

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135471.D
 Acq On : 27 Sep 2023 14:29
 Operator : CG\JU
 Sample : 04441-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:45:06 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	160374	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	606773	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	282409	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	467374	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	242978	20.000	ng	0.00
86) Perylene-d12	15.416	264	332634	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1177178	119.385	ng	0.02
7) Phenol-d6	6.410	99	1451438	115.763	ng	0.00
23) Nitrobenzene-d5	7.322	82	937563	83.948	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	278061	99.079	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1486390	79.408	ng	0.00
79) Terphenyl-d14	12.880	244	1111440	70.910	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	145231	33.598	ng	92
3) Pyridine	3.293	79	430367	36.993	ng	94
4) n-Nitrosodimethylamine	3.246	42	287040	46.495	ng	90
6) Aniline	6.422	93	534505	32.509	ng	# 21
8) 2-Chlorophenol	6.546	128	515665	48.990	ng	98
9) Benzaldehyde	6.310	77	155009	21.702	ng	99
10) Phenol	6.422	94	595941	43.346	ng	84
11) bis(2-Chloroethyl)ether	6.498	93	512890	49.733	ng	99
12) 1,3-Dichlorobenzene	6.698	146	485291	45.365	ng	98
13) 1,4-Dichlorobenzene	6.775	146	493250	45.320	ng	98
14) 1,2-Dichlorobenzene	6.922	146	469417	46.444	ng	99
15) Benzyl Alcohol	6.904	79	417398	46.392	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	925761	47.624	ng	86
17) 2-Methylphenol	7.022	107	412971	44.459	ng	95
18) Hexachloroethane	7.263	117	188860	46.964	ng	95
19) n-Nitroso-di-n-propyla...	7.175	70	326877	42.090	ng	96
20) 3+4-Methylphenols	7.175	107	468195	41.917	ng	90
22) Acetophenone	7.169	105	642067	46.284	ng	96
24) Nitrobenzene	7.345	77	539388	48.863	ng	97
25) Isophorone	7.581	82	992045	48.373	ng	97
26) 2-Nitrophenol	7.657	139	271515	51.248	ng	97
27) 2,4-Dimethylphenol	7.698	122	393804	44.221	ng	97
28) bis(2-Chloroethoxy)met...	7.793	93	625413	50.951	ng	99
29) 2,4-Dichlorophenol	7.904	162	398345	48.273	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	414599	48.069	ng	99
31) Naphthalene	8.057	128	1392247	47.225	ng	99
32) Benzoic acid	7.845	122	299391	44.646	ng	99
33) 4-Chloroaniline	8.116	127	445638	34.453	ng	97
34) Hexachlorobutadiene	8.169	225	232258	44.659	ng	99
35) Caprolactam	8.492	113	92158	33.277	ng	95
36) 4-Chloro-3-methylphenol	8.610	107	424419	46.277	ng	93
37) 2-Methylnaphthalene	8.751	142	867766	43.788	ng	99
38) 1-Methylnaphthalene	8.851	142	823323	44.375	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	398767	48.739	ng	99
41) Hexachlorocyclopentadiene	8.898	237	205613	59.154	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	262615	49.024	ng	99

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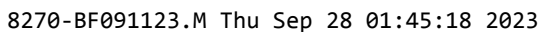
Instrument :
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Quant Time: Sep 28 01:45:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	279400	45.291	ng	98
46) 1,1'-Biphenyl	9.216	154	1064299	49.040	ng	98
47) 2-Chloronaphthalene	9.239	162	800928	50.864	ng	99
48) 2-Nitroaniline	9.345	65	302461	49.442	ng	97
49) Acenaphthylene	9.657	152	1267326	48.427	ng	100
50) Dimethylphthalate	9.522	163	911176	47.721	ng	100
51) 2,6-Dinitrotoluene	9.592	165	196778	47.045	ng	89
52) Acenaphthene	9.828	154	737301	47.692	ng	96
53) 3-Nitroaniline	9.763	138	190443	38.787	ng	94
54) 2,4-Dinitrophenol	9.881	184	172023	73.034	ng	91
55) Dibenzofuran	10.004	168	1038993	44.042	ng	100
56) 4-Nitrophenol	9.945	139	239958	76.897	ng	91
57) 2,4-Dinitrotoluene	9.998	165	219068	41.835	ng #	84
58) Fluorene	10.345	166	810225	44.675	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	211397	44.547	ng	98
60) Diethylphthalate	10.228	149	878165	45.828	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	378161	43.407	ng	94
62) 4-Nitroaniline	10.381	138	190042	40.266	ng	97
63) Azobenzene	10.498	77	908621	48.449	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	118277	47.647	ng	84
66) n-Nitrosodiphenylamine	10.463	169	742589	52.481	ng	100
67) 4-Bromophenyl-phenylether	10.828	248	238880	51.390	ng	94
68) Hexachlorobenzene	10.898	284	243021	51.318	ng	97
69) Atrazine	10.992	200	208889	54.866	ng	99
70) Pentachlorophenol	11.098	266	209460	73.927	ng	99
71) Phenanthrene	11.316	178	1126334	50.954	ng	99
72) Anthracene	11.363	178	1117676	49.191	ng	100
73) Carbazole	11.528	167	988415	47.787	ng	99
74) Di-n-butylphthalate	11.857	149	1231571	50.531	ng	100
75) Fluoranthene	12.510	202	1079889	46.884	ng	99
77) Benzidine	12.633	184	341379	68.580	ng	99
78) Pyrene	12.739	202	1044355	45.145	ng	99
80) Butylbenzylphthalate	13.363	149	406505	49.909	ng	99
81) Benzo(a)anthracene	13.933	228	802538	51.151	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	276250	56.369	ng #	98
83) Chrysene	13.974	228	796204	51.041	ng	99
84) Bis(2-ethylhexyl)phtha...	13.922	149	513812	61.475	ng #	99
85) Di-n-octyl phthalate	14.545	149	1001680	75.413	ng #	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	972523	44.591	ng	96
88) Benzo(b)fluoranthene	14.992	252	934424	51.893	ng #	96
89) Benzo(k)fluoranthene	15.016	252	795862	44.743	ng #	97
90) Benzo(a)pyrene	15.357	252	821177	47.821	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	786645	44.082	ng	98
92) Benzo(g,h,i)perylene	17.351	276	758933	40.722	ng	95

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

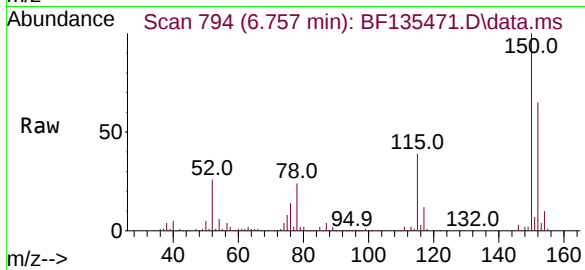
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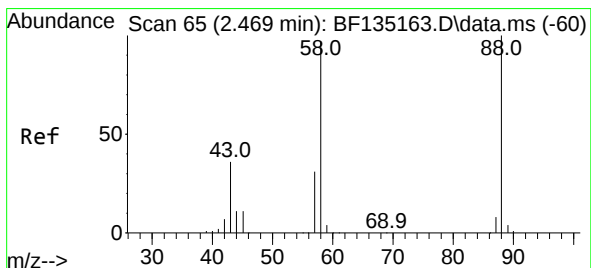
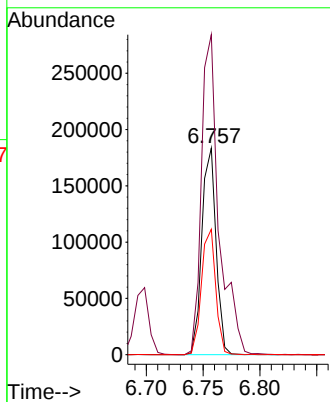
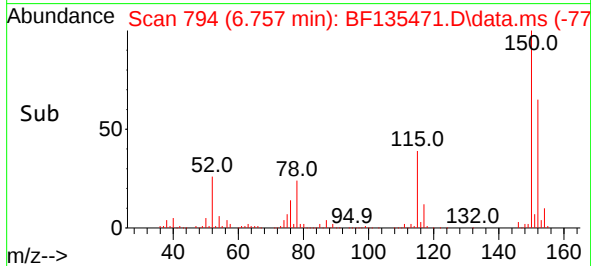


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF135471.D
 Acq: 27 Sep 2023 14:29

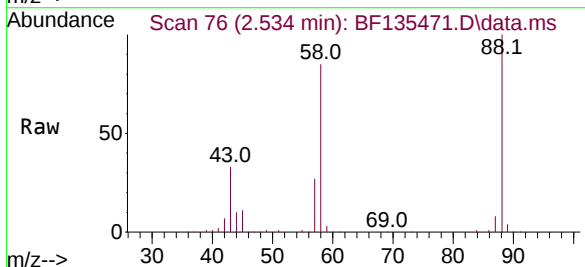
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 BNA_F
 ClientSampleId :



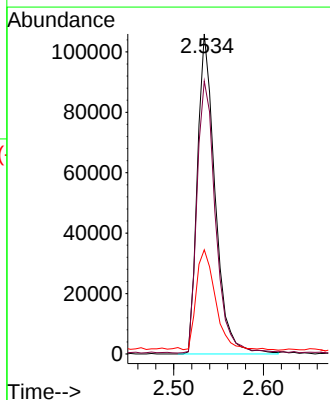
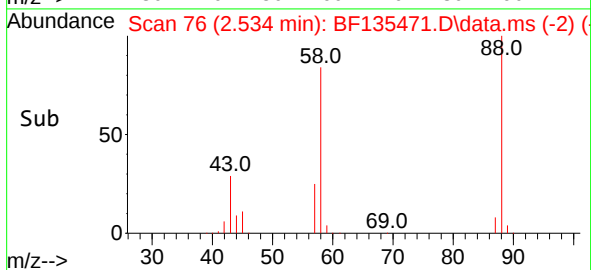
Tgt Ion:152 Resp: 160374
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.8 191.6
 115 60.7 49.8 74.8

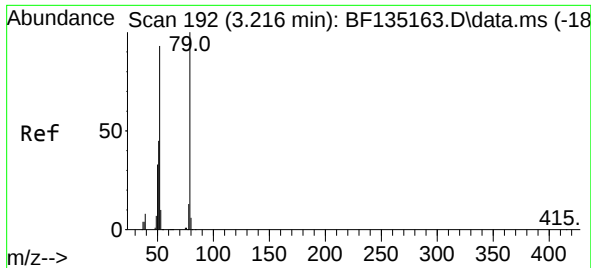


#2
 1,4-Dioxane
 Concen: 33.598 ng
 RT: 2.534 min Scan# 76
 Delta R.T. 0.082 min
 Lab File: BF135471.D
 Acq: 27 Sep 2023 14:29



