

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135574.D
 Acq On : 04 Oct 2023 16:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 04 23:13:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	130662	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	511500	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	257607	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	490746	20.000	ng	0.00
76) Chrysene-d12	13.927	240	253112	20.000	ng	0.00
86) Perylene-d12	15.386	264	264746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	621912	77.414	ng	0.00
7) Phenol-d6	6.393	99	783291	76.679	ng	0.00
23) Nitrobenzene-d5	7.310	82	732086	77.759	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	180104	70.353	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1242159	72.749	ng	0.00
79) Terphenyl-d14	12.863	244	1238880	75.876	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	149420	42.428	ng	96
3) Pyridine	3.163	79	392345	41.394	ng	99
4) n-Nitrosodimethylamine	3.140	42	208373	41.428	ng	99
6) Aniline	6.410	93	501184	37.414	ng	# 83
8) 2-Chlorophenol	6.528	128	334745	39.033	ng	98
9) Benzaldehyde	6.298	77	190420	32.722	ng	98
10) Phenol	6.404	94	427063	38.126	ng	78
11) bis(2-Chloroethyl)ether	6.481	93	338106	40.240	ng	98
12) 1,3-Dichlorobenzene	6.675	146	328958	37.744	ng	99
13) 1,4-Dichlorobenzene	6.757	146	329055	37.109	ng	98
14) 1,2-Dichlorobenzene	6.910	146	307088	37.292	ng	98
15) Benzyl Alcohol	6.893	79	246208	33.588	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	604813	38.189	ng	79
17) 2-Methylphenol	7.004	107	287544	37.995	ng	96
18) Hexachloroethane	7.240	117	124380	37.963	ng	89
19) n-Nitroso-di-n-propyla...	7.157	70	229146	36.216	ng	93
20) 3+4-Methylphenols	7.163	107	355594	39.076	ng	# 71
22) Acetophenone	7.151	105	454243	38.843	ng	92
24) Nitrobenzene	7.328	77	377104	40.525	ng	98
25) Isophorone	7.563	82	698216	40.387	ng	98
26) 2-Nitrophenol	7.640	139	189407	42.409	ng	95
27) 2,4-Dimethylphenol	7.681	122	301275	40.132	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	417767	40.374	ng	98
29) 2,4-Dichlorophenol	7.887	162	277336	39.869	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	277698	38.194	ng	100
31) Naphthalene	8.040	128	963395	38.765	ng	100
32) Benzoic acid	7.822	122	207979	36.792	ng	98
33) 4-Chloroaniline	8.098	127	441820	40.520	ng	98
34) Hexachlorobutadiene	8.151	225	156369	35.667	ng	97
35) Caprolactam	8.469	113	101562	43.503	ng	97
36) 4-Chloro-3-methylphenol	8.592	107	306276	39.615	ng	93
37) 2-Methylnaphthalene	8.734	142	646659	38.709	ng	99
38) 1-Methylnaphthalene	8.828	142	592529	37.884	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	288158	38.611	ng	100
41) Hexachlorocyclopentadiene	8.881	237	141340	46.398	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	185552	37.973	ng	98

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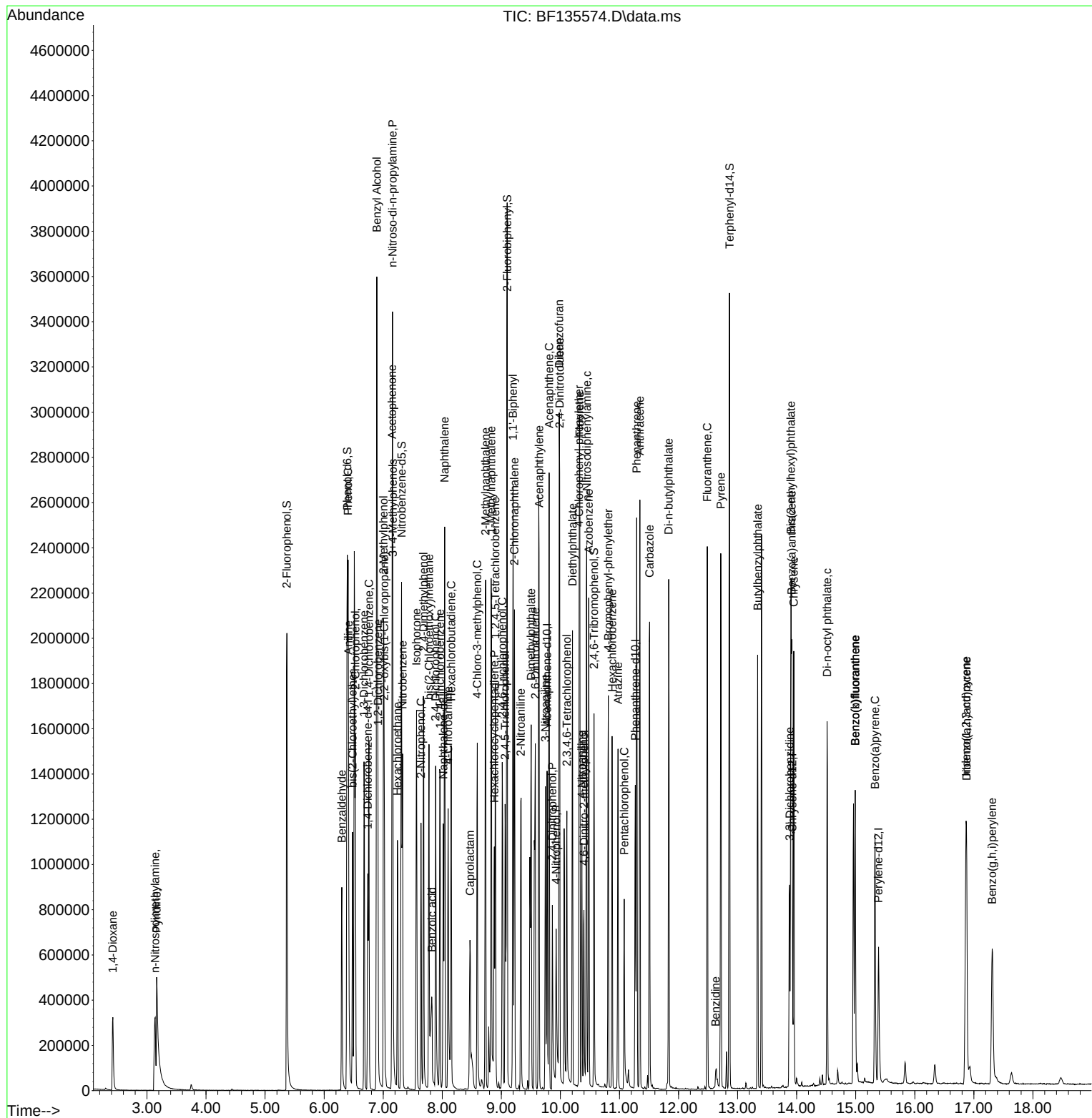
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	215923	38.371	ng	97
46) 1,1'-Biphenyl	9.198	154	767322	38.760	ng	99
47) 2-Chloronaphthalene	9.222	162	565154	39.346	ng	99
48) 2-Nitroaniline	9.328	65	240170	43.039	ng	95
49) Acenaphthylene	9.639	152	907426	38.013	ng	99
50) Dimethylphthalate	9.504	163	693413	39.813	ng	99
51) 2,6-Dinitrotoluene	9.575	165	154480	40.488	ng	88
52) Acenaphthene	9.810	154	558541	39.608	ng	97
53) 3-Nitroaniline	9.745	138	185756	41.475	ng	99
54) 2,4-Dinitrophenol	9.863	184	112156	53.984	ng	94
55) Dibenzofuran	9.981	168	796163	36.998	ng	98
56) 4-Nitrophenol	9.928	139	114383	40.184	ng	95
57) 2,4-Dinitrotoluene	9.986	165	181233	37.942	ng	97
58) Fluorene	10.328	166	635909	38.439	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	158681	36.658	ng	99
60) Diethylphthalate	10.204	149	686771	39.290	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	304416	38.307	ng	97
62) 4-Nitroaniline	10.363	138	159677	37.090	ng	98
63) Azobenzene	10.481	77	702224	41.049	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	108221	41.520	ng	90
66) n-Nitrosodiphenylamine	10.445	169	585513	39.409	ng	98
67) 4-Bromophenyl-phenylether	10.810	248	189242	38.773	ng	97
68) Hexachlorobenzene	10.875	284	193686	38.952	ng	# 89
69) Atrazine	10.975	200	148890	37.244	ng	99
70) Pentachlorophenol	11.080	266	112021	37.654	ng	98
71) Phenanthrene	11.292	178	924635	39.837	ng	98
72) Anthracene	11.345	178	951780	39.894	ng	100
73) Carbazole	11.510	167	888486	40.910	ng	99
74) Di-n-butylphthalate	11.833	149	1091896	42.667	ng	99
75) Fluoranthene	12.486	202	970367	40.123	ng	98
77) Benzidine	12.627	184	45422	8.759	ng	97
78) Pyrene	12.716	202	967984	40.168	ng	100
80) Butylbenzylphthalate	13.339	149	411626	48.515	ng	95
81) Benzo(a)anthracene	13.916	228	650919	39.826	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	212499	41.624	ng	# 98
83) Chrysene	13.951	228	653643	40.225	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	518195	59.517	ng	99
85) Di-n-octyl phthalate	14.516	149	746256	53.934	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	628076	36.183	ng	97
88) Benzo(b)fluoranthene	14.992	252	564268	39.372	ng	98
89) Benzo(k)fluoranthene	14.992	252	564268	39.858	ng	99
90) Benzo(a)pyrene	15.327	252	546171	39.962	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	517039	36.403	ng	99
92) Benzo(g,h,i)perylene	17.310	276	531117	35.806	ng	98

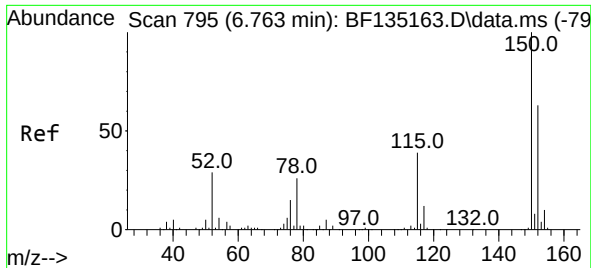
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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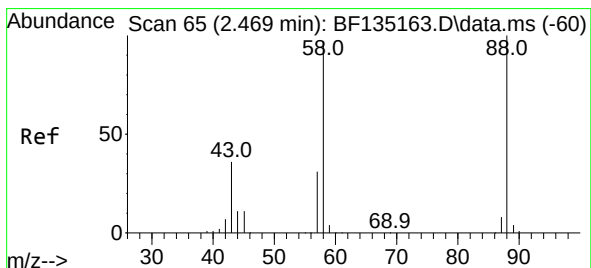
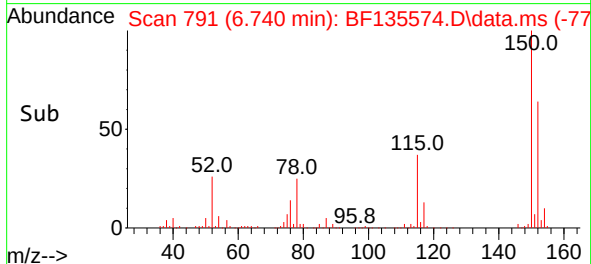
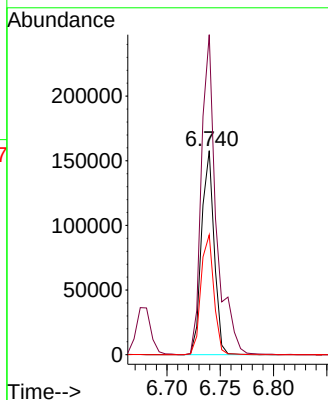
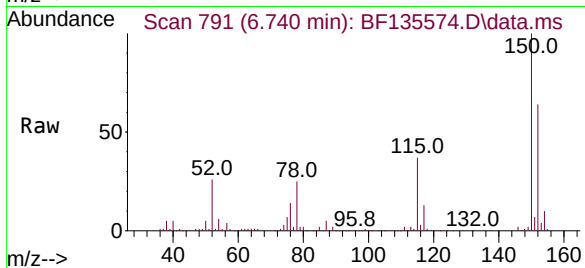




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF135574.D
 Acq: 04 Oct 2023 16:40

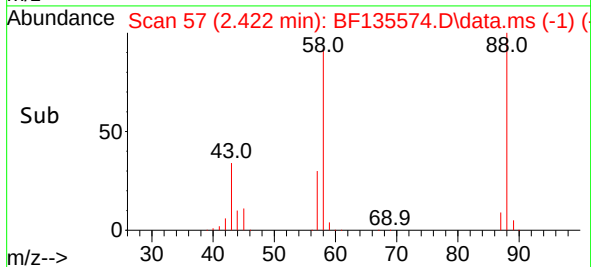
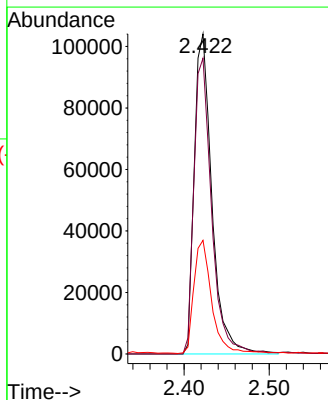
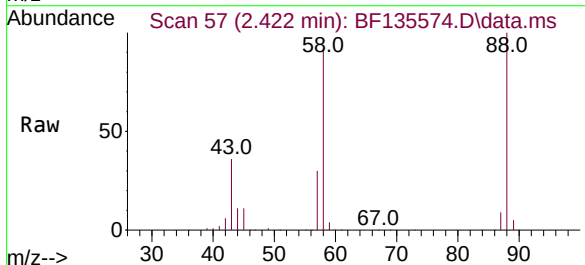
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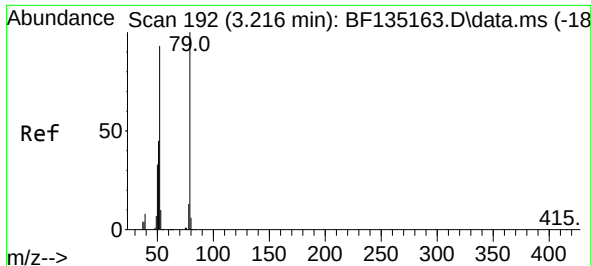
Tgt Ion:152 Resp: 130662
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.8 191.6
 115 58.8 49.8 74.8



#2
 1,4-Dioxane
 Concen: 42.428 ng
 RT: 2.422 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: BF135574.D
 Acq: 04 Oct 2023 16:40

Tgt Ion: 88 Resp: 149420
 Ion Ratio Lower Upper
 88 100
 58 92.9 78.3 117.5
 43 35.9 29.4 44.0

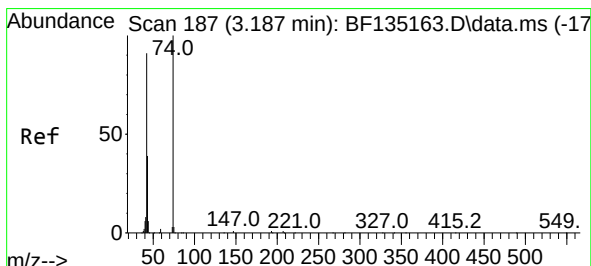
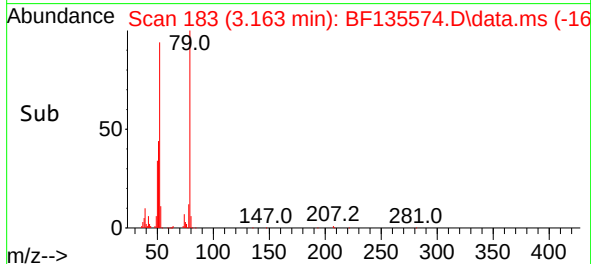
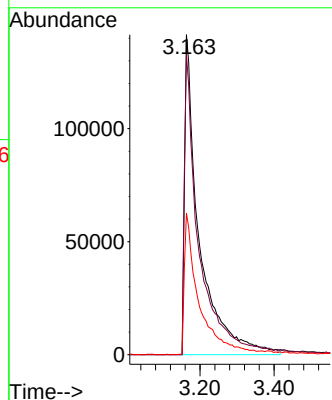
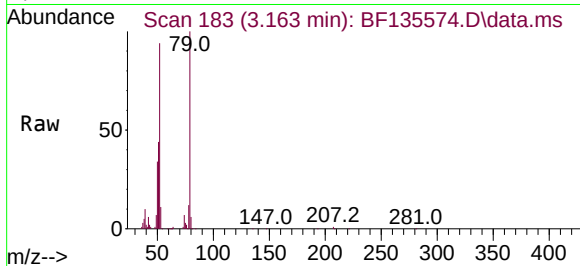




#3
Pyridine
Concen: 41.394 ng
RT: 3.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

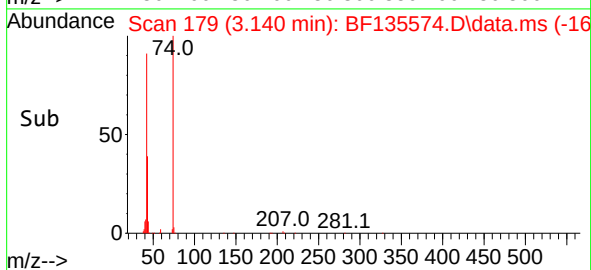
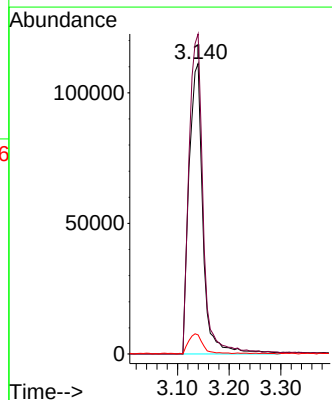
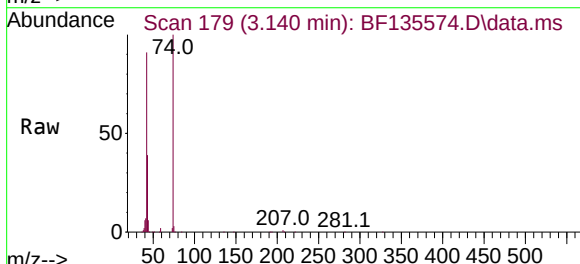
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SSTDCCC040EC

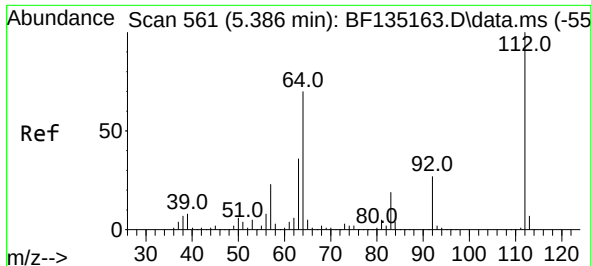
Tgt Ion: 79 Resp: 392345
Ion Ratio Lower Upper
79 100
52 93.9 74.1 111.1
51 44.2 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 41.428 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion: 42 Resp: 208373
Ion Ratio Lower Upper
42 100
74 110.2 87.7 131.5
44 6.5 5.6 8.4

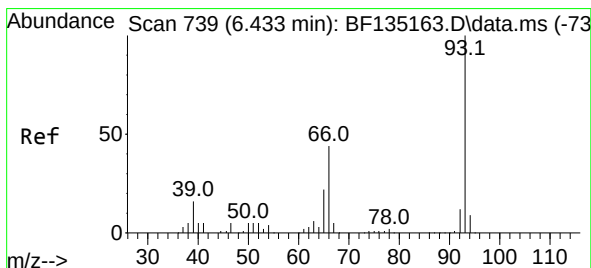
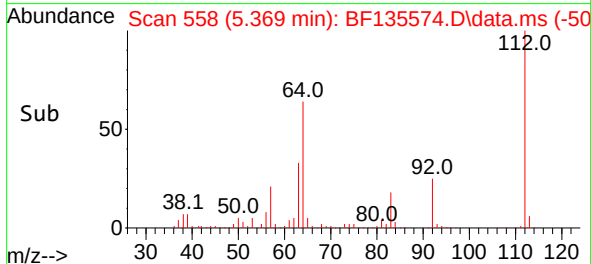
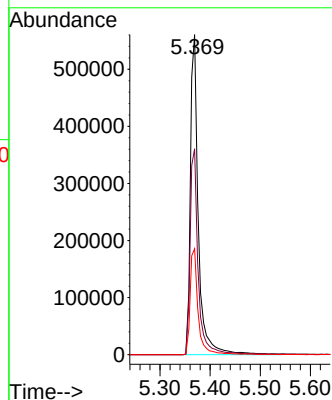
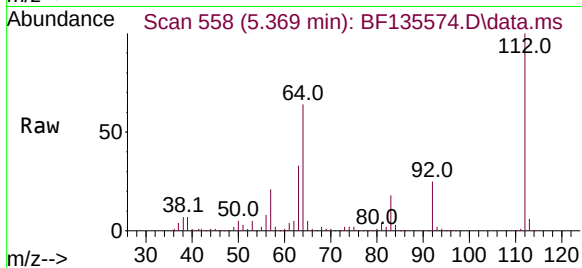




#5
2-Fluorophenol
Concen: 77.414 ng
RT: 5.369 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

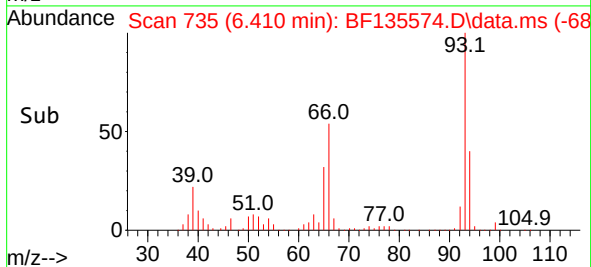
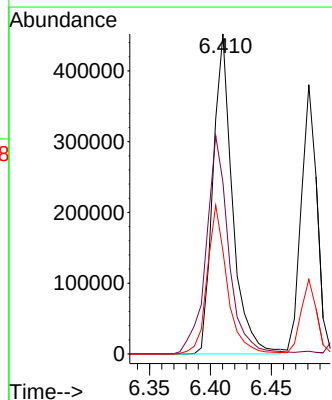
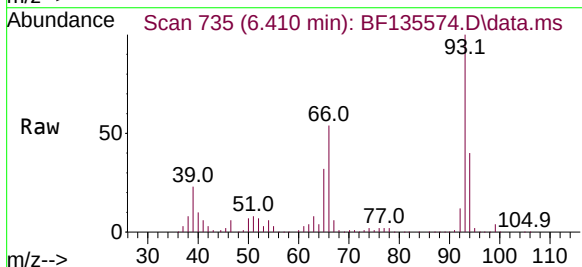
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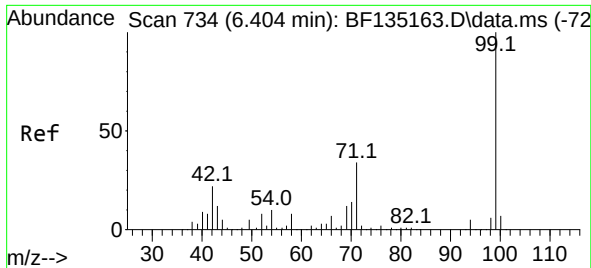
Tgt Ion:112 Resp: 621912
Ion Ratio Lower Upper
112 100
64 64.4 55.9 83.9
63 33.1 29.0 43.6



#6
Aniline
Concen: 37.414 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion: 93 Resp: 501184
Ion Ratio Lower Upper
93 100
66 53.7 35.4 53.0#
65 32.3 17.8 26.8#

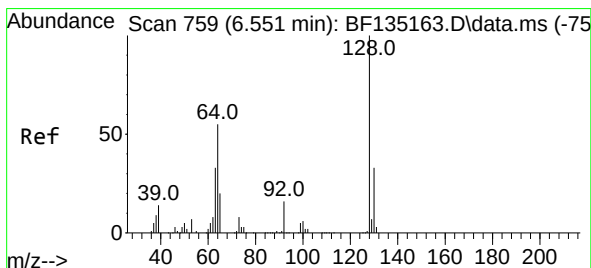
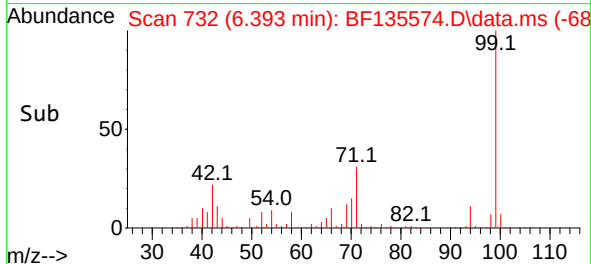
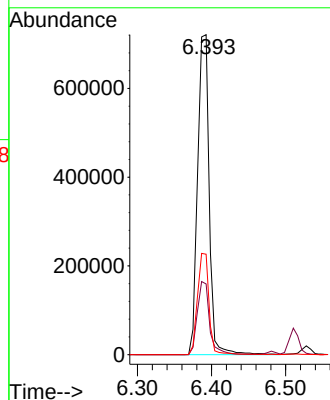
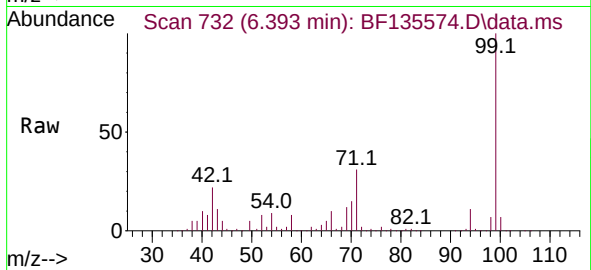




#7
Phenol-d6
Concen: 76.679 ng
RT: 6.393 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

