

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135474.D
 Acq On : 27 Sep 2023 16:01
 Operator : CG\JU
 Sample : 04531-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:48:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	174691	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	657790	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	305930	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	505939	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	261194	20.000	ng	0.00
86) Perylene-d12	15.416	264	354898	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1346823	125.395	ng	0.03
7) Phenol-d6	6.416	99	1614910	118.245	ng	0.01
23) Nitrobenzene-d5	7.328	82	1158782	95.708	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	348610	114.667	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1826267	90.064	ng	0.00
79) Terphenyl-d14	12.880	244	1384823	82.190	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	239633	50.894	ng	# 77
3) Pyridine	3.422	79	457268	36.084	ng	95
4) n-Nitrosodimethylamine	3.352	42	357488	53.161	ng	94
6) Aniline	6.428	93	458727	25.614	ng	# 7
8) 2-Chlorophenol	6.551	128	584085	50.942	ng	97
9) Benzaldehyde	6.316	77	81350	10.456	ng	96
10) Phenol	6.428	94	614077	41.004	ng	91
11) bis(2-Chloroethyl)ether	6.504	93	608223	54.144	ng	99
12) 1,3-Dichlorobenzene	6.698	146	582762	50.012	ng	97
13) 1,4-Dichlorobenzene	6.775	146	575967	48.583	ng	99
14) 1,2-Dichlorobenzene	6.922	146	541507	49.185	ng	99
15) Benzyl Alcohol	6.910	79	467911	47.744	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	1047073	49.450	ng	74
17) 2-Methylphenol	7.028	107	451050	44.579	ng	# 89
18) Hexachloroethane	7.263	117	224299	51.205	ng	93
19) n-Nitroso-di-n-propyla...	7.181	70	368964	43.616	ng	97
20) 3+4-Methylphenols	7.181	107	507444	41.708	ng	# 80
22) Acetophenone	7.169	105	734310	48.828	ng	# 93
24) Nitrobenzene	7.345	77	606464	50.678	ng	99
25) Isophorone	7.581	82	1116599	50.224	ng	97
26) 2-Nitrophenol	7.657	139	311615	54.255	ng	97
27) 2,4-Dimethylphenol	7.704	122	443658	45.955	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	699922	52.599	ng	98
29) 2,4-Dichlorophenol	7.904	162	444520	49.691	ng	99
30) 1,2,4-Trichlorobenzene	7.981	180	473057	50.593	ng	99
31) Naphthalene	8.057	128	1577318	49.353	ng	99
32) Benzoic acid	7.851	122	340244	46.803	ng	99
33) 4-Chloroaniline	8.110	127	295233	21.055	ng	98
34) Hexachlorobutadiene	8.169	225	265860	47.155	ng	98
35) Caprolactam	8.498	113	87321	29.085	ng	91
36) 4-Chloro-3-methylphenol	8.610	107	471295	47.402	ng	96
37) 2-Methylnaphthalene	8.751	142	975440	45.404	ng	98
38) 1-Methylnaphthalene	8.851	142	920469	45.763	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	444594	50.163	ng	99
41) Hexachlorocyclopentadiene	8.898	237	273100	70.860	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	289191	49.835	ng	99

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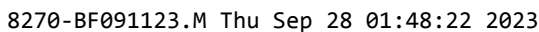
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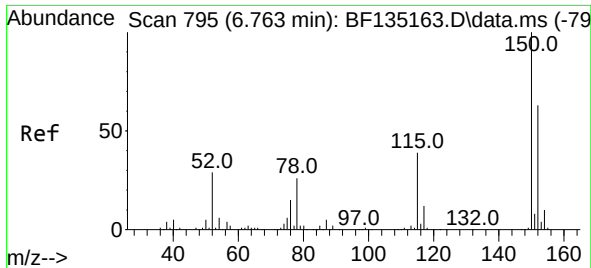
Quant Time: Sep 28 01:48:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	314081	46.998	ng	97
46) 1,1'-Biphenyl	9.216	154	1193366	50.759	ng	98
47) 2-Chloronaphthalene	9.245	162	895039	52.470	ng	99
48) 2-Nitroaniline	9.351	65	346767	52.326	ng	94
49) Acenaphthylene	9.657	152	1404139	49.530	ng	99
50) Dimethylphthalate	9.528	163	1030459	49.819	ng	100
51) 2,6-Dinitrotoluene	9.592	165	225681	49.806	ng	91
52) Acenaphthene	9.828	154	823703	49.185	ng	97
53) 3-Nitroaniline	9.763	138	186584	35.080	ng	98
54) 2,4-Dinitrophenol	9.881	184	216744	83.927	ng	94
55) Dibenzofuran	10.004	168	1145982	44.842	ng	98
56) 4-Nitrophenol	9.945	139	244809	72.420	ng	97
57) 2,4-Dinitrotoluene	10.004	165	241635	42.597	ng	# 83
58) Fluorene	10.351	166	906625	46.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	244482	47.558	ng	97
60) Diethylphthalate	10.228	149	977748	47.102	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	417399	44.228	ng	96
62) 4-Nitroaniline	10.386	138	222028	43.427	ng	90
63) Azobenzene	10.498	77	1019095	50.162	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	136792	50.905	ng	93
66) n-Nitrosodiphenylamine	10.463	169	830870	54.245	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	261939	52.055	ng	94
68) Hexachlorobenzene	10.898	284	265947	51.878	ng	92
69) Atrazine	10.998	200	234050	56.789	ng	98
70) Pentachlorophenol	11.098	266	248596	81.052	ng	99
71) Phenanthrene	11.316	178	1220350	50.999	ng	99
72) Anthracene	11.369	178	1238962	50.372	ng	100
73) Carbazole	11.528	167	1110873	49.614	ng	99
74) Di-n-butylphthalate	11.857	149	1396303	52.923	ng	99
75) Fluoranthene	12.510	202	1140034	45.723	ng	99
77) Benzidine	12.633	184	154738	28.917	ng	98
78) Pyrene	12.739	202	1147081	46.127	ng	100
80) Butylbenzylphthalate	13.363	149	468574	53.518	ng	99
81) Benzo(a)anthracene	13.939	228	881820	52.284	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	278994	52.959	ng	# 98
83) Chrysene	13.974	228	853530	50.900	ng	99
84) Bis(2-ethylhexyl)phtha...	13.922	149	578714	64.411	ng	# 99
85) Di-n-octyl phthalate	14.545	149	1077156	75.440	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	1023268	43.975	ng	96
88) Benzo(b)fluoranthene	14.992	252	995290	51.806	ng	97
89) Benzo(k)fluoranthene	15.021	252	887206	46.749	ng	99
90) Benzo(a)pyrene	15.357	252	895895	48.900	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	832594	43.730	ng	99
92) Benzo(g,h,i)perylene	17.351	276	786081	39.533	ng	96

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

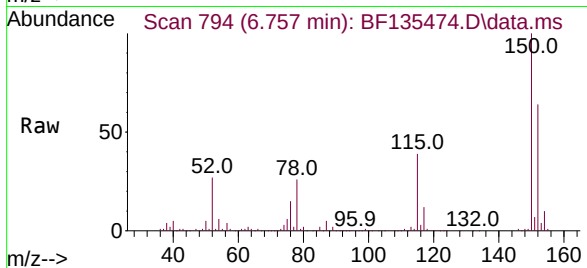
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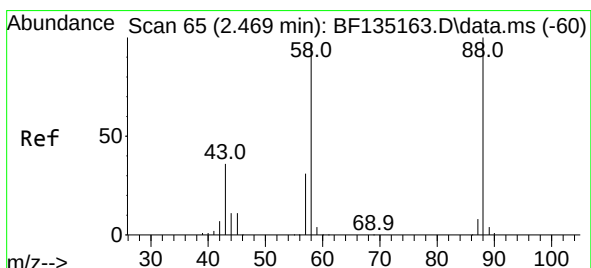
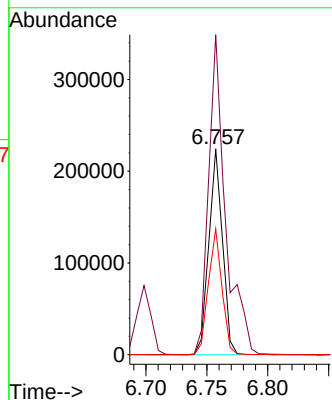
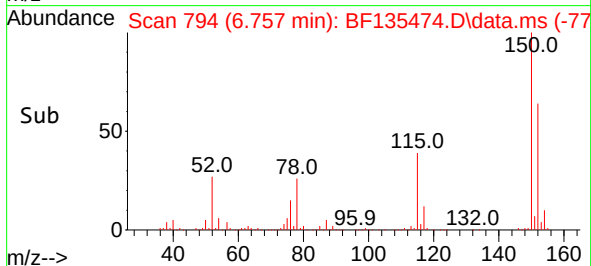


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: BF135474.D
 Acq: 27 Sep 2023 16:01

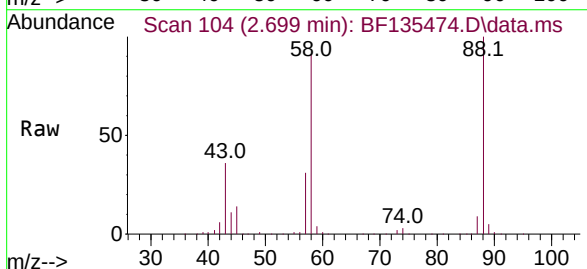
Instrument :
 BNA_F
 ClientSampleId :



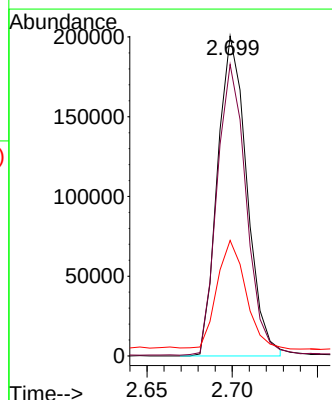
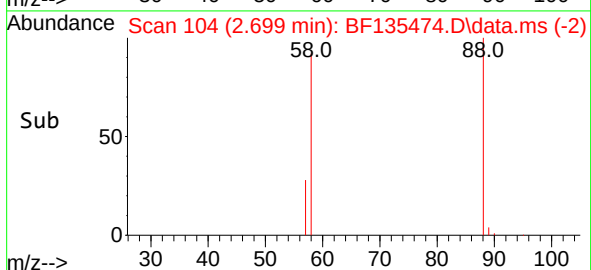
Tgt Ion:152 Resp: 174691
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.8 191.6
 115 61.1 49.8 74.8

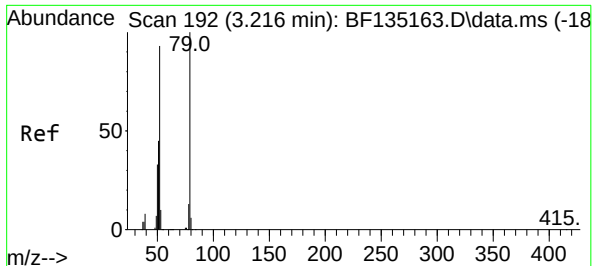


#2
 1,4-Dioxane
 Concen: 50.894 ng
 RT: 2.699 min Scan# 104
 Delta R.T. 0.247 min
 Lab File: BF135474.D
 Acq: 27 Sep 2023 16:01



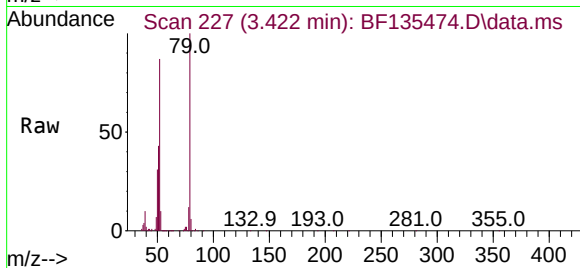
Tgt Ion: 88 Resp: 239633
 Ion Ratio Lower Upper
 88 100
 58 90.1 78.3 117.5
 43 0.0 29.4 44.0#





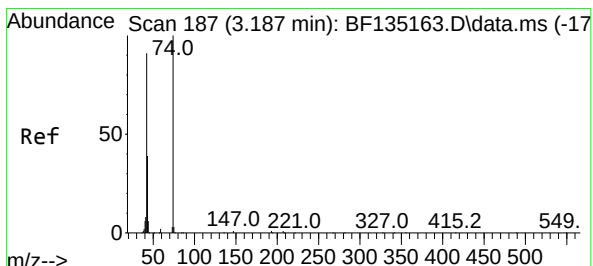
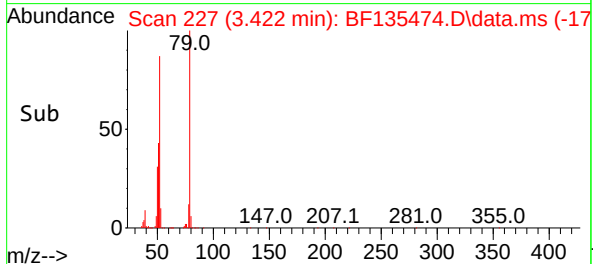
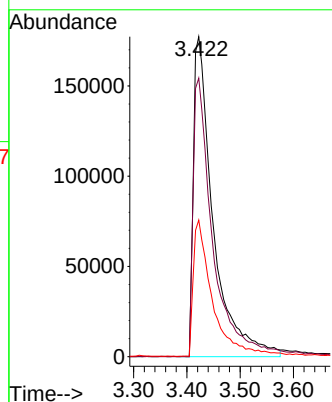
#3
Pyridine
Concen: 36.084 ng
RT: 3.422 min Scan# 215
Delta R.T. 0.224 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 79 Resp: 457268

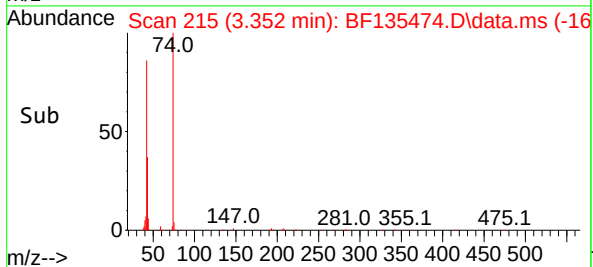
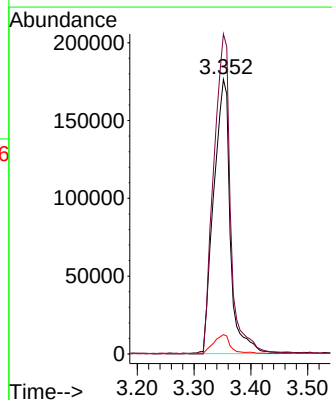
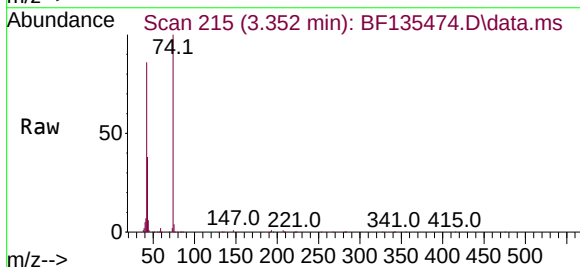
Ion	Ratio	Lower	Upper
79	100		
52	87.0	74.1	111.1
51	42.7	35.8	53.8

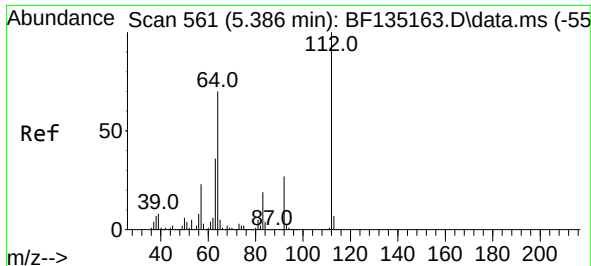


#4
n-Nitrosodimethylamine
Concen: 53.161 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.182 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion: 42 Resp: 357488

Ion	Ratio	Lower	Upper
42	100		
74	116.5	87.7	131.5
44	7.1	5.6	8.4

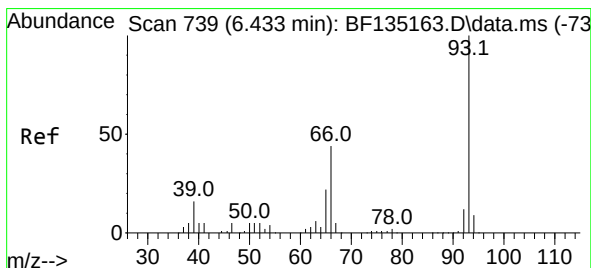
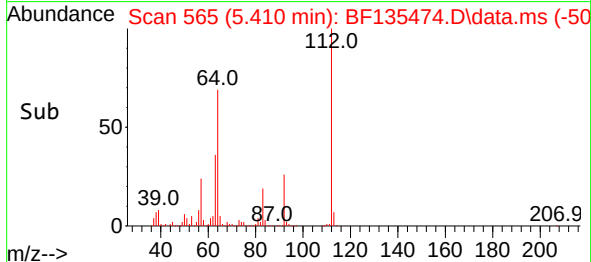
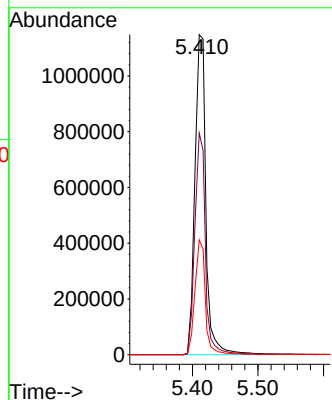
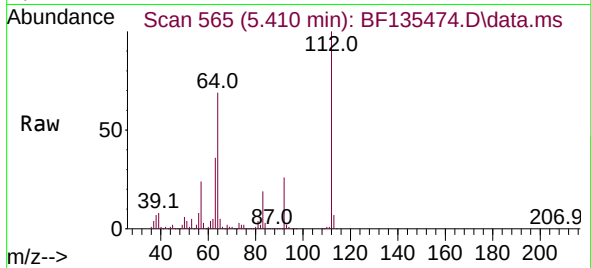




#5
2-Fluorophenol
Concen: 125.395 ng
RT: 5.410 min Scan# 509
Delta R.T. 0.029 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

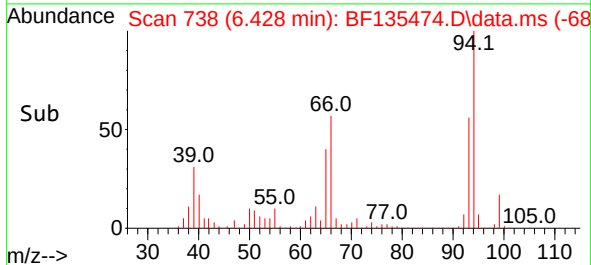
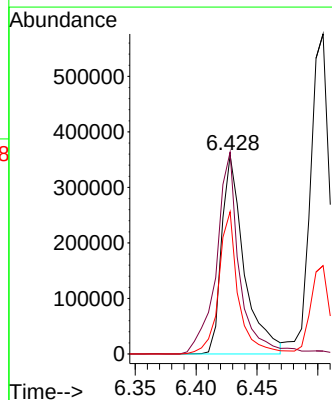
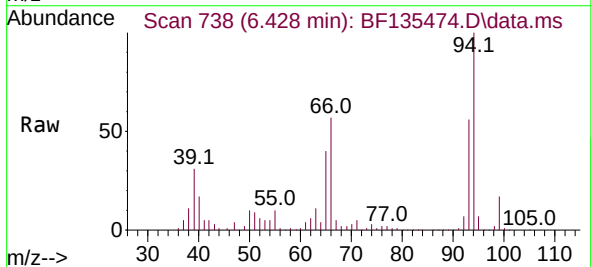
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ClientSampleId :

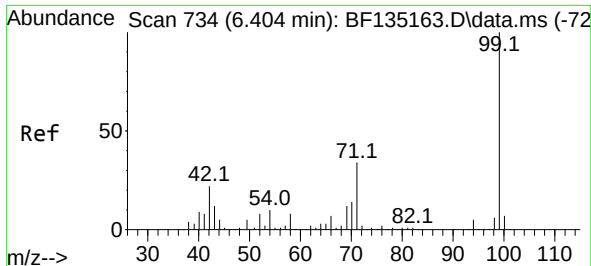
Tgt Ion:112 Resp: 1346823
Ion Ratio Lower Upper
112 100
64 69.3 55.9 83.9
63 35.8 29.0 43.6



#6
Aniline
Concen: 25.614 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion: 93 Resp: 458727
Ion Ratio Lower Upper
93 100
66 101.5 35.4 53.0#
65 71.6 17.8 26.8#

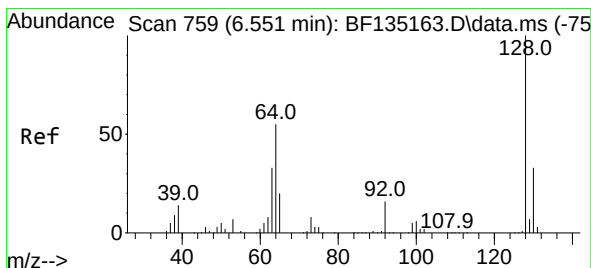
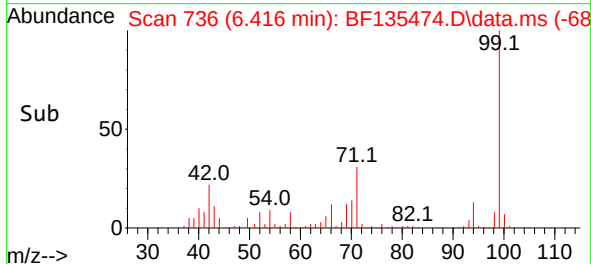
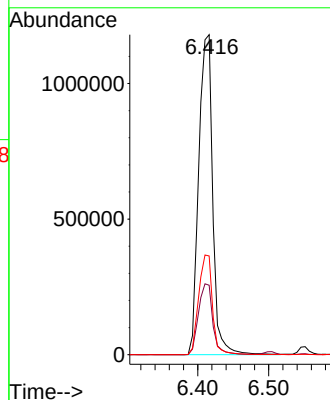
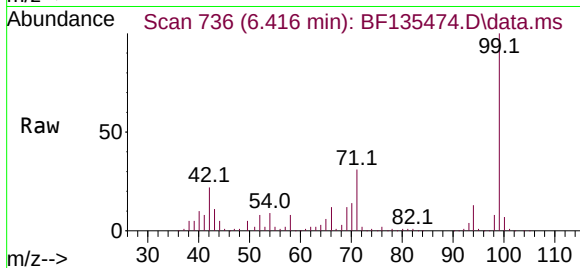




#7
Phenol-d6
Concen: 118.245 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

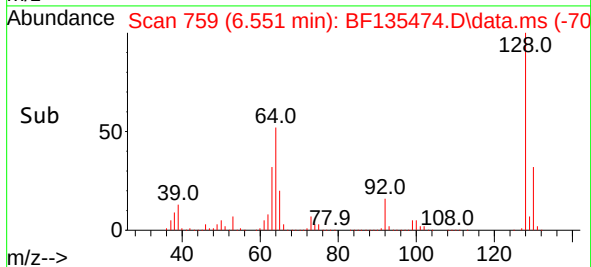
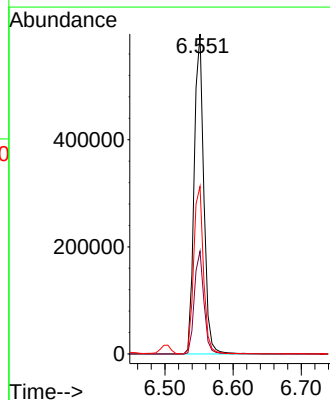
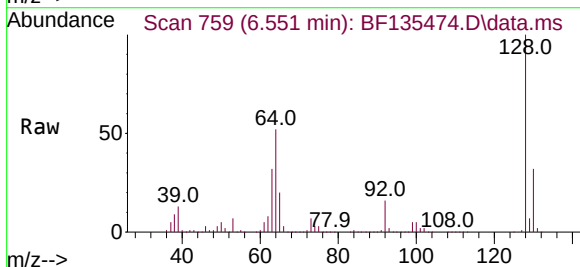
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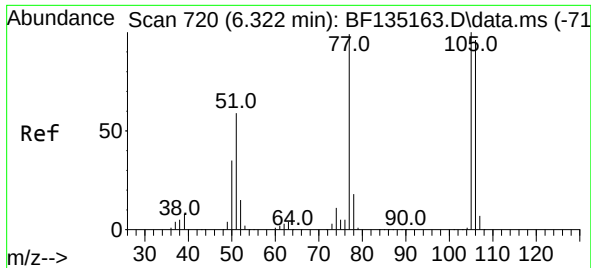
Tgt Ion: 99 Resp: 1614910
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 30.8 27.0 40.6



#8
2-Chlorophenol
Concen: 50.942 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:128 Resp: 584085
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 52.4 35.9 75.9





#9

Benzaldehyde

Concen: 10.456 ng

RT: 6.316 min Scan# 719

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

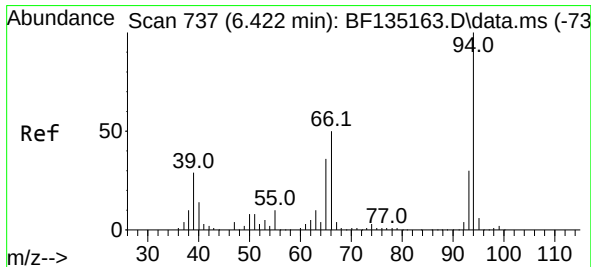
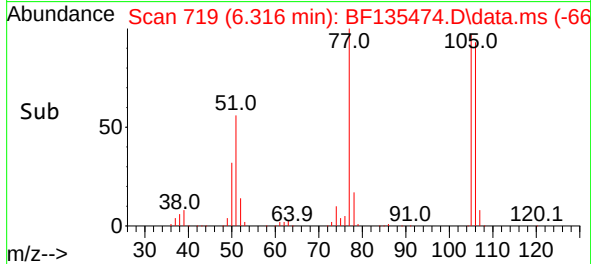
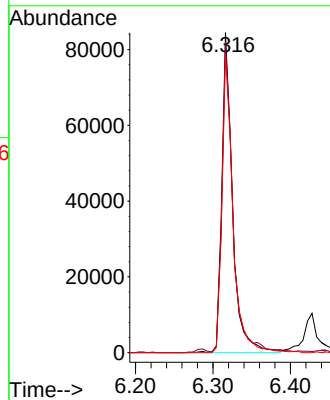
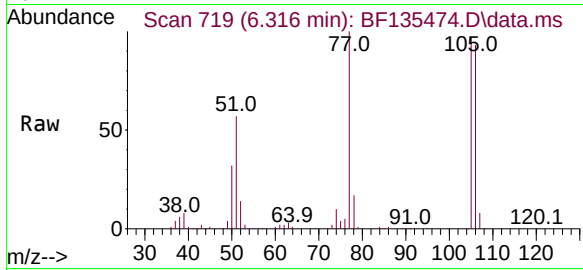
Tgt Ion: 77 Resp: 81350

