ion:122 Resp: 311679

Ion Ratio Lower Upper

122 100

107 112.3 89.3 133.9

121 59.2 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.994 ng

RT: 7.834 min Scan# 977

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

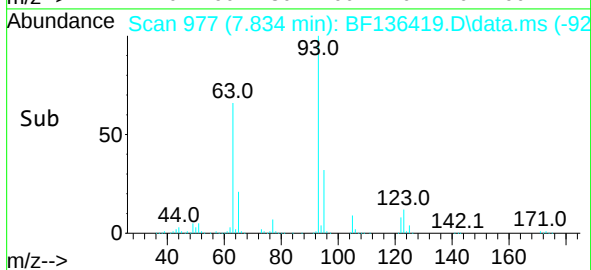
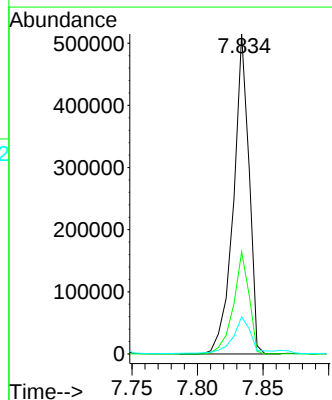
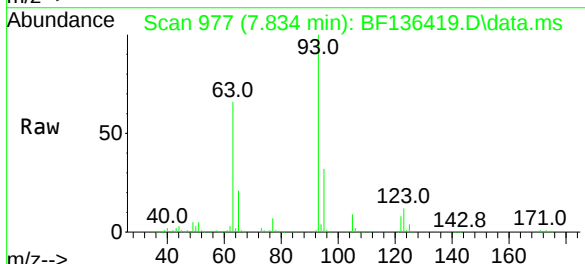
Tgt Ion: 93 Resp: 424377

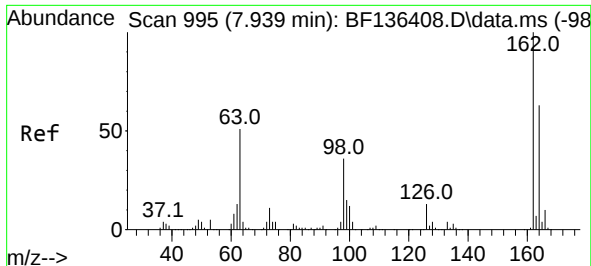
Ion Ratio Lower Upper

93 100

95 32.0 25.0 37.4

123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 38.761 ng

RT: 7.940 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

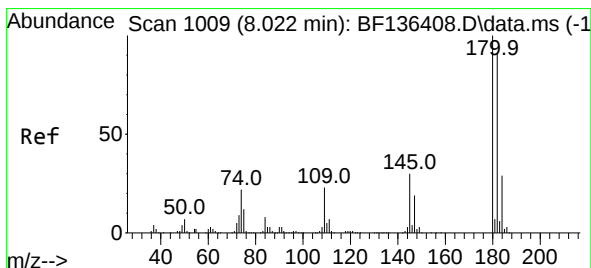
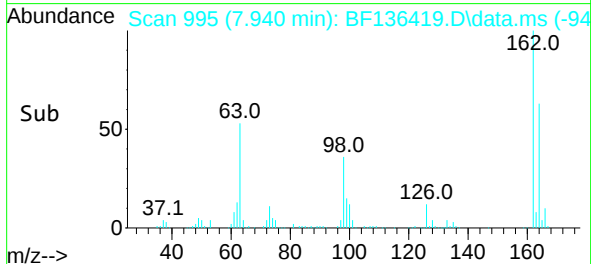
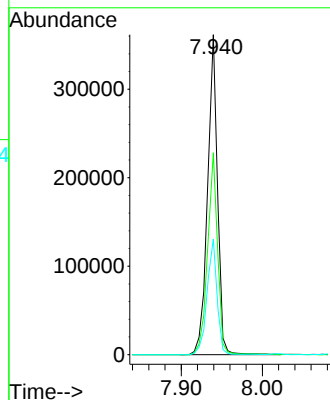
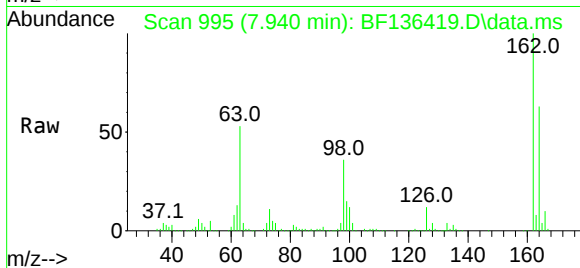
Tgt Ion:162 Resp: 307570

Ion Ratio Lower Upper

162 100

164 63.1 43.0 83.0

98 36.1 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 36.788 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

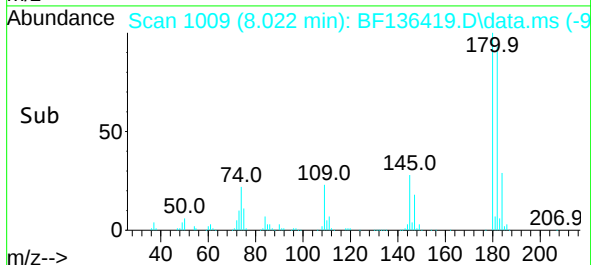
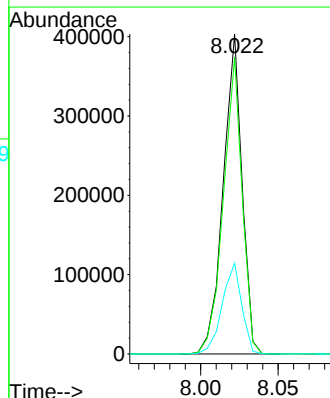
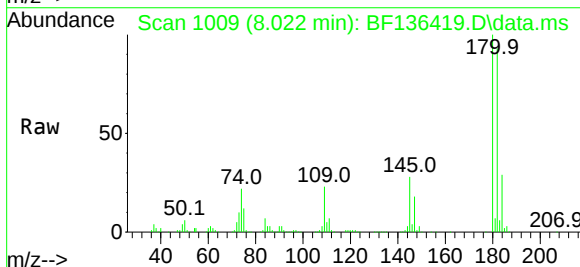
Tgt Ion:180 Resp: 340386

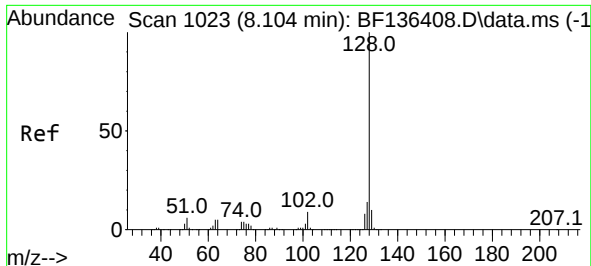
Ion Ratio Lower Upper

180 100

182 92.7 73.1 109.7

145 28.3 23.8 35.8

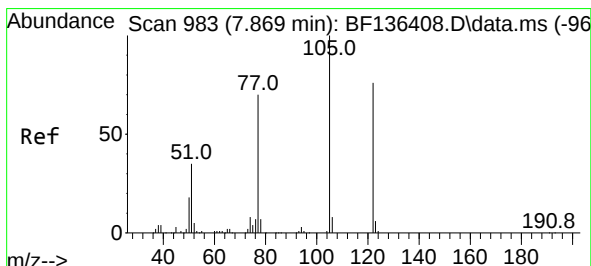
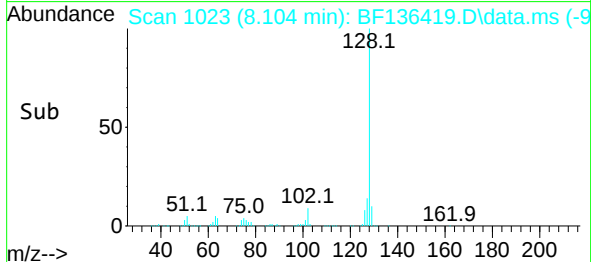
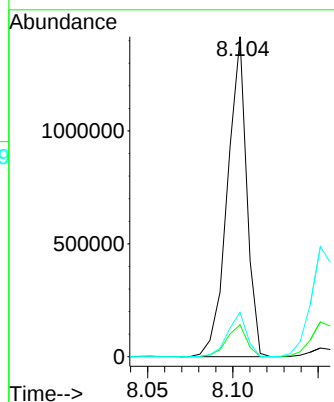
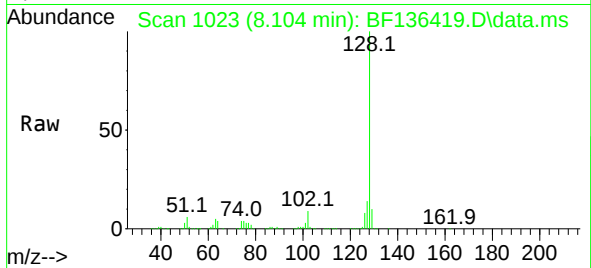




#31
Naphthalene
Concen: 37.917 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

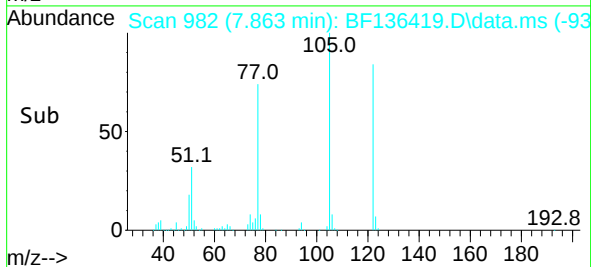
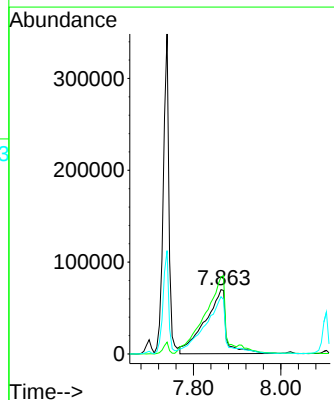
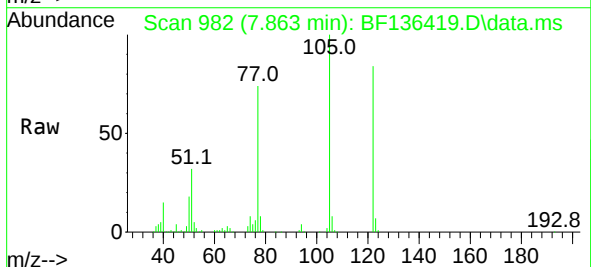
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

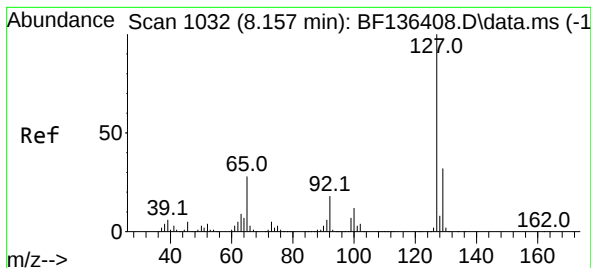
Tgt Ion:128 Resp: 1114342
Ion Ratio Lower Upper
128 100
129 10.0 8.3 12.5
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 40.011 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:122 Resp: 238607
Ion Ratio Lower Upper
122 100
105 119.5 104.7 144.7
77 88.9 68.5 108.5



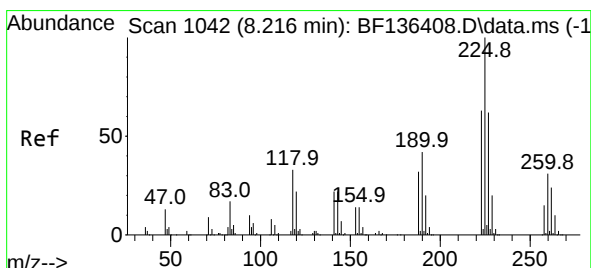
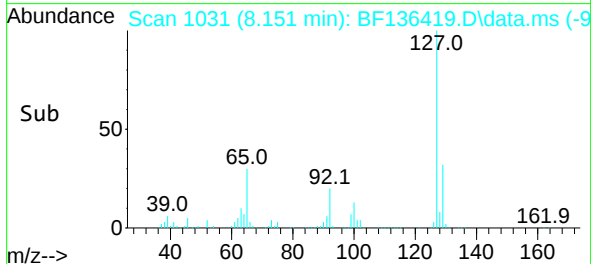
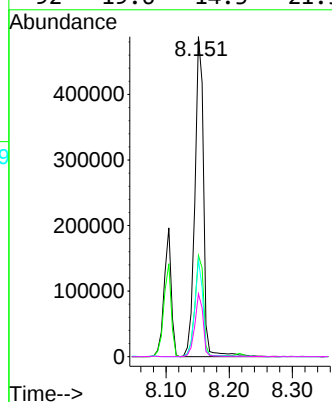
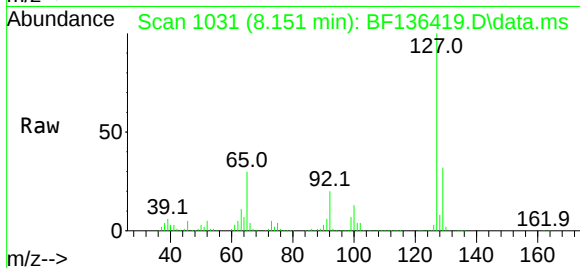


#33
4-Chloroaniline
Concen: 44.582 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 467099

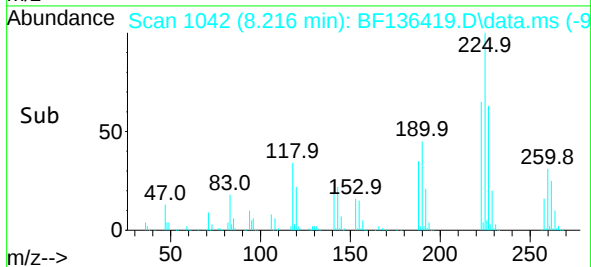
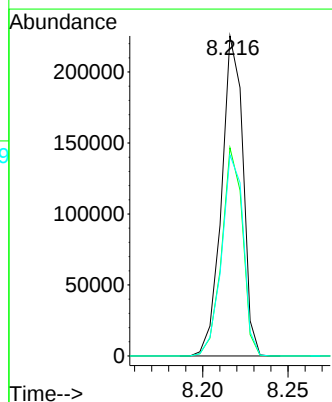
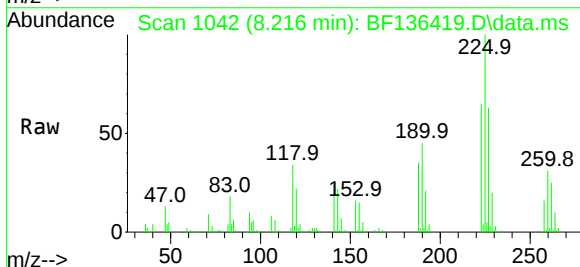
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	30.3	22.5	33.7
92	19.6	14.3	21.5

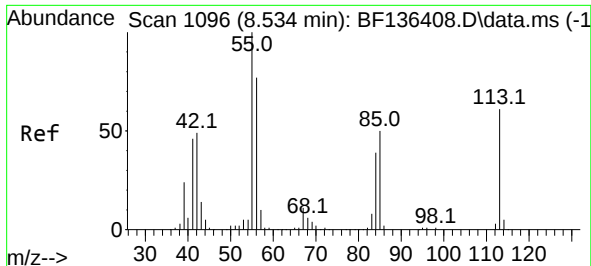


#34
Hexachlorobutadiene
Concen: 35.793 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:225 Resp: 196270

Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.8	76.2
227	62.8	49.8	74.8

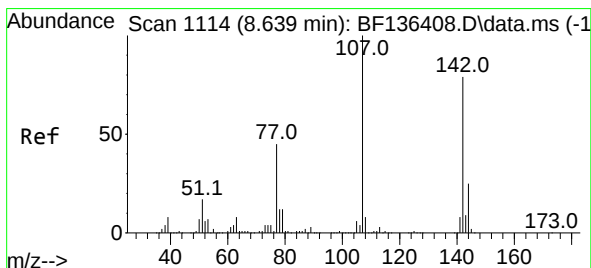
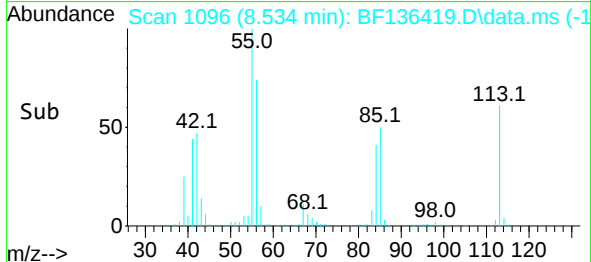
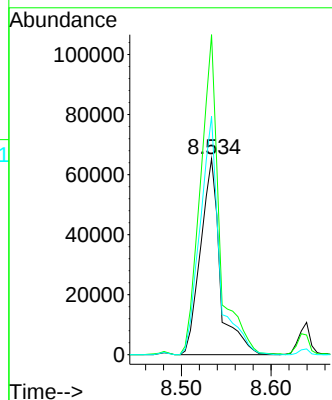
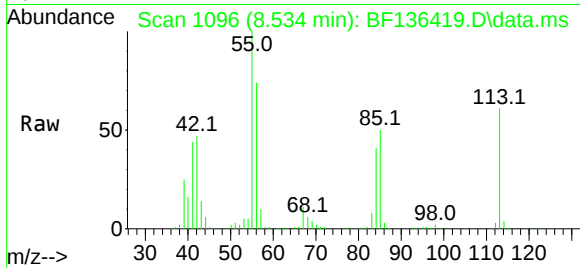




#35
 Caprolactam
 Concen: 40.581 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: BF136419.D
 Acq: 06 Dec 2023 10:06