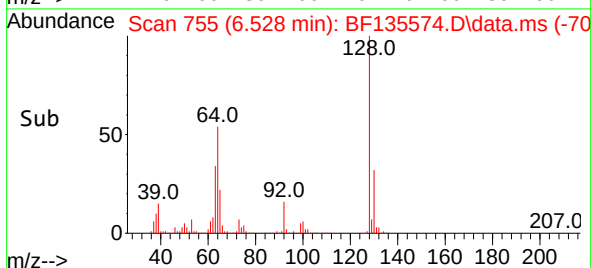
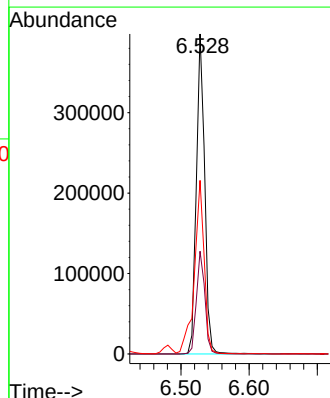
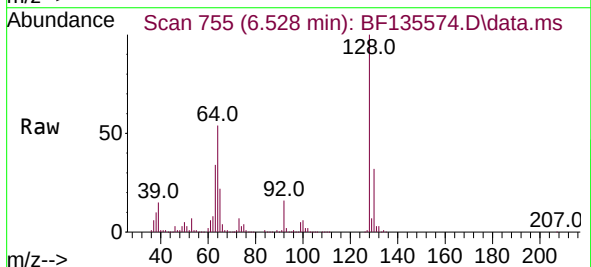
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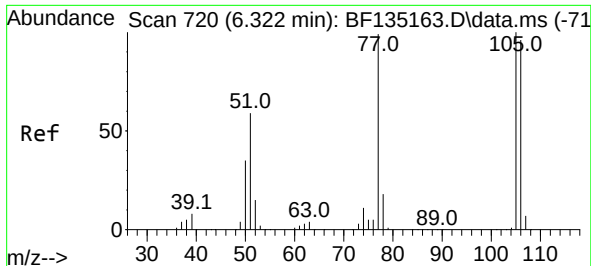
Tgt Ion: 99 Resp: 783291
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 31.4 27.0 40.6



#8
2-Chlorophenol
Concen: 39.033 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:128 Resp: 334745
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 54.3 35.9 75.9





#9

Benzaldehyde

Concen: 32.722 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

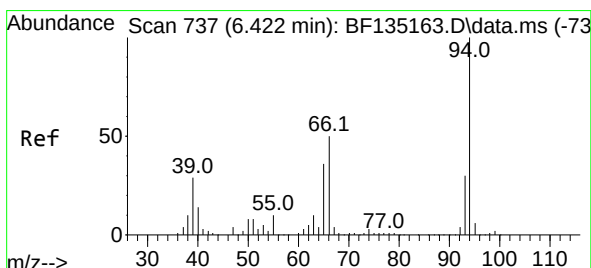
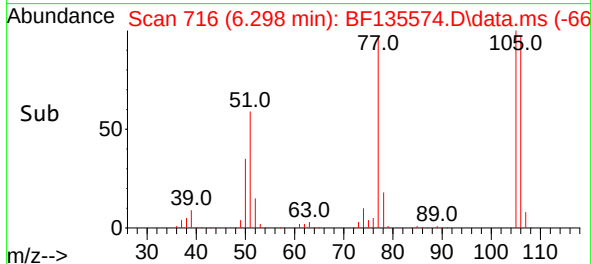
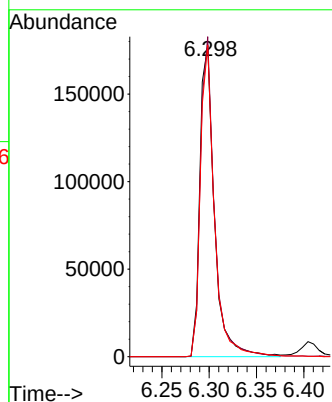
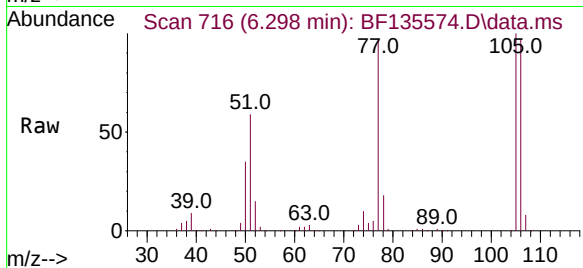
Tgt Ion: 77 Resp: 190420

Ion Ratio Lower Upper

77 100

105 103.0 81.4 121.4

106 100.3 76.9 116.9



#10

Phenol

Concen: 38.126 ng

RT: 6.404 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

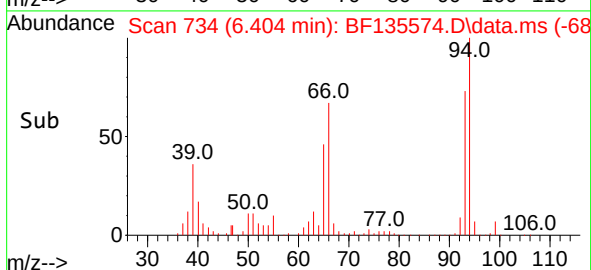
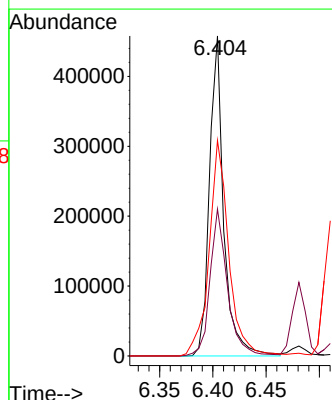
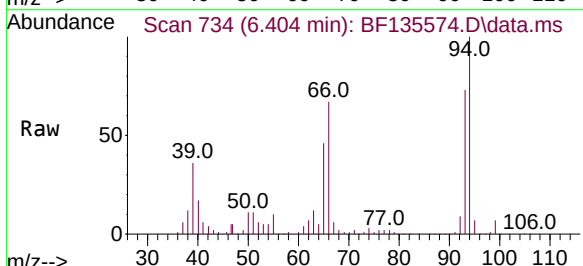
Tgt Ion: 94 Resp: 427063

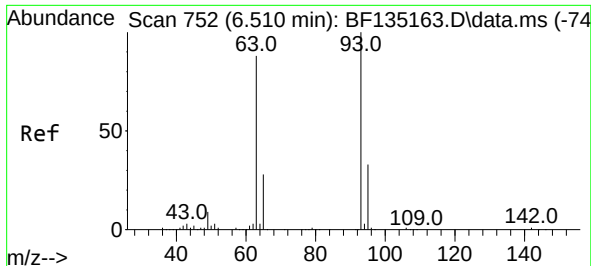
Ion Ratio Lower Upper

94 100

65 45.9 15.9 55.9

66 67.3 29.8 69.8

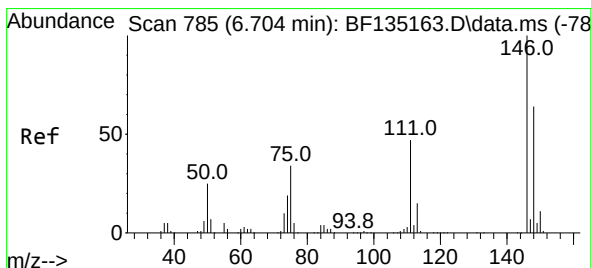
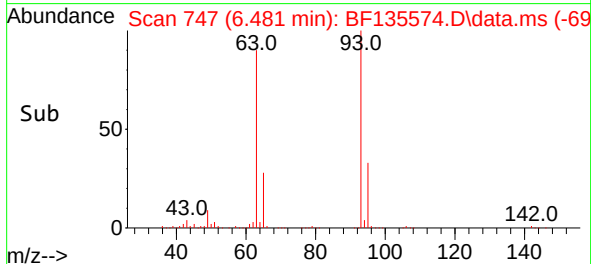
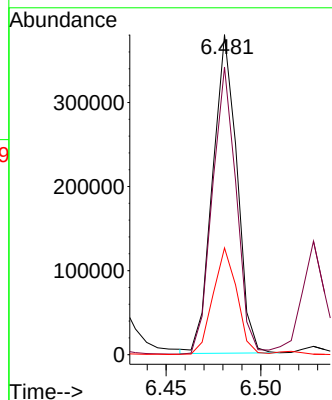
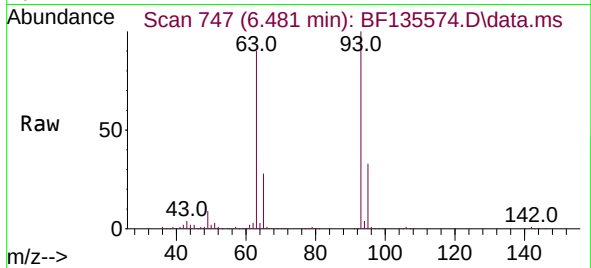




#11
bis(2-Chloroethyl)ether
Concen: 40.240 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

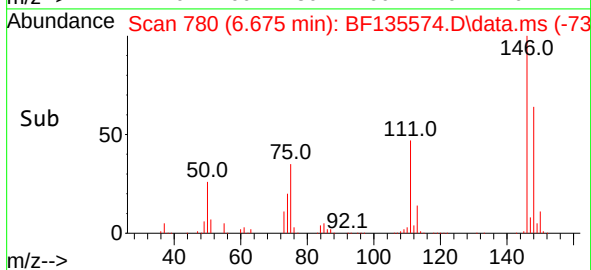
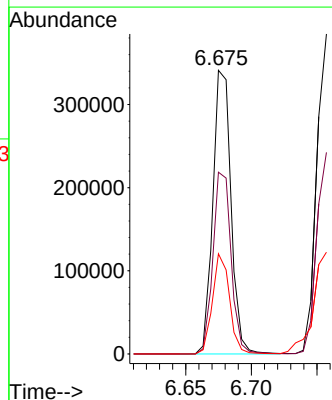
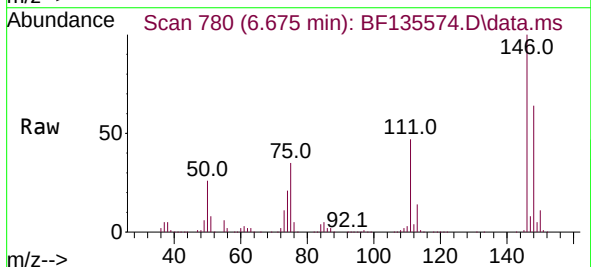
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

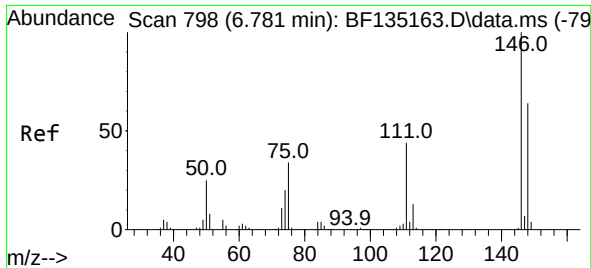
Tgt Ion: 93 Resp: 338106
Ion Ratio Lower Upper
93 100
63 89.9 67.3 107.3
95 33.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 37.744 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:146 Resp: 328958
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 35.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 37.109 ng

RT: 6.757 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

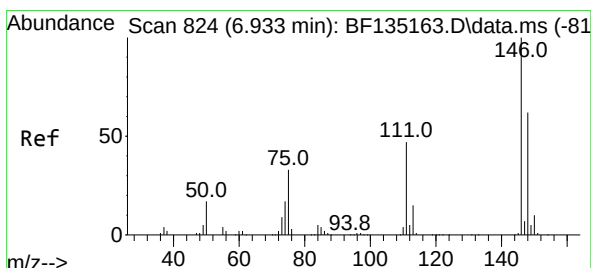
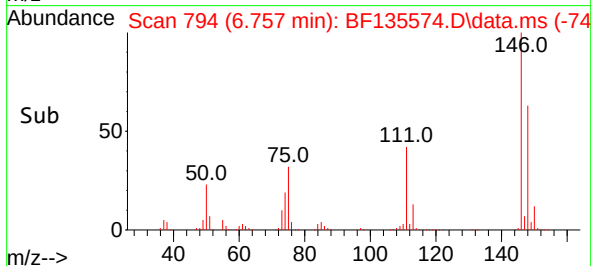
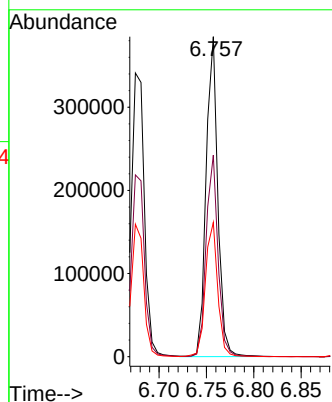
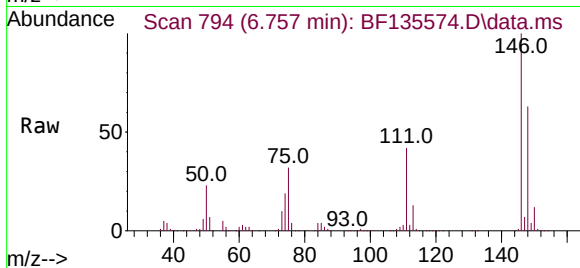
Tgt Ion:146 Resp: 329055

Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

111 42.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 37.292 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

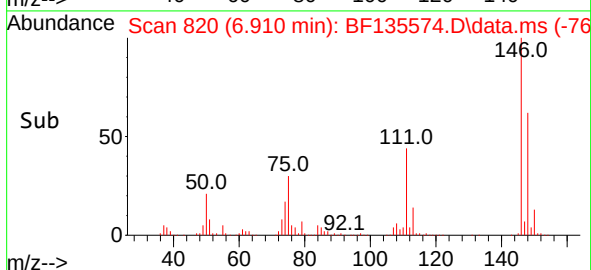
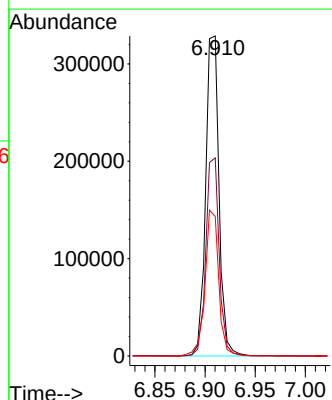
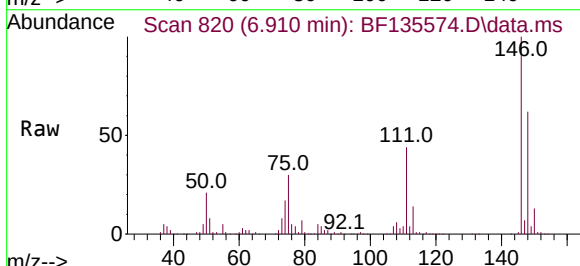
Tgt Ion:146 Resp: 307088

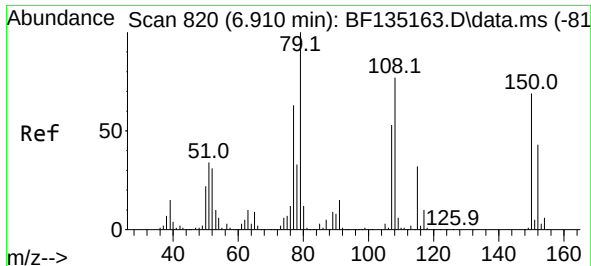
Ion Ratio Lower Upper

146 100

148 61.9 49.7 74.5

111 43.6 37.4 56.2

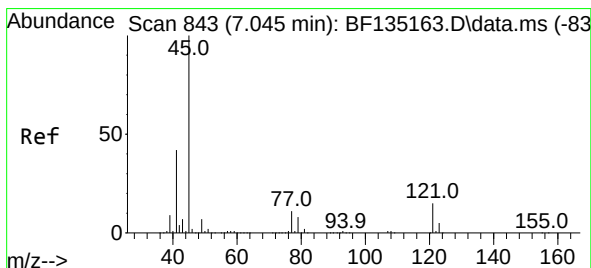
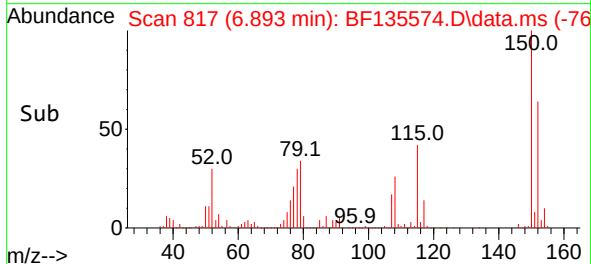
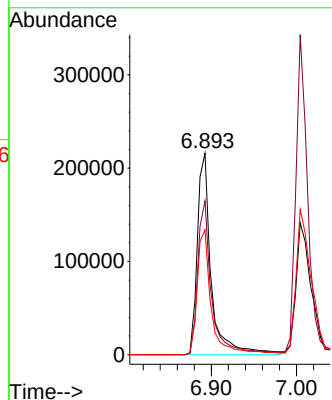
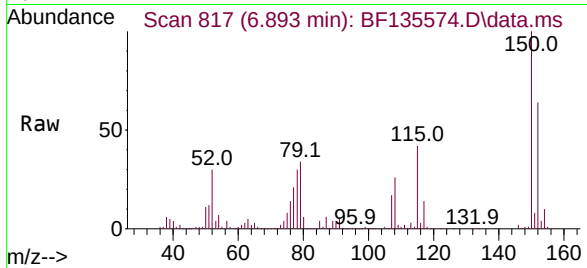




#15
Benzyl Alcohol
Concen: 33.588 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

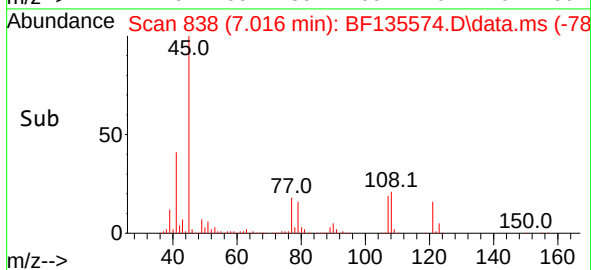
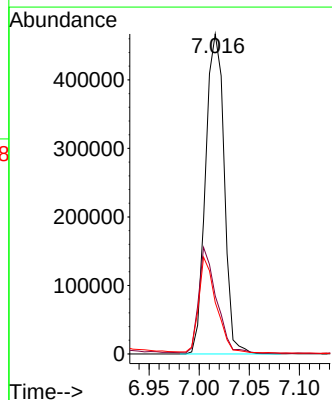
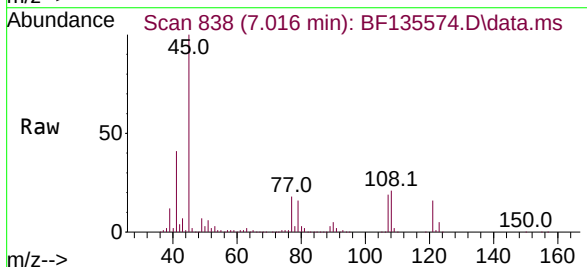
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

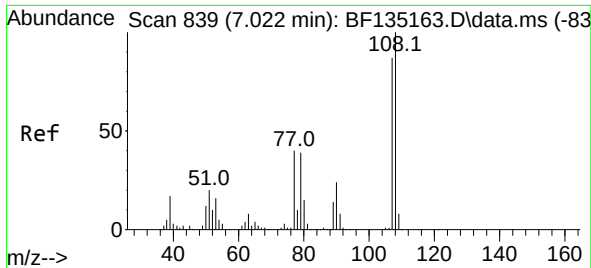
Tgt Ion: 79 Resp: 246208
Ion Ratio Lower Upper
79 100
108 76.4 61.2 91.8
77 62.0 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.189 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion: 45 Resp: 604813
Ion Ratio Lower Upper
45 100
77 18.1 0.0 30.6
79 16.1 0.0 28.3

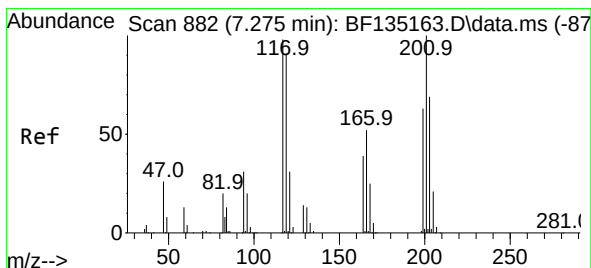
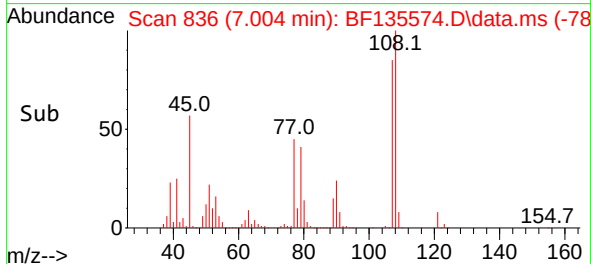
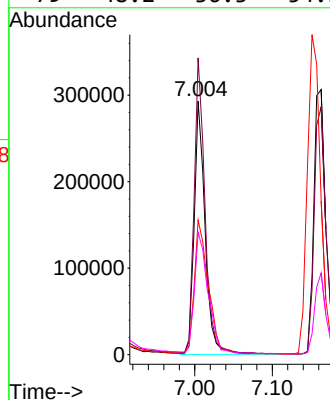
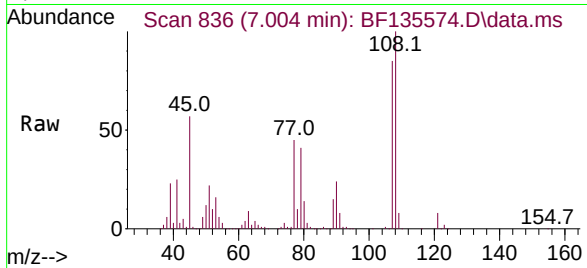




#17
2-Methylphenol
Concen: 37.995 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

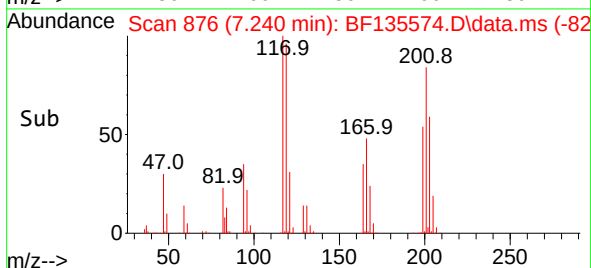
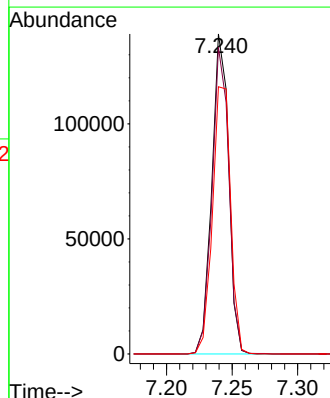
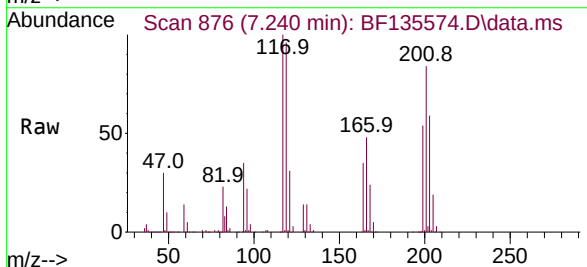
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

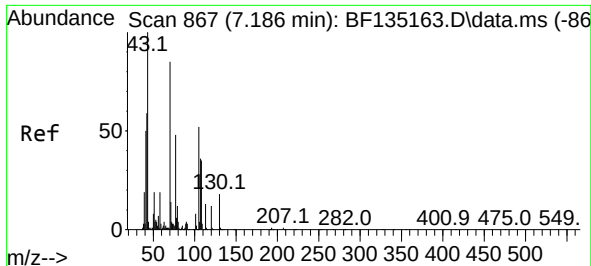
Tgt Ion:107 Resp: 287544
Ion Ratio Lower Upper
107 100
108 117.1 92.0 138.0
77 53.1 36.7 55.1
79 48.2 36.3 54.5



#18
Hexachloroethane
Concen: 37.963 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:117 Resp: 124380
Ion Ratio Lower Upper
117 100
119 95.9 74.7 112.1
201 83.5 81.8 122.8

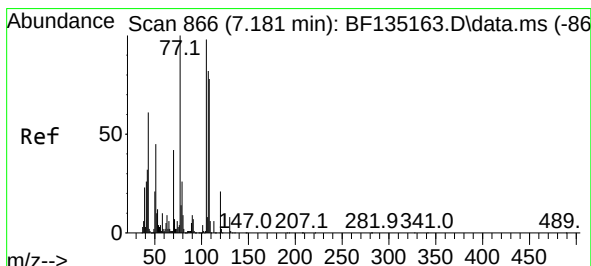
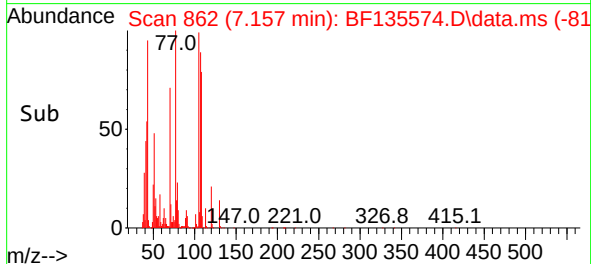
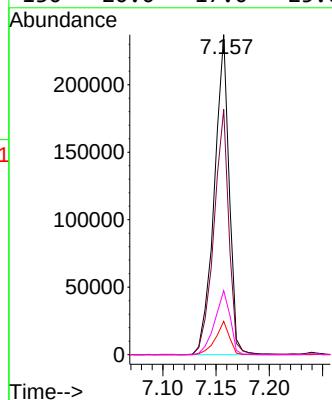
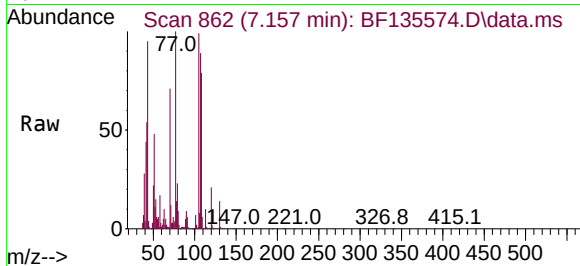




#19
n-Nitroso-di-n-propylamine
Concen: 36.216 ng
RT: 7.157 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

