

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135904.D
 Acq On : 20 Oct 2023 12:56
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 20 14:07:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.733	152	98486	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	362745	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	150392	20.000	ng	-0.01
64) Phenanthrene-d10	11.268	188	300698	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	186584	20.000	ng	-0.01
86) Perylene-d12	15.409	264	151334	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	520549	84.978	ng	0.00
7) Phenol-d6	6.398	99	578472	75.685	ng	0.00
23) Nitrobenzene-d5	7.310	82	549130	83.259	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	129080	89.444	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	900282	93.595	ng	0.00
79) Terphenyl-d14	12.868	244	934718	92.774	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.428	88	149112	50.466	ng	100
3) Pyridine	3.175	79	257700	35.547	ng	98
4) n-Nitrosodimethylamine	3.157	42	147069	37.723	ng	95
6) Aniline	6.410	93	364725	37.919	ng	# 70
8) 2-Chlorophenol	6.528	128	257508	38.982	ng	99
9) Benzaldehyde	6.298	77	162580	37.373	ng	99
10) Phenol	6.410	94	307723	38.424	ng	99
11) bis(2-Chloroethyl)ether	6.481	93	244770	37.931	ng	99
12) 1,3-Dichlorobenzene	6.675	146	264957	39.564	ng	98
13) 1,4-Dichlorobenzene	6.751	146	263419	38.829	ng	100
14) 1,2-Dichlorobenzene	6.904	146	237634	38.903	ng	99
15) Benzyl Alcohol	6.892	79	205414	40.420	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	422012	36.160	ng	90
17) 2-Methylphenol	7.010	107	217437	38.023	ng	96
18) Hexachloroethane	7.233	117	96181	39.102	ng	95
19) n-Nitroso-di-n-propyla...	7.157	70	174177	36.856	ng	98
20) 3+4-Methylphenols	7.163	107	271242	38.048	ng	92
22) Acetophenone	7.157	105	342713	41.195	ng	# 97
24) Nitrobenzene	7.328	77	273460	41.312	ng	99
25) Isophorone	7.563	82	500938	40.259	ng	99
26) 2-Nitrophenol	7.639	139	134619	41.673	ng	96
27) 2,4-Dimethylphenol	7.686	122	220448	41.454	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	301922	40.745	ng	99
29) 2,4-Dichlorophenol	7.886	162	209504	42.039	ng	96
30) 1,2,4-Trichlorobenzene	7.957	180	215238	42.227	ng	99
31) Naphthalene	8.039	128	726768	41.076	ng	99
32) Benzoic acid	7.851	122	132918	36.925	ng	89
33) 4-Chloroaniline	8.098	127	316798	40.989	ng	99
34) Hexachlorobutadiene	8.145	225	128963	42.745	ng	100
35) Caprolactam	8.492	113	55702	32.695	ng	91
36) 4-Chloro-3-methylphenol	8.592	107	228660	41.374	ng	98
37) 2-Methylnaphthalene	8.727	142	484240	41.540	ng	100
38) 1-Methylnaphthalene	8.827	142	445475	41.433	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	222588	51.452	ng	99
41) Hexachlorocyclopentadiene	8.874	237	19025	40.024	ng	96
43) 2,4,6-Trichlorophenol	9.022	196	140355	50.347	ng	97

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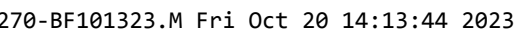
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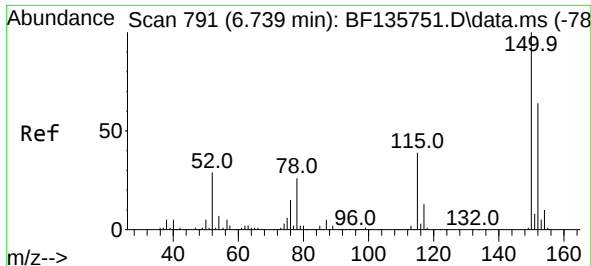
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	153156	47.235	ng	99
46) 1,1'-Biphenyl	9.198	154	469339	40.740	ng	99
47) 2-Chloronaphthalene	9.222	162	332675	40.069	ng	100
48) 2-Nitroaniline	9.333	65	132239	40.351	ng	96
49) Acenaphthylene	9.639	152	557816	40.598	ng	100
50) Dimethylphthalate	9.504	163	405981	39.988	ng	99
51) 2,6-Dinitrotoluene	9.580	165	88834	40.689	ng	91
52) Acenaphthene	9.810	154	361264	43.867	ng	99
53) 3-Nitroaniline	9.751	138	106897	39.941	ng	96
54) 2,4-Dinitrophenol	9.874	184	52043	57.106	ng	86
55) Dibenzofuran	9.986	168	550710	44.319	ng	97
56) 4-Nitrophenol	9.945	139	35174	32.207	ng	96
57) 2,4-Dinitrotoluene	9.992	165	127271	45.822	ng	90
58) Fluorene	10.327	166	402895	41.416	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	106350	43.401	ng	100
60) Diethylphthalate	10.204	149	459083	44.294	ng	100
61) 4-Chlorophenyl-phenyle...	10.316	204	197353	41.975	ng	99
62) 4-Nitroaniline	10.374	138	107409	43.619	ng	96
63) Azobenzene	10.480	77	443946	44.087	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	62536	41.324	ng	98
66) n-Nitrosodiphenylamine	10.445	169	392679	42.845	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	129398	42.869	ng	98
68) Hexachlorobenzene	10.880	284	128717	41.884	ng	98
69) Atrazine	10.974	200	102640	41.172	ng	99
70) Pentachlorophenol	11.086	266	47696	39.351	ng	96
71) Phenanthrene	11.298	178	602376	41.818	ng	99
72) Anthracene	11.351	178	618543	41.438	ng	100
73) Carbazole	11.515	167	574434	41.263	ng	99
74) Di-n-butylphthalate	11.833	149	724500	42.388	ng	100
75) Fluoranthene	12.492	202	660746	41.329	ng	99
77) Benzidine	12.621	184	167812	41.217	ng	98
78) Pyrene	12.727	202	662746	44.699	ng	99
80) Butylbenzylphthalate	13.345	149	289982	44.507	ng	93
81) Benzo(a)anthracene	13.927	228	519379	42.379	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	161947	39.844	ng	99
83) Chrysene	13.962	228	483983	40.772	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	384018	43.487	ng	99
85) Di-n-octyl phthalate	14.521	149	534688	38.184	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	378668	45.922	ng	97
88) Benzo(b)fluoranthene	14.980	252	347627	41.044	ng	97
89) Benzo(k)fluoranthene	15.009	252	365480	44.447	ng	98
90) Benzo(a)pyrene	15.351	252	335061	42.070	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	312359	46.209	ng	99
92) Benzo(g,h,i)perylene	17.368	276	320002	46.086	ng	98

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

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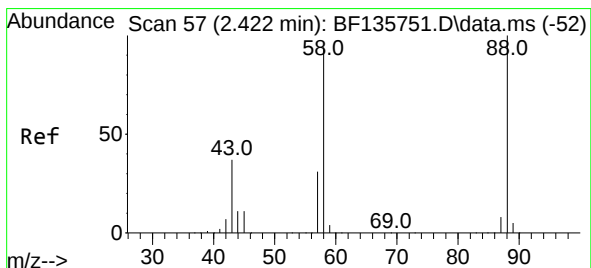
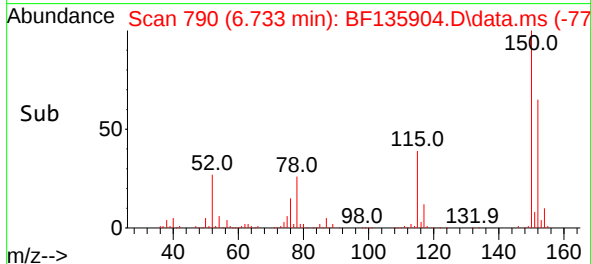
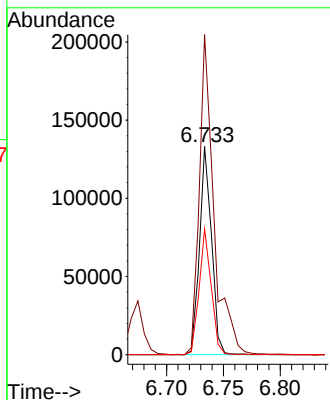
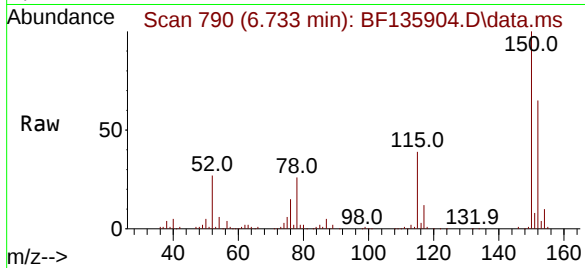




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.733 min Scan# 791
Delta R.T. -0.013 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

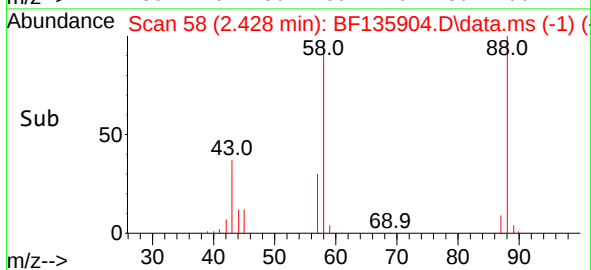
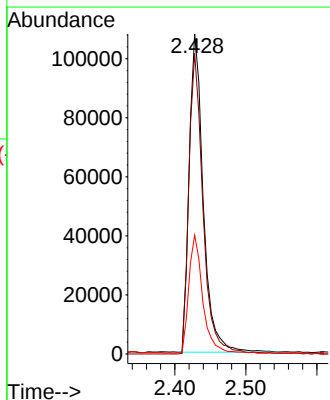
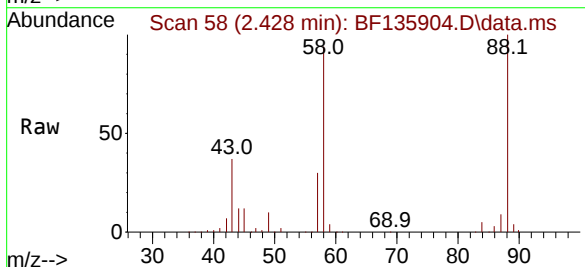
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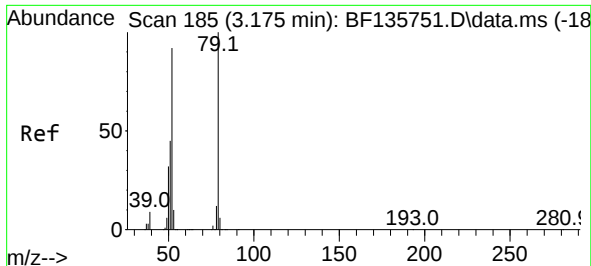
Tgt Ion:152 Resp: 98486
Ion Ratio Lower Upper
152 100
150 153.7 124.5 186.7
115 60.4 49.0 73.4



#2
1,4-Dioxane
Concen: 50.466 ng
RT: 2.428 min Scan# 58
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion: 88 Resp: 149112
Ion Ratio Lower Upper
88 100
58 95.1 76.1 114.1
43 36.5 29.8 44.8



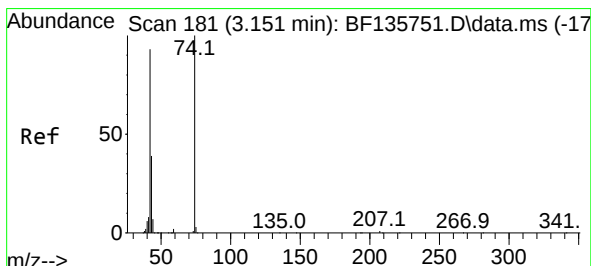
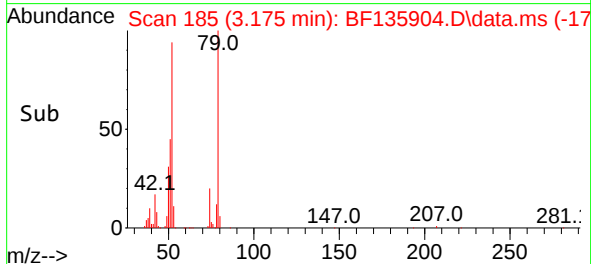
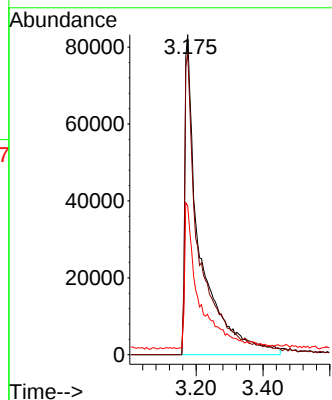
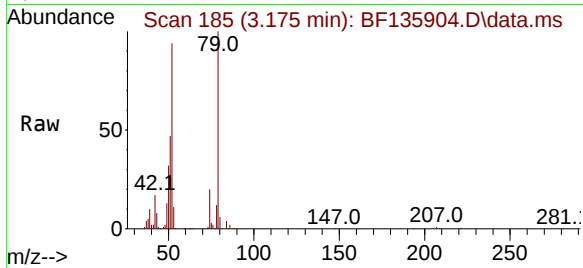


#3
 Pyridine
 Concen: 35.547 ng
 RT: 3.175 min Scan# 185
 Delta R.T. -0.012 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 79 Resp: 257700

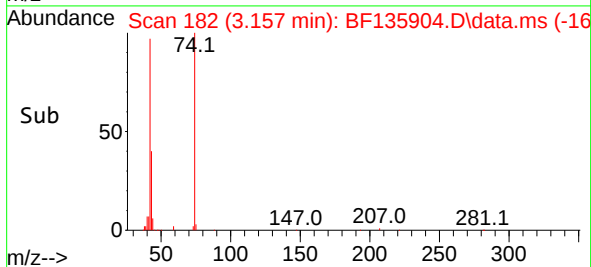
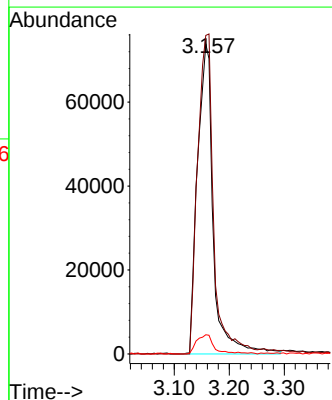
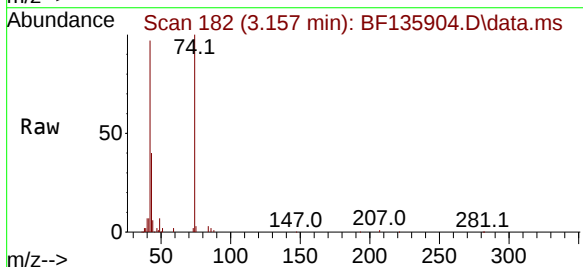
Ion	Ratio	Lower	Upper
79	100		
52	94.2	73.4	110.2
51	46.6	36.5	54.7

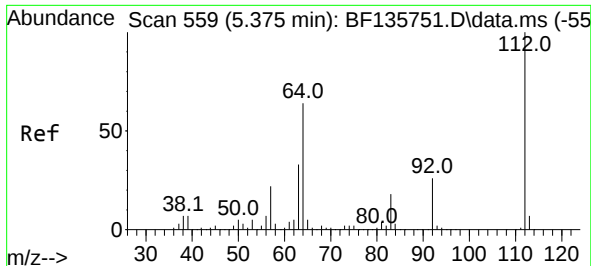


#4
 n-Nitrosodimethylamine
 Concen: 37.723 ng
 RT: 3.157 min Scan# 182
 Delta R.T. -0.012 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56

Tgt Ion: 42 Resp: 147069

Ion	Ratio	Lower	Upper
42	100		
74	102.8	86.5	129.7
44	6.2	5.9	8.9

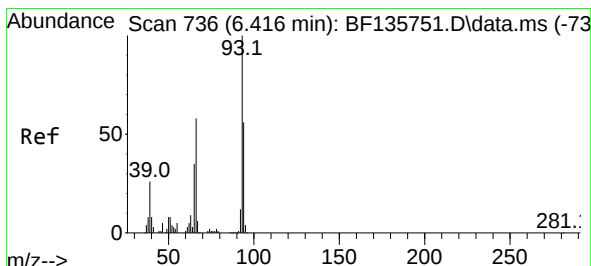
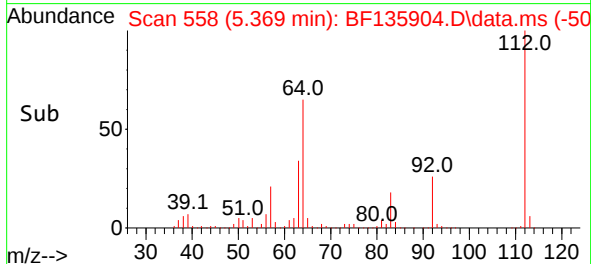
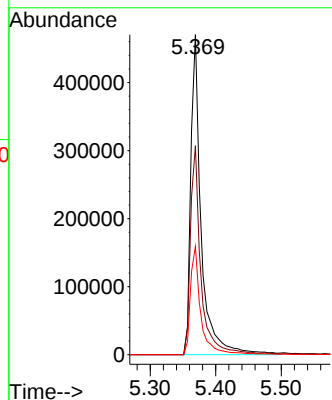
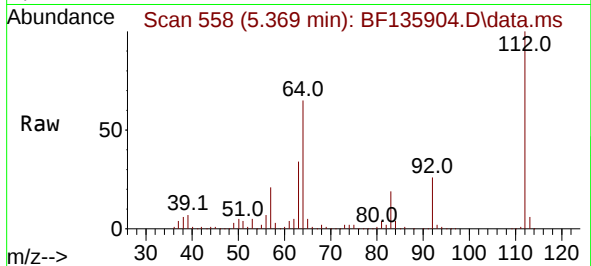




#5
2-Fluorophenol
Concen: 84.978 ng
RT: 5.369 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

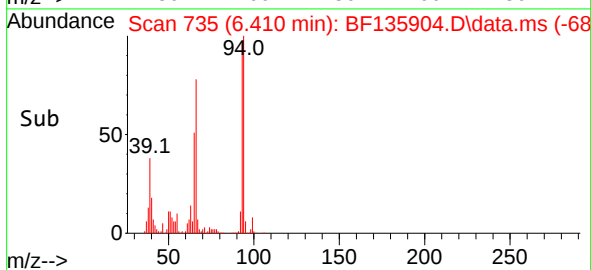
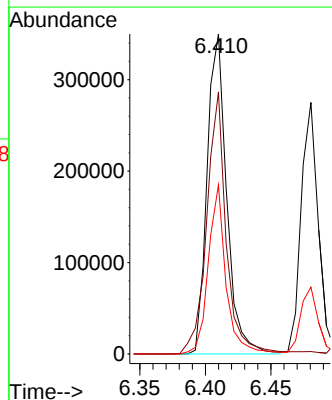
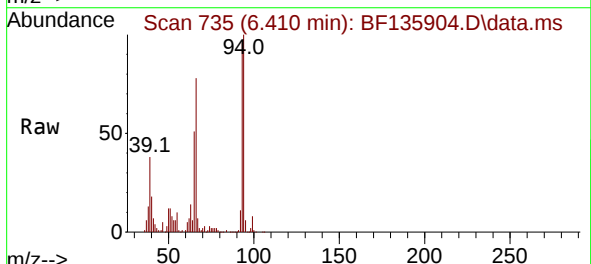
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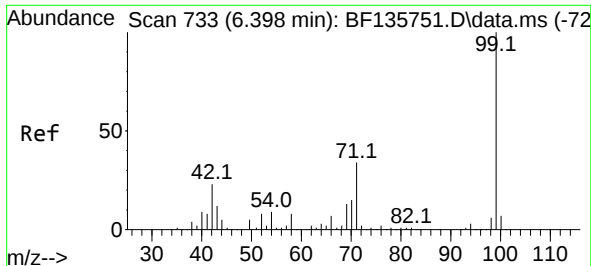
Tgt Ion:112 Resp: 520549
Ion Ratio Lower Upper
112 100
64 65.3 51.2 76.8
63 33.9 26.1 39.1



#6
Aniline
Concen: 37.919 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion: 93 Resp: 364725
Ion Ratio Lower Upper
93 100
66 81.9 47.6 71.4#
65 52.9 28.5 42.7#

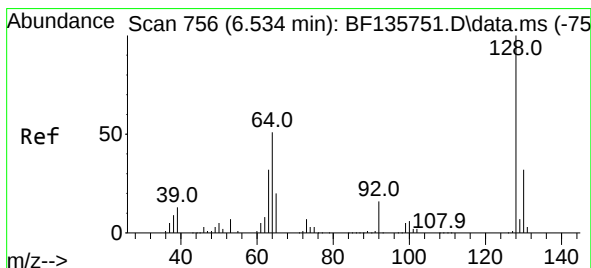
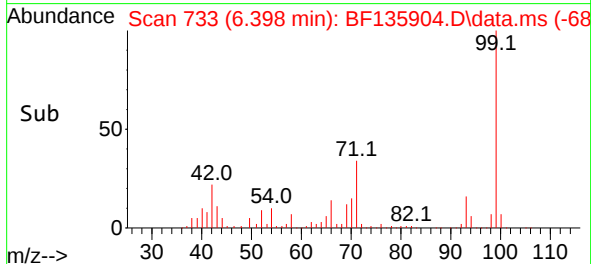
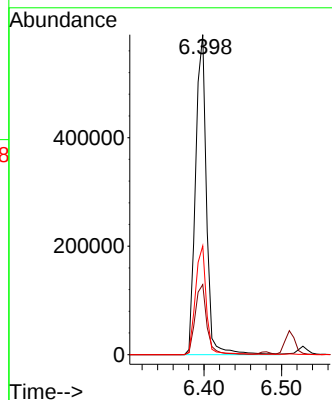
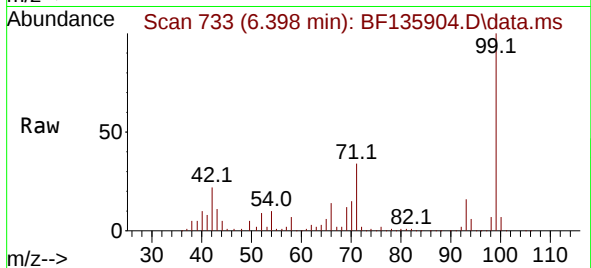




#7
Phenol-d6
Concen: 75.685 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

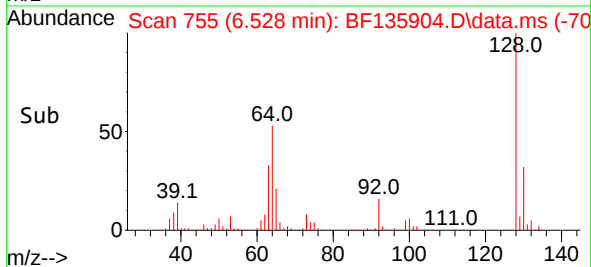
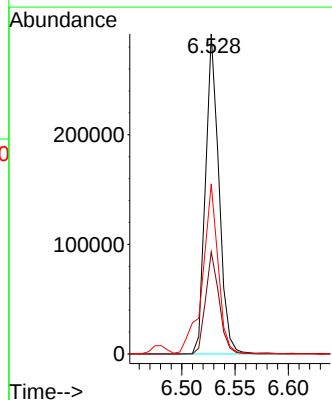
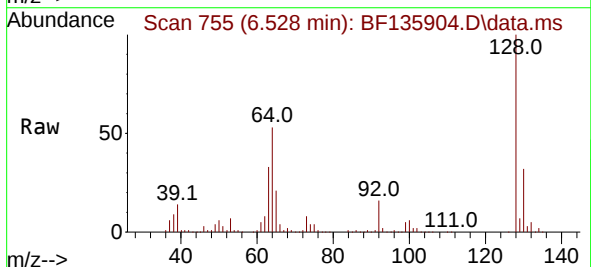
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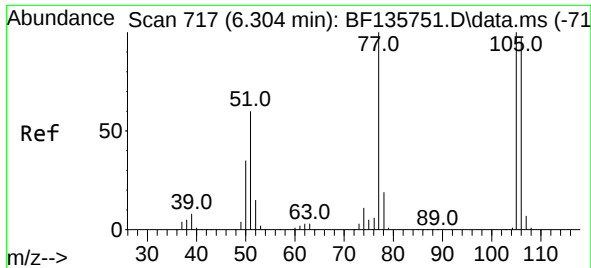
Tgt Ion: 99 Resp: 578472
Ion Ratio Lower Upper
99 100
42 21.9 18.4 27.6
71 34.0 27.2 40.8



#8
2-Chlorophenol
Concen: 38.982 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion: 128 Resp: 257508
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 53.1 32.3 72.3

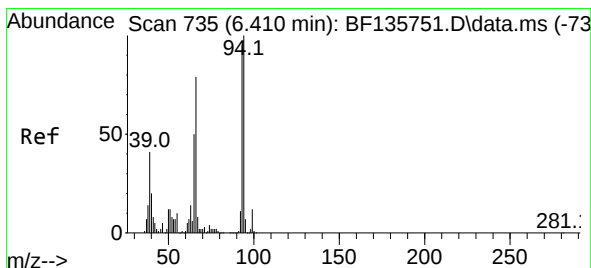
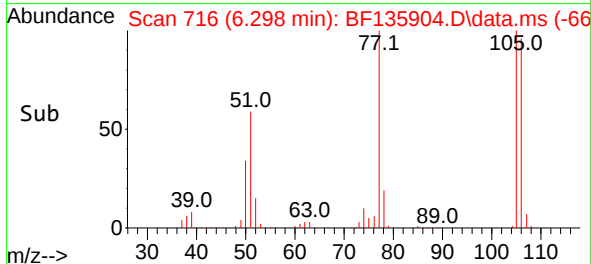
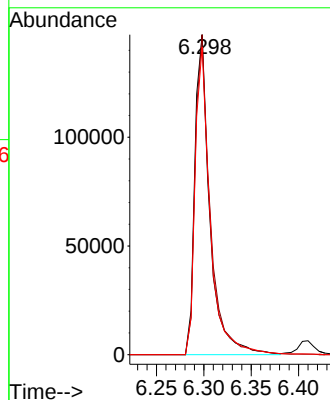
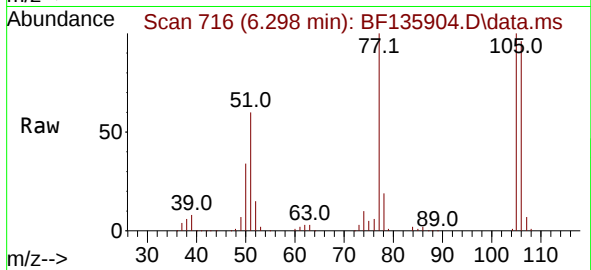