Ion Ratio Lower Upper

77 100

105 96.9 81.4 121.4

106 93.2 76.9 116.9



#10

Phenol

Concen: 41.004 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.012 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

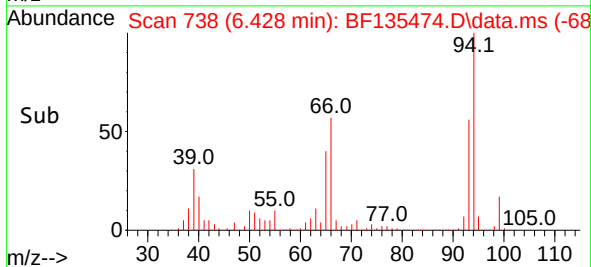
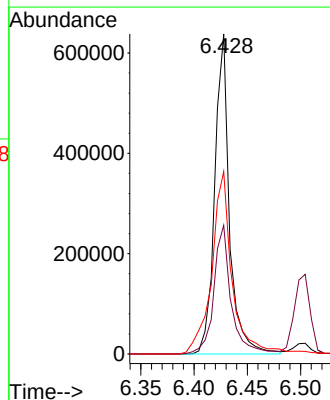
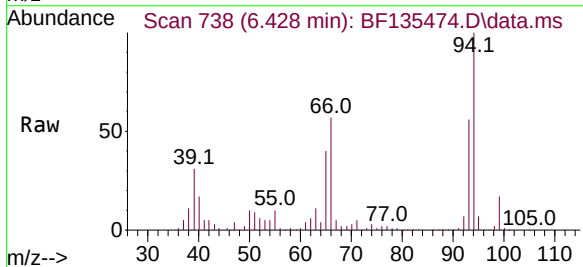
Tgt Ion: 94 Resp: 614077

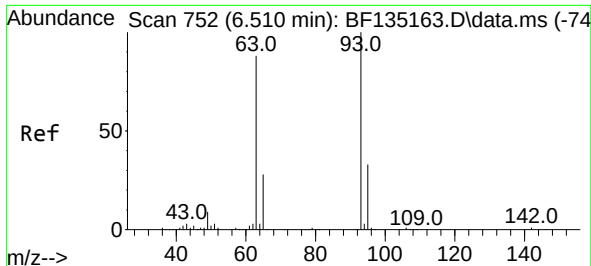
Ion Ratio Lower Upper

94 100

65 40.2 15.9 55.9

66 57.0 29.8 69.8

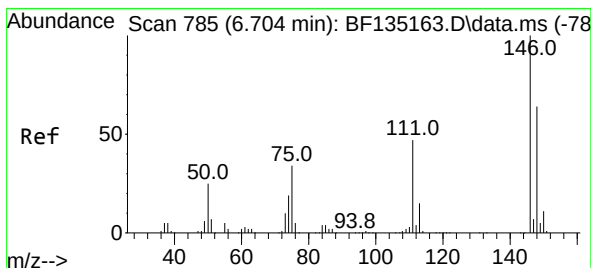
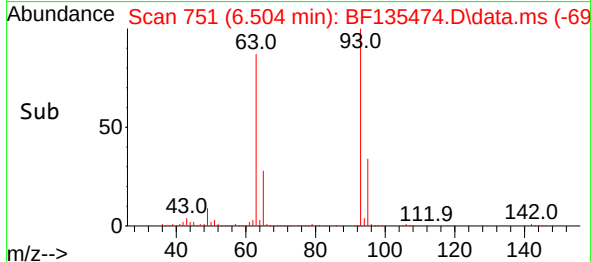
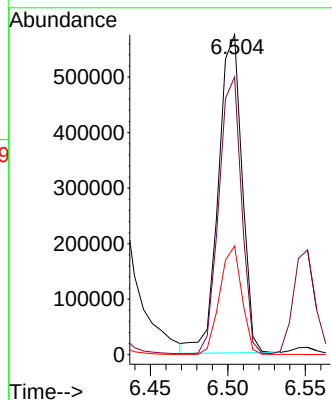
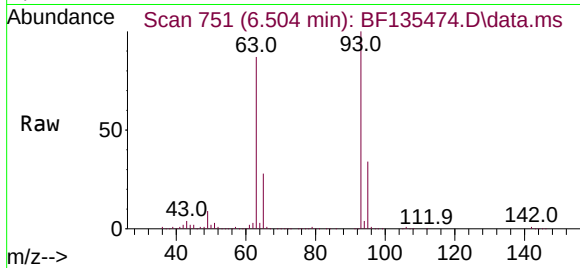




#11
bis(2-Chloroethyl)ether
Concen: 54.144 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

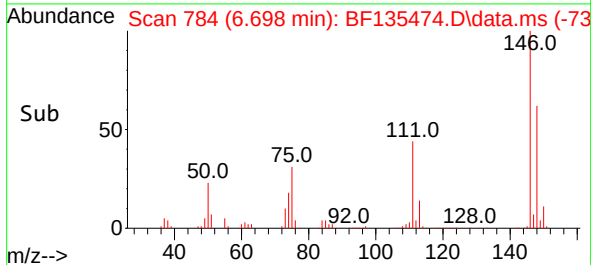
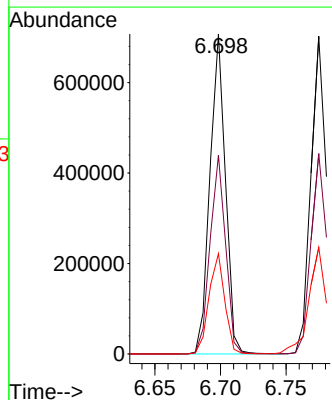
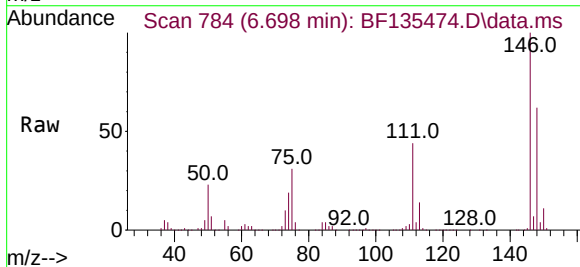
Instrument :
BNA_F
ClientSampleId :

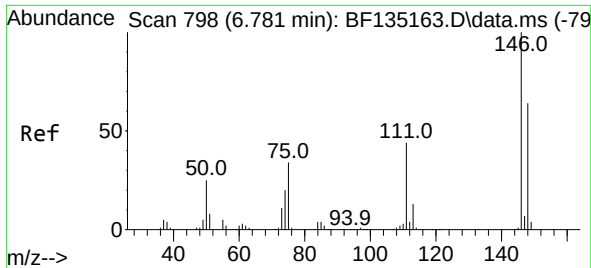
Tgt Ion: 93 Resp: 608223
Ion Ratio Lower Upper
93 100
63 86.8 67.3 107.3
95 33.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.012 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:146 Resp: 582762
Ion Ratio Lower Upper
146 100
148 62.2 51.3 76.9
75 31.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.583 ng

RT: 6.775 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

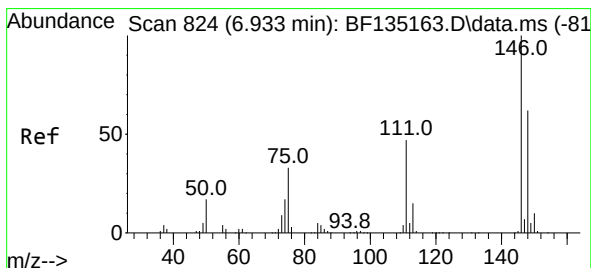
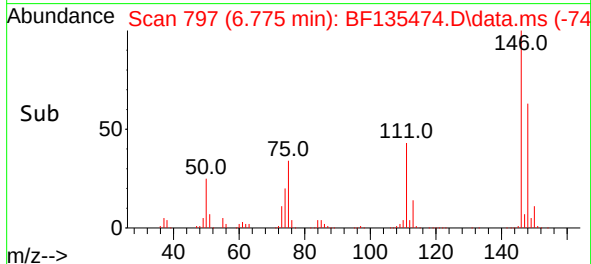
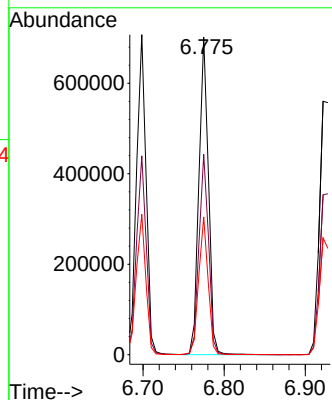
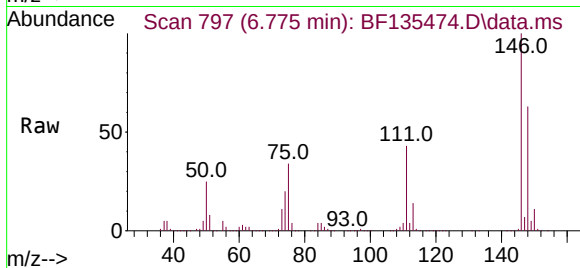
Tgt Ion:146 Resp: 575967

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

111 43.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 49.185 ng

RT: 6.922 min Scan# 822

Delta R.T. 0.000 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

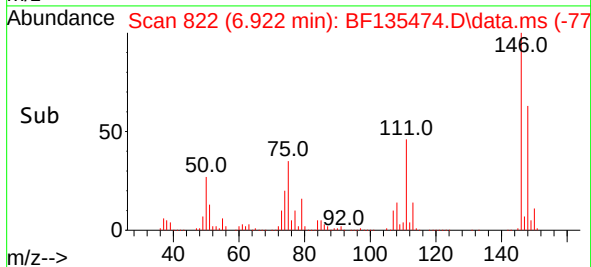
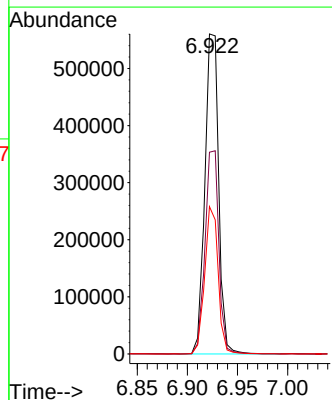
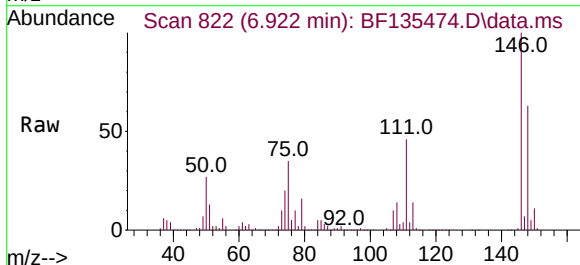
Tgt Ion:146 Resp: 541507

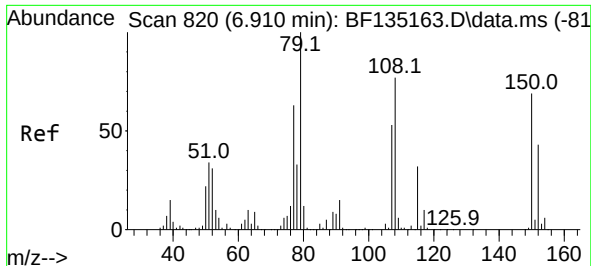
Ion Ratio Lower Upper

146 100

148 63.1 49.7 74.5

111 46.1 37.4 56.2





#15

Benzyl Alcohol

Concen: 47.744 ng

RT: 6.910 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

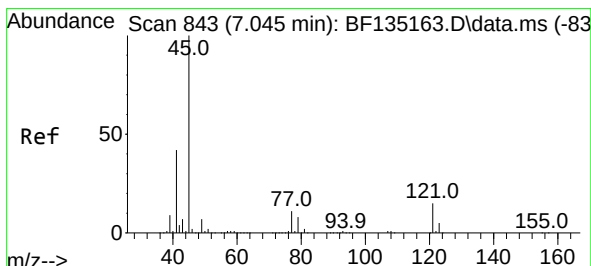
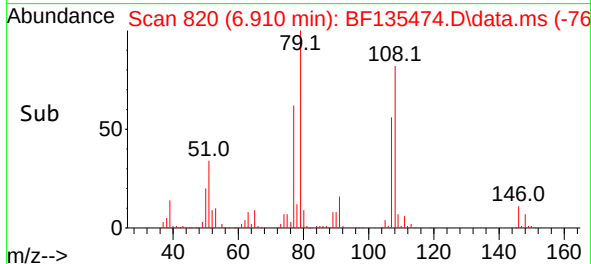
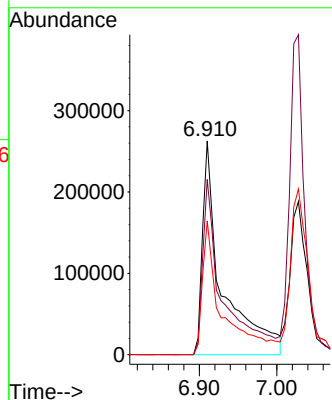
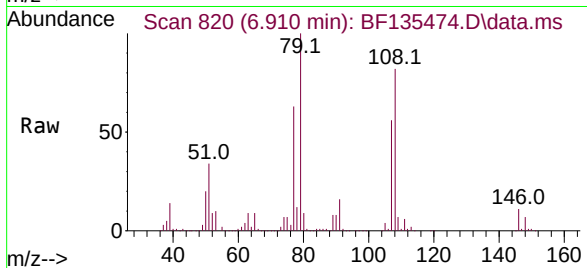
Tgt Ion: 79 Resp: 467911

Ion Ratio Lower Upper

79 100

108 82.0 61.2 91.8

77 62.6 50.5 75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.450 ng

RT: 7.034 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

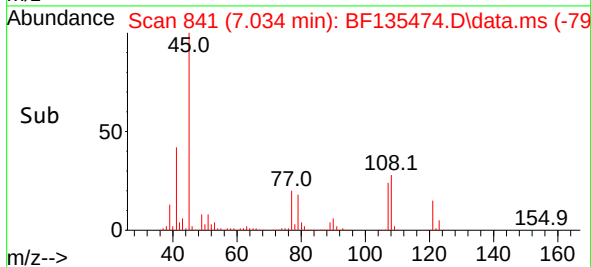
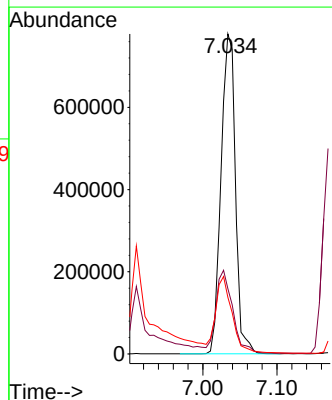
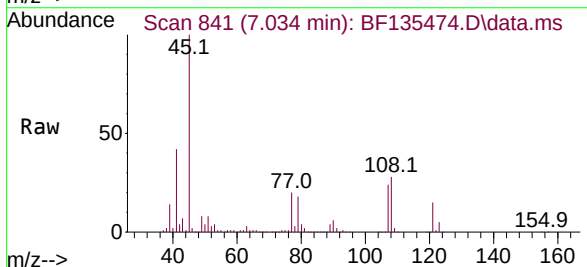
Tgt Ion: 45 Resp: 1047073

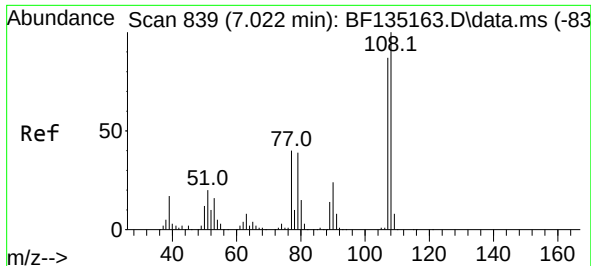
Ion Ratio Lower Upper

45 100

77 20.4 0.0 30.6

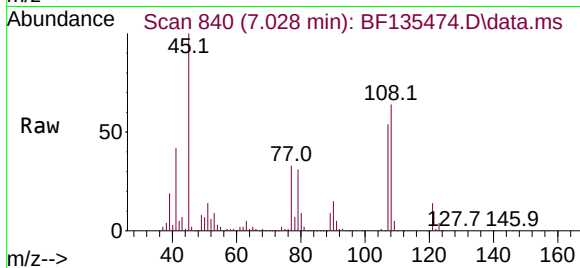
79 17.7 0.0 28.3



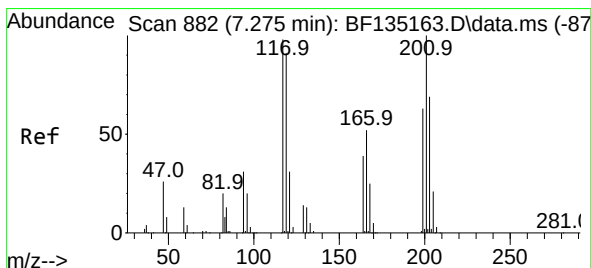
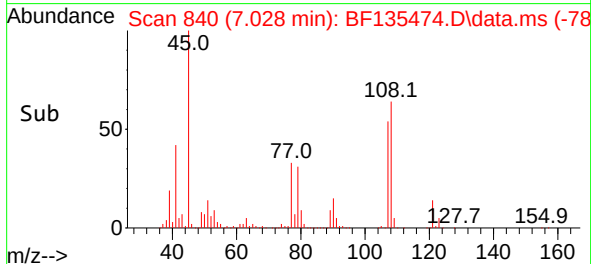
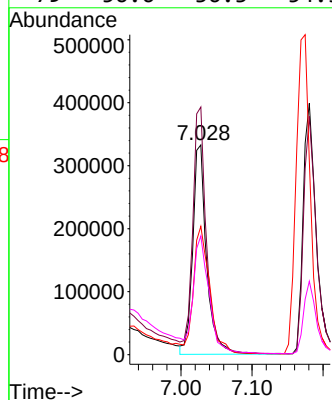


#17
2-Methylphenol
Concen: 44.579 ng
RT: 7.028 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Instrument :
BNA_F
ClientSampleId :

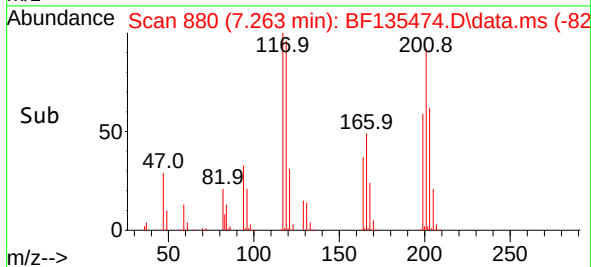
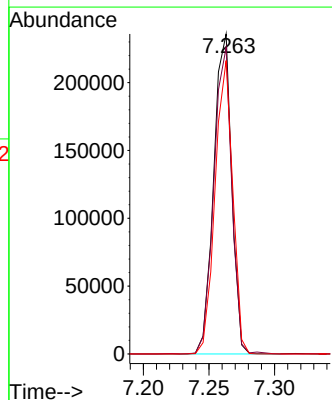
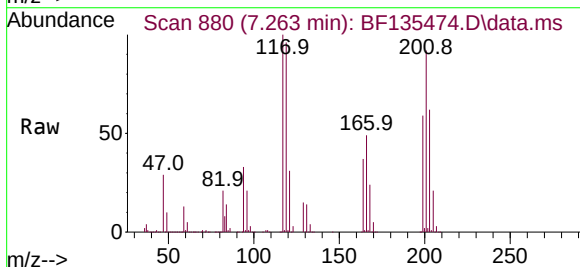


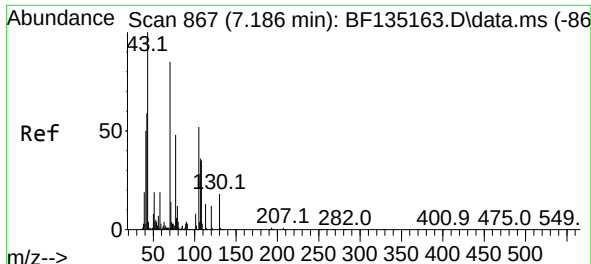
Tgt Ion:107 Resp: 451050
Ion Ratio Lower Upper
107 100
108 118.1 92.0 138.0
77 61.2 36.7 55.1#
79 56.6 36.3 54.5#



#18
Hexachloroethane
Concen: 51.205 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:117 Resp: 224299
Ion Ratio Lower Upper
117 100
119 95.8 74.7 112.1
201 91.7 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.616 ng

RT: 7.181 min Scan# 867

Delta R.T. 0.006 min

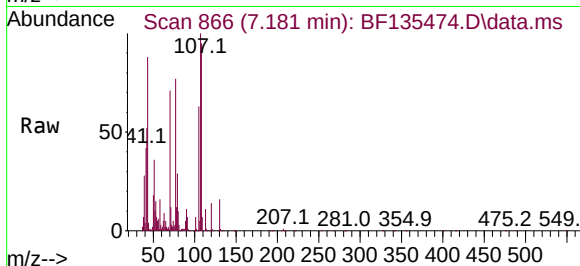
Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 368964

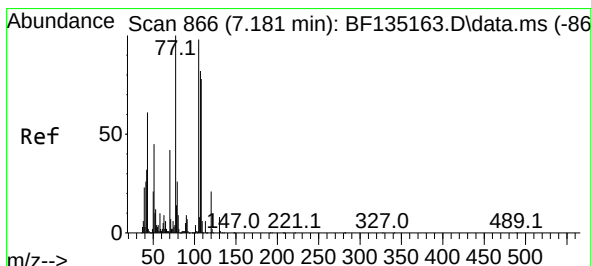
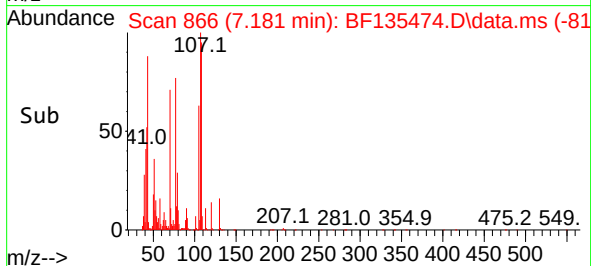
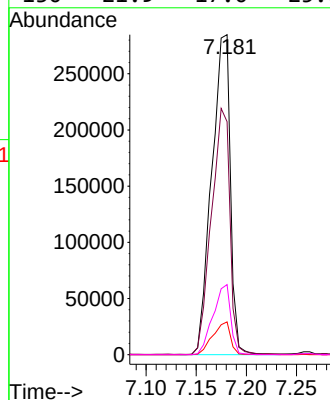
Ion Ratio Lower Upper

70 100

42 72.8 55.4 83.0

101 10.3 7.7 11.5

130 21.9 17.0 25.6



#20

3+4-Methylphenols

Concen: 41.708 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Tgt Ion: 107 Resp: 507444

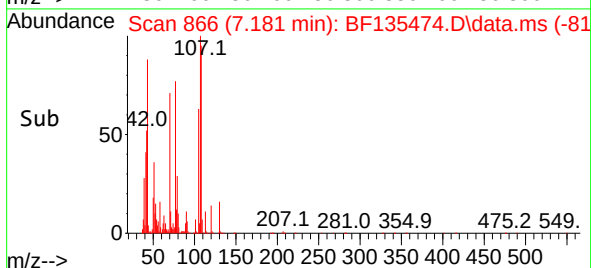
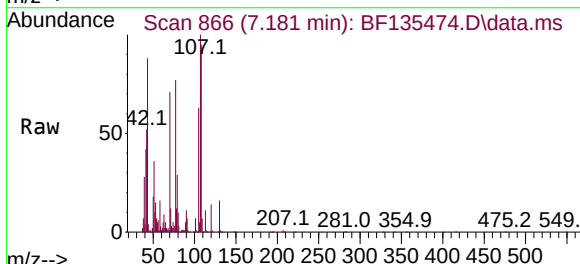
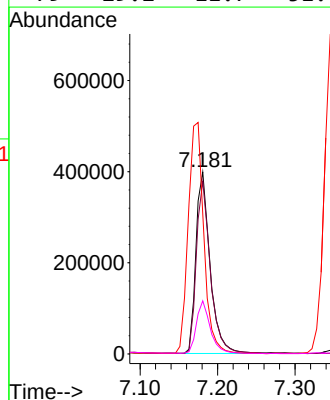
Ion Ratio Lower Upper