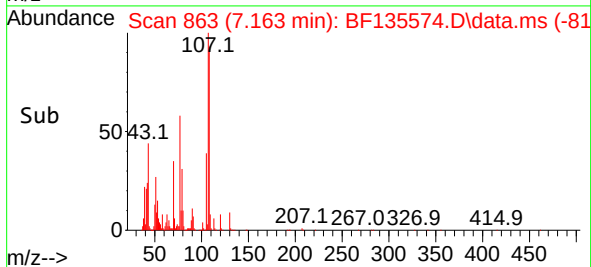
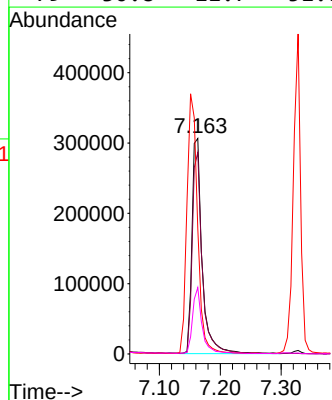
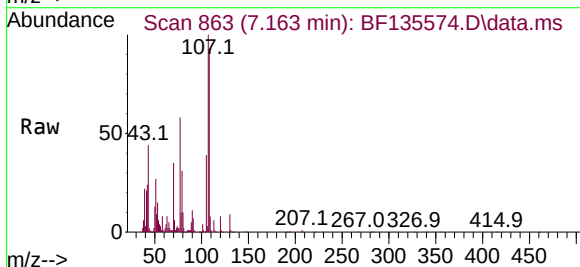
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

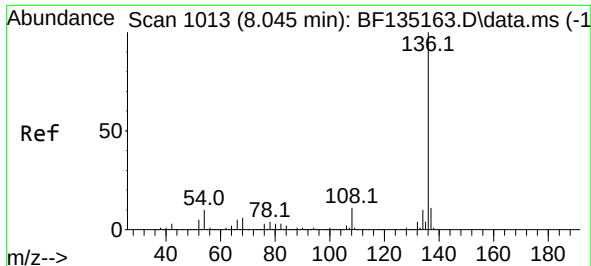
Tgt Ion: 70 Resp: 229146
Ion Ratio Lower Upper
70 100
42 76.7 55.4 83.0
101 10.4 7.7 11.5
130 20.0 17.0 25.6



#20
3+4-Methylphenols
Concen: 39.076 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion: 107 Resp: 355594
Ion Ratio Lower Upper
107 100
108 93.4 74.7 114.7
77 58.1 102.0 142.0#
79 30.8 11.7 51.7

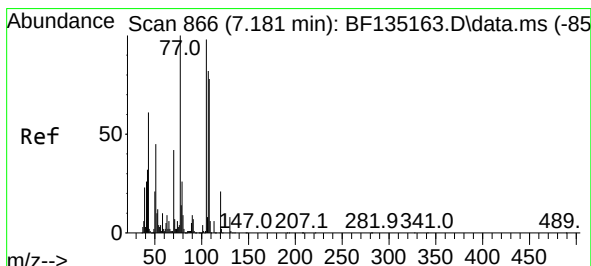
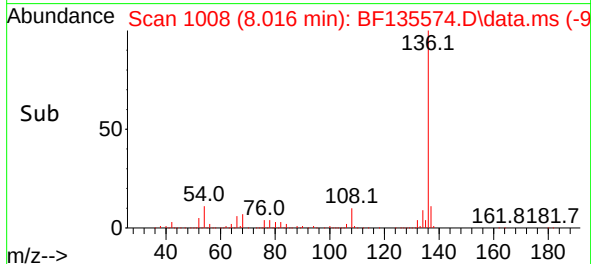
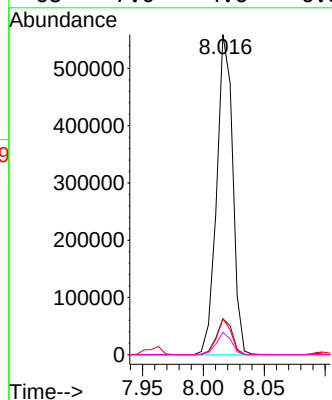
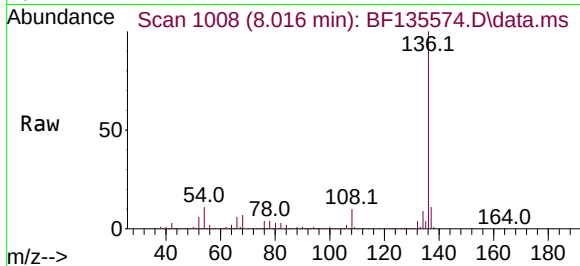




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

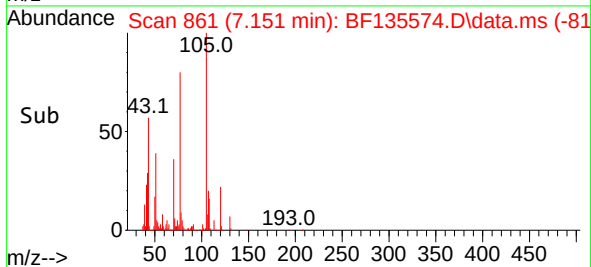
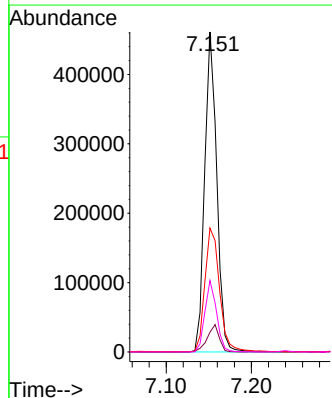
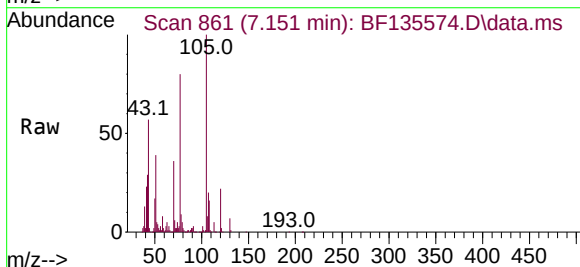
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

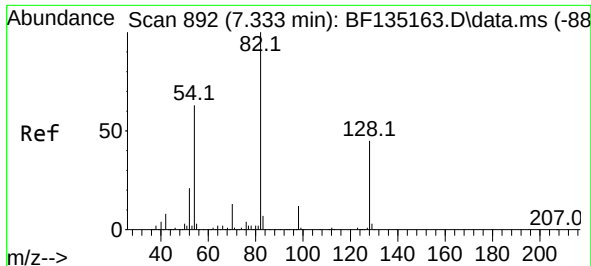
Tgt Ion:136 Resp: 511500
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 11.3 7.7 11.5
68 7.0 4.6 6.8#



#22
Acetophenone
Concen: 38.843 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:105 Resp: 454243
Ion Ratio Lower Upper
105 100
71 6.1 5.8 8.6
51 38.7 37.0 55.4
120 22.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.759 ng

RT: 7.310 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

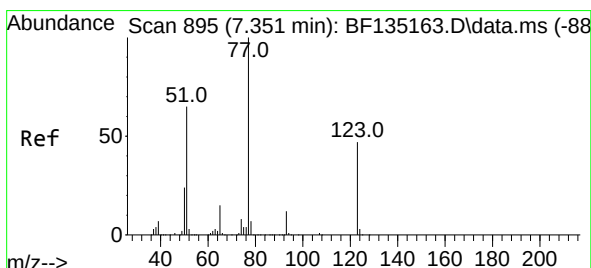
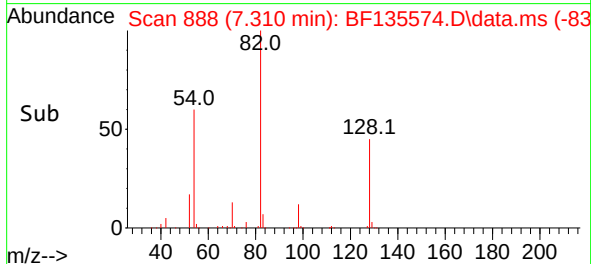
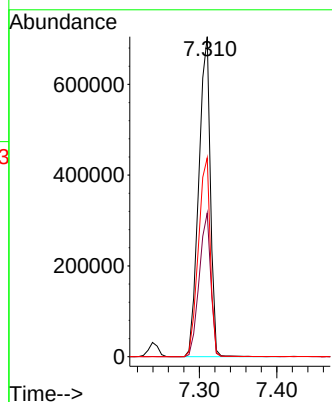
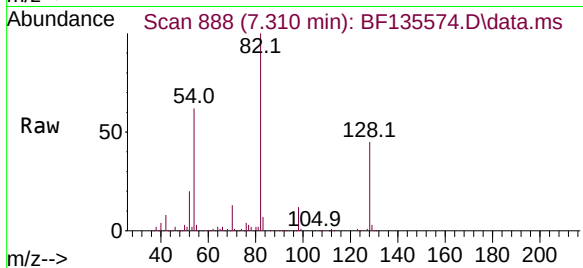
Tgt Ion: 82 Resp: 732086

Ion Ratio Lower Upper

82 100

128 44.9 35.8 53.6

54 62.1 50.6 76.0



#24

Nitrobenzene

Concen: 40.525 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

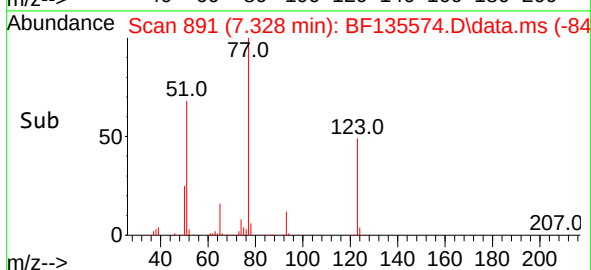
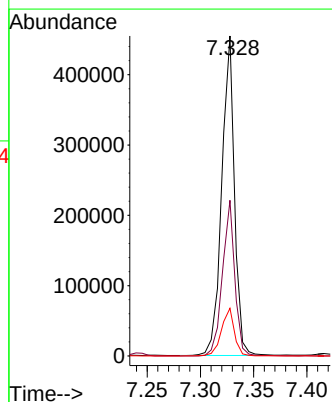
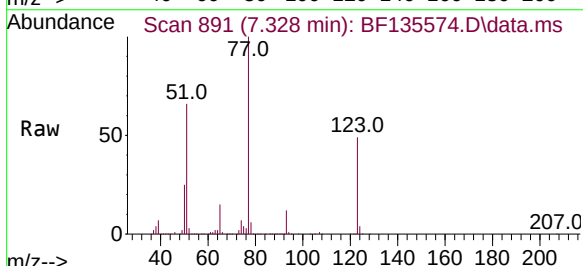
Tgt Ion: 77 Resp: 377104

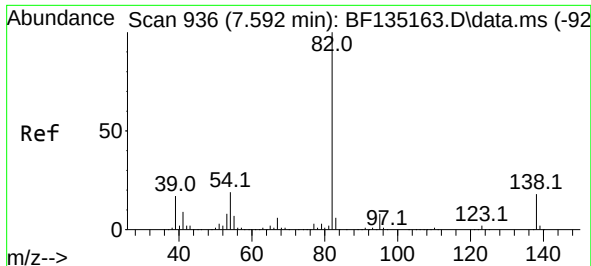
Ion Ratio Lower Upper

77 100

123 48.6 37.6 56.4

65 14.9 12.2 18.4

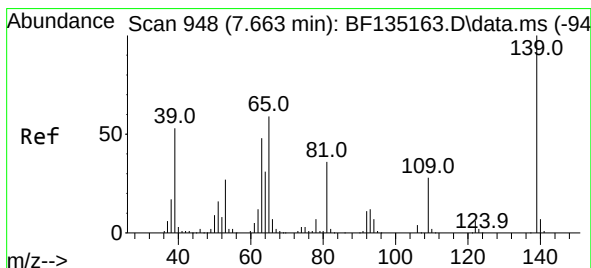
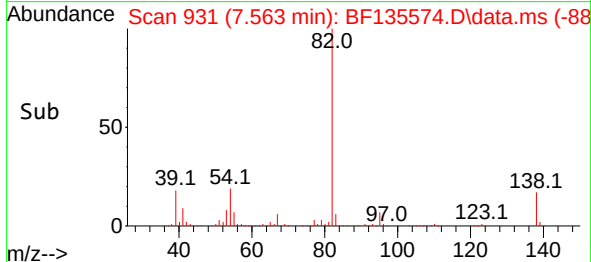
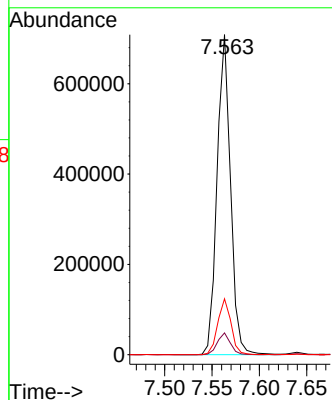
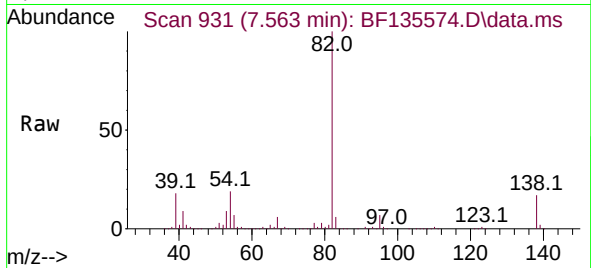




#25
Isophorone
Concen: 40.387 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

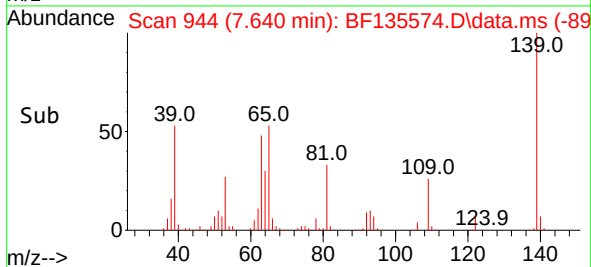
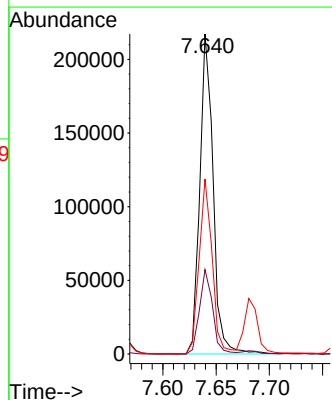
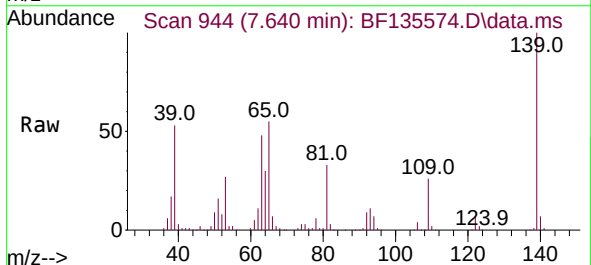
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

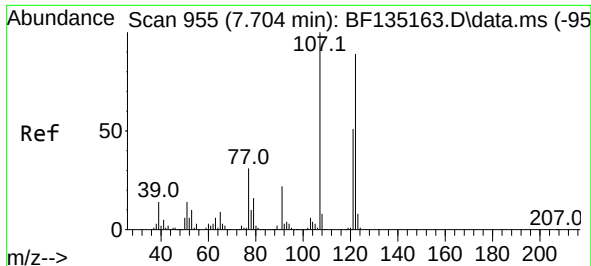
Tgt Ion: 82 Resp: 698216
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.5 14.5 21.7



#26
2-Nitrophenol
Concen: 42.409 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:139 Resp: 189407
Ion Ratio Lower Upper
139 100
109 26.4 22.6 33.8
65 54.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.132 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135574.D

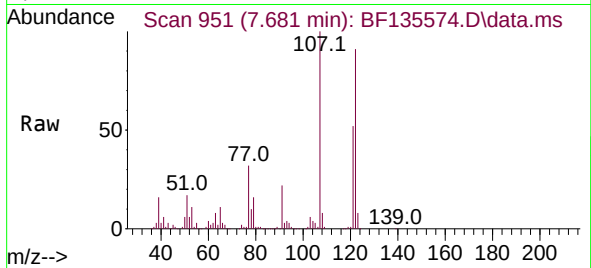
Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



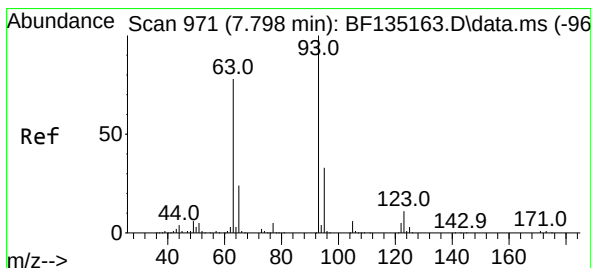
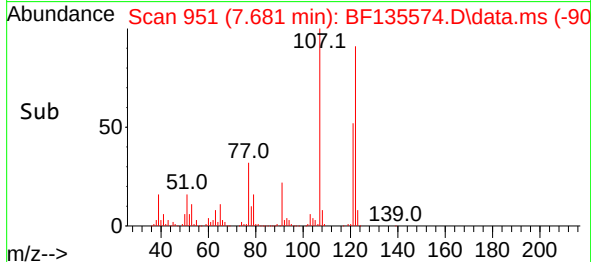
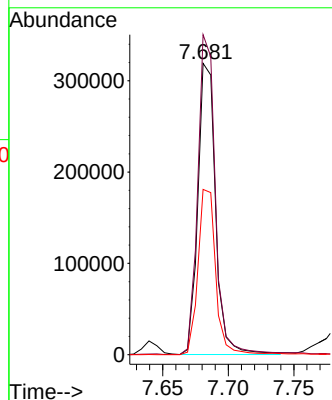
Tgt Ion:122 Resp: 301275

Ion Ratio Lower Upper

122 100

107 109.8 90.2 135.4

121 56.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.374 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

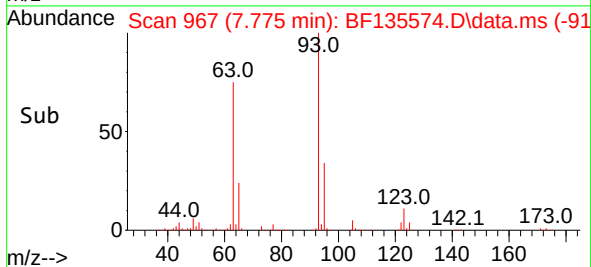
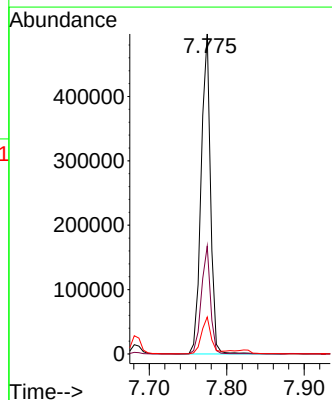
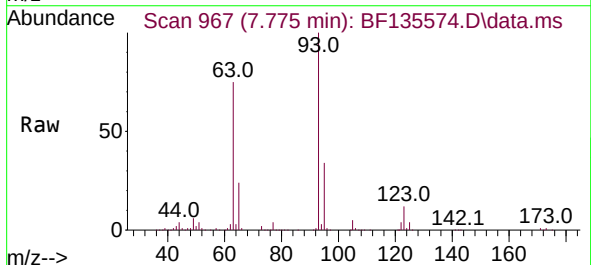
Tgt Ion: 93 Resp: 417767

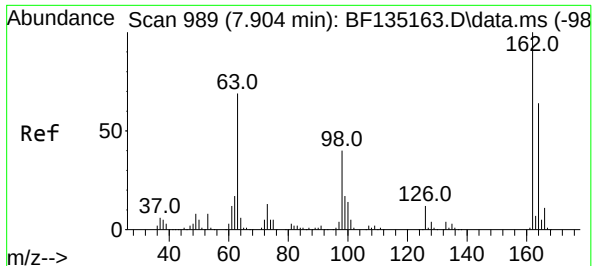
Ion Ratio Lower Upper

93 100

95 33.7 26.2 39.2

123 11.5 8.8 13.2

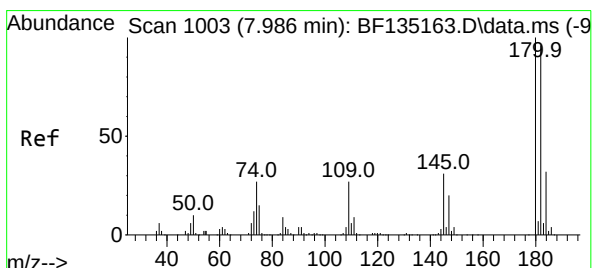
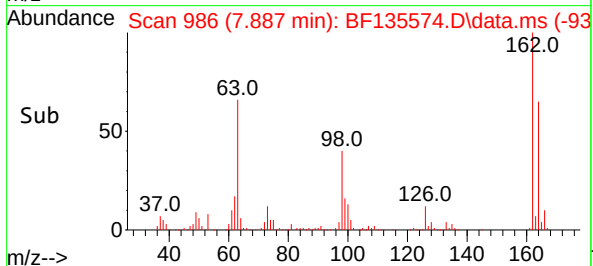
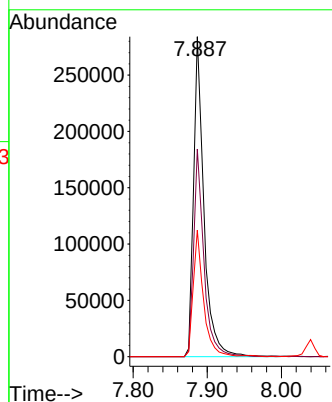
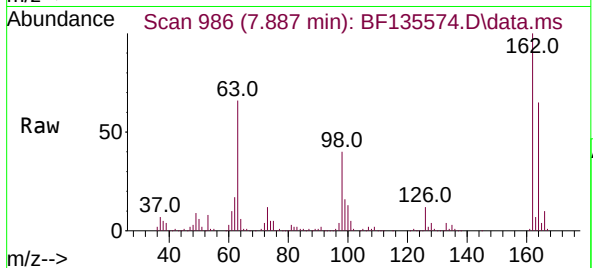




#29
2,4-Dichlorophenol
Concen: 39.869 ng
RT: 7.887 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

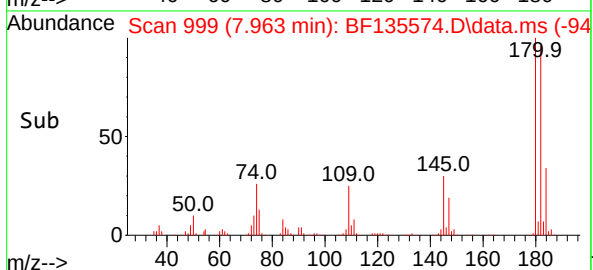
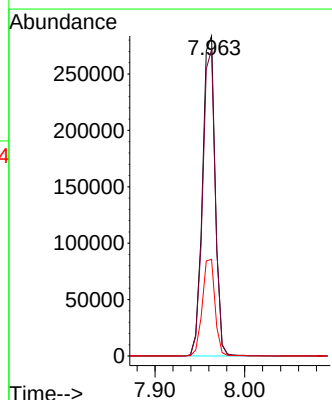
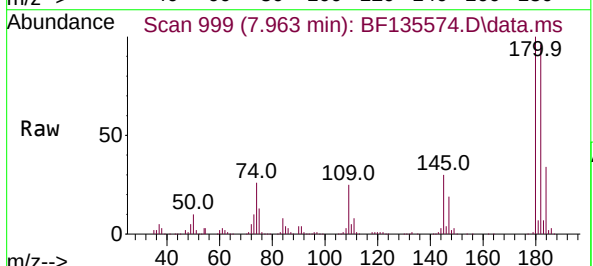
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

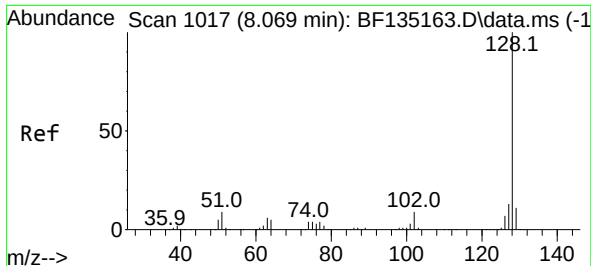
Tgt Ion:162 Resp: 277336
Ion Ratio Lower Upper
162 100
164 64.9 44.1 84.1
98 39.5 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 38.194 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:180 Resp: 277698
Ion Ratio Lower Upper
180 100
182 95.8 76.9 115.3
145 30.2 24.5 36.7

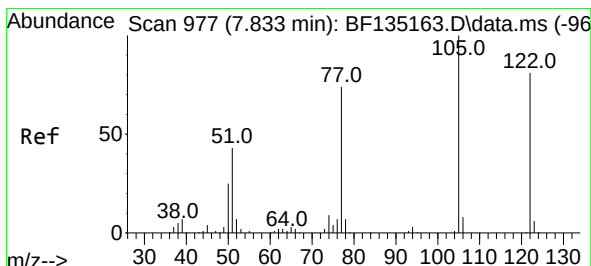
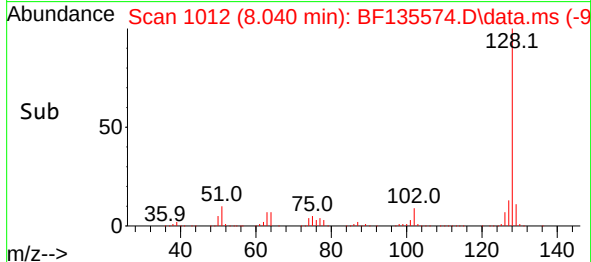
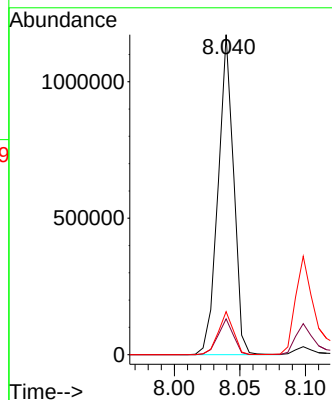
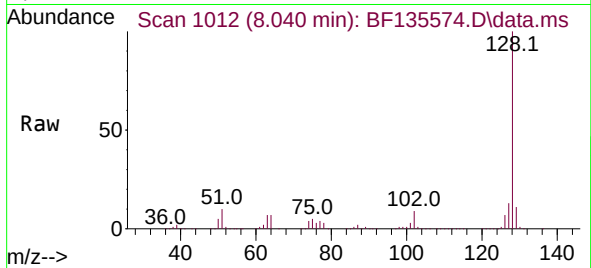




#31
Naphthalene
Concen: 38.765 ng
RT: 8.040 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