#9
Benzaldehyde
Concen: 37.373 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

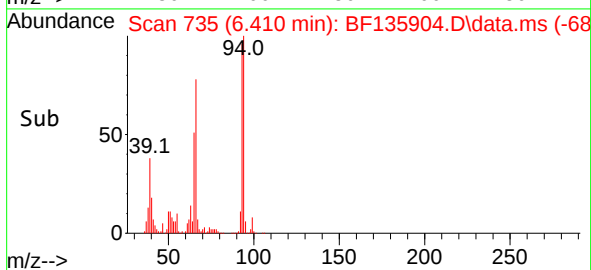
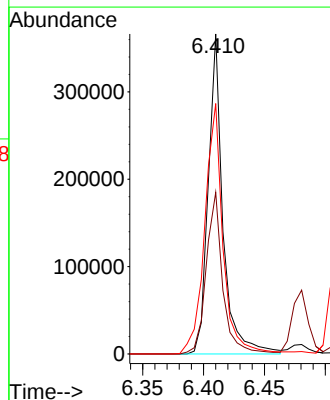
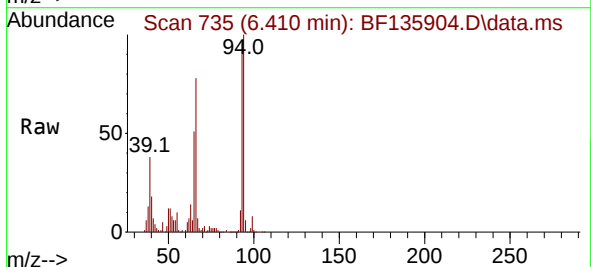
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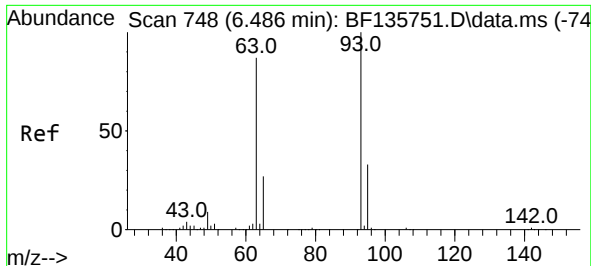
Tgt Ion: 77 Resp: 162580
Ion Ratio Lower Upper
77 100
105 100.0 79.9 119.9
106 96.1 77.1 117.1



#10
Phenol
Concen: 38.424 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion: 94 Resp: 307723
Ion Ratio Lower Upper
94 100
65 50.5 30.3 70.3
66 78.2 59.1 99.1

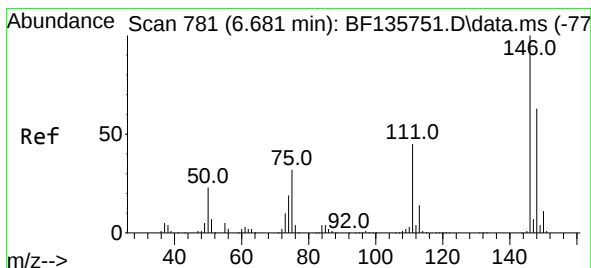
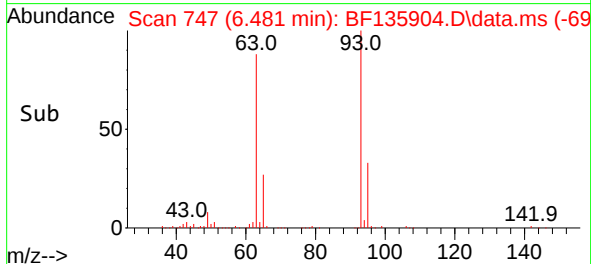
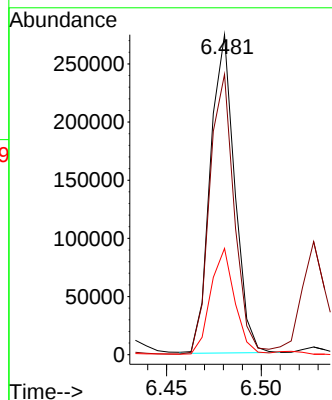
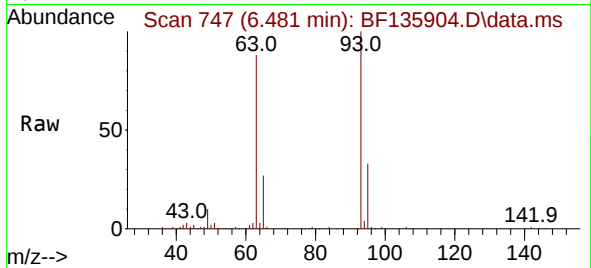




#11
bis(2-Chloroethyl)ether
Concen: 37.931 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

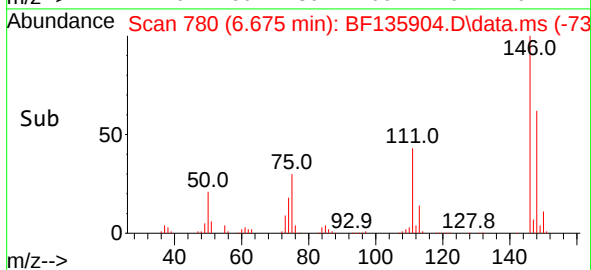
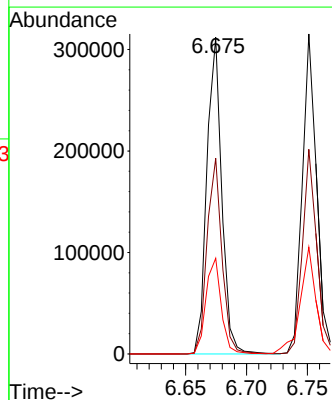
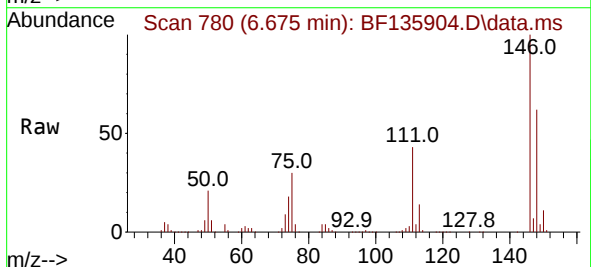
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

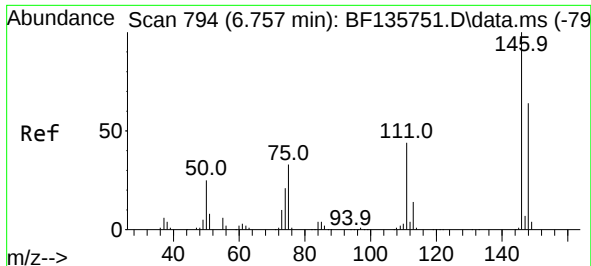
Tgt Ion: 93 Resp: 244770
Ion Ratio Lower Upper
93 100
63 87.6 66.3 106.3
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.564 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion: 146 Resp: 264957
Ion Ratio Lower Upper
146 100
148 61.8 50.2 75.4
75 30.2 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.829 ng

RT: 6.751 min Scan# 794

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

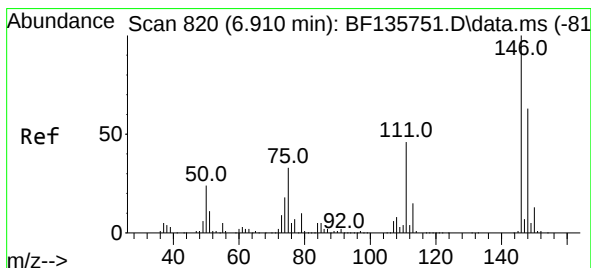
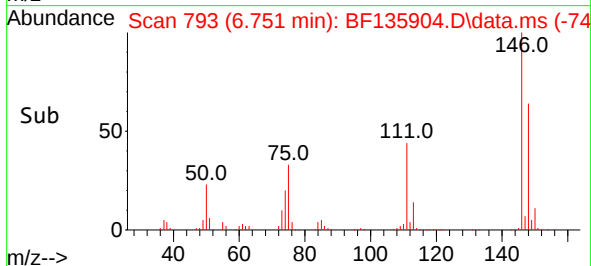
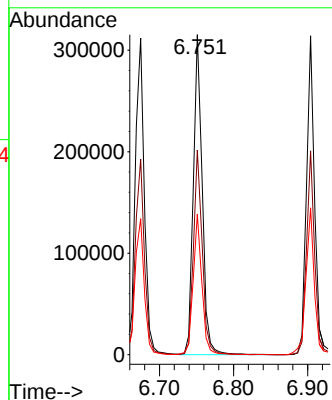
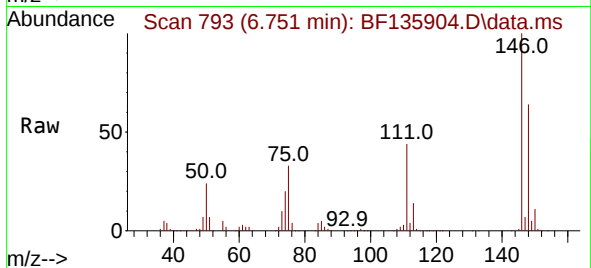
Tgt Ion:146 Resp: 263419

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 44.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.903 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

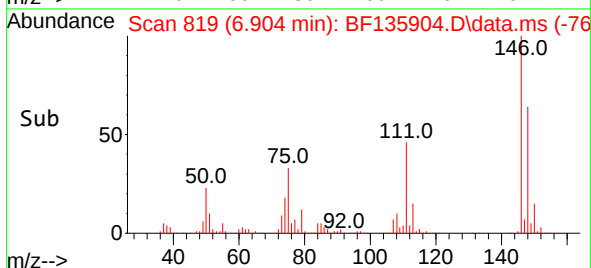
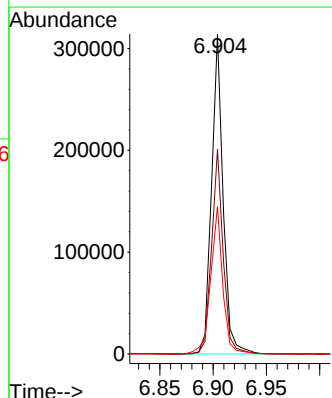
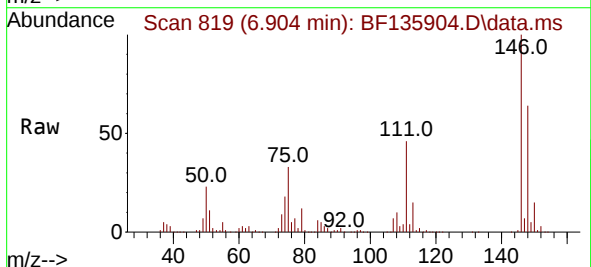
Tgt Ion:146 Resp: 237634

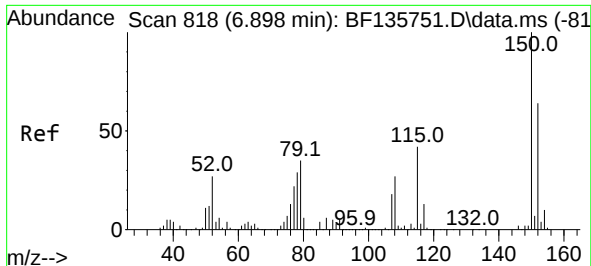
Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

111 46.1 37.1 55.7

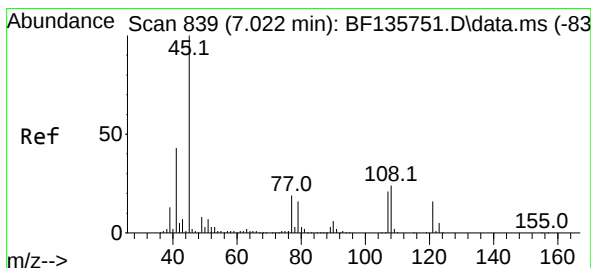
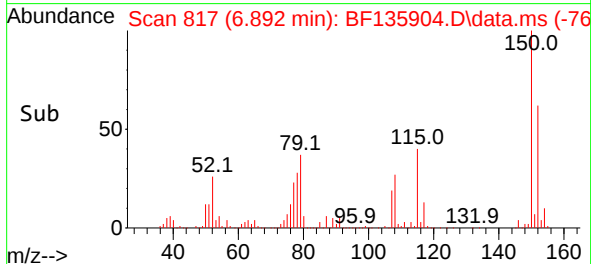
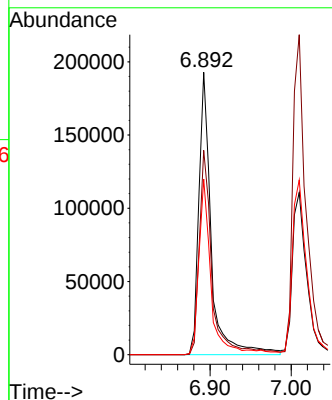
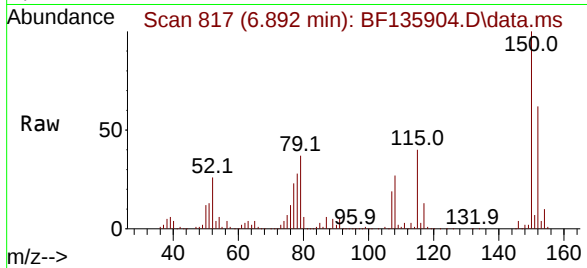




#15
Benzyl Alcohol
Concen: 40.420 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

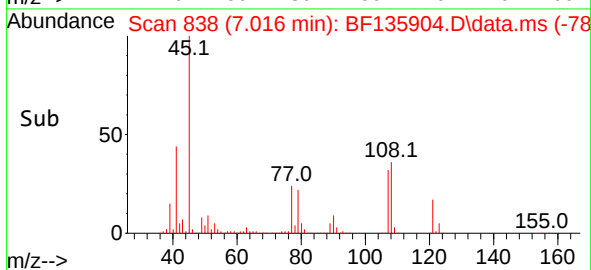
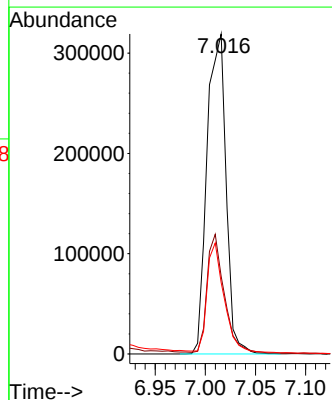
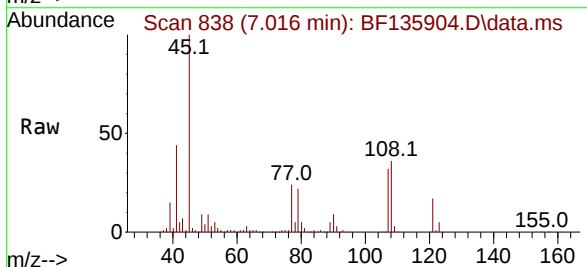
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

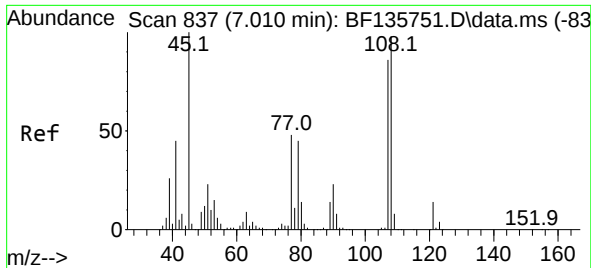
Tgt Ion: 79 Resp: 205414
Ion Ratio Lower Upper
79 100
108 72.4 62.0 93.0
77 62.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.160 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion: 45 Resp: 422012
Ion Ratio Lower Upper
45 100
77 24.2 0.0 39.8
79 22.3 0.0 37.6

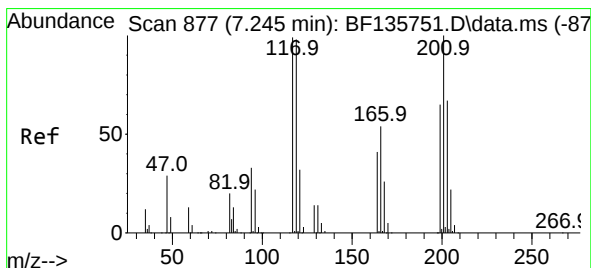
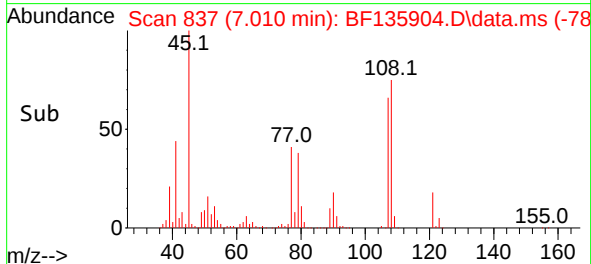
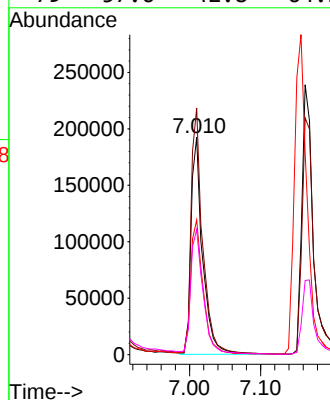
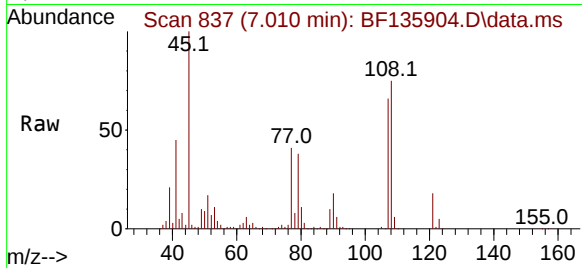




#17
2-Methylphenol
Concen: 38.023 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

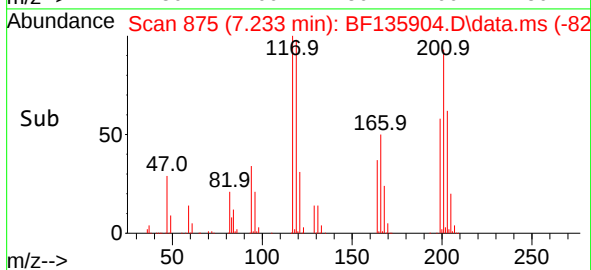
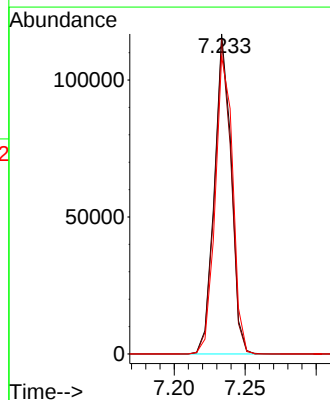
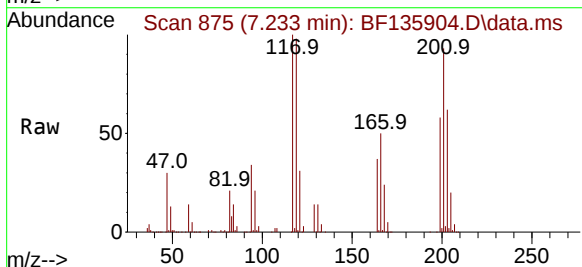
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

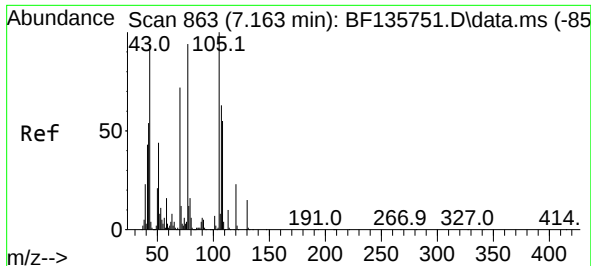
Tgt Ion:107 Resp: 217437
Ion Ratio Lower Upper
107 100
108 113.6 91.8 137.6
77 62.1 45.4 68.0
79 57.6 42.8 64.2



#18
Hexachloroethane
Concen: 39.102 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:117 Resp: 96181
Ion Ratio Lower Upper
117 100
119 98.3 79.5 119.3
201 93.0 80.9 121.3

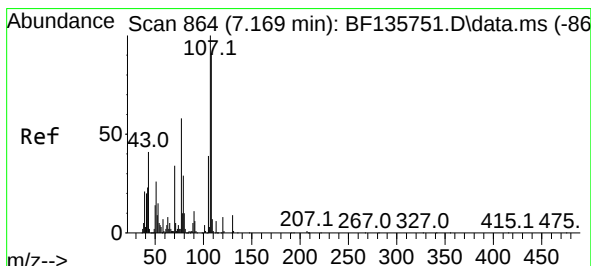
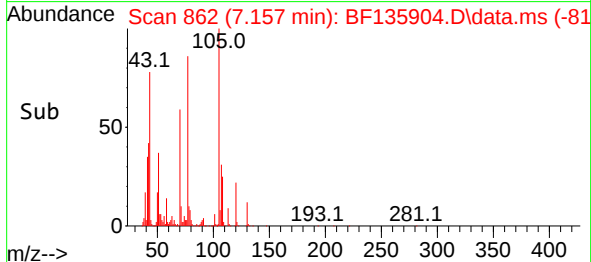
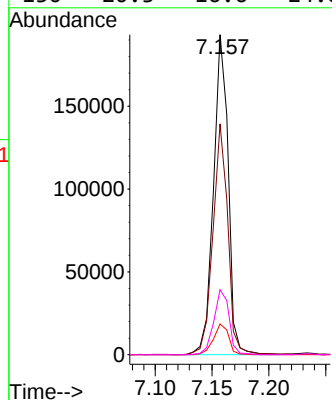
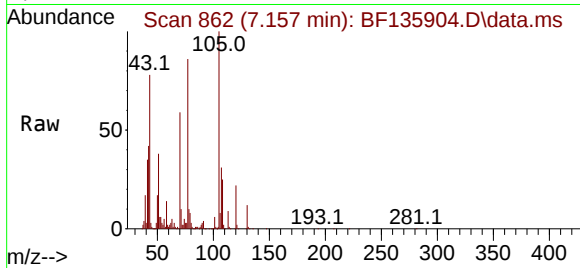




#19
n-Nitroso-di-n-propylamine
Concen: 36.856 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

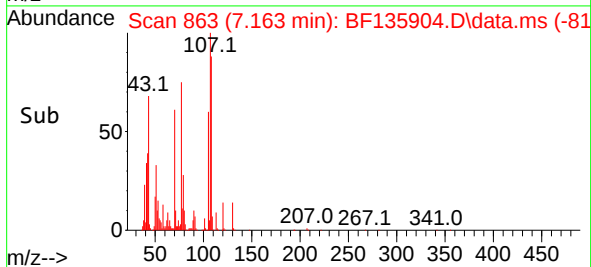
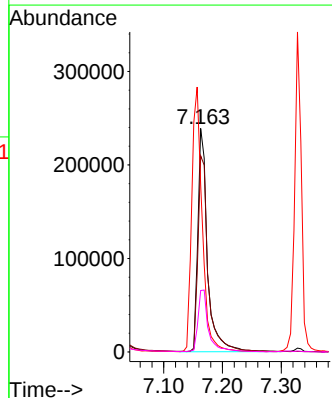
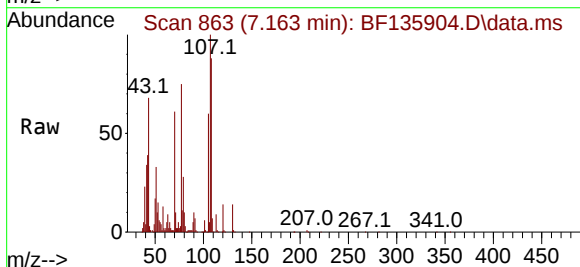
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

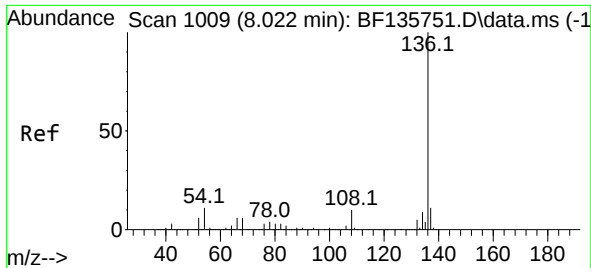
Tgt Ion:	70	Resp:	174177
Ion	Ratio	Lower	Upper
70	100		
42	72.1	59.8	89.6
101	9.6	7.4	11.2
130	20.3	16.6	24.8



#20
3+4-Methylphenols
Concen: 38.048 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:	107	Resp:	271242
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.1	111.1
77	74.8	42.0	82.0
79	27.5	9.6	49.6