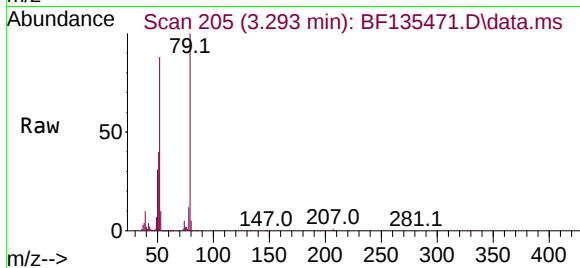
Tgt Ion: 88 Resp: 145231
 Ion Ratio Lower Upper
 88 100
 58 88.9 78.3 117.5
 43 34.1 29.4 44.0



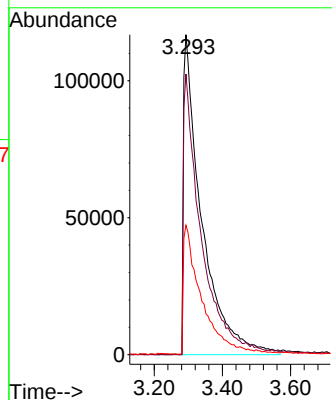
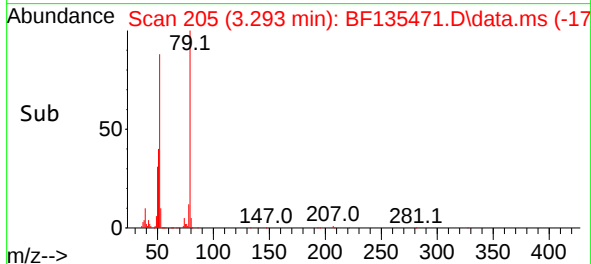


#3
 Pyridine
 Concen: 36.993 ng
 RT: 3.293 min Scan# 205
 Delta R.T. 0.094 min
 Lab File: BF135471.D
 Acq: 27 Sep 2023 14:29

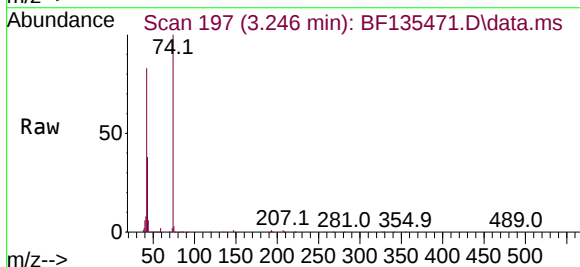
Instrument :
 BNA_F
 ClientSampleId :



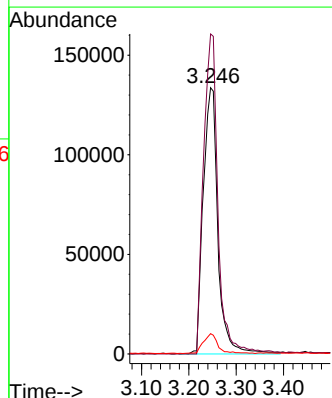
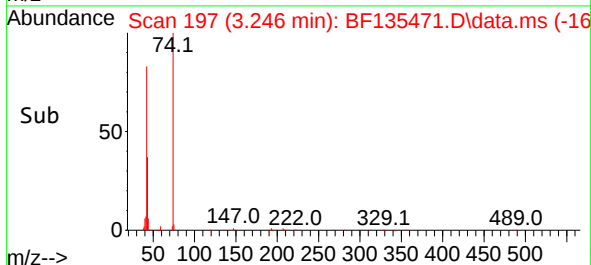
Tgt Ion: 79 Resp: 430367
 Ion Ratio Lower Upper
 79 100
 52 87.7 74.1 111.1
 51 40.4 35.8 53.8

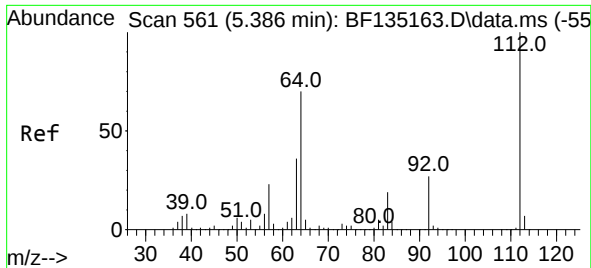


#4
 n-Nitrosodimethylamine
 Concen: 46.495 ng
 RT: 3.246 min Scan# 197
 Delta R.T. 0.077 min
 Lab File: BF135471.D
 Acq: 27 Sep 2023 14:29



Tgt Ion: 42 Resp: 287040
 Ion Ratio Lower Upper
 42 100
 74 120.2 87.7 131.5
 44 7.6 5.6 8.4

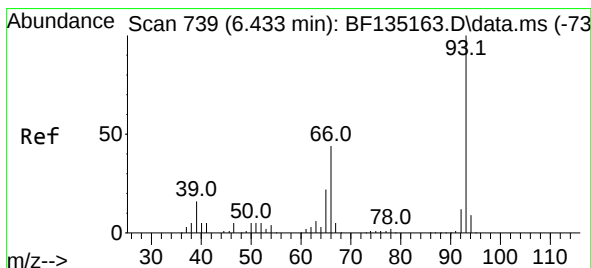
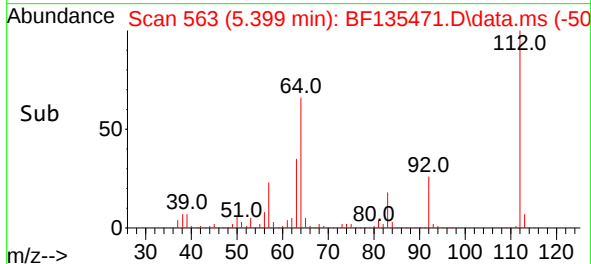
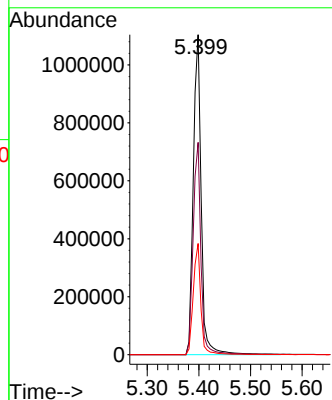
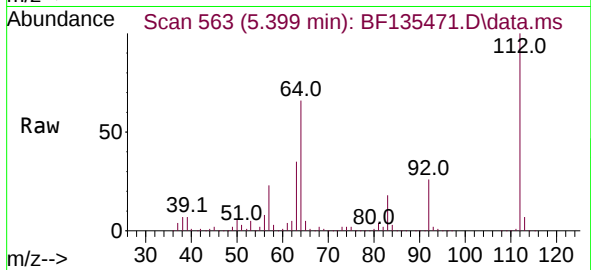




#5
2-Fluorophenol
Concen: 119.385 ng
RT: 5.399 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

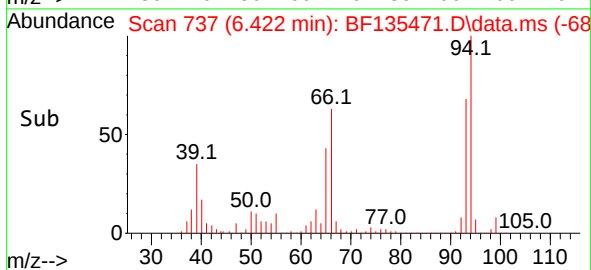
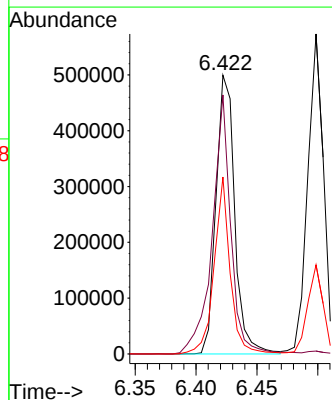
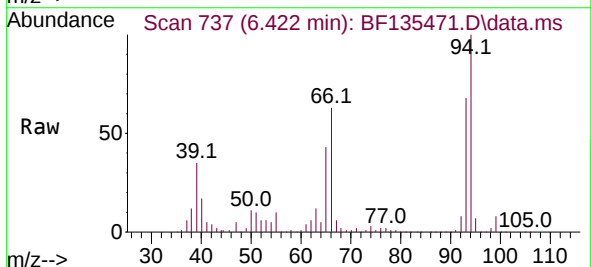
Instrument :
BNA_F
ClientSampleId :

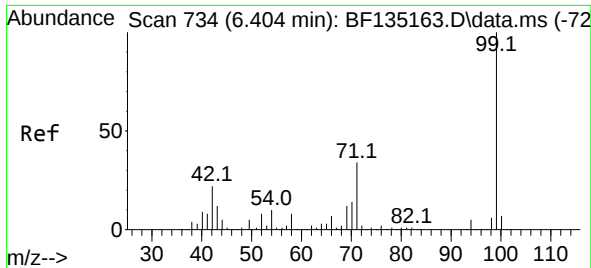
Tgt Ion:112 Resp: 1177178
Ion Ratio Lower Upper
112 100
64 66.3 55.9 83.9
63 34.7 29.0 43.6



#6
Aniline
Concen: 32.509 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion: 93 Resp: 534505
Ion Ratio Lower Upper
93 100
66 93.0 35.4 53.0#
65 63.5 17.8 26.8#

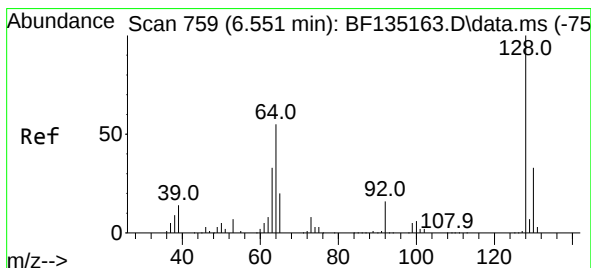
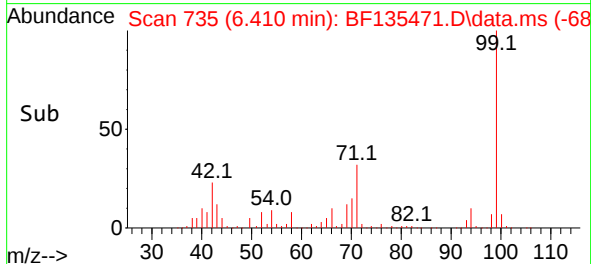
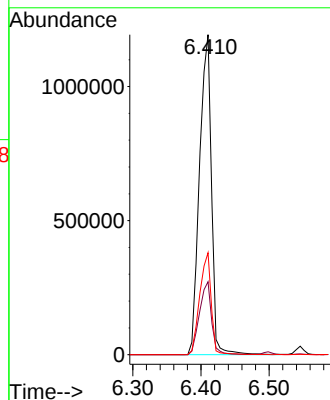
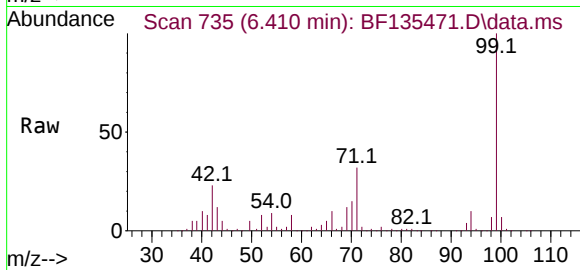