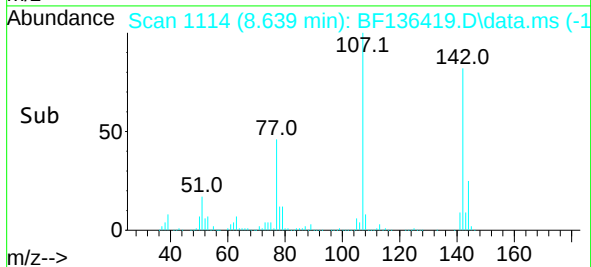
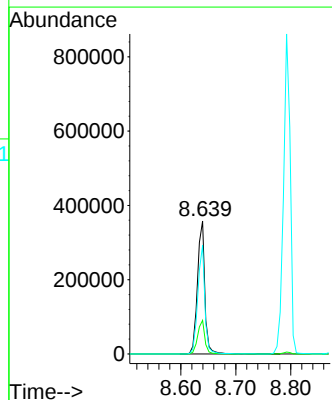
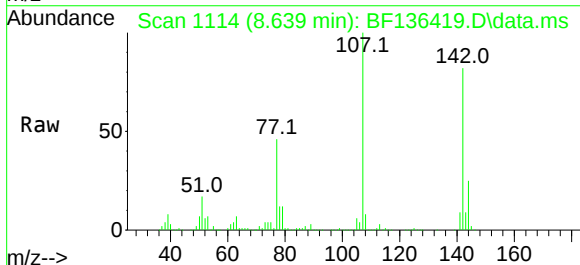
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

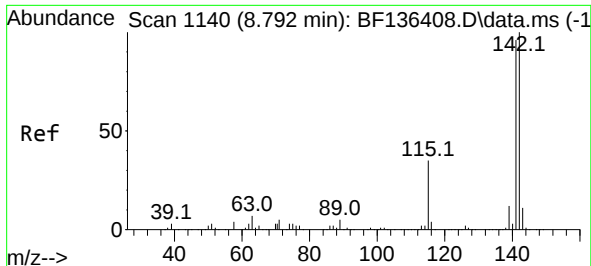
Tgt Ion:113 Resp: 99164
 Ion Ratio Lower Upper
 113 100
 55 163.5 143.7 183.7
 56 121.7 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.307 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136419.D
 Acq: 06 Dec 2023 10:06

Tgt Ion:107 Resp: 331167
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.1 30.1
 142 81.7 63.1 94.7

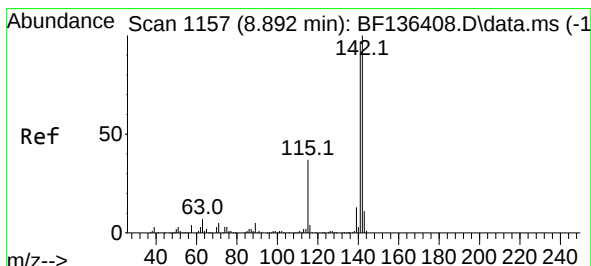
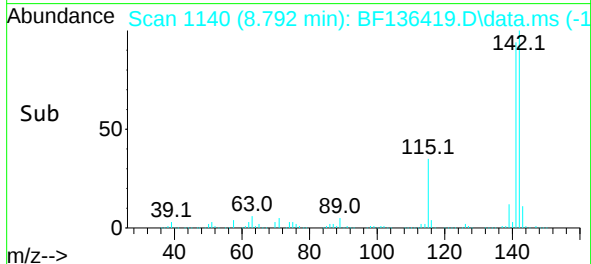
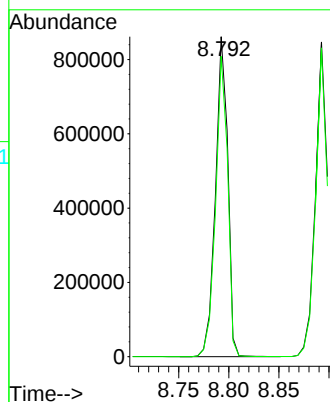
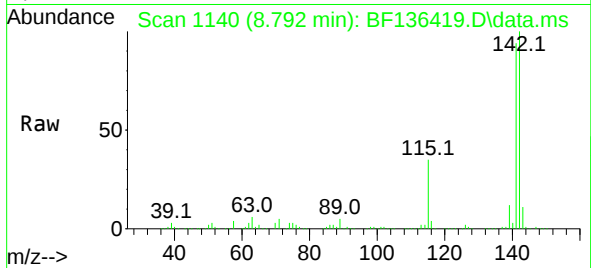




#37
2-Methylnaphthalene
Concen: 39.380 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

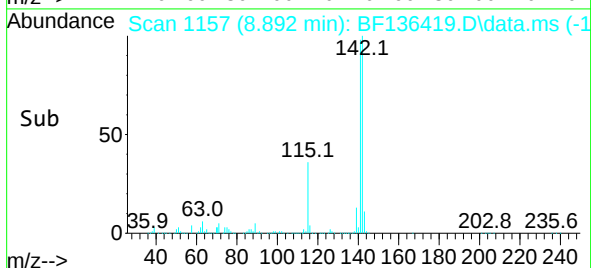
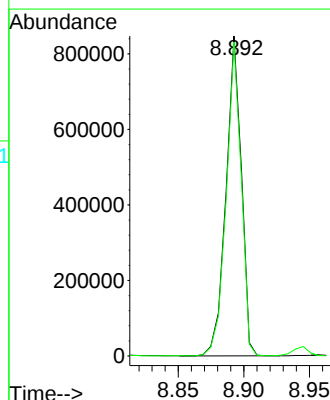
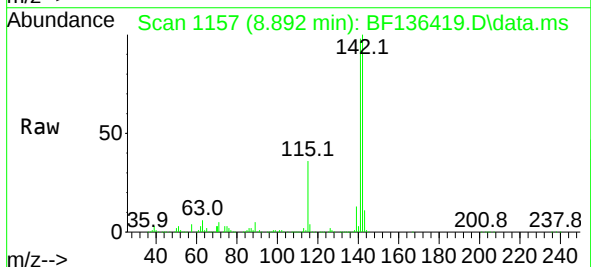
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

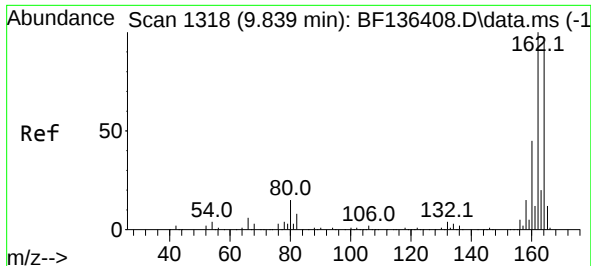
Tgt Ion:142 Resp: 736285
Ion Ratio Lower Upper
142 100
141 93.8 76.4 114.6



#38
1-Methylnaphthalene
Concen: 37.480 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:142 Resp: 687647
Ion Ratio Lower Upper
142 100
141 98.1 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

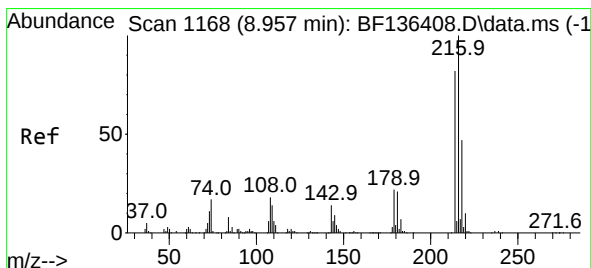
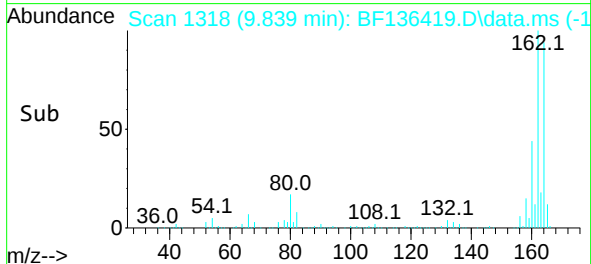
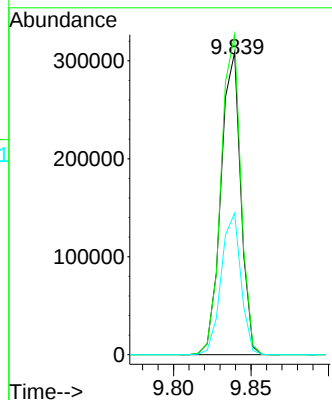
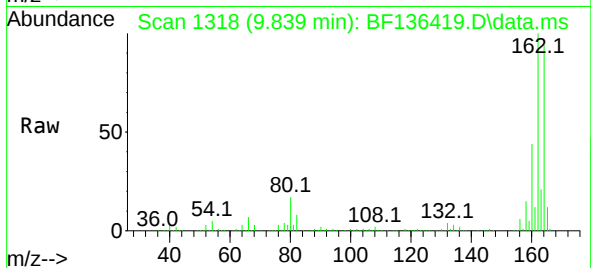
Tgt Ion:164 Resp: 274519

Ion Ratio Lower Upper

164 100

162 105.8 84.4 126.6

160 46.8 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.831 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Tgt Ion:216 Resp: 340181

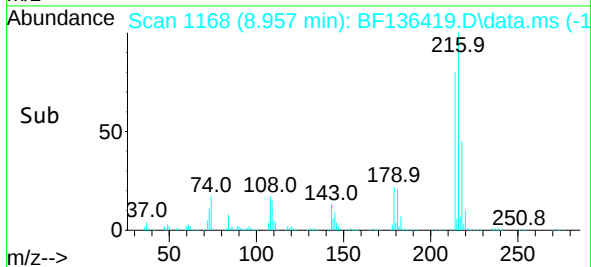
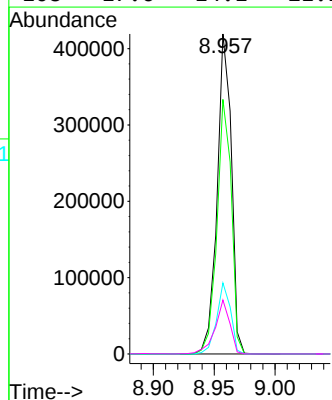
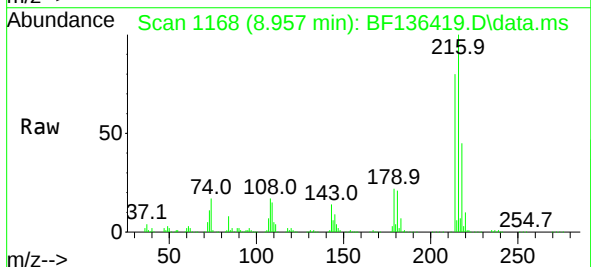
Ion Ratio Lower Upper

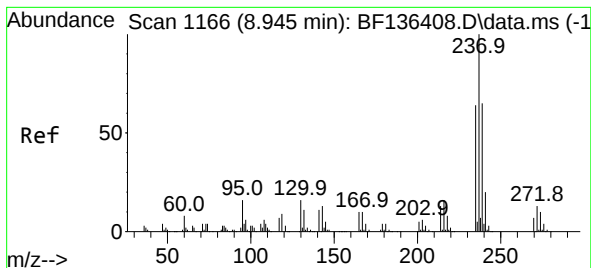
216 100

214 80.1 64.1 96.1

179 21.7 17.0 25.6

108 17.6 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 52.783 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

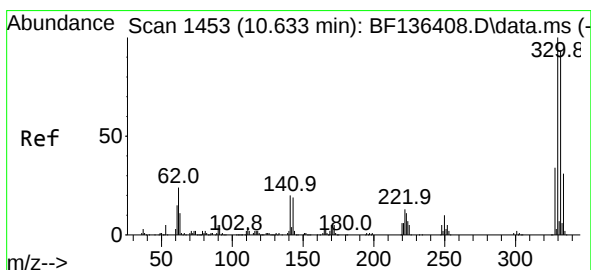
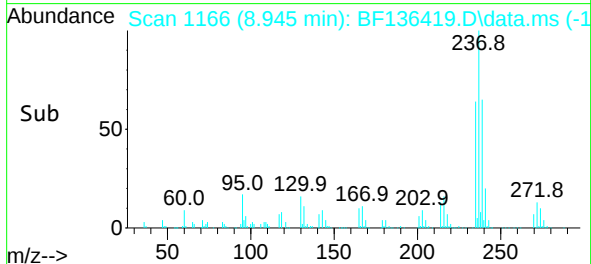
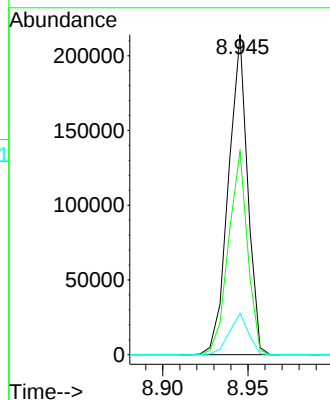
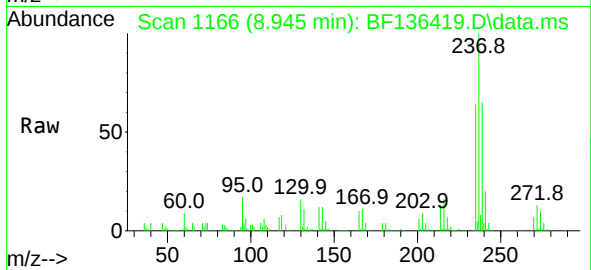
Tgt Ion:237 Resp: 167010

Ion Ratio Lower Upper

237 100

235 63.6 44.1 84.1

272 13.0 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 80.228 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

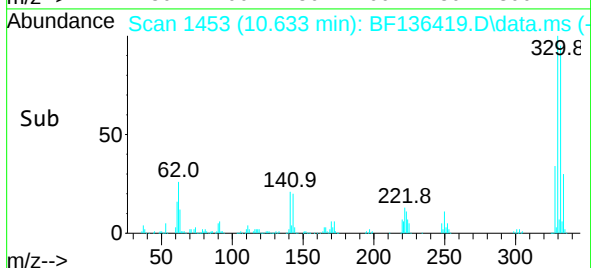
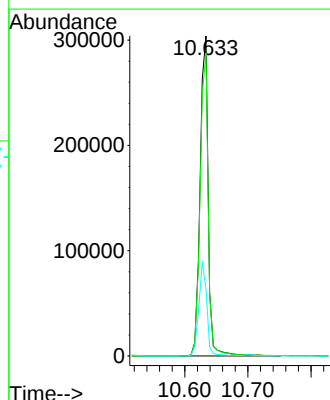
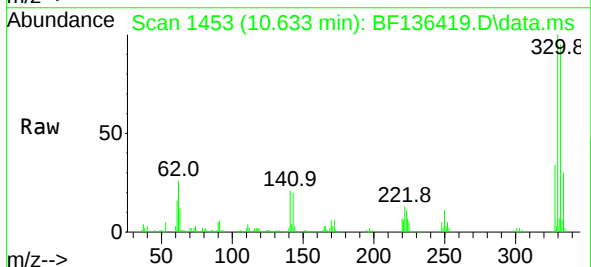
Tgt Ion:330 Resp: 271560

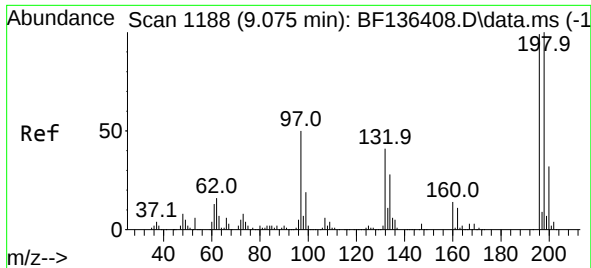
Ion Ratio Lower Upper

330 100

332 94.9 76.4 114.6

141 28.7 23.4 35.2

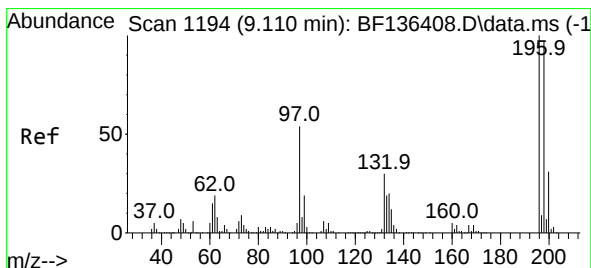
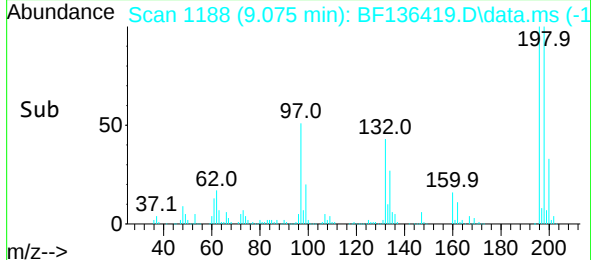
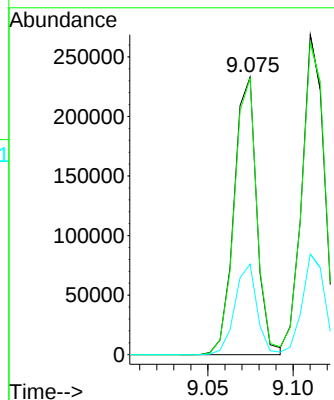
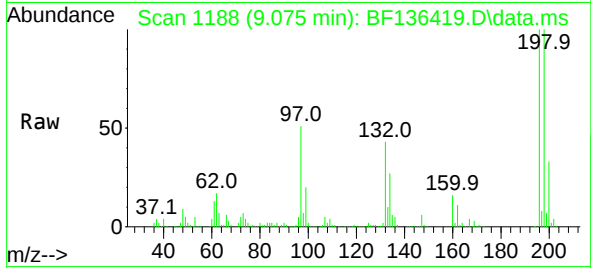