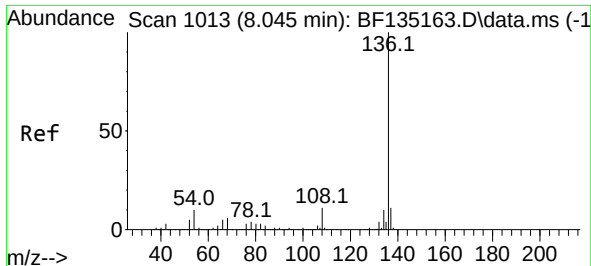
107 100

108 94.8 74.7 114.7

77 77.1 102.0 142.0#

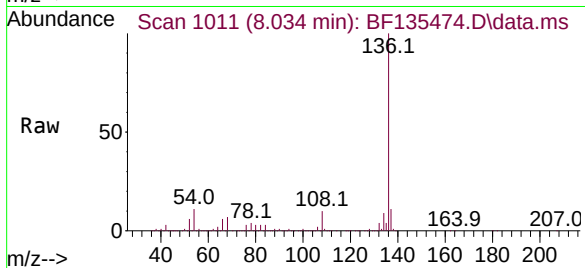
79 29.2 11.7 51.7



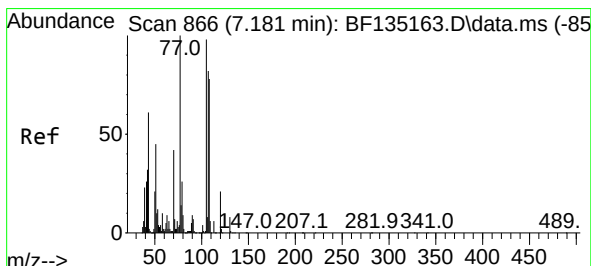
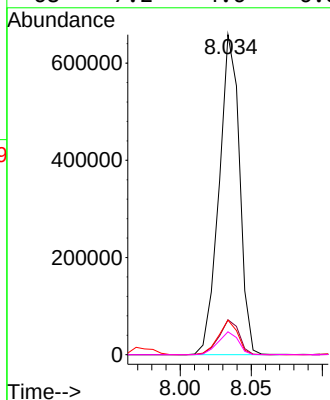
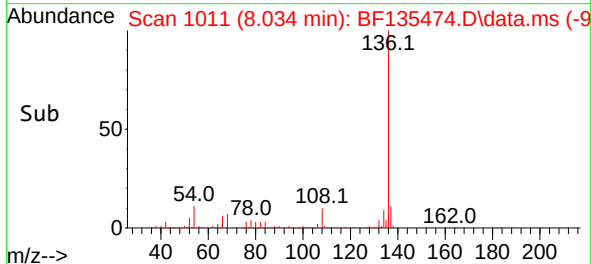


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

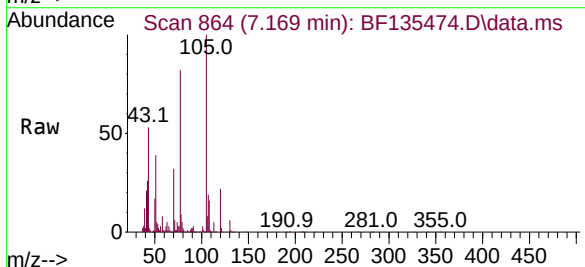
Instrument :
BNA_F
ClientSampleId :



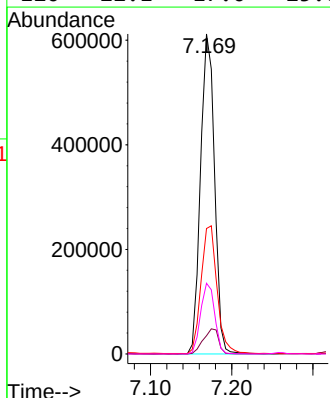
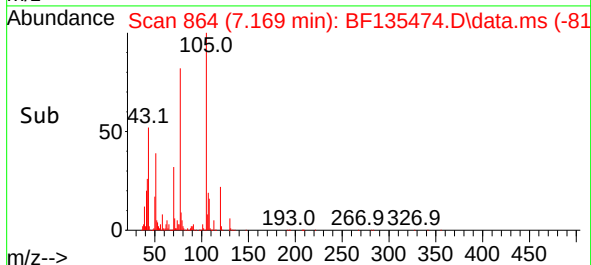
Tgt Ion:136 Resp: 657790
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.8 7.7 11.5
68 7.2 4.6 6.8#

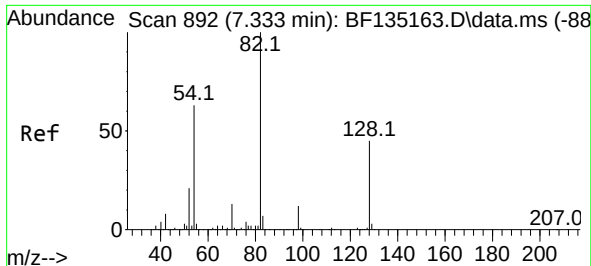


#22
Acetophenone
Concen: 48.828 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01



Tgt Ion:105 Resp: 734310
Ion Ratio Lower Upper
105 100
71 5.7 5.8 8.6#
51 39.2 37.0 55.4
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 95.708 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.006 min

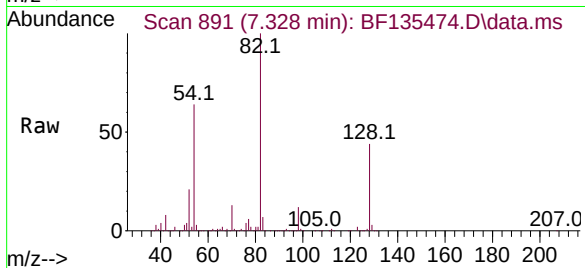
Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :



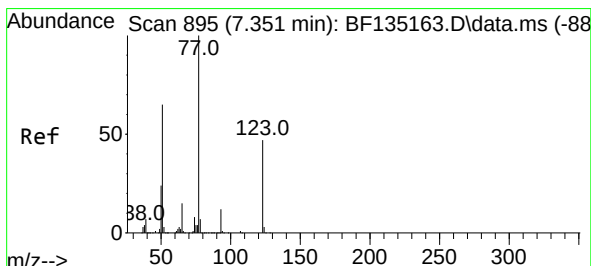
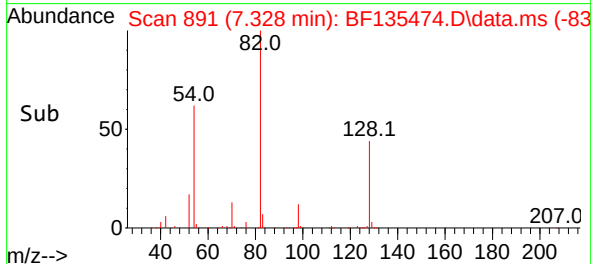
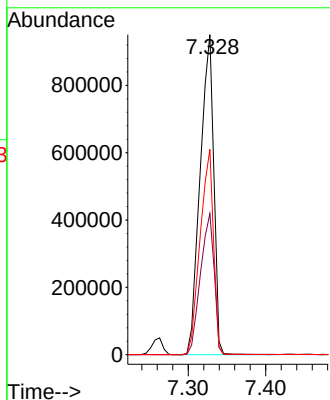
Tgt Ion: 82 Resp: 1158782

Ion Ratio Lower Upper

82 100

128 44.1 35.8 53.6

54 64.1 50.6 76.0



#24

Nitrobenzene

Concen: 50.678 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

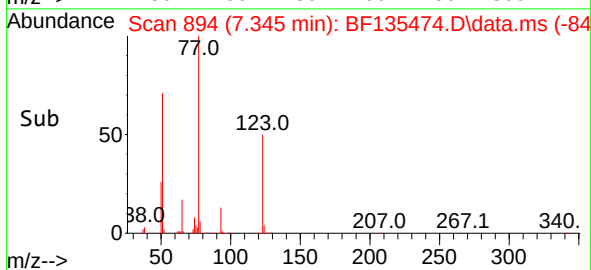
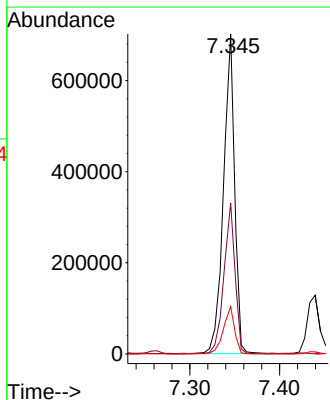
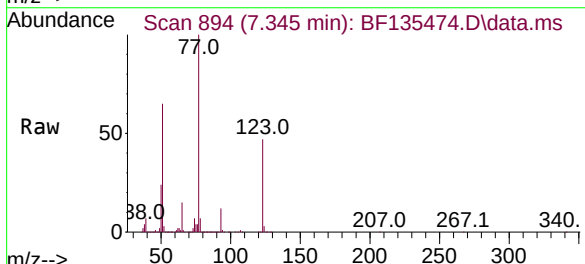
Tgt Ion: 77 Resp: 606464

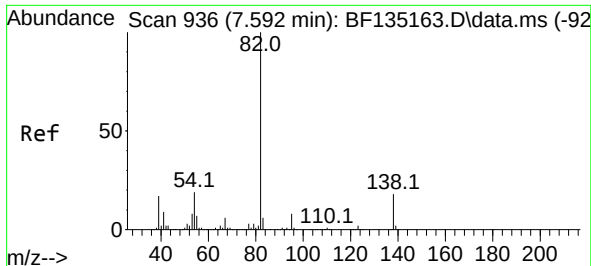
Ion Ratio Lower Upper

77 100

123 47.2 37.6 56.4

65 14.8 12.2 18.4

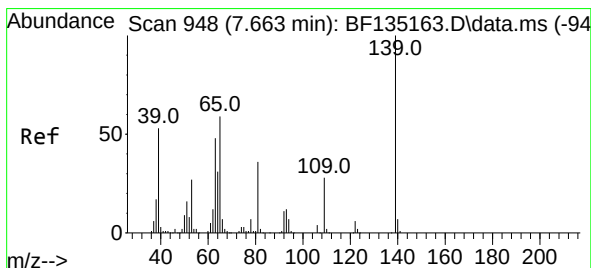
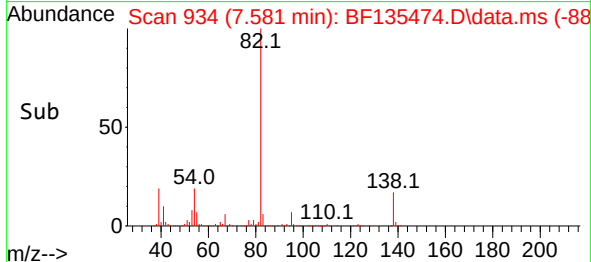
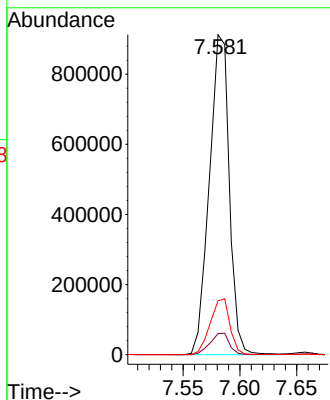
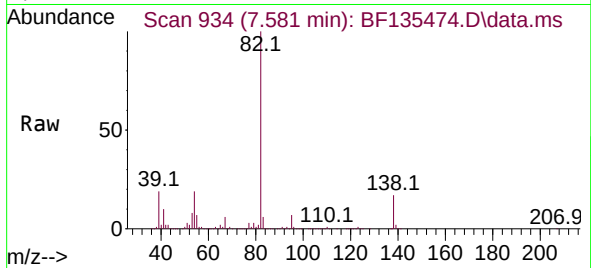




#25
Isophorone
Concen: 50.224 ng
RT: 7.581 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

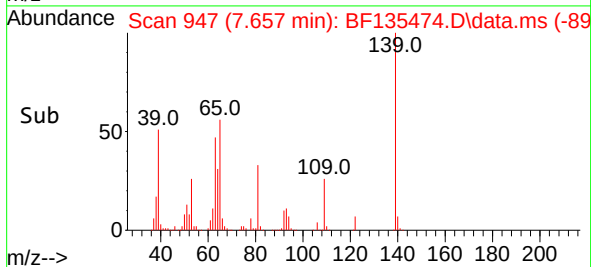
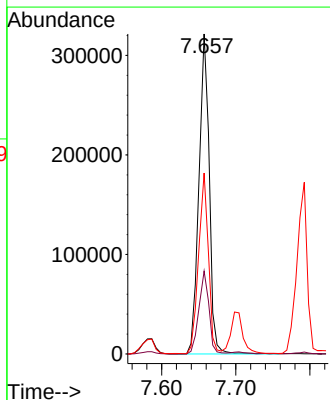
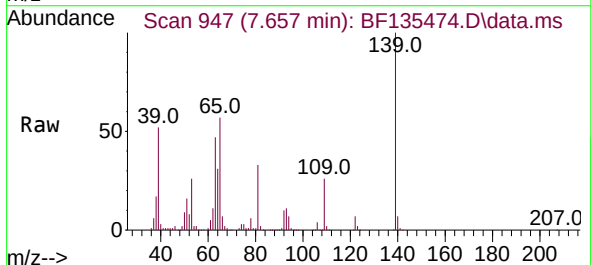
Instrument :
BNA_F
ClientSampleId :

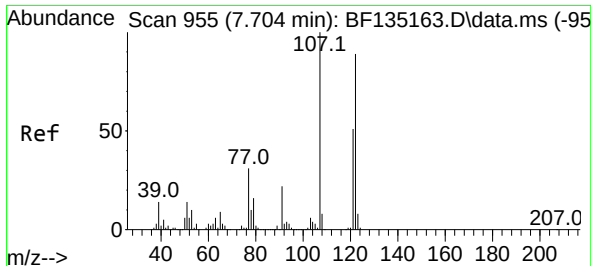
Tgt Ion: 82 Resp: 1116599
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 16.9 14.5 21.7



#26
2-Nitrophenol
Concen: 54.255 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion: 139 Resp: 311615
Ion Ratio Lower Upper
139 100
109 25.9 22.6 33.8
65 56.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.955 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.006 min

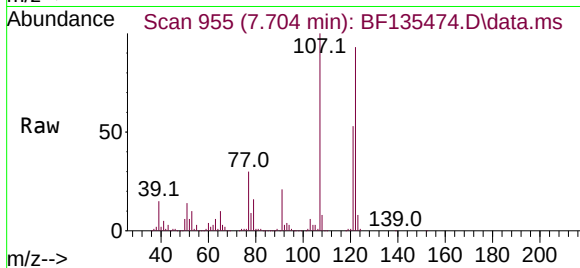
Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :



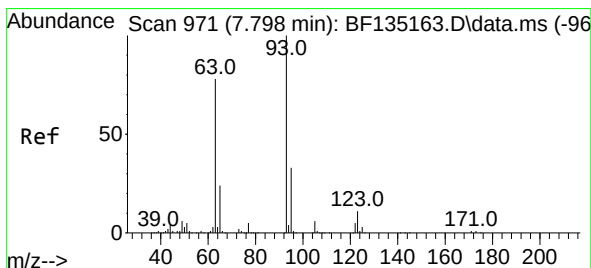
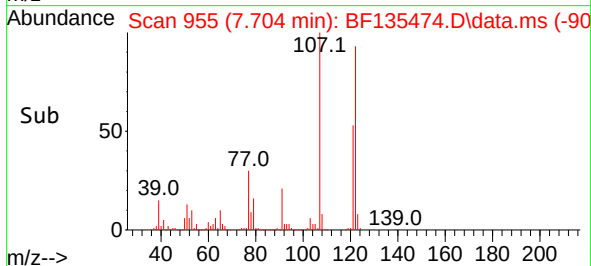
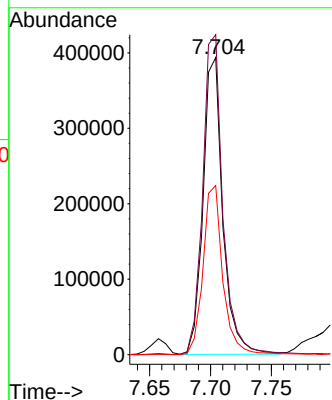
Tgt Ion:122 Resp: 443658

Ion Ratio Lower Upper

122 100

107 107.7 90.2 135.4

121 56.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 52.599 ng

RT: 7.792 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

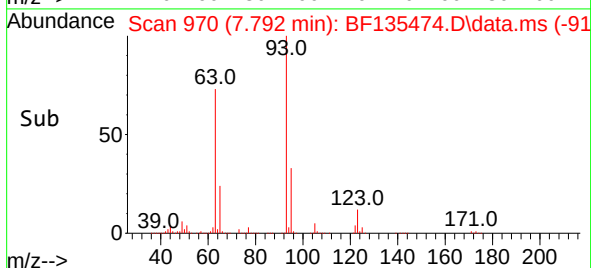
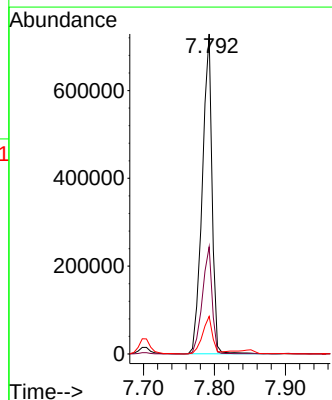
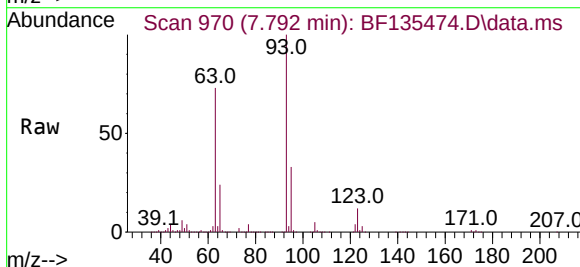
Tgt Ion: 93 Resp: 699922

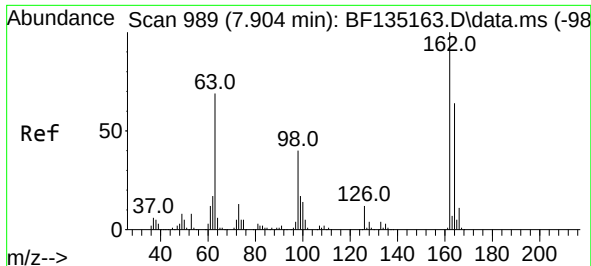
Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.2

123 11.7 8.8 13.2

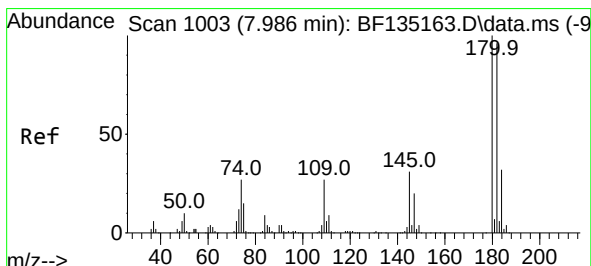
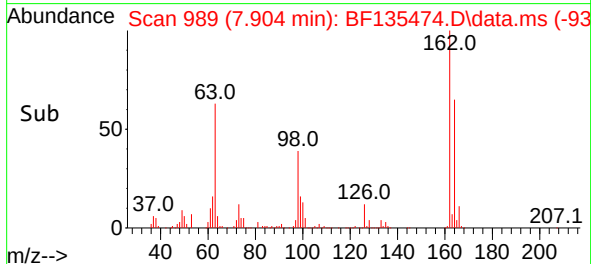
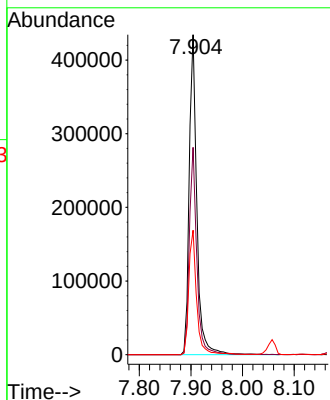
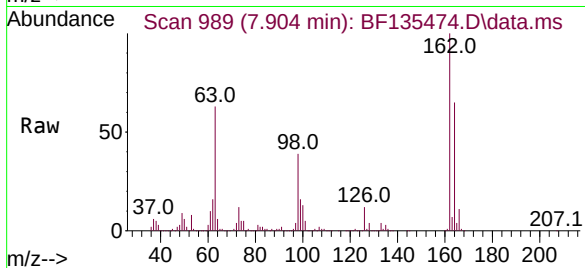




#29
2,4-Dichlorophenol
Concen: 49.691 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

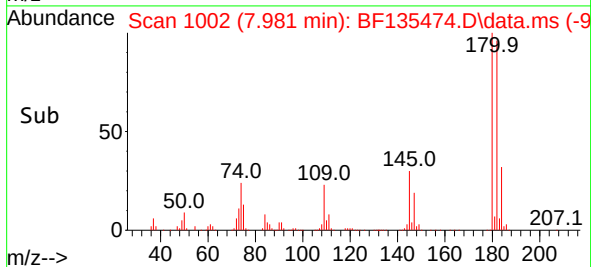
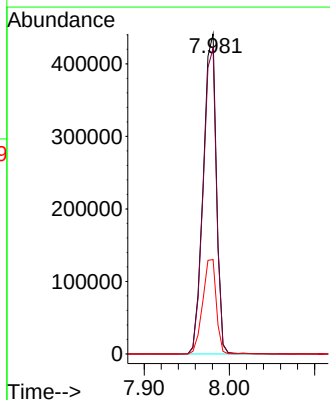
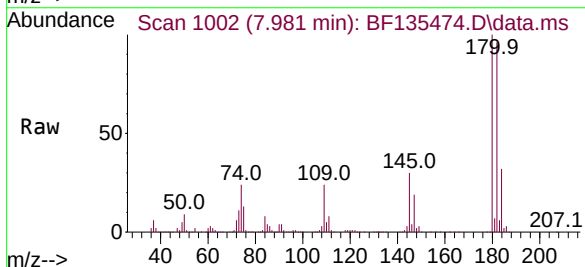
Instrument :
BNA_F
ClientSampleId :

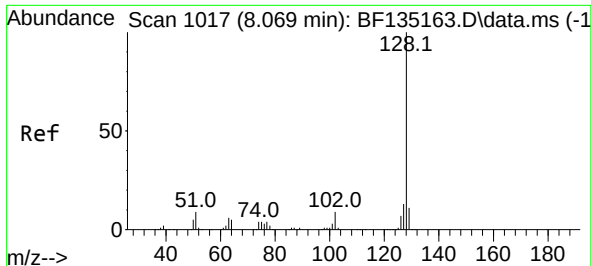
Tgt Ion:162 Resp: 444520
Ion Ratio Lower Upper
162 100
164 64.8 44.1 84.1
98 38.9 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 50.593 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:180 Resp: 473057
Ion Ratio Lower Upper
180 100
182 95.6 76.9 115.3
145 29.5 24.5 36.7

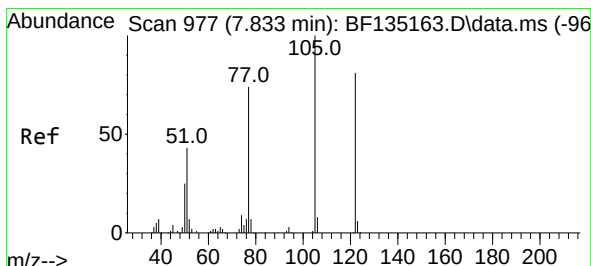
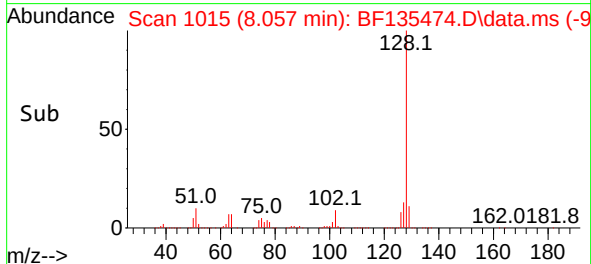
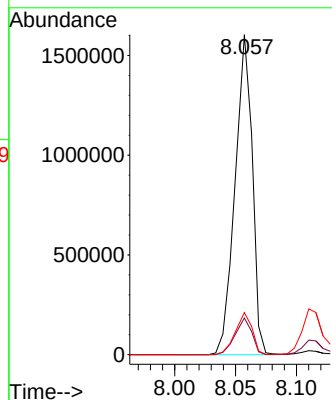
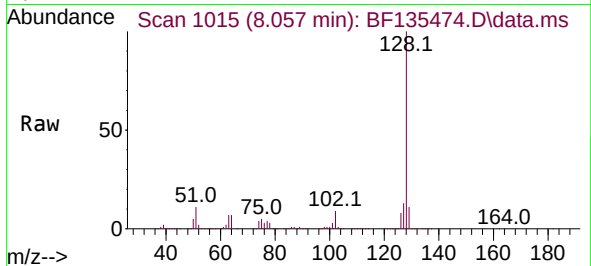




#31
Naphthalene
Concen: 49.353 ng
RT: 8.057 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

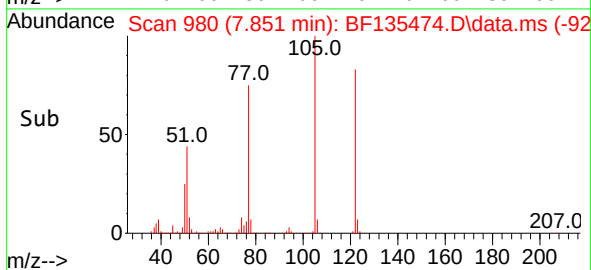
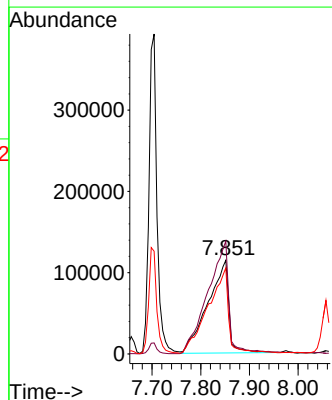
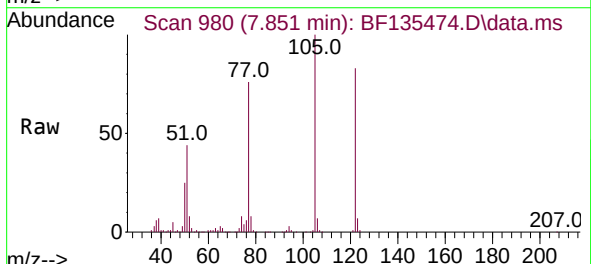
Instrument :
BNA_F
ClientSampleId :

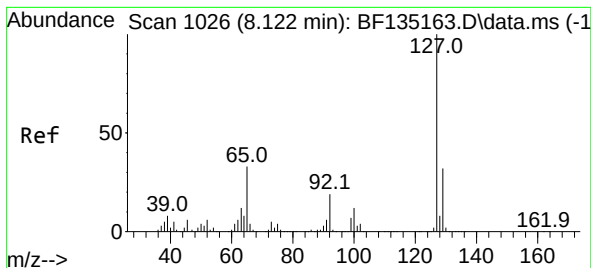
Tgt Ion:128 Resp: 1577318
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 46.803 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.024 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:122 Resp: 340244
Ion Ratio Lower Upper
122 100
105 120.3 99.9 139.9
77 91.9 70.0 110.0