#7
Phenol-d6
Concen: 115.763 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

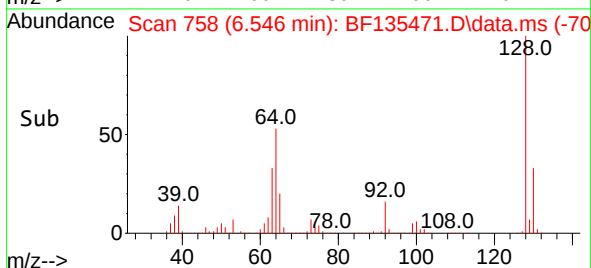
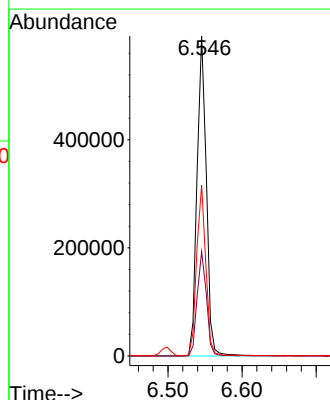
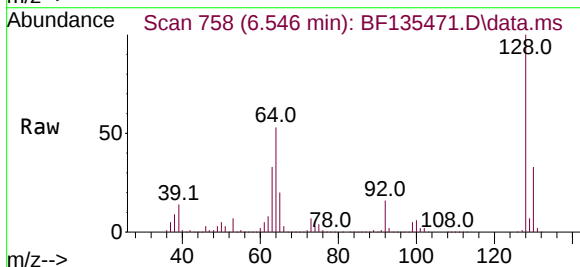
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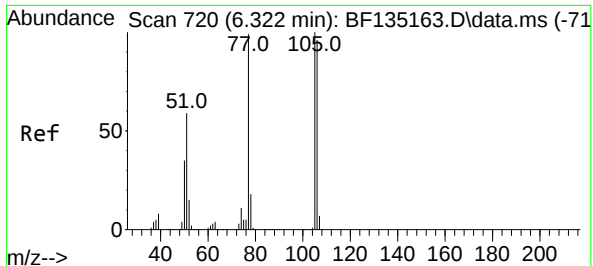
Tgt Ion: 99 Resp: 1451438
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 31.8 27.0 40.6



#8
2-Chlorophenol
Concen: 48.990 ng
RT: 6.546 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

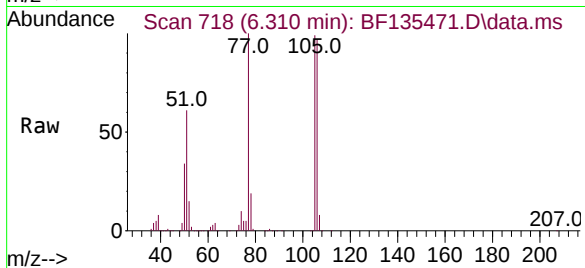
Tgt Ion:128 Resp: 515665
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 53.4 35.9 75.9



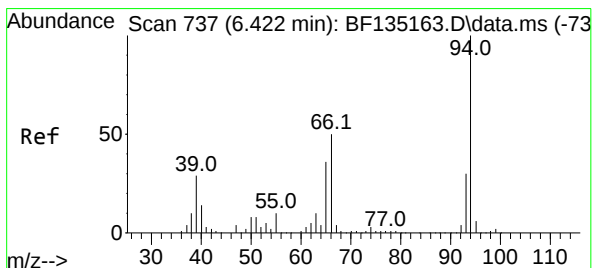
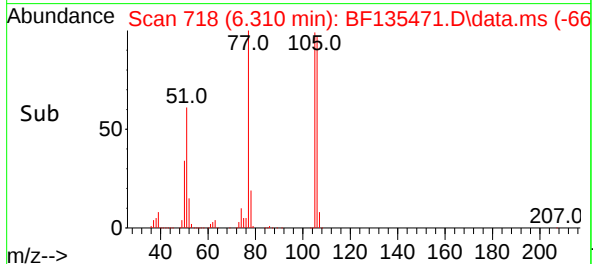
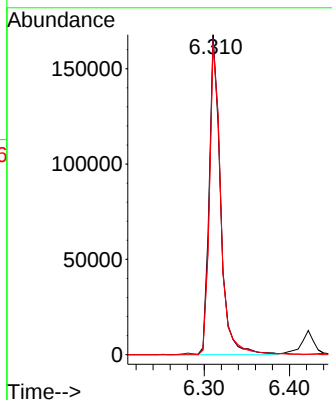


#9
Benzaldehyde
Concen: 21.702 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Instrument :
BNA_F
ClientSampleId :

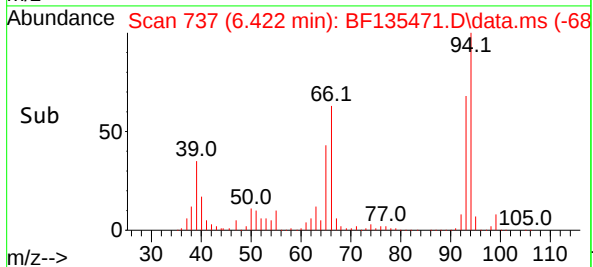
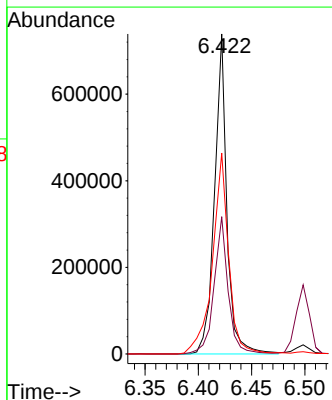
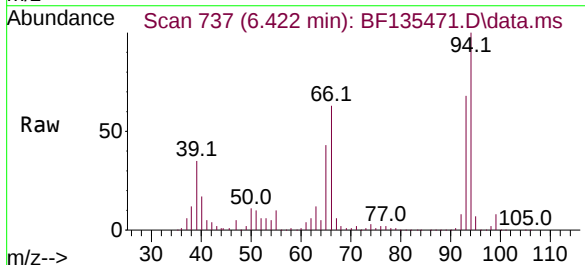


Tgt Ion: 77 Resp: 155009
Ion Ratio Lower Upper
77 100
105 98.9 81.4 121.4
106 96.7 76.9 116.9



#10
Phenol
Concen: 43.346 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

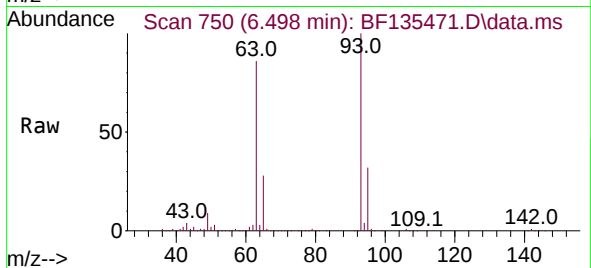
Tgt Ion: 94 Resp: 595941
Ion Ratio Lower Upper
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65 42.9 15.9 55.9
66 62.8 29.8 69.8



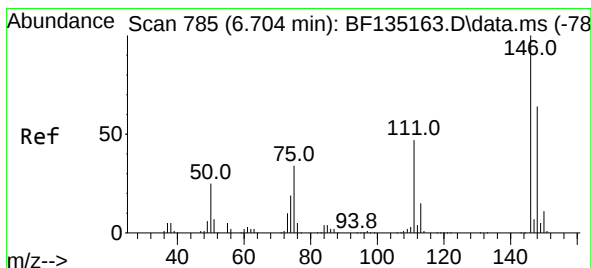
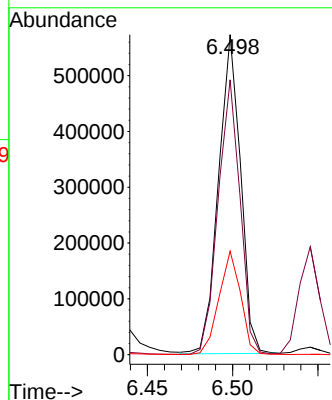
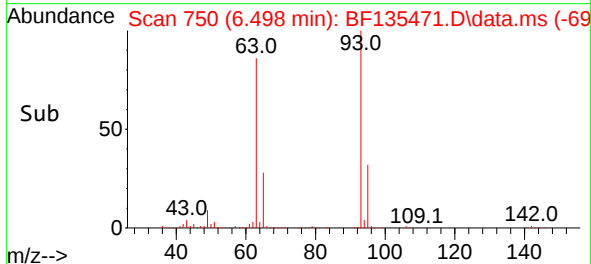


#11
bis(2-Chloroethyl)ether
Concen: 49.733 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Instrument :
BNA_F
ClientSampleId :

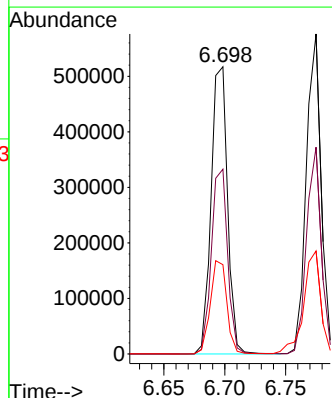
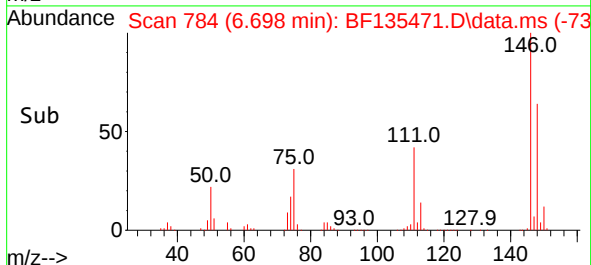
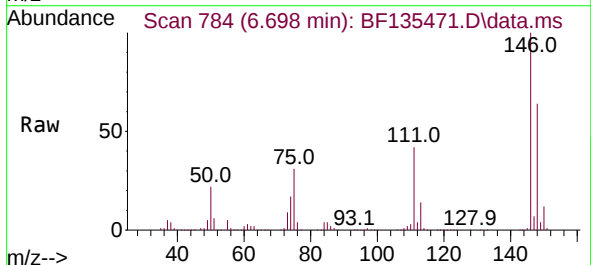


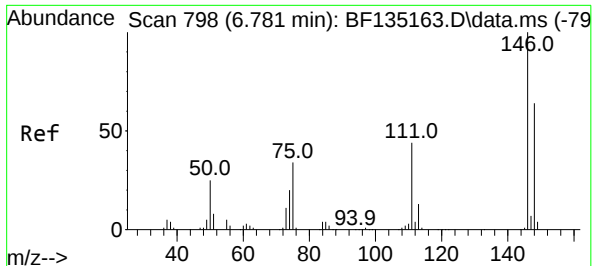
Tgt Ion: 93 Resp: 512890
Ion Ratio Lower Upper
93 100
63 85.9 67.3 107.3
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.365 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:146 Resp: 485291
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 31.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.320 ng