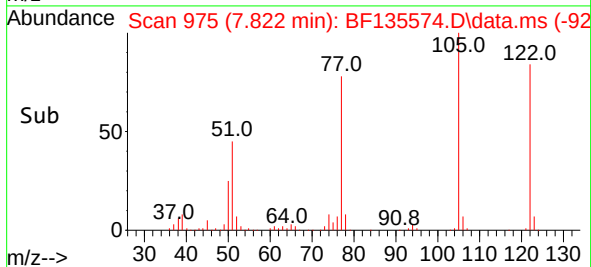
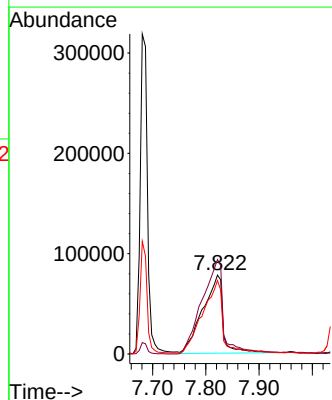
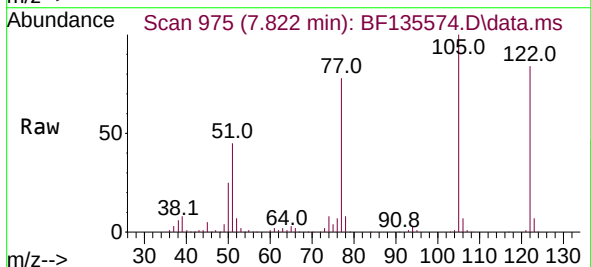
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

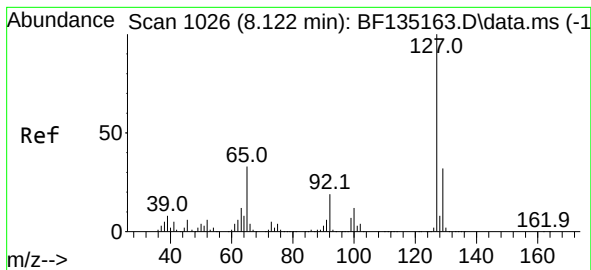
Tgt Ion:128 Resp: 963395
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 36.792 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:122 Resp: 207979
Ion Ratio Lower Upper
122 100
105 119.6 99.9 139.9
77 93.1 70.0 110.0





#33

4-Chloroaniline

Concen: 40.520 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 441820

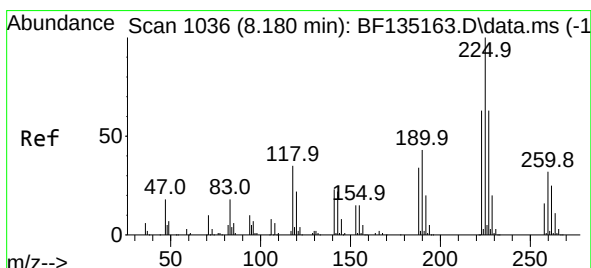
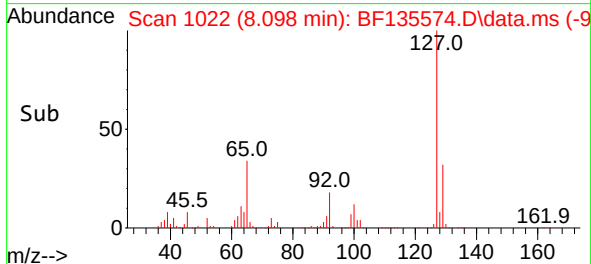
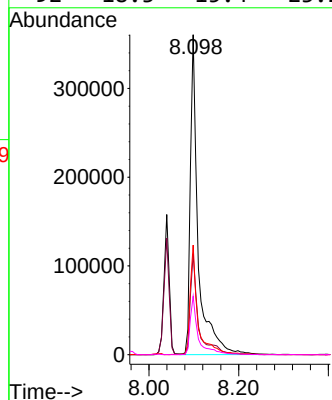
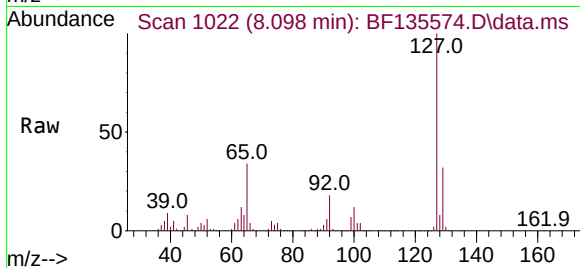
Ion Ratio Lower Upper

127 100

129 31.5 25.8 38.8

65 34.3 26.6 39.8

92 18.3 15.4 23.2



#34

Hexachlorobutadiene

Concen: 35.667 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

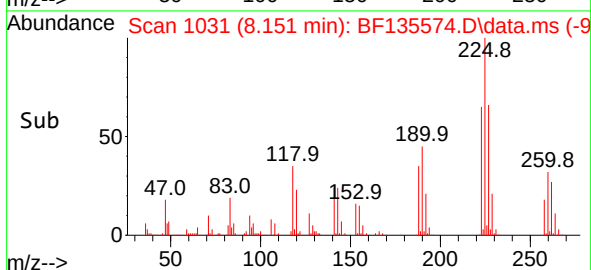
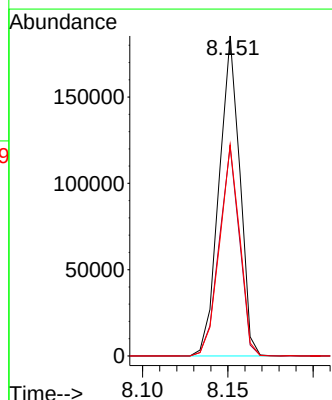
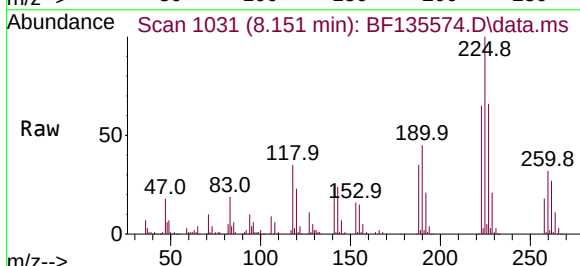
Tgt Ion:225 Resp: 156369

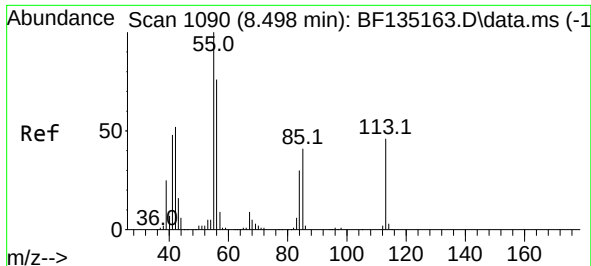
Ion Ratio Lower Upper

225 100

223 65.5 50.6 75.8

227 66.0 50.8 76.2

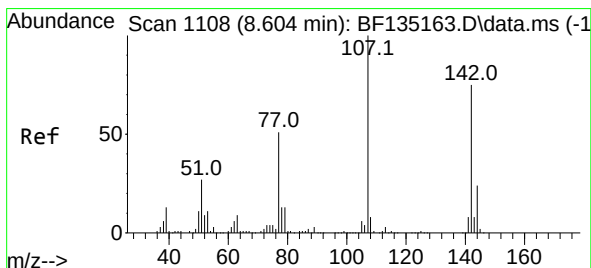
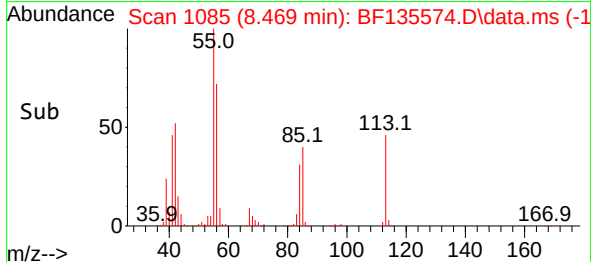
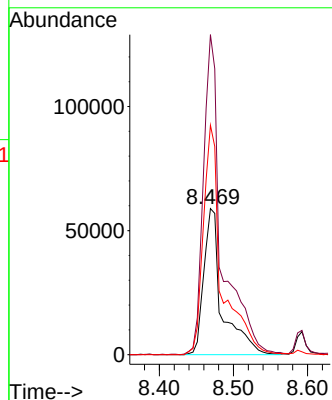
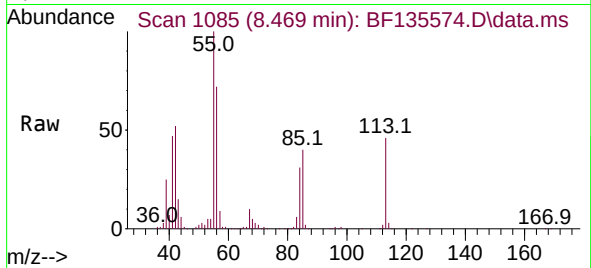




#35
 Caprolactam
 Concen: 43.503 ng
 RT: 8.469 min Scan# 1106
 Delta R.T. 0.000 min
 Lab File: BF135574.D
 Acq: 04 Oct 2023 16:40

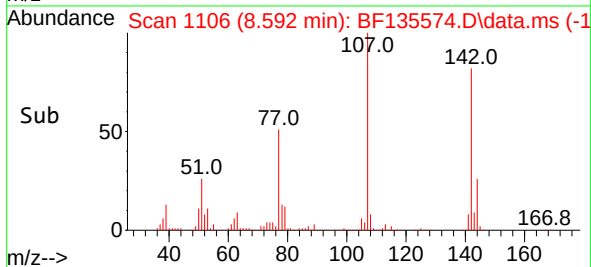
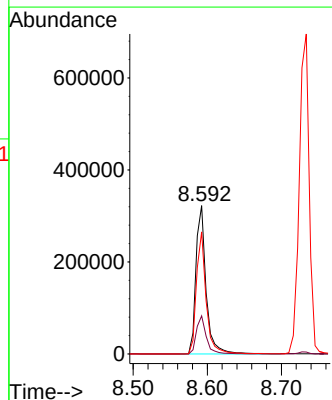
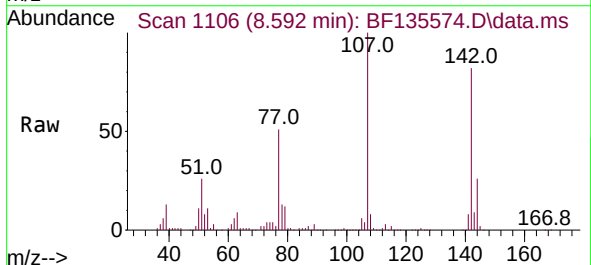
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

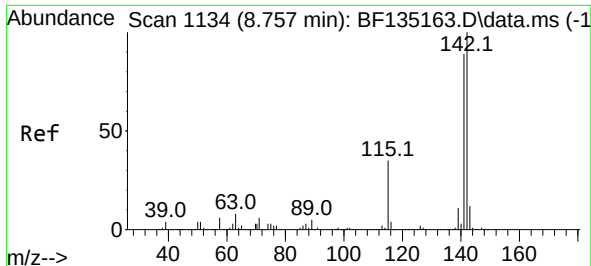
Tgt Ion:113 Resp: 101562
 Ion Ratio Lower Upper
 113 100
 55 219.1 199.3 239.3
 56 157.1 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.615 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF135574.D
 Acq: 04 Oct 2023 16:40

Tgt Ion:107 Resp: 306276
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.0 28.4
 142 82.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.709 ng

RT: 8.734 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

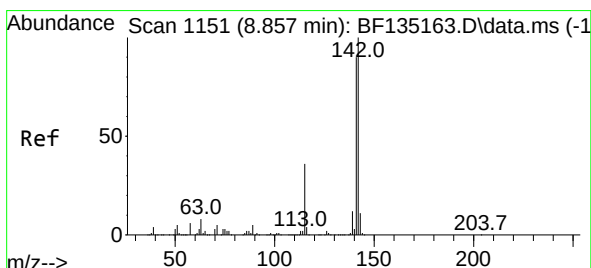
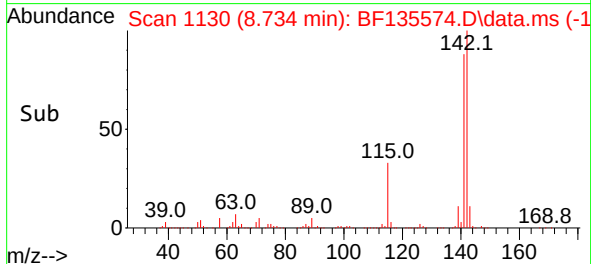
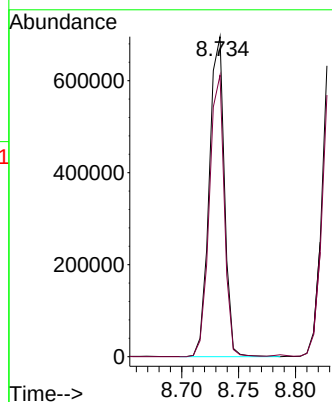
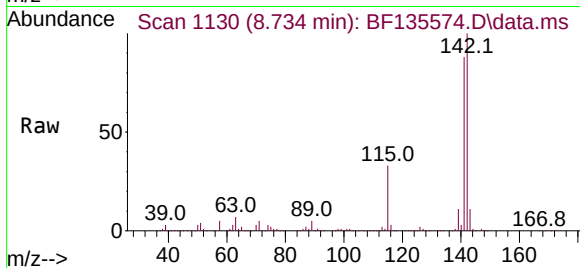
SSTDCCC040EC

Tgt Ion:142 Resp: 646659

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 37.884 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF135574.D

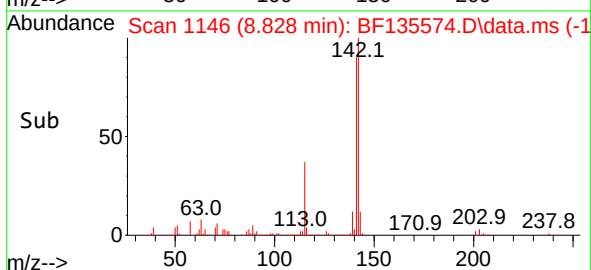
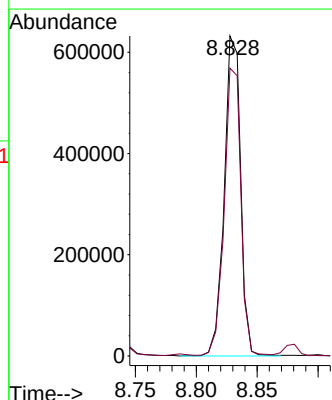
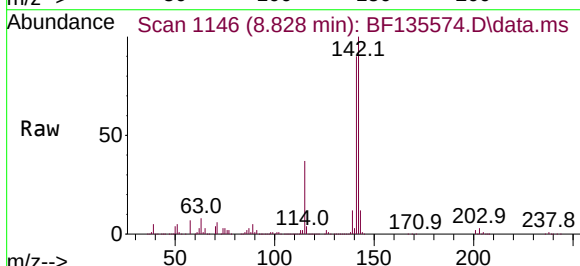
Acq: 04 Oct 2023 16:40

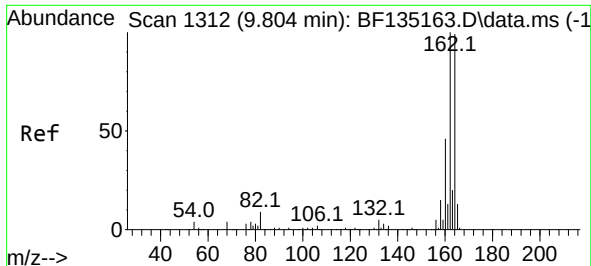
Tgt Ion:142 Resp: 592529

Ion Ratio Lower Upper

142 100

141 89.9 72.4 108.6

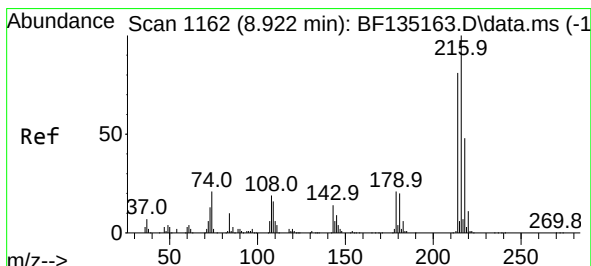
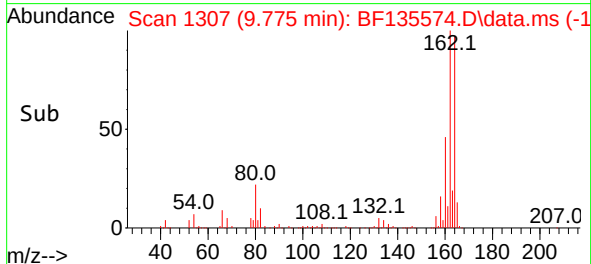
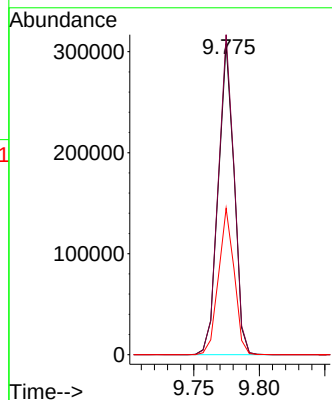
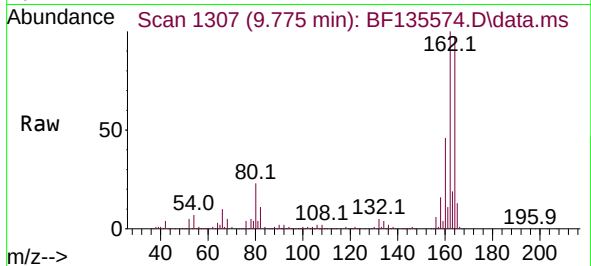




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

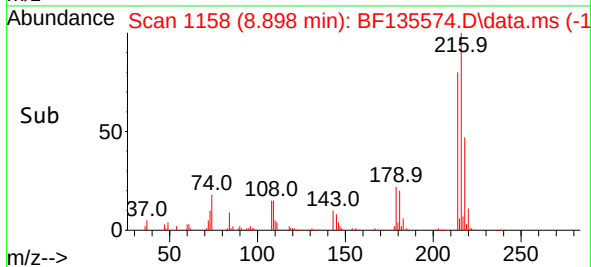
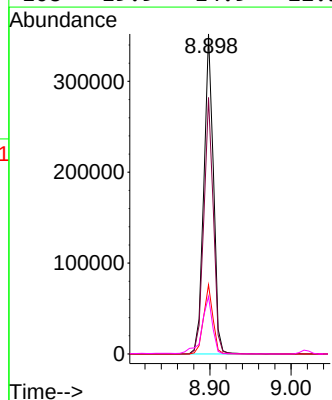
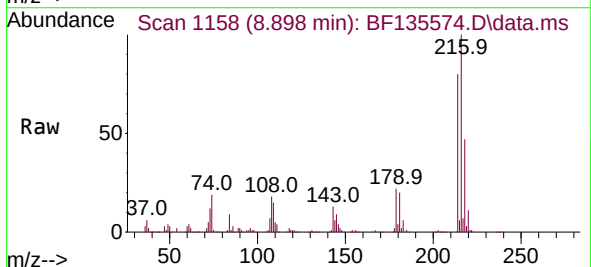
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

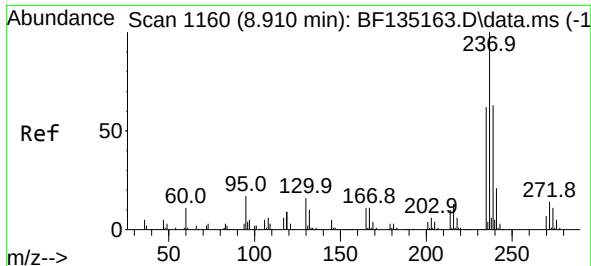
Tgt Ion:164 Resp: 257607
Ion Ratio Lower Upper
164 100
162 103.0 81.0 121.4
160 47.1 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.611 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:216 Resp: 288158
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 20.9 16.7 25.1
108 19.9 14.9 22.3

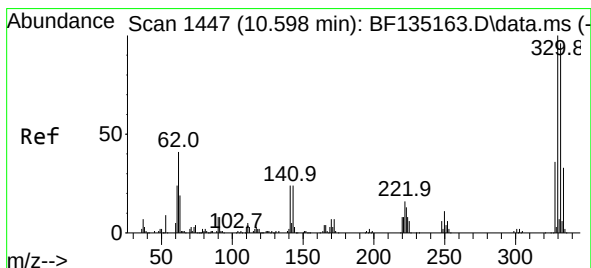
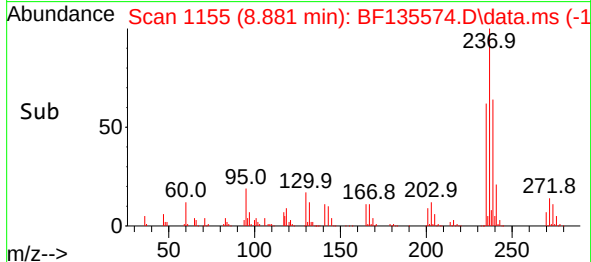
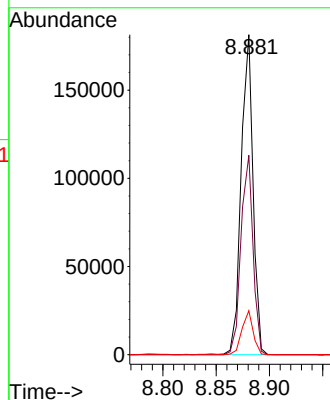
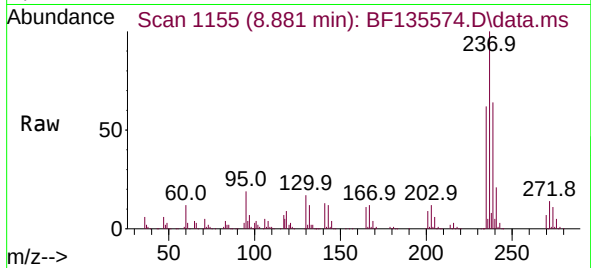




#41
Hexachlorocyclopentadiene
Concen: 46.398 ng
RT: 8.881 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

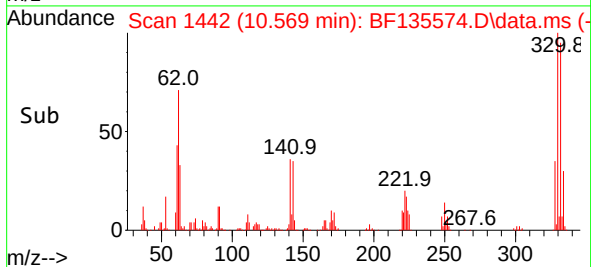
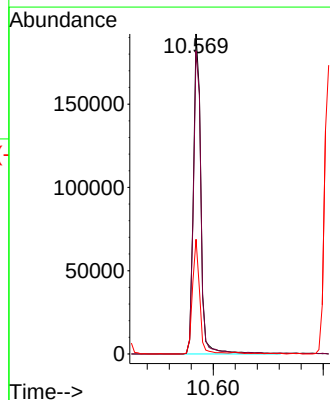
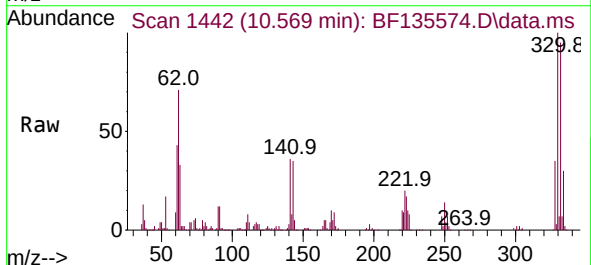
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

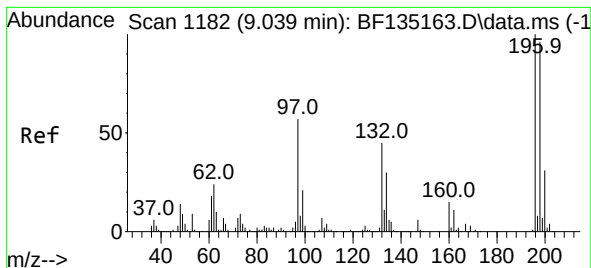
Tgt Ion:237 Resp: 141340
Ion Ratio Lower Upper
237 100
235 62.3 41.8 81.8
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 70.353 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:330 Resp: 180104
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 34.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 37.973 ng

RT: 9.016 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

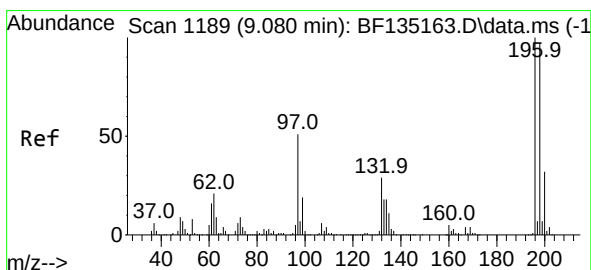
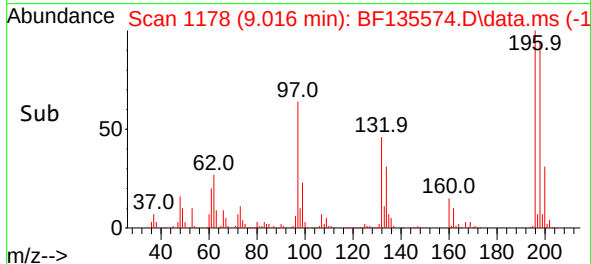
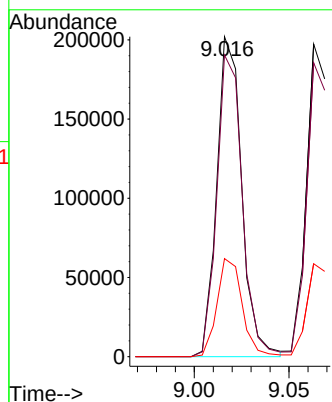
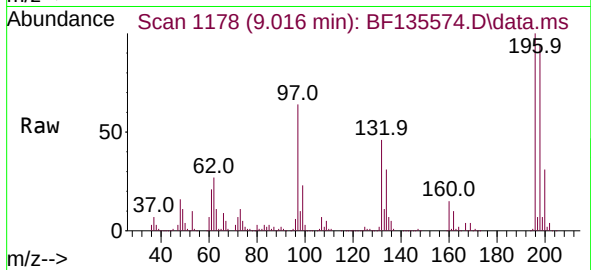
Tgt Ion:196 Resp: 185552