#43
2,4,6-Trichlorophenol
Concen: 38.839 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

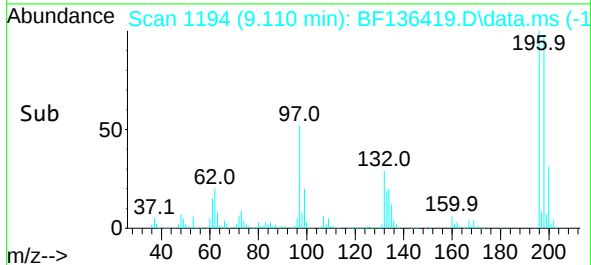
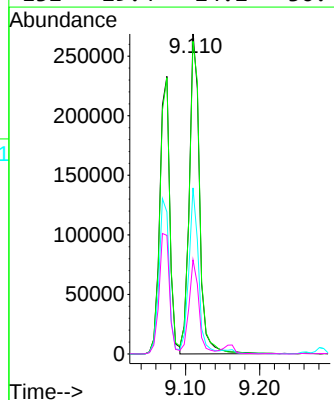
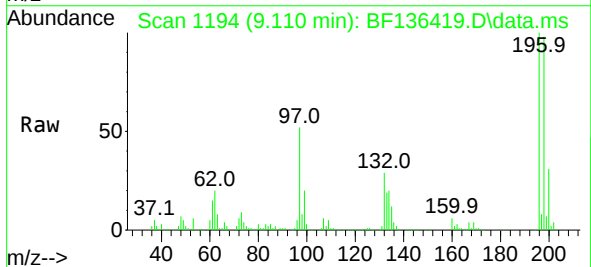
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

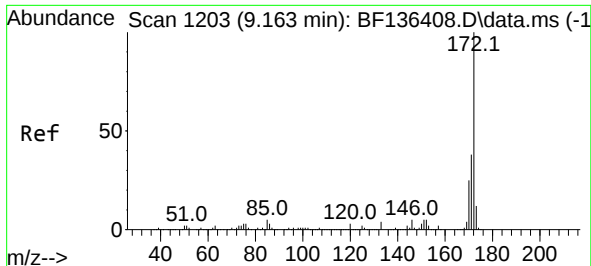
Tgt Ion:196 Resp: 215986
Ion Ratio Lower Upper
196 100
198 99.5 80.4 120.6
200 32.6 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 41.726 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:196 Resp: 258980
Ion Ratio Lower Upper
196 100
198 97.7 78.1 117.1
97 51.9 43.4 65.2
132 29.4 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 77.931 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

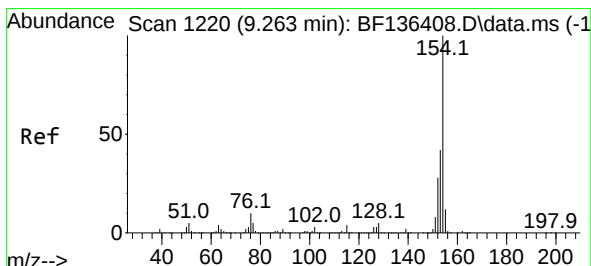
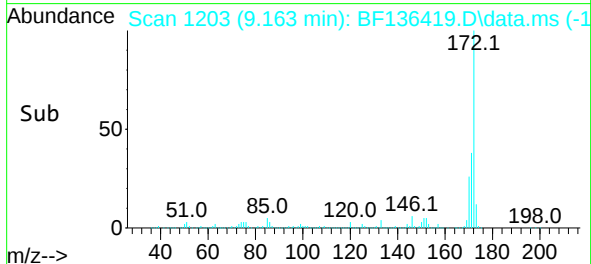
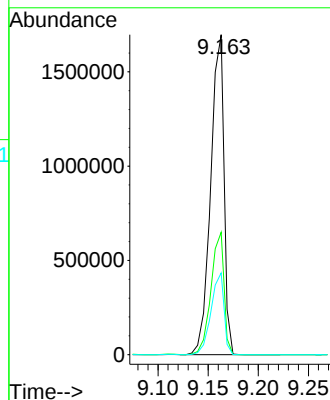
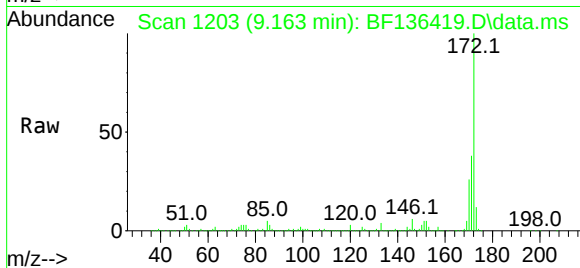
Tgt Ion:172 Resp: 1567874

Ion Ratio Lower Upper

172 100

171 38.3 30.5 45.7

170 25.6 19.9 29.9



#46

1,1'-Biphenyl

Concen: 39.644 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

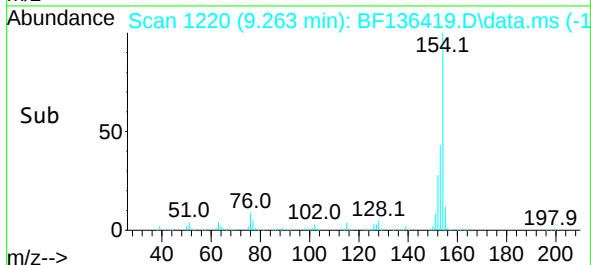
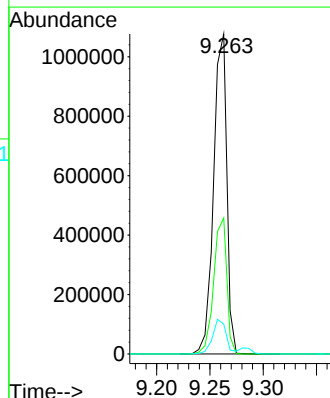
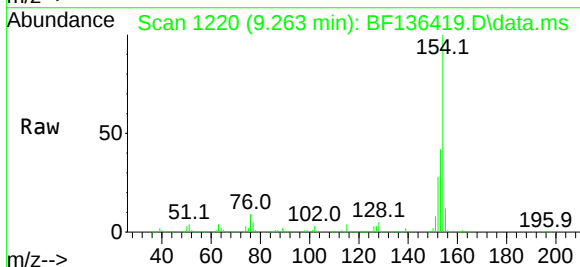
Tgt Ion:154 Resp: 926030

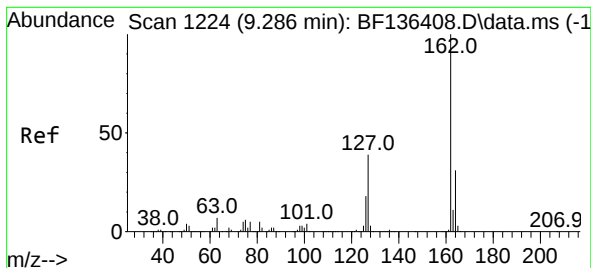
Ion Ratio Lower Upper

154 100

153 42.5 22.5 62.5

76 9.4 0.0 29.9





#47

2-Chloronaphthalene

Concen: 37.388 ng

RT: 9.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

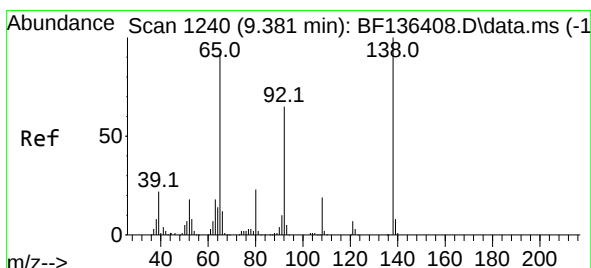
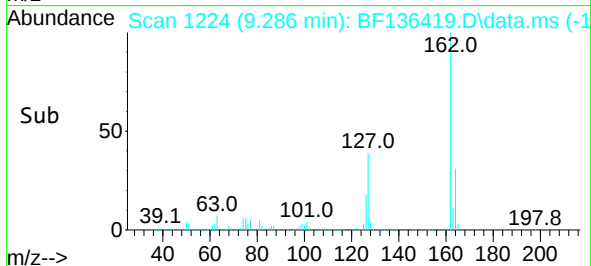
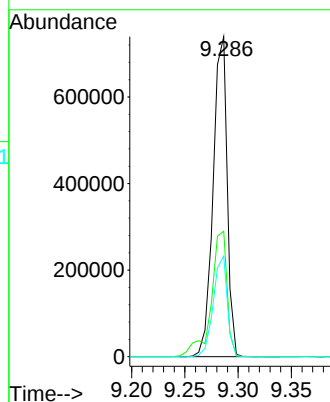
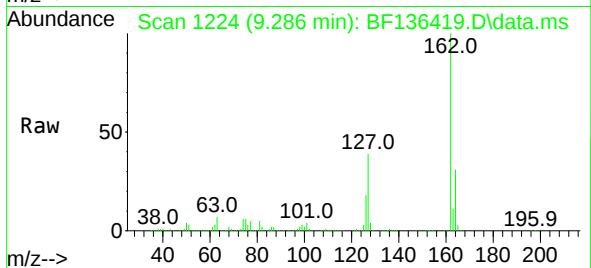
Tgt Ion:162 Resp: 679741

Ion Ratio Lower Upper

162 100

127 39.2 31.1 46.7

164 31.5 24.6 37.0



#48

2-Nitroaniline

Concen: 42.678 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

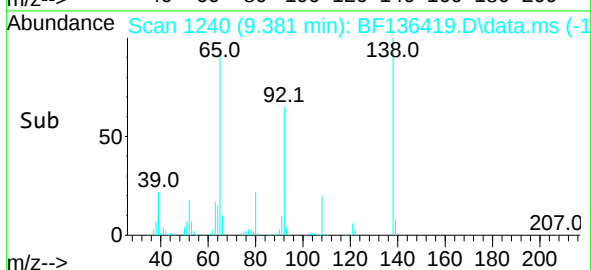
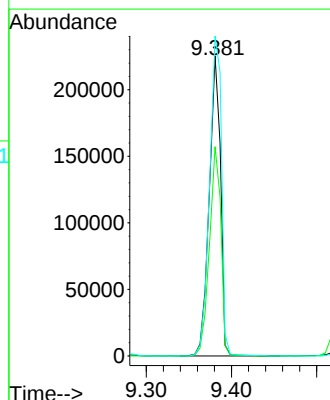
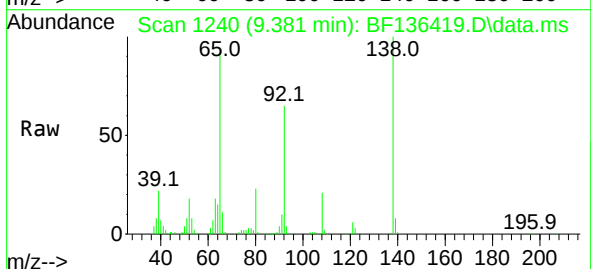
Tgt Ion: 65 Resp: 208103

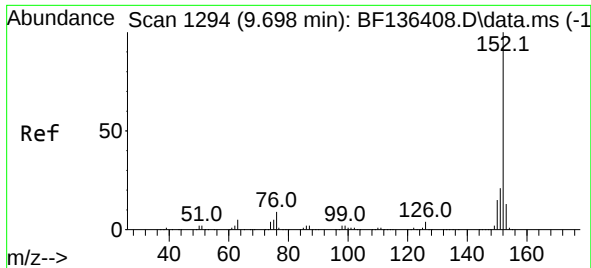
Ion Ratio Lower Upper

65 100

92 69.8 56.1 84.1

138 106.7 86.7 130.1

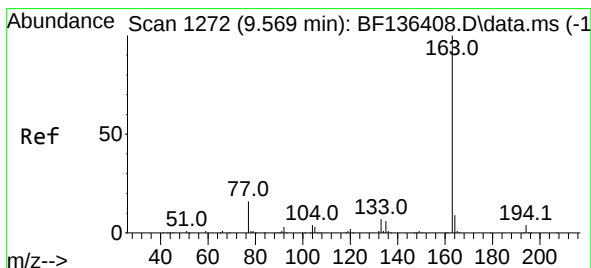
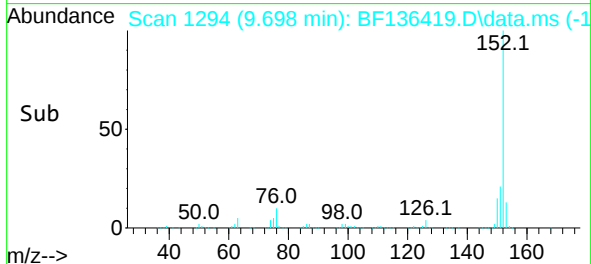
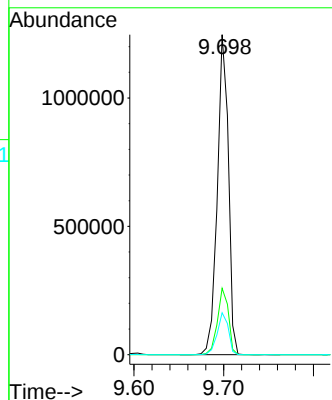
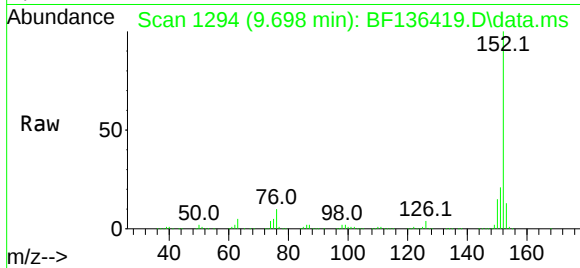




#49
Acenaphthylene
Concen: 41.276 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

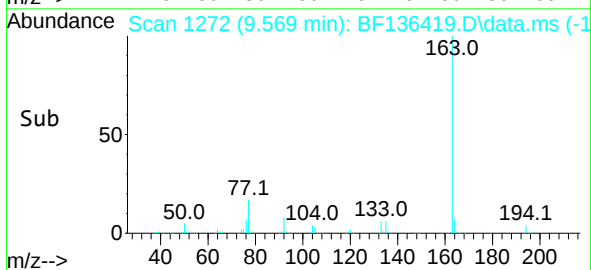
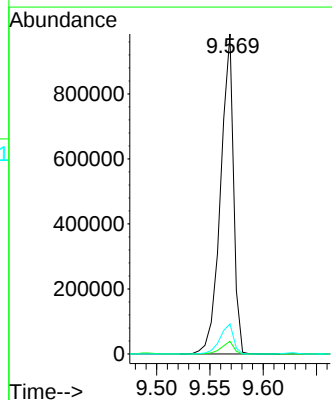
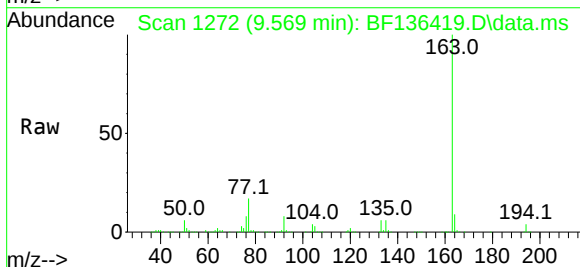
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

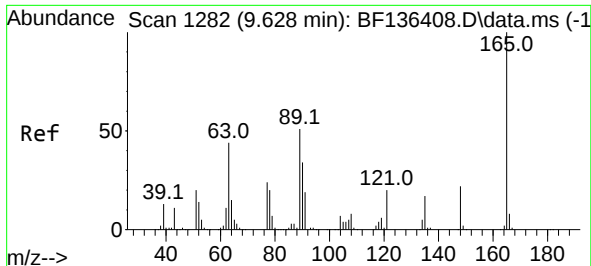
Tgt Ion:152 Resp: 1068989
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 41.100 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:163 Resp: 830671
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.4 7.4 11.2

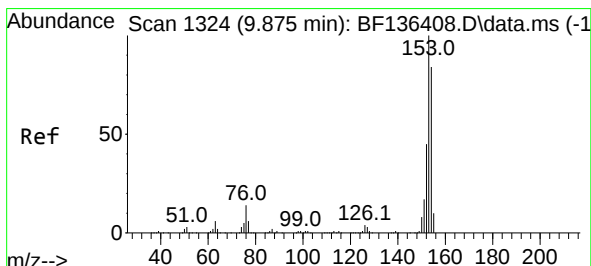
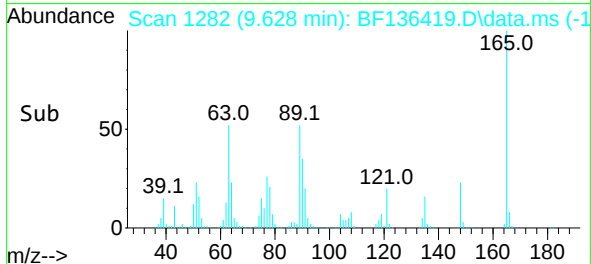
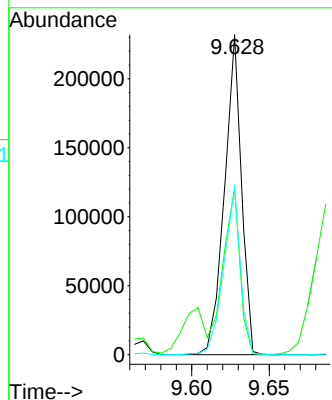
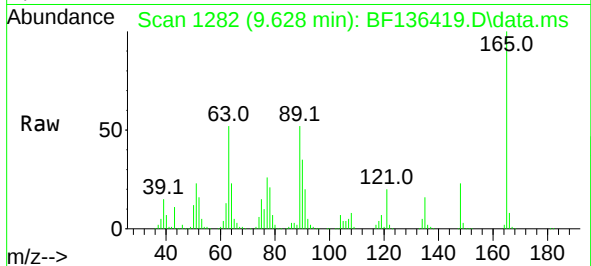