RT: 6.775 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

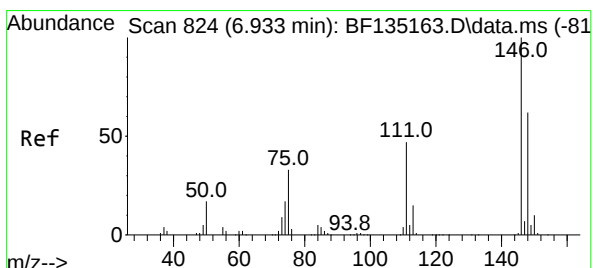
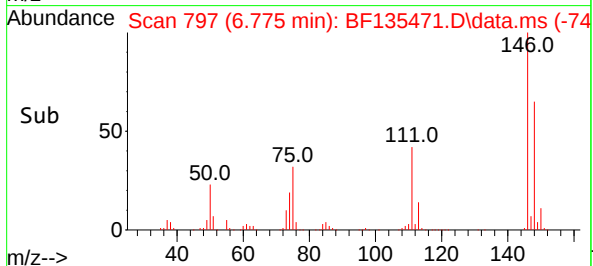
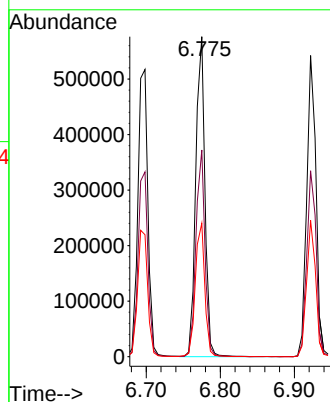
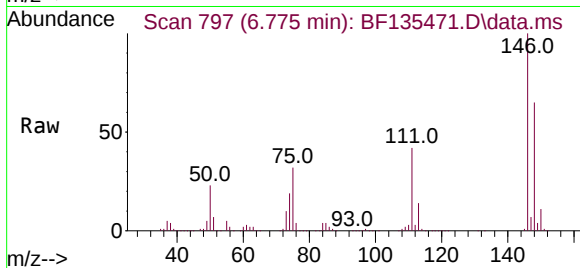
Tgt Ion:146 Resp: 493250

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

111 41.7 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 46.444 ng

RT: 6.922 min Scan# 822

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

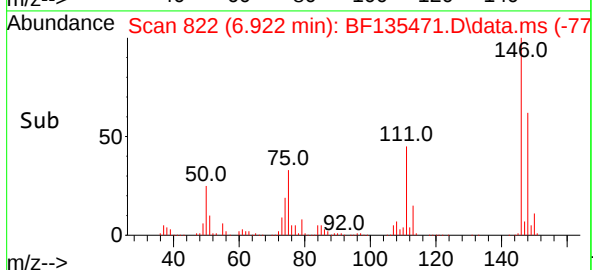
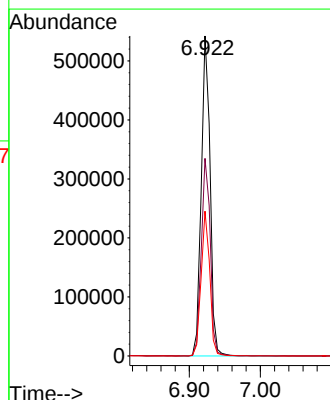
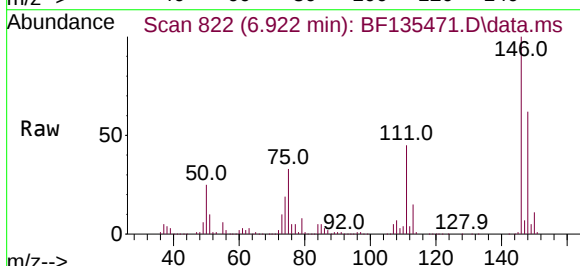
Tgt Ion:146 Resp: 469417

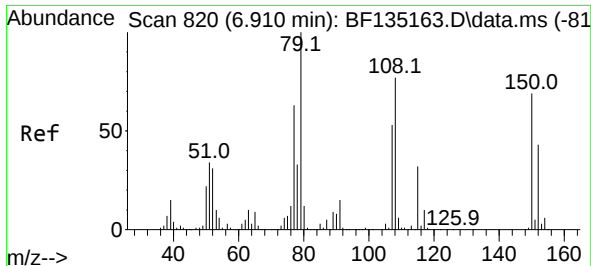
Ion Ratio Lower Upper

146 100

148 61.8 49.7 74.5

111 45.3 37.4 56.2

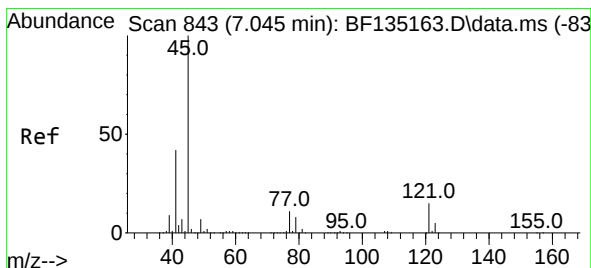
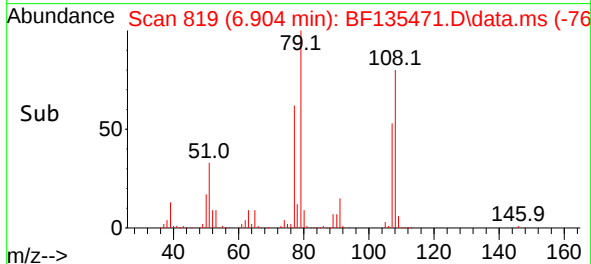
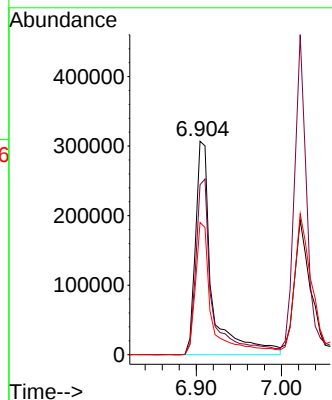
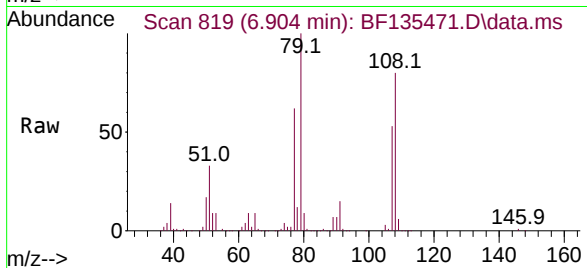




#15
Benzyl Alcohol
Concen: 46.392 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

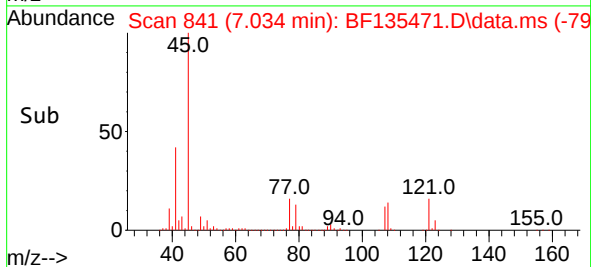
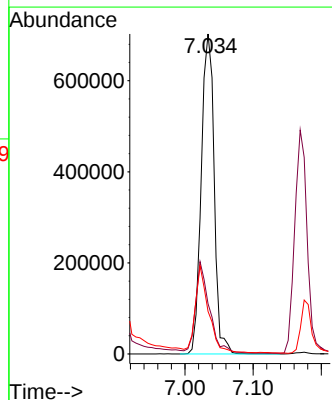
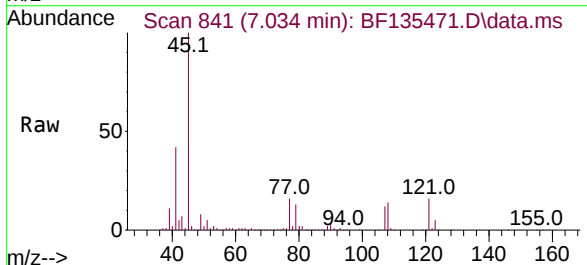
Instrument :
BNA_F
ClientSampleId :

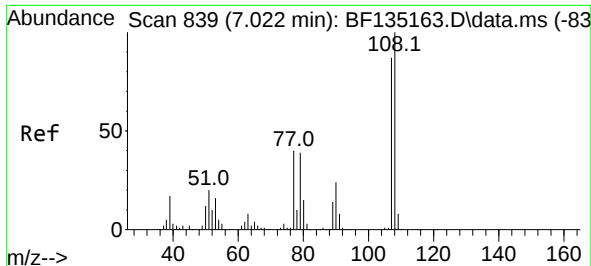
Tgt Ion: 79 Resp: 417398
Ion Ratio Lower Upper
79 100
108 79.6 61.2 91.8
77 61.9 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.624 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

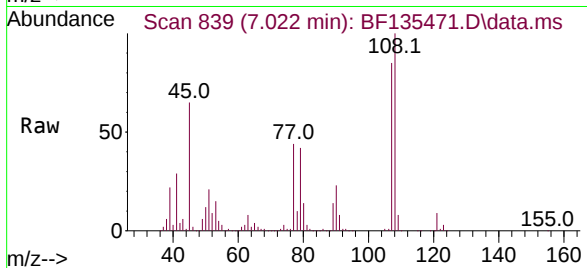
Tgt Ion: 45 Resp: 925761
Ion Ratio Lower Upper
45 100
77 15.7 0.0 30.6
79 13.3 0.0 28.3



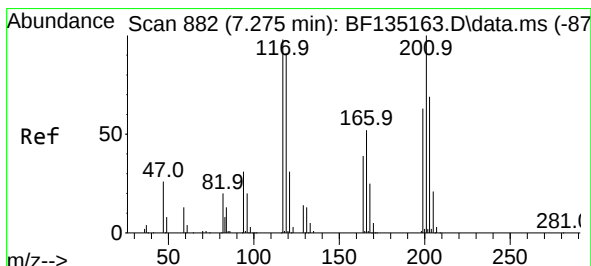
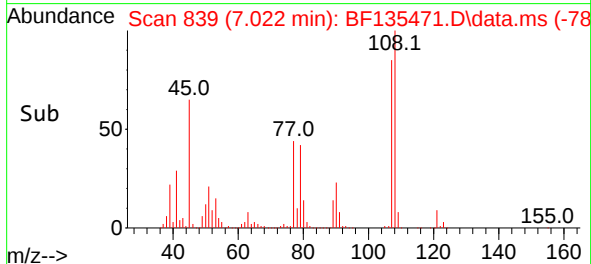
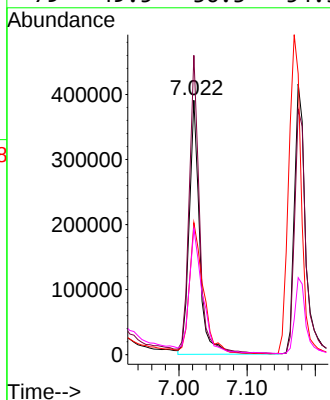