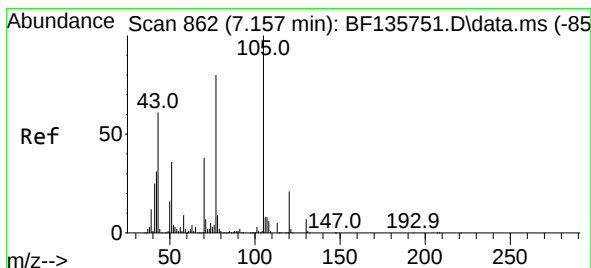
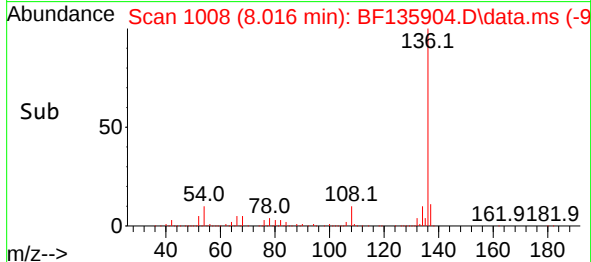
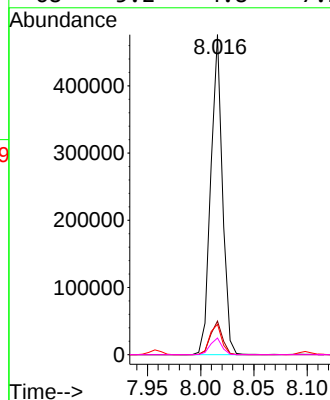
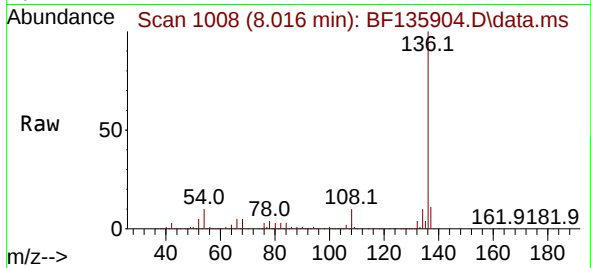




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

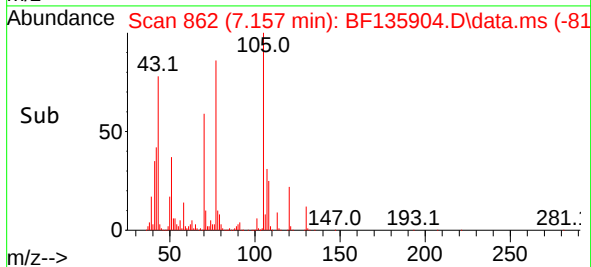
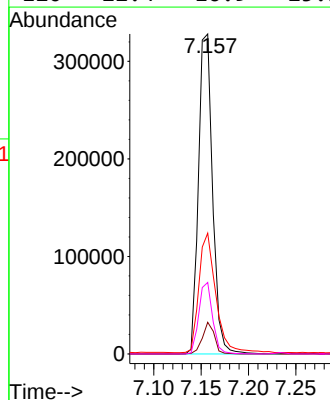
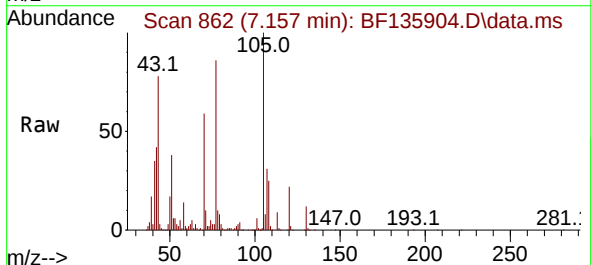
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

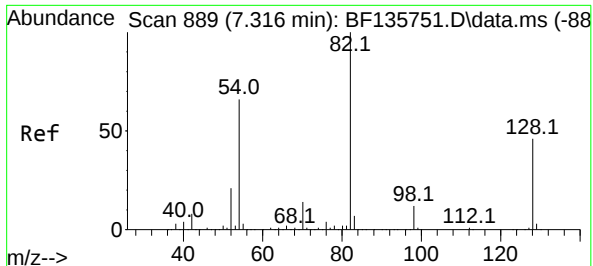
Tgt Ion:136 Resp: 362745
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.5 8.5 12.7
68 5.2 4.8 7.2



#22
Acetophenone
Concen: 41.195 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:105 Resp: 342713
Ion Ratio Lower Upper
105 100
71 9.9 5.4 8.0#
51 37.8 29.4 44.0
120 22.4 16.9 25.3





#23

Nitrobenzene-d5

Concen: 83.259 ng

RT: 7.310 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

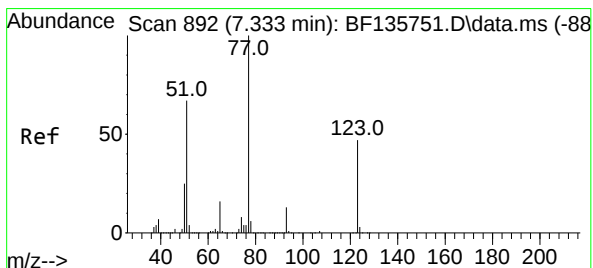
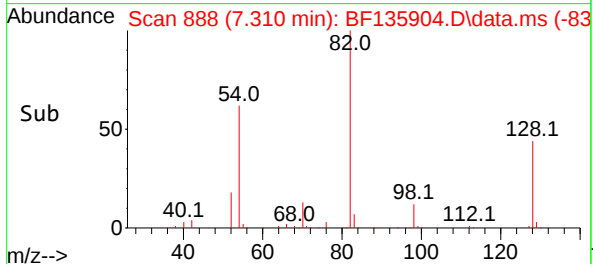
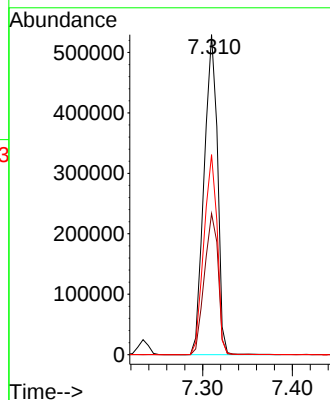
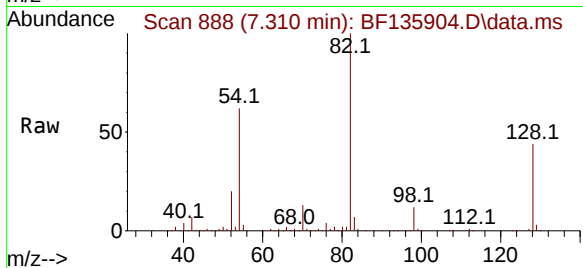
Tgt Ion: 82 Resp: 549130

Ion Ratio Lower Upper

82 100

128 44.1 37.0 55.6

54 62.5 52.8 79.2



#24

Nitrobenzene

Concen: 41.312 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

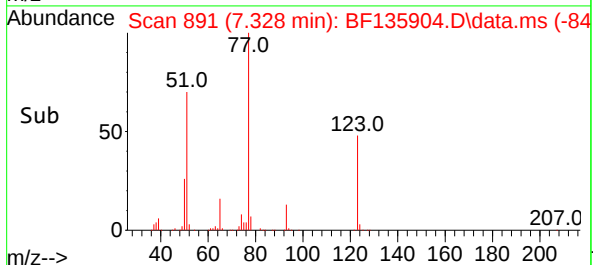
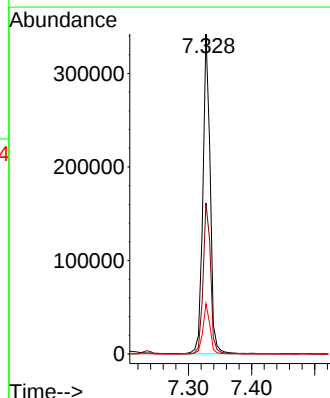
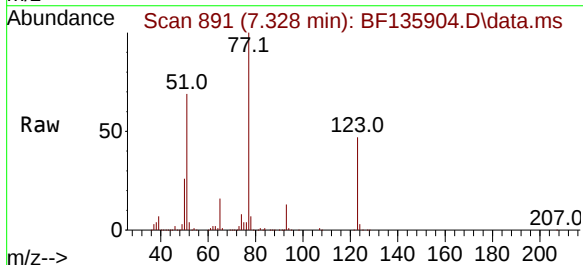
Tgt Ion: 77 Resp: 273460

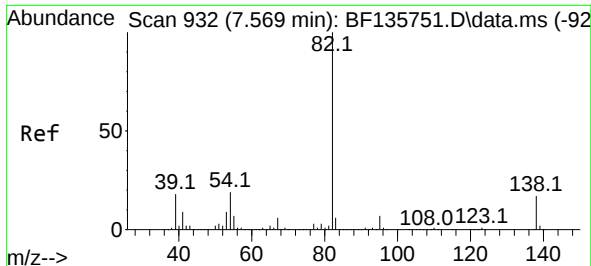
Ion Ratio Lower Upper

77 100

123 47.2 37.3 55.9

65 15.7 12.6 18.8

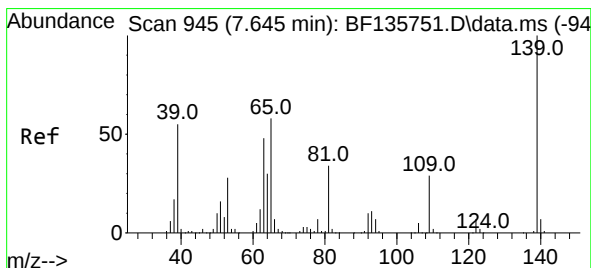
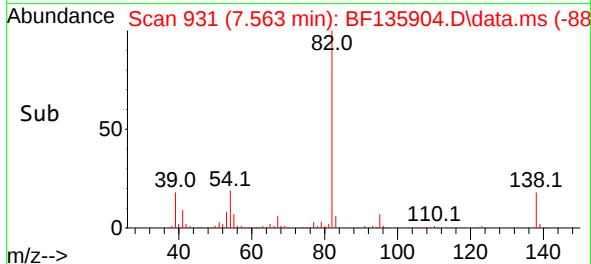
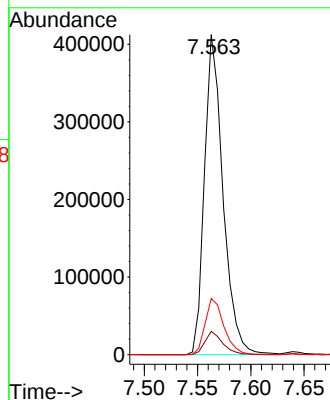
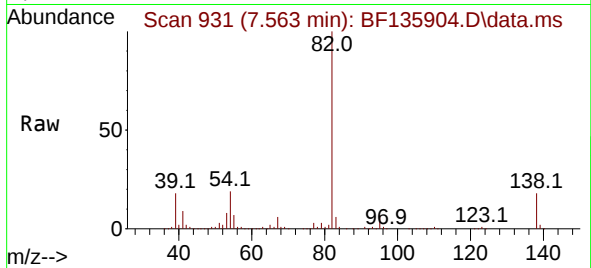




#25
Isophorone
Concen: 40.259 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

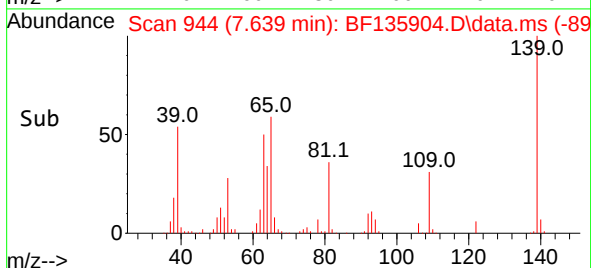
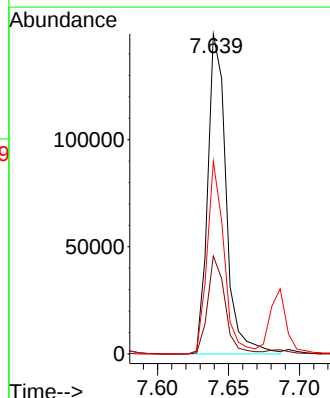
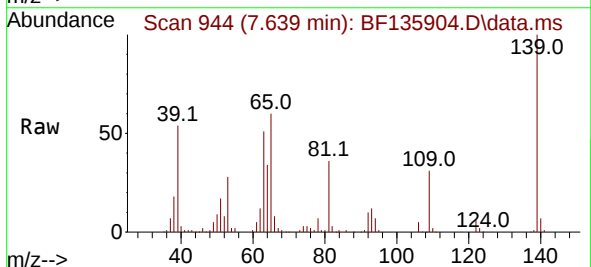
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

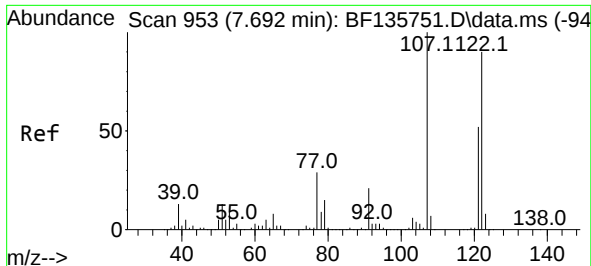
Tgt Ion: 82 Resp: 500938
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.6 13.9 20.9



#26
2-Nitrophenol
Concen: 41.673 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:139 Resp: 134619
Ion Ratio Lower Upper
139 100
109 30.6 23.0 34.4
65 60.2 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 41.454 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

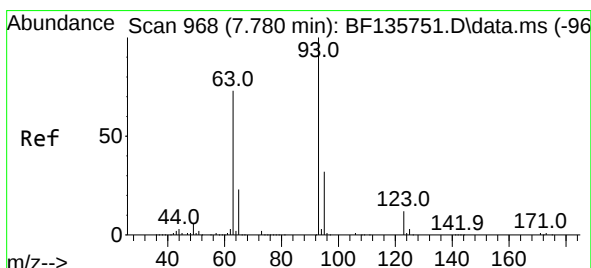
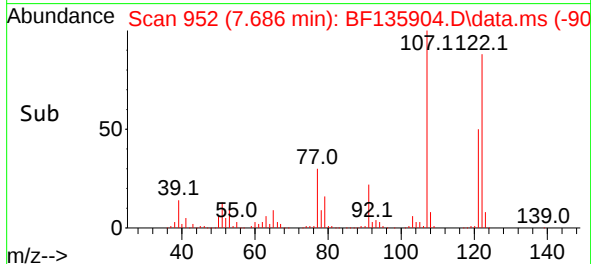
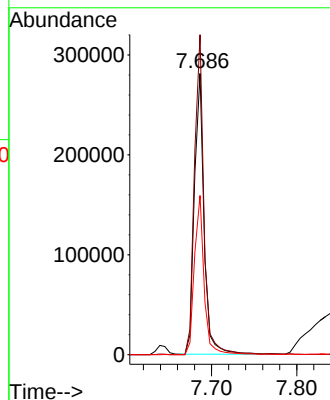
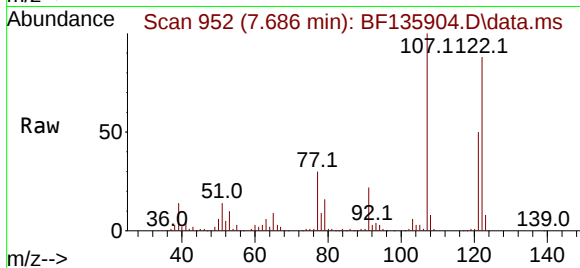
Tgt Ion:122 Resp: 220448

Ion Ratio Lower Upper

122 100

107 113.8 88.2 132.4

121 56.6 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.745 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

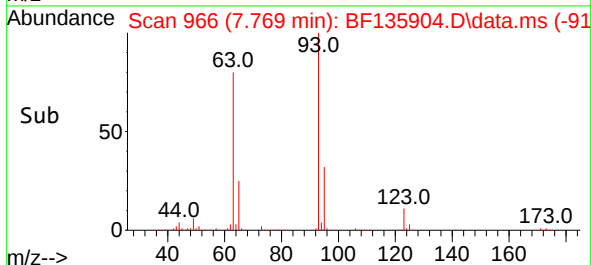
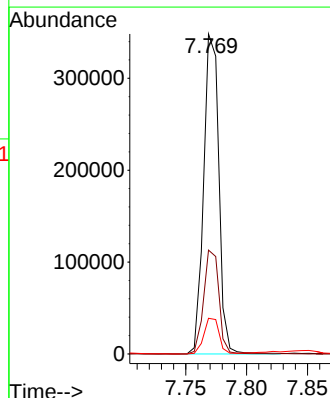
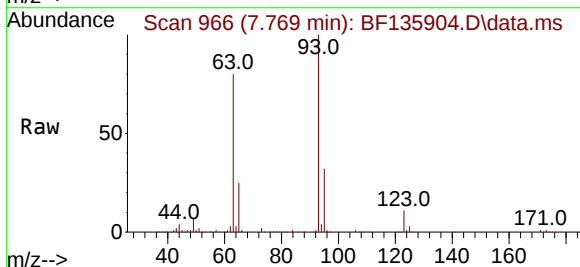
Tgt Ion: 93 Resp: 301922

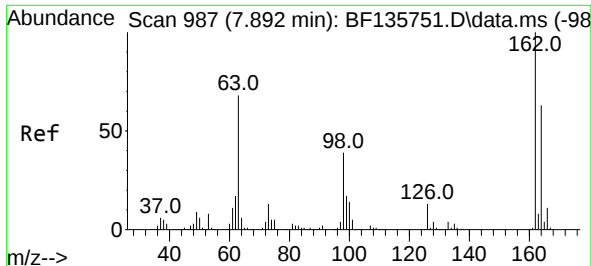
Ion Ratio Lower Upper

93 100

95 32.5 25.7 38.5

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.039 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

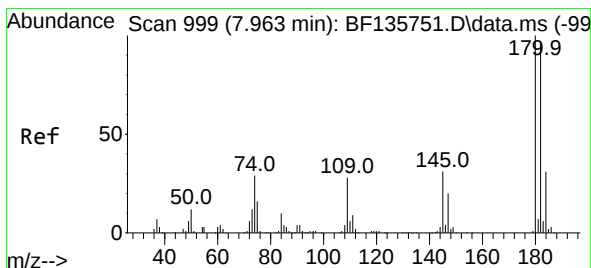
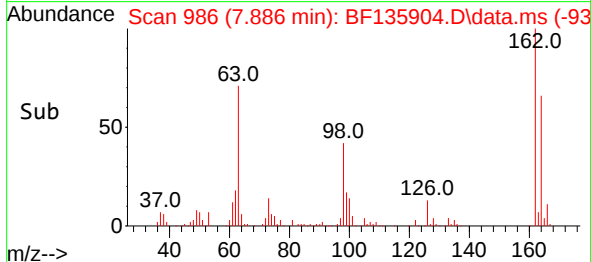
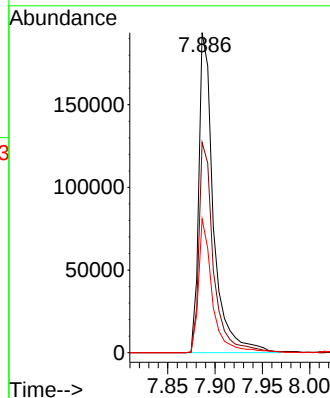
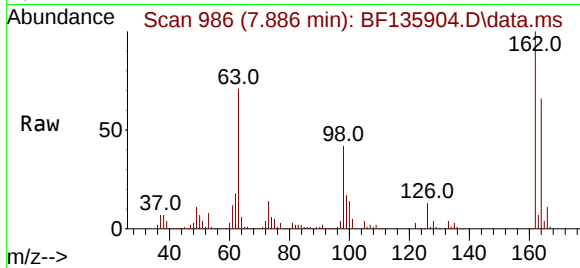
Tgt Ion:162 Resp: 209504

Ion Ratio Lower Upper

162 100

164 65.7 43.4 83.4

98 41.8 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 42.227 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

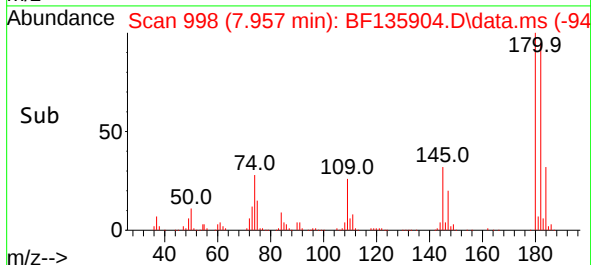
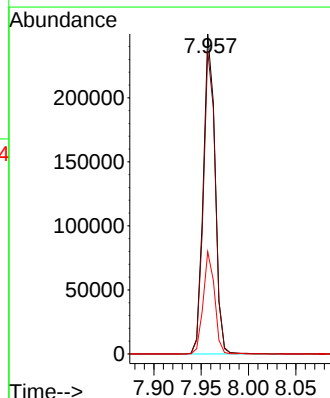
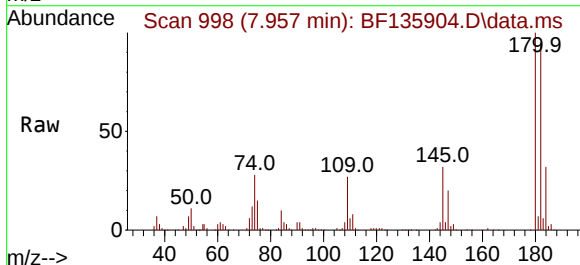
Tgt Ion:180 Resp: 215238

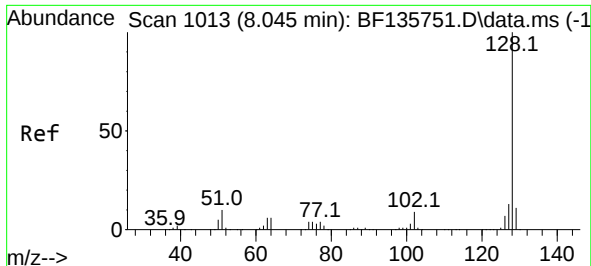
Ion Ratio Lower Upper

180 100

182 94.7 76.4 114.6

145 31.9 25.0 37.6





#31

Naphthalene

Concen: 41.076 ng

RT: 8.039 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

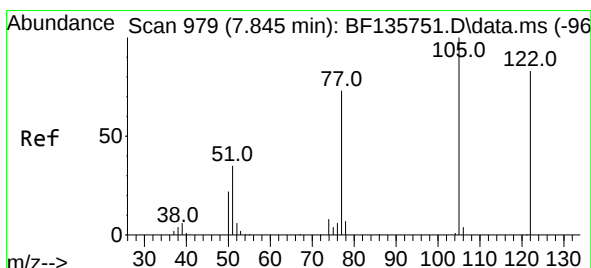
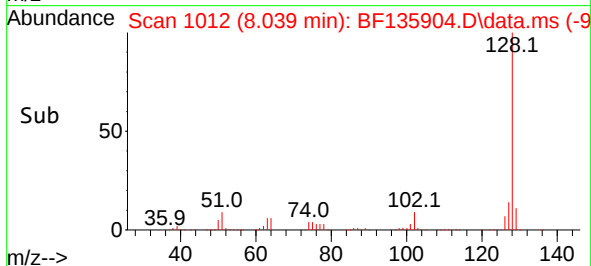
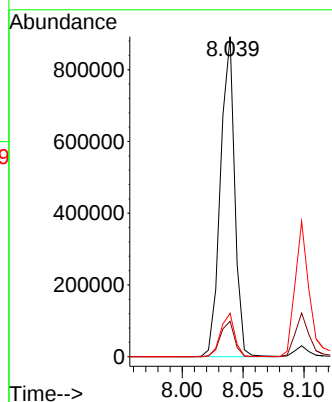
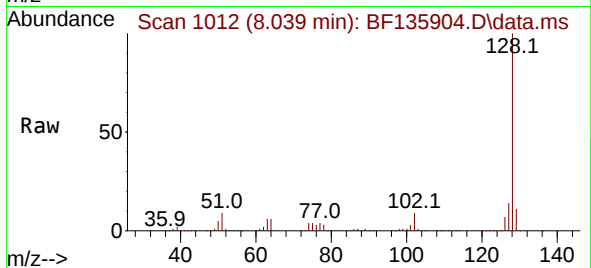
Tgt Ion:128 Resp: 726768

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.5 10.2 15.4



#32

Benzoic acid

Concen: 36.925 ng

RT: 7.851 min Scan# 980

Delta R.T. -0.000 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

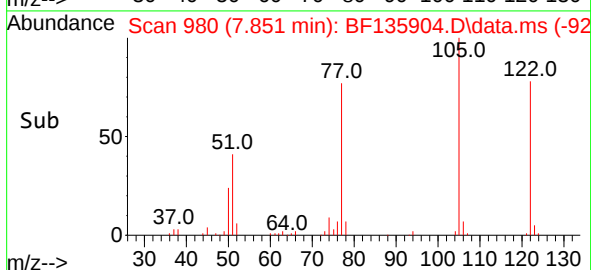
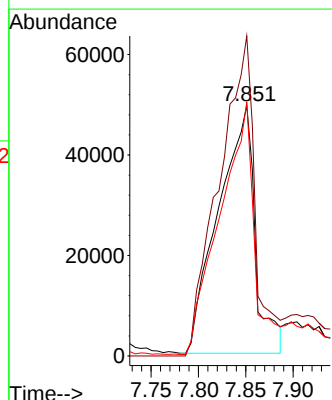
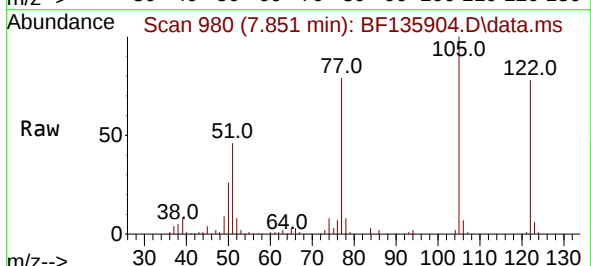
Tgt Ion:122 Resp: 132918