#33

4-Chloroaniline

Concen: 21.055 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.000 min

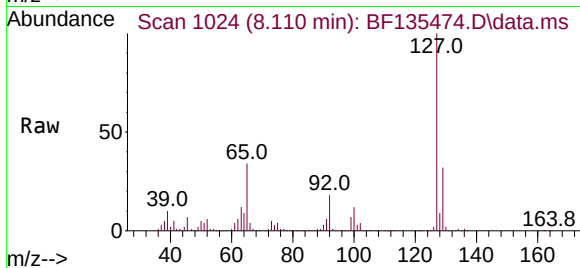
Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:127 Resp: 295233

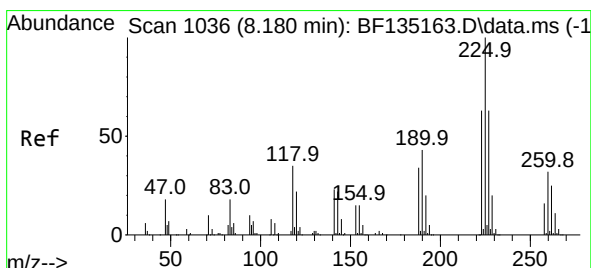
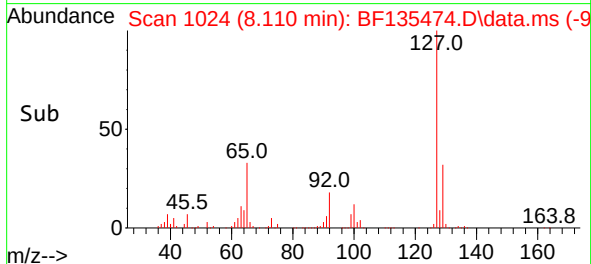
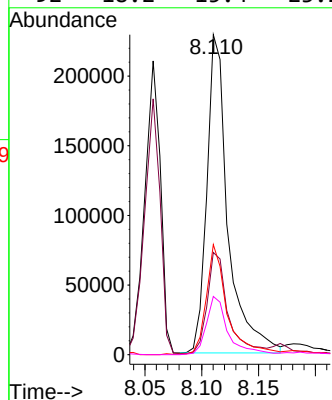
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.8

65 34.4 26.6 39.8

92 18.2 15.4 23.2



#34

Hexachlorobutadiene

Concen: 47.155 ng

RT: 8.169 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

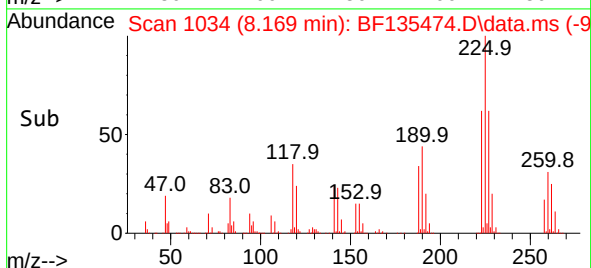
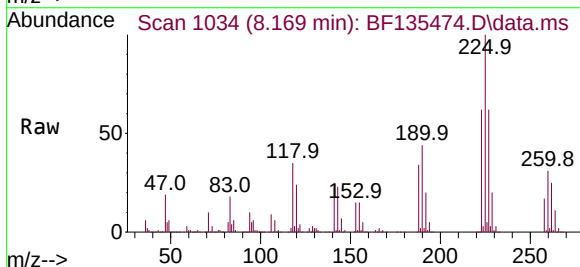
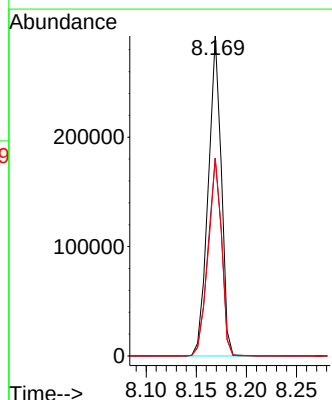
Tgt Ion:225 Resp: 265860

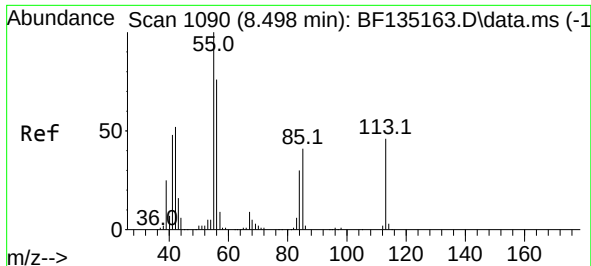
Ion Ratio Lower Upper

225 100

223 61.8 50.6 75.8

227 61.8 50.8 76.2

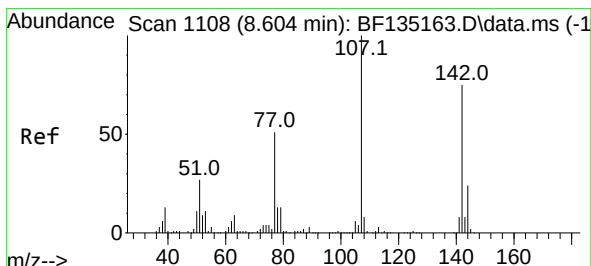
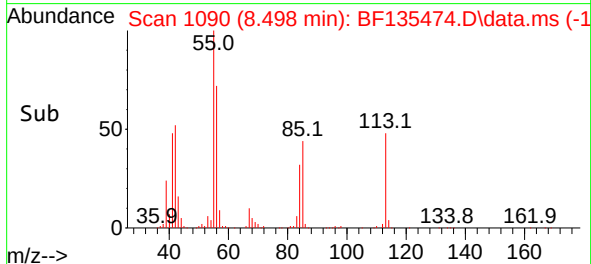
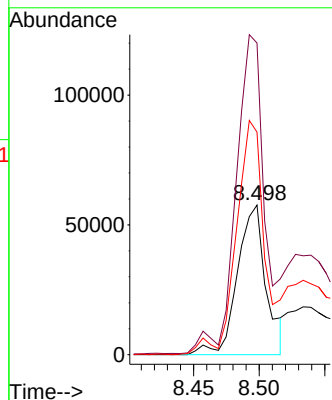
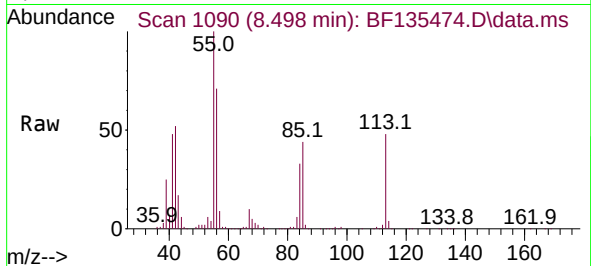




#35
 Caprolactam
 Concen: 29.085 ng
 RT: 8.498 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135474.D
 Acq: 27 Sep 2023 16:01

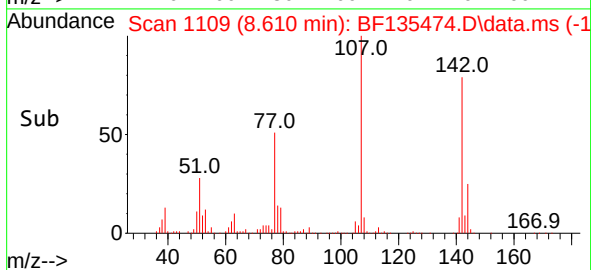
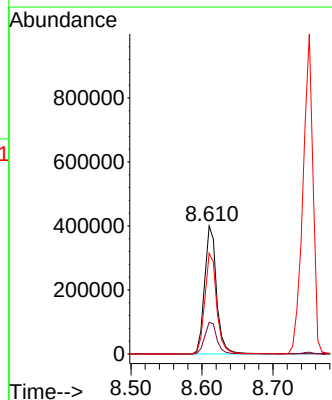
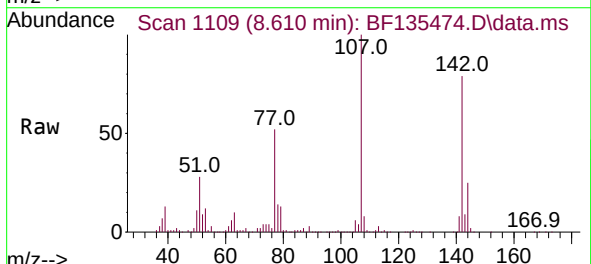
Instrument :
 BNA_F
 ClientSampleId :

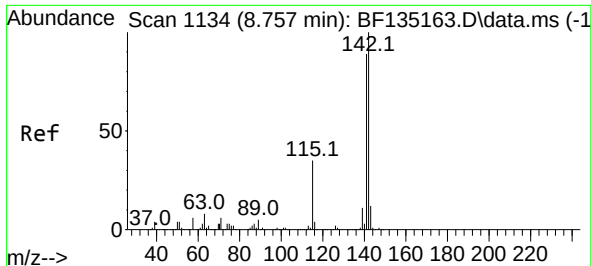
Tgt Ion:113 Resp: 87321
 Ion Ratio Lower Upper
 113 100
 55 208.4 199.3 239.3
 56 148.8 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.402 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135474.D
 Acq: 27 Sep 2023 16:01

Tgt Ion:107 Resp: 471295
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.0 28.4
 142 78.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 45.404 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

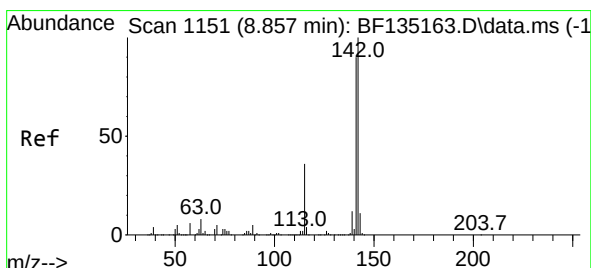
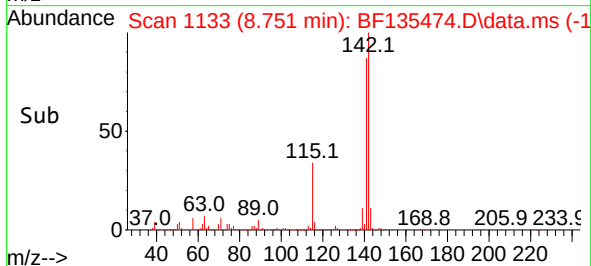
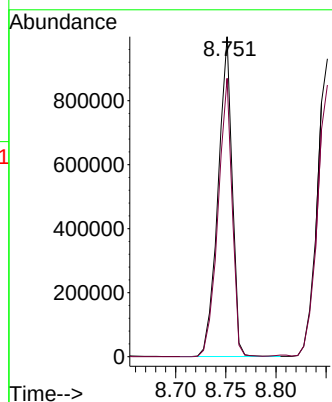
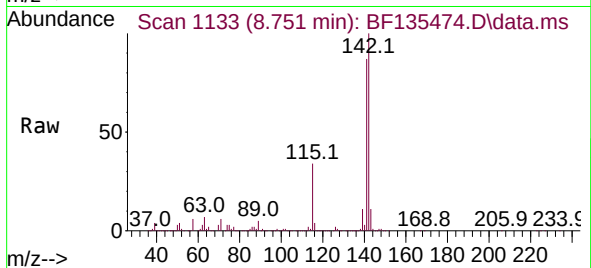
ClientSampleId :

Tgt Ion:142 Resp: 975440

Ion Ratio Lower Upper

142 100

141 87.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 45.763 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BF135474.D

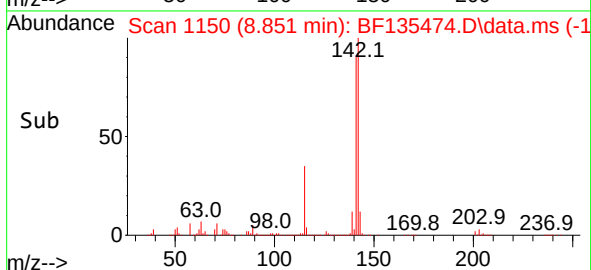
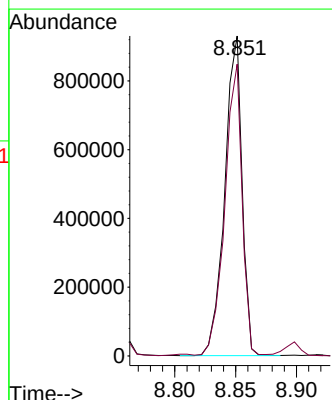
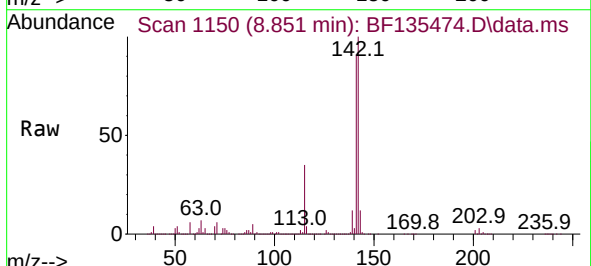
Acq: 27 Sep 2023 16:01

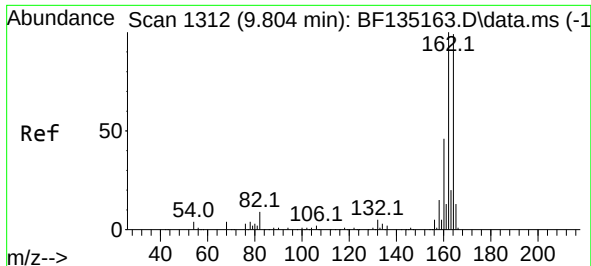
Tgt Ion:142 Resp: 920469

Ion Ratio Lower Upper

142 100

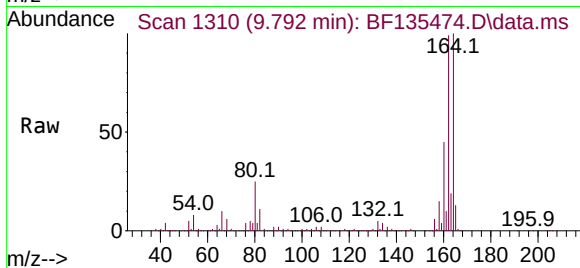
141 91.2 72.4 108.6



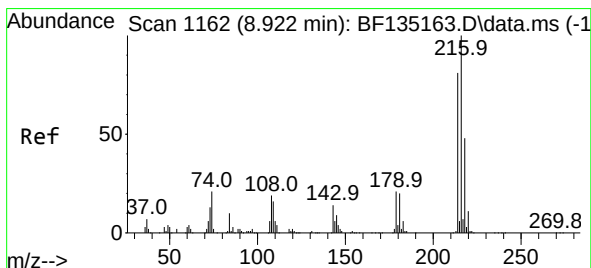
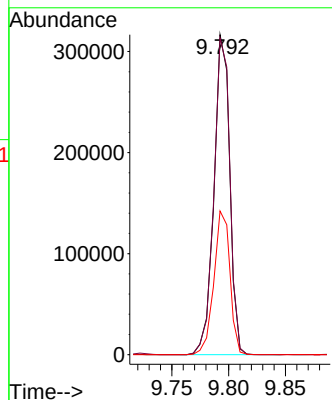
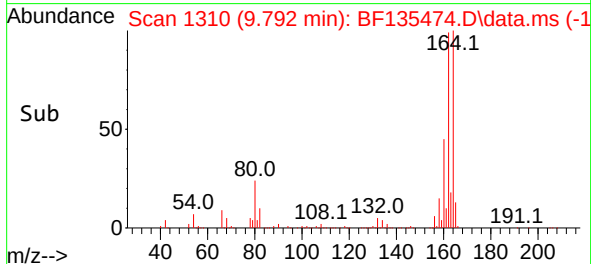


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

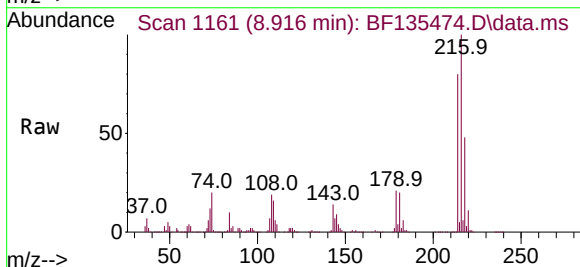
Instrument :
BNA_F
ClientSampleId :



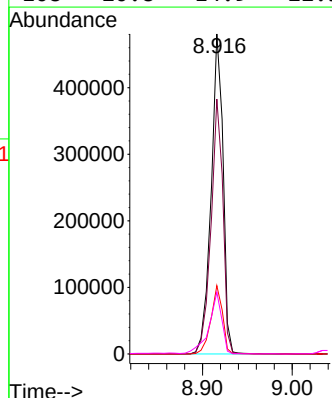
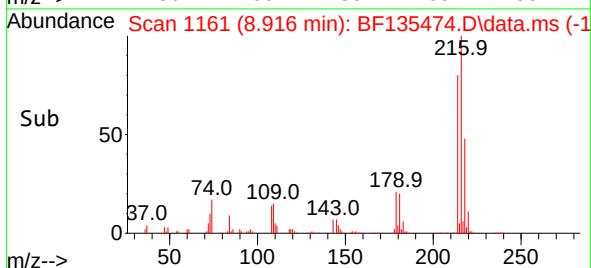
Tgt Ion:164 Resp: 305930
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.4
160 44.9 37.0 55.4

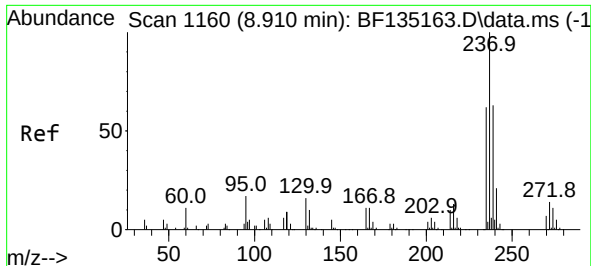


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.163 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01



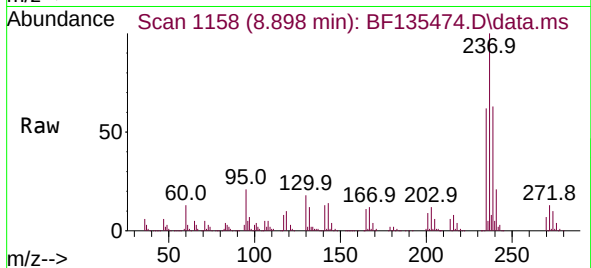
Tgt Ion:216 Resp: 444594
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.8 16.7 25.1
108 20.8 14.9 22.3



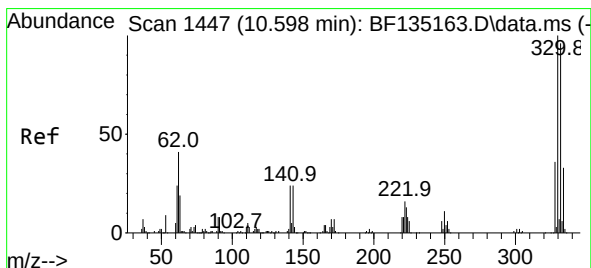
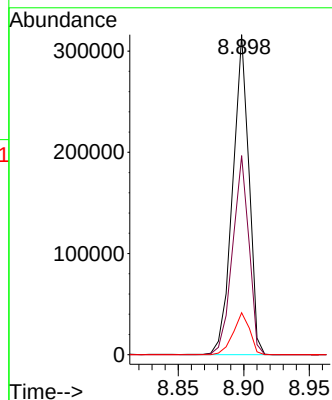
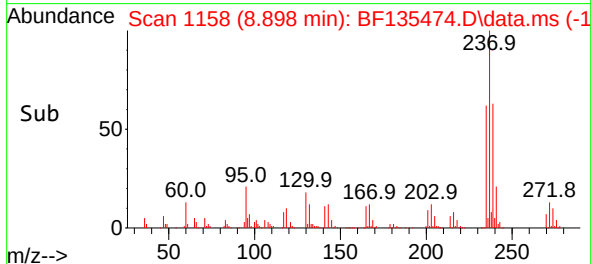


#41
 Hexachlorocyclopentadiene
 Concen: 70.860 ng
 RT: 8.898 min Scan# 1158
 Delta R.T. 0.000 min
 Lab File: BF135474.D
 Acq: 27 Sep 2023 16:01

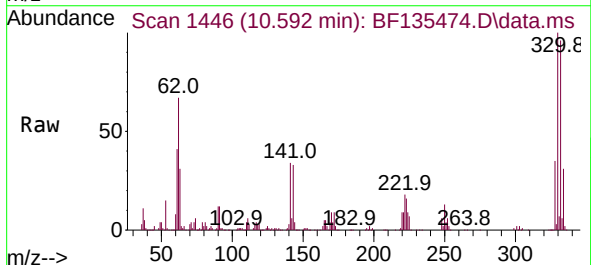
Instrument :
 BNA_F
 ClientSampleId :



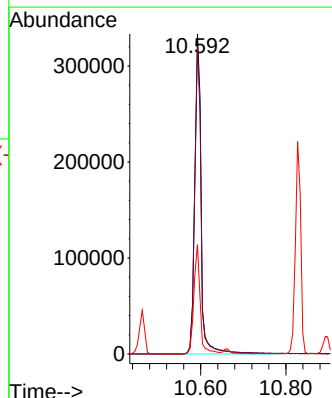
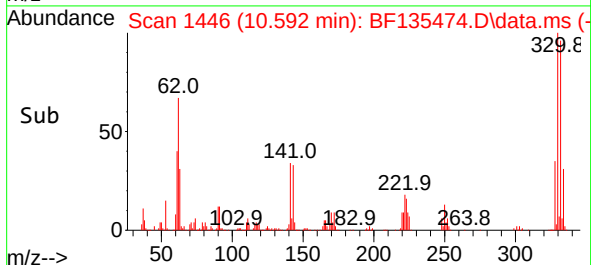
Tgt Ion: 237 Resp: 273100
 Ion Ratio Lower Upper
 237 100
 235 62.2 41.8 81.8
 272 13.1 0.0 33.6

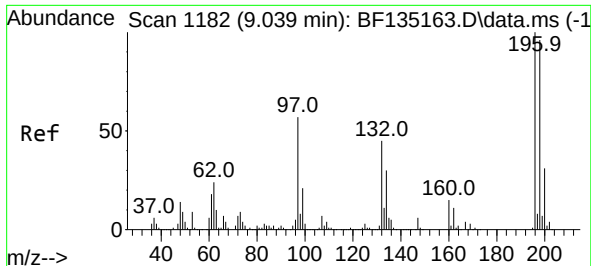


#42
 2,4,6-Tribromophenol
 Concen: 114.667 ng
 RT: 10.592 min Scan# 1446
 Delta R.T. 0.006 min
 Lab File: BF135474.D
 Acq: 27 Sep 2023 16:01



Tgt Ion: 330 Resp: 348610
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 33.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 49.835 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

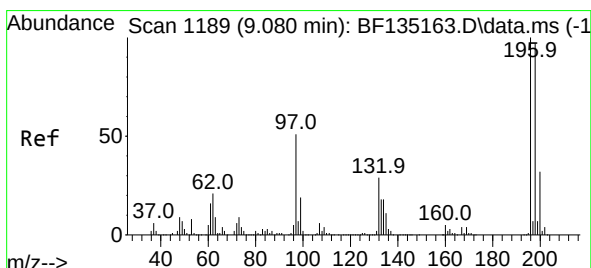
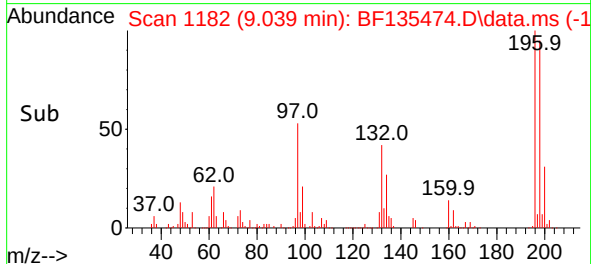
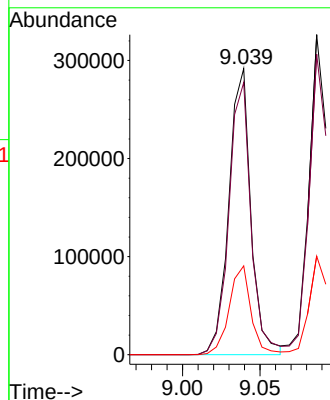
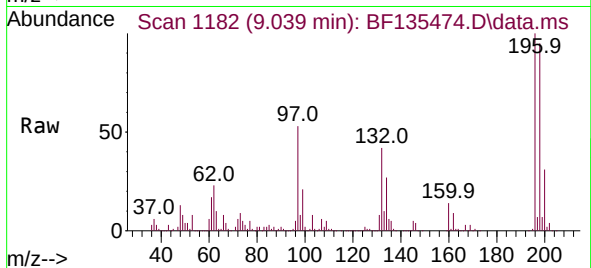
Tgt Ion:196 Resp: 289191

Ion Ratio Lower Upper

196 100

198 95.2 77.0 115.6

200 31.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.998 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.012 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Tgt Ion:196 Resp: 314081

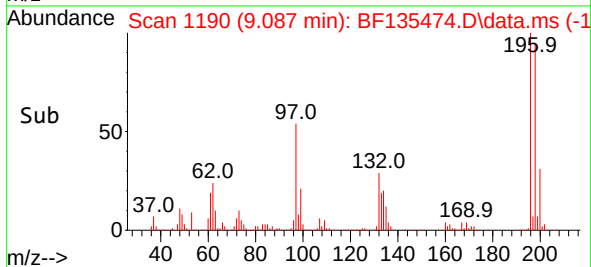
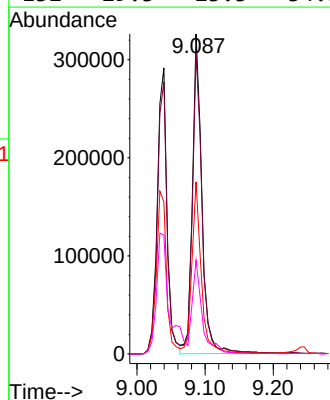
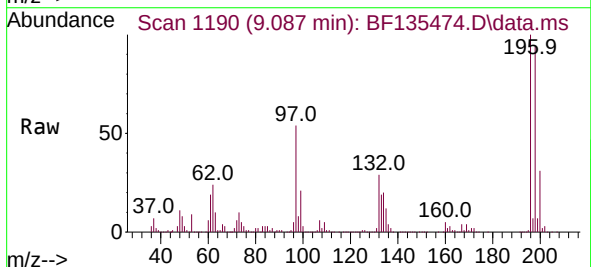
Ion Ratio Lower Upper