#17
2-Methylphenol
Concen: 44.459 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Instrument :
BNA_F
ClientSampleId :

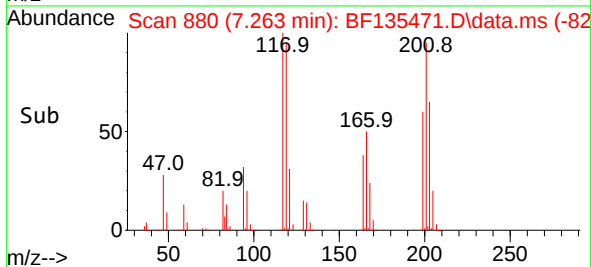
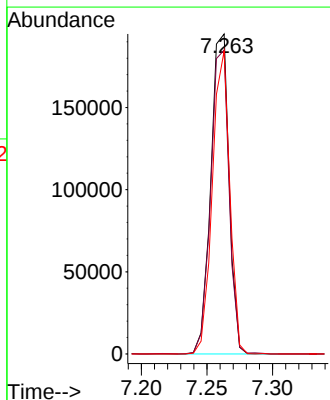
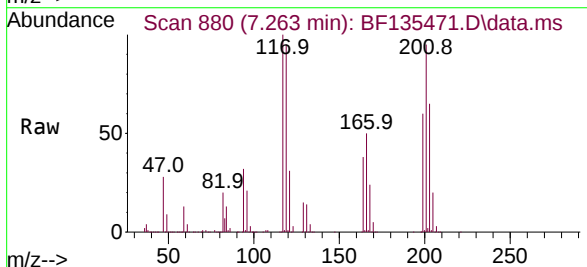


Tgt Ion:	107	Resp:	412971
Ion	Ratio	Lower	Upper
107	100		
108	117.7	92.0	138.0
77	51.8	36.7	55.1
79	49.5	36.3	54.5



#18
Hexachloroethane
Concen: 46.964 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

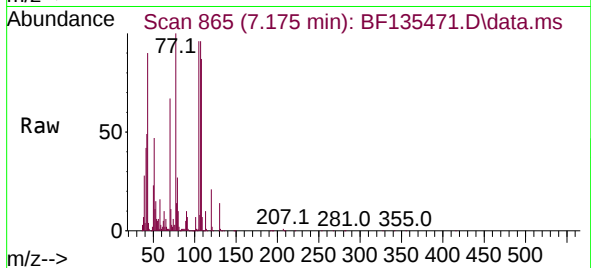
Tgt Ion:	117	Resp:	188860
Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.7	112.1
201	94.7	81.8	122.8



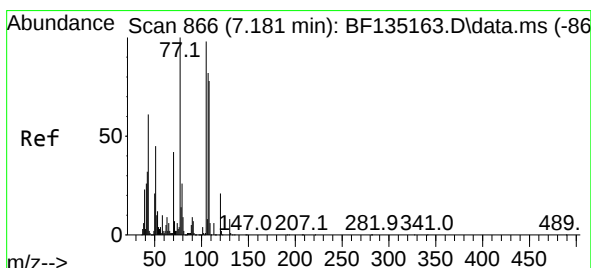
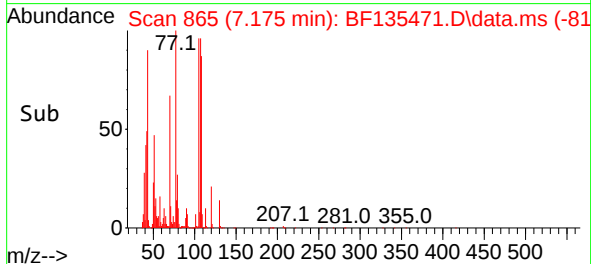
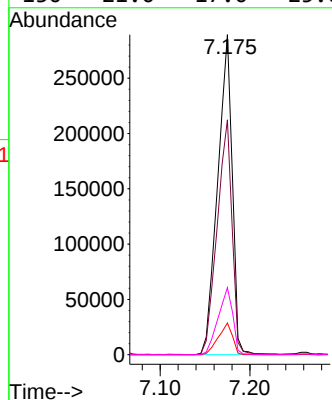


#19
n-Nitroso-di-n-propylamine
Concen: 42.090 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Instrument :
BNA_F
ClientSampleId :

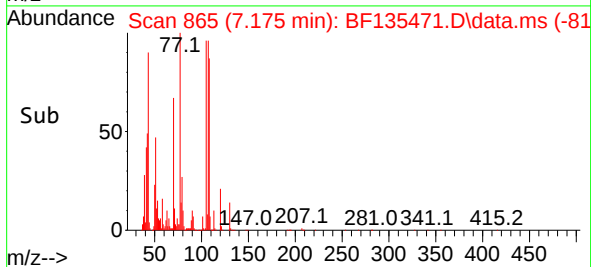
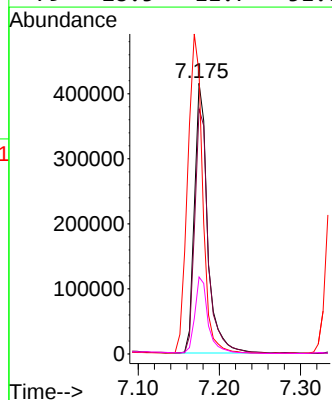
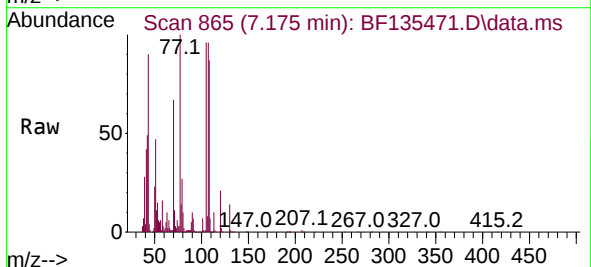


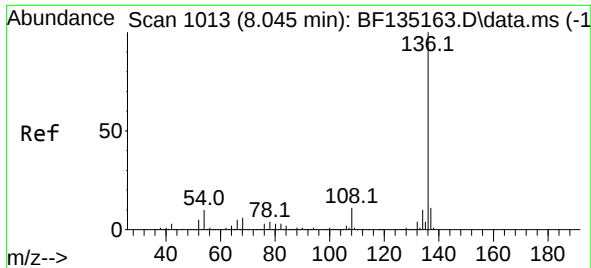
Tgt Ion:	70	Resp:	326877
Ion	Ratio	Lower	Upper
70	100		
42	73.4	55.4	83.0
101	9.9	7.7	11.5
130	21.0	17.0	25.6



#20
3+4-Methylphenols
Concen: 41.917 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

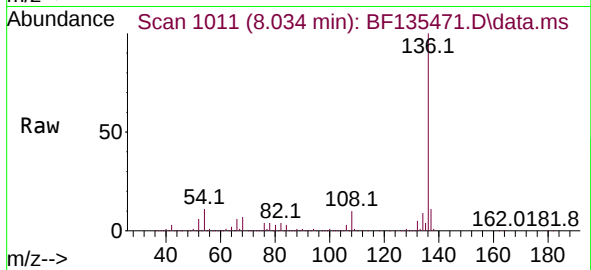
Tgt Ion:	107	Resp:	468195
Ion	Ratio	Lower	Upper
107	100		
108	90.5	74.7	114.7
77	103.7	102.0	142.0
79	28.5	11.7	51.7



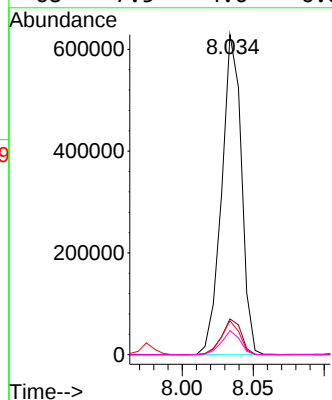
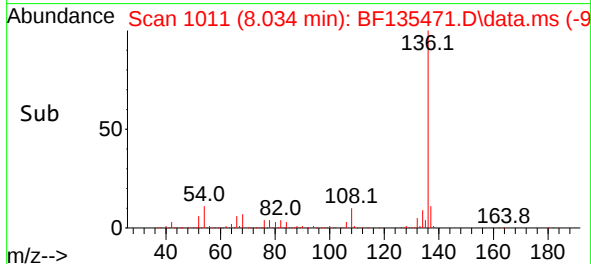


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

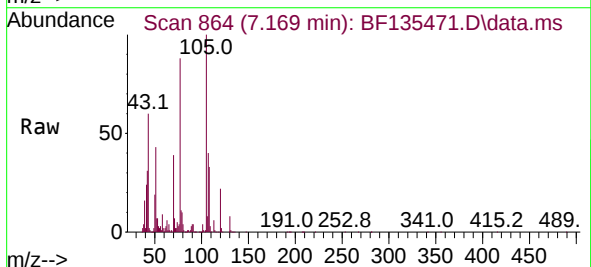
Instrument :
BNA_F
ClientSampleId :



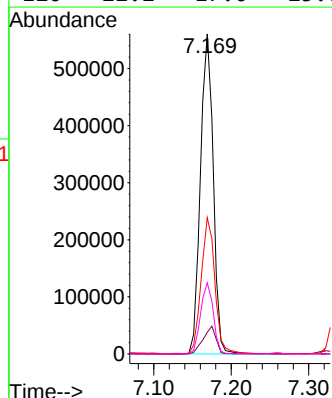
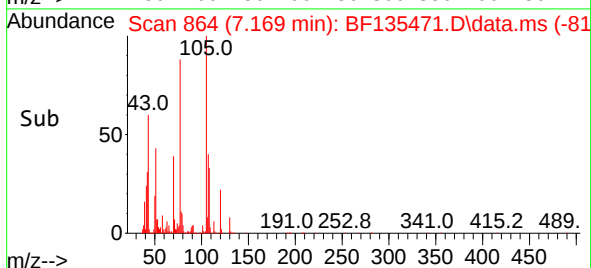
Tgt Ion:136 Resp: 606773
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.6 7.7 11.5
68 7.5 4.6 6.8#



#22
Acetophenone
Concen: 46.284 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29



Tgt Ion:105 Resp: 642067
Ion Ratio Lower Upper
105 100
71 6.8 5.8 8.6
51 42.6 37.0 55.4
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 83.948 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