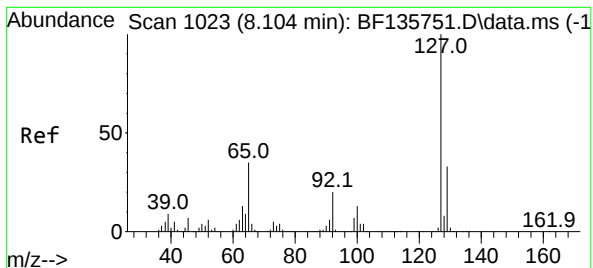
Ion Ratio Lower Upper

122 100

105 127.8 98.7 138.7

77 101.4 67.8 107.8

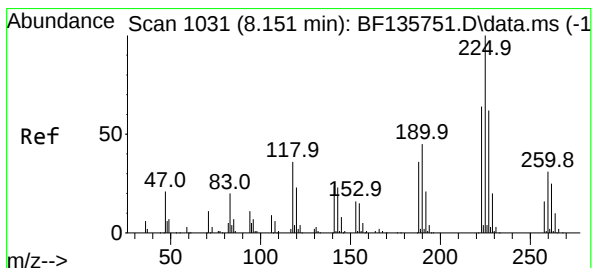
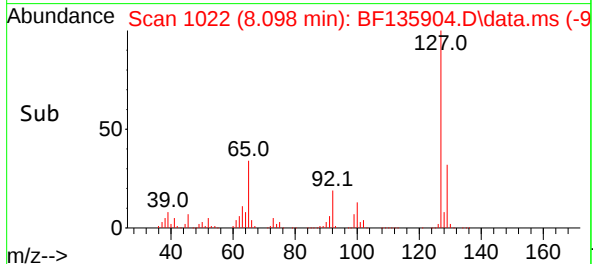
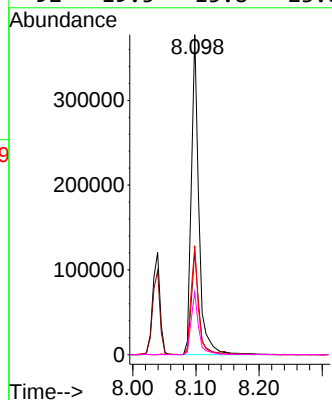
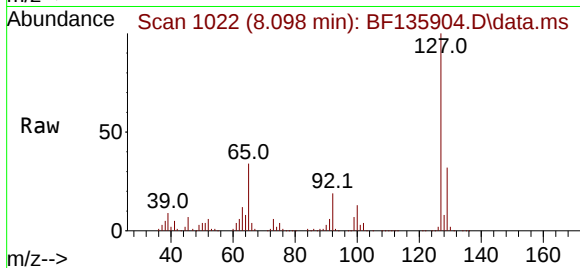




#33
4-Chloroaniline
Concen: 40.989 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

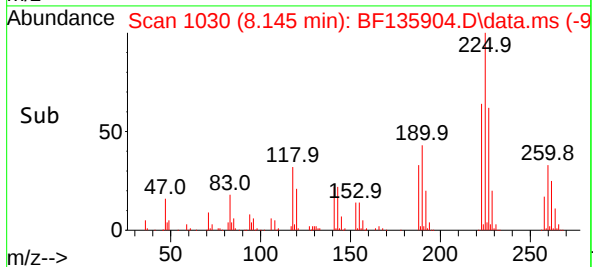
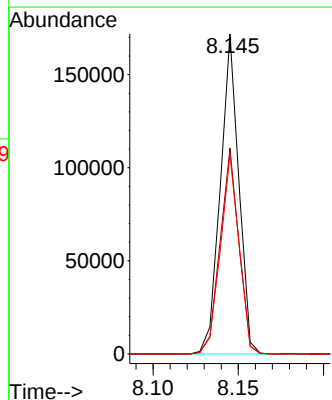
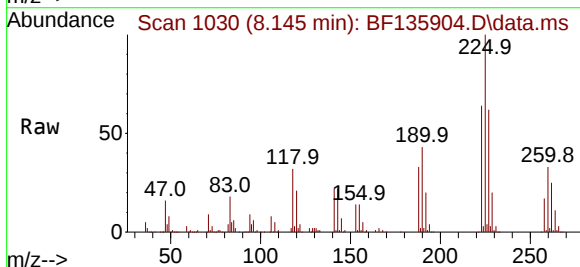
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

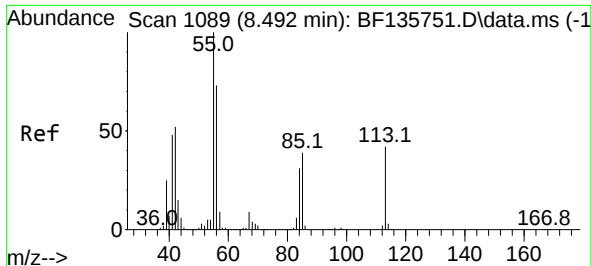
Tgt Ion:	127	Resp:	316798
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	34.1	27.9	41.9
92	19.5	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.745 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:	225	Resp:	128963
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.1	76.7
227	62.3	49.7	74.5

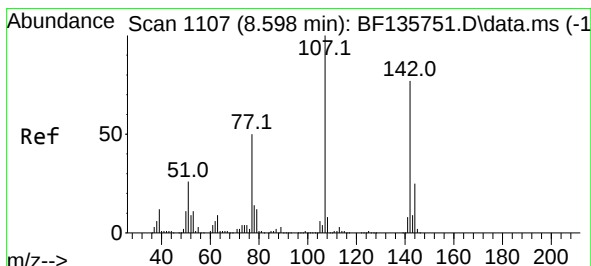
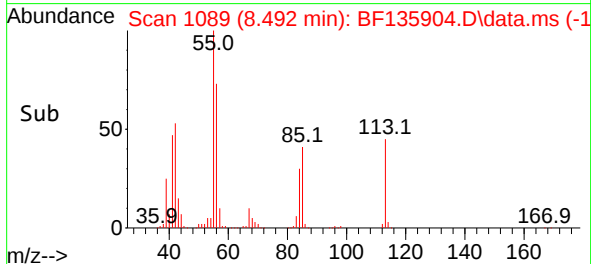
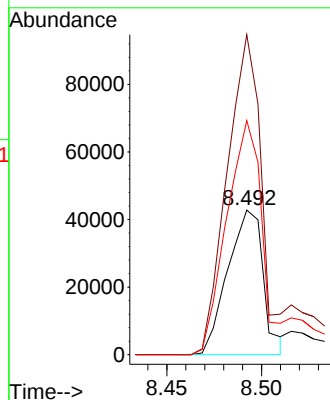
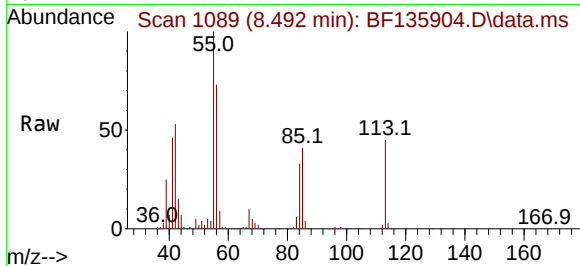




#35
 Caprolactam
 Concen: 32.695 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56

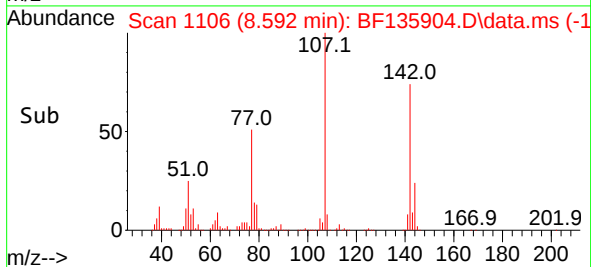
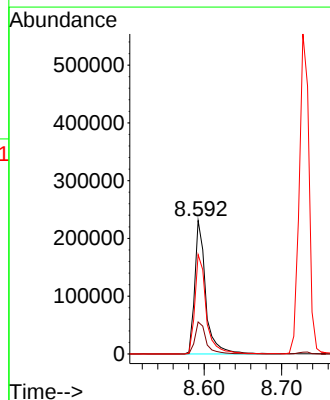
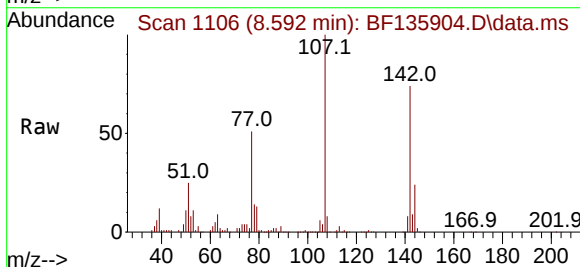
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

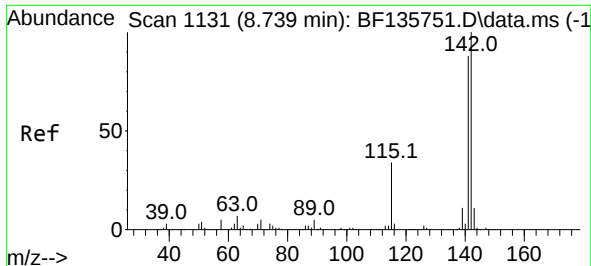
Tgt Ion:113 Resp: 55702
 Ion Ratio Lower Upper
 113 100
 55 221.3 217.4 257.4
 56 161.9 153.1 193.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.374 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56

Tgt Ion:107 Resp: 228660
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.8 29.8
 142 74.4 61.3 91.9





#37

2-Methylnaphthalene

Concen: 41.540 ng

RT: 8.727 min Scan# 1129

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

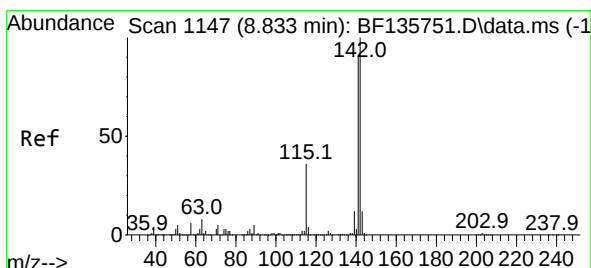
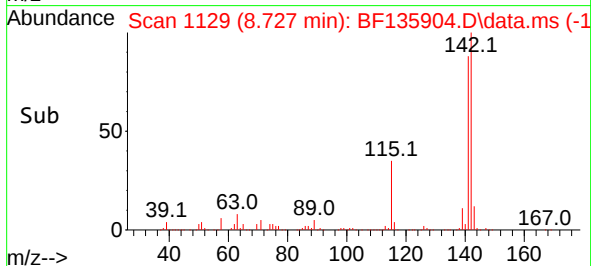
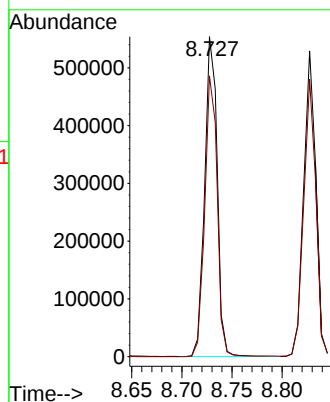
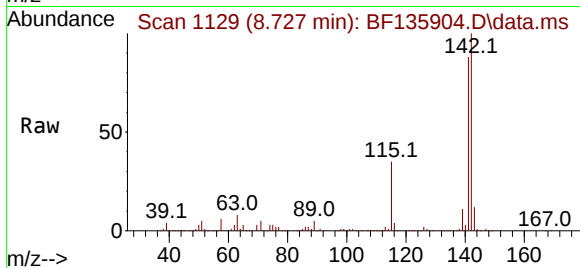
SSTDCCC040

Tgt Ion:142 Resp: 484240

Ion Ratio Lower Upper

142 100

141 87.8 70.6 105.8



#38

1-Methylnaphthalene

Concen: 41.433 ng

RT: 8.827 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF135904.D

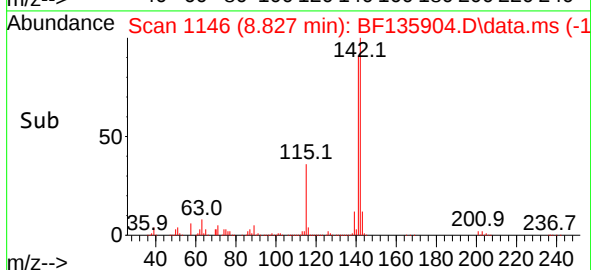
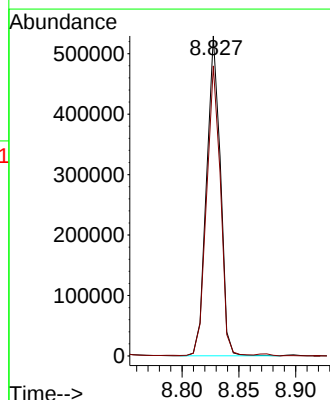
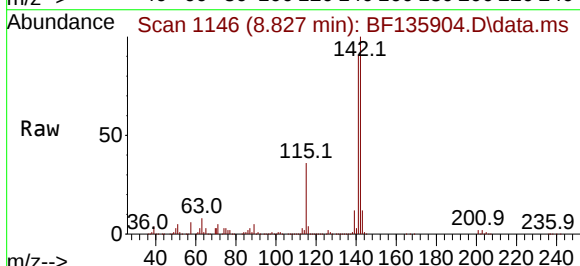
Acq: 20 Oct 2023 12:56

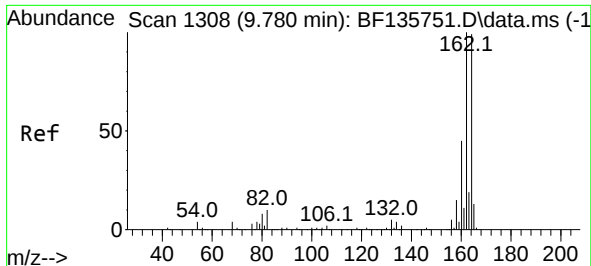
Tgt Ion:142 Resp: 445475

Ion Ratio Lower Upper

142 100

141 90.7 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

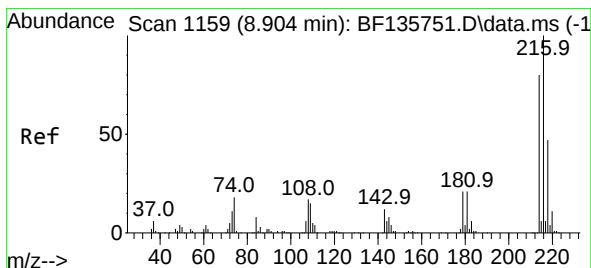
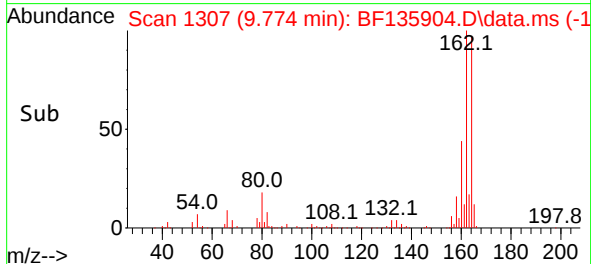
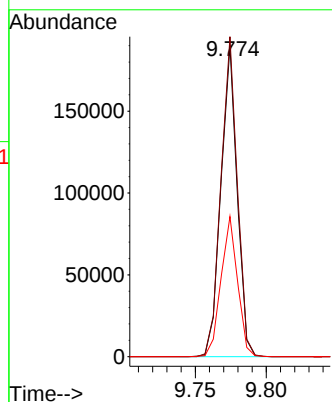
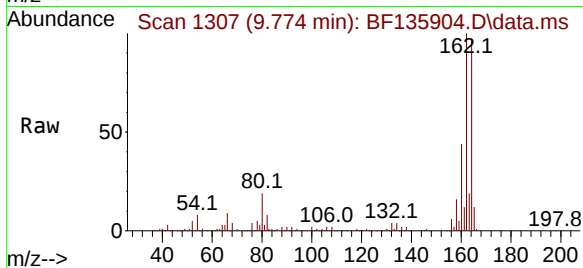
Tgt Ion:164 Resp: 150392

Ion Ratio Lower Upper

164 100

162 102.9 80.8 121.2

160 45.1 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.452 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Tgt Ion:216 Resp: 222588

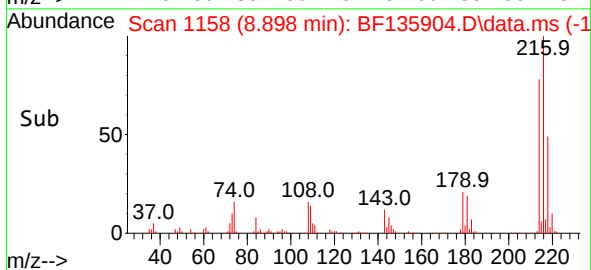
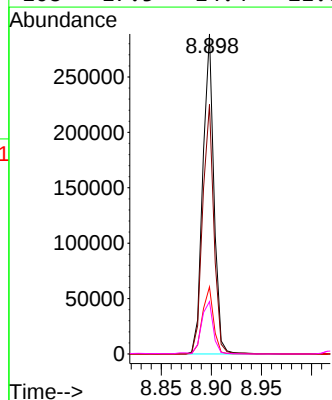
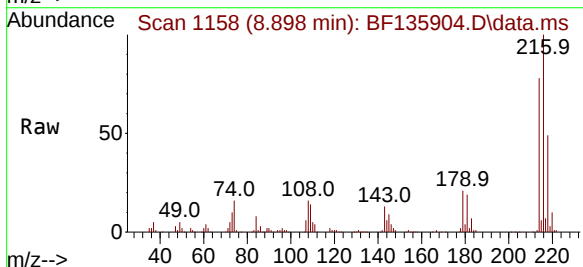
Ion Ratio Lower Upper

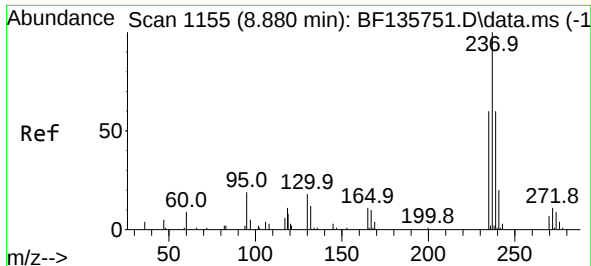
216 100

214 78.9 64.0 96.0

179 20.9 16.9 25.3

108 17.5 14.4 21.6

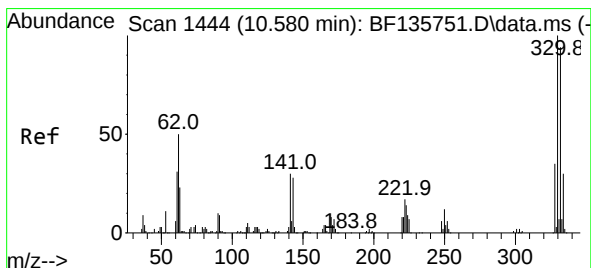
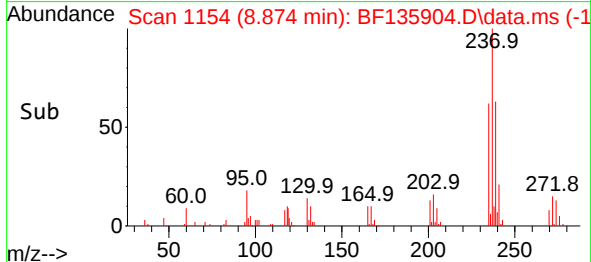
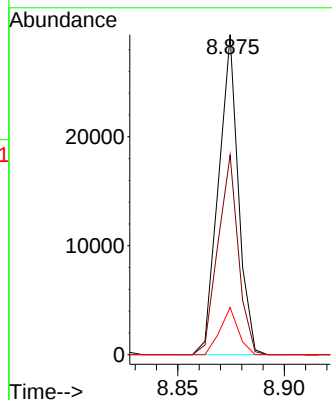
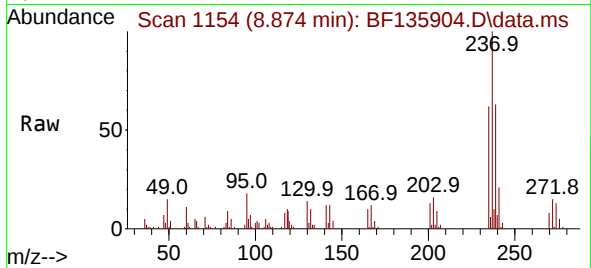




#41
Hexachlorocyclopentadiene
Concen: 40.024 ng
RT: 8.874 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

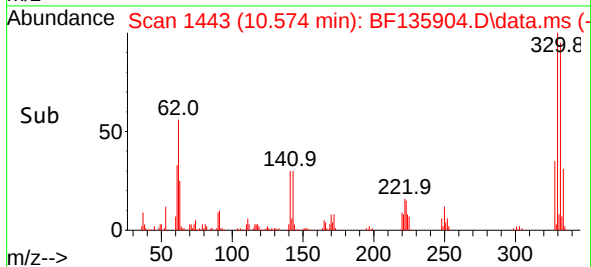
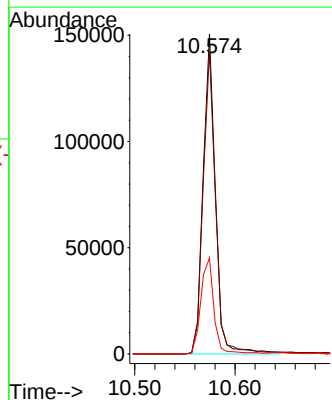
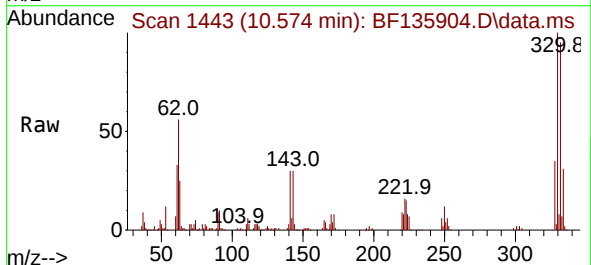
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

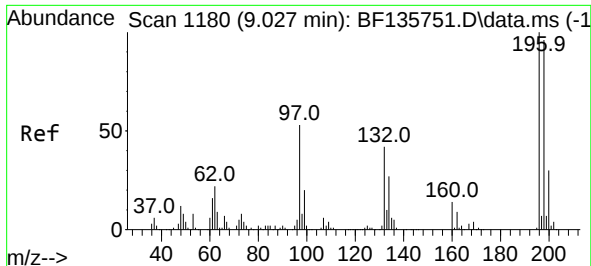
Tgt Ion:237 Resp: 19025
Ion Ratio Lower Upper
237 100
235 62.4 40.0 80.0
272 14.8 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 89.444 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:330 Resp: 129080
Ion Ratio Lower Upper
330 100
332 96.1 75.0 112.4
141 32.0 25.8 38.6

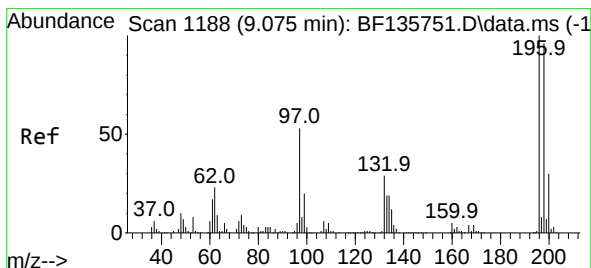
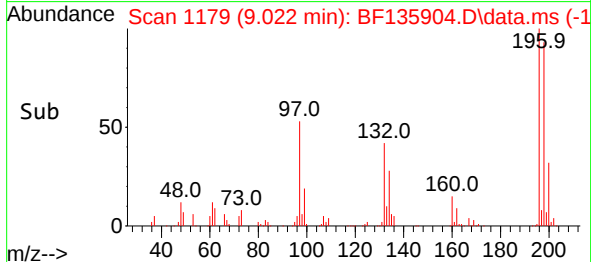
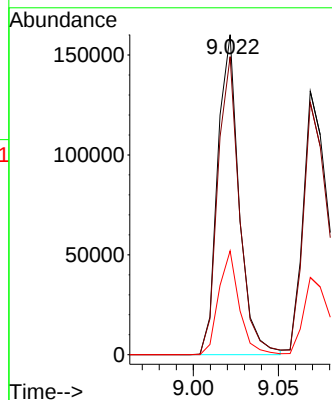
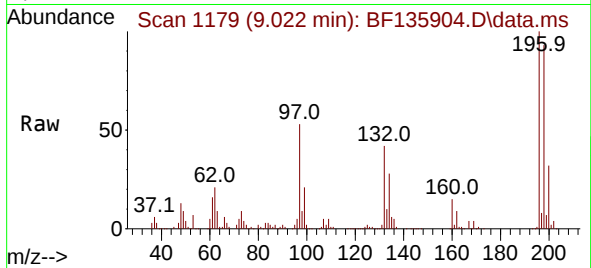




#43
2,4,6-Trichlorophenol
Concen: 50.347 ng
RT: 9.022 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

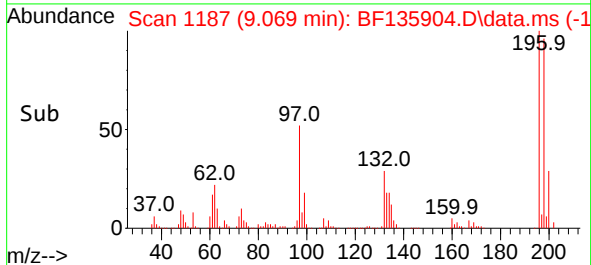
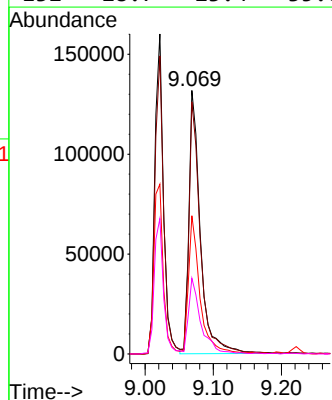
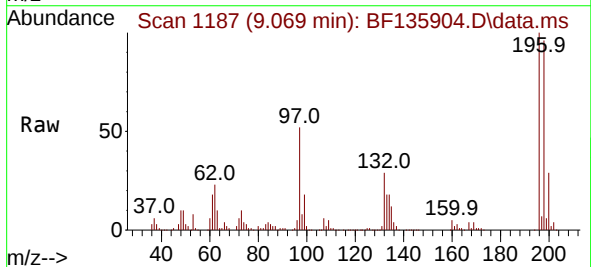
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