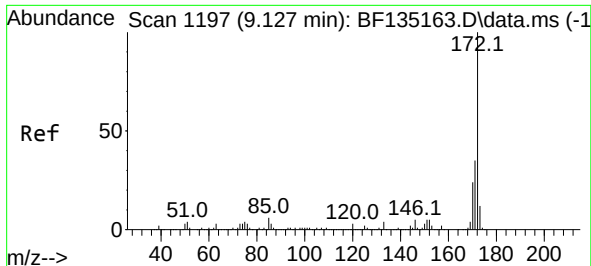
196 100

198 93.9 77.5 116.3

97 53.8 40.5 60.7

132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 90.064 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

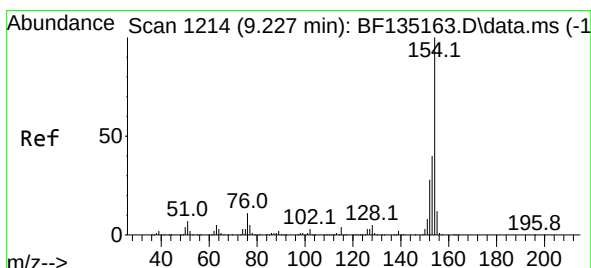
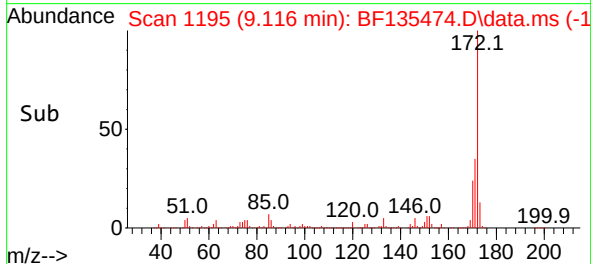
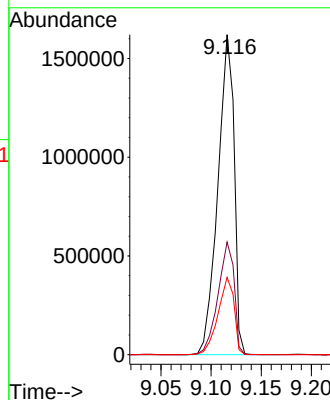
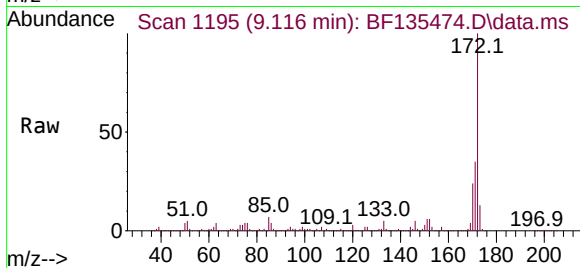
Tgt Ion:172 Resp: 1826267

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 50.759 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

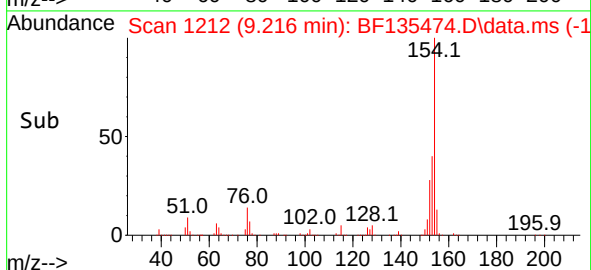
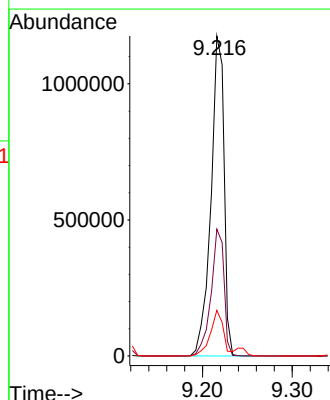
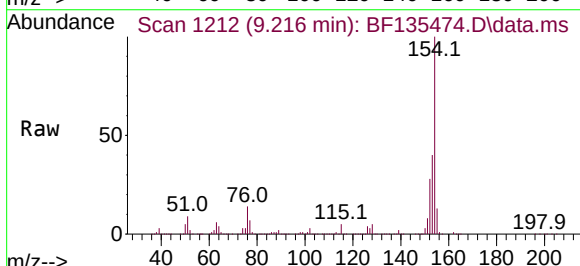
Tgt Ion:154 Resp: 1193366

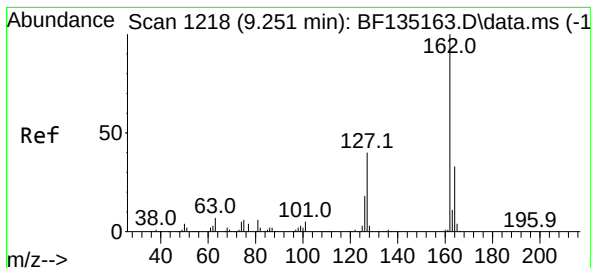
Ion Ratio Lower Upper

154 100

153 39.6 19.6 59.6

76 14.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 52.470 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

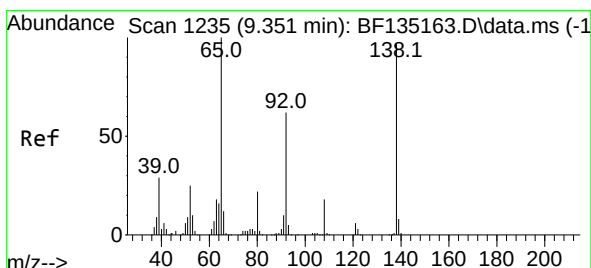
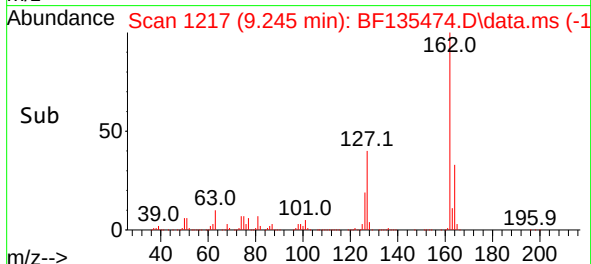
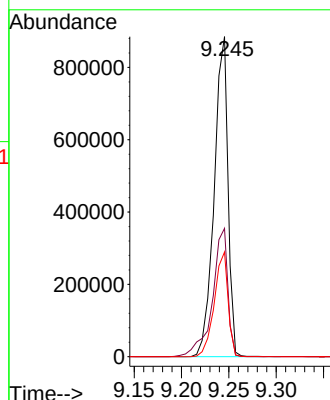
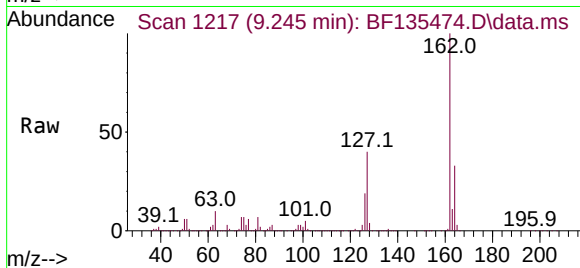
Tgt Ion:162 Resp: 895039

Ion Ratio Lower Upper

162 100

127 40.1 32.6 48.8

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 52.326 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

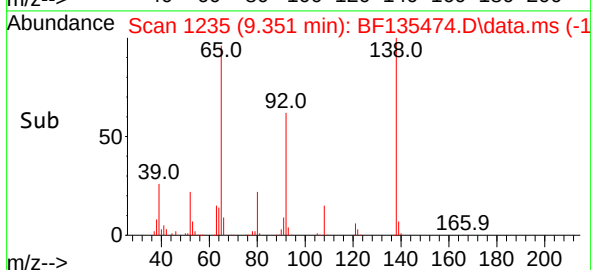
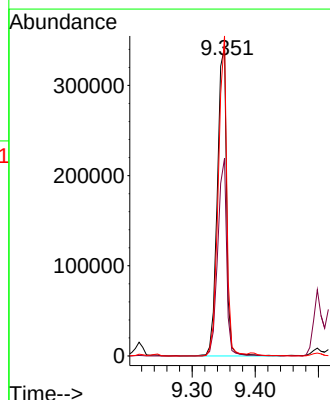
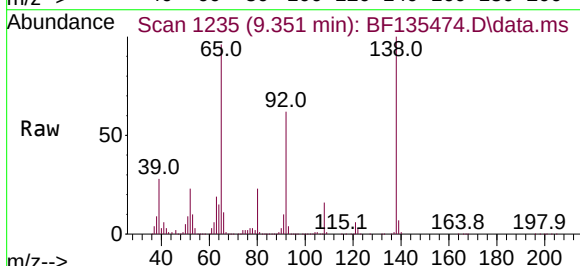
Tgt Ion: 65 Resp: 346767

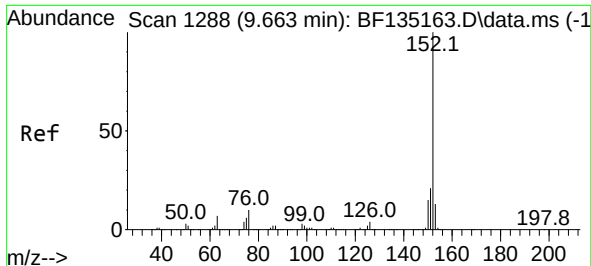
Ion Ratio Lower Upper

65 100

92 64.0 49.4 74.0

138 103.7 77.4 116.0





#49

Acenaphthylene

Concen: 49.530 ng

RT: 9.657 min Scan# 1

Delta R.T. 0.000 min

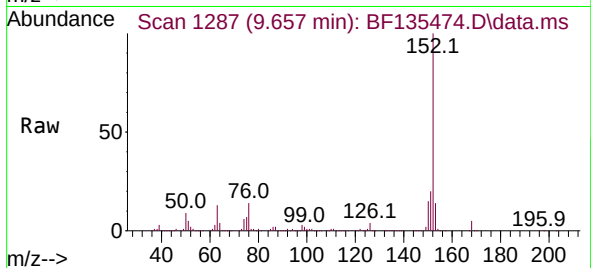
Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :



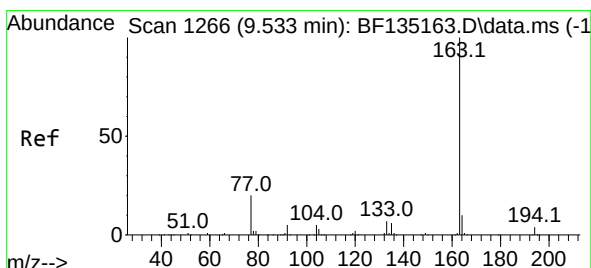
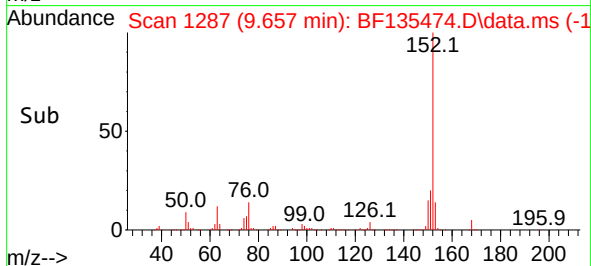
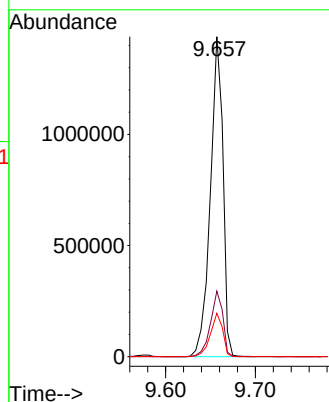
Tgt Ion:152 Resp: 1404139

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 49.819 ng

RT: 9.528 min Scan# 1265

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

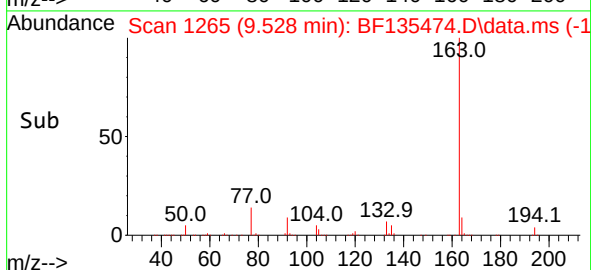
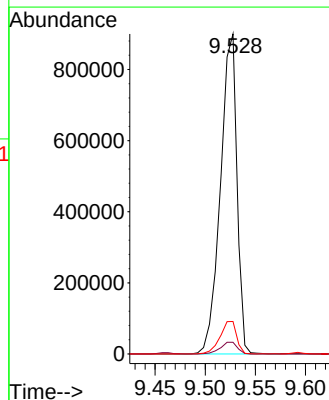
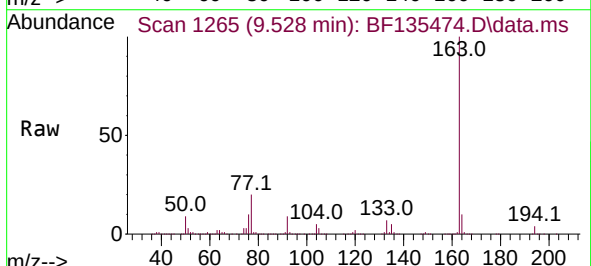
Tgt Ion:163 Resp: 1030459

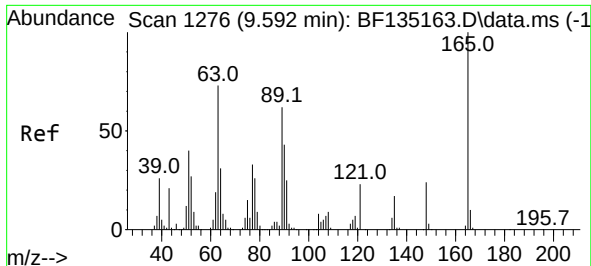
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.2 8.1 12.1

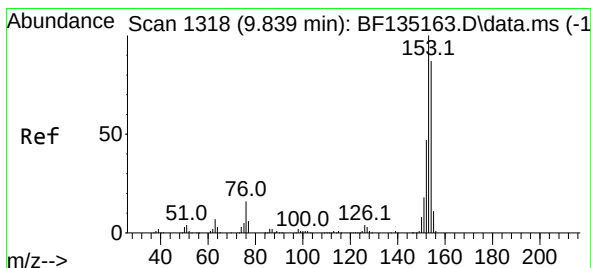
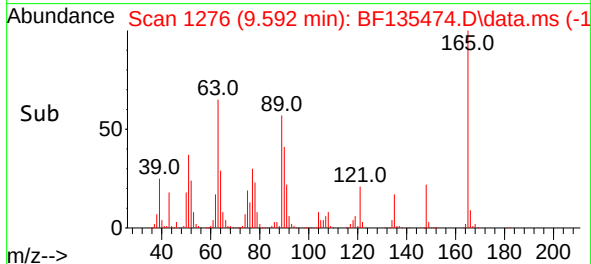
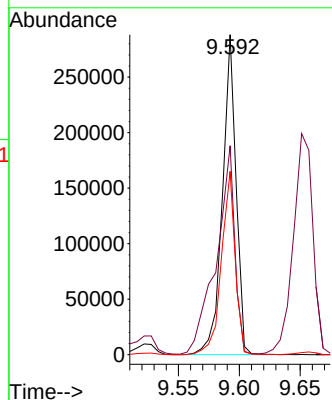
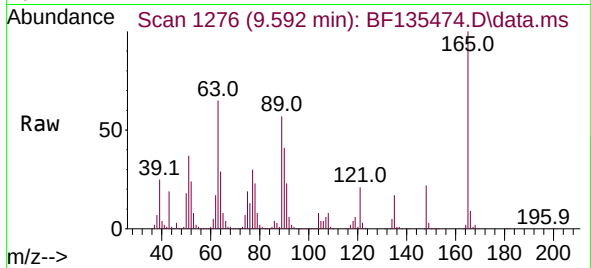




#51
2,6-Dinitrotoluene
Concen: 49.806 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

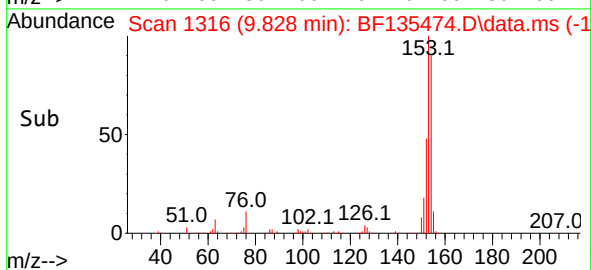
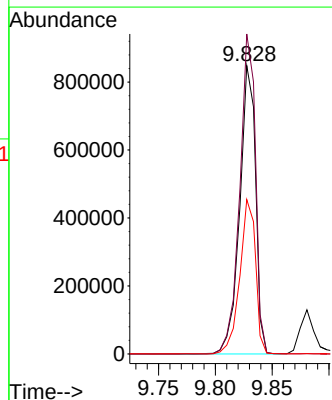
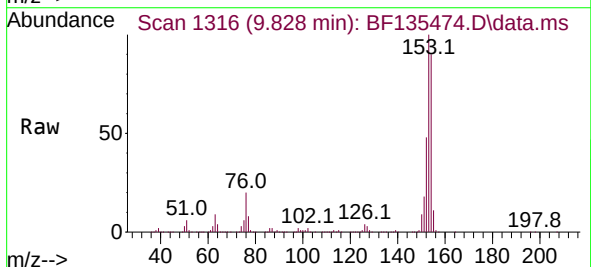
Instrument :
BNA_F
ClientSampleId :

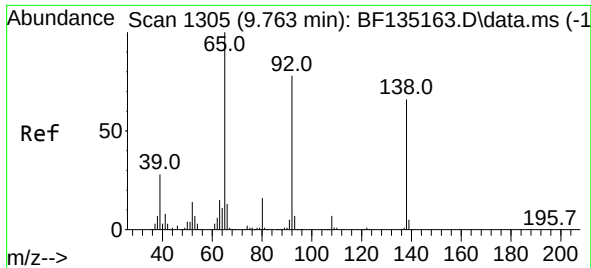
Tgt Ion:165 Resp: 225681
Ion Ratio Lower Upper
165 100
63 65.3 59.4 89.2
89 57.3 49.8 74.8



#52
Acenaphthene
Concen: 49.185 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:154 Resp: 823703
Ion Ratio Lower Upper
154 100
153 111.0 92.1 138.1
152 53.6 43.1 64.7

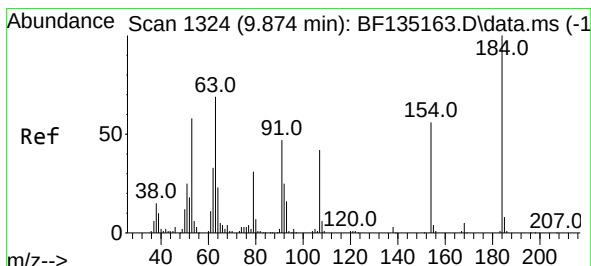
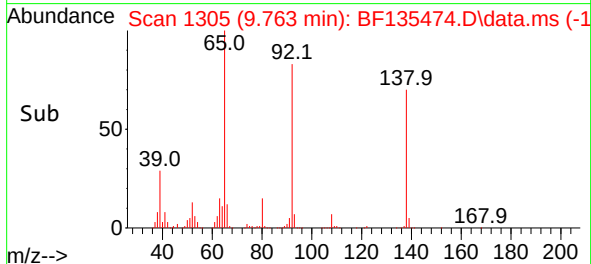
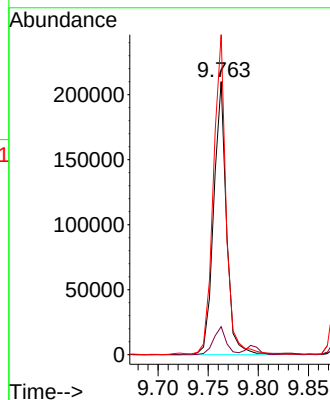
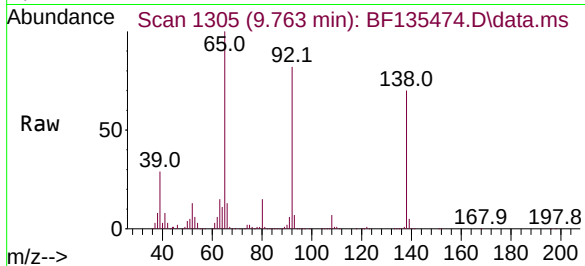




#53
3-Nitroaniline
Concen: 35.080 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

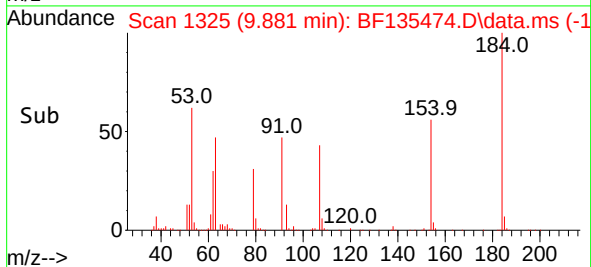
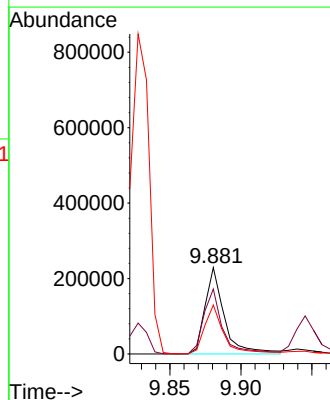
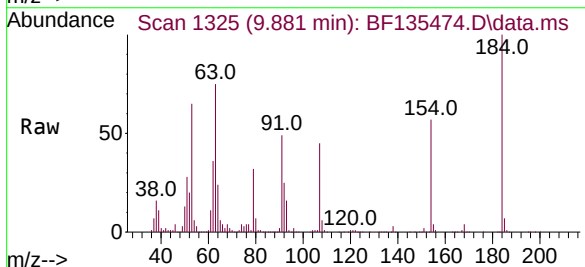
Instrument :
BNA_F
ClientSampleId :

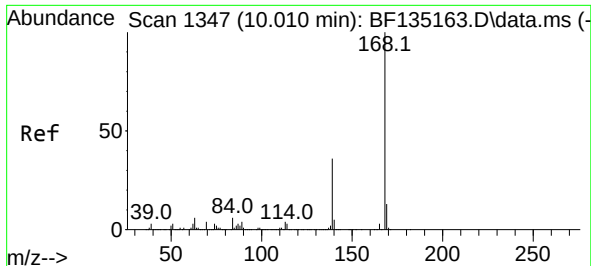
Tgt Ion:138 Resp: 186584
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 117.1 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 83.927 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:184 Resp: 216744
Ion Ratio Lower Upper
184 100
63 75.1 55.1 82.7
154 56.6 48.4 72.6





#55

Dibenzofuran

Concen: 44.842 ng

RT: 10.004 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

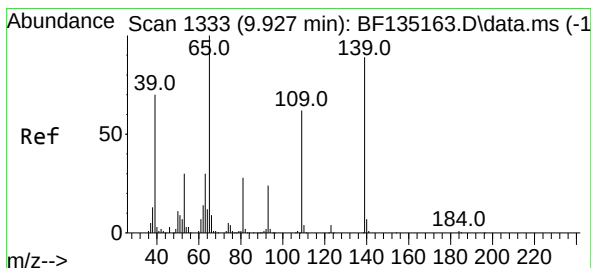
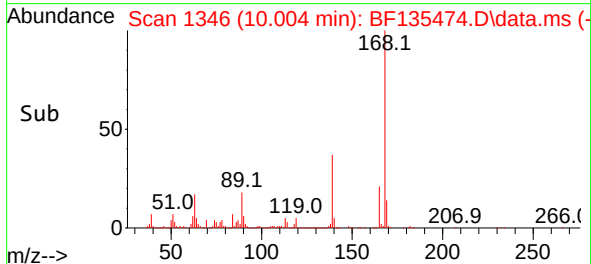
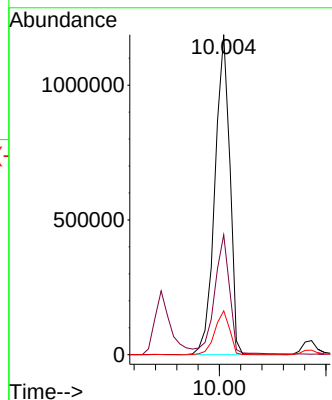
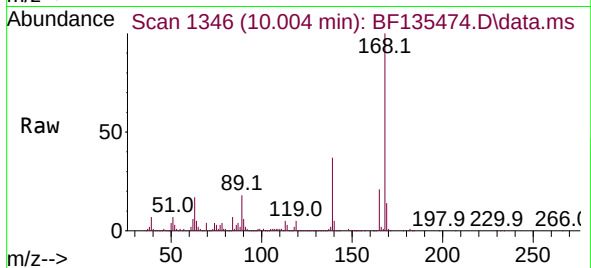
Tgt Ion:168 Resp: 1145982

Ion Ratio Lower Upper

168 100

139 37.4 29.0 43.6

169 13.7 10.4 15.6



#56

4-Nitrophenol

Concen: 72.420 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.012 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

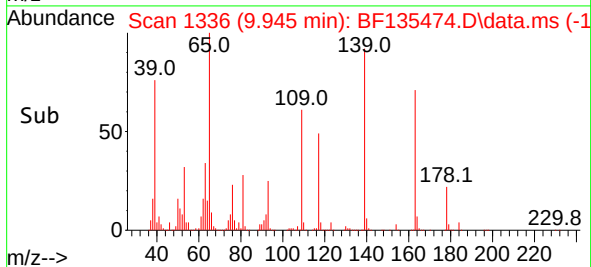
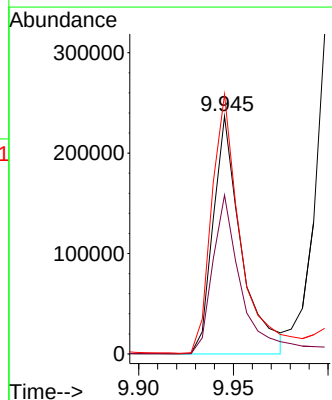
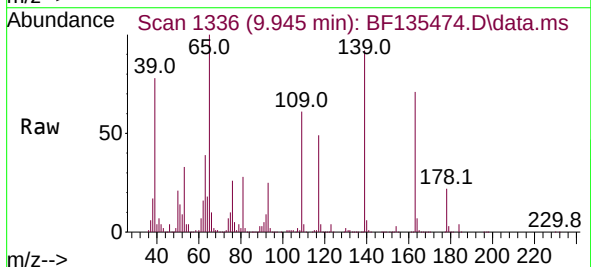
Tgt Ion:139 Resp: 244809