Ion Ratio Lower Upper

196 100

198 94.2 77.0 115.6

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 38.371 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Tgt Ion:196 Resp: 215923

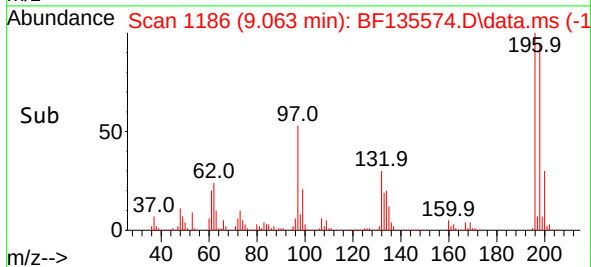
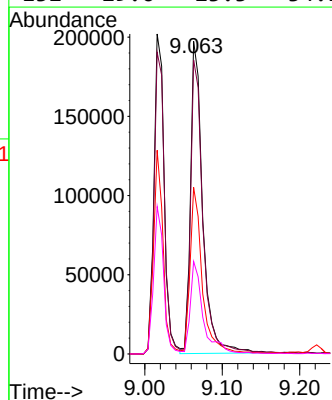
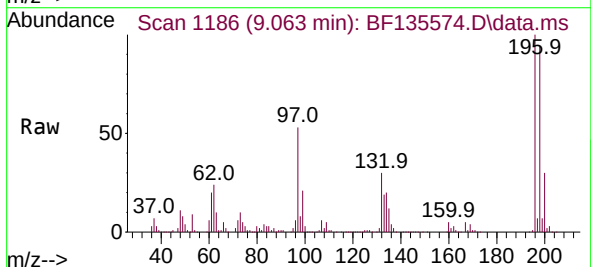
Ion Ratio Lower Upper

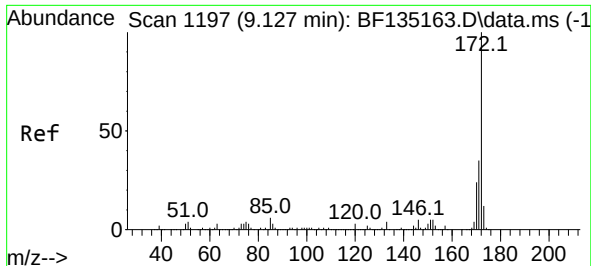
196 100

198 94.0 77.5 116.3

97 53.3 40.5 60.7

132 29.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.749 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

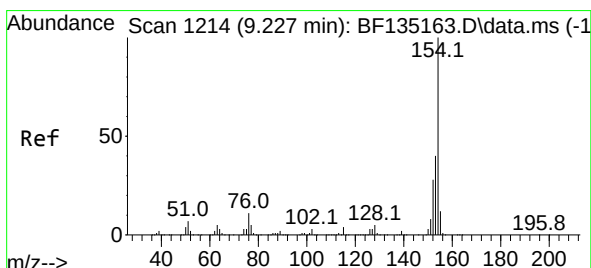
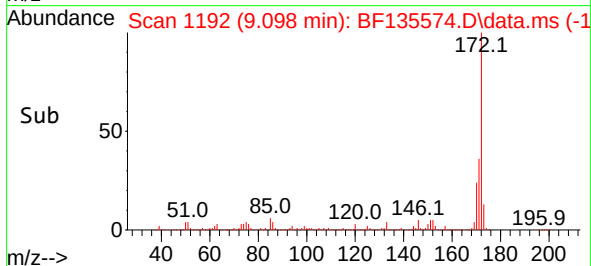
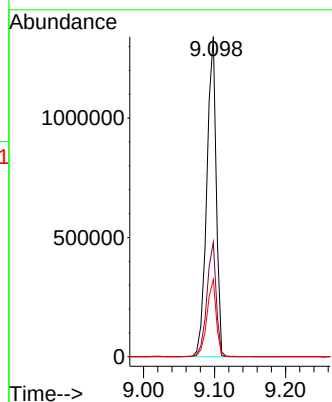
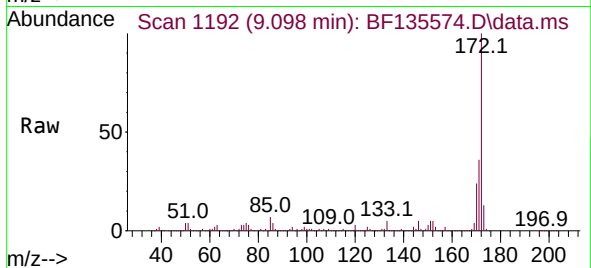
Tgt Ion:172 Resp: 1242159

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 38.760 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

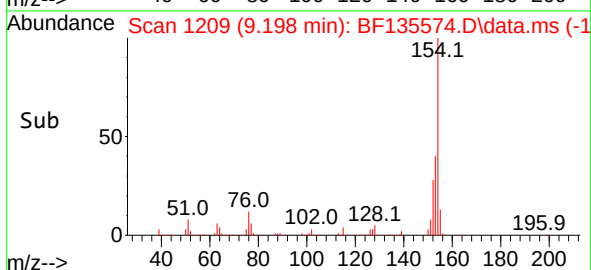
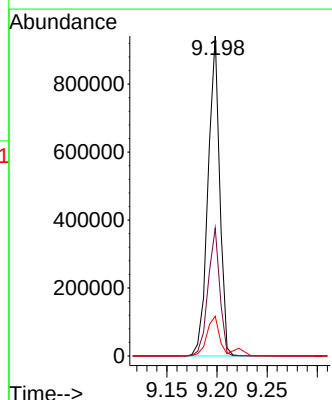
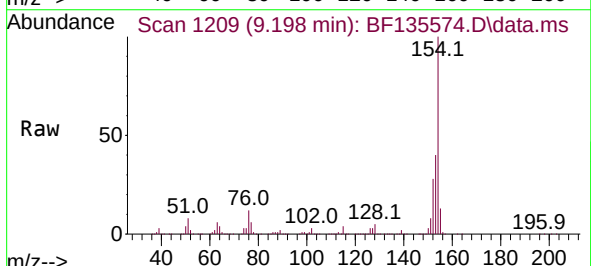
Tgt Ion:154 Resp: 767322

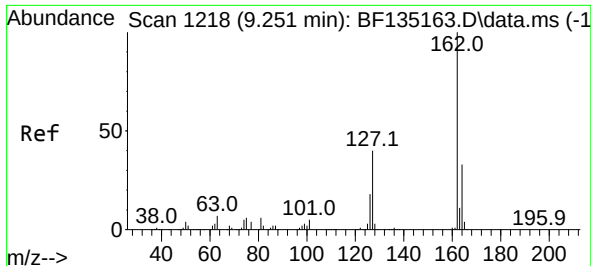
Ion Ratio Lower Upper

154 100

153 40.0 19.6 59.6

76 12.4 0.0 31.0

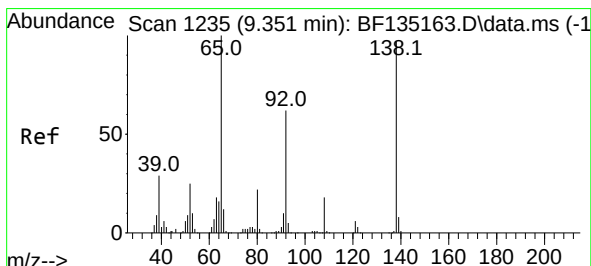
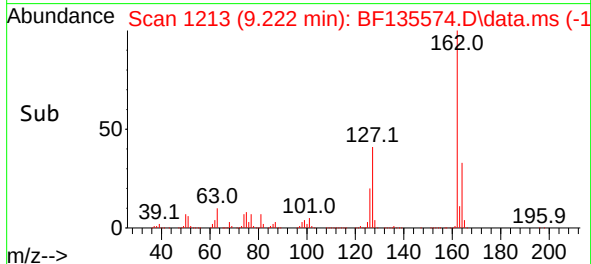
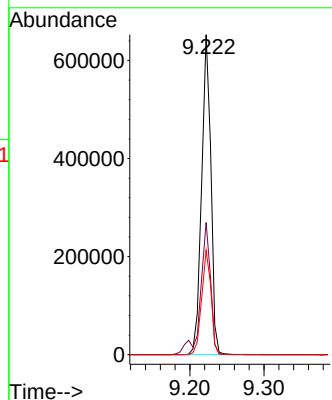
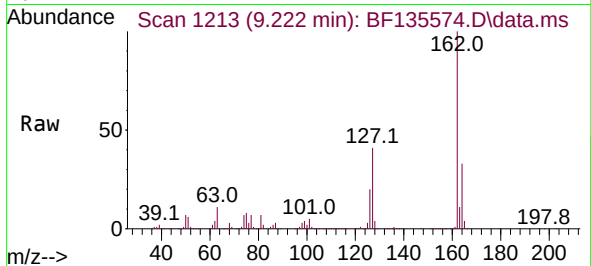




#47
2-Chloronaphthalene
Concen: 39.346 ng
RT: 9.222 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

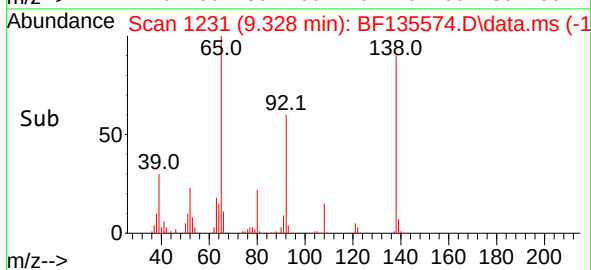
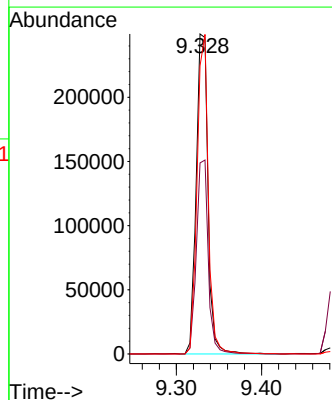
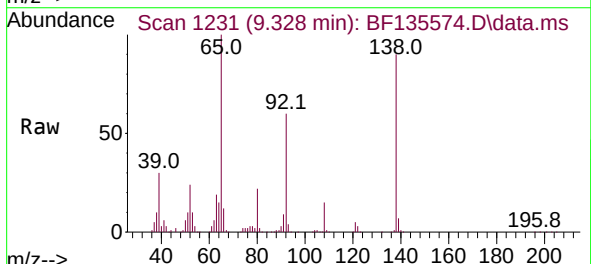
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

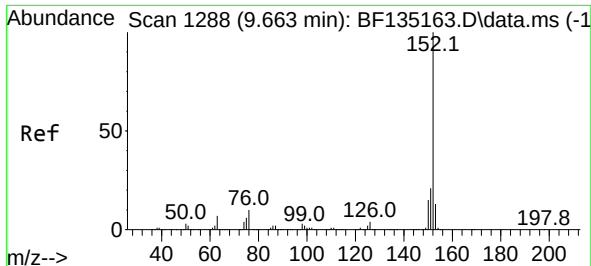
Tgt Ion:162 Resp: 565154
Ion Ratio Lower Upper
162 100
127 41.3 32.6 48.8
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 43.039 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion: 65 Resp: 240170
Ion Ratio Lower Upper
65 100
92 59.7 49.4 74.0
138 90.1 77.4 116.0





#49

Acenaphthylene

Concen: 38.013 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

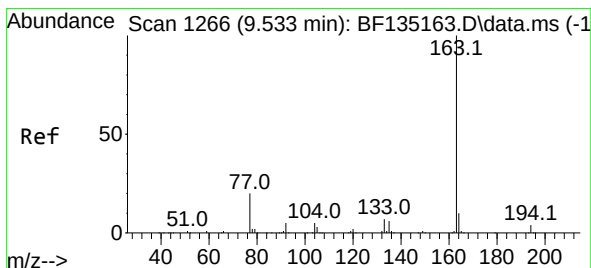
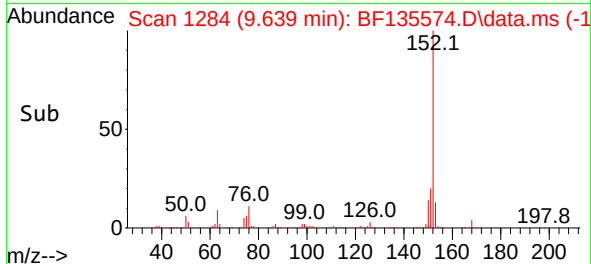
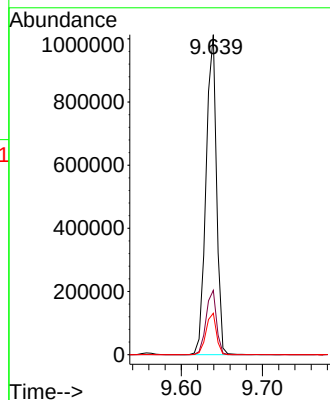
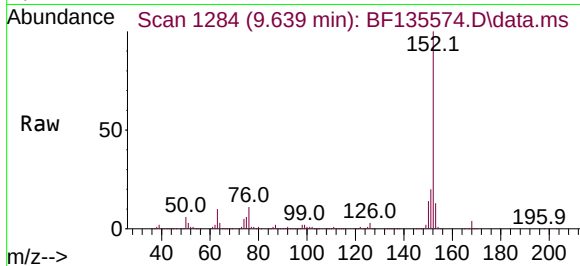
Tgt Ion:152 Resp: 907426

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 39.813 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

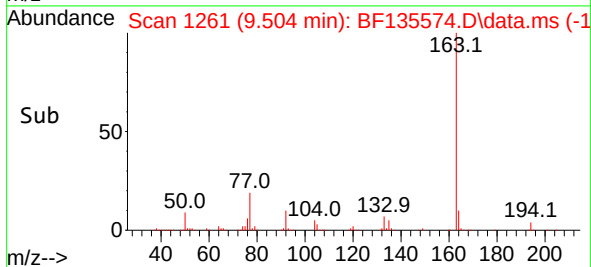
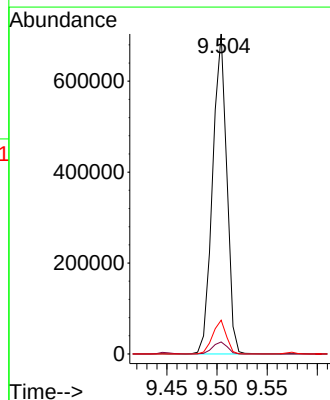
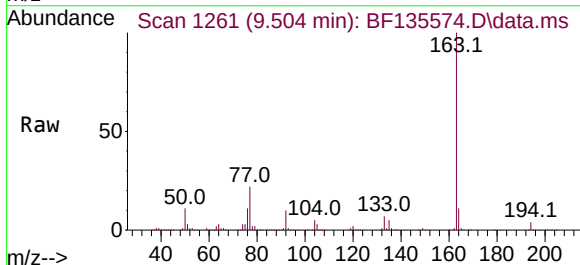
Tgt Ion:163 Resp: 693413

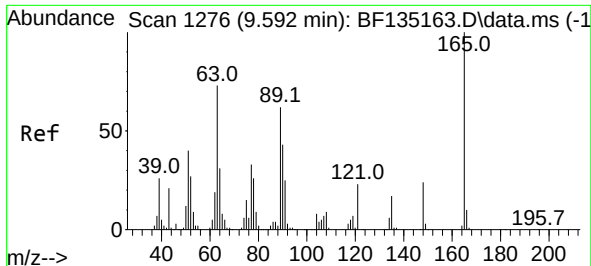
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.5 8.1 12.1

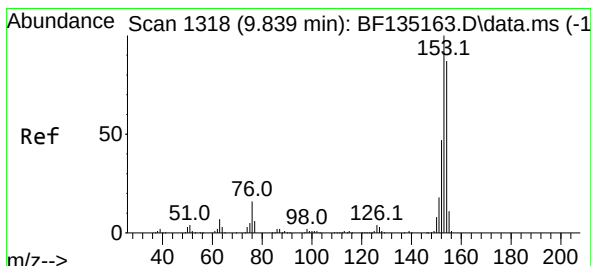
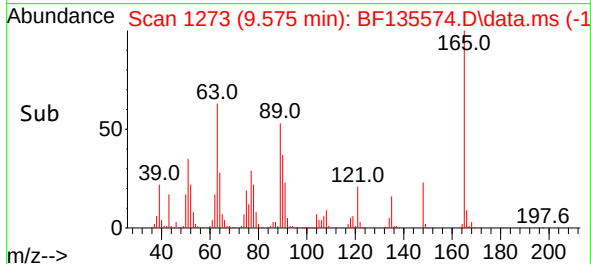
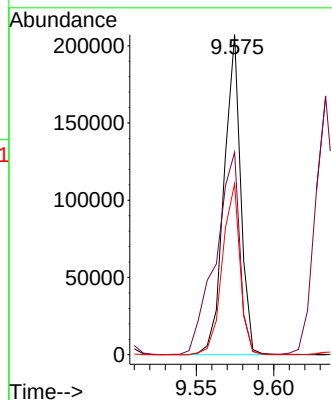
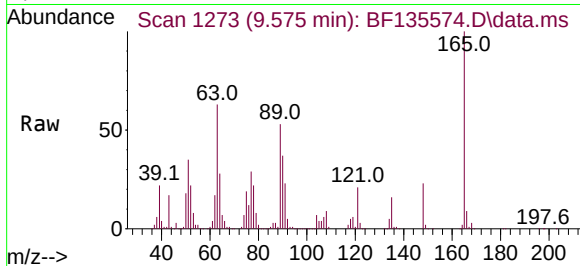




#51
2,6-Dinitrotoluene
Concen: 40.488 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

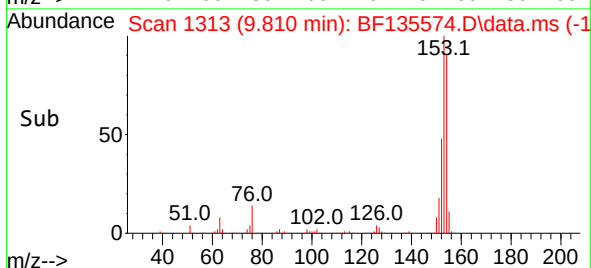
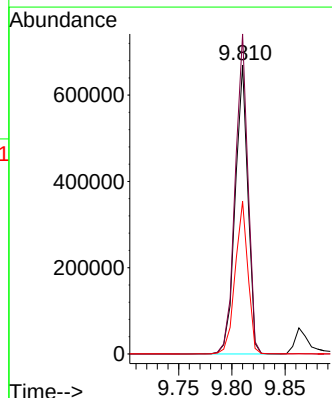
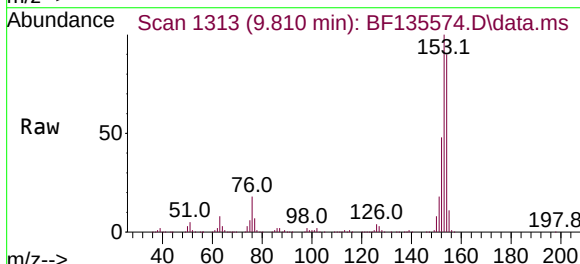
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

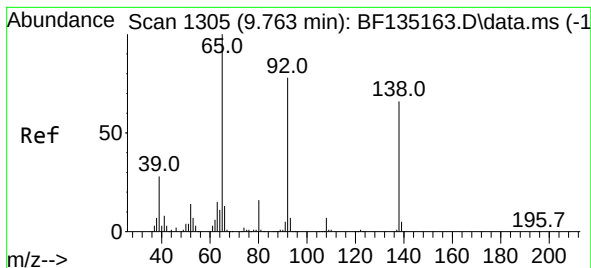
Tgt Ion:165 Resp: 154480
Ion Ratio Lower Upper
165 100
63 63.3 59.4 89.2
89 53.4 49.8 74.8



#52
Acenaphthene
Concen: 39.608 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:154 Resp: 558541
Ion Ratio Lower Upper
154 100
153 110.7 92.1 138.1
152 52.8 43.1 64.7





#53

3-Nitroaniline

Concen: 41.475 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

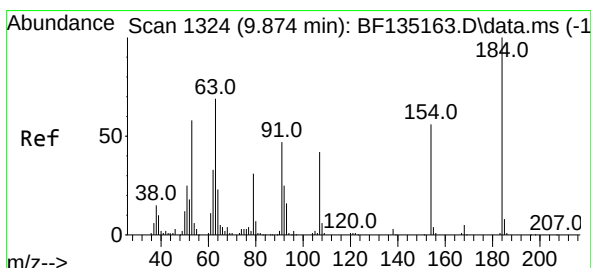
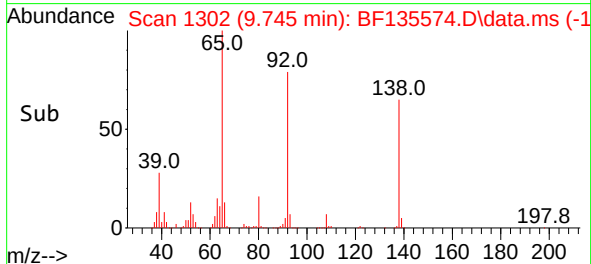
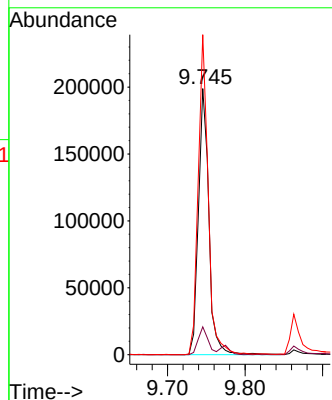
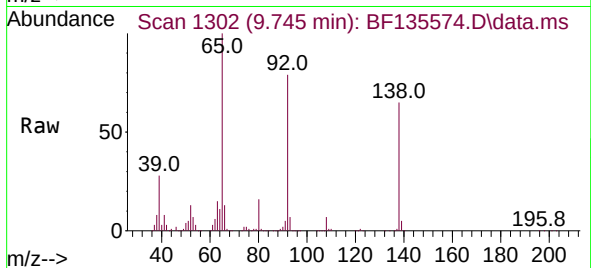
Tgt Ion:138 Resp: 185756

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

92 120.2 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 53.984 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

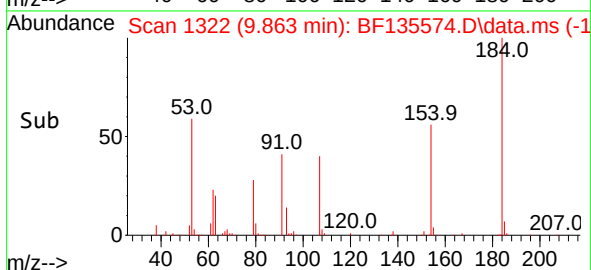
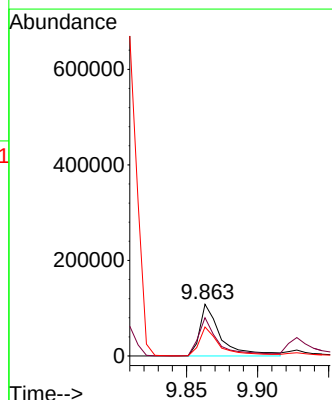
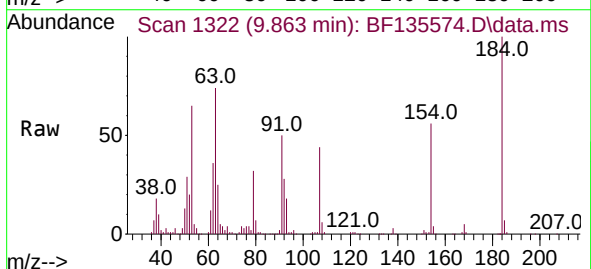
Tgt Ion:184 Resp: 112156

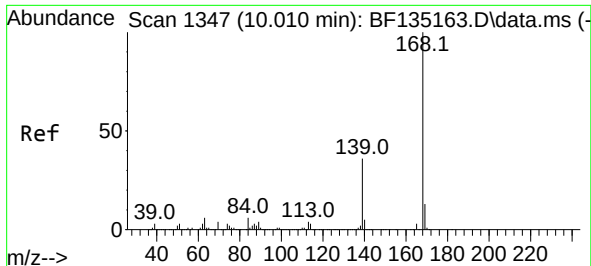
Ion Ratio Lower Upper

184 100

63 74.1 55.1 82.7

154 56.0 48.4 72.6

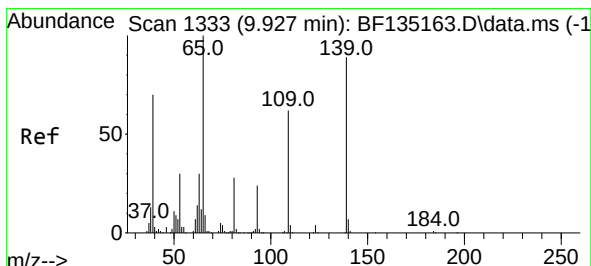
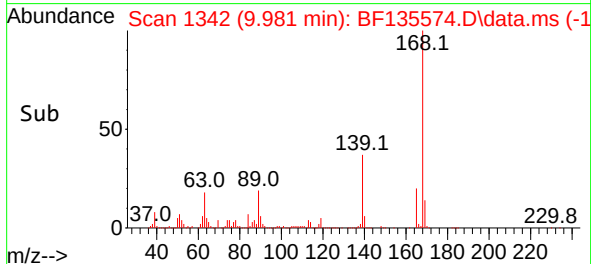
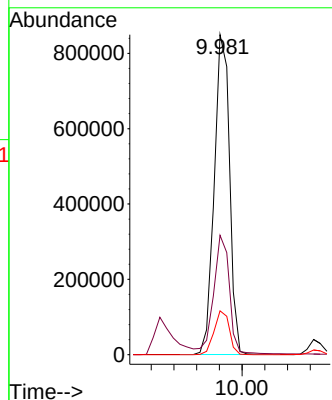
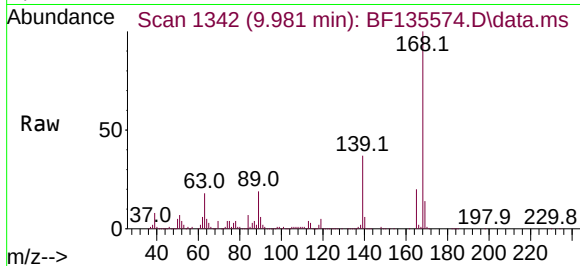