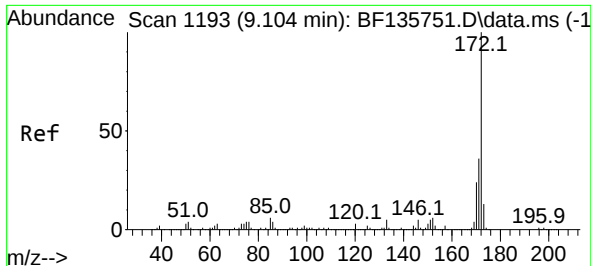
Tgt Ion:196 Resp: 140355
Ion Ratio Lower Upper
196 100
198 93.2 76.7 115.1
200 32.5 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 47.235 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:196 Resp: 153156
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.6
97 52.4 42.2 63.2
132 28.7 23.4 35.0

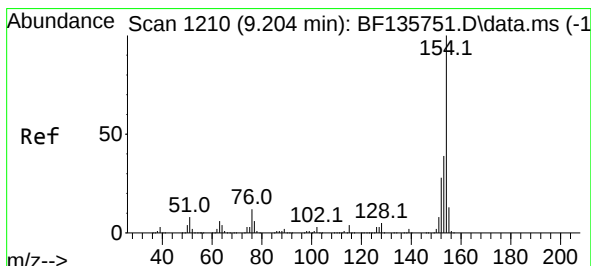
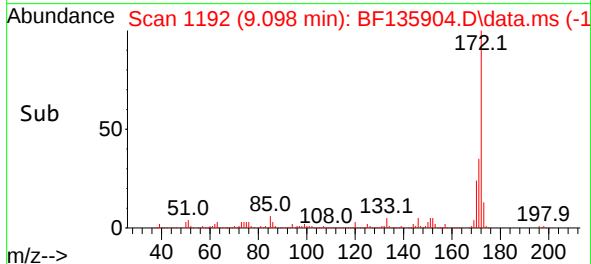
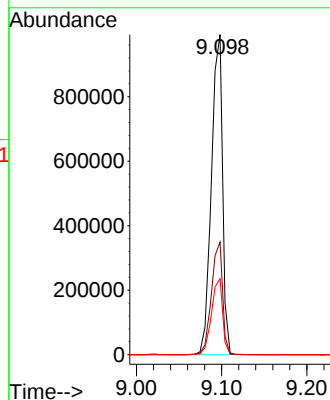
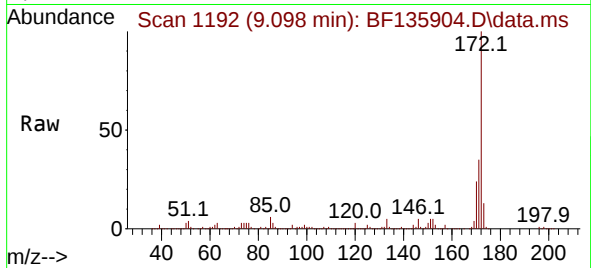




#45
2-Fluorobiphenyl
Concen: 93.595 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

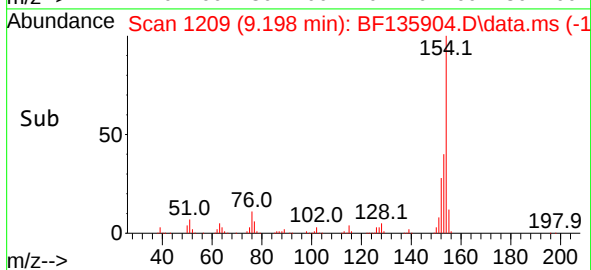
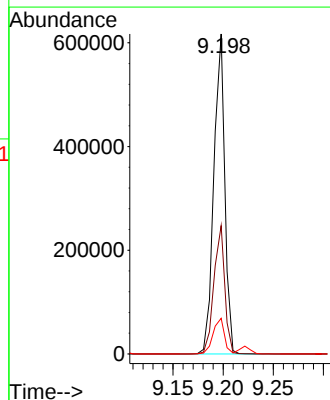
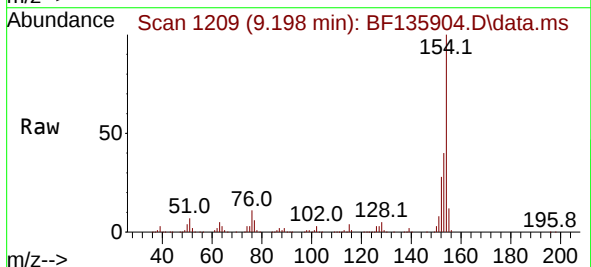
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

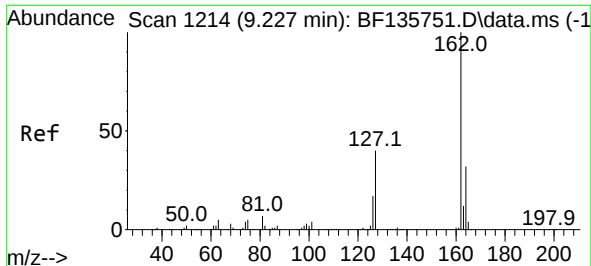
Tgt Ion:172 Resp: 900282
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 40.740 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:154 Resp: 469339
Ion Ratio Lower Upper
154 100
153 40.1 19.4 59.4
76 11.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.069 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

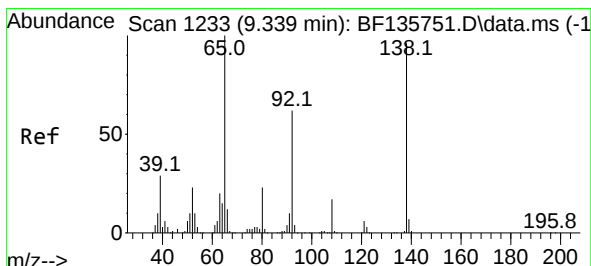
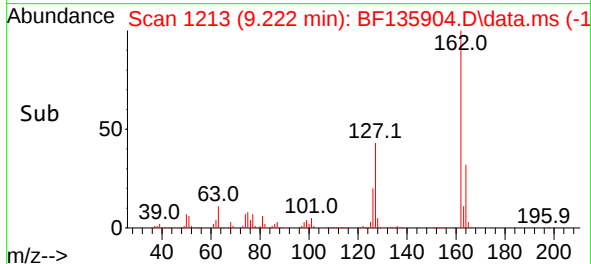
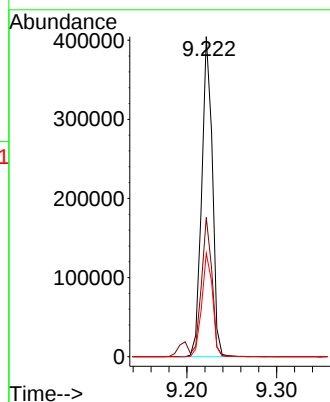
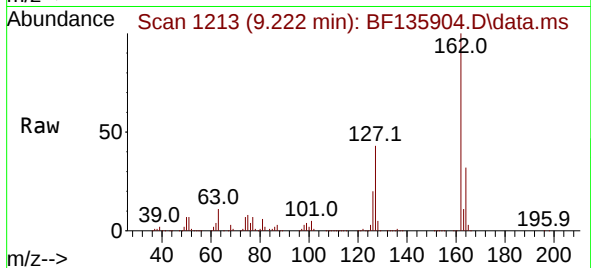
Tgt Ion:162 Resp: 332675

Ion Ratio Lower Upper

162 100

127 43.5 34.7 52.1

164 32.3 25.6 38.4



#48

2-Nitroaniline

Concen: 40.351 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

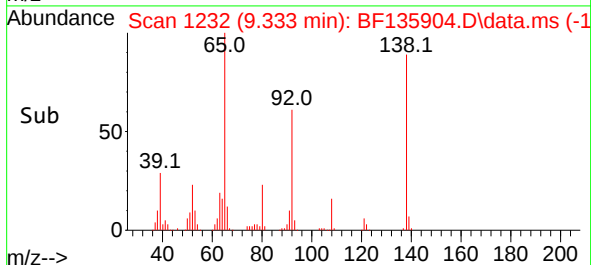
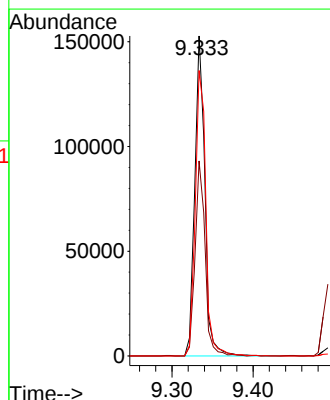
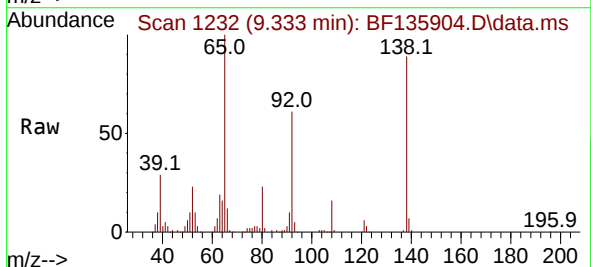
Tgt Ion: 65 Resp: 132239

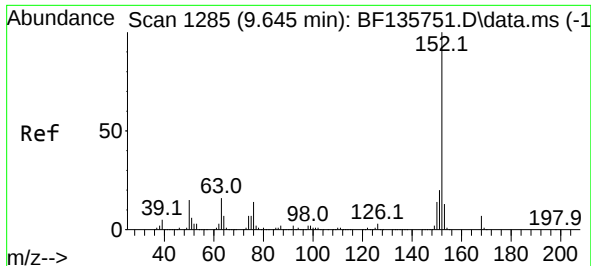
Ion Ratio Lower Upper

65 100

92 61.0 49.4 74.0

138 89.2 76.6 114.8

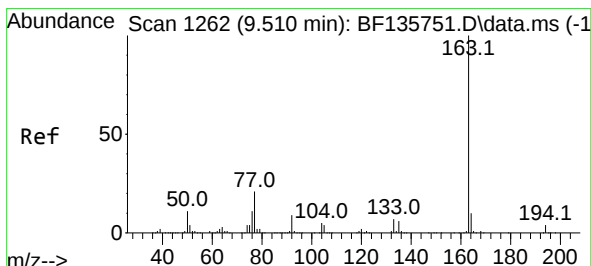
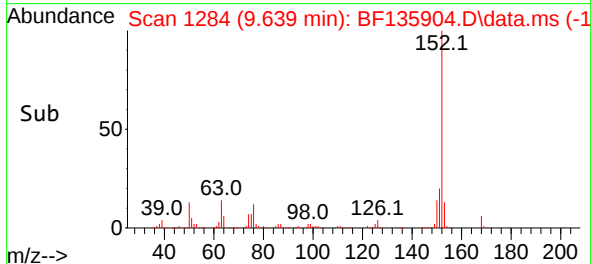
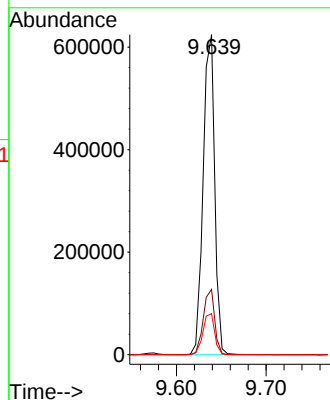
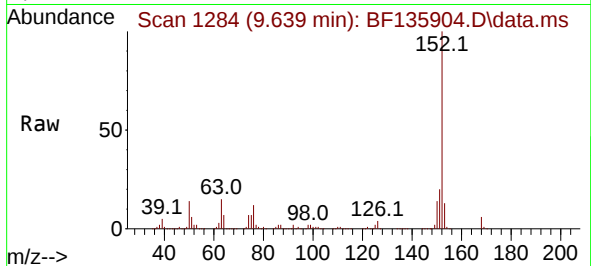




#49
Acenaphthylene
Concen: 40.598 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

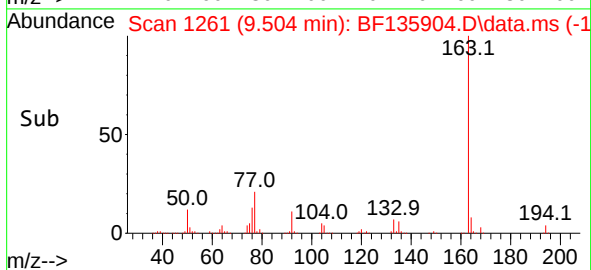
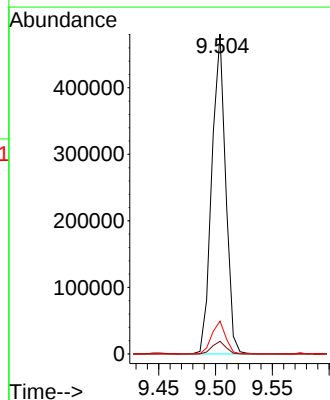
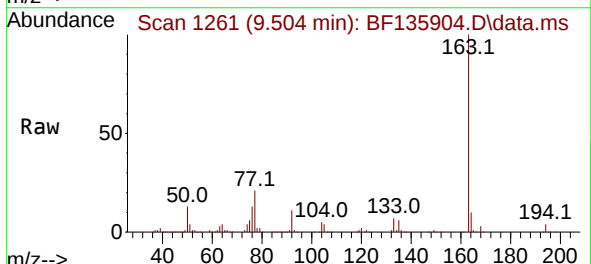
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

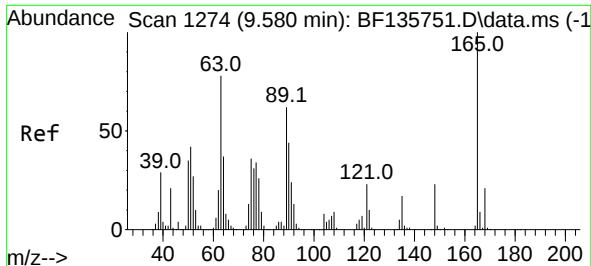
Tgt Ion:152 Resp: 557816
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 12.8 10.2 15.4



#50
Dimethylphthalate
Concen: 39.988 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:163 Resp: 405981
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 40.689 ng

RT: 9.580 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

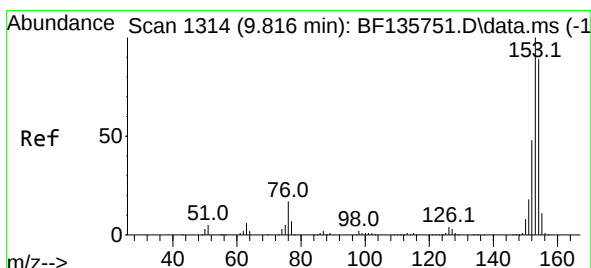
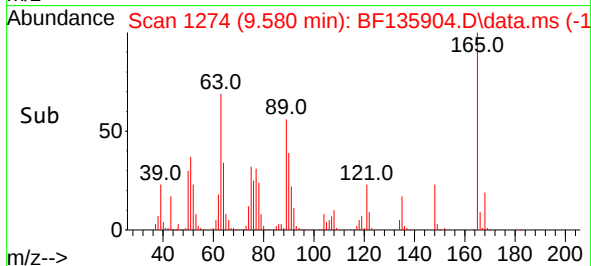
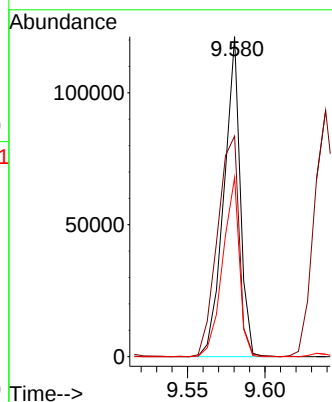
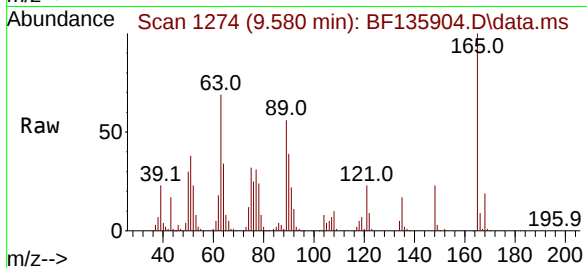
Tgt Ion:165 Resp: 88834

Ion Ratio Lower Upper

165 100

63 68.9 62.2 93.4

89 56.0 49.6 74.4



#52

Acenaphthene

Concen: 43.867 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

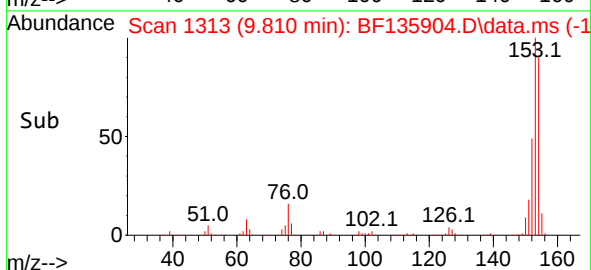
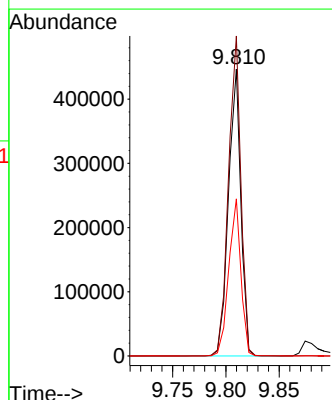
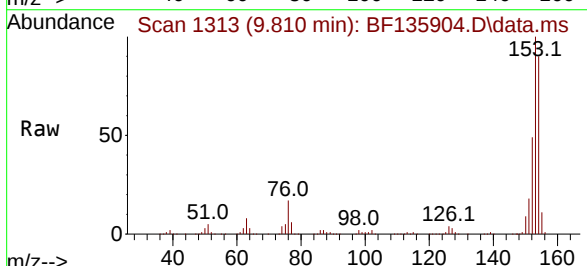
Tgt Ion:154 Resp: 361264

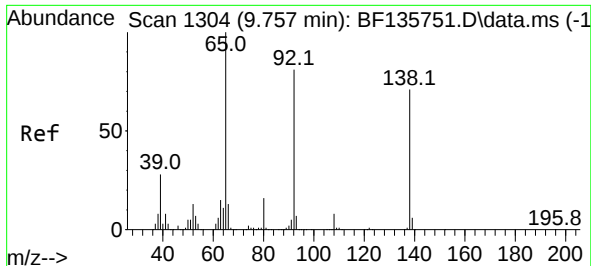
Ion Ratio Lower Upper

154 100

153 111.5 90.1 135.1

152 54.8 43.1 64.7

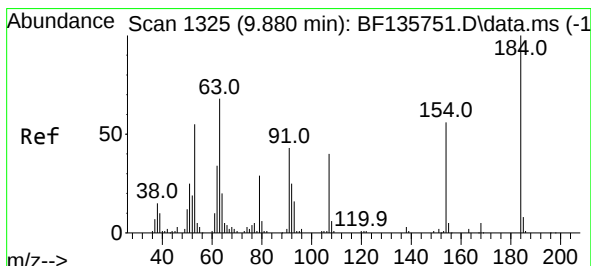
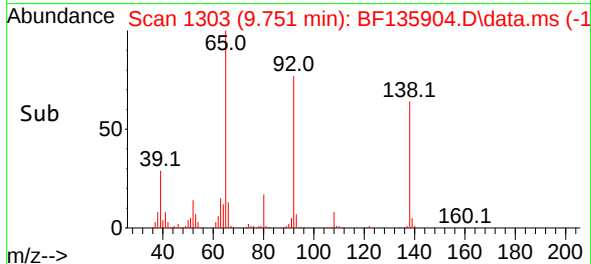
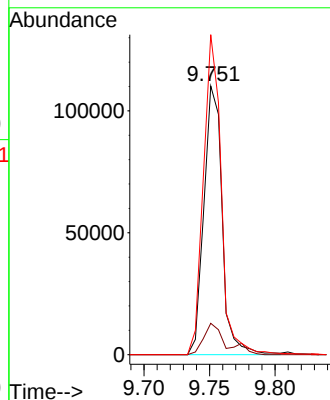
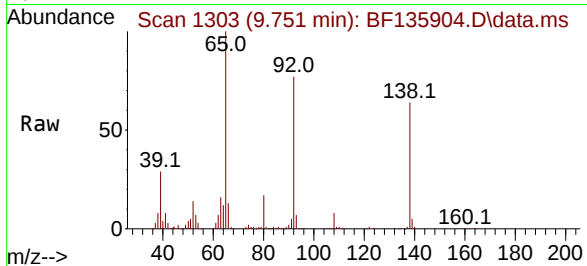




#53
3-Nitroaniline
Concen: 39.941 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

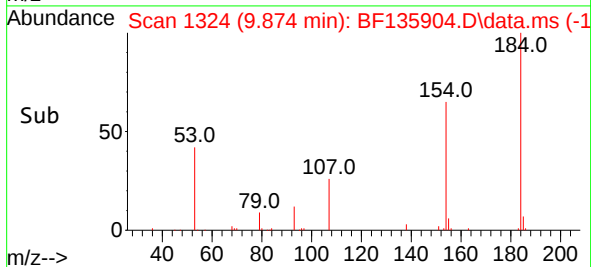
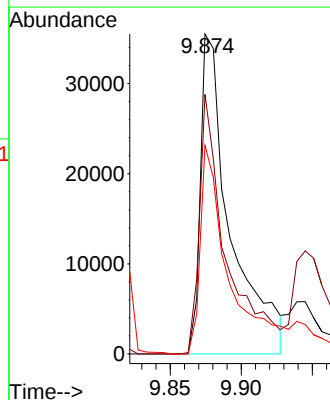
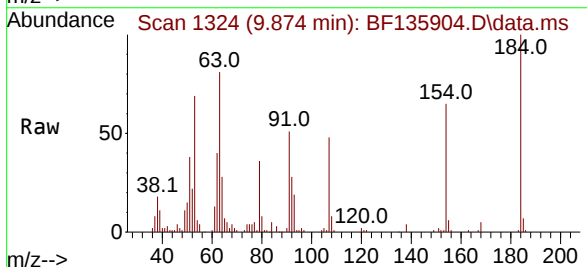
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

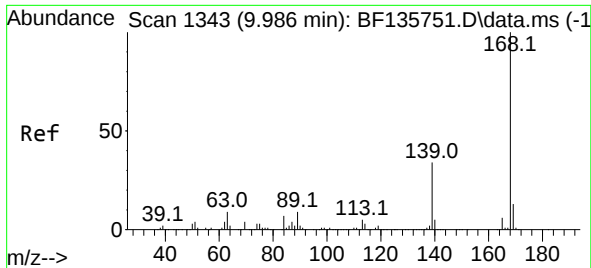
Tgt Ion:138 Resp: 106897
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 119.1 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 57.106 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:184 Resp: 52043
Ion Ratio Lower Upper
184 100
63 81.1 54.6 81.8
154 65.2 45.0 67.4

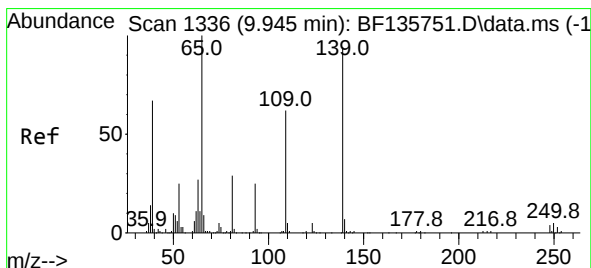
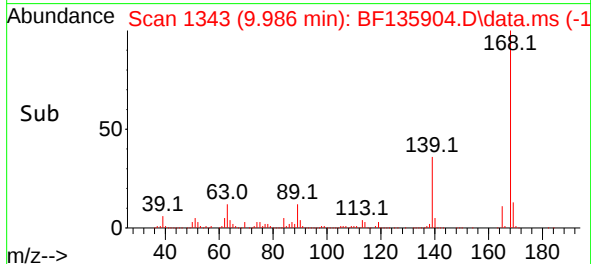
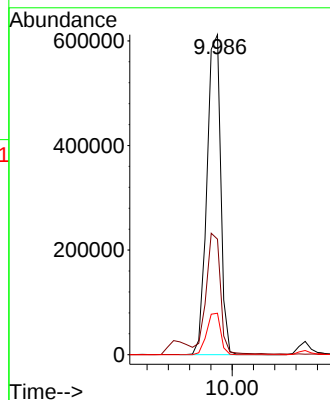
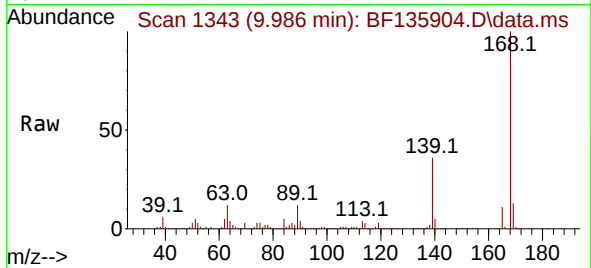




#55
Dibenzofuran
Concen: 44.319 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

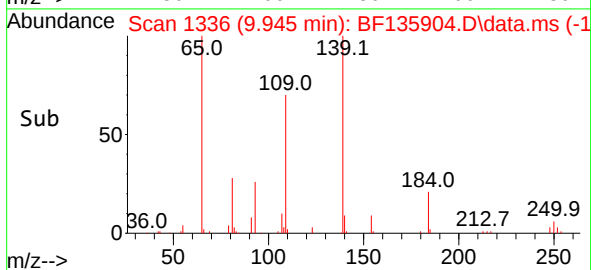
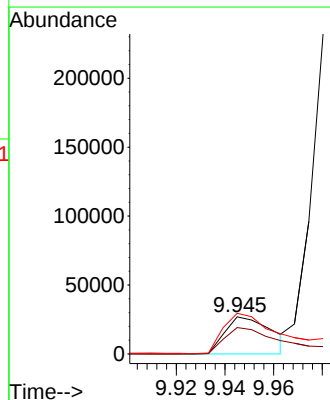
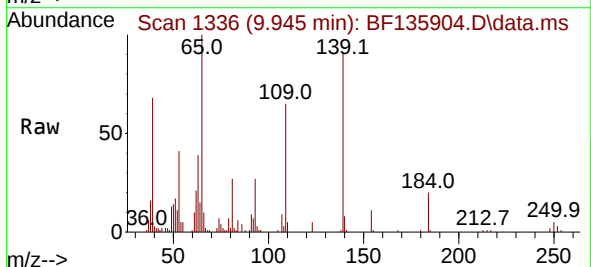
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