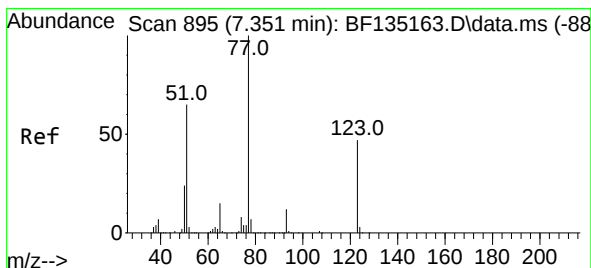
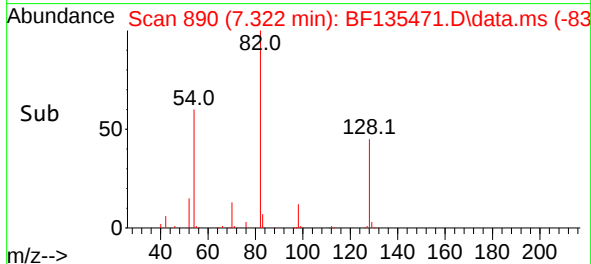
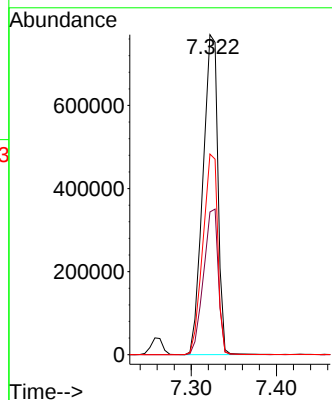
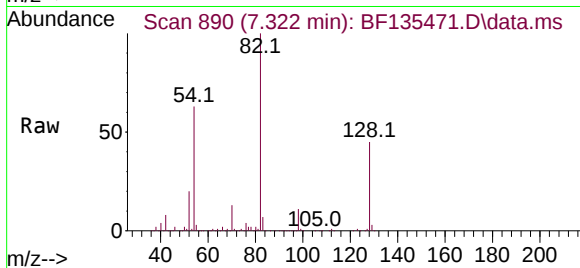
Tgt Ion: 82 Resp: 937563

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.6

54 62.7 50.6 76.0



#24

Nitrobenzene

Concen: 48.863 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

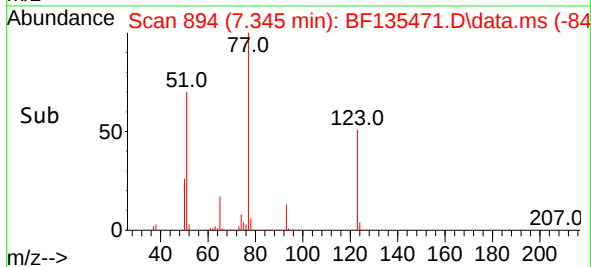
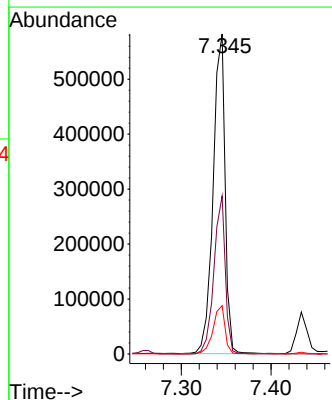
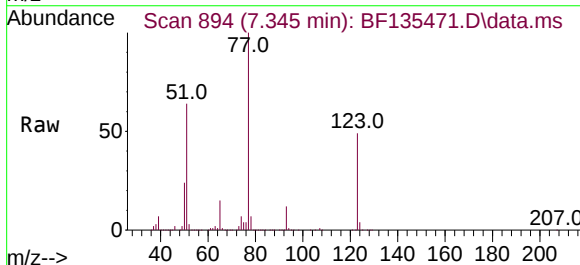
Tgt Ion: 77 Resp: 539388

Ion Ratio Lower Upper

77 100

123 49.4 37.6 56.4

65 15.1 12.2 18.4

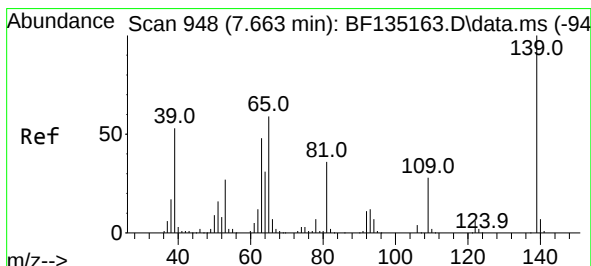
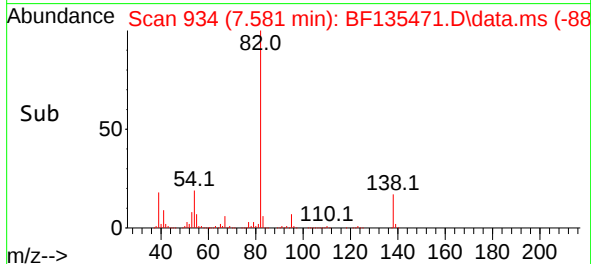
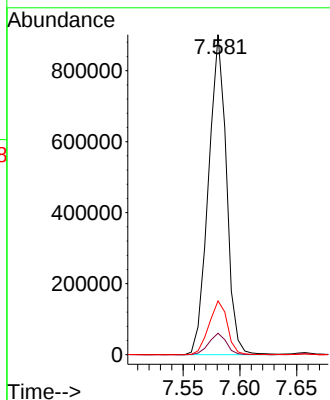
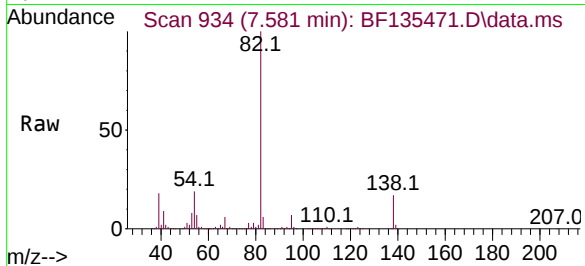




#25
Isophorone
Concen: 48.373 ng
RT: 7.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

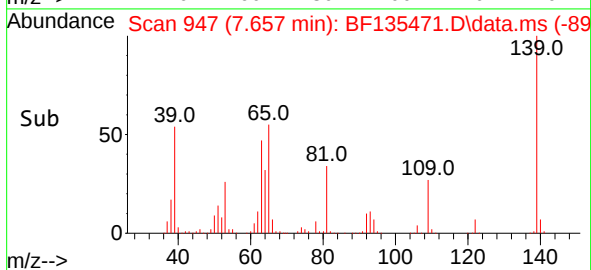
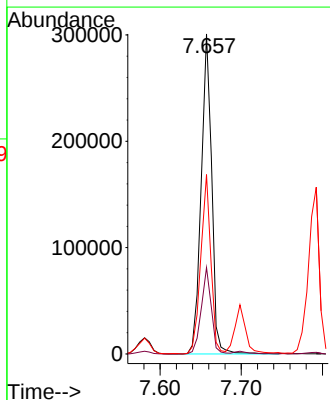
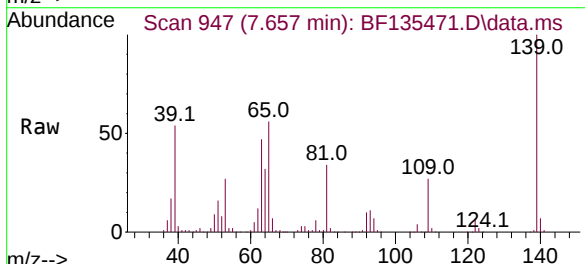
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 992045
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 16.8 14.5 21.7



#26
2-Nitrophenol
Concen: 51.248 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:139 Resp: 271515
Ion Ratio Lower Upper
139 100
109 27.0 22.6 33.8
65 56.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.221 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

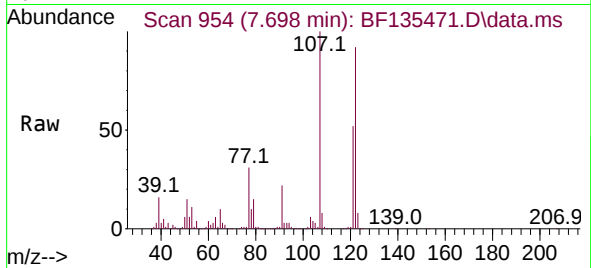
Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :



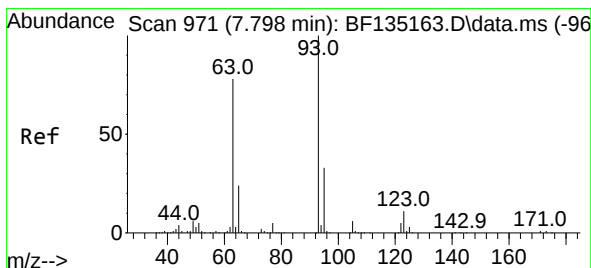
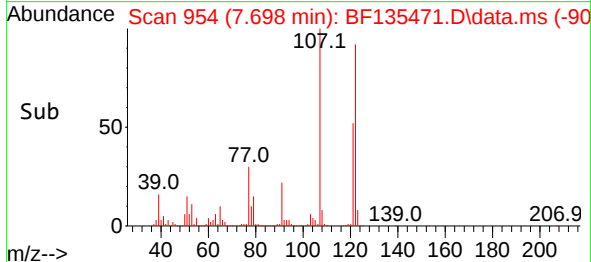
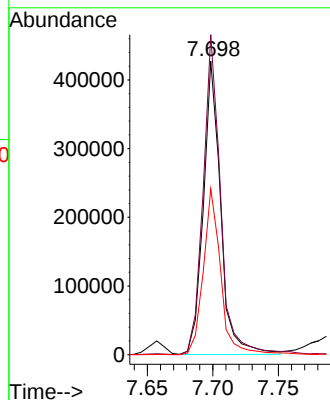
Tgt Ion:122 Resp: 393804

Ion Ratio Lower Upper

122 100

107 109.0 90.2 135.4

121 56.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 50.951 ng

RT: 7.793 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

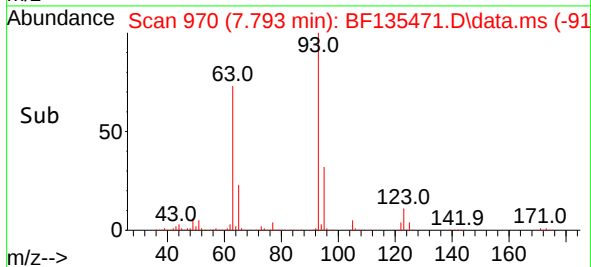
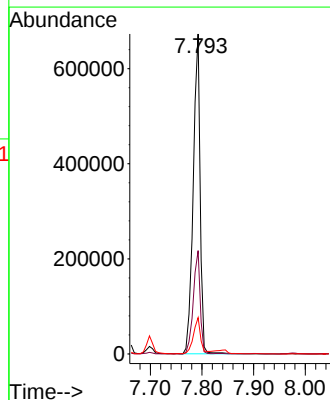
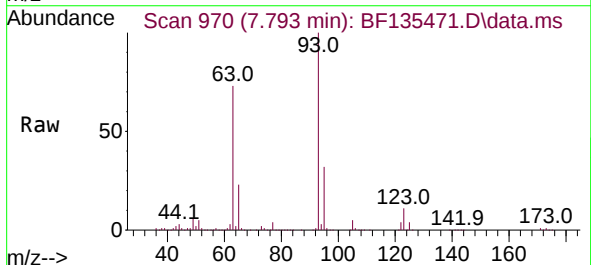
Tgt Ion: 93 Resp: 625413