#51
2,6-Dinitrotoluene
Concen: 38.933 ng
RT: 9.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

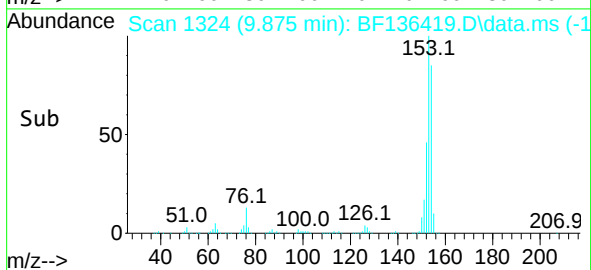
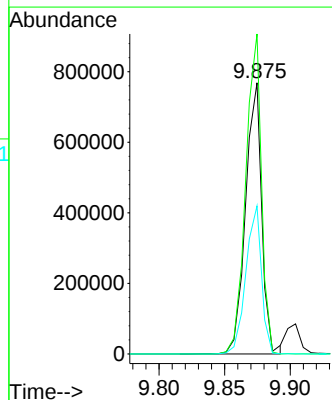
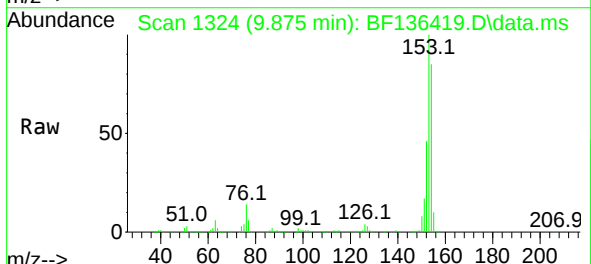
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

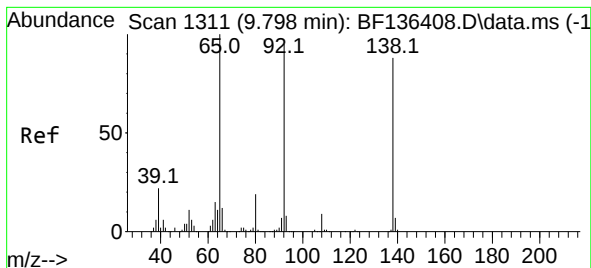
Tgt Ion:165 Resp: 177026
Ion Ratio Lower Upper
165 100
63 52.0 40.4 60.6
89 52.2 40.6 60.8



#52
Acenaphthene
Concen: 39.902 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:154 Resp: 662228
Ion Ratio Lower Upper
154 100
153 118.0 95.3 142.9
152 54.6 43.2 64.8





#53

3-Nitroaniline

Concen: 41.827 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

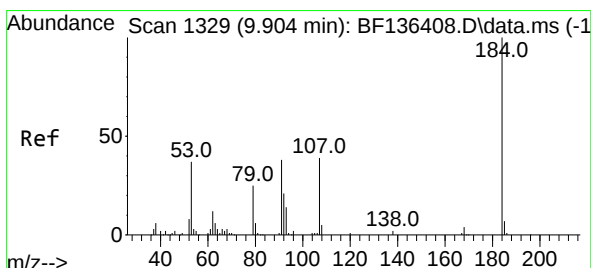
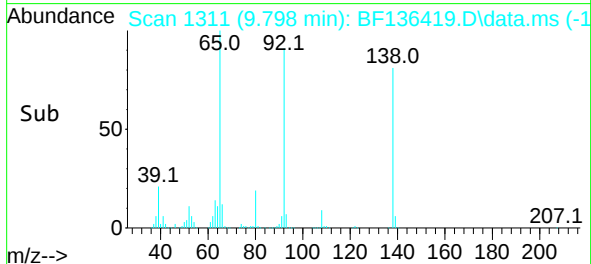
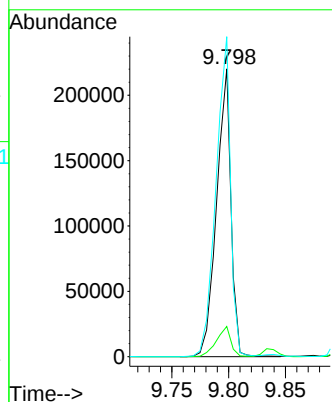
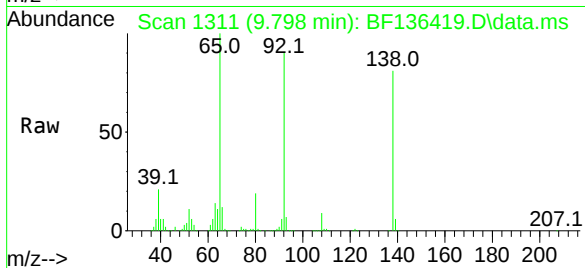
Tgt Ion:138 Resp: 194208

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

92 111.2 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 49.992 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

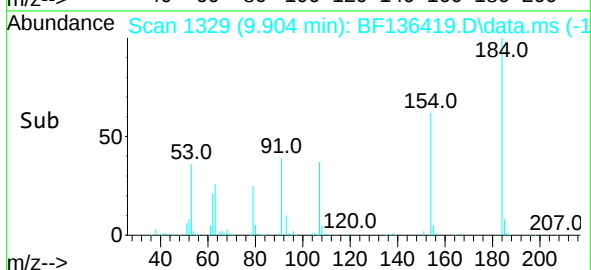
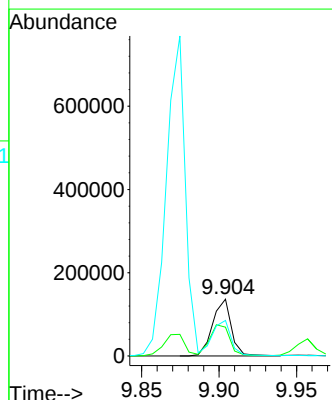
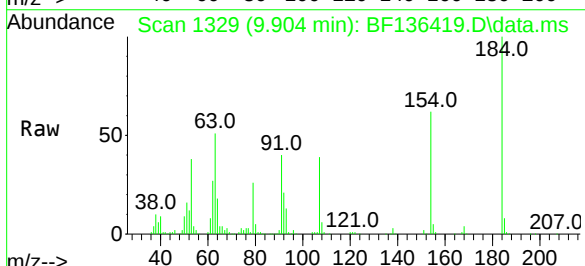
Tgt Ion:184 Resp: 114927

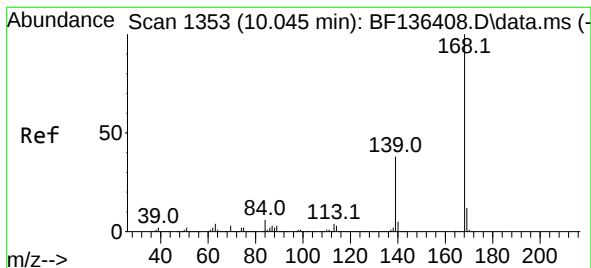
Ion Ratio Lower Upper

184 100

63 50.7 39.1 58.7

154 62.3 49.9 74.9





#55

Dibenzenofuran

Concen: 40.676 ng

RT: 10.045 min Scan# 1353

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

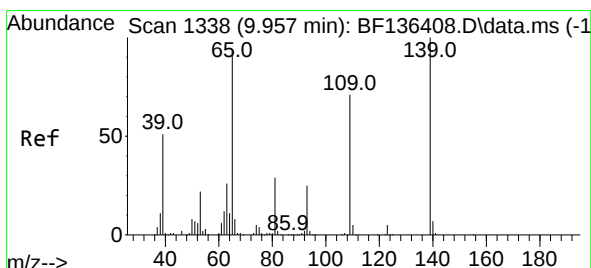
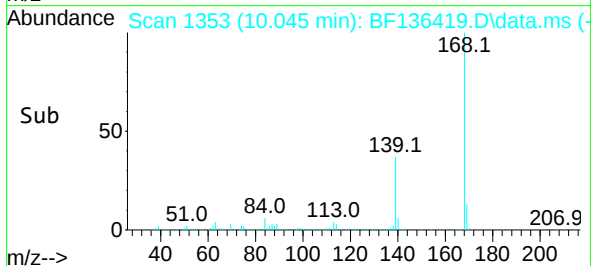
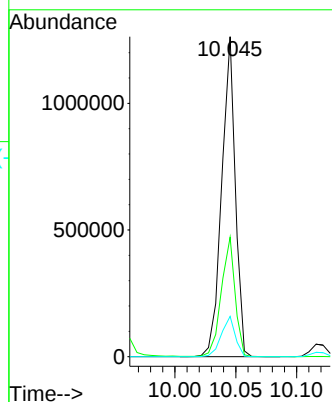
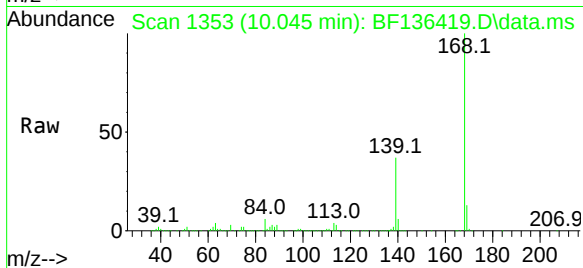
Tgt Ion:168 Resp: 986181

Ion Ratio Lower Upper

168 100

139 37.3 30.4 45.6

169 12.6 9.9 14.9



#56

4-Nitrophenol

Concen: 39.719 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

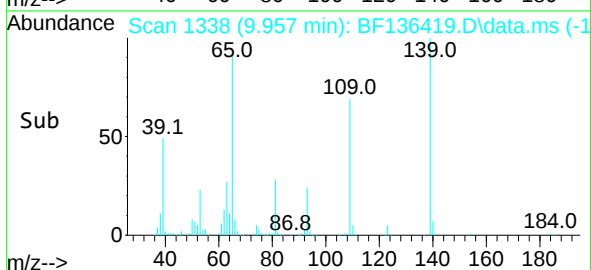
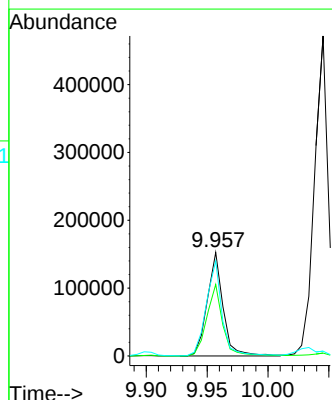
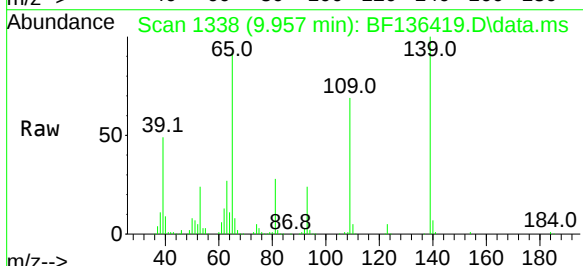
Tgt Ion:139 Resp: 138253

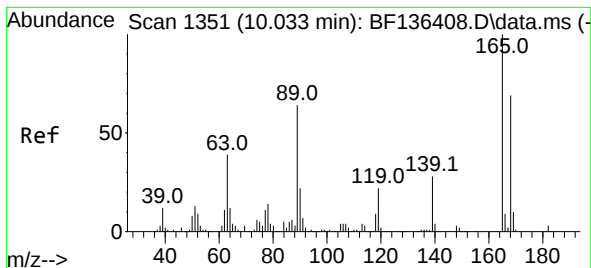
Ion Ratio Lower Upper

139 100

109 69.1 50.6 90.6

65 91.7 73.1 113.1

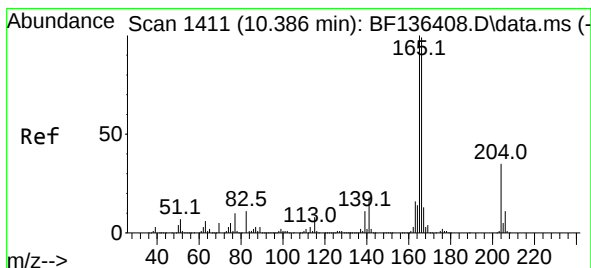
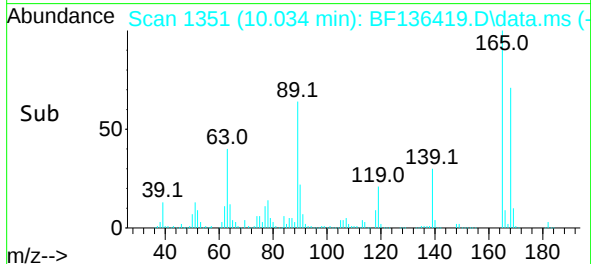
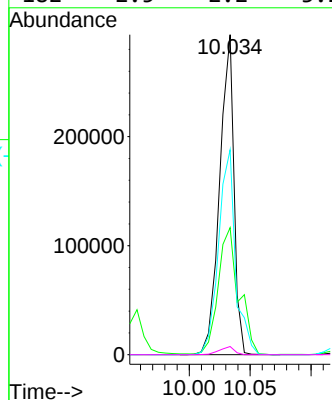
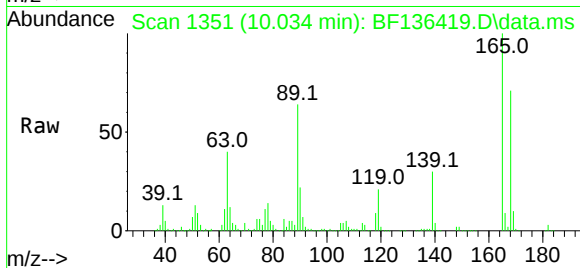




#57
2,4-Dinitrotoluene
Concen: 39.943 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

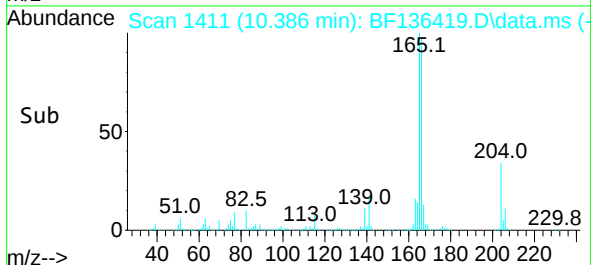
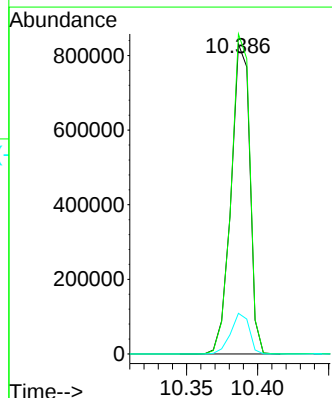
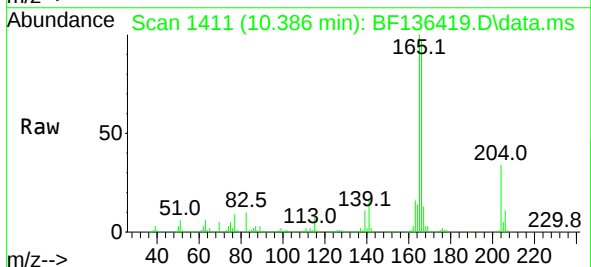
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

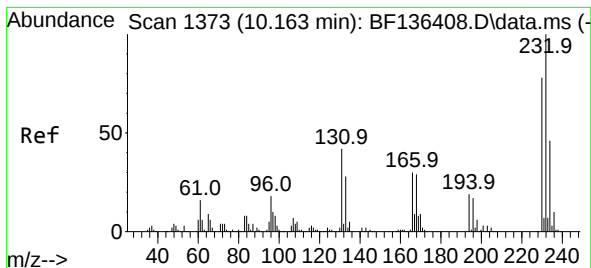
Tgt Ion:165 Resp: 240261
Ion Ratio Lower Upper
165 100
63 39.7 31.4 47.2
89 64.0 51.7 77.5
182 2.5 2.2 3.2



#58
Fluorene
Concen: 39.228 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:166 Resp: 763457
Ion Ratio Lower Upper
166 100
165 103.2 80.5 120.7
167 13.1 10.5 15.7



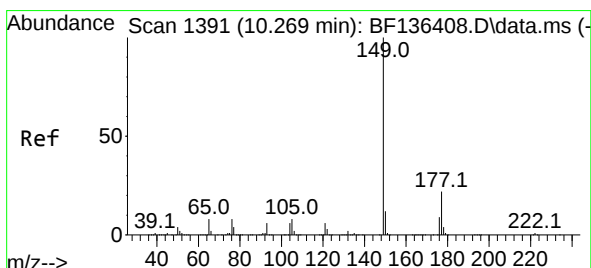
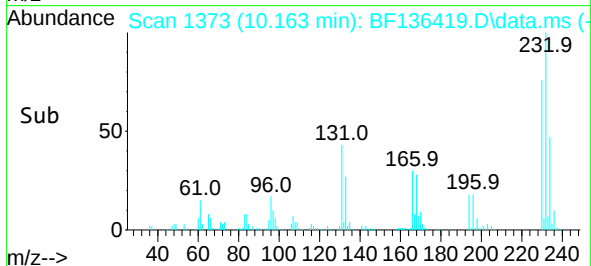
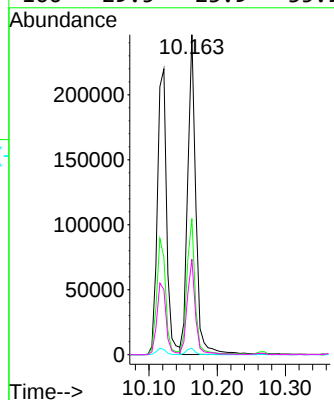
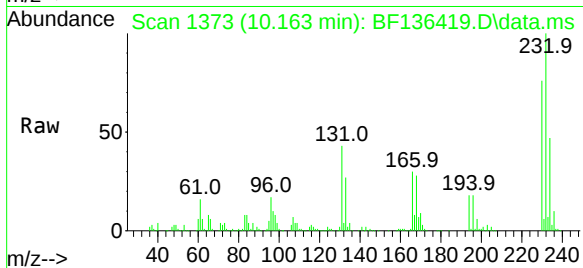