#55
Dibenzenofuran
Concen: 36.998 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

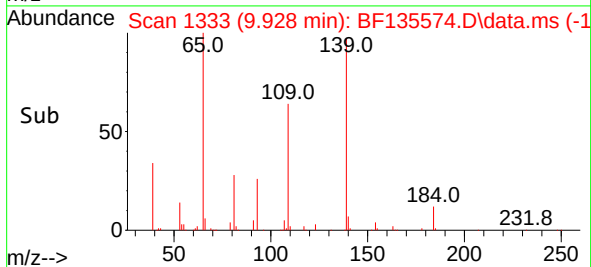
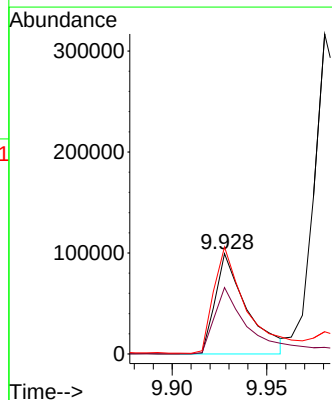
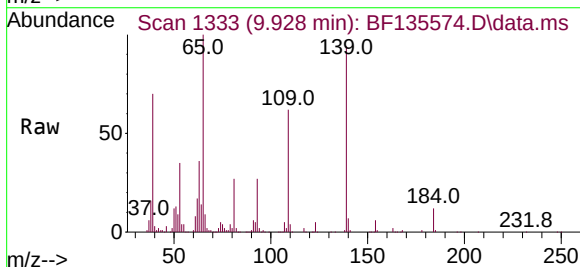
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

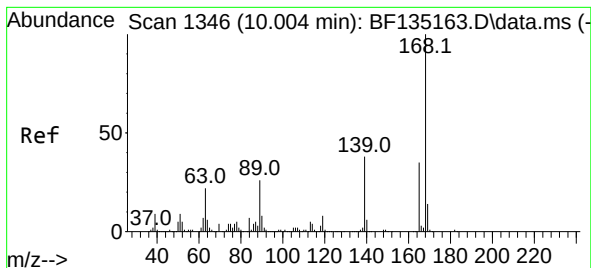
Tgt Ion:168 Resp: 796163
Ion Ratio Lower Upper
168 100
139 37.3 29.0 43.6
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 40.184 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:139 Resp: 114383
Ion Ratio Lower Upper
139 100
109 66.2 49.8 89.8
65 106.8 92.7 132.7

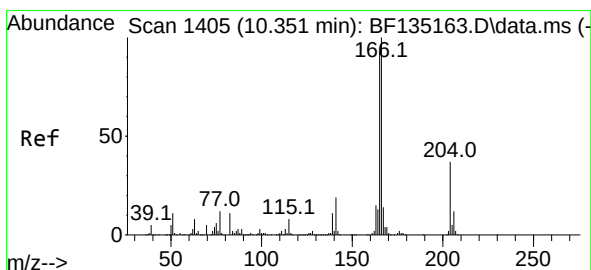
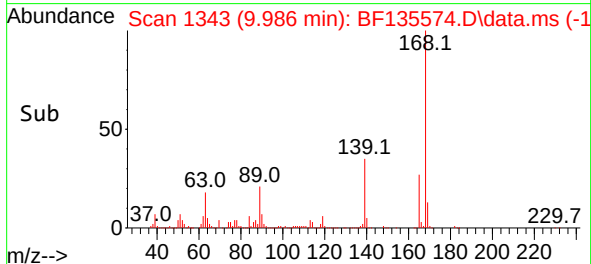
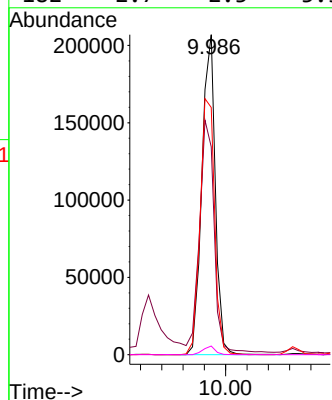
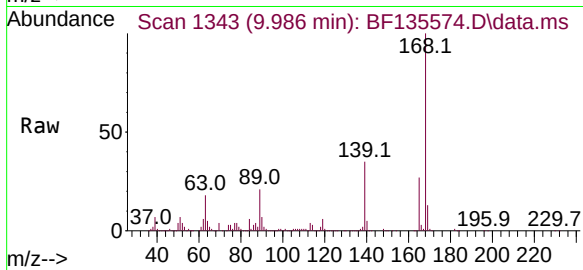




#57
2,4-Dinitrotoluene
Concen: 37.942 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

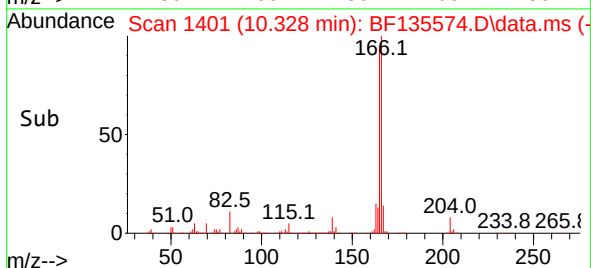
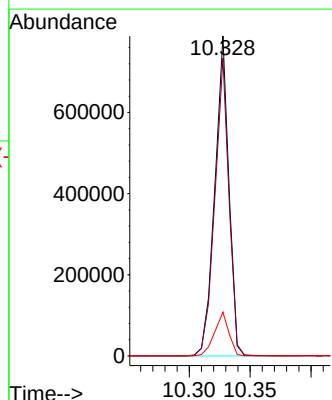
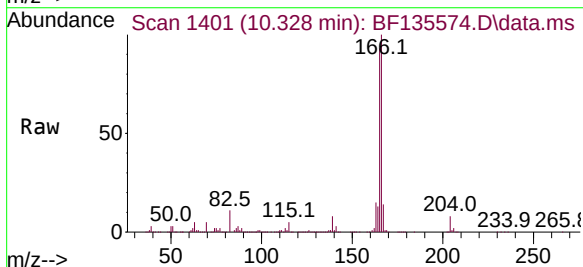
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

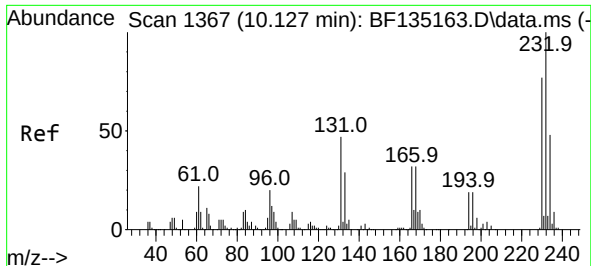
Tgt Ion:165 Resp: 181233
Ion Ratio Lower Upper
165 100
63 65.0 50.1 75.1
89 77.2 59.3 88.9
182 2.7 2.3 3.5



#58
Fluorene
Concen: 38.439 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:166 Resp: 635909
Ion Ratio Lower Upper
166 100
165 93.1 74.3 111.5
167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.658 ng

RT: 10.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:232 Resp: 158681

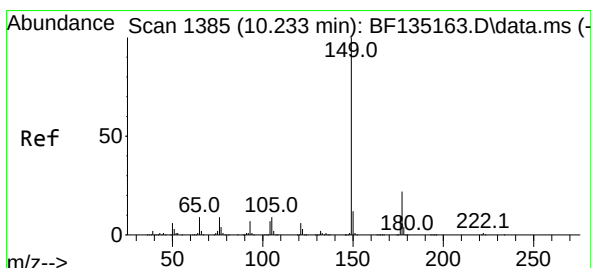
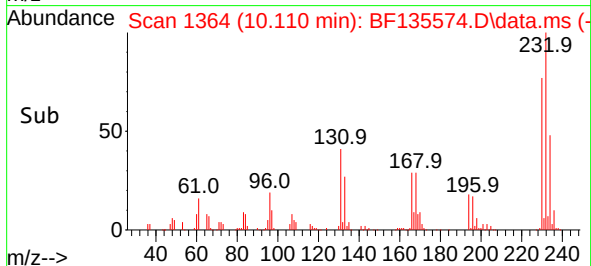
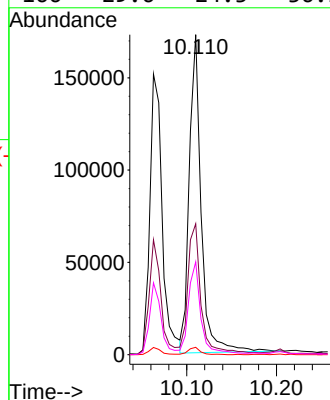
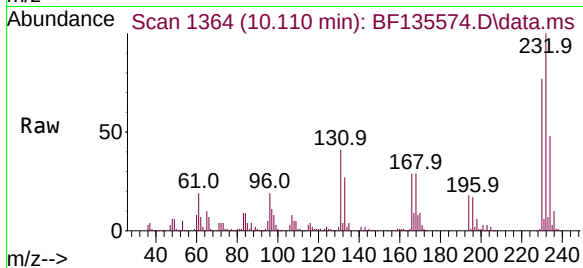
Ion Ratio Lower Upper

232 100

131 44.5 35.4 53.2

130 2.5 1.8 2.8

166 29.6 24.3 36.5



#60

Diethylphthalate

Concen: 39.290 ng

RT: 10.204 min Scan# 1380

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

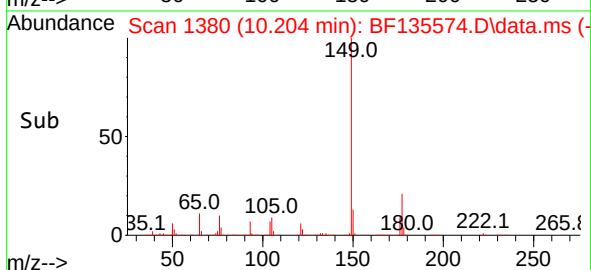
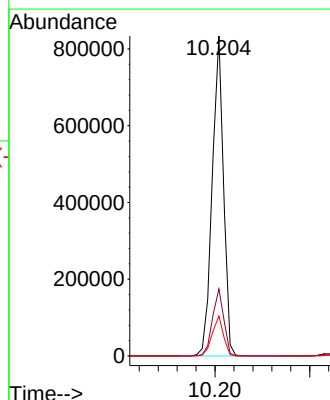
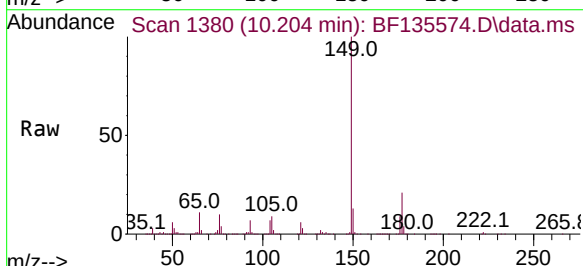
Tgt Ion:149 Resp: 686771

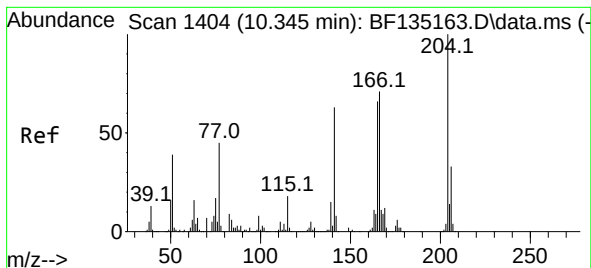
Ion Ratio Lower Upper

149 100

177 21.0 17.8 26.6

150 12.5 10.0 15.0

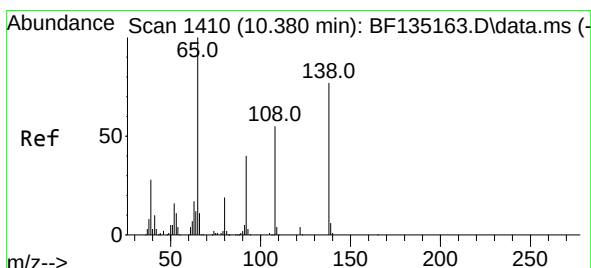
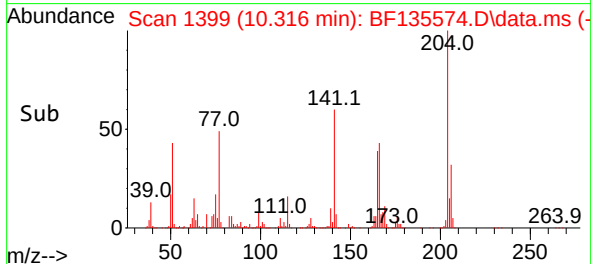
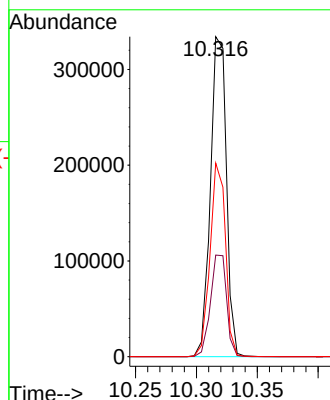
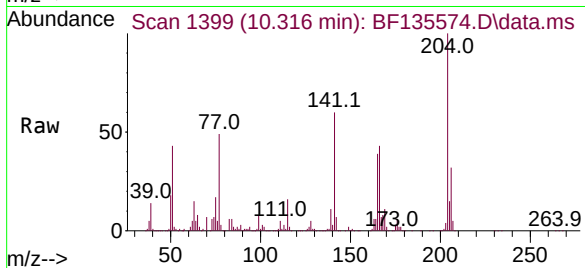




#61
4-Chlorophenyl-phenylether
Concen: 38.307 ng
RT: 10.316 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

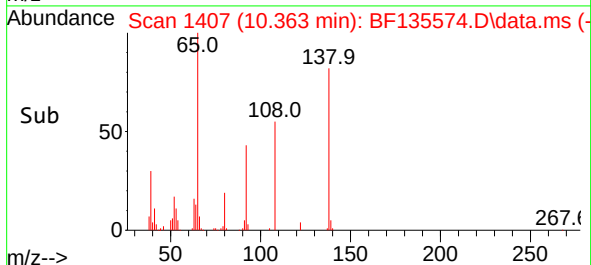
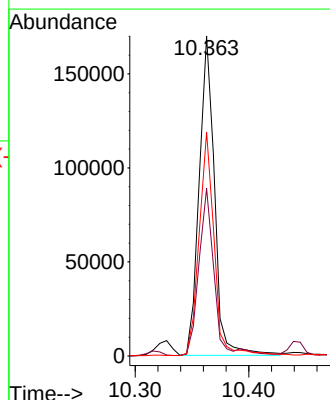
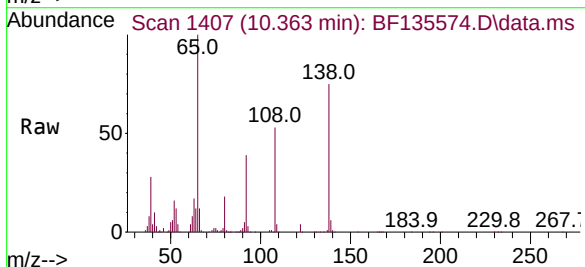
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

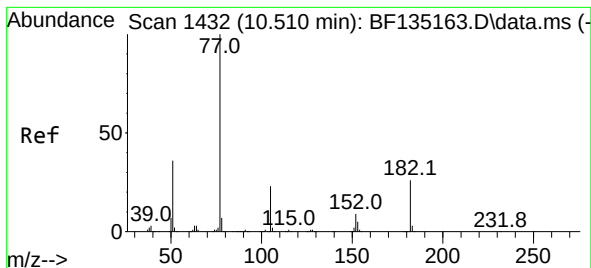
Tgt Ion:204 Resp: 304416
Ion Ratio Lower Upper
204 100
206 31.7 26.7 40.1
141 60.5 50.6 75.8



#62
4-Nitroaniline
Concen: 37.090 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:138 Resp: 159677
Ion Ratio Lower Upper
138 100
92 52.4 31.8 71.8
108 70.0 52.0 92.0





#63

Azobenzene

Concen: 41.049 ng

RT: 10.481 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 702224

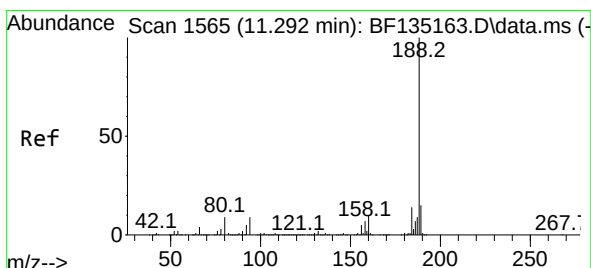
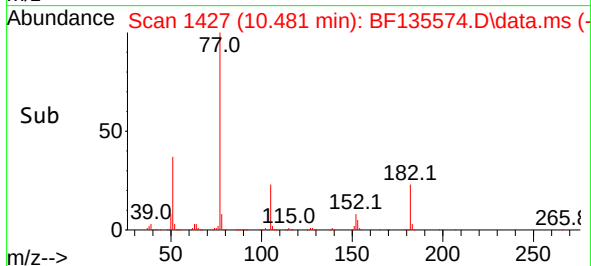
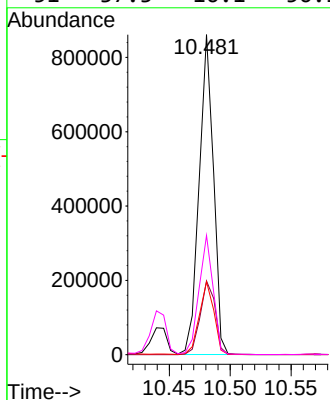
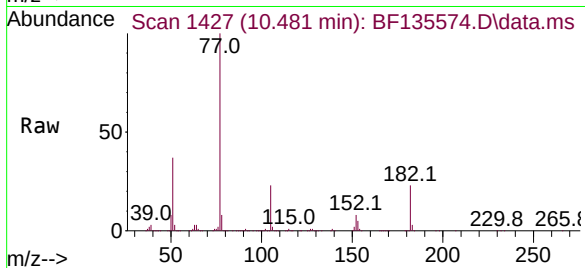
Ion Ratio Lower Upper

77 100

182 23.1 6.4 46.4

105 22.8 3.1 43.1

51 37.3 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

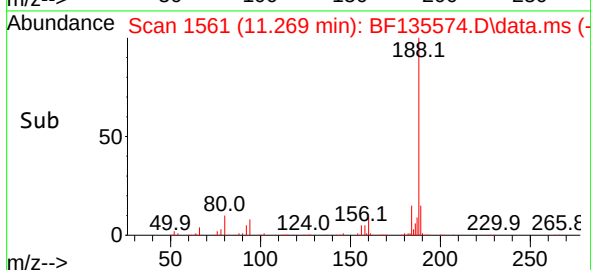
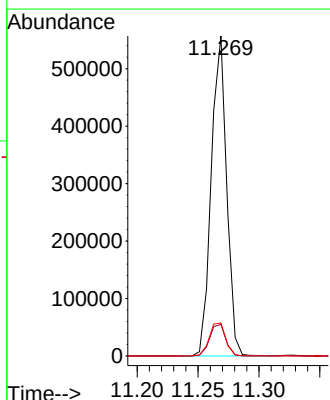
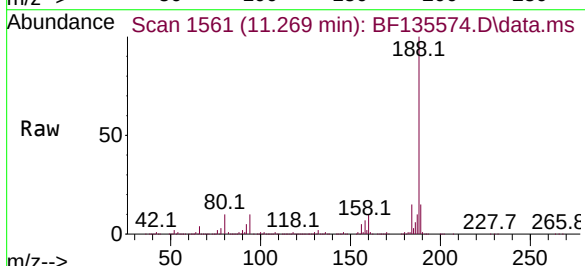
Tgt Ion: 188 Resp: 490746

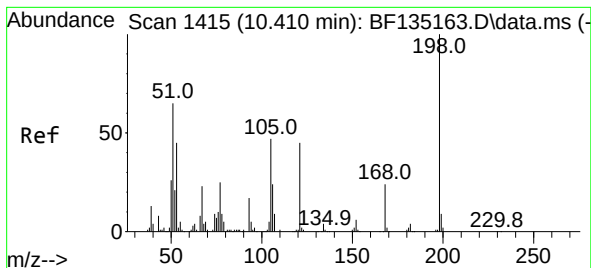
Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.3 7.5 11.3

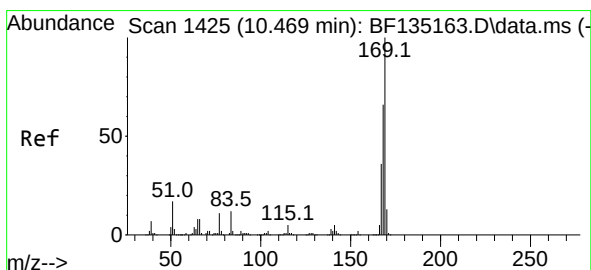
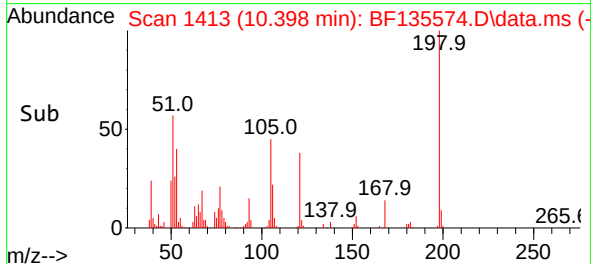
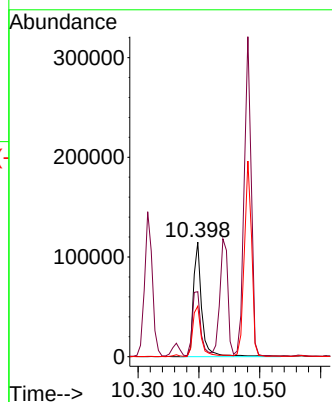
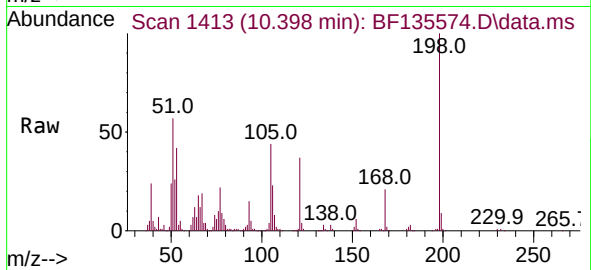




#65
4,6-Dinitro-2-methylphenol
Concen: 41.520 ng
RT: 10.398 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

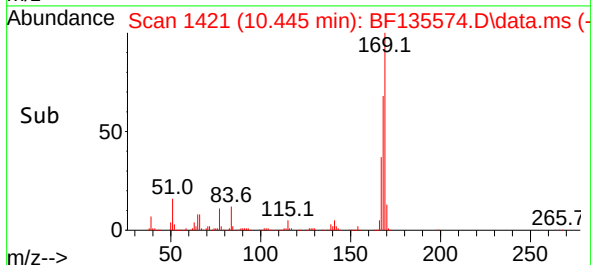
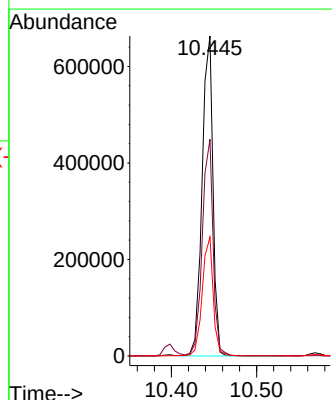
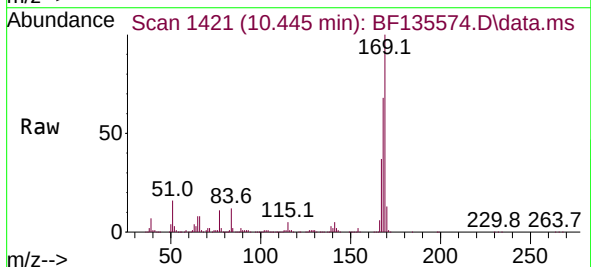
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

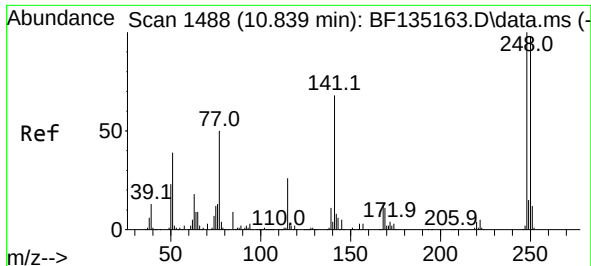
Tgt Ion:198 Resp: 108221
Ion Ratio Lower Upper
198 100
51 56.7 47.7 87.7
105 44.1 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 39.409 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:169 Resp: 585513
Ion Ratio Lower Upper
169 100
168 67.7 52.8 79.2
167 37.2 29.0 43.6

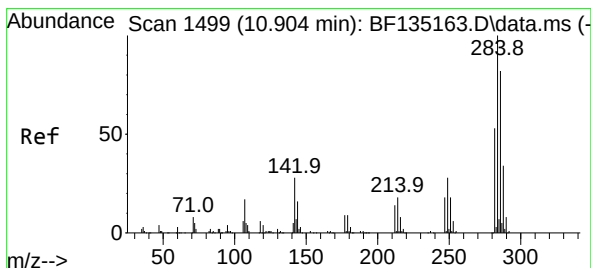
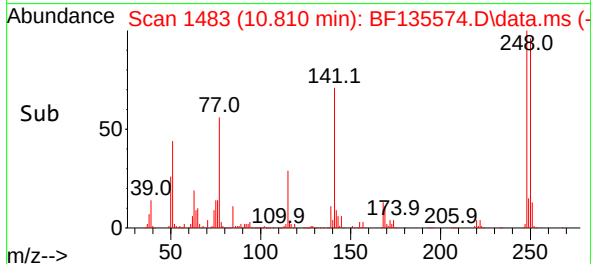
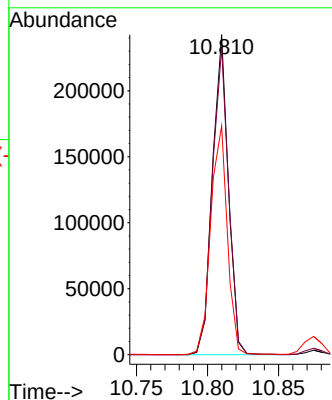
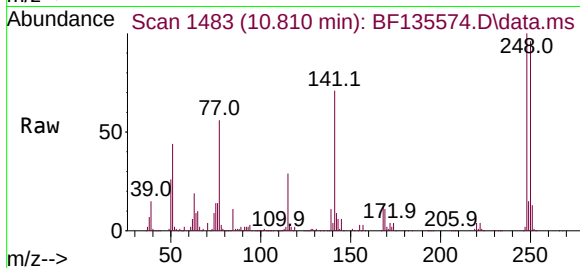