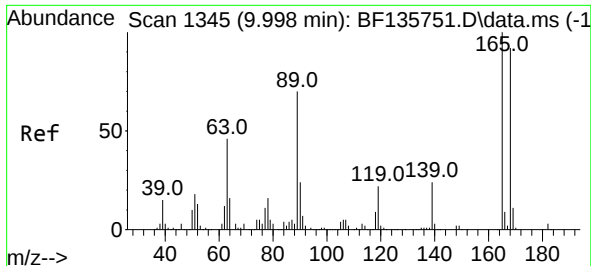
Tgt Ion:168 Resp: 550710
Ion Ratio Lower Upper
168 100
139 36.1 31.0 46.4
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 32.207 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:139 Resp: 35174
Ion Ratio Lower Upper
139 100
109 71.2 45.6 85.6
65 109.6 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 45.822 ng

RT: 9.992 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 127271

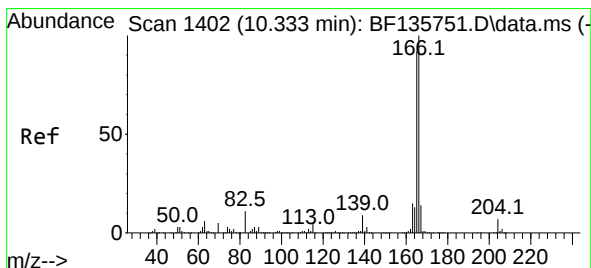
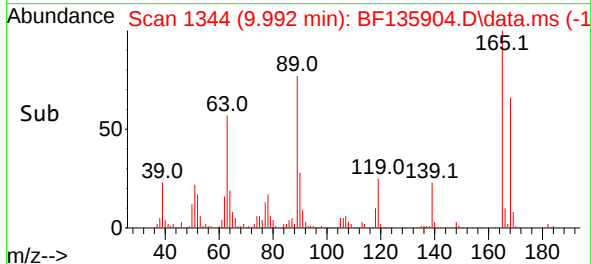
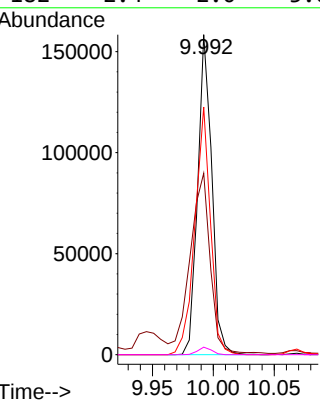
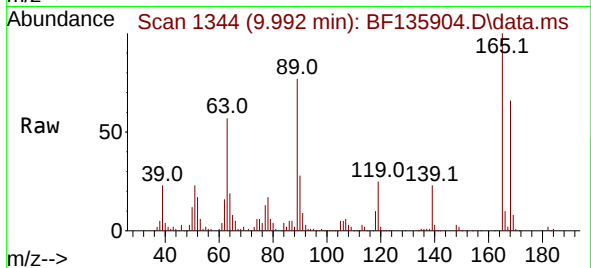
Ion Ratio Lower Upper

165 100

63 56.7 39.0 58.4

89 77.4 55.9 83.9

182 2.4 2.0 3.0



#58

Fluorene

Concen: 41.416 ng

RT: 10.327 min Scan# 1401

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

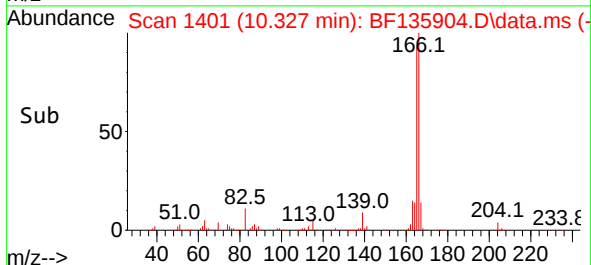
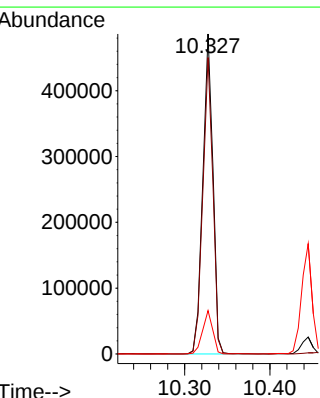
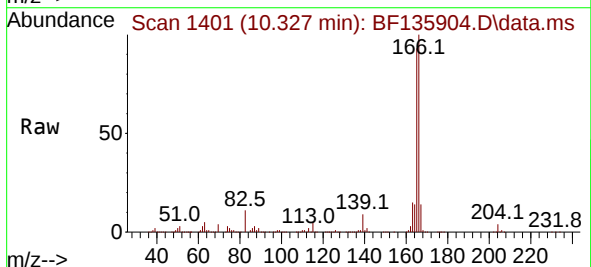
Tgt Ion:166 Resp: 402895

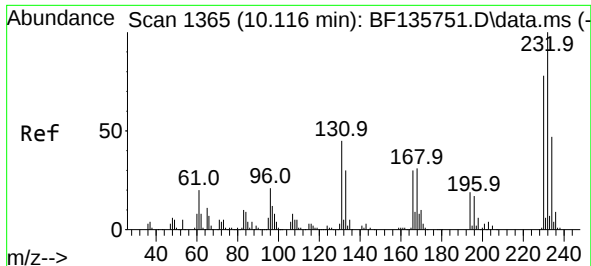
Ion Ratio Lower Upper

166 100

165 92.7 73.4 110.0

167 13.5 11.0 16.6

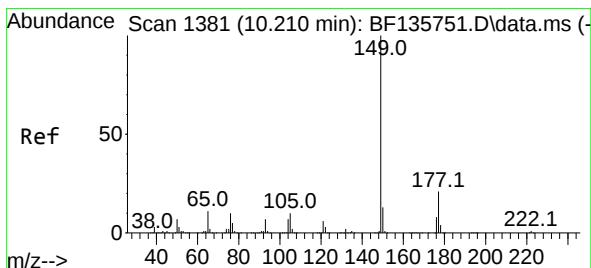
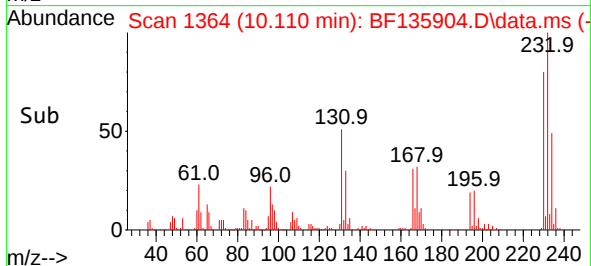
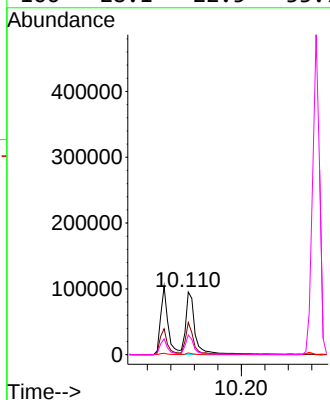
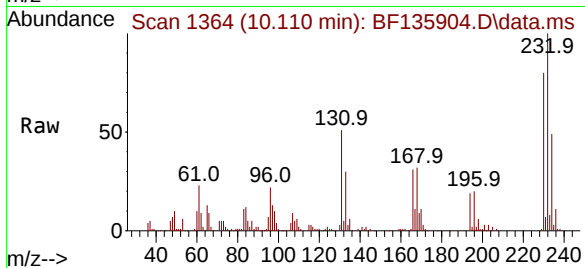




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.401 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

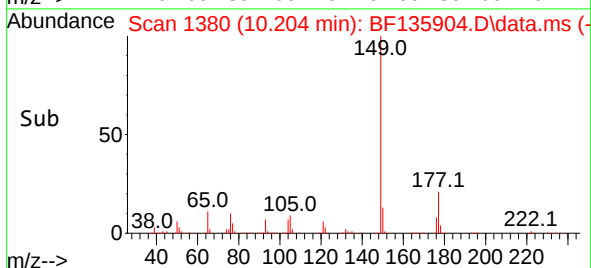
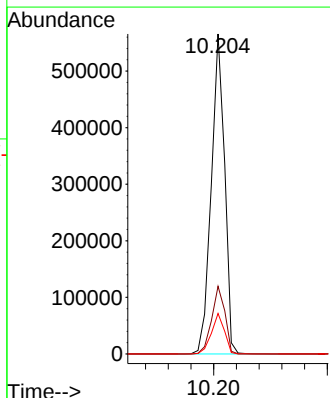
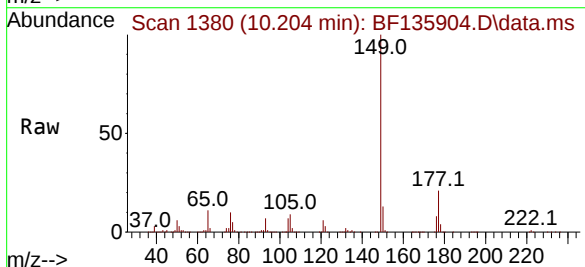
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

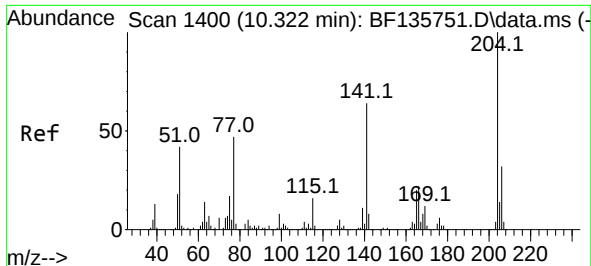
Tgt Ion:232 Resp: 106350
Ion Ratio Lower Upper
232 100
131 44.6 35.8 53.6
130 2.2 1.9 2.9
166 28.1 22.5 33.7



#60
Diethylphthalate
Concen: 44.294 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:149 Resp: 459083
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.6 10.2 15.2

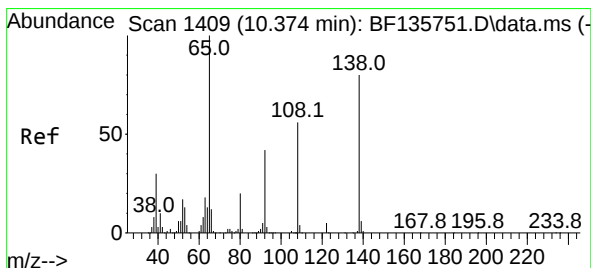
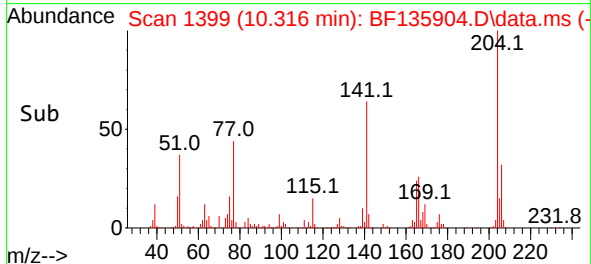
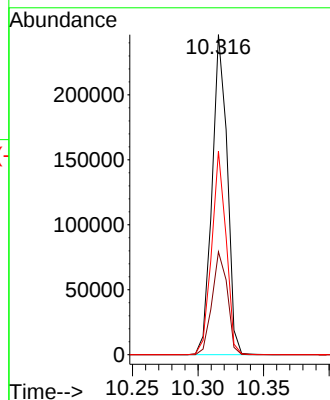
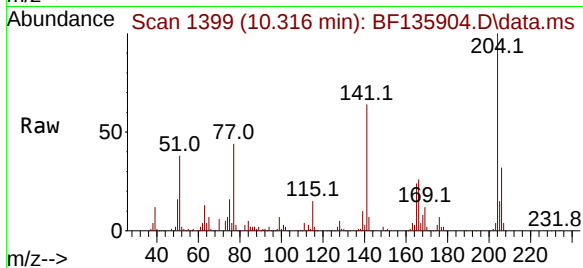




#61
4-Chlorophenyl-phenylether
Concen: 41.975 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

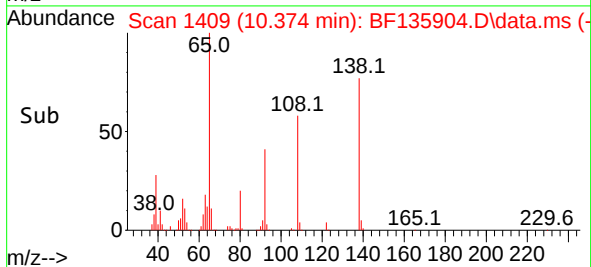
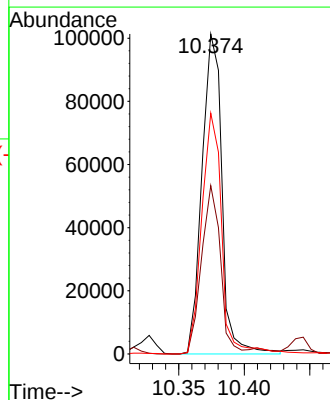
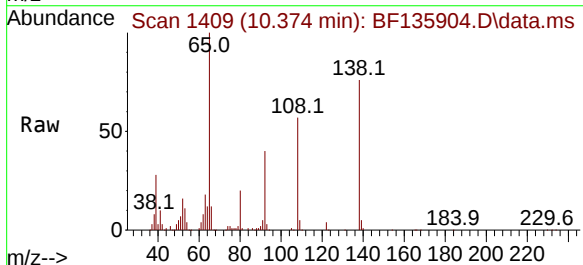
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

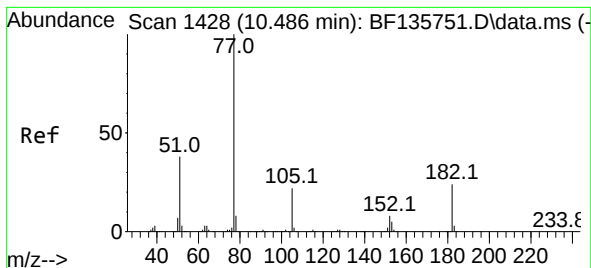
Tgt Ion:204 Resp: 197353
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.6
141 63.6 51.4 77.0



#62
4-Nitroaniline
Concen: 43.619 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:138 Resp: 107409
Ion Ratio Lower Upper
138 100
92 52.6 31.9 71.9
108 75.2 49.7 89.7





#63

Azobenzene

Concen: 44.087 ng

RT: 10.480 min Scan# 1428

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 443946

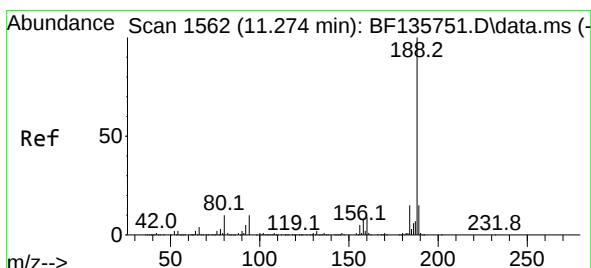
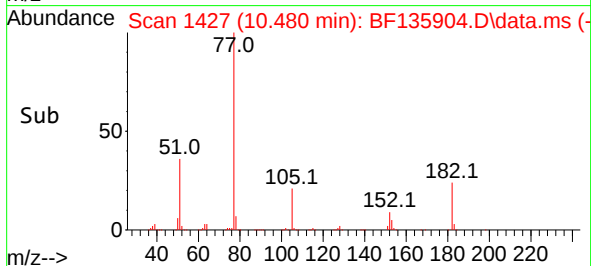
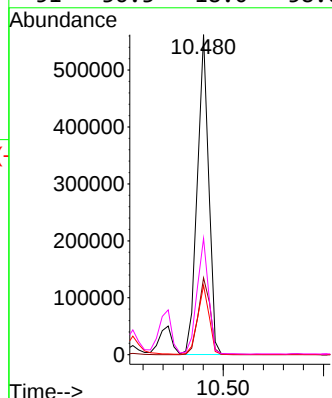
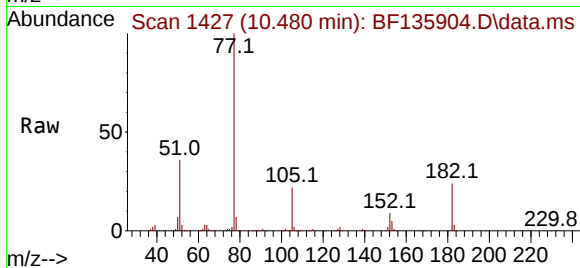
Ion Ratio Lower Upper

77 100

182 24.0 3.5 43.5

105 21.6 2.2 42.2

51 36.3 18.0 58.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.268 min Scan# 1561

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

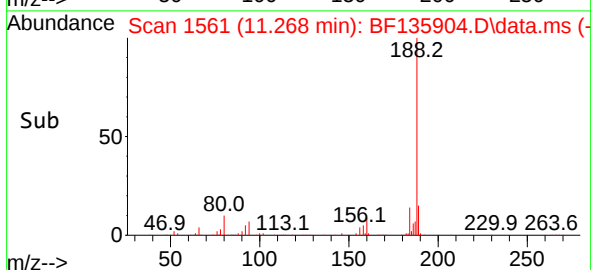
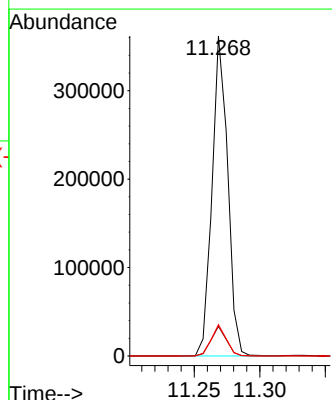
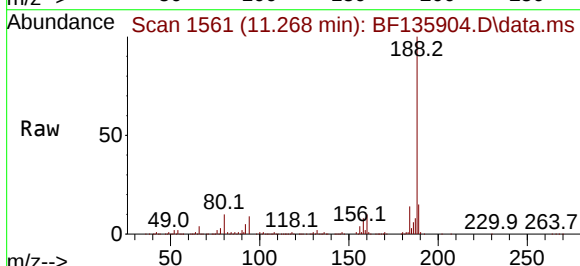
Tgt Ion: 188 Resp: 300698

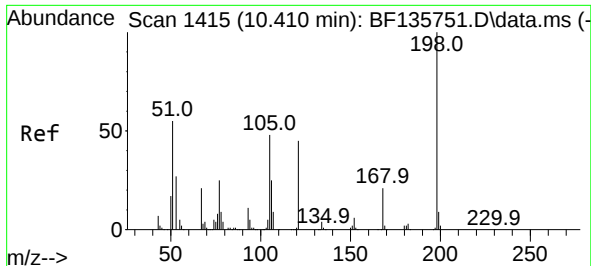
Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 9.8 8.3 12.5

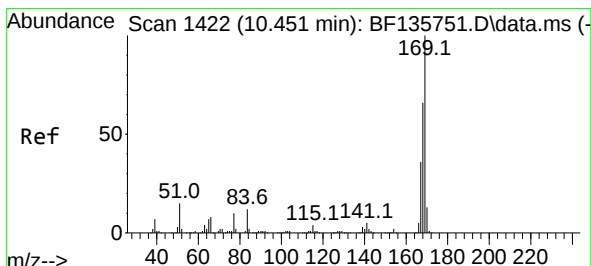
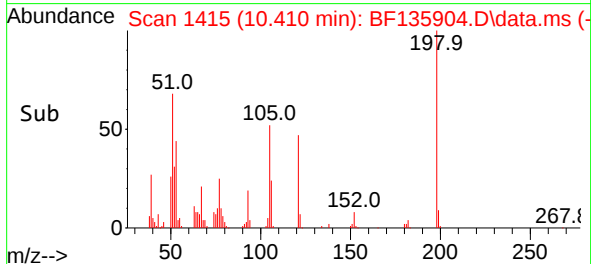
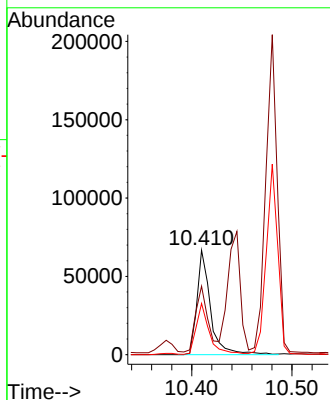
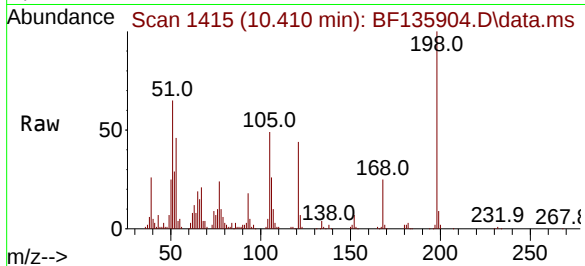




#65
4,6-Dinitro-2-methylphenol
Concen: 41.324 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

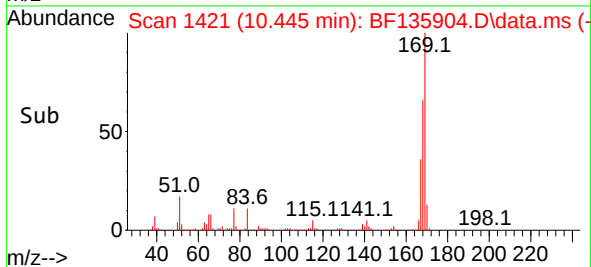
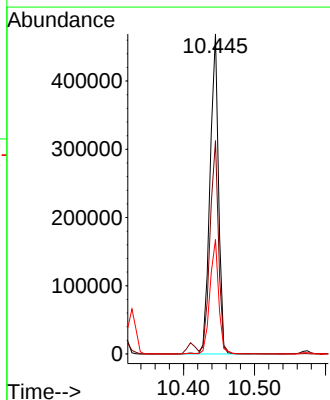
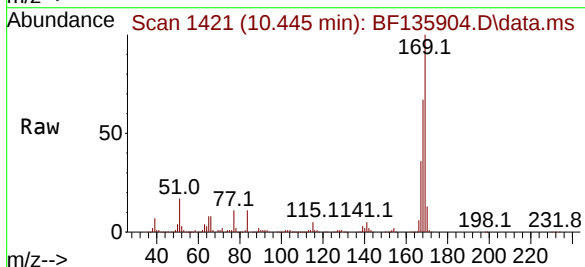
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

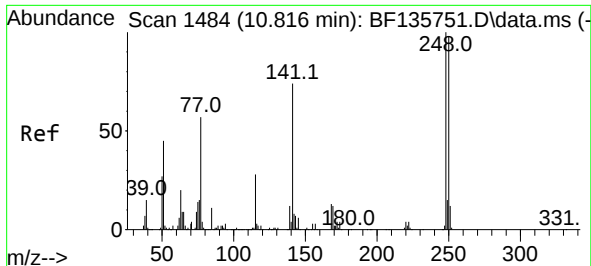
Tgt Ion:198 Resp: 62536
Ion Ratio Lower Upper
198 100
51 65.4 47.6 87.6
105 48.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.845 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:169 Resp: 392679
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 35.7 29.2 43.8

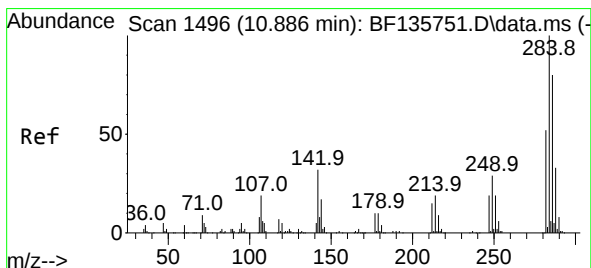
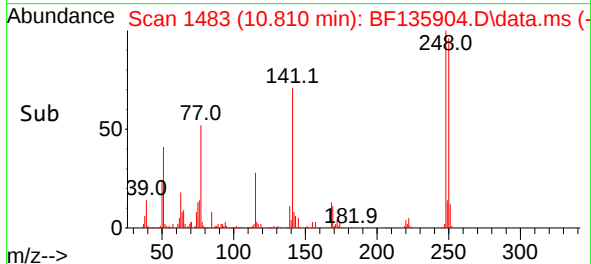
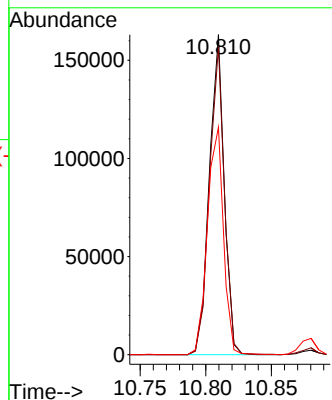
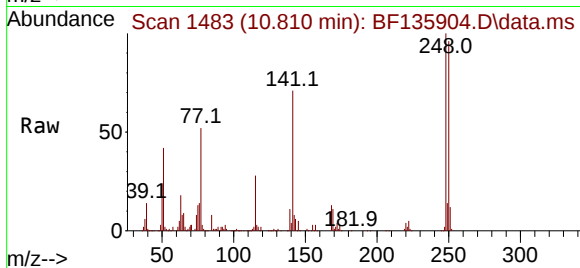




#67
4-Bromophenyl-phenylether
Concen: 42.869 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