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.701 ng
RT: 10.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 202351

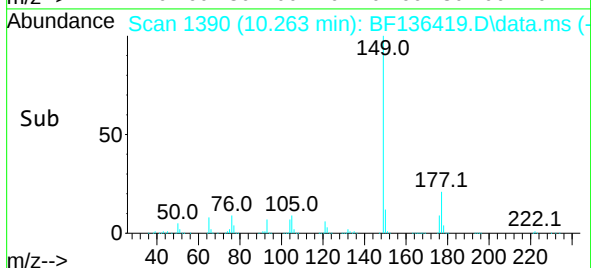
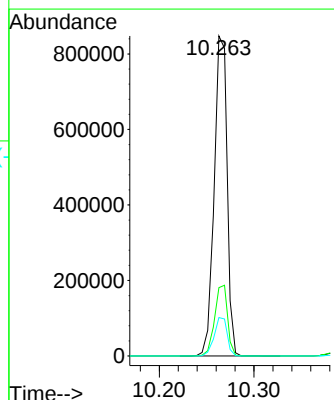
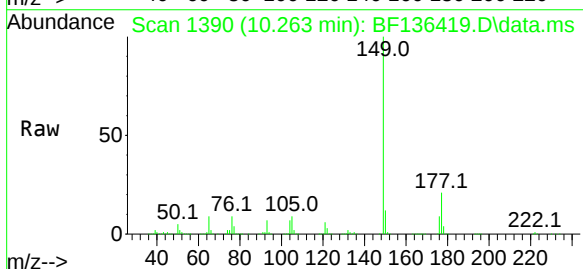
Ion	Ratio	Lower	Upper
232	100		
131	42.8	34.3	51.5
130	2.2	1.6	2.4
166	29.5	23.9	35.9

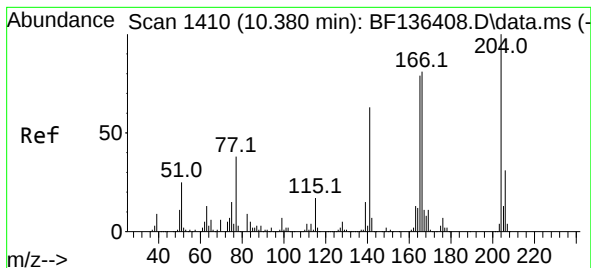


#60
Diethylphthalate
Concen: 40.304 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:149 Resp: 800998

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.8	26.8
150	12.0	9.4	14.0

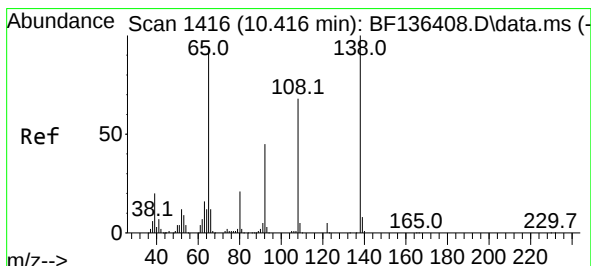
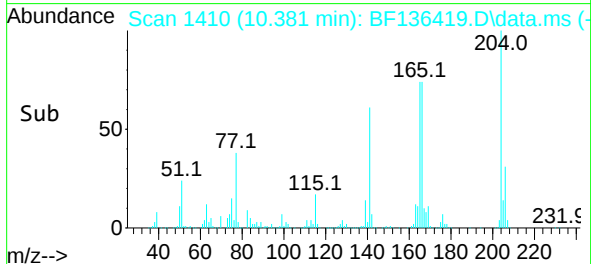
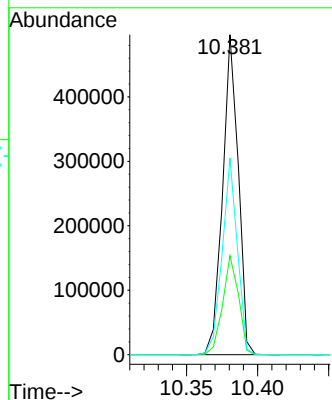
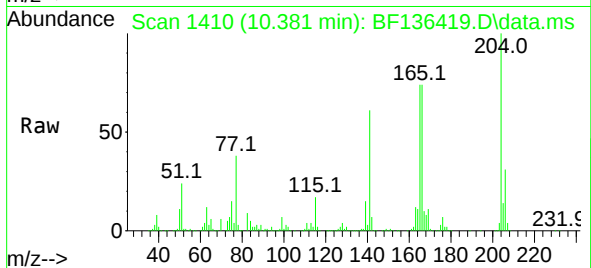




#61
4-Chlorophenyl-phenylether
Concen: 39.911 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

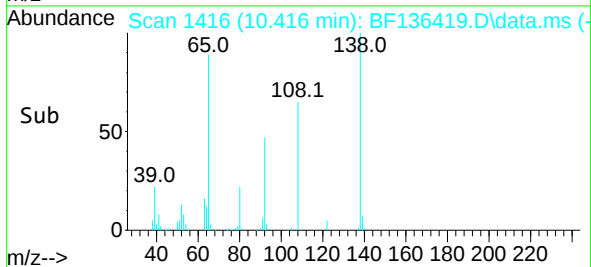
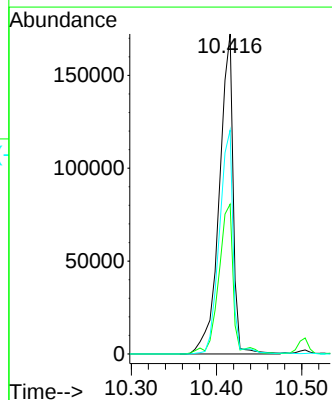
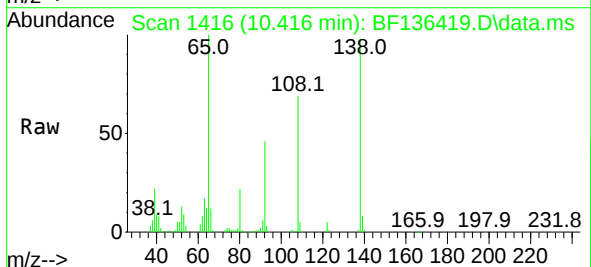
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

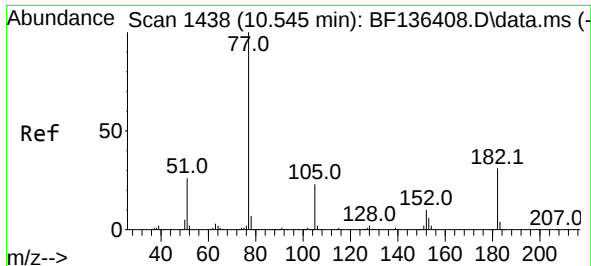
Tgt Ion:204 Resp: 378660
Ion Ratio Lower Upper
204 100
206 31.0 24.6 36.8
141 61.5 50.3 75.5



#62
4-Nitroaniline
Concen: 42.150 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:138 Resp: 194328
Ion Ratio Lower Upper
138 100
92 46.8 25.0 65.0
108 69.9 47.9 87.9

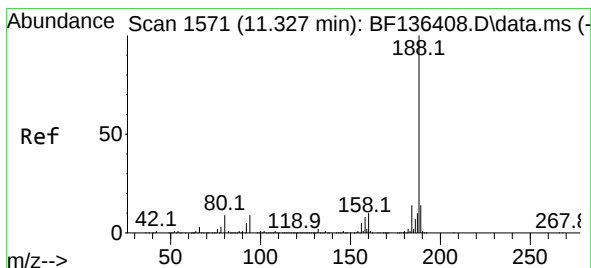
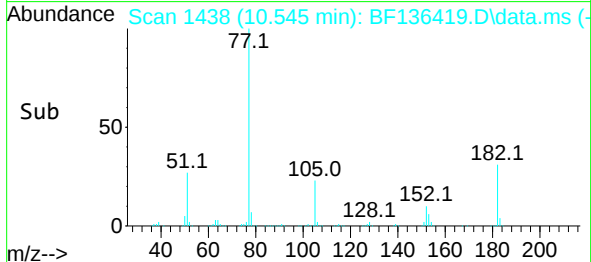
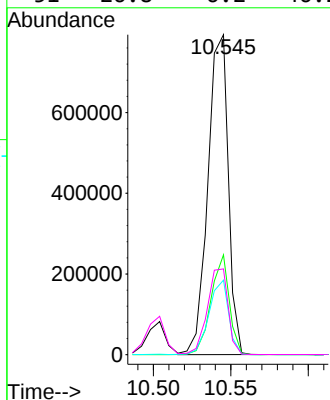
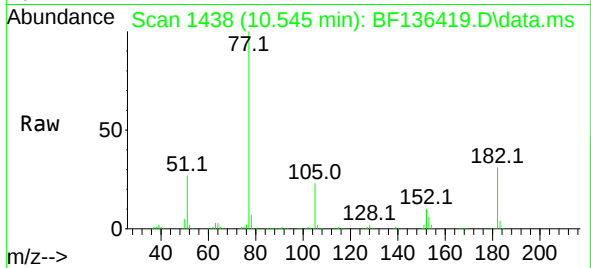




#63
Azobenzene
Concen: 40.096 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

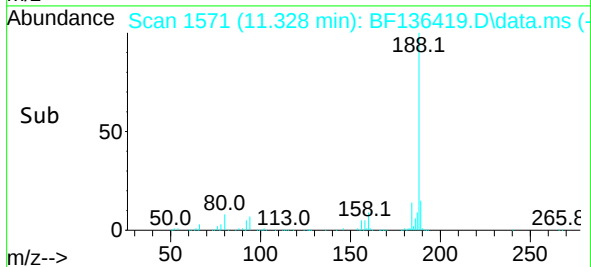
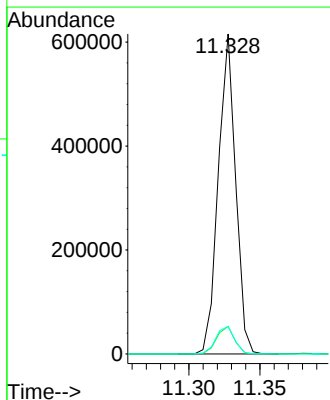
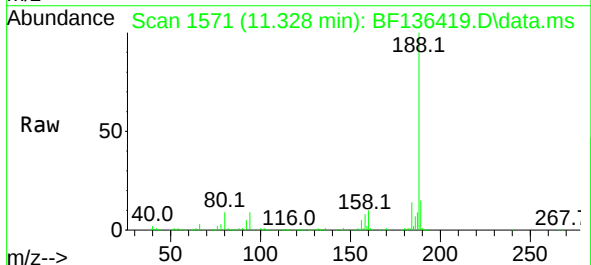
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

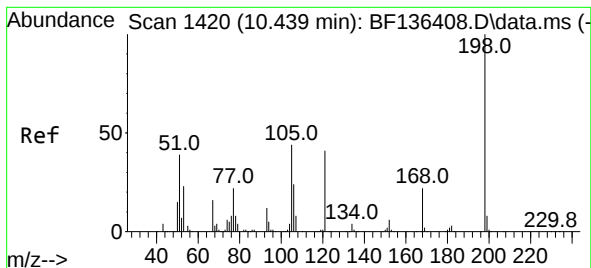
Tgt Ion: 77	Resp: 725325
Ion Ratio	Lower Upper
77 100	
182 31.2	10.8 50.8
105 23.3	2.6 42.6
51 26.8	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:188	Resp: 521927
Ion Ratio	Lower Upper
188 100	
94 8.6	7.2 10.8
80 8.6	7.2 10.8

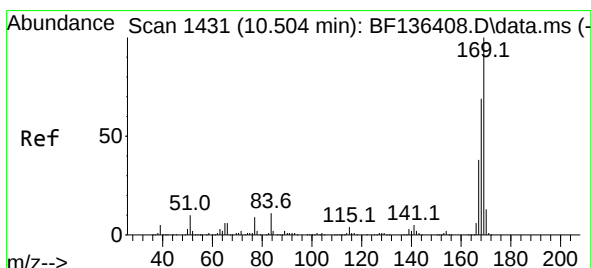
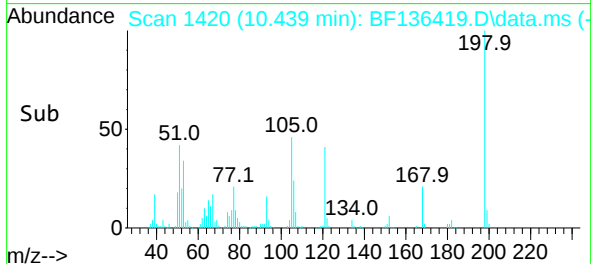
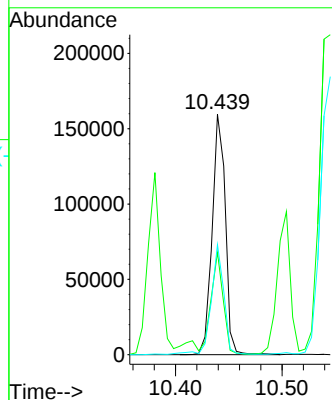
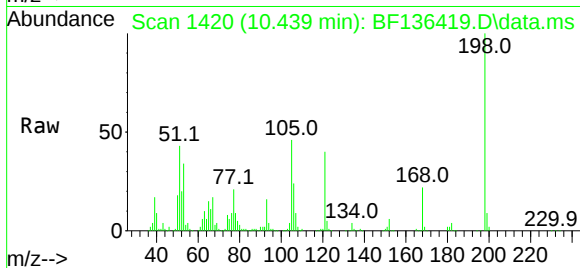




#65
4,6-Dinitro-2-methylphenol
Concen: 42.352 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

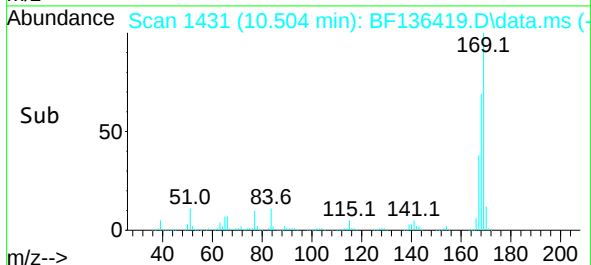
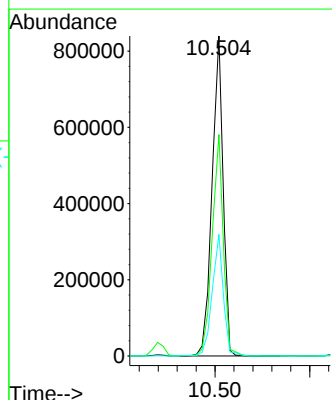
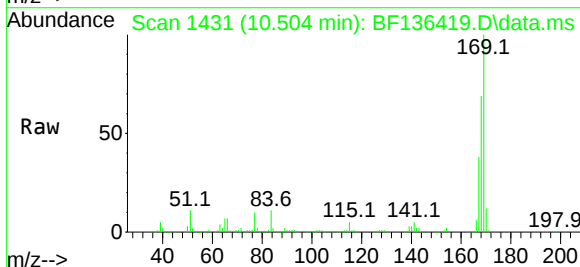
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

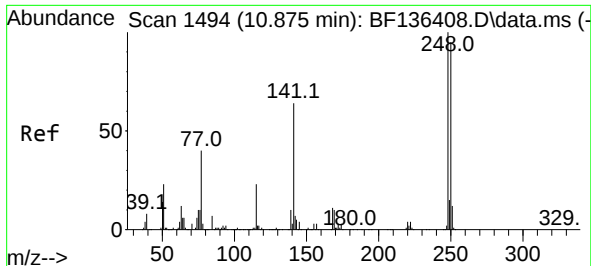
Tgt Ion:198 Resp: 136896
Ion Ratio Lower Upper
198 100
51 42.5 24.1 64.1
105 45.8 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 40.553 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:169 Resp: 679168
Ion Ratio Lower Upper
169 100
168 69.2 55.3 82.9
167 38.0 30.1 45.1

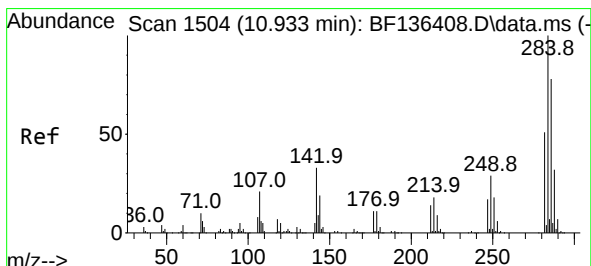
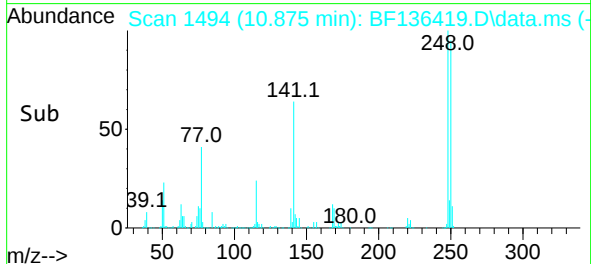
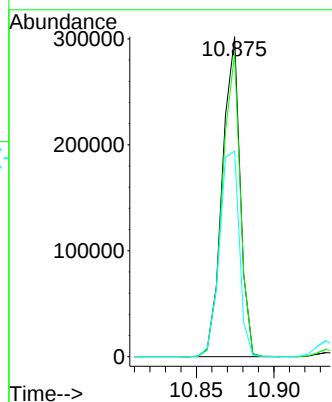
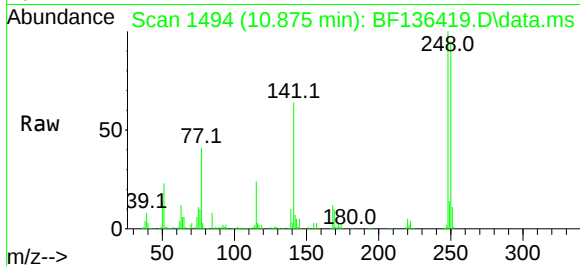