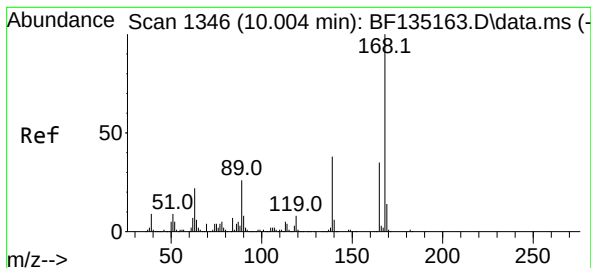
Ion Ratio Lower Upper

139 100

109 66.9 49.8 89.8

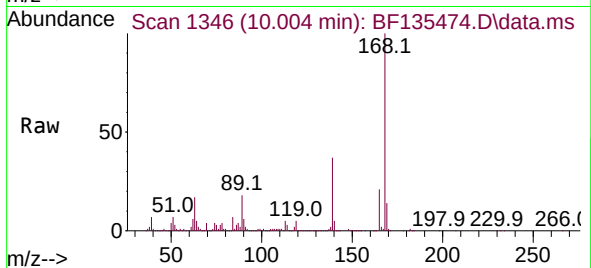
65 109.2 92.7 132.7



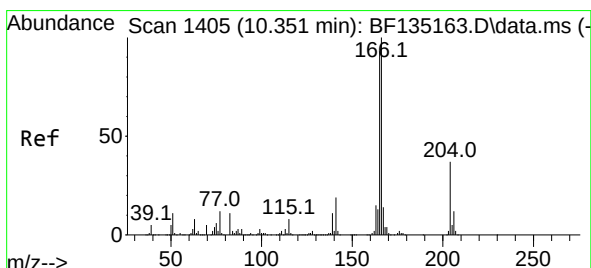
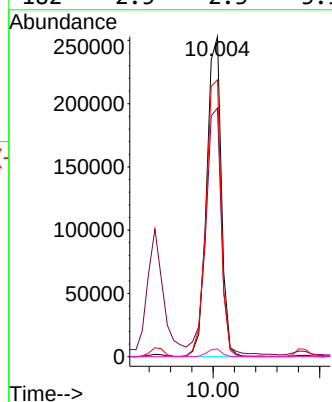
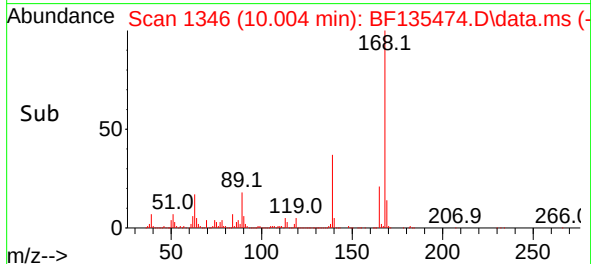


#57
2,4-Dinitrotoluene
Concen: 42.597 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

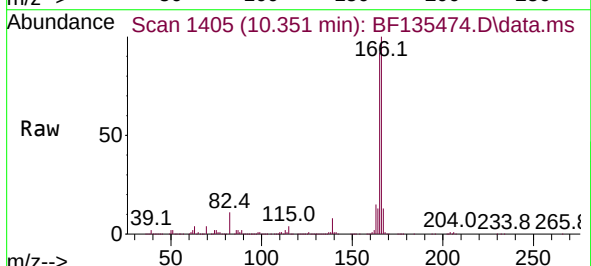
Instrument :
BNA_F
ClientSampleId :



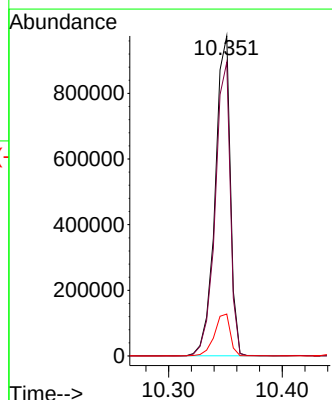
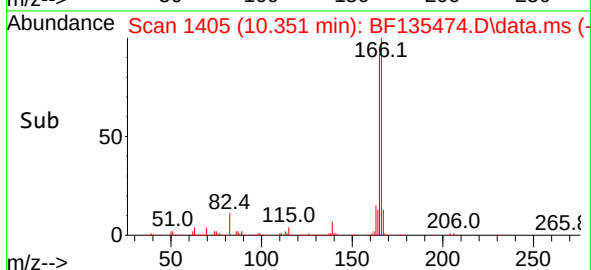
Tgt Ion:165 Resp: 241635
Ion Ratio Lower Upper
165 100
63 77.7 50.1 75.1#
89 86.5 59.3 88.9
182 2.5 2.3 3.5

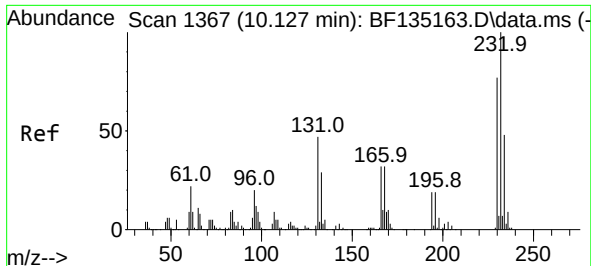


#58
Fluorene
Concen: 46.147 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01



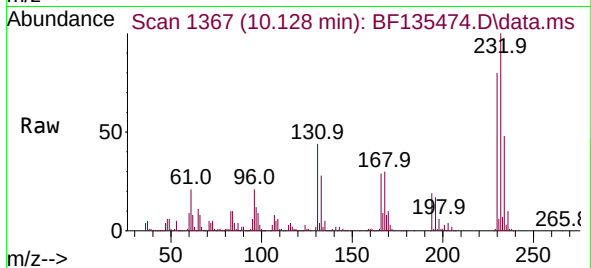
Tgt Ion:166 Resp: 906625
Ion Ratio Lower Upper
166 100
165 91.8 74.3 111.5
167 13.1 10.9 16.3



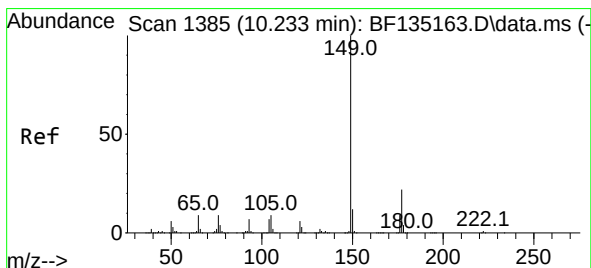
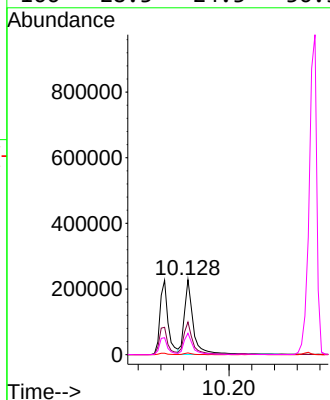
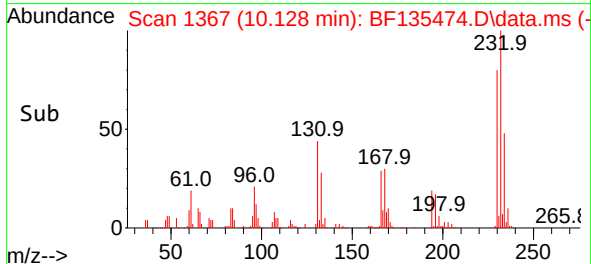


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.558 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

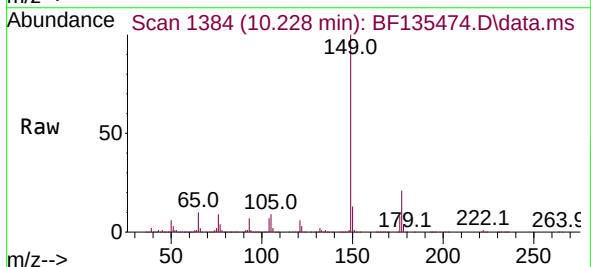
Instrument :
BNA_F
ClientSampleId :



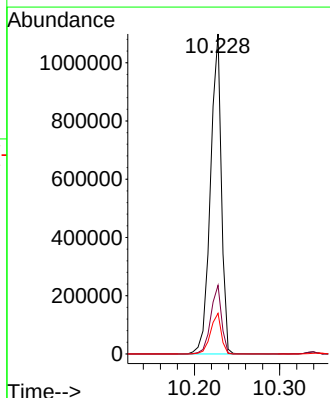
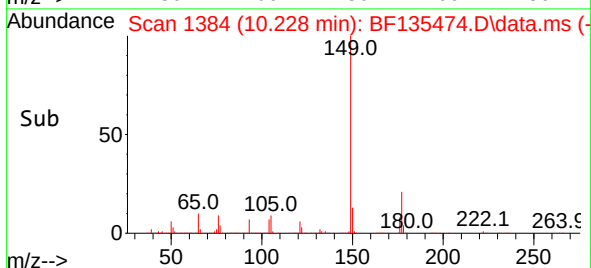
Tgt Ion:232 Resp: 244482
Ion Ratio Lower Upper
232 100
131 42.9 35.4 53.2
130 2.3 1.8 2.8
166 28.3 24.3 36.5

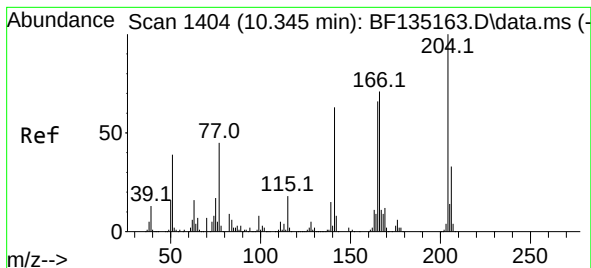


#60
Diethylphthalate
Concen: 47.102 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01



Tgt Ion:149 Resp: 977748
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.7 10.0 15.0

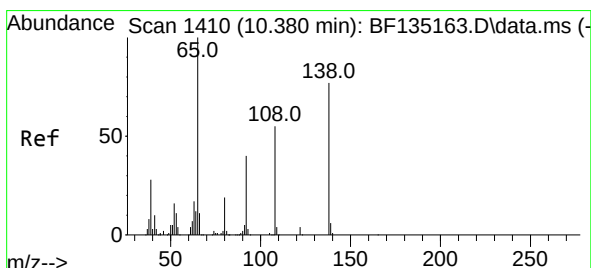
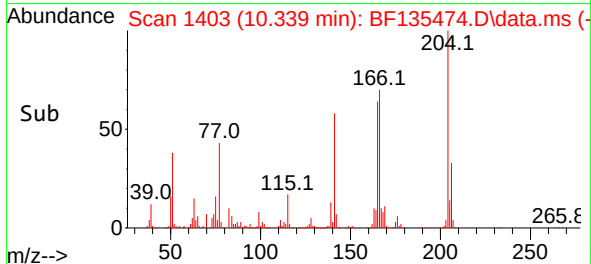
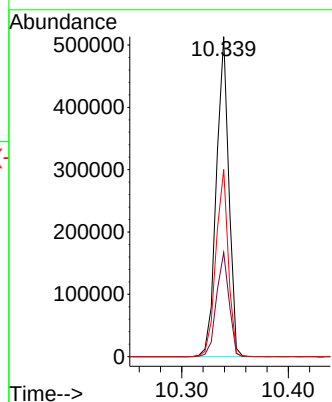
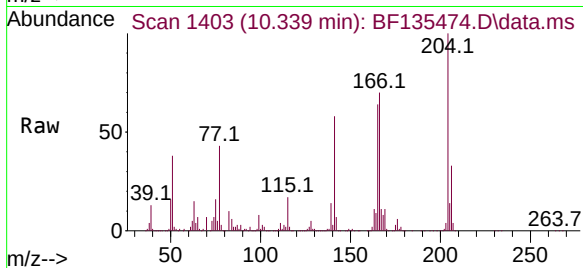




#61
4-Chlorophenyl-phenylether
Concen: 44.228 ng
RT: 10.339 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

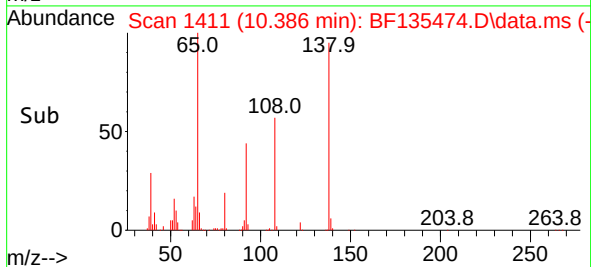
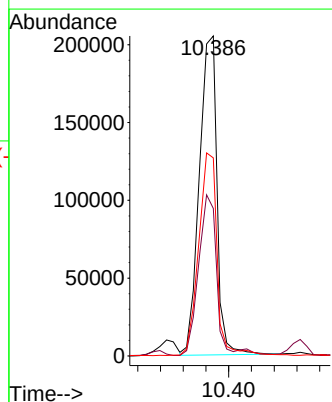
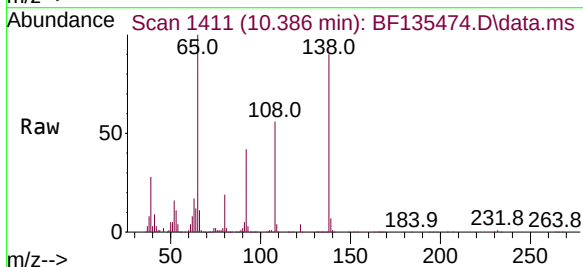
Instrument :
BNA_F
ClientSampleId :

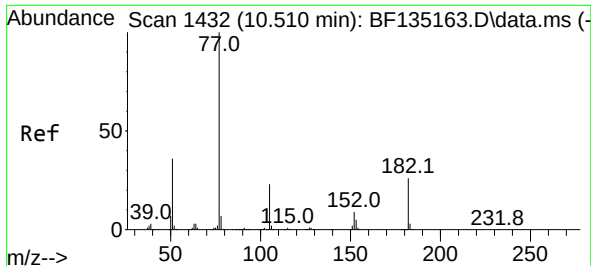
Tgt Ion:204 Resp: 417399
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 58.5 50.6 75.8



#62
4-Nitroaniline
Concen: 43.427 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:138 Resp: 222028
Ion Ratio Lower Upper
138 100
92 46.1 31.8 71.8
108 61.9 52.0 92.0



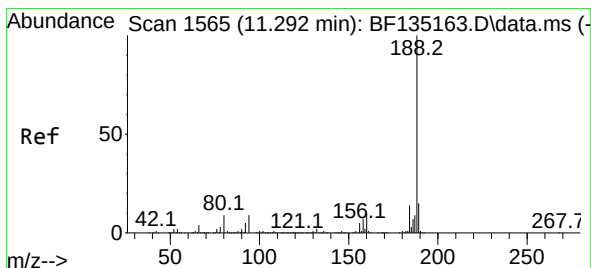
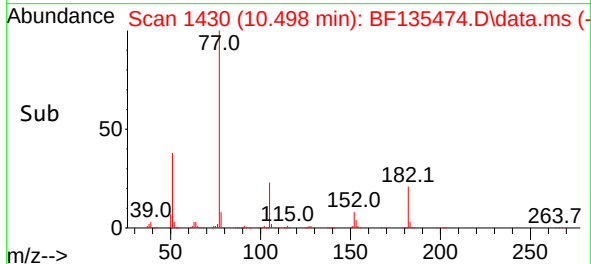
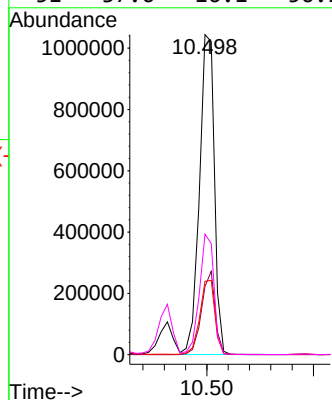
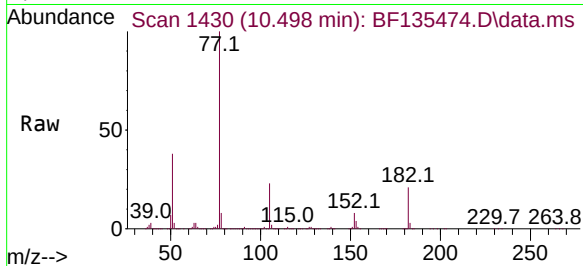


#63
Azobenzene
Concen: 50.162 ng
RT: 10.498 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1019095

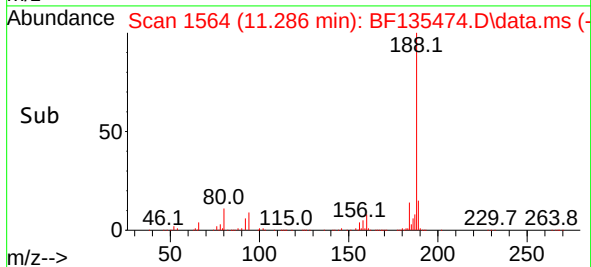
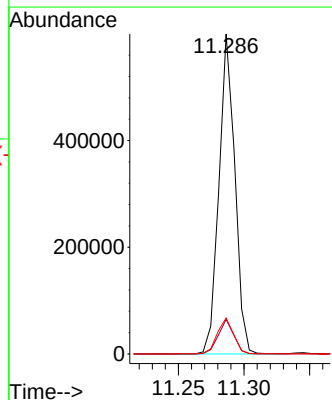
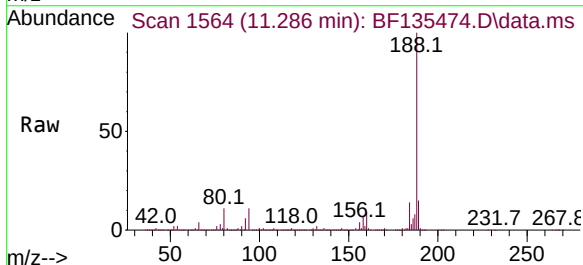
Ion	Ratio	Lower	Upper
77	100		
182	21.3	6.4	46.4
105	22.9	3.1	43.1
51	37.6	16.1	56.1

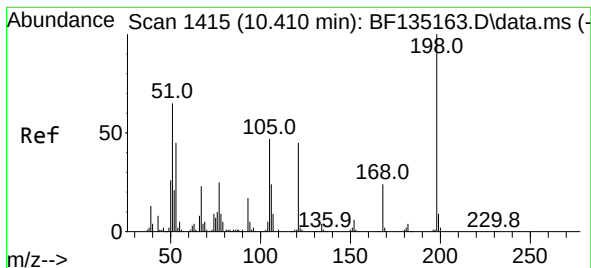


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion: 188 Resp: 505939

Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.0	10.6#
80	11.2	7.5	11.3

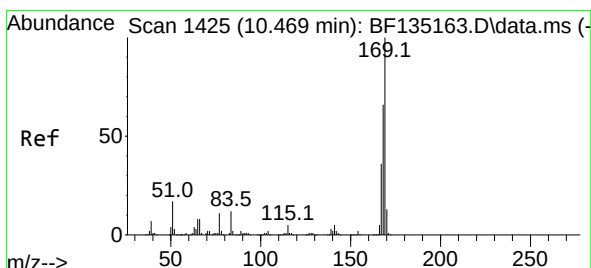
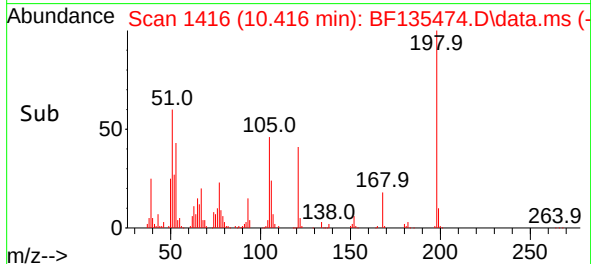
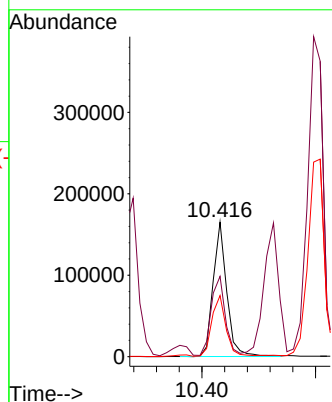
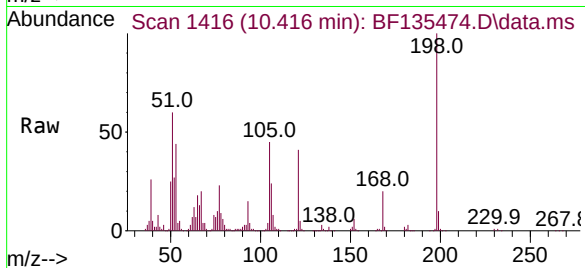




#65
4,6-Dinitro-2-methylphenol
Concen: 50.905 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

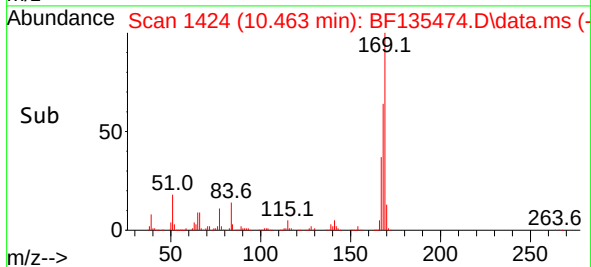
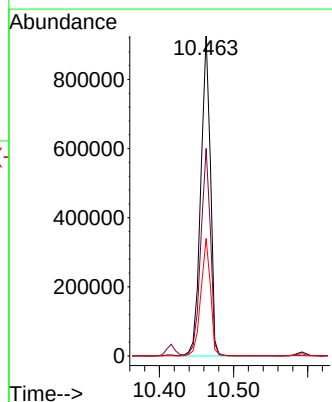
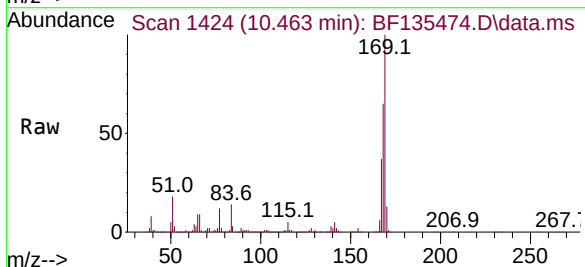
Instrument :
BNA_F
ClientSampleId :

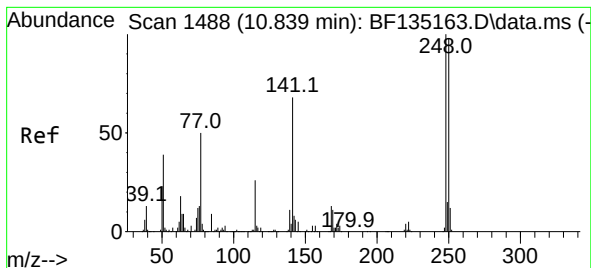
Tgt Ion:198 Resp: 136792
Ion Ratio Lower Upper
198 100
51 59.7 47.7 87.7
105 45.5 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 54.245 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

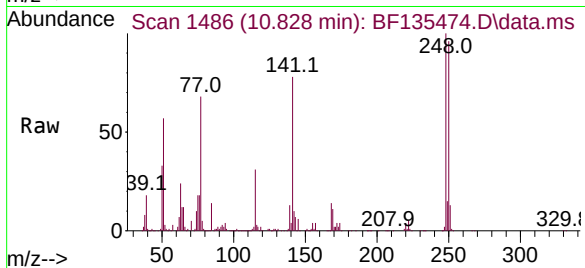
Tgt Ion:169 Resp: 830870
Ion Ratio Lower Upper
169 100
168 64.8 52.8 79.2
167 36.7 29.0 43.6



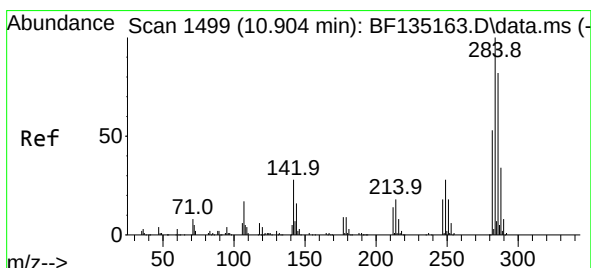
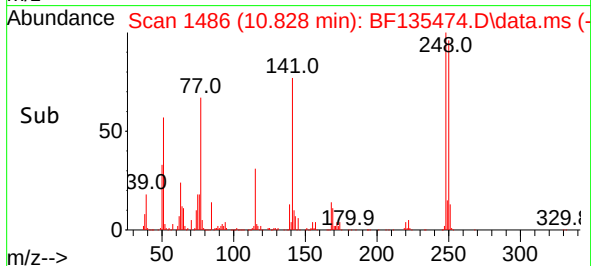
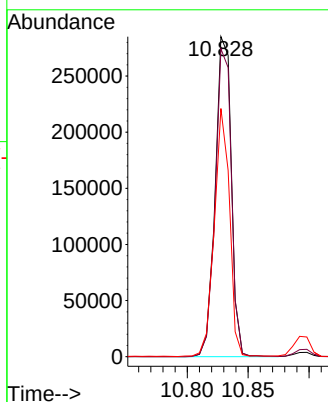


#67
4-Bromophenyl-phenylether
Concen: 52.055 ng
RT: 10.828 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Instrument :
BNA_F
ClientSampleId :