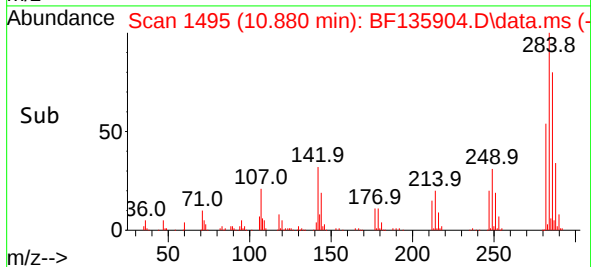
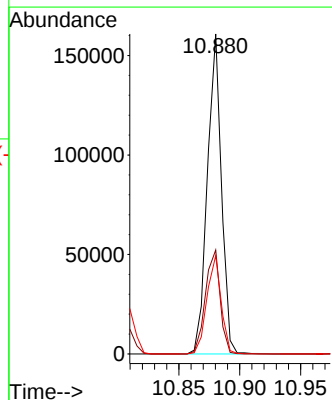
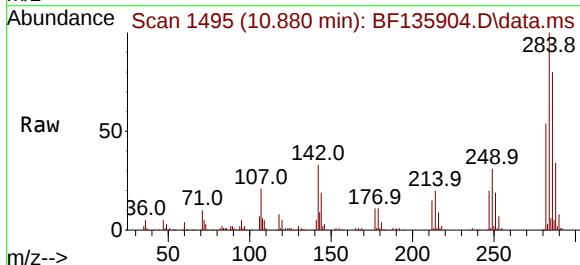
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

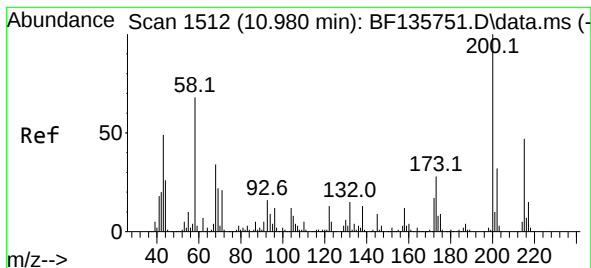
Tgt Ion:248 Resp: 129398
Ion Ratio Lower Upper
248 100
250 96.2 78.0 117.0
141 71.0 59.0 88.6



#68
Hexachlorobenzene
Concen: 41.884 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:284 Resp: 128717
Ion Ratio Lower Upper
284 100
142 32.5 25.3 37.9
249 30.7 23.5 35.3





#69

Atrazine

Concen: 41.172 ng

RT: 10.974 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

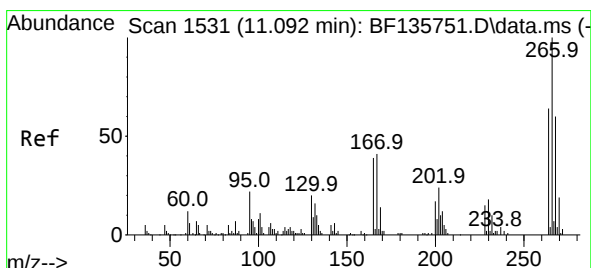
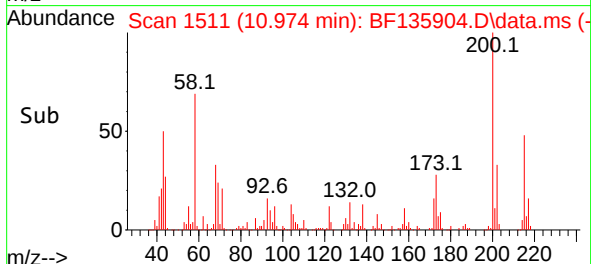
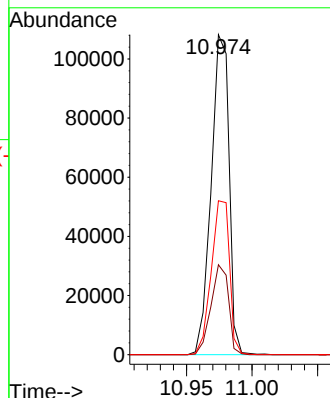
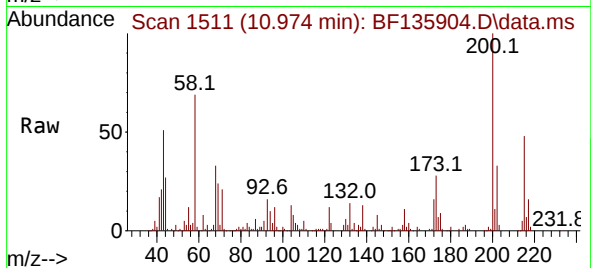
Tgt Ion:200 Resp: 102640

Ion Ratio Lower Upper

200 100

173 28.1 7.6 47.6

215 48.1 27.1 67.1



#70

Pentachlorophenol

Concen: 39.351 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

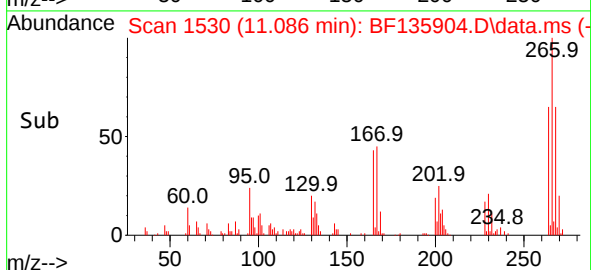
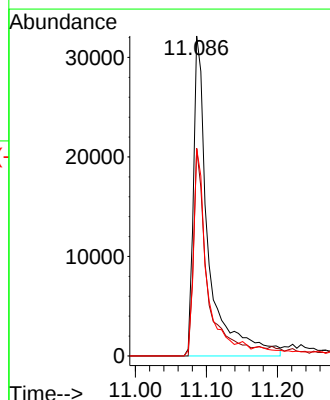
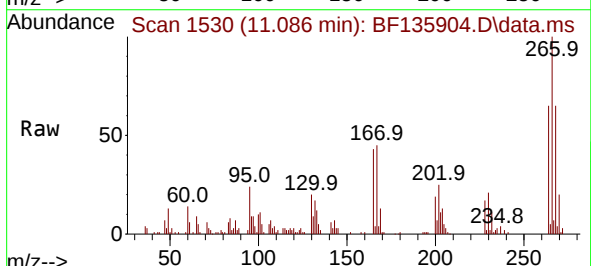
Tgt Ion:266 Resp: 47696

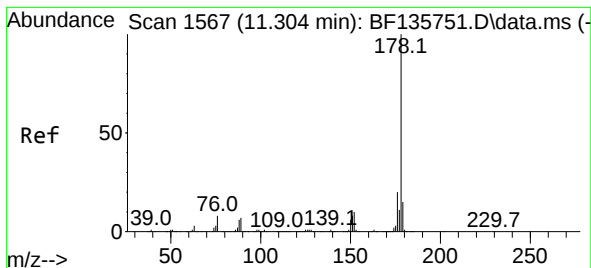
Ion Ratio Lower Upper

266 100

268 64.9 47.7 71.5

264 64.8 51.4 77.2





#71

Phenanthrene

Concen: 41.818 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

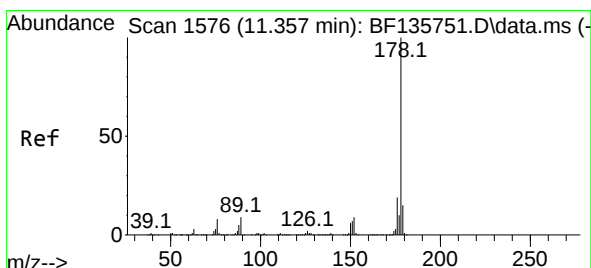
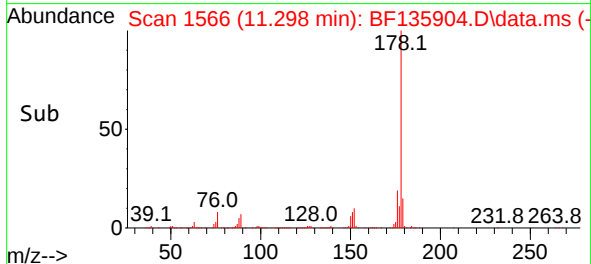
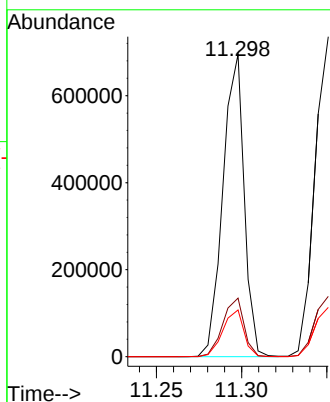
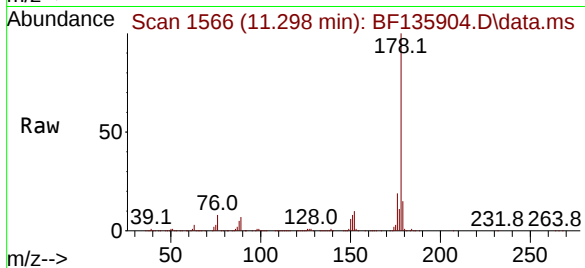
Tgt Ion:178 Resp: 602376

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 15.5 12.2 18.4



#72

Anthracene

Concen: 41.438 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

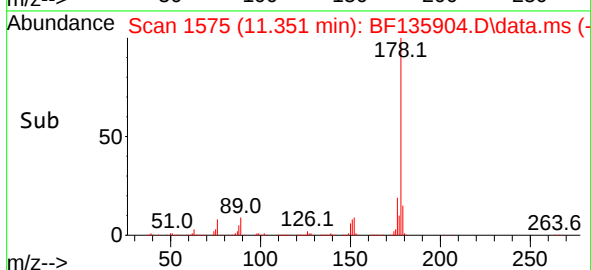
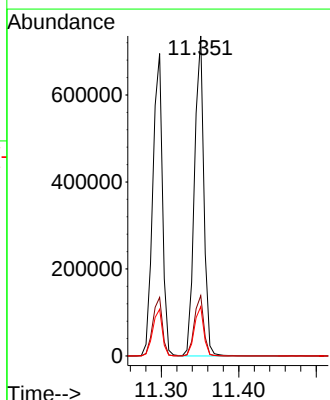
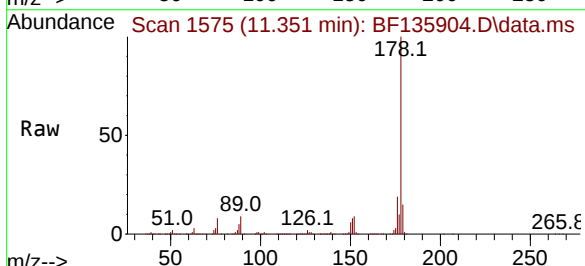
Tgt Ion:178 Resp: 618543

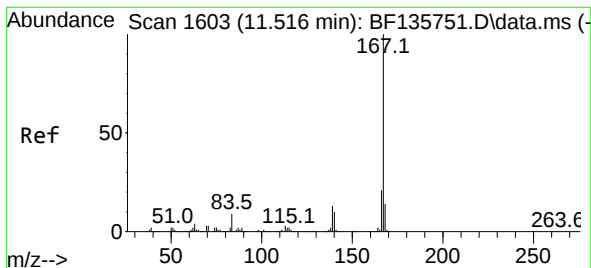
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.4 12.3 18.5





#73

Carbazole

Concen: 41.263 ng

RT: 11.515 min Scan# 1603

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

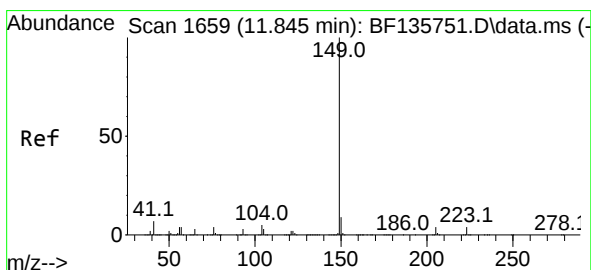
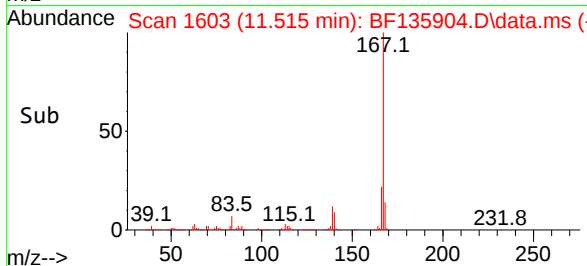
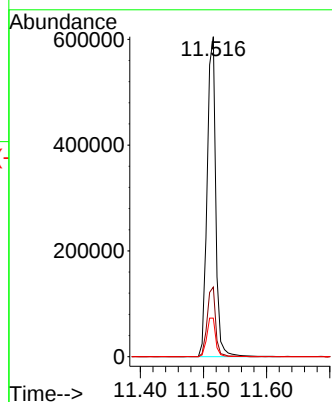
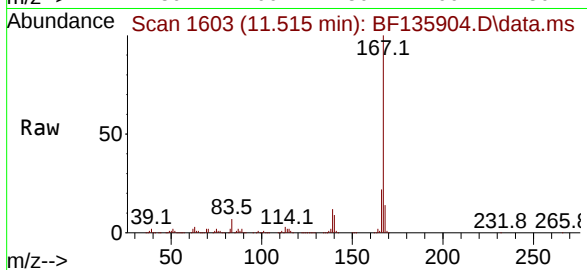
Tgt Ion:167 Resp: 574434

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 12.1 10.2 15.4



#74

Di-n-butylphthalate

Concen: 42.388 ng

RT: 11.833 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

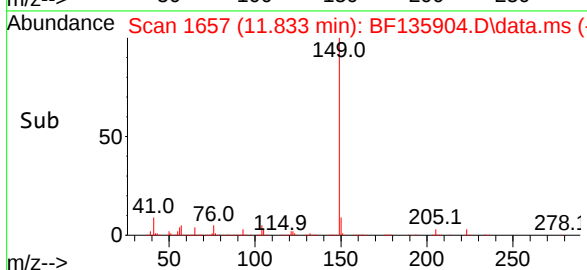
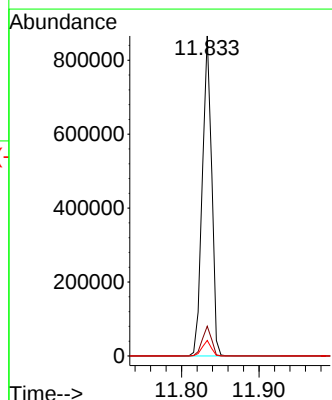
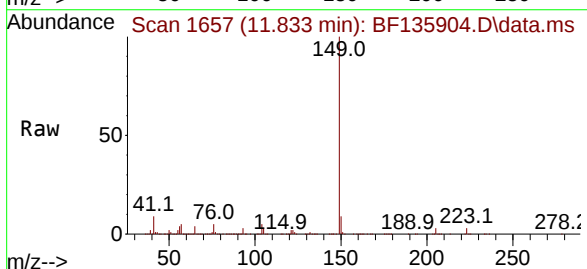
Tgt Ion:149 Resp: 724500

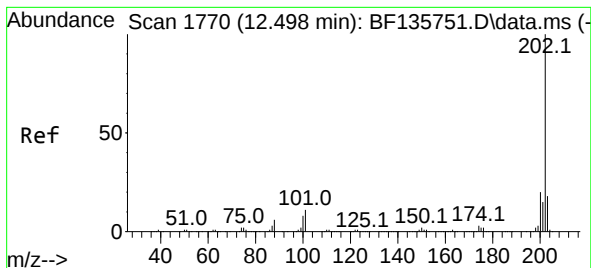
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.9 3.7 5.5





#75

Fluoranthene

Concen: 41.329 ng

RT: 12.492 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

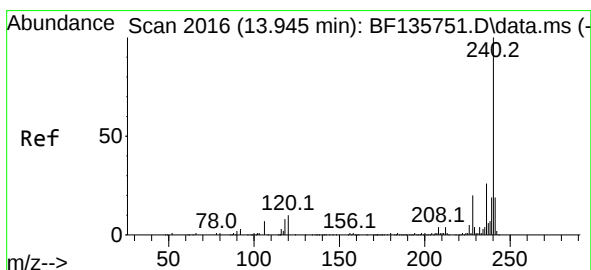
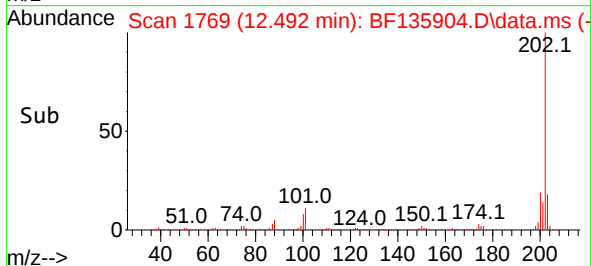
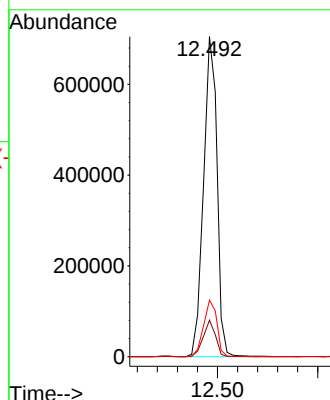
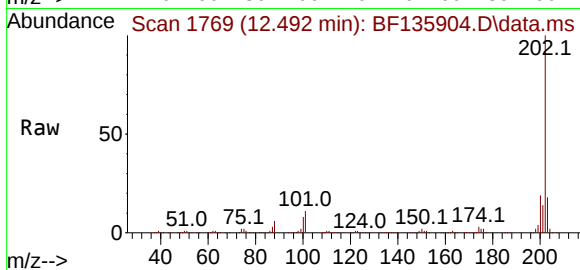
Tgt Ion:202 Resp: 660746

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.5

203 17.7 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

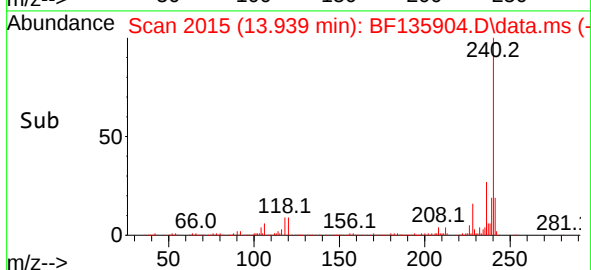
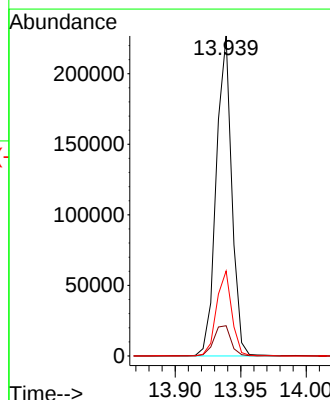
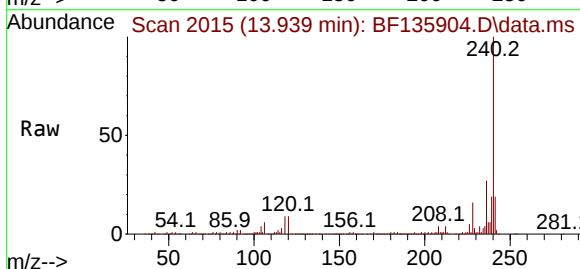
Tgt Ion:240 Resp: 186584

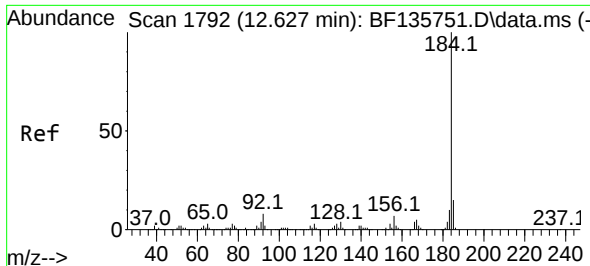
Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

236 26.6 21.2 31.8

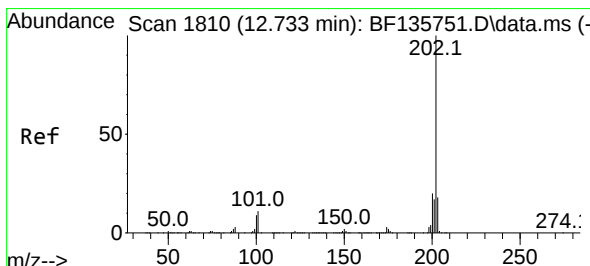
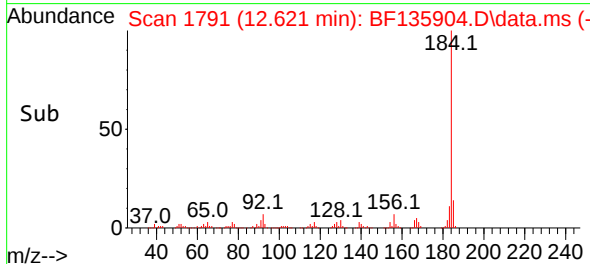
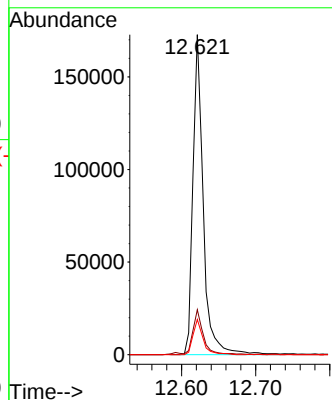
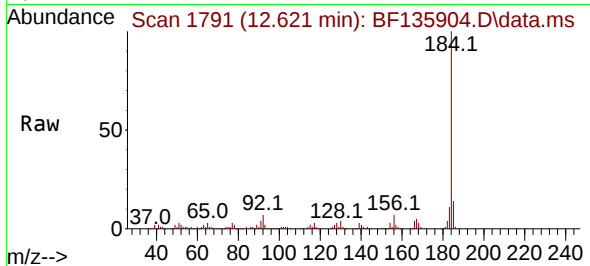




#77
Benzidine
Concen: 41.217 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

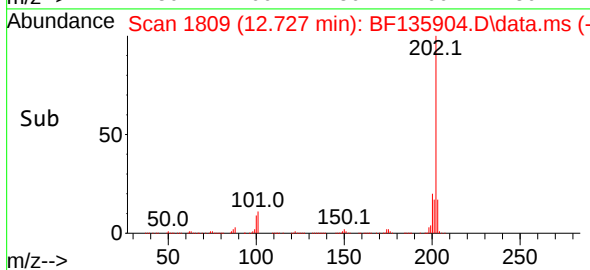
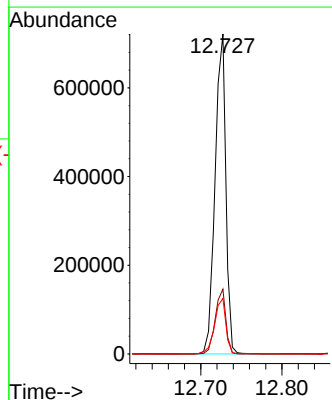
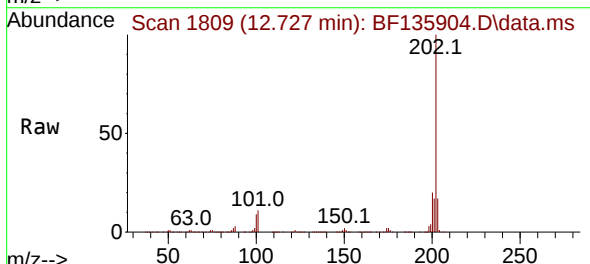
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

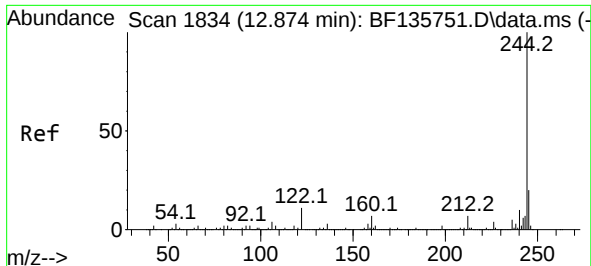
Tgt Ion:184 Resp: 167812
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 11.0 8.2 12.2



#78
Pyrene
Concen: 44.699 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:202 Resp: 662746
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.3 14.2 21.2

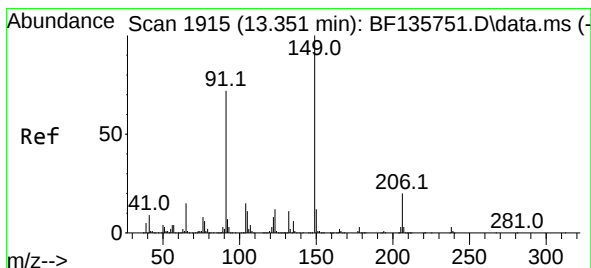
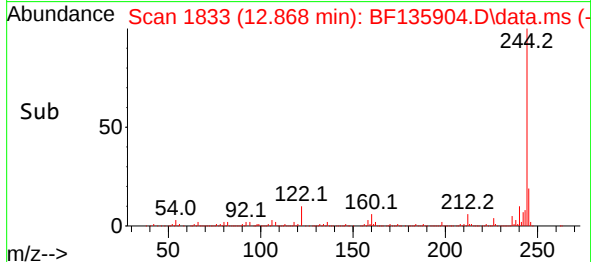
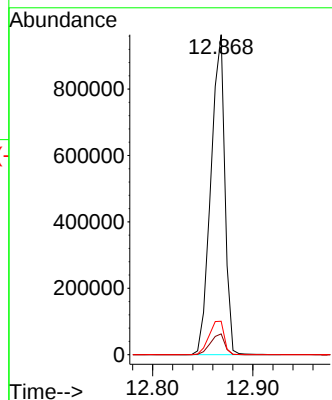
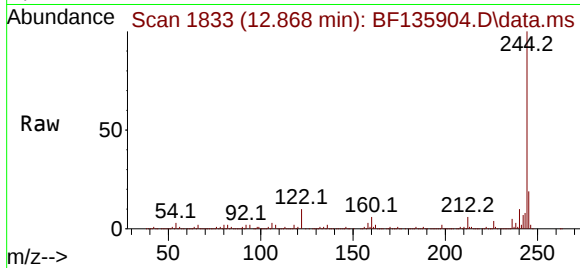




#79
 Terphenyl-d14
 Concen: 92.774 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56