#67
4-Bromophenyl-phenylether
Concen: 39.807 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

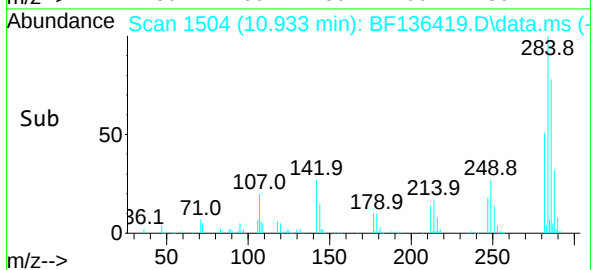
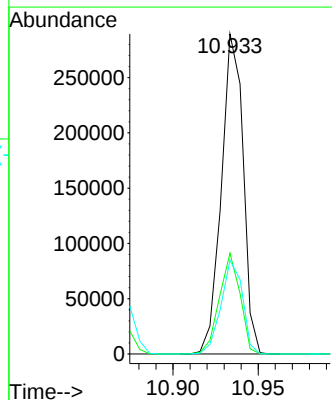
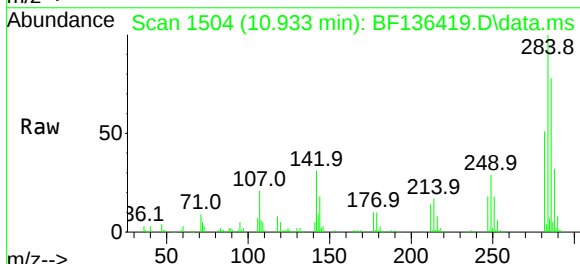
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

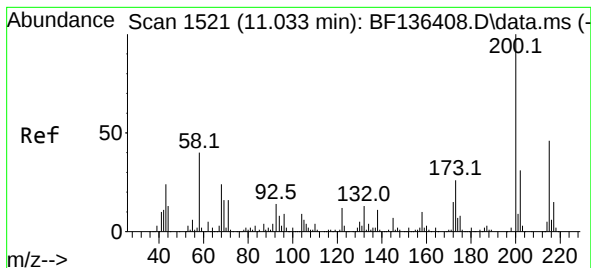
Tgt Ion:248 Resp: 241560
Ion Ratio Lower Upper
248 100
250 94.7 76.2 114.2
141 64.3 51.0 76.4



#68
Hexachlorobenzene
Concen: 36.640 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:284 Resp: 256973
Ion Ratio Lower Upper
284 100
142 31.5 26.5 39.7
249 29.2 23.4 35.0





#69

Atrazine

Concen: 32.771 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

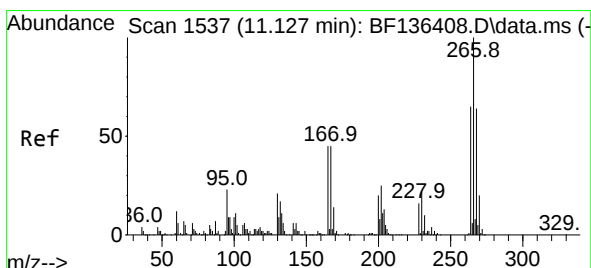
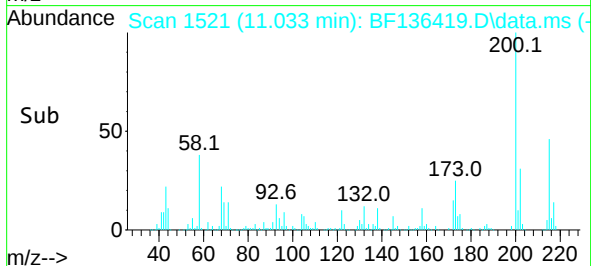
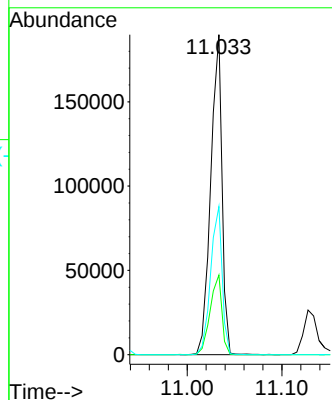
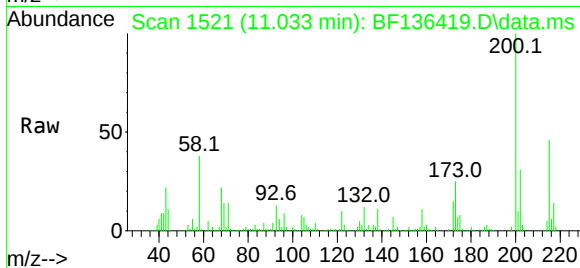
Tgt Ion:200 Resp: 156648

Ion Ratio Lower Upper

200 100

173 24.9 6.0 46.0

215 46.3 25.5 65.5



#70

Pentachlorophenol

Concen: 38.755 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

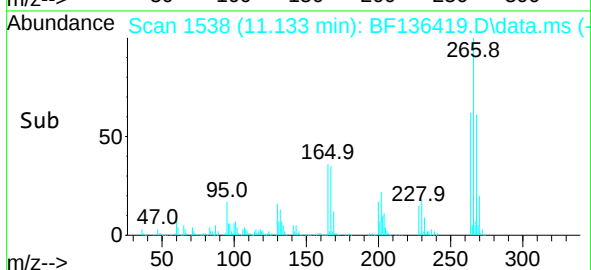
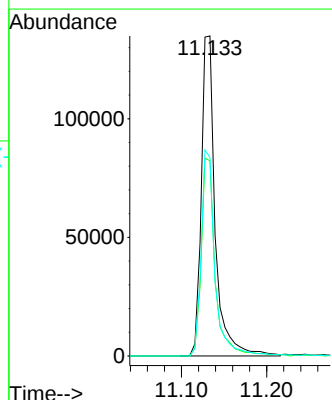
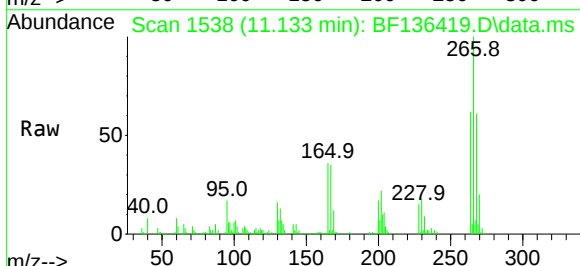
Tgt Ion:266 Resp: 153404

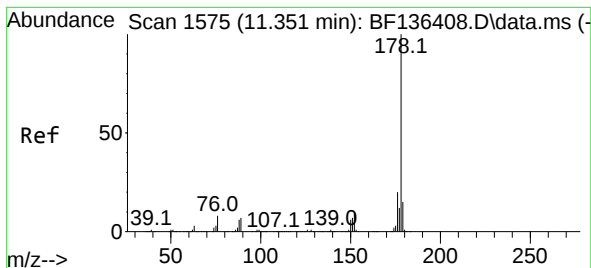
Ion Ratio Lower Upper

266 100

268 61.0 51.0 76.6

264 62.0 52.2 78.4





#71

Phenanthrene

Concen: 40.475 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

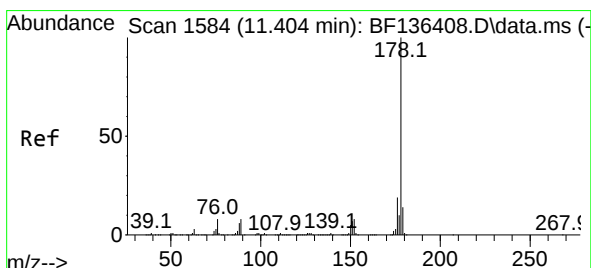
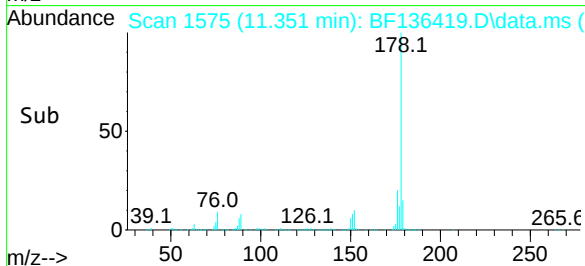
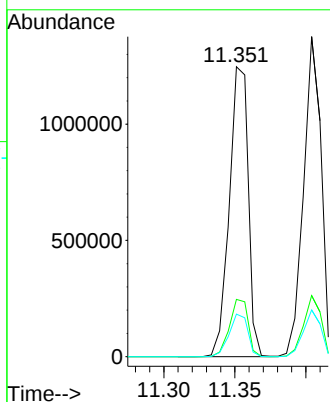
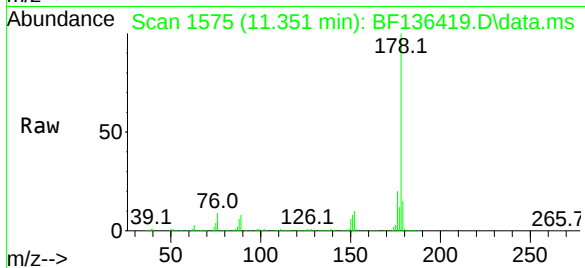
Tgt Ion:178 Resp: 1161129

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

179 14.7 11.8 17.6



#72

Anthracene

Concen: 40.976 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

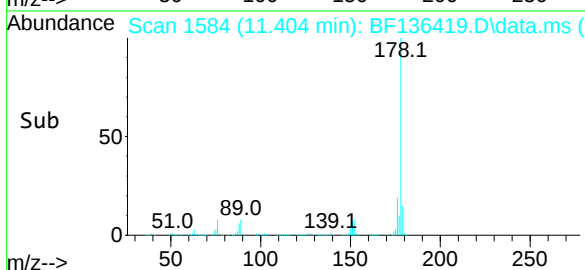
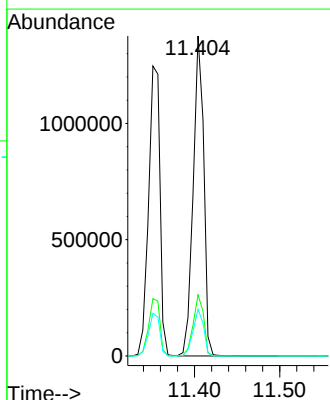
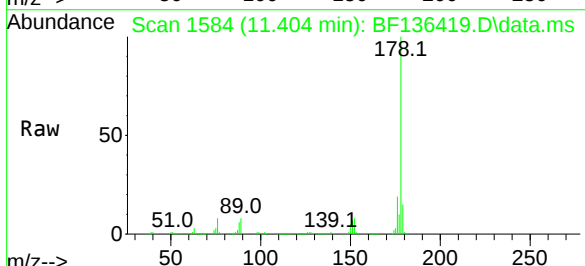
Tgt Ion:178 Resp: 1183989

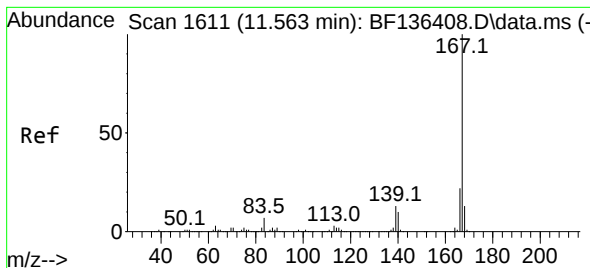
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 14.6 11.4 17.0





#73

Carbazole

Concen: 39.097 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

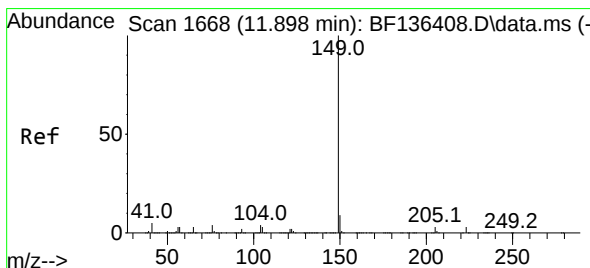
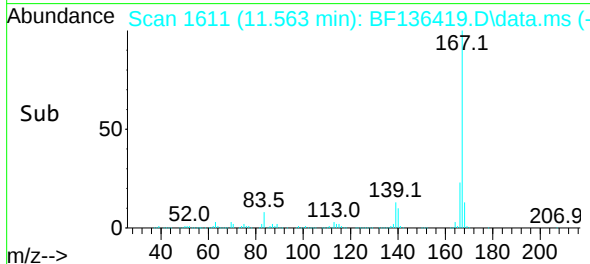
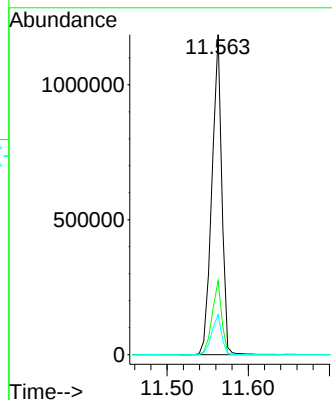
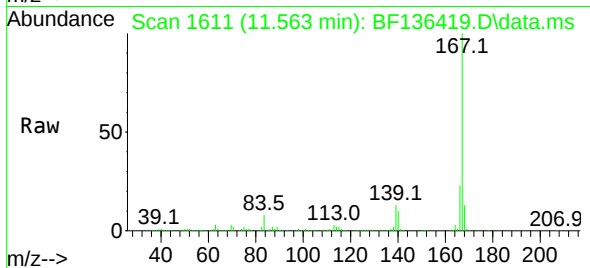
Tgt Ion:167 Resp: 999854

Ion Ratio Lower Upper

167 100

166 23.1 18.0 27.0

139 12.6 10.2 15.4



#74

Di-n-butylphthalate

Concen: 40.833 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

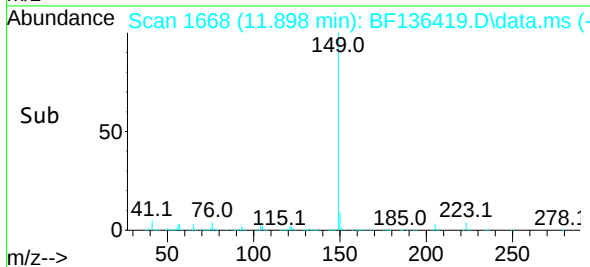
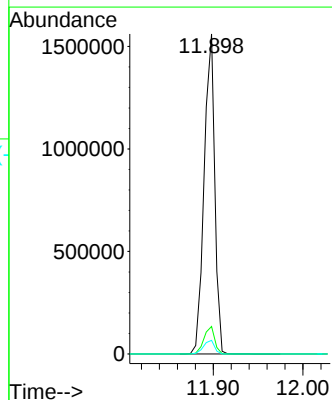
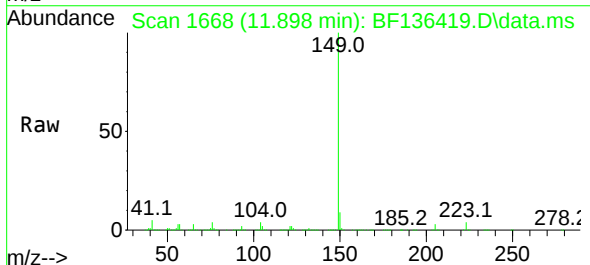
Tgt Ion:149 Resp: 1280172

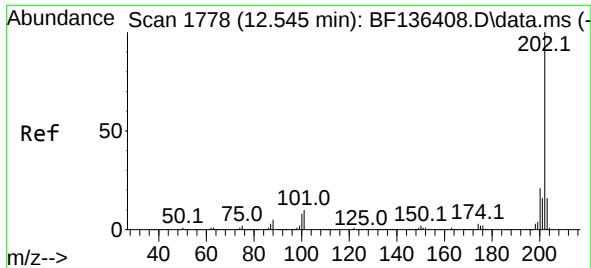
Ion Ratio Lower Upper

149 100

150 8.6 6.9 10.3

104 4.2 3.5 5.3

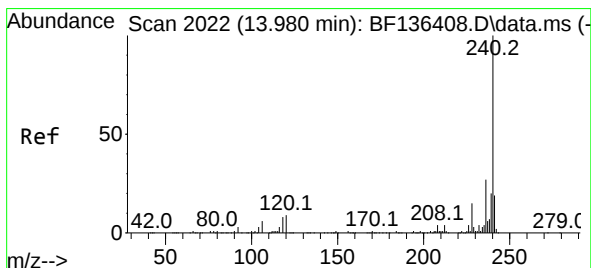
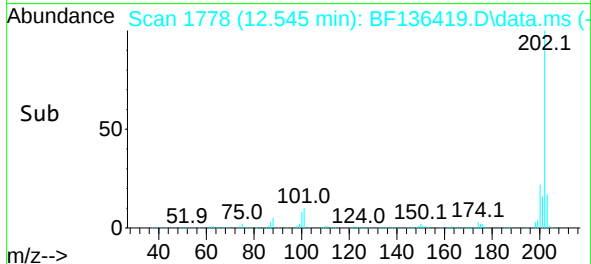
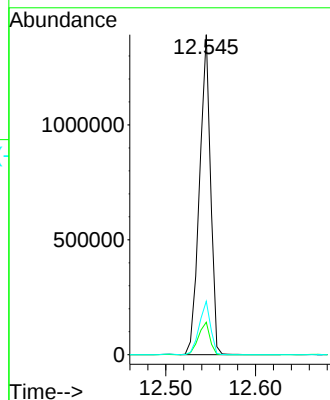
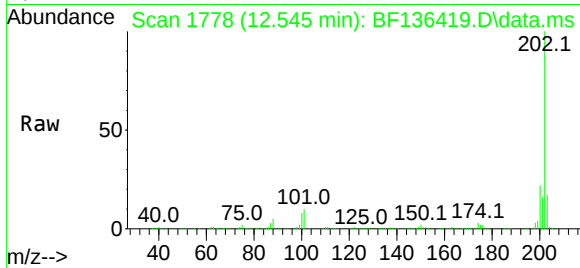