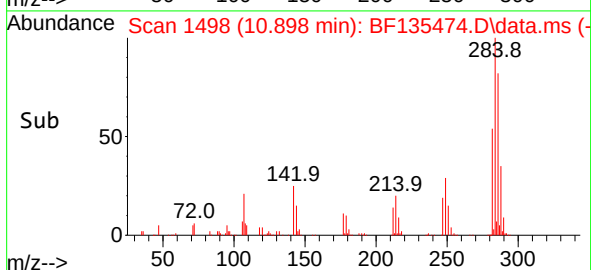
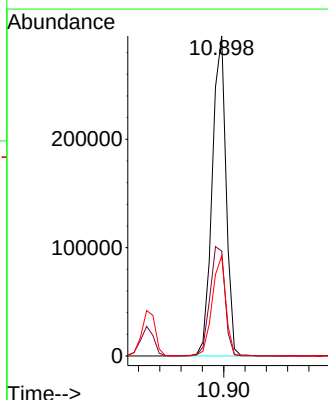
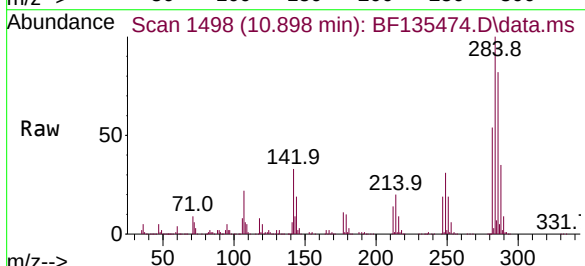


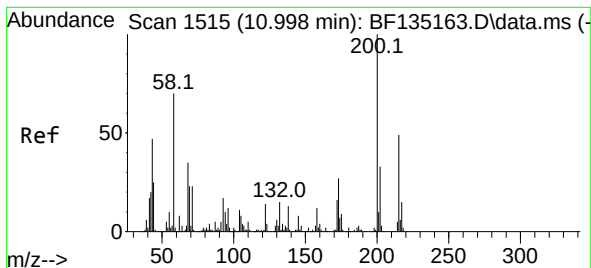
Tgt Ion:248 Resp: 261939
Ion Ratio Lower Upper
248 100
250 96.2 78.6 117.8
141 77.6 54.2 81.2



#68
Hexachlorobenzene
Concen: 51.878 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:284 Resp: 265947
Ion Ratio Lower Upper
284 100
142 32.8 22.2 33.4
249 31.3 22.5 33.7





#69

Atrazine

Concen: 56.789 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

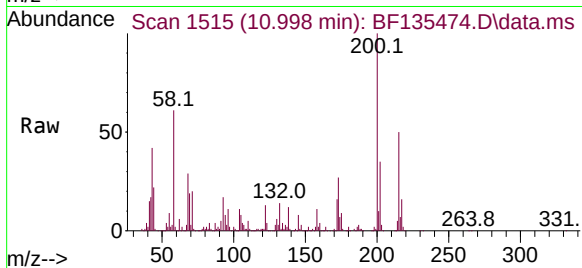
Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :



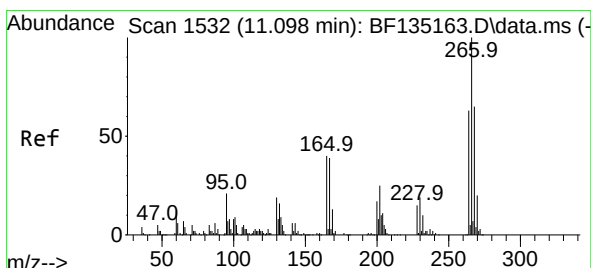
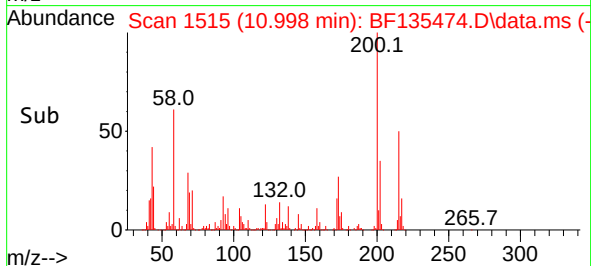
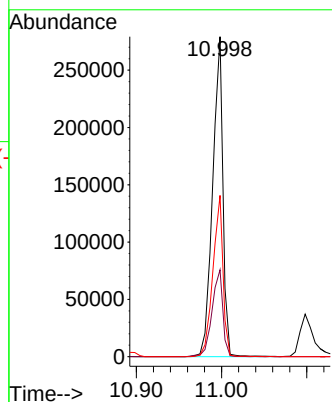
Tgt Ion:200 Resp: 234050

Ion Ratio Lower Upper

200 100

173 27.1 7.4 47.4

215 50.4 28.6 68.6



#70

Pentachlorophenol

Concen: 81.052 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

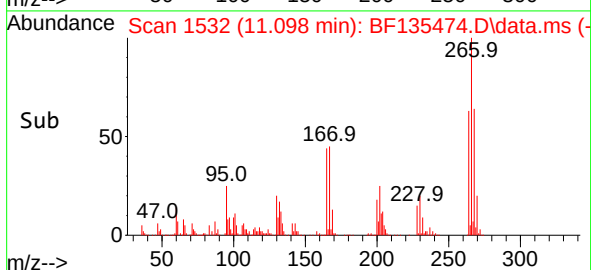
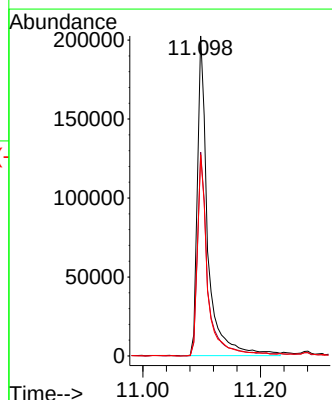
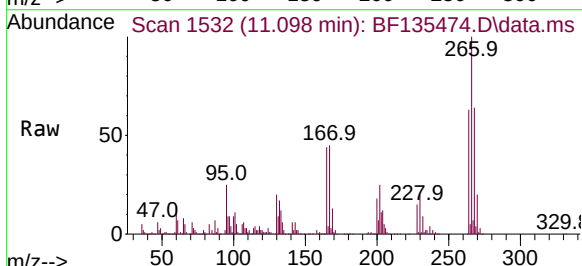
Tgt Ion:266 Resp: 248596

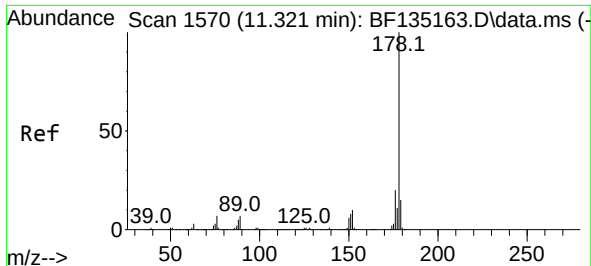
Ion Ratio Lower Upper

266 100

268 63.7 52.1 78.1

264 62.9 50.8 76.2

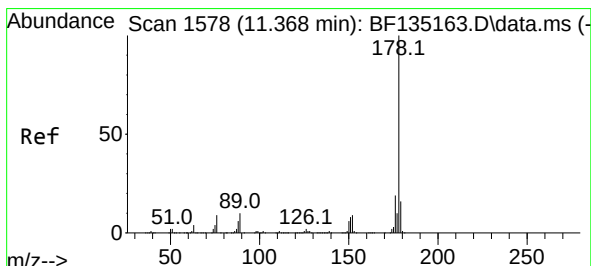
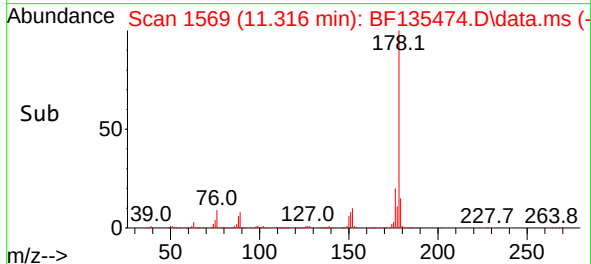
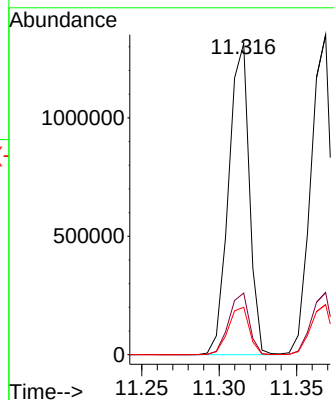
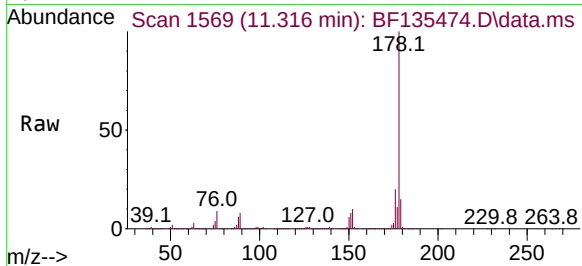




#71
Phenanthrene
Concen: 50.999 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

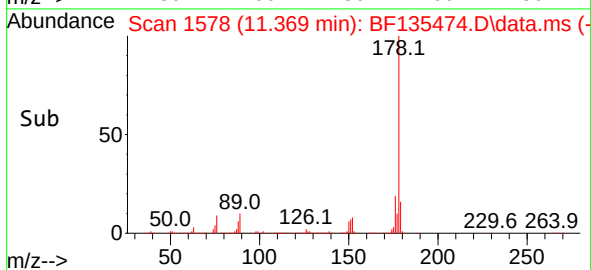
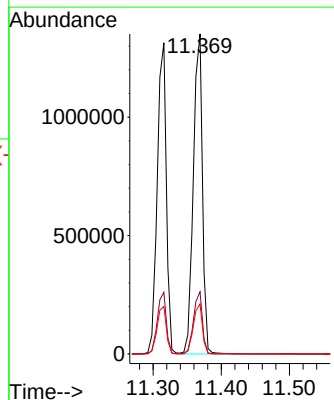
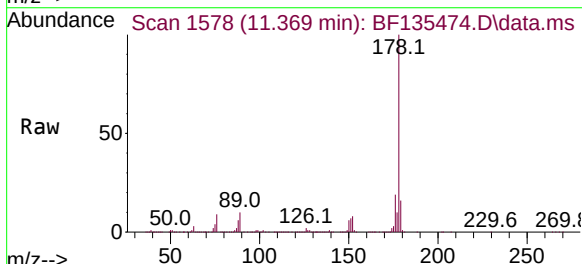
Instrument :
BNA_F
ClientSampleId :

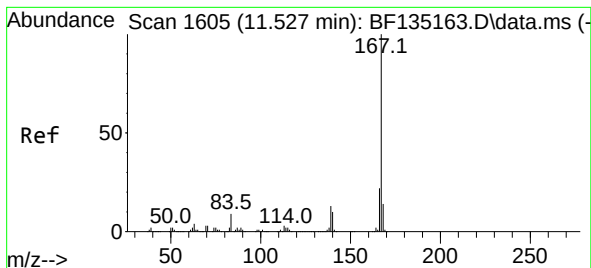
Tgt Ion:178 Resp: 1220350
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.2 12.0 18.0



#72
Anthracene
Concen: 50.372 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:178 Resp: 1238962
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.7 12.6 19.0





#73

Carbazole

Concen: 49.614 ng

RT: 11.528 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

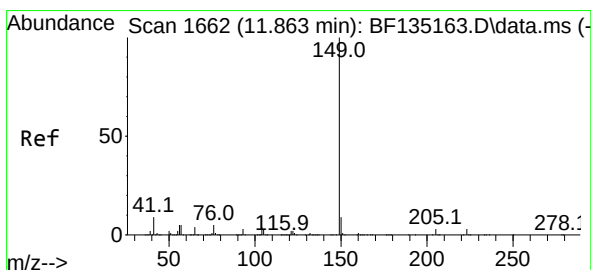
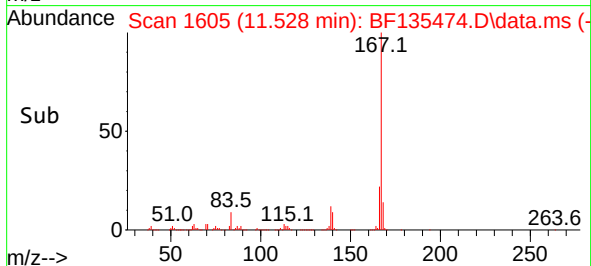
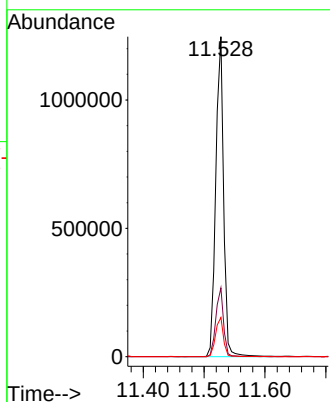
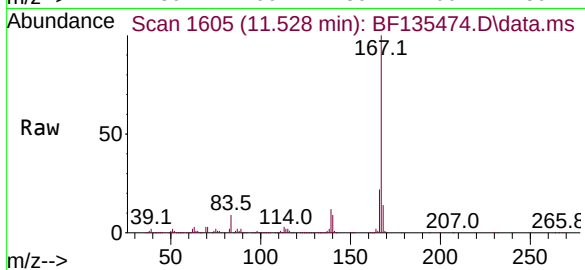
Tgt Ion:167 Resp: 1110873

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 12.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 52.923 ng

RT: 11.857 min Scan# 1661

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

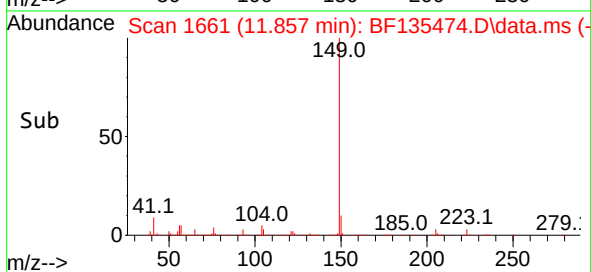
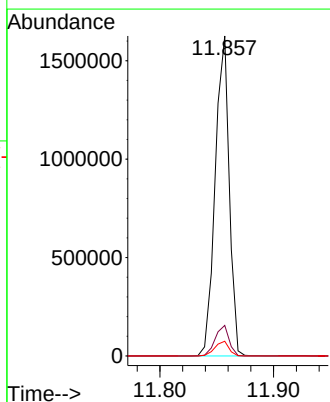
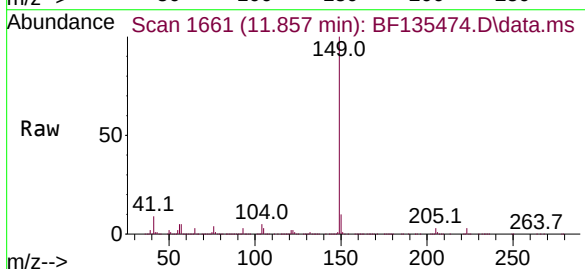
Tgt Ion:149 Resp: 1396303

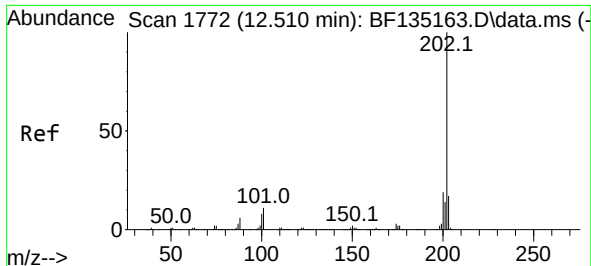
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

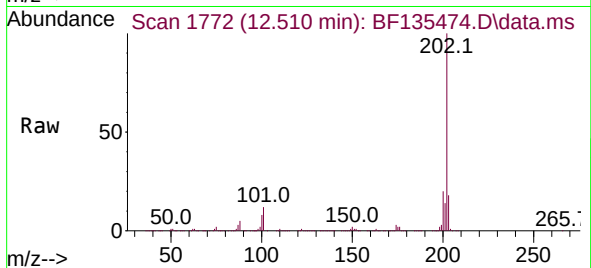
104 4.6 3.6 5.4



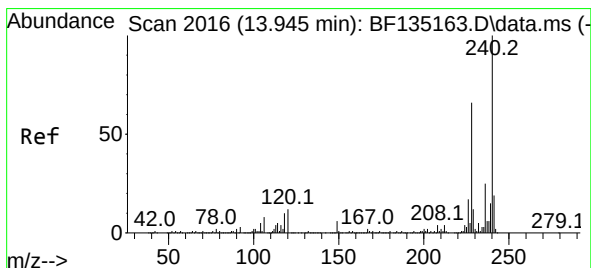
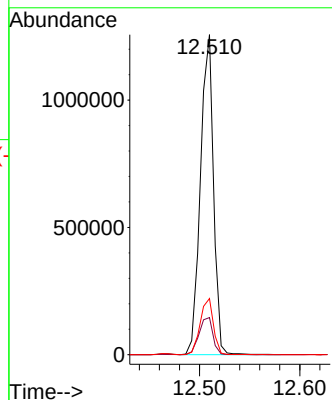
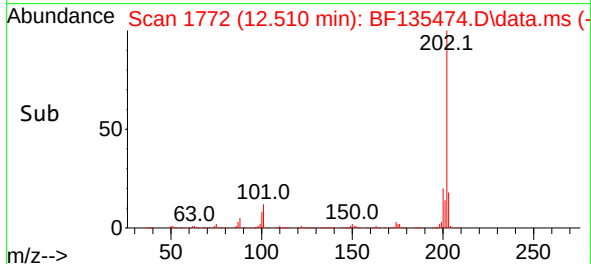


#75
Fluoranthene
Concen: 45.723 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

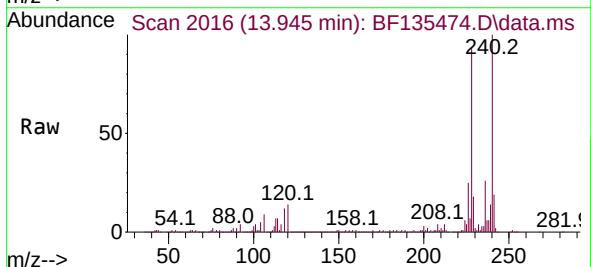
Instrument :
BNA_F
ClientSampleId :



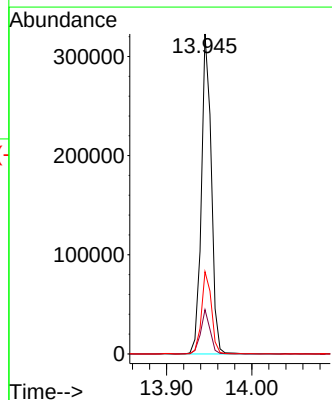
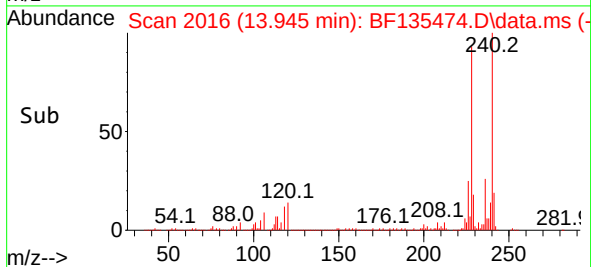
Tgt Ion:202 Resp: 1140034
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.3
203 17.6 0.0 37.4

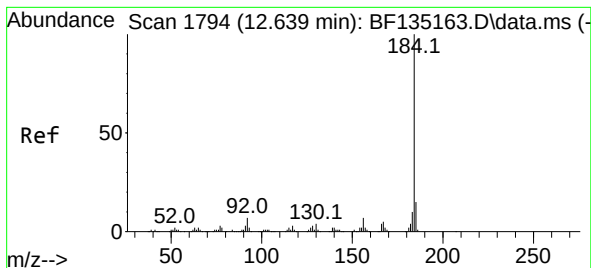


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01



Tgt Ion:240 Resp: 261194
Ion Ratio Lower Upper
240 100
120 13.9 9.4 14.2
236 25.7 19.8 29.8





#77

Benzidine

Concen: 28.917 ng

RT: 12.633 min Scan# 1793

Delta R.T. 0.000 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

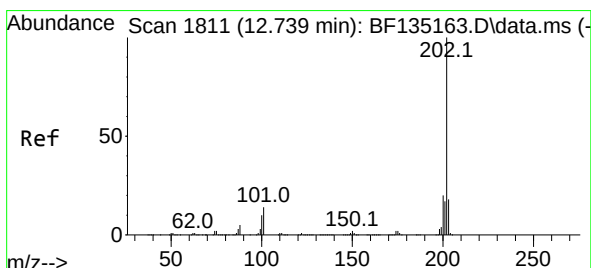
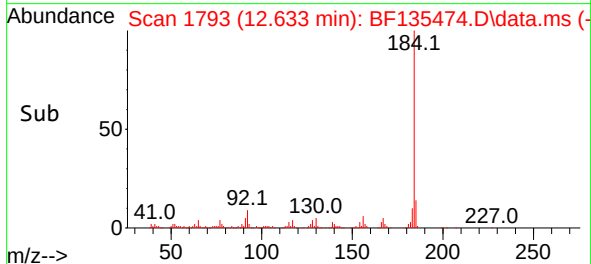
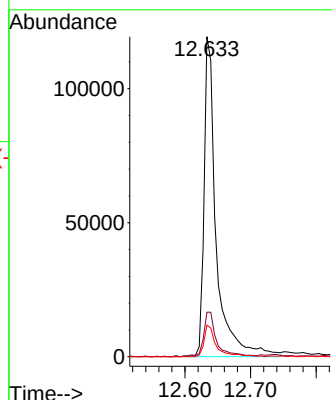
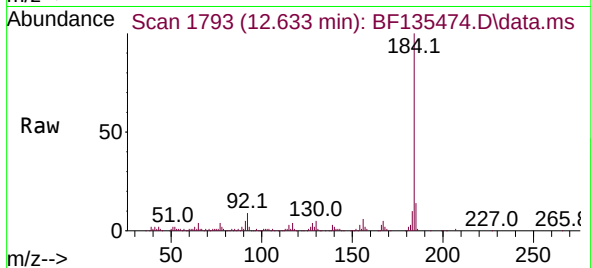
Tgt Ion:184 Resp: 154738

Ion Ratio Lower Upper

184 100

185 13.9 11.7 17.5

183 9.8 8.2 12.4



#78

Pyrene

Concen: 46.127 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

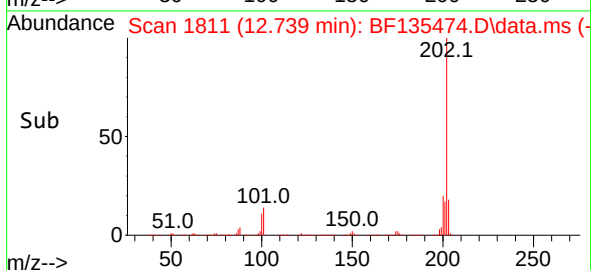
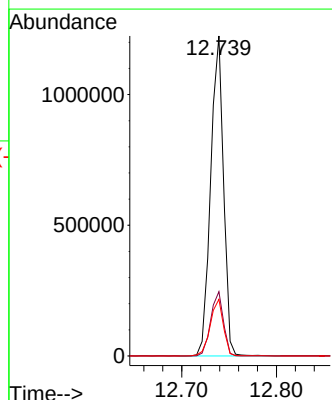
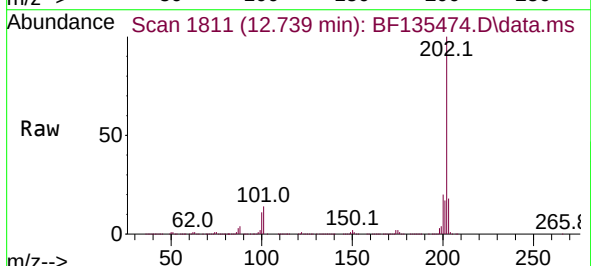
Tgt Ion:202 Resp: 1147081

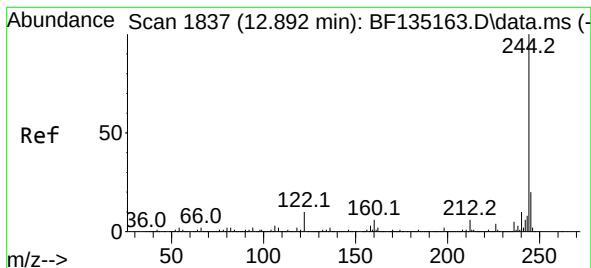
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 82.190 ng

RT: 12.880 min Scan# 11

Delta R.T. 0.000 min

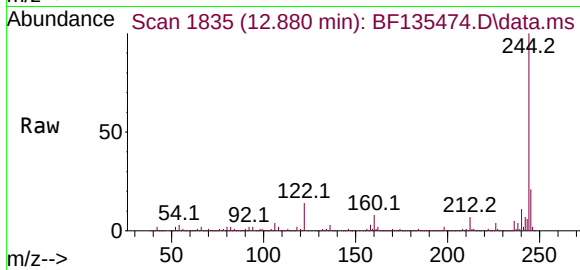
Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :



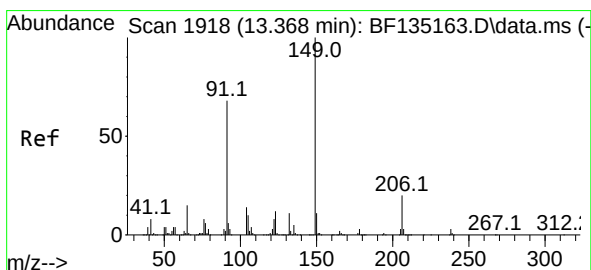
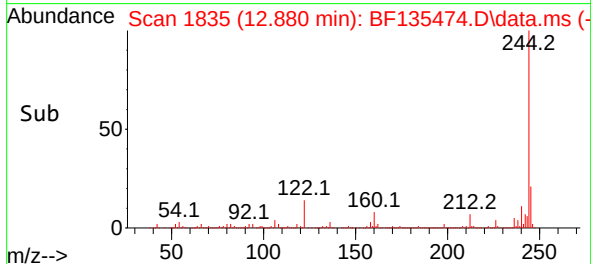
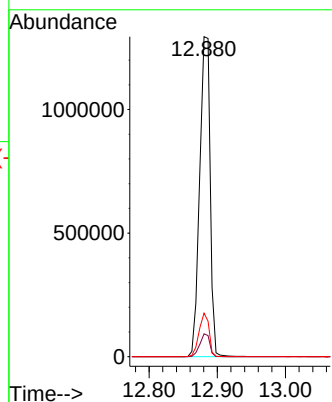
Tgt Ion:244 Resp: 1384823