#67
4-Bromophenyl-phenylether
Concen: 38.773 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

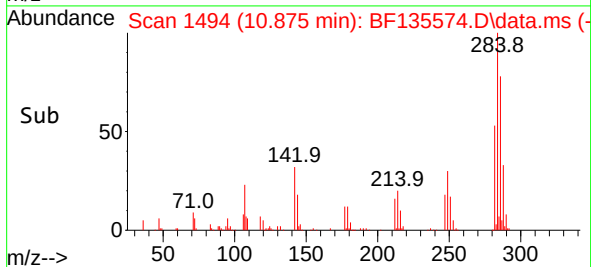
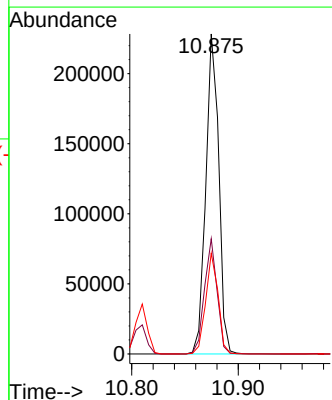
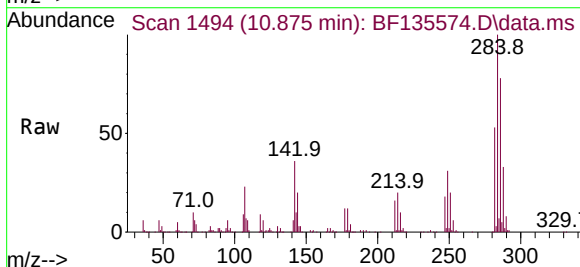
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

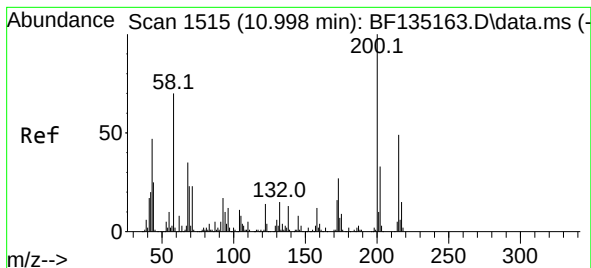
Tgt Ion:248 Resp: 189242
Ion Ratio Lower Upper
248 100
250 95.9 78.6 117.8
141 71.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 38.952 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:284 Resp: 193686
Ion Ratio Lower Upper
284 100
142 36.0 22.2 33.4#
249 31.5 22.5 33.7





#69

Atrazine

Concen: 37.244 ng

RT: 10.975 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

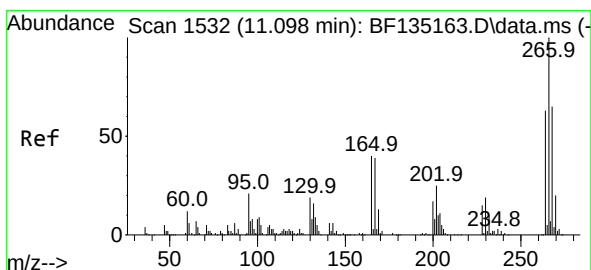
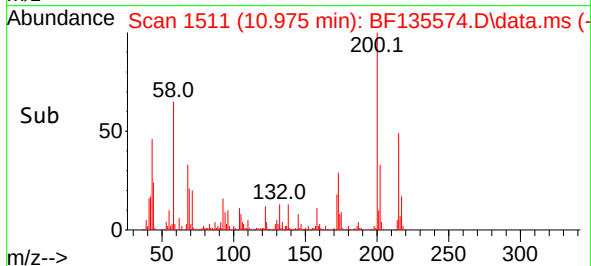
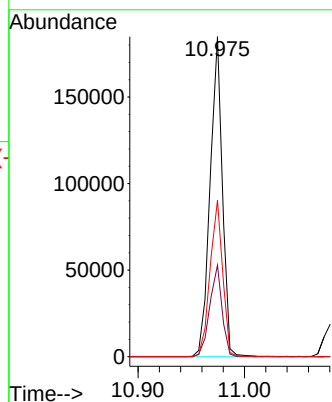
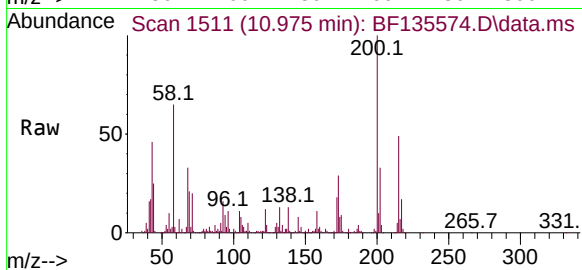
Tgt Ion:200 Resp: 148890

Ion Ratio Lower Upper

200 100

173 28.6 7.4 47.4

215 48.9 28.6 68.6



#70

Pentachlorophenol

Concen: 37.654 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

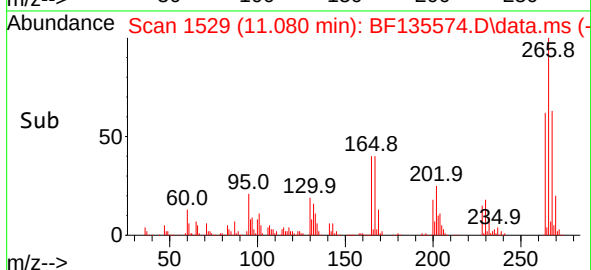
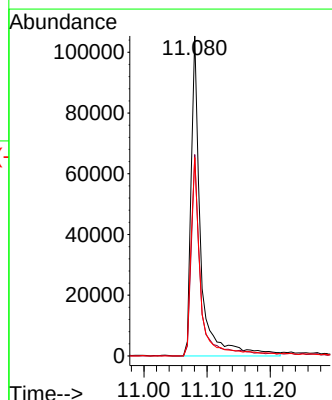
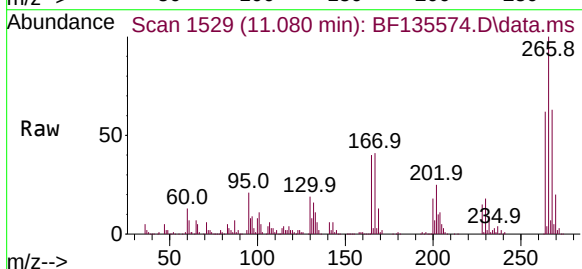
Tgt Ion:266 Resp: 112021

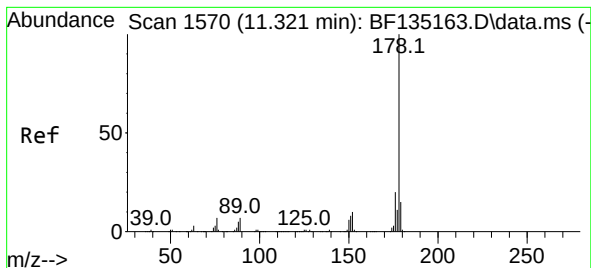
Ion Ratio Lower Upper

266 100

268 62.9 52.1 78.1

264 62.0 50.8 76.2





#71

Phenanthrene

Concen: 39.837 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

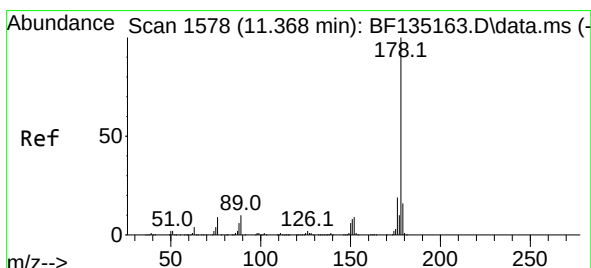
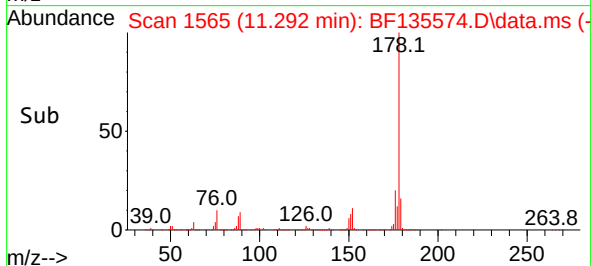
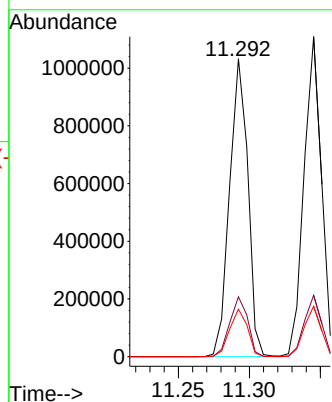
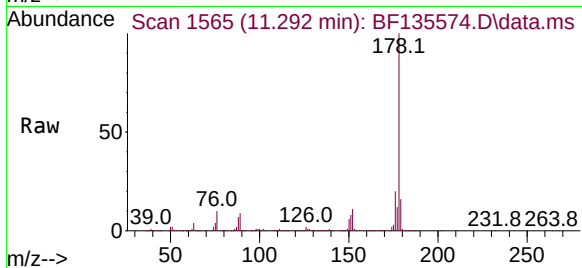
Tgt Ion:178 Resp: 924635

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

179 15.9 12.0 18.0



#72

Anthracene

Concen: 39.894 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

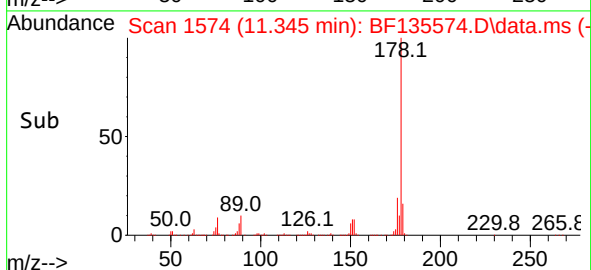
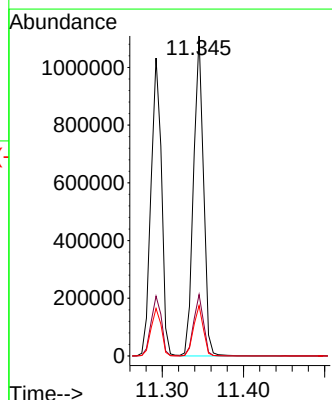
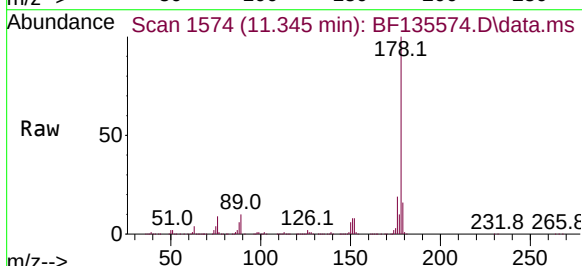
Tgt Ion:178 Resp: 951780

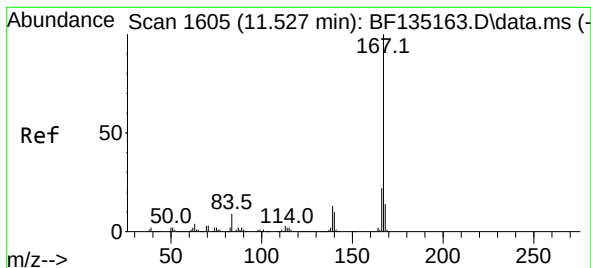
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.8 12.6 19.0





#73

Carbazole

Concen: 40.910 ng

RT: 11.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

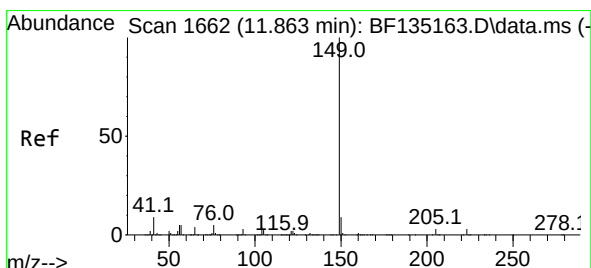
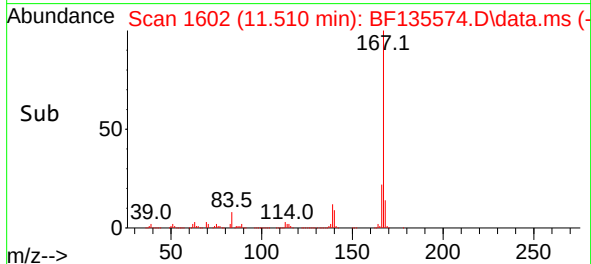
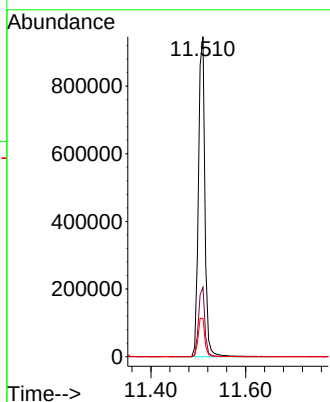
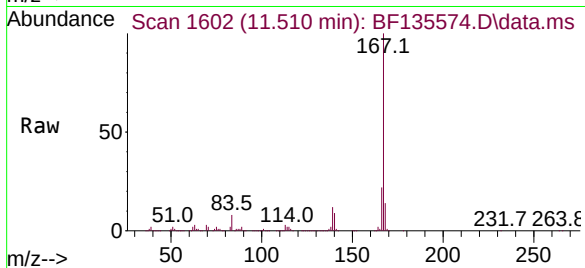
Tgt Ion:167 Resp: 888486

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 12.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 42.667 ng

RT: 11.833 min Scan# 1657

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

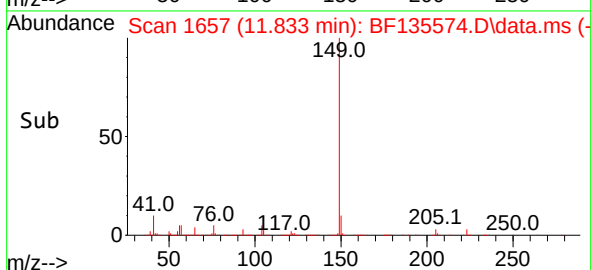
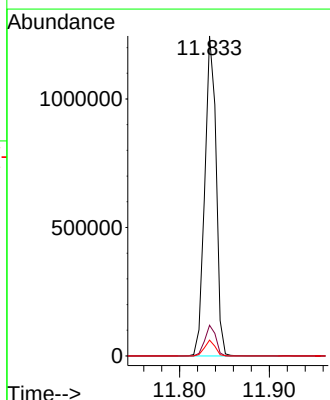
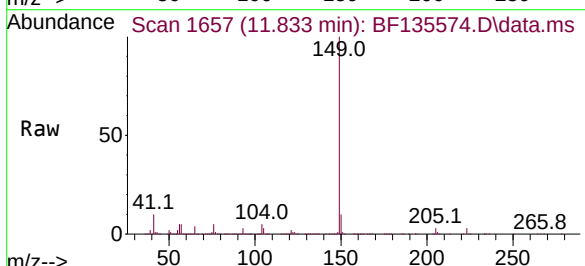
Tgt Ion:149 Resp: 1091896

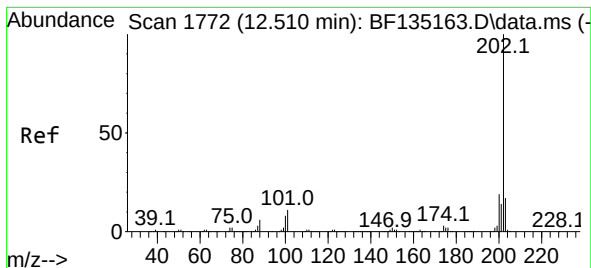
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 40.123 ng

RT: 12.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

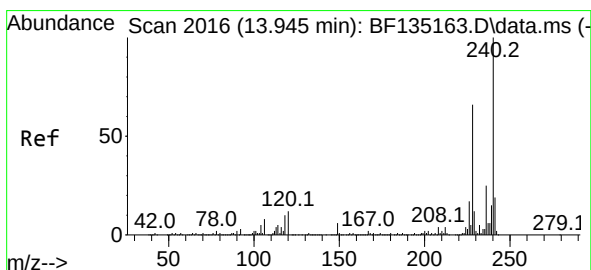
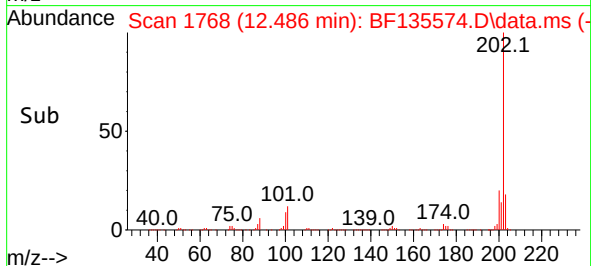
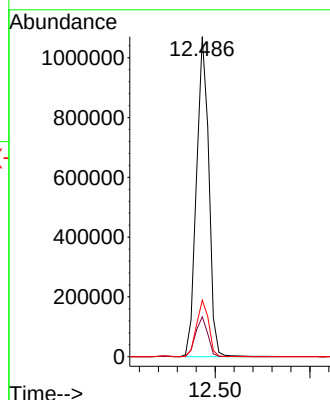
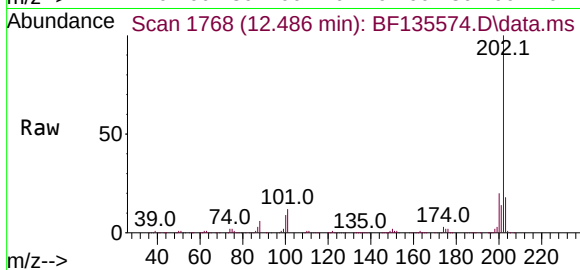
Tgt Ion:202 Resp: 970367

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.3

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

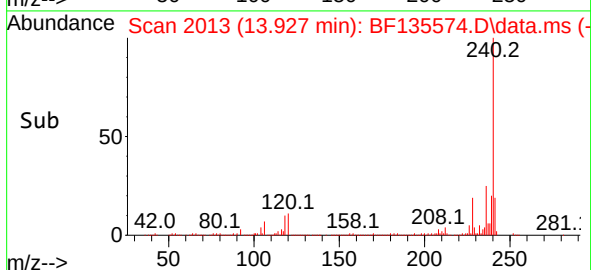
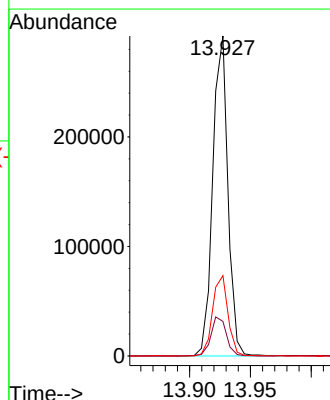
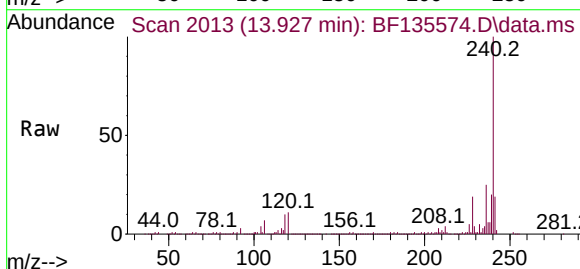
Tgt Ion:240 Resp: 253112

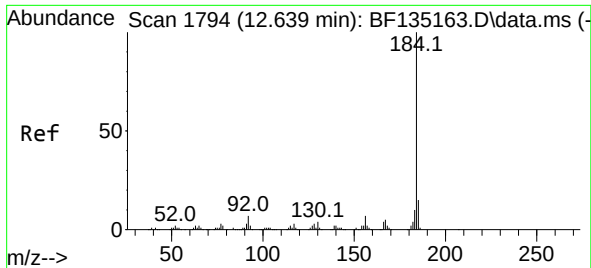
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 25.1 19.8 29.8

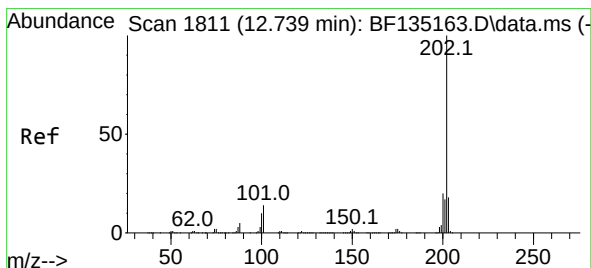
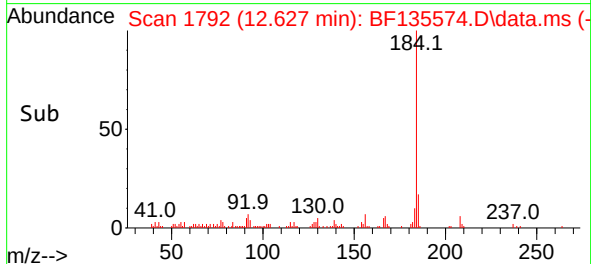
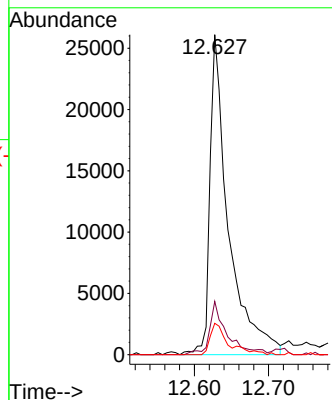
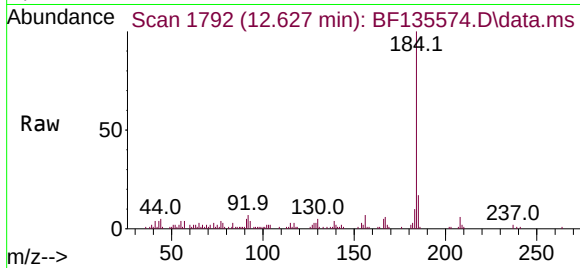




#77
Benzidine
Concen: 8.759 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

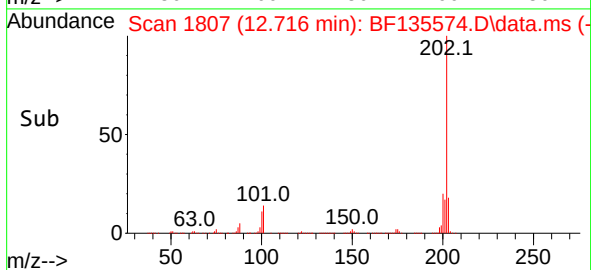
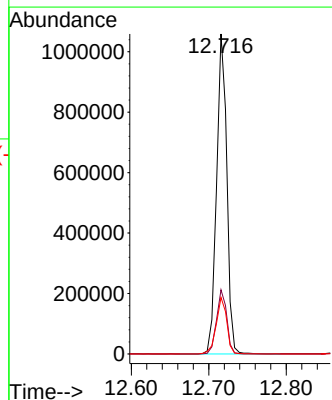
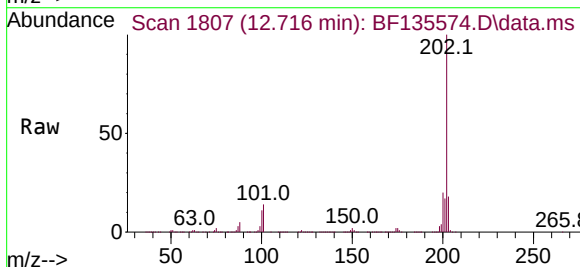
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

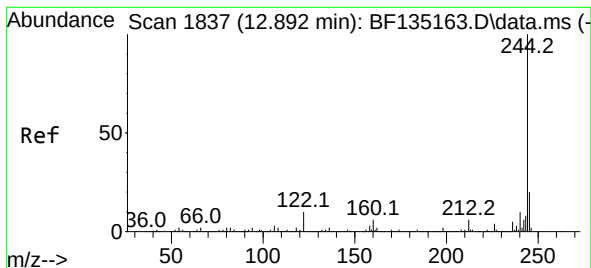
Tgt Ion:184 Resp: 45422
Ion Ratio Lower Upper
184 100
185 16.6 11.7 17.5
183 9.8 8.2 12.4



#78
Pyrene
Concen: 40.168 ng
RT: 12.716 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:202 Resp: 967984
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 75.876 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

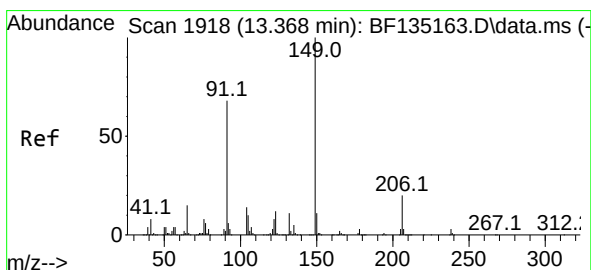
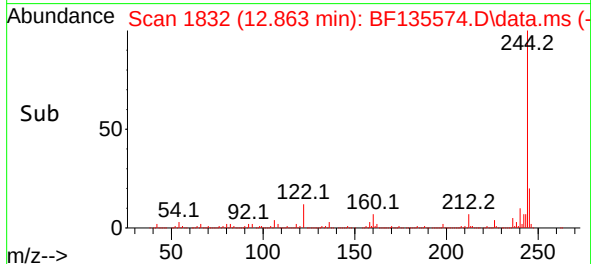
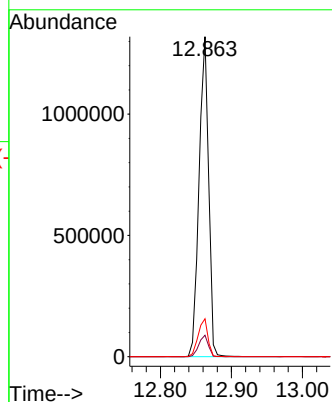
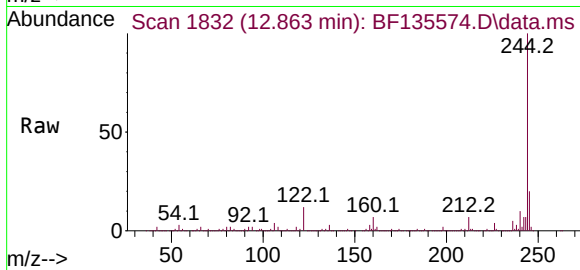
Tgt Ion:244 Resp: 1238880