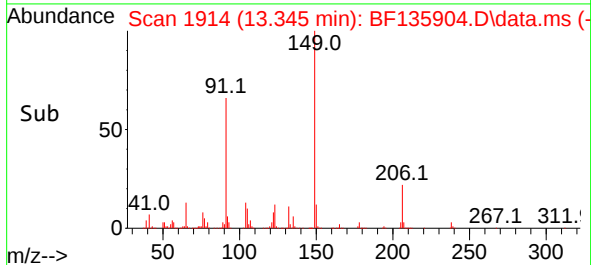
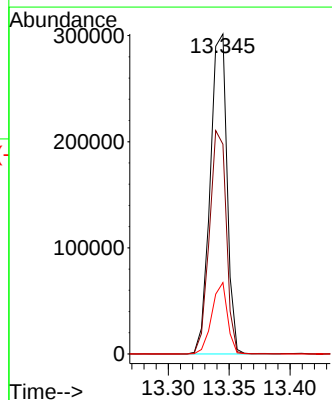
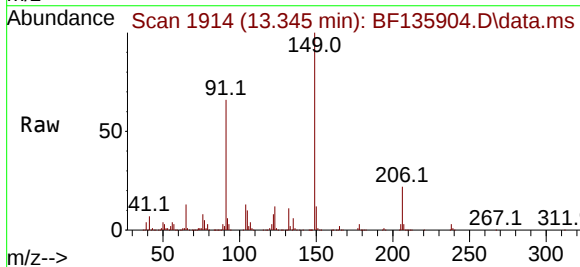
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

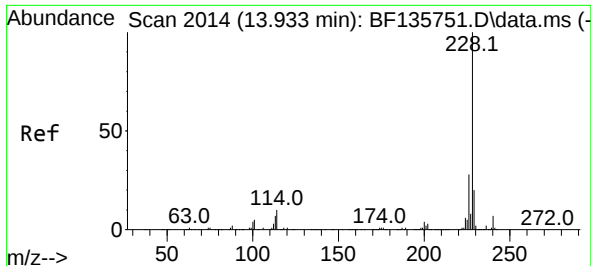
Tgt Ion:244 Resp: 934718
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.5 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 44.507 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.012 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56

Tgt Ion:149 Resp: 289982
 Ion Ratio Lower Upper
 149 100
 91 65.6 57.4 86.0
 206 22.3 16.2 24.4

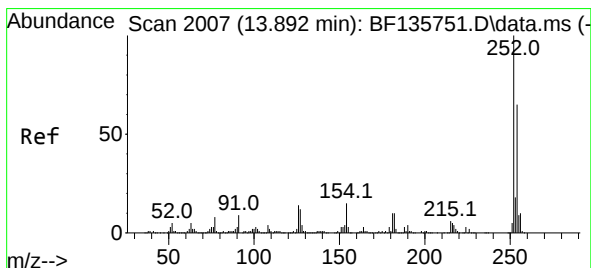
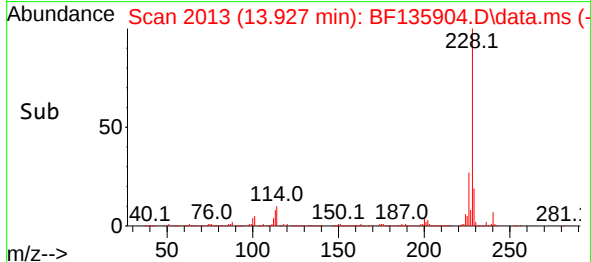
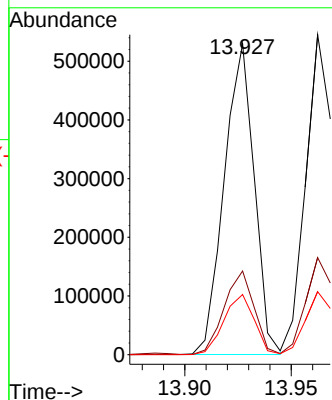
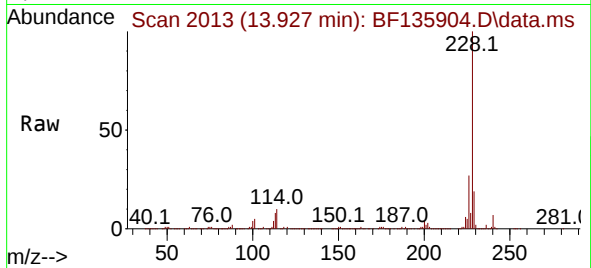




#81
Benzo(a)anthracene
Concen: 42.379 ng
RT: 13.927 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

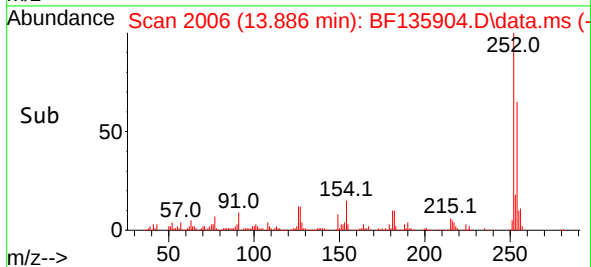
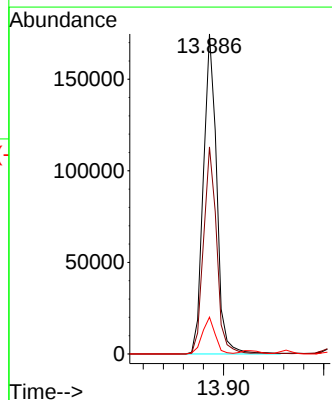
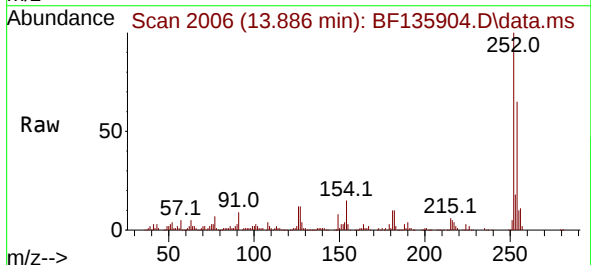
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

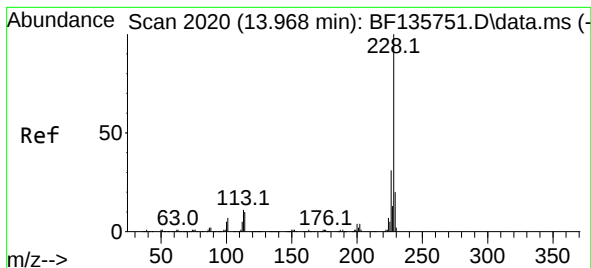
Tgt Ion:228 Resp: 519379
Ion Ratio Lower Upper
228 100
226 26.9 22.2 33.2
229 19.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 39.844 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:252 Resp: 161947
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 11.5 11.0 16.4





#83

Chrysene

Concen: 40.772 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

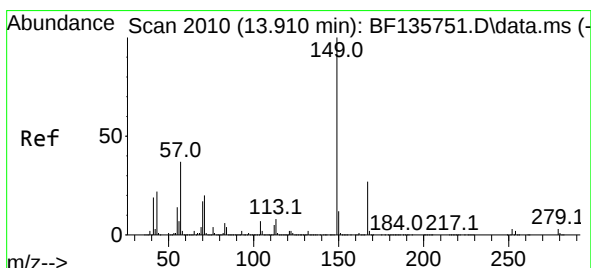
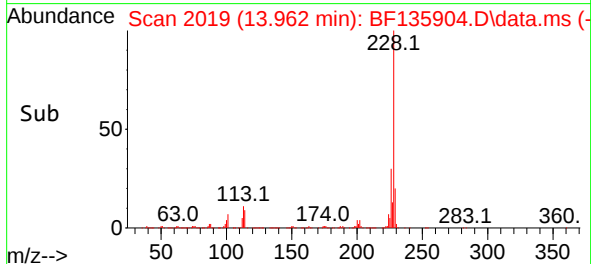
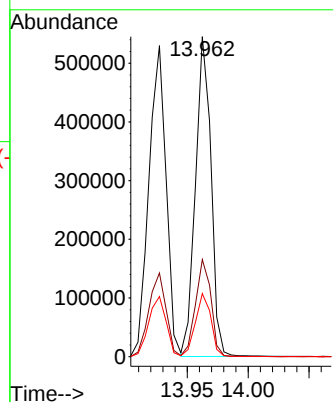
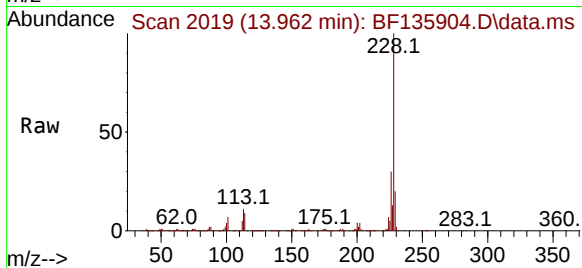
Tgt Ion:228 Resp: 483983

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.487 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

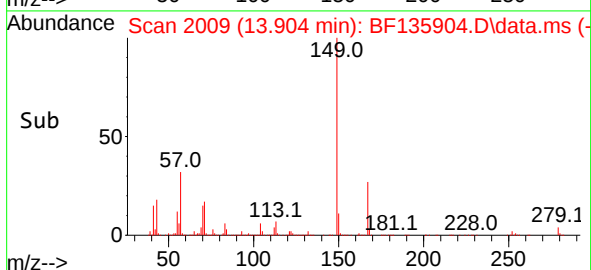
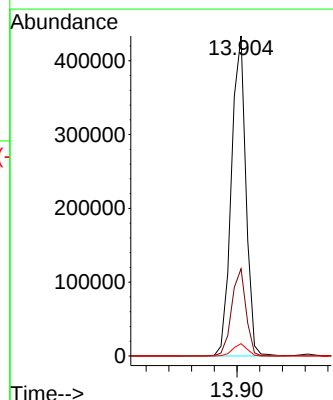
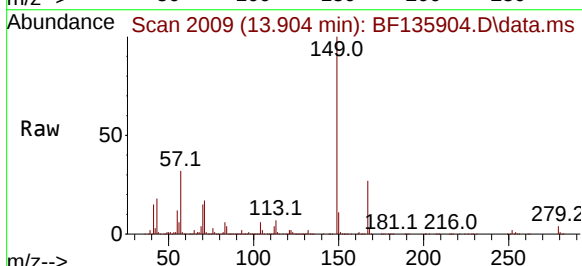
Tgt Ion:149 Resp: 384018

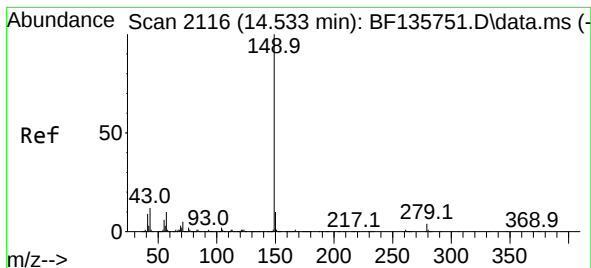
Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

279 3.8 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 38.184 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

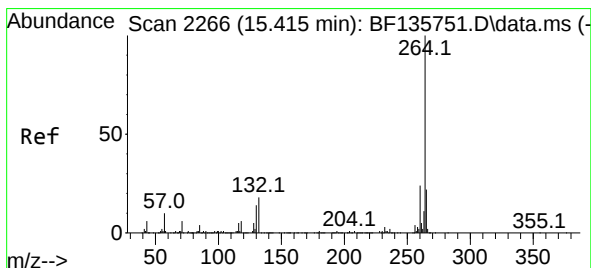
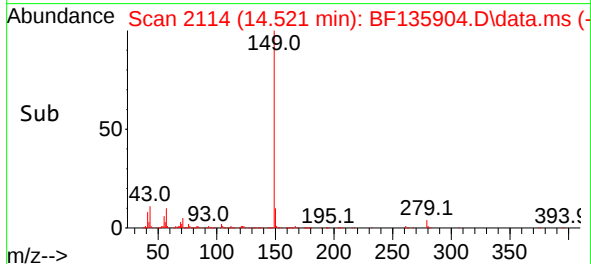
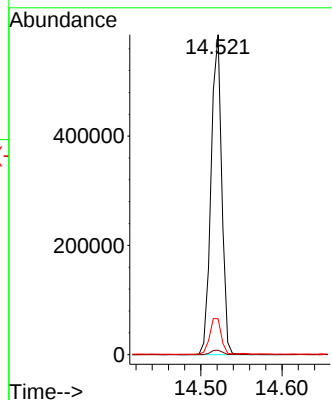
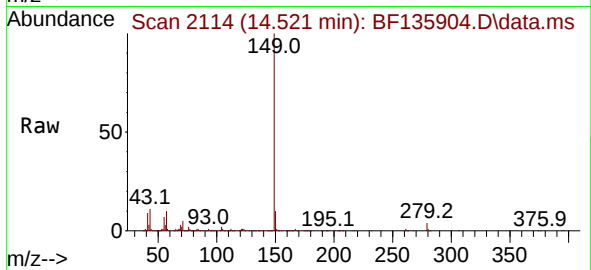
Tgt Ion:149 Resp: 534688

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.1 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

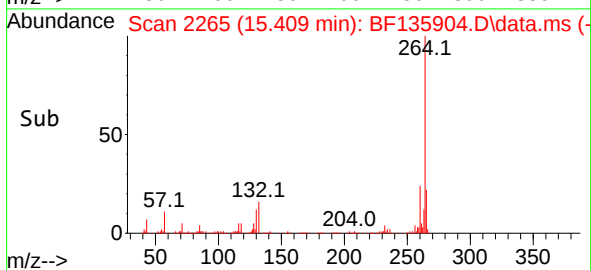
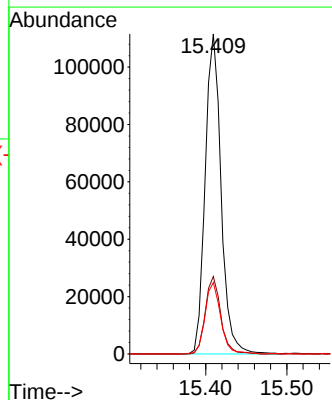
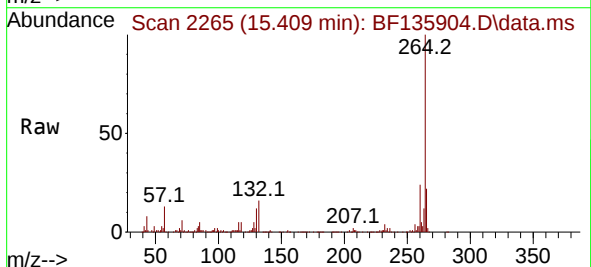
Tgt Ion:264 Resp: 151334

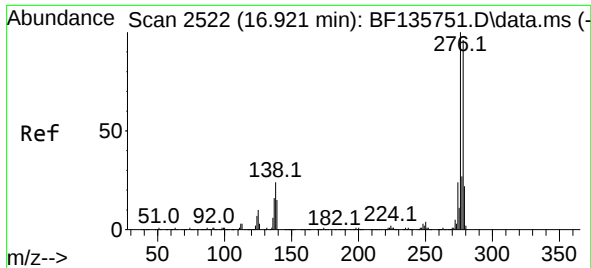
Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.3 17.4 26.2

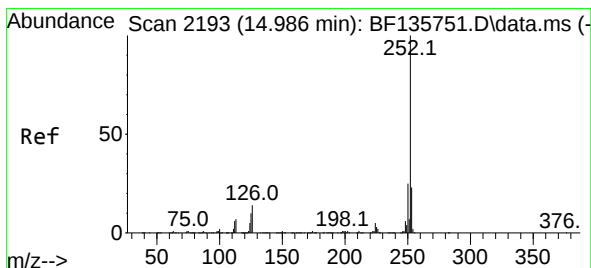
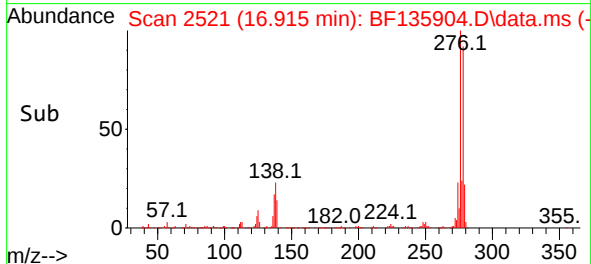
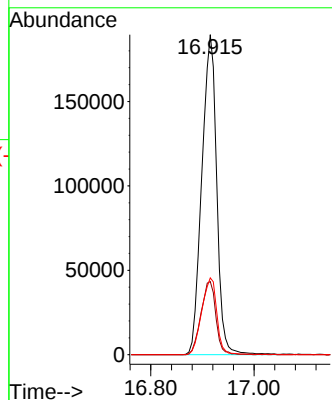
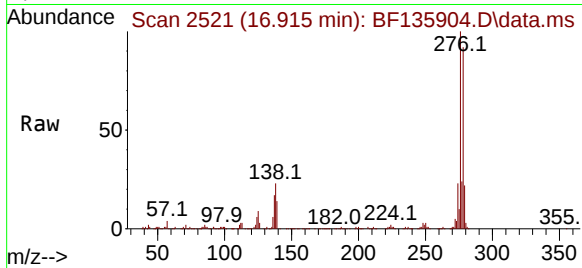




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.922 ng
 RT: 16.915 min Scan# 2192
 Delta R.T. -0.018 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56

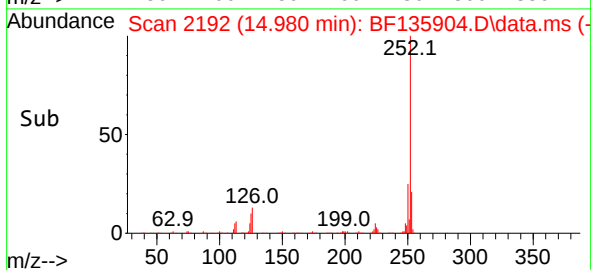
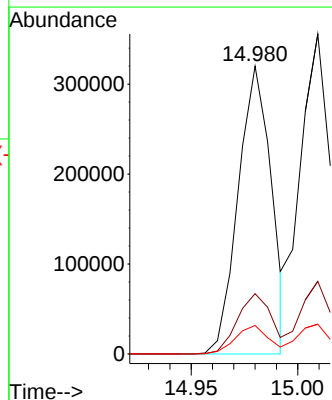
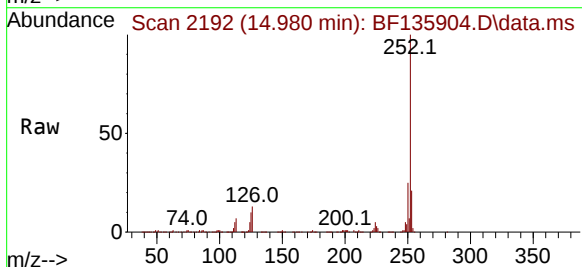
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

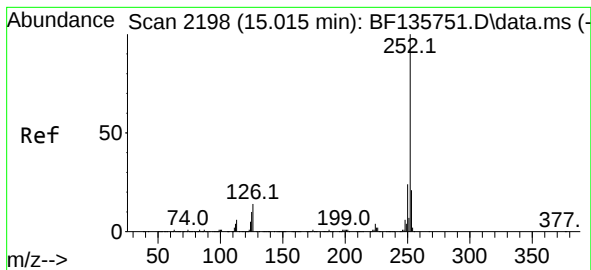
Tgt Ion:276 Resp: 378668
 Ion Ratio Lower Upper
 276 100
 138 22.9 19.8 29.6
 277 24.4 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 41.044 ng
 RT: 14.980 min Scan# 2192
 Delta R.T. -0.012 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56

Tgt Ion:252 Resp: 347627
 Ion Ratio Lower Upper
 252 100
 253 21.0 18.2 27.2
 125 9.9 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 44.447 ng

RT: 15.009 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

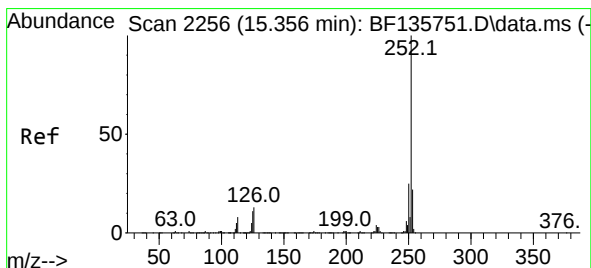
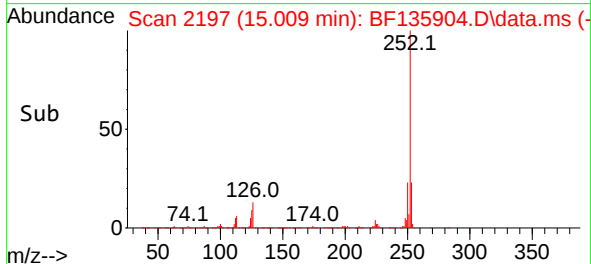
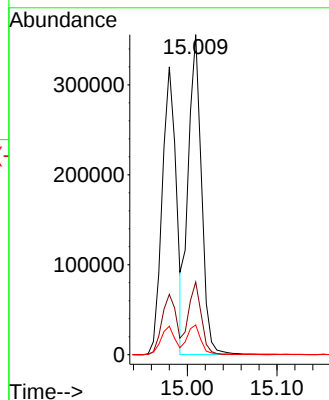
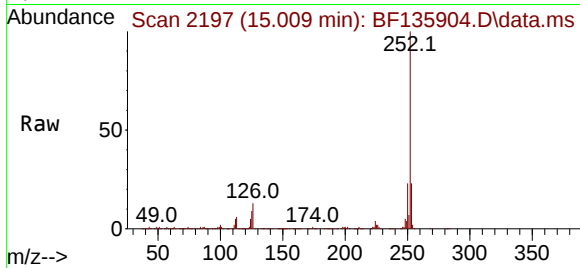
Tgt Ion:252 Resp: 365480

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 9.3 8.3 12.5



#90

Benzo(a)pyrene

Concen: 42.070 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

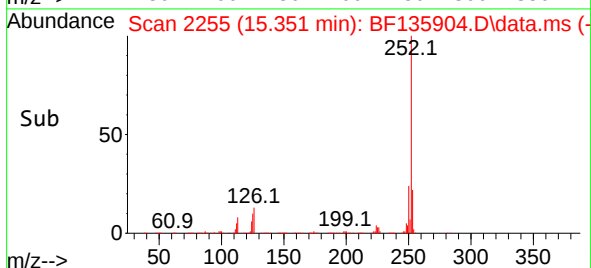
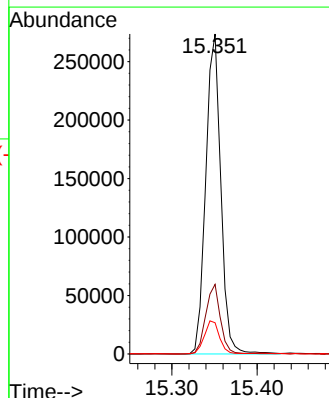
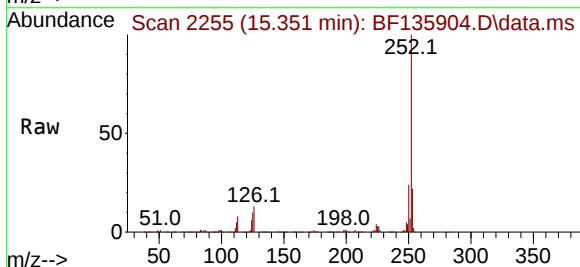
Tgt Ion:252 Resp: 335061

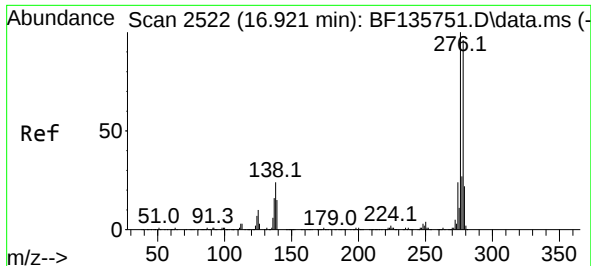
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.7 8.8 13.2

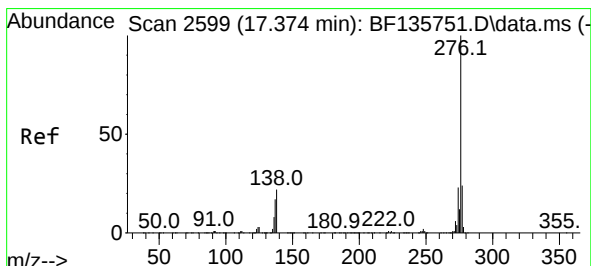
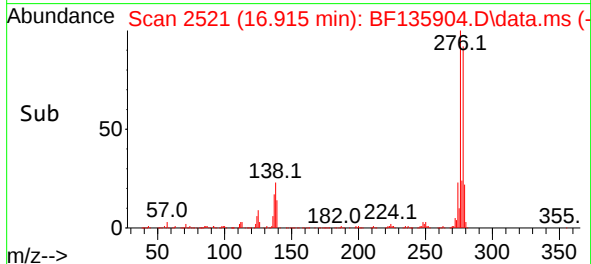
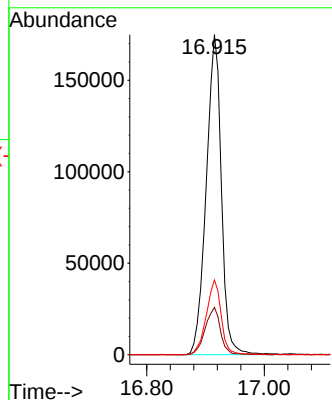
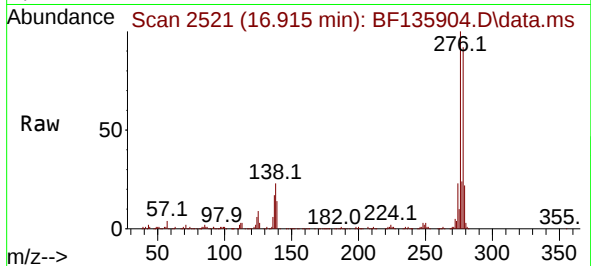




#91
Dibenzo(a,h)anthracene
Concen: 46.209 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.024 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 312359
Ion Ratio Lower Upper
278 100
139 14.8 12.5 18.7
279 23.4 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 46.086 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:276 Resp: 320002
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.2
138 19.7 17.3 25.9