Ion Ratio Lower Upper

244 100

212 7.2 5.1 7.7

122 13.6 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 53.518 ng

RT: 13.363 min Scan# 1917

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

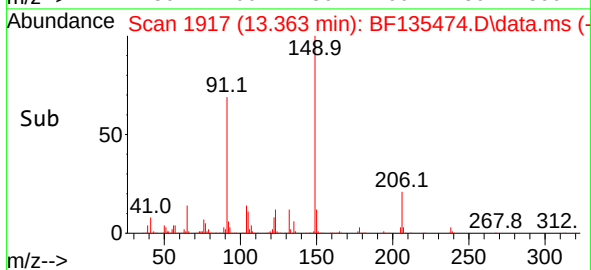
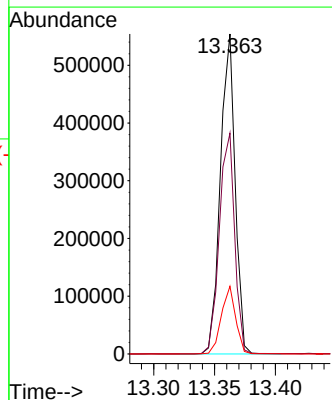
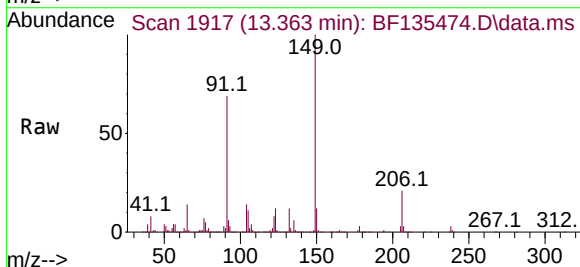
Tgt Ion:149 Resp: 468574

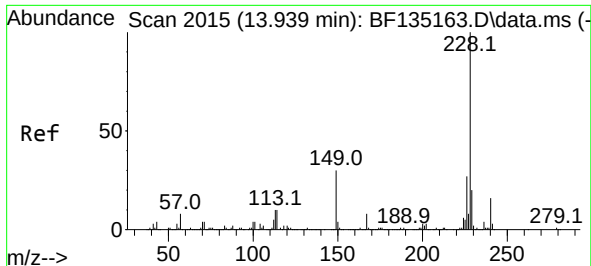
Ion Ratio Lower Upper

149 100

91 69.0 54.7 82.1

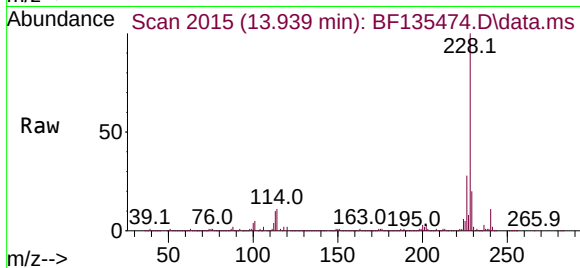
206 21.2 16.3 24.5



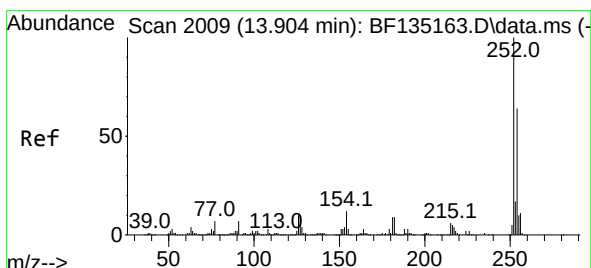
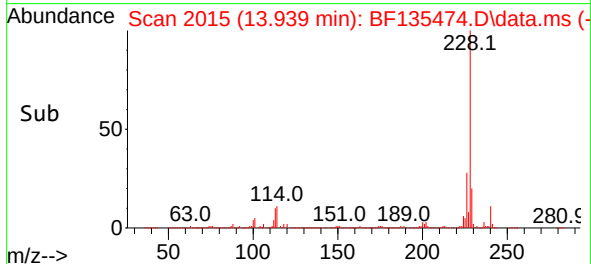
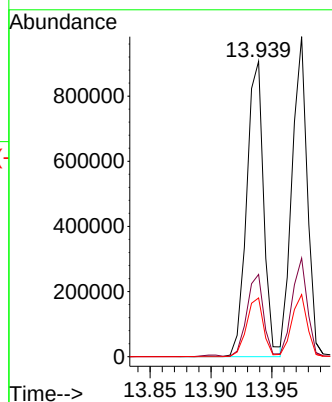


#81
Benzo(a)anthracene
Concen: 52.284 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Instrument :
BNA_F
ClientSampleId :

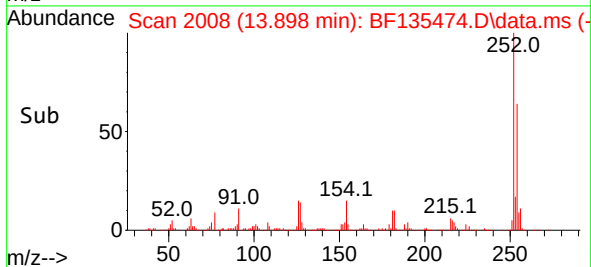
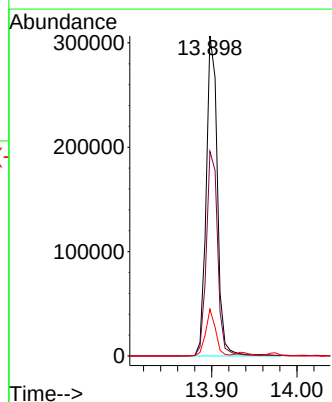
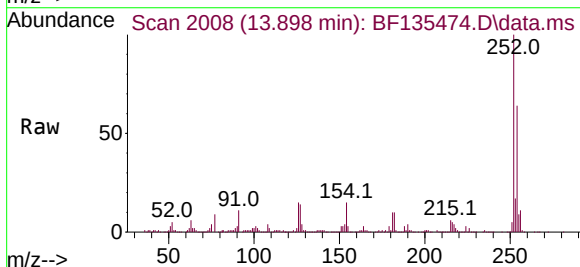


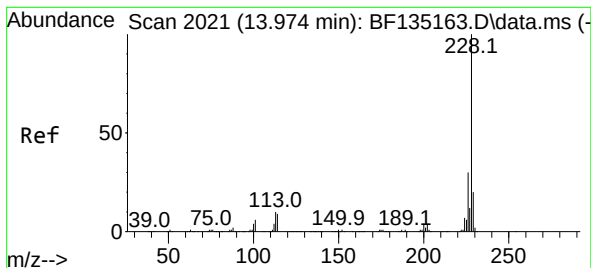
Tgt Ion:228 Resp: 881820
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 52.959 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:252 Resp: 278994
Ion Ratio Lower Upper
252 100
254 63.9 51.0 76.4
126 14.6 7.8 11.8





#83

Chrysene

Concen: 50.900 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

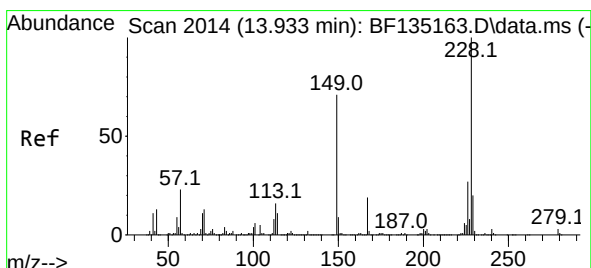
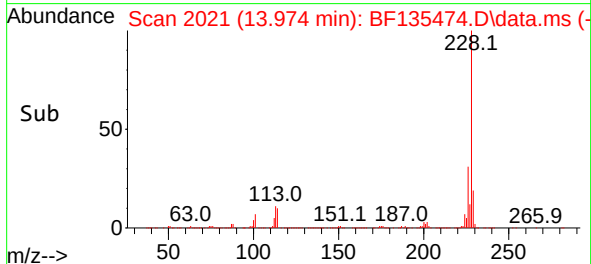
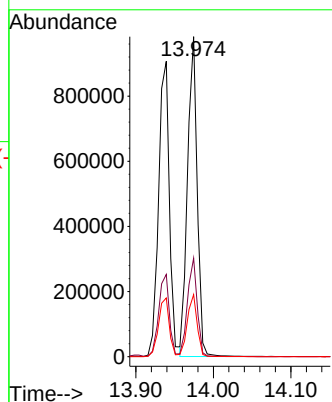
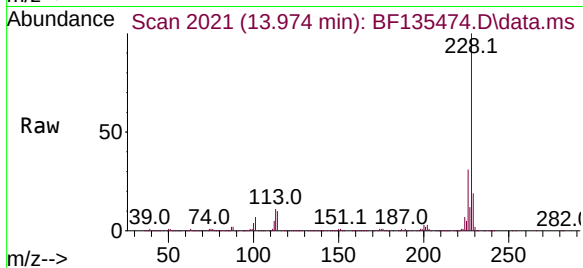
Tgt Ion:228 Resp: 853530

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.411 ng

RT: 13.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

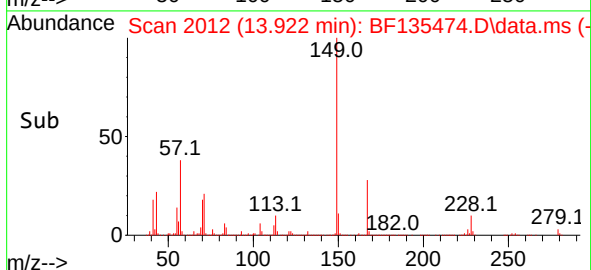
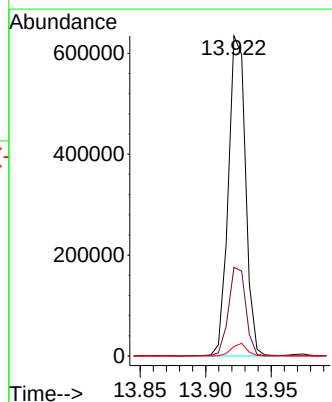
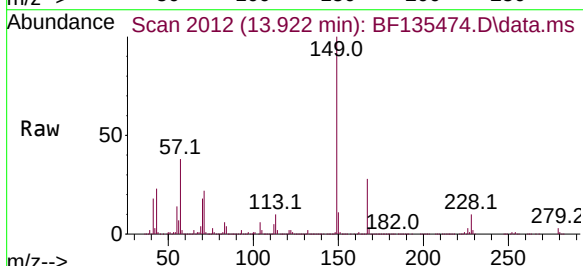
Tgt Ion:149 Resp: 578714

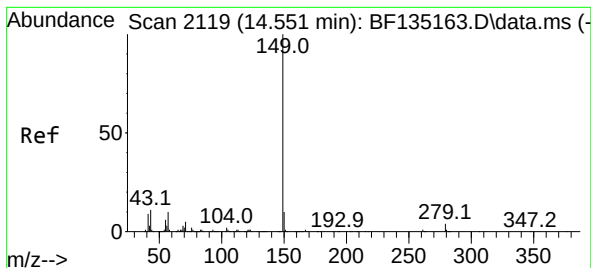
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 2.9 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 75.440 ng

RT: 14.545 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

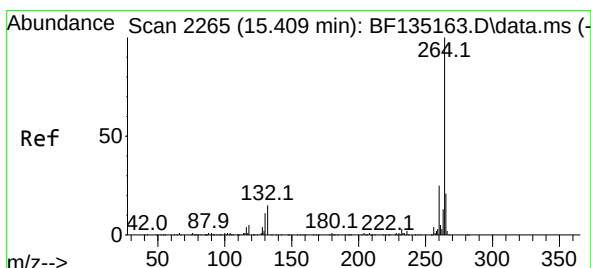
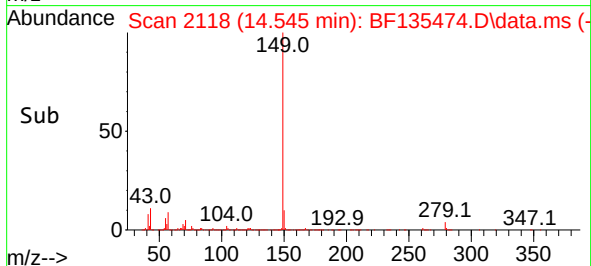
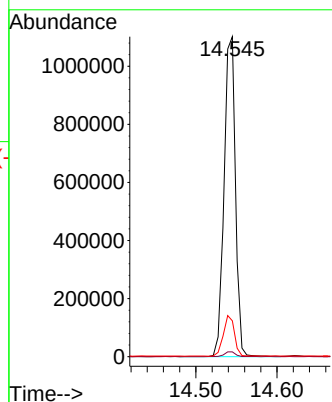
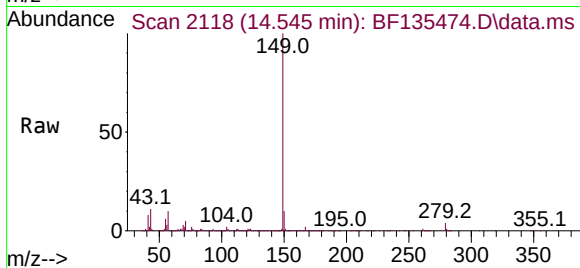
Tgt Ion:149 Resp: 1077156

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.3 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2266

Delta R.T. 0.012 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

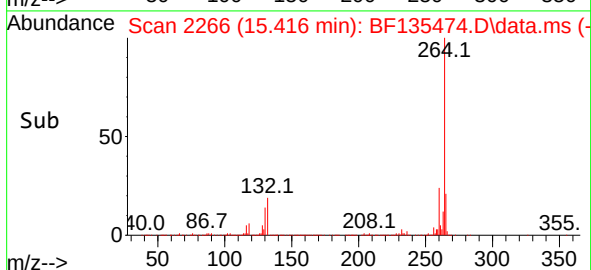
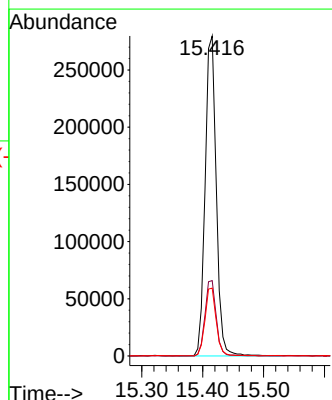
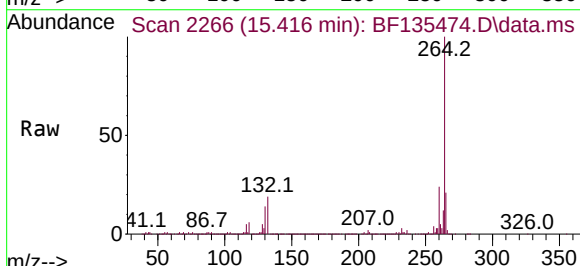
Tgt Ion:264 Resp: 354898

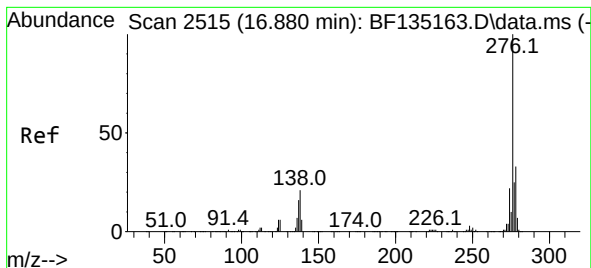
Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.975 ng

RT: 16.904 min Scan# 2119

Delta R.T. 0.018 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

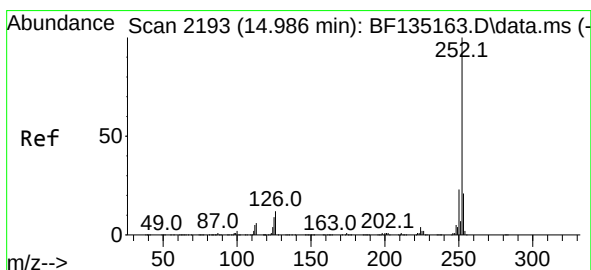
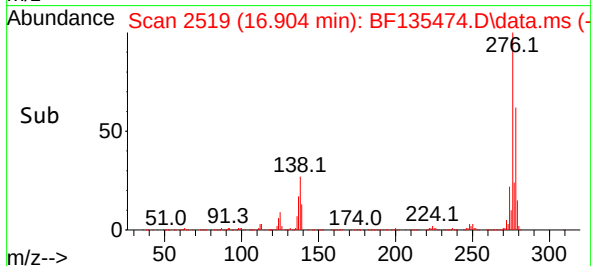
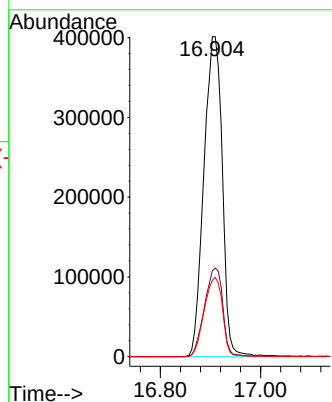
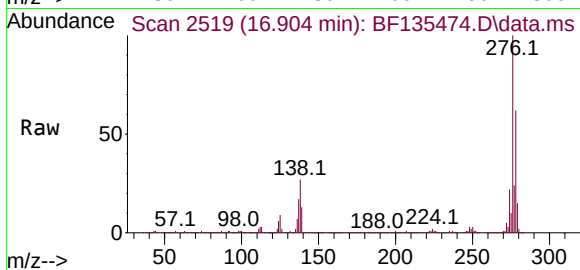
Tgt Ion:276 Resp: 1023268

Ion Ratio Lower Upper

276 100

138 27.6 19.2 28.8

277 24.7 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 51.806 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.012 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

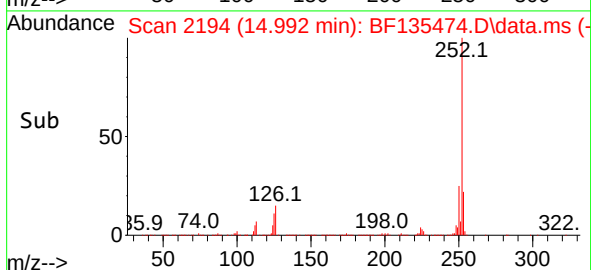
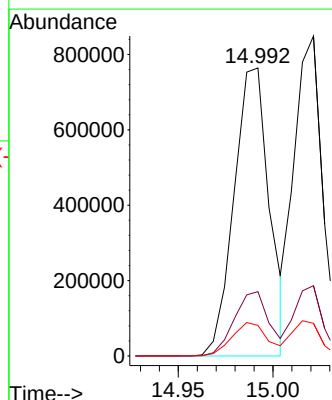
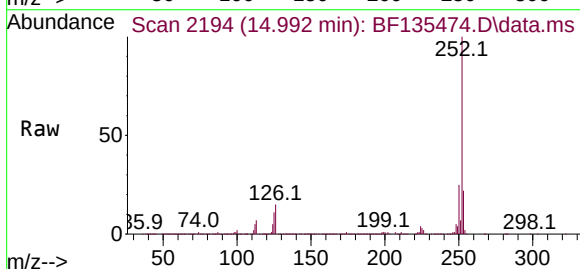
Tgt Ion:252 Resp: 995290

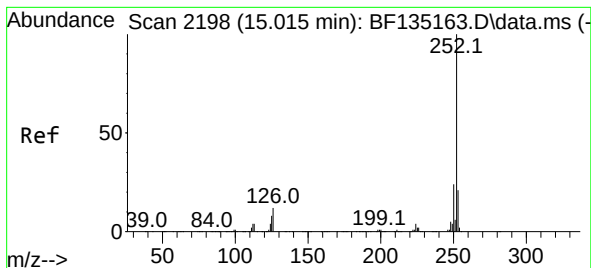
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 10.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.749 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

Instrument :

BNA_F

ClientSampleId :

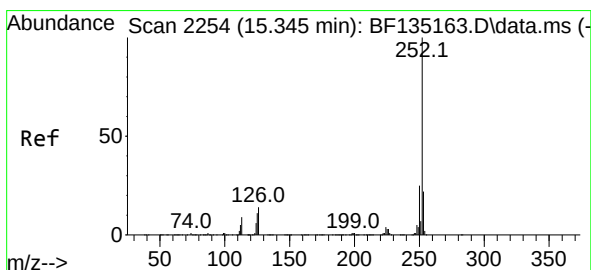
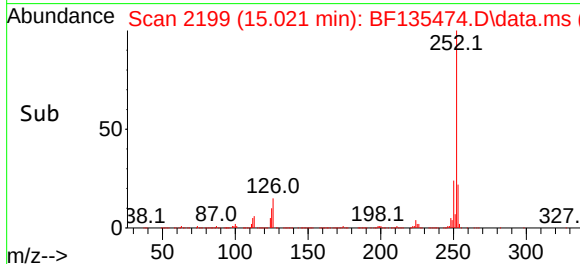
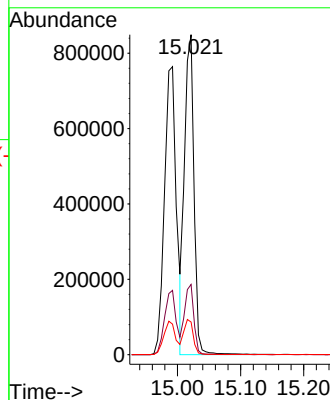
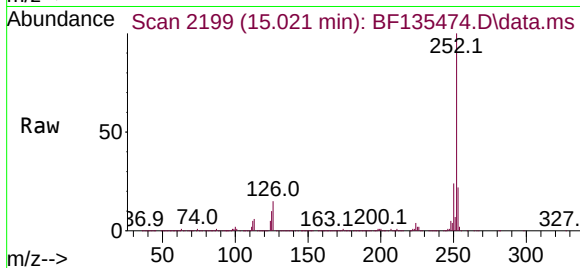
Tgt Ion:252 Resp: 887206

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 48.900 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135474.D

Acq: 27 Sep 2023 16:01

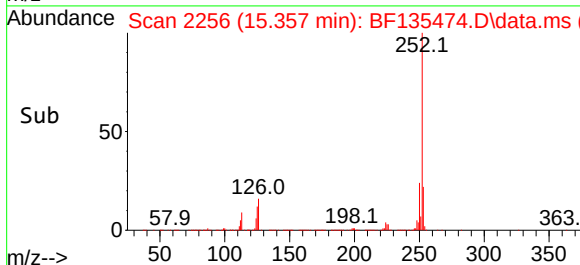
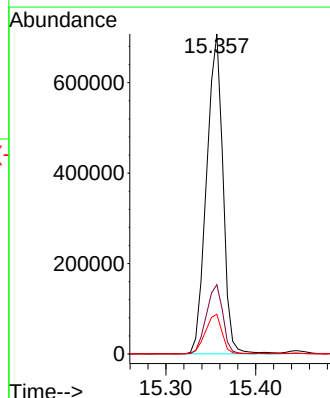
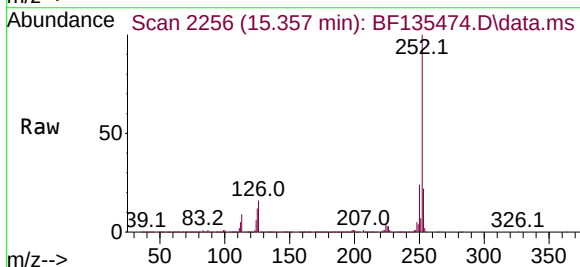
Tgt Ion:252 Resp: 895895

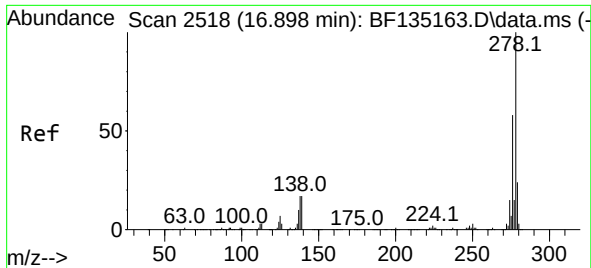
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 12.4 9.2 13.8

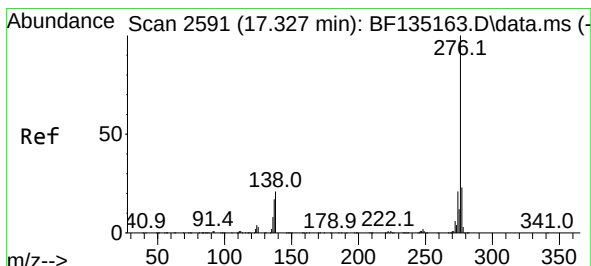
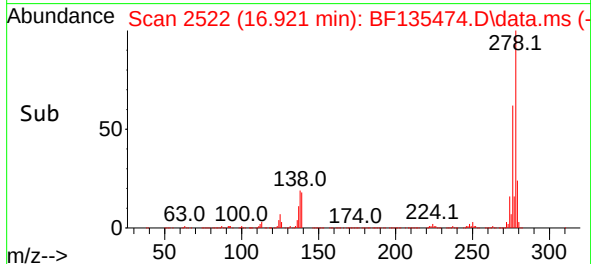
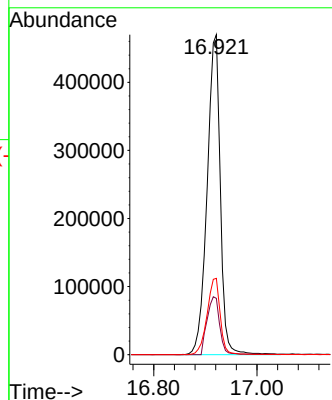
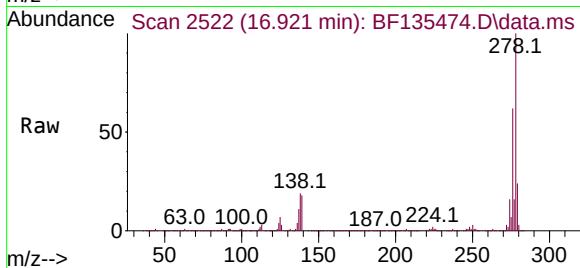




#91
Dibenzo(a,h)anthracene
Concen: 43.730 ng
RT: 16.921 min Scan# 2518
Delta R.T. 0.024 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 832594
Ion Ratio Lower Upper
278 100
139 17.6 13.4 20.0
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 39.533 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.018 min
Lab File: BF135474.D
Acq: 27 Sep 2023 16:01

Tgt Ion:276 Resp: 786081
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 24.7 16.9 25.3