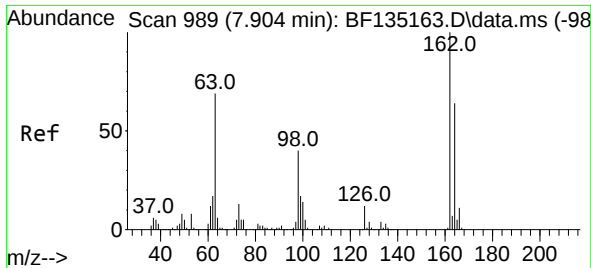
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.273 ng

RT: 7.904 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

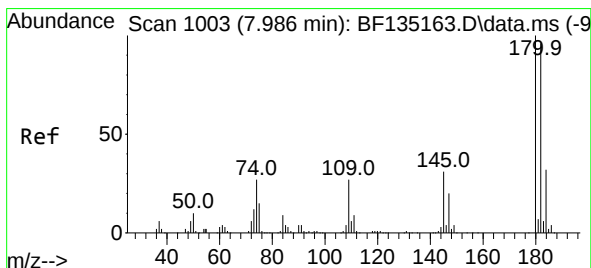
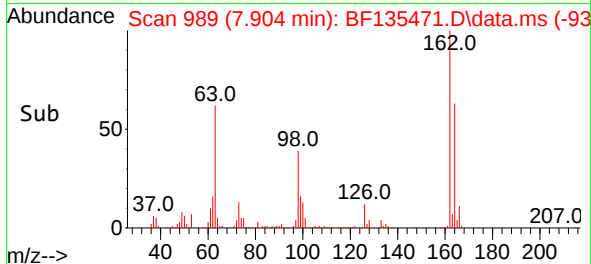
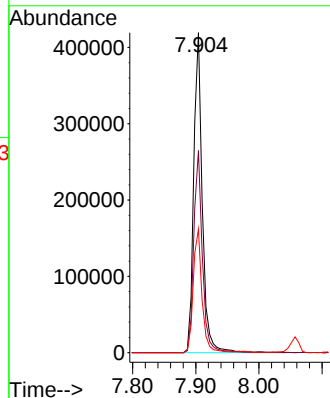
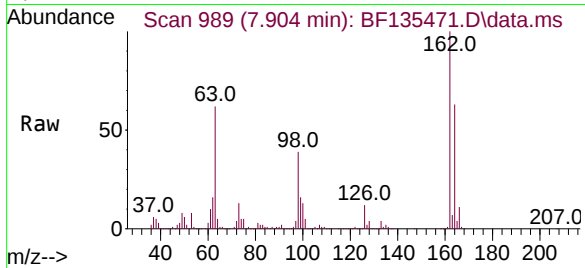
Tgt Ion:162 Resp: 398345

Ion Ratio Lower Upper

162 100

164 63.2 44.1 84.1

98 38.6 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 48.069 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

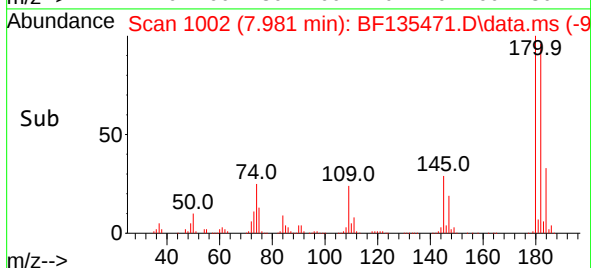
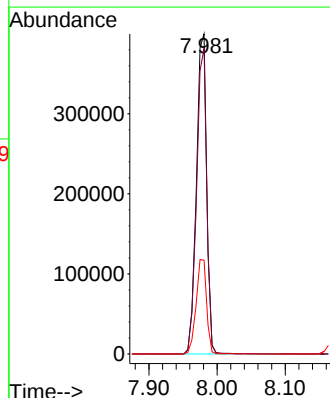
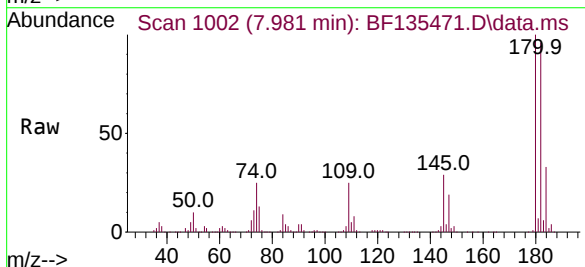
Tgt Ion:180 Resp: 414599

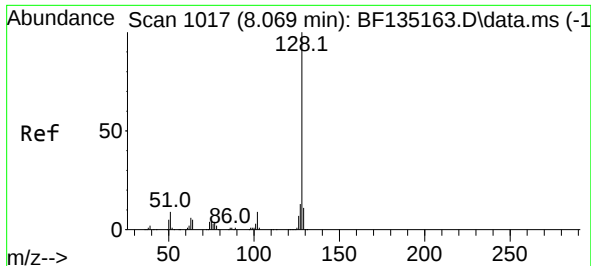
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 29.3 24.5 36.7

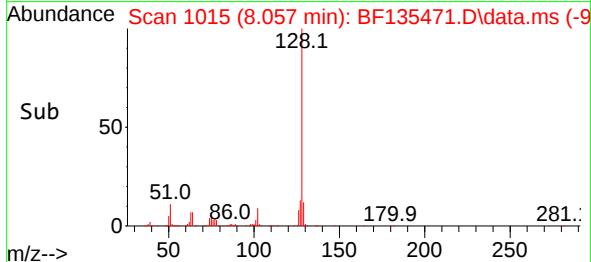
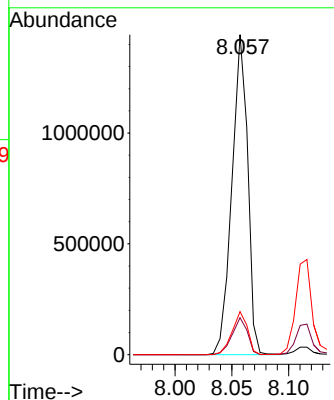
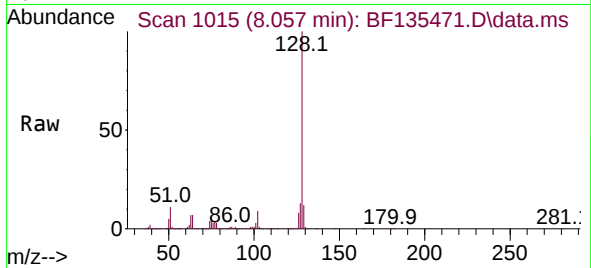




#31
Naphthalene
Concen: 47.225 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

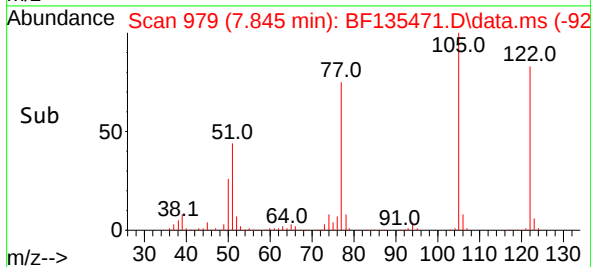
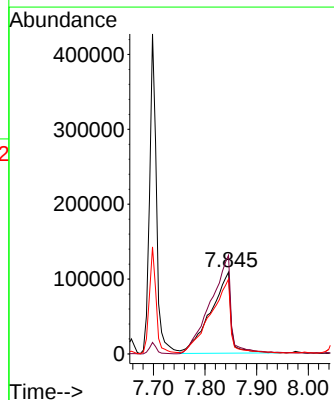
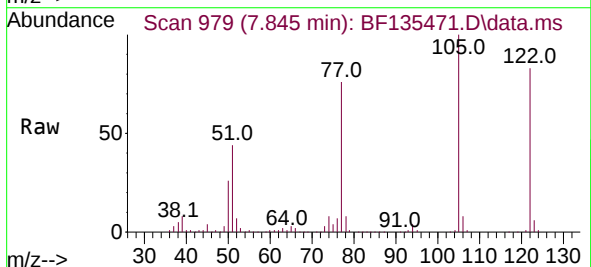
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1392247
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 44.646 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.018 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:122 Resp: 299391
Ion Ratio Lower Upper
122 100
105 120.6 99.9 139.9
77 91.4 70.0 110.0

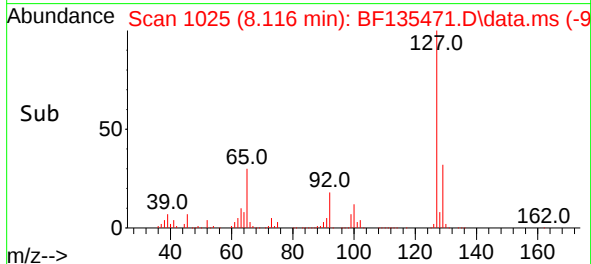
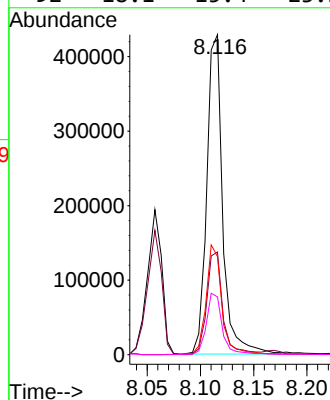
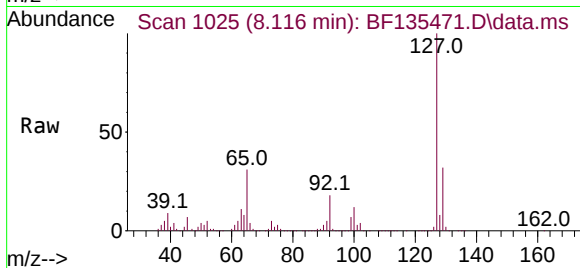




#33
4-Chloroaniline
Concen: 34.453 ng
RT: 8.116 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

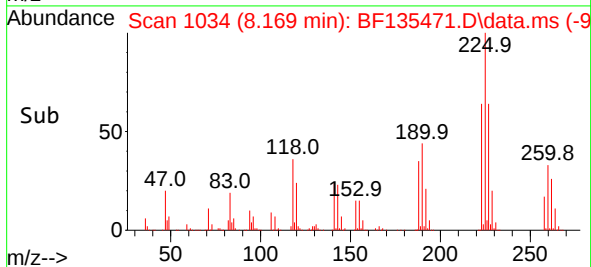
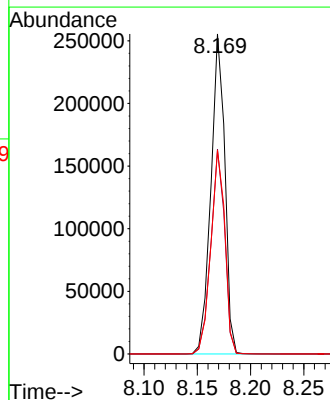
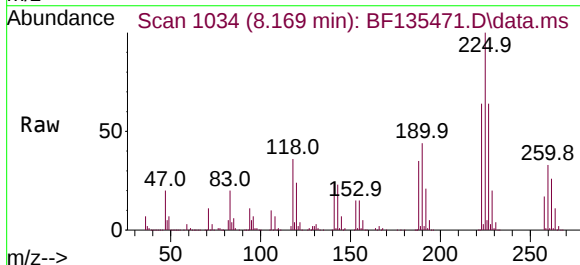
Instrument :
BNA_F
ClientSampleId :