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.8 7.9 11.9



#80

Butylbenzylphthalate

Concen: 48.515 ng

RT: 13.339 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

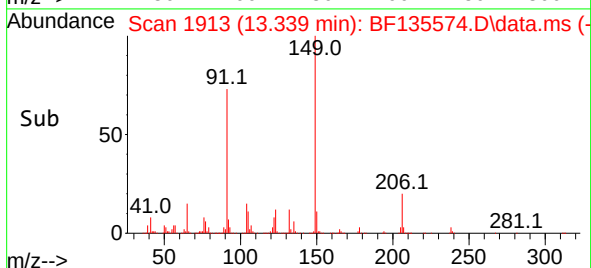
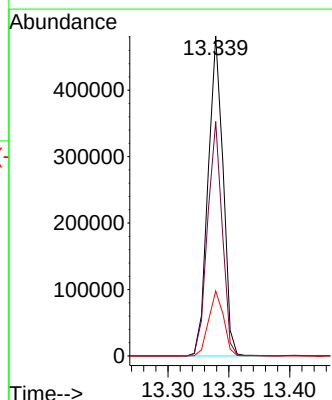
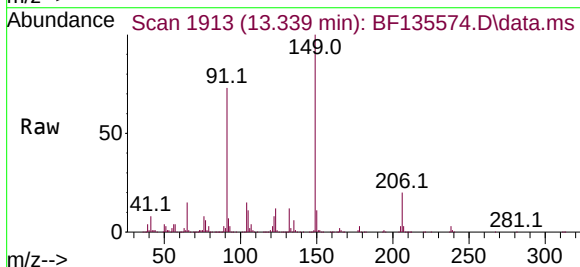
Tgt Ion:149 Resp: 411626

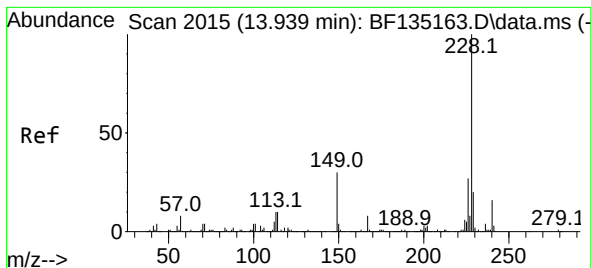
Ion Ratio Lower Upper

149 100

91 73.3 54.7 82.1

206 20.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 39.826 ng

RT: 13.916 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

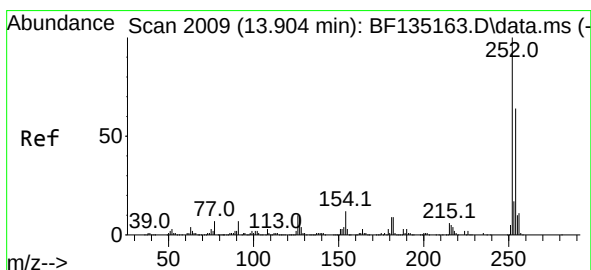
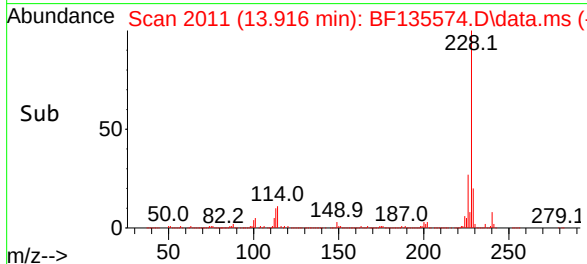
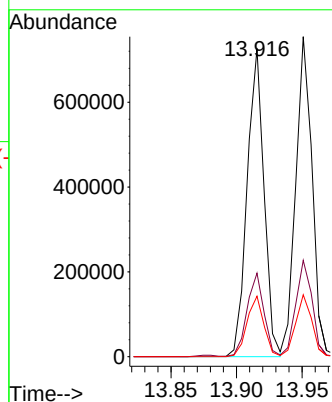
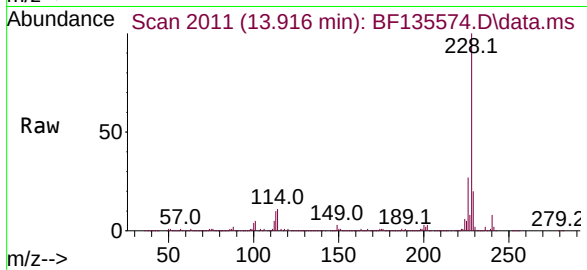
Tgt Ion:228 Resp: 650919

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.624 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

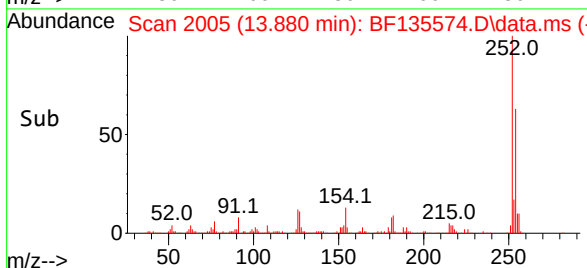
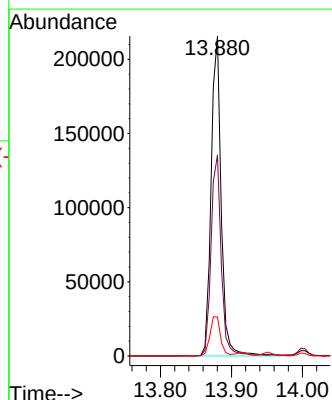
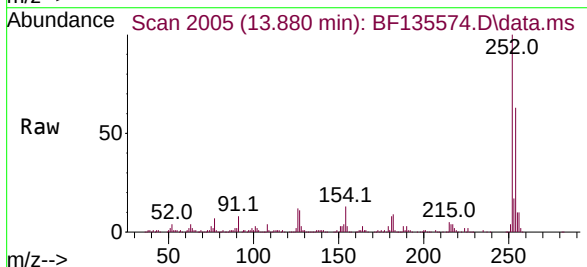
Tgt Ion:252 Resp: 212499

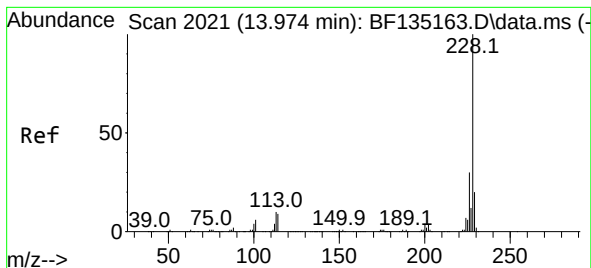
Ion Ratio Lower Upper

252 100

254 62.8 51.0 76.4

126 12.1 7.8 11.8#





#83

Chrysene

Concen: 40.225 ng

RT: 13.951 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

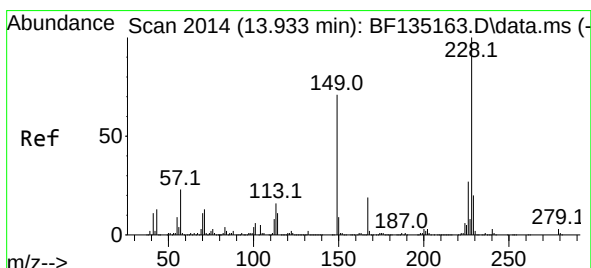
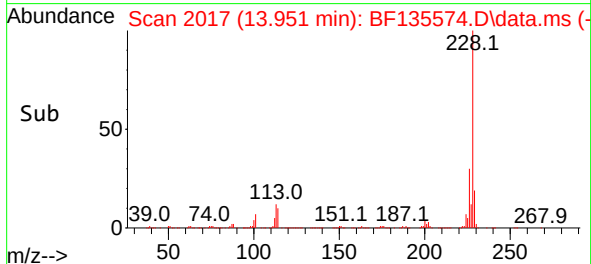
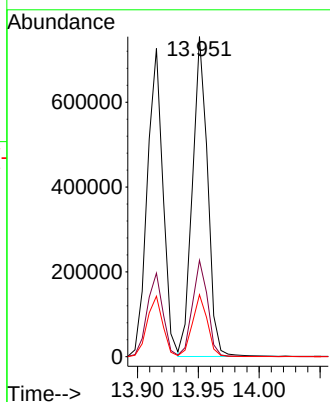
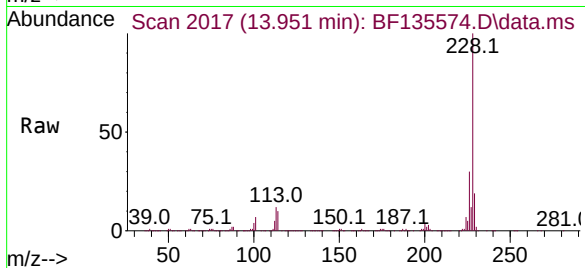
Tgt Ion:228 Resp: 653643

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.517 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

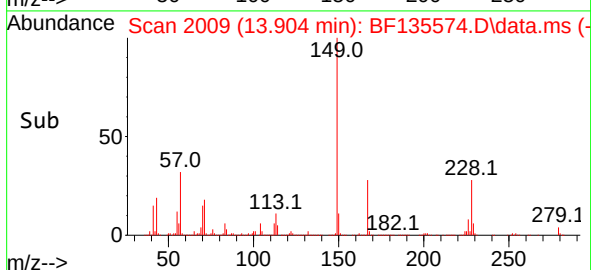
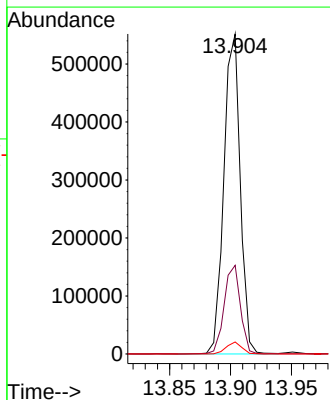
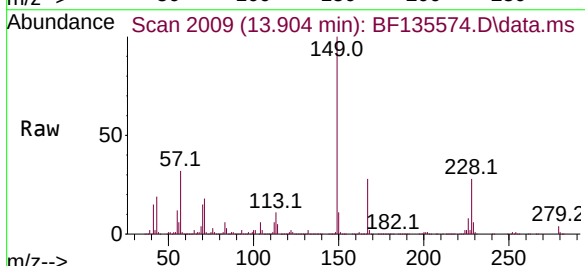
Tgt Ion:149 Resp: 518195

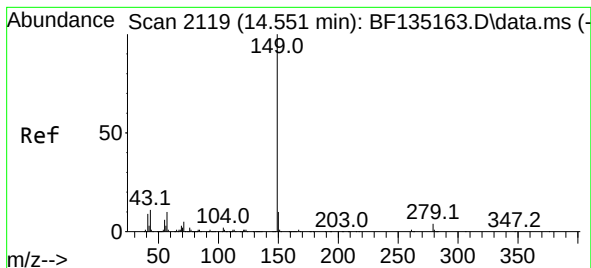
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.934 ng

RT: 14.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

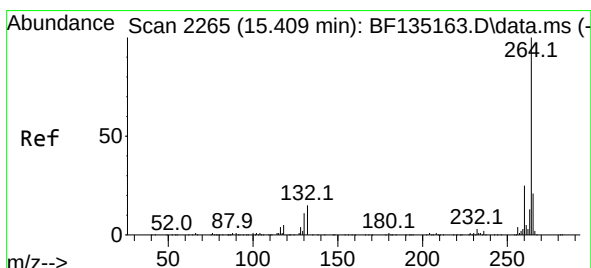
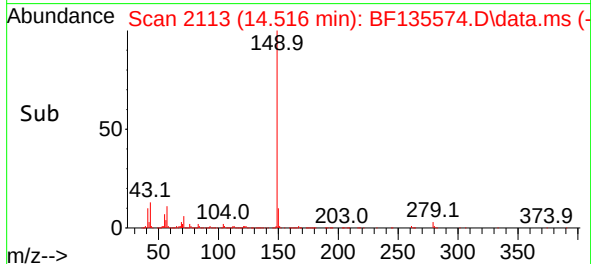
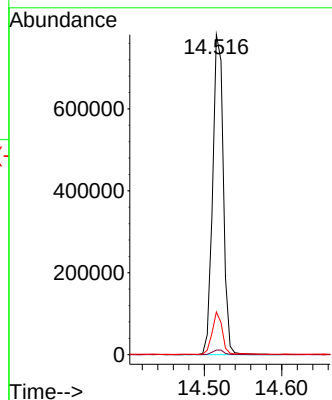
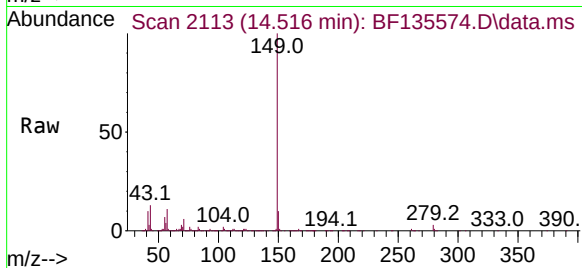
Tgt Ion:149 Resp: 746256

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

43 12.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

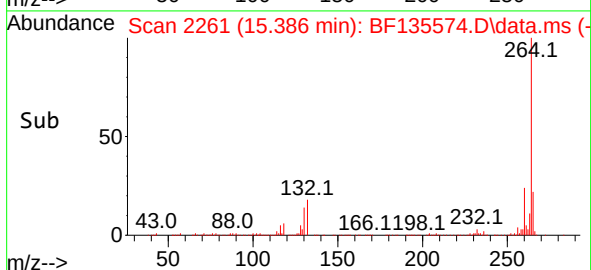
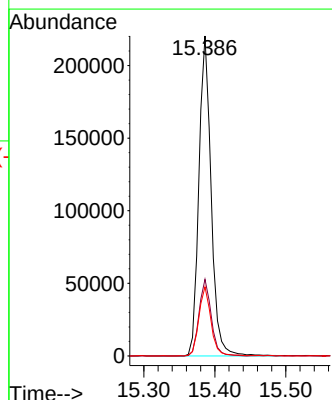
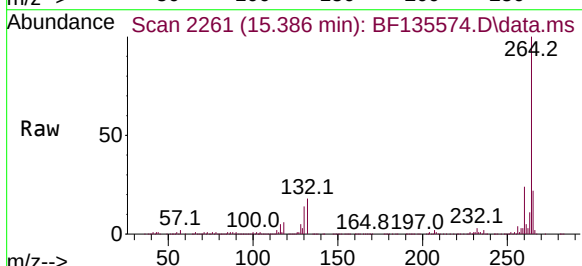
Tgt Ion:264 Resp: 264746

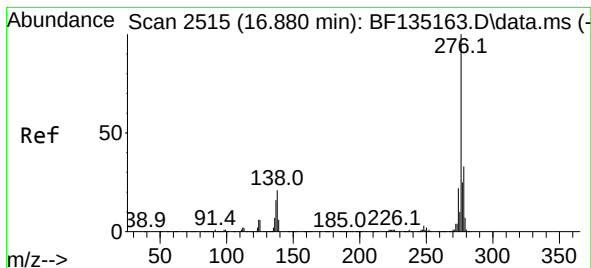
Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.183 ng

RT: 16.868 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

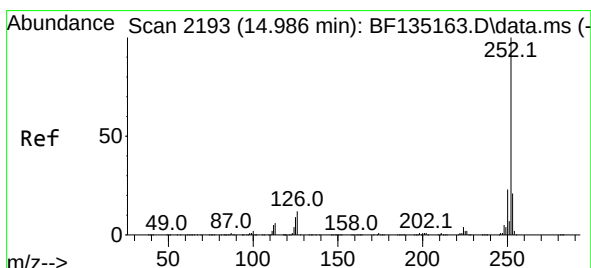
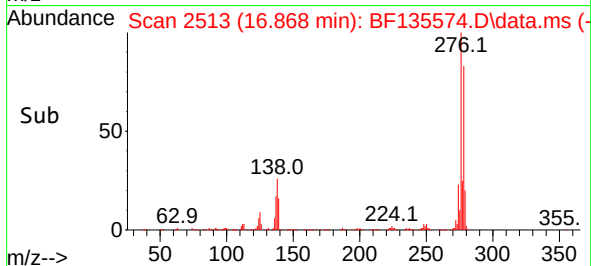
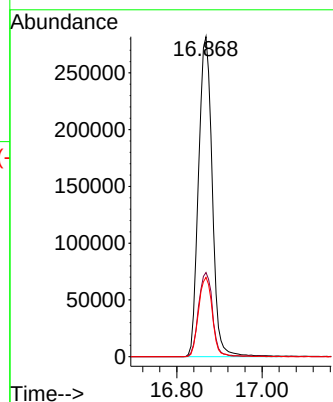
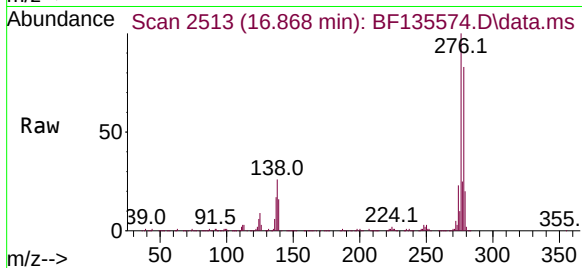
Tgt Ion:276 Resp: 628076

Ion Ratio Lower Upper

276 100

138 27.0 19.2 28.8

277 24.8 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 39.372 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.030 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

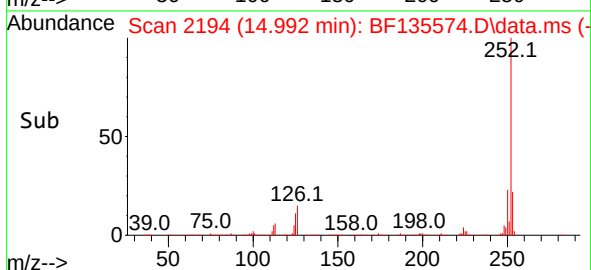
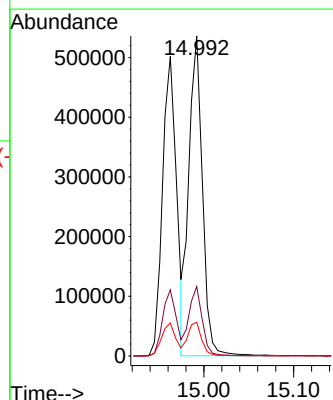
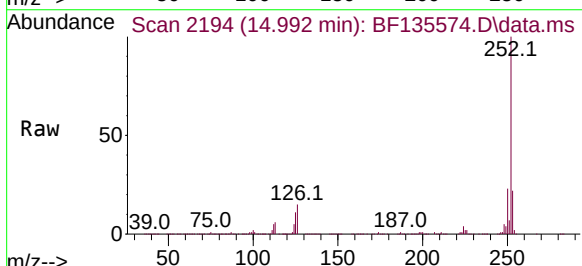
Tgt Ion:252 Resp: 564268

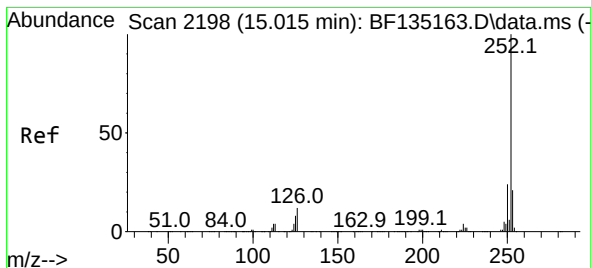
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 10.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 39.858 ng

RT: 14.992 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

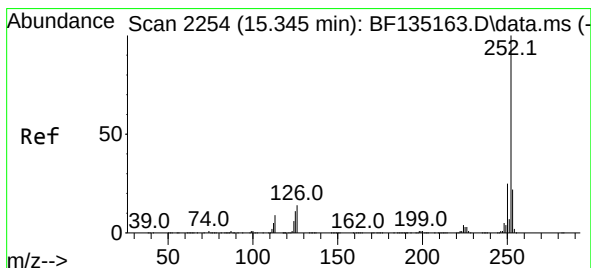
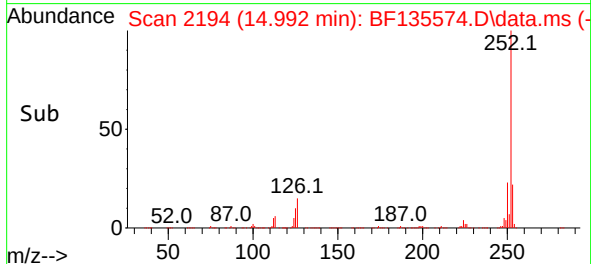
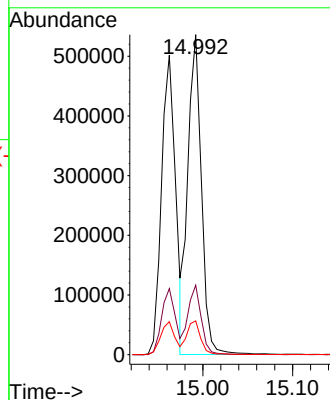
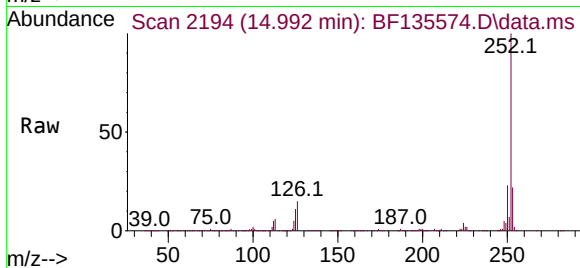
Tgt Ion:252 Resp: 564268

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 39.962 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

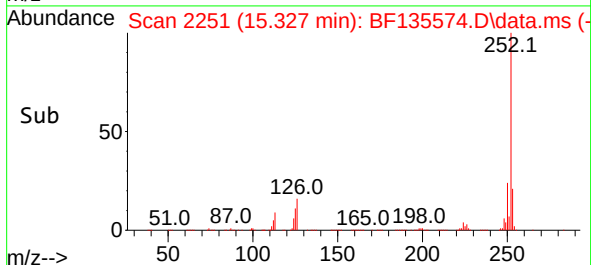
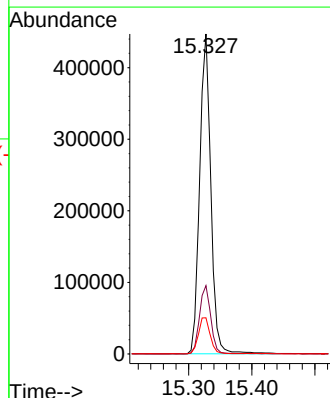
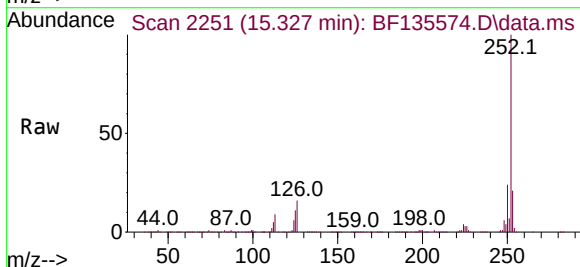
Tgt Ion:252 Resp: 546171

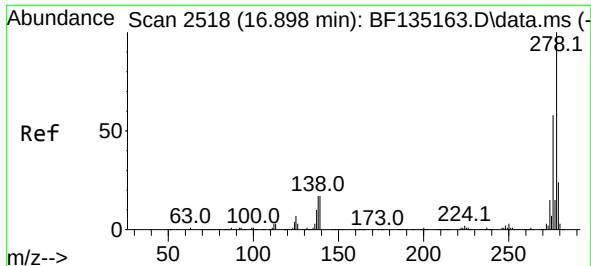
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 11.3 9.2 13.8

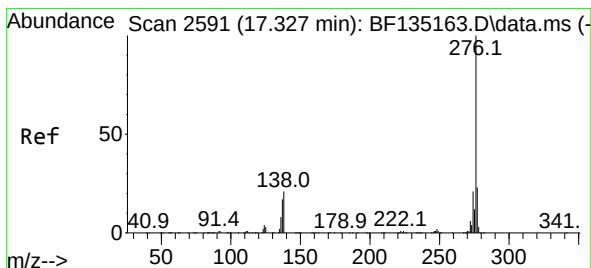
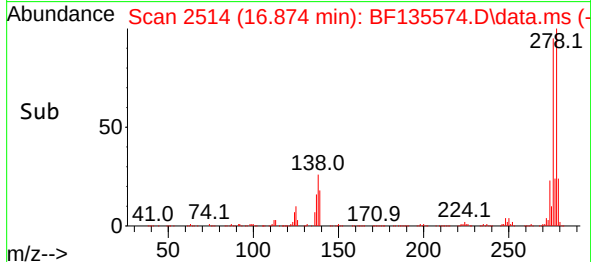
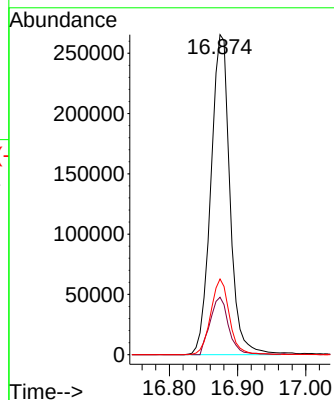
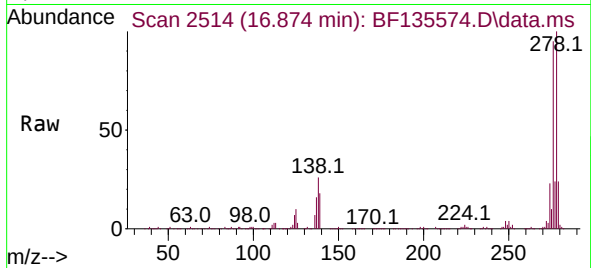




#91
Dibenzo(a,h)anthracene
Concen: 36.403 ng
RT: 16.874 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 517039
Ion Ratio Lower Upper
278 100
139 17.9 13.4 20.0
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 35.806 ng
RT: 17.310 min Scan# 2588
Delta R.T. -0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:276 Resp: 531117
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 22.7 16.9 25.3