#75
Fluoranthene
Concen: 39.480 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

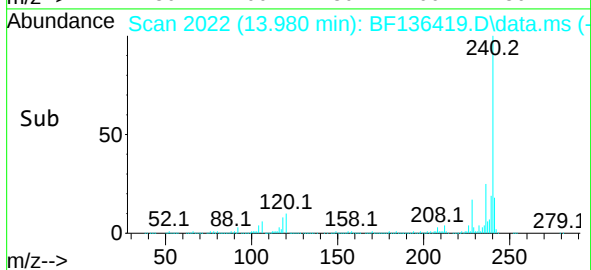
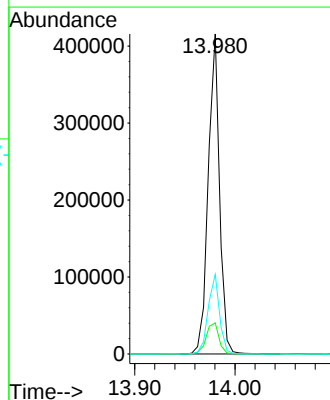
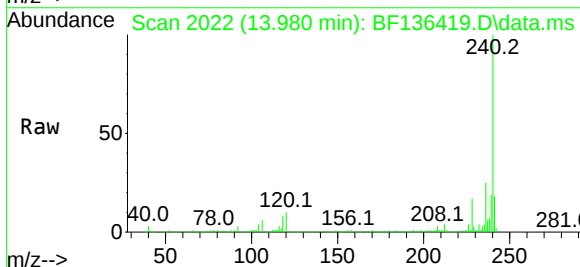
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

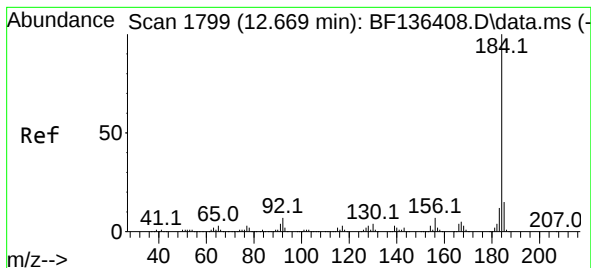
Tgt Ion:202 Resp: 1186896
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.9
203 16.7 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:240 Resp: 325978
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 24.9 21.3 31.9





#77

Benzidine

Concen: 33.291 ng

RT: 12.669 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

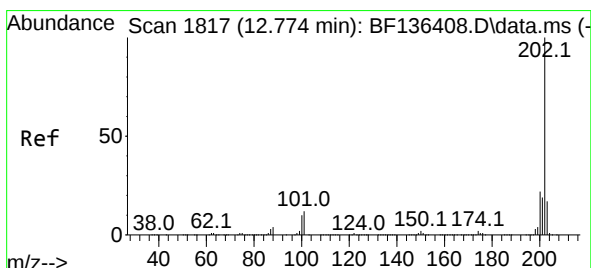
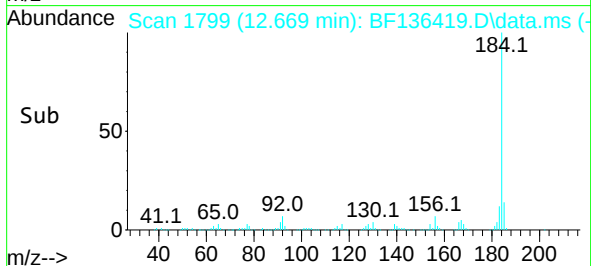
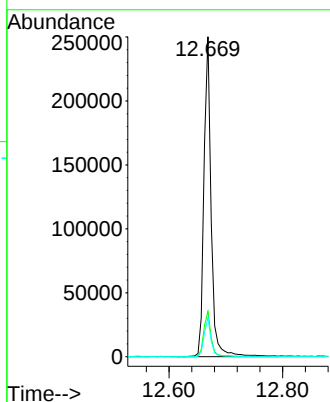
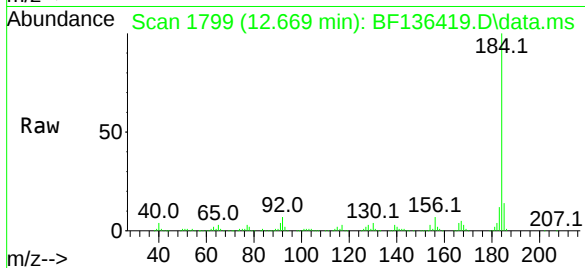
Tgt Ion:184 Resp: 219791

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

183 12.1 9.4 14.0



#78

Pyrene

Concen: 37.351 ng

RT: 12.775 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

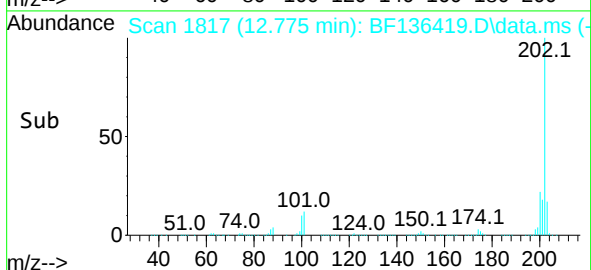
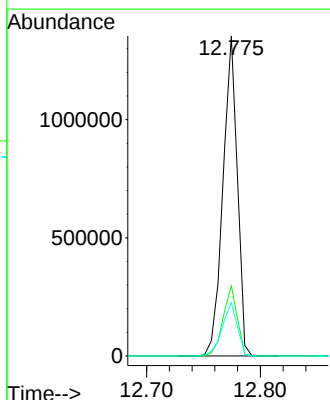
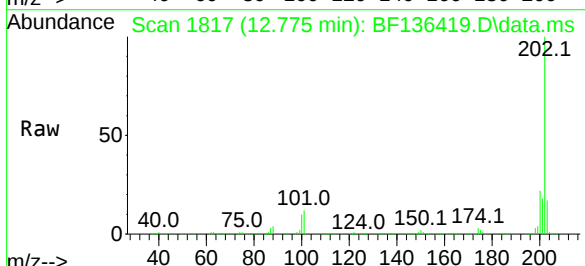
Tgt Ion:202 Resp: 1192430

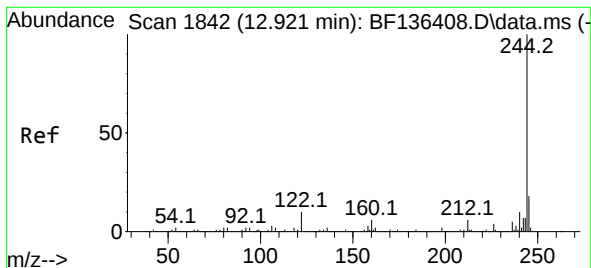
Ion Ratio Lower Upper

202 100

200 21.9 18.0 27.0

203 16.6 13.5 20.3





#79

Terphenyl-d14

Concen: 77.053 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

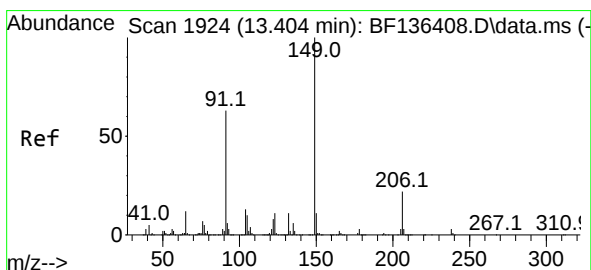
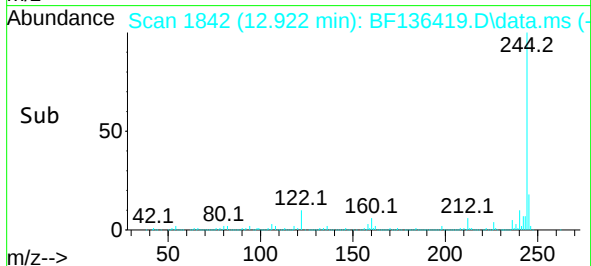
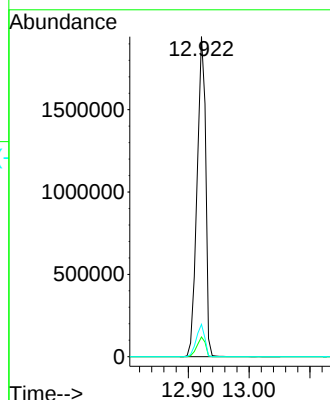
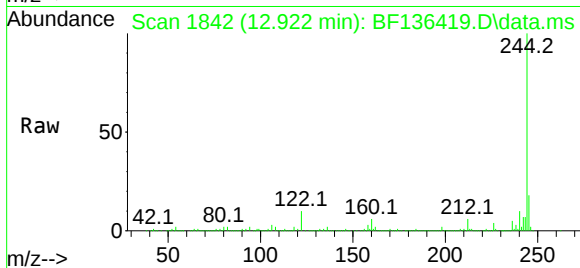
Tgt Ion:244 Resp: 1905673

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.1 8.3 12.5



#80

Butylbenzylphthalate

Concen: 41.639 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

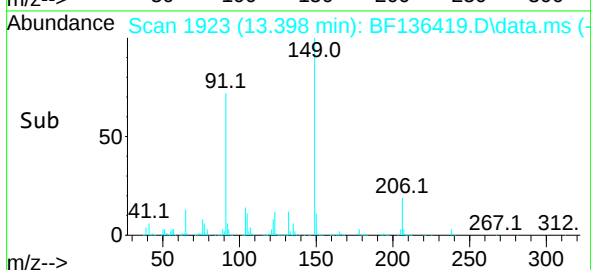
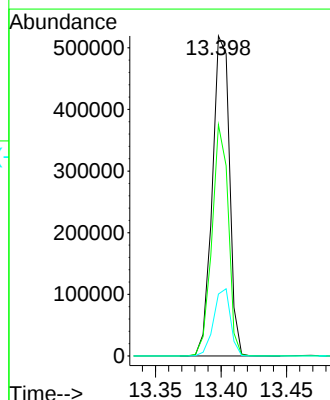
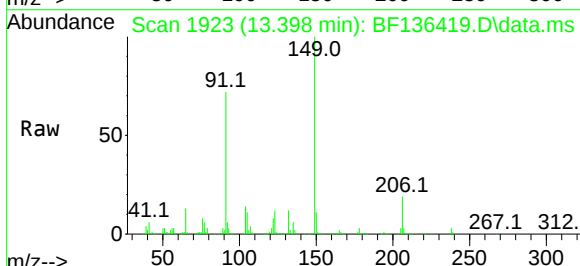
Tgt Ion:149 Resp: 473211

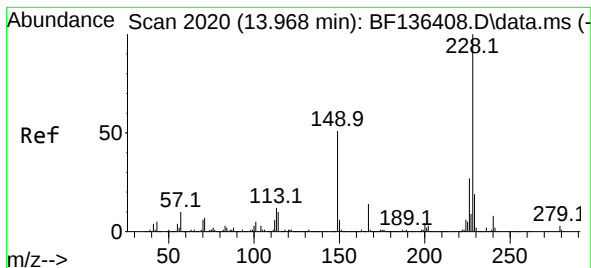
Ion Ratio Lower Upper

149 100

91 72.3 50.5 75.7

206 19.3 17.4 26.2





#81

Benzo(a)anthracene

Concen: 39.102 ng

RT: 13.969 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

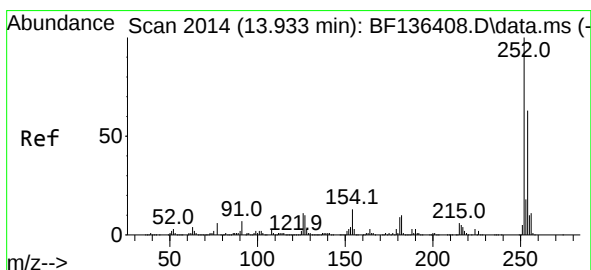
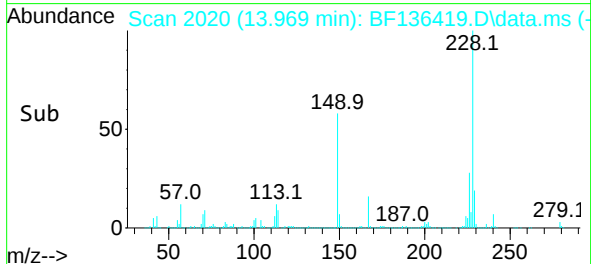
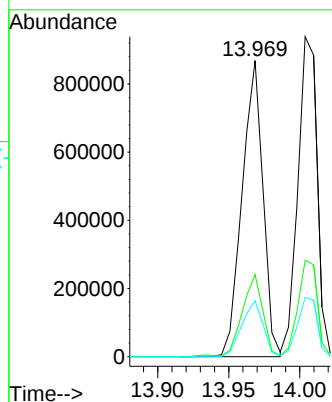
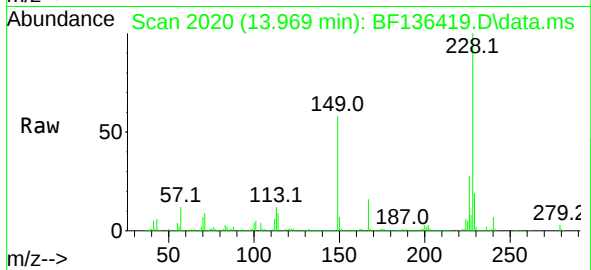
Tgt Ion:228 Resp: 887862

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

229 18.9 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 44.665 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

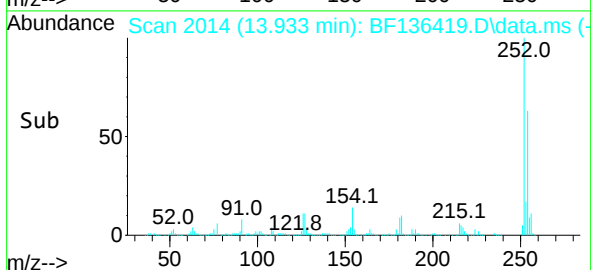
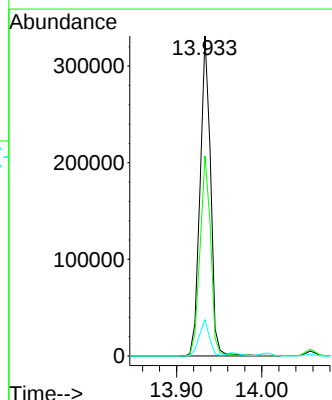
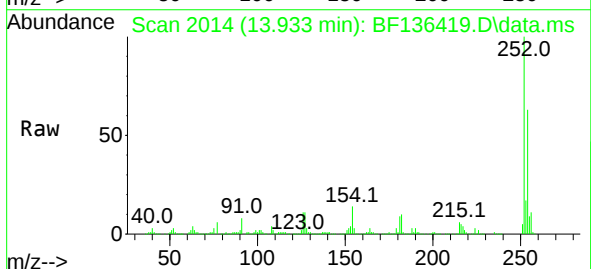
Tgt Ion:252 Resp: 284357

Ion Ratio Lower Upper

252 100

254 62.5 50.8 76.2

126 11.3 8.6 12.8





#83

Chrysene

Concen: 39.722 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

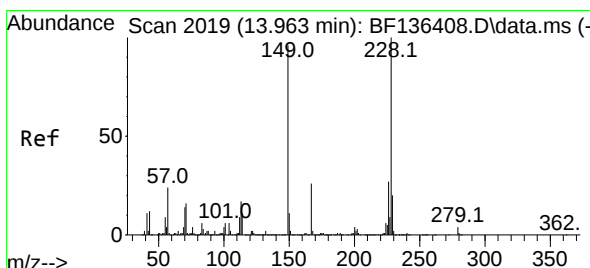
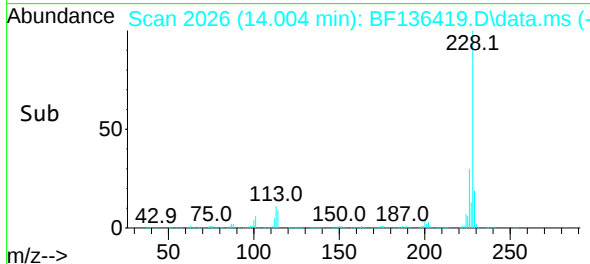
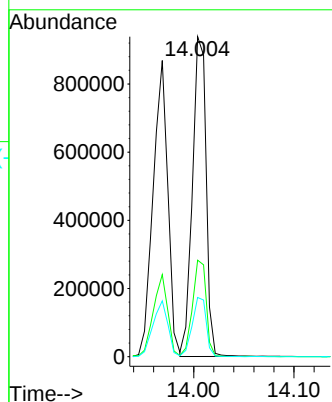
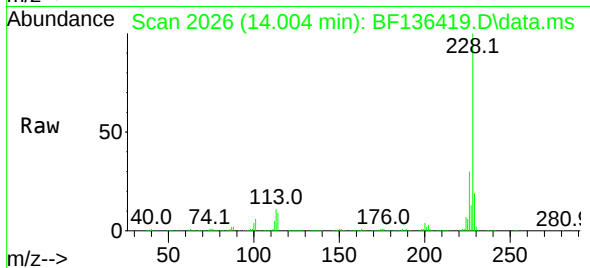
Tgt Ion:228 Resp: 887388

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 18.5 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.112 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

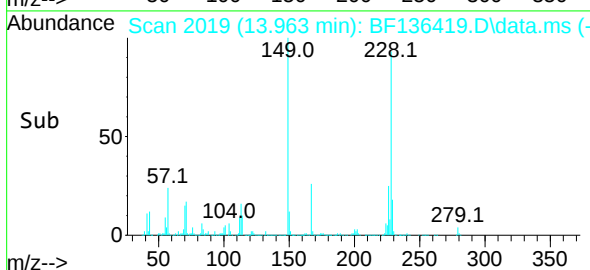
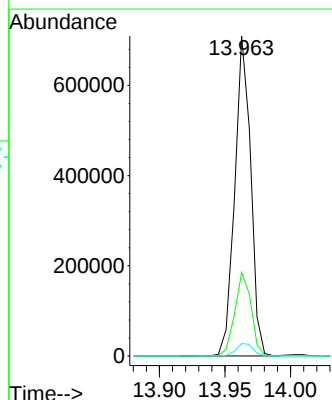
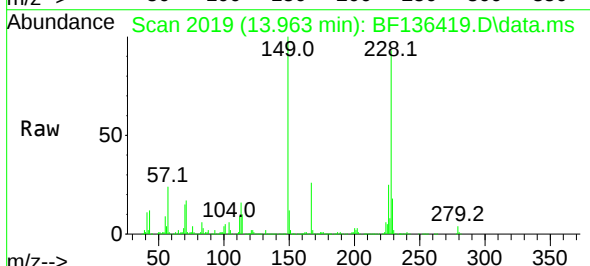
Tgt Ion:149 Resp: 600635

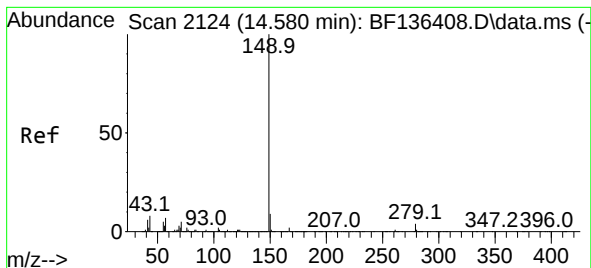
Ion Ratio Lower Upper

149 100

167 26.1 21.2 31.8

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 44.197 ng

RT: 14.580 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

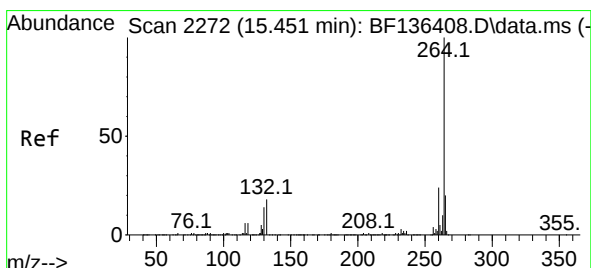
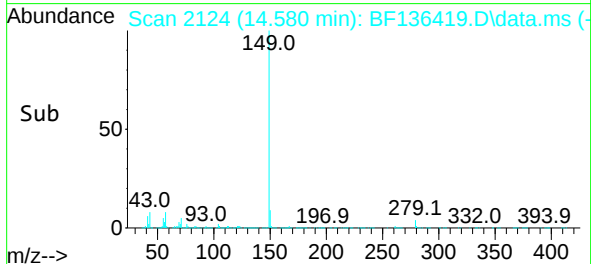
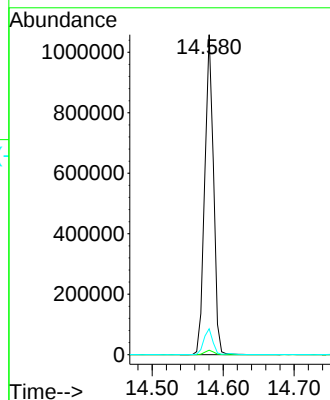
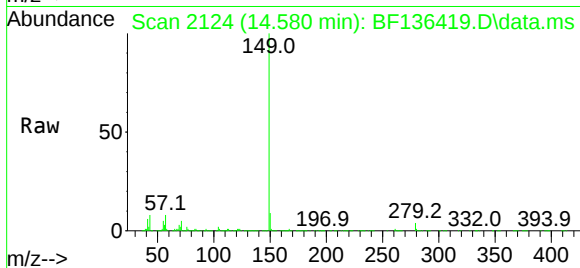
Tgt Ion:149 Resp: 909535

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.3 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

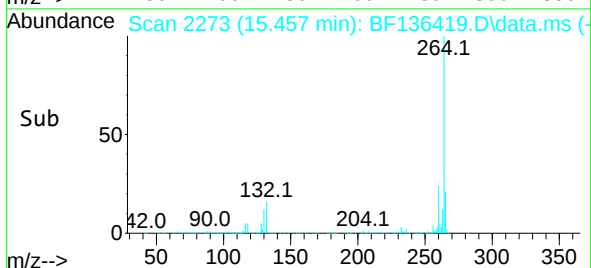
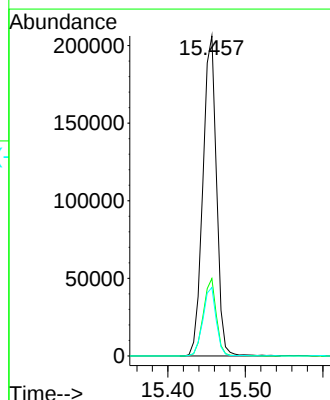
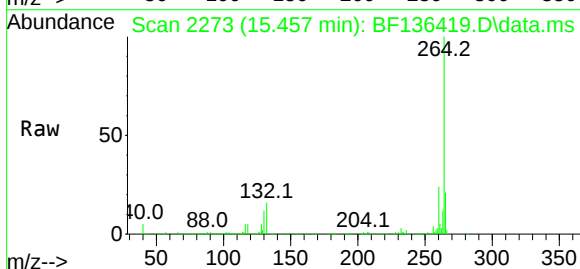
Tgt Ion:264 Resp: 251549

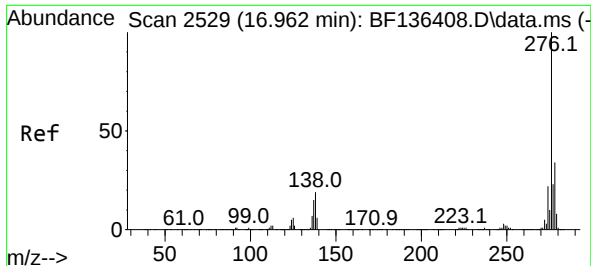
Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 15.9 23.9

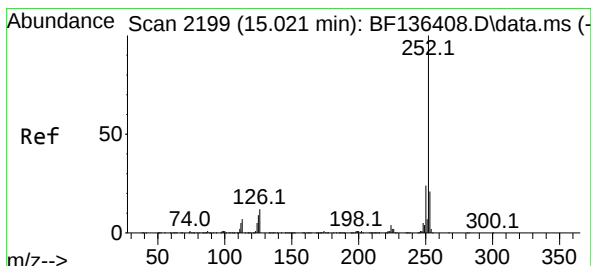
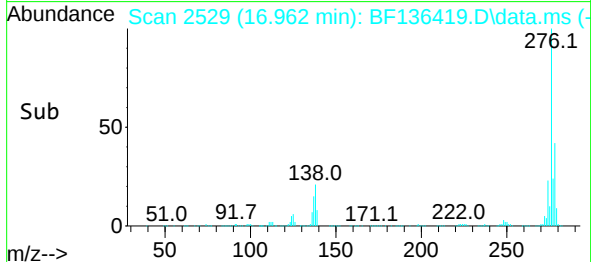
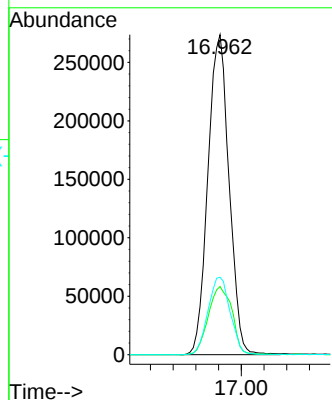
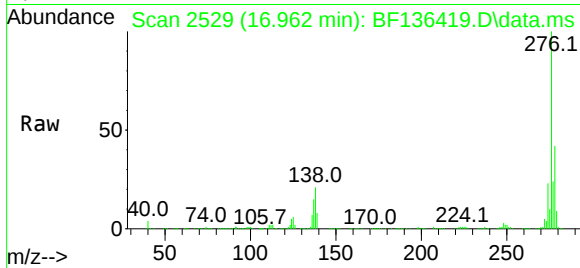




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.436 ng
 RT: 16.962 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF136419.D
 Acq: 06 Dec 2023 10:06

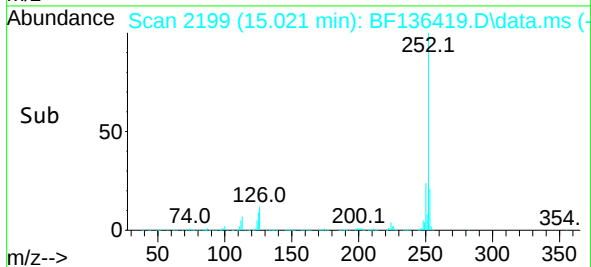
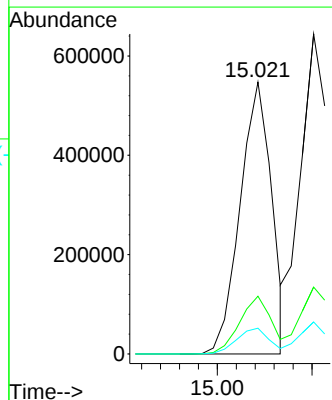
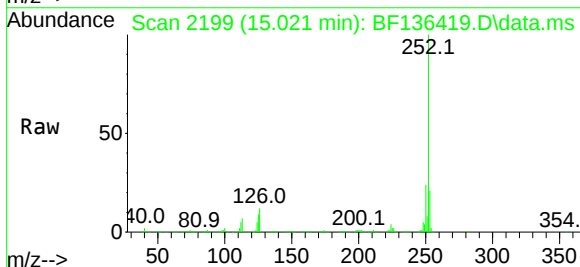
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

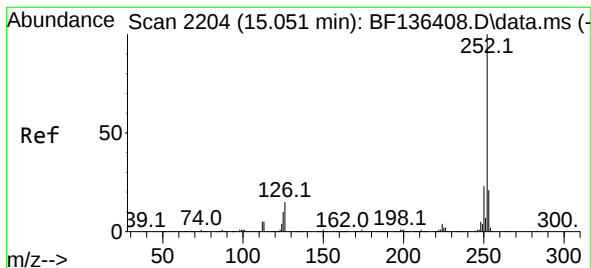
Tgt Ion:276 Resp: 706655
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.0 28.4
 277 25.5 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 36.855 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF136419.D
 Acq: 06 Dec 2023 10:06

Tgt Ion:252 Resp: 633877
 Ion Ratio Lower Upper
 252 100
 253 21.2 16.9 25.3
 125 9.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.143 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

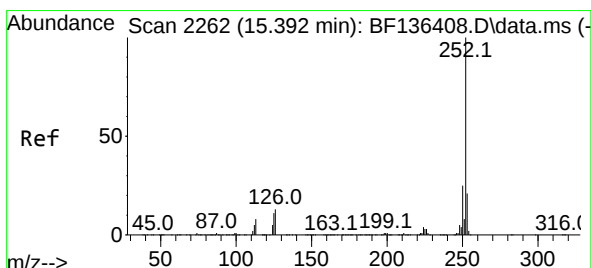
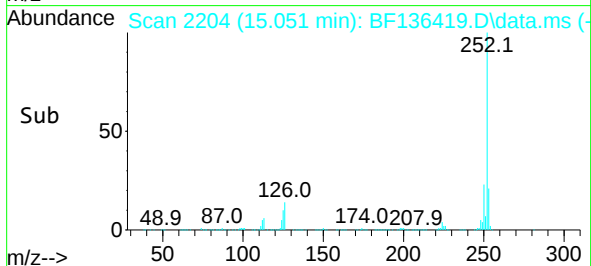
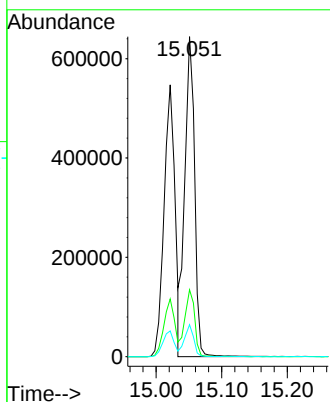
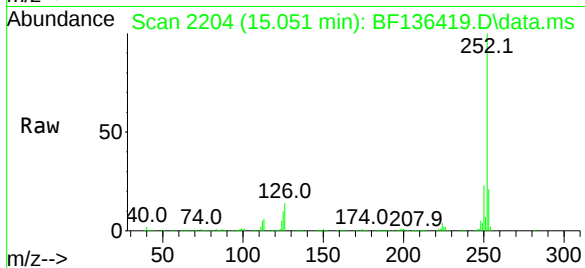
Tgt Ion:252 Resp: 666870

Ion Ratio Lower Upper

252 100

253 20.9 16.9 25.3

125 10.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 41.921 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF136419.D

Acq: 06 Dec 2023 10:06

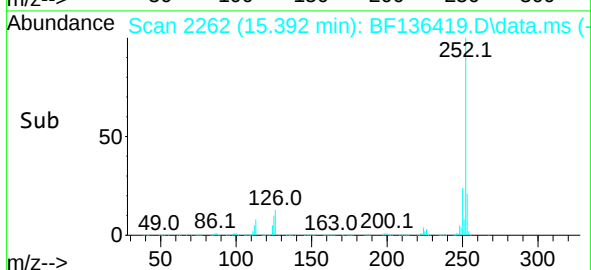
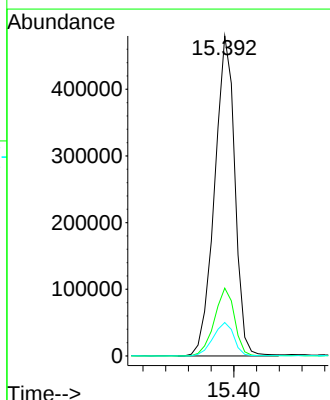
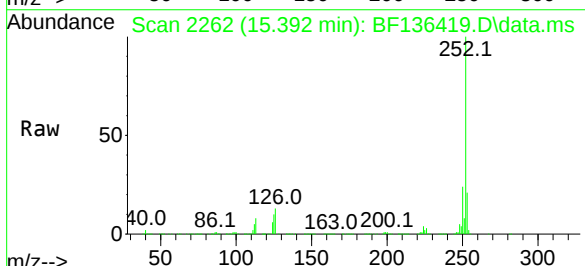
Tgt Ion:252 Resp: 595435

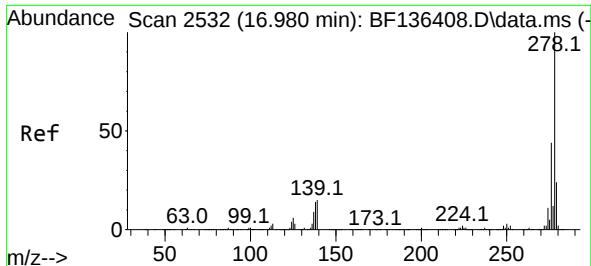
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

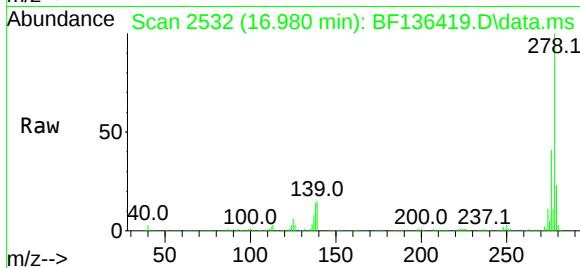
125 10.5 8.6 13.0



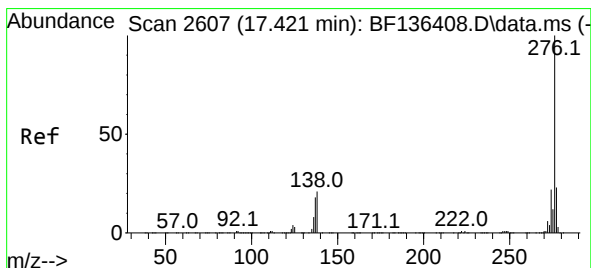
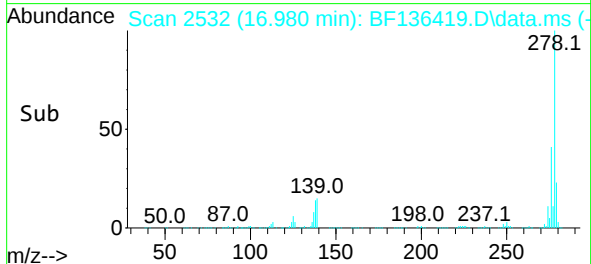
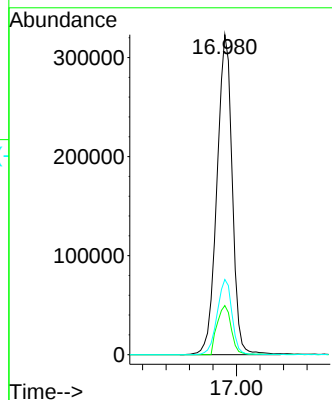


#91
Dibenzo(a,h)anthracene
Concen: 40.729 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 583113
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 23.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 40.075 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF136419.D
Acq: 06 Dec 2023 10:06

Tgt Ion:276 Resp: 588883
Ion Ratio Lower Upper
276 100
277 22.4 18.7 28.1
138 19.7 16.6 25.0