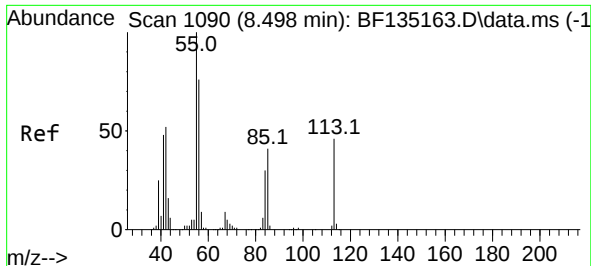
Tgt Ion:127	Resp: 445638
Ion Ratio	Lower Upper
127 100	
129 32.1	25.8 38.8
65 30.6	26.6 39.8
92 18.1	15.4 23.2



#34
Hexachlorobutadiene
Concen: 44.659 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:225	Resp: 232258
Ion Ratio	Lower Upper
225 100	
223 64.0	50.6 75.8
227 63.6	50.8 76.2

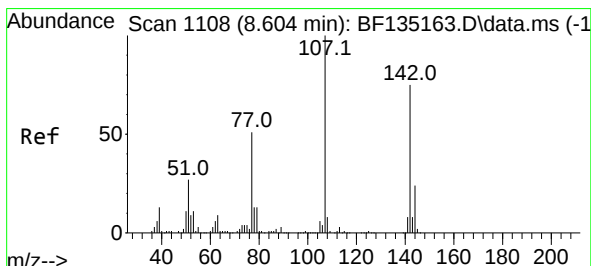
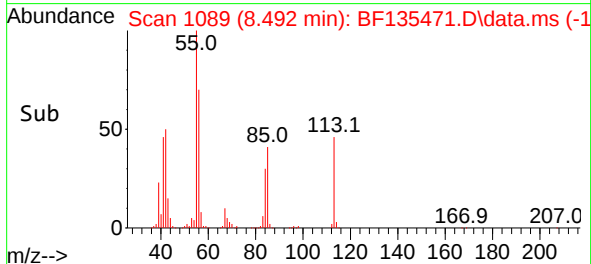
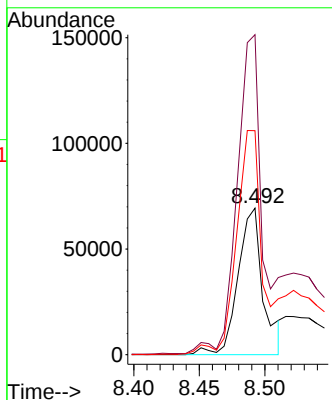
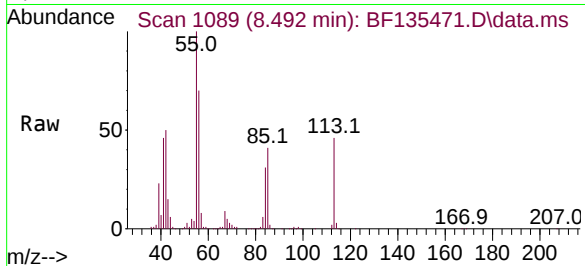




#35
 Caprolactam
 Concen: 33.277 ng
 RT: 8.492 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF135471.D
 Acq: 27 Sep 2023 14:29

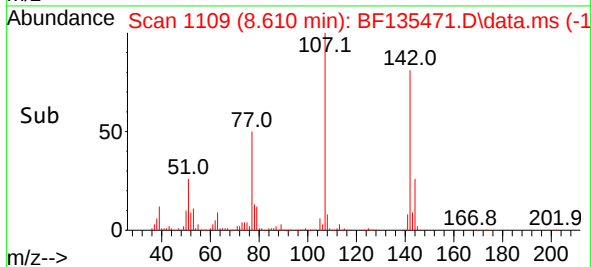
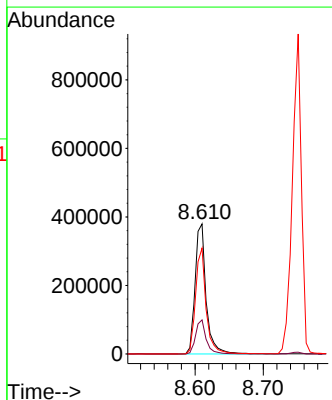
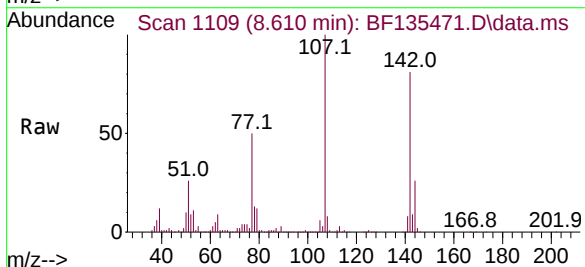
Instrument :
 BNA_F
 ClientSampleId :

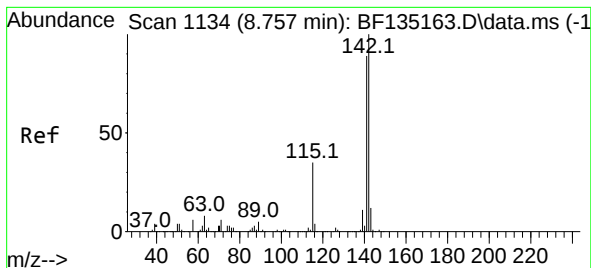
Tgt Ion:113 Resp: 92158
 Ion Ratio Lower Upper
 113 100
 55 218.3 199.3 239.3
 56 152.9 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.277 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135471.D
 Acq: 27 Sep 2023 14:29

Tgt Ion:107 Resp: 424419
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.0 28.4
 142 81.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.788 ng

RT: 8.751 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

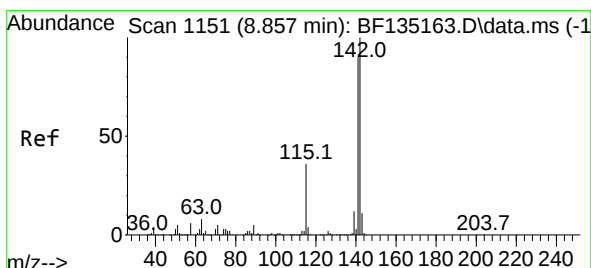
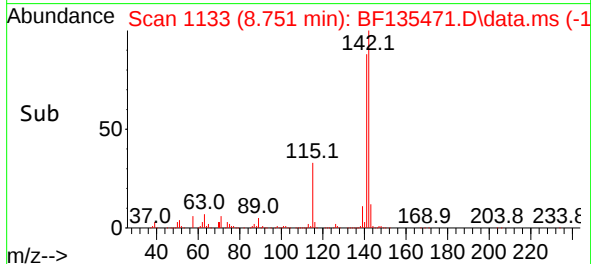
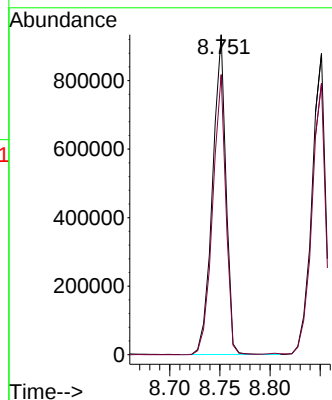
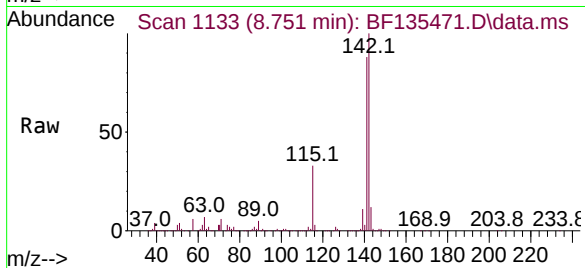
ClientSampleId :

Tgt Ion:142 Resp: 867766

Ion Ratio Lower Upper

142 100

141 87.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 44.375 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BF135471.D

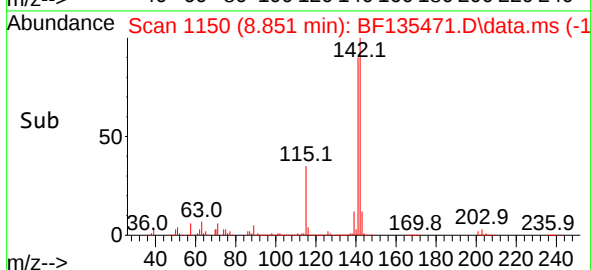
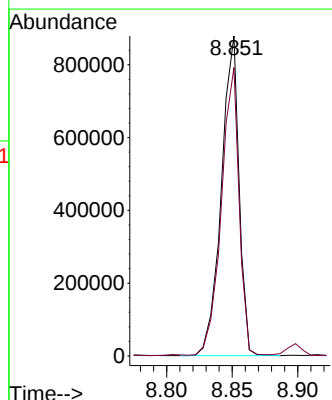
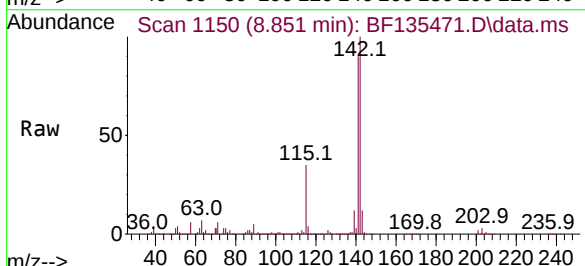
Acq: 27 Sep 2023 14:29

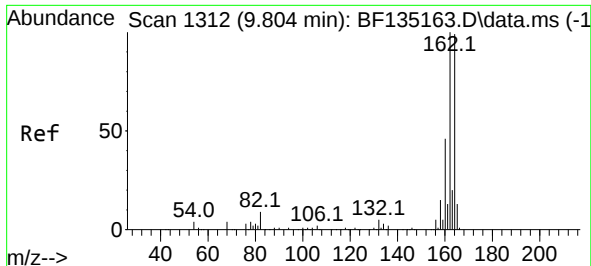
Tgt Ion:142 Resp: 823323

Ion Ratio Lower Upper

142 100

141 90.1 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

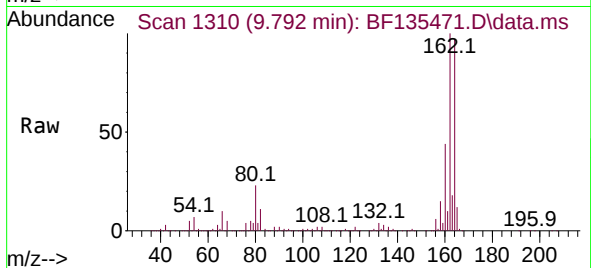
Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :



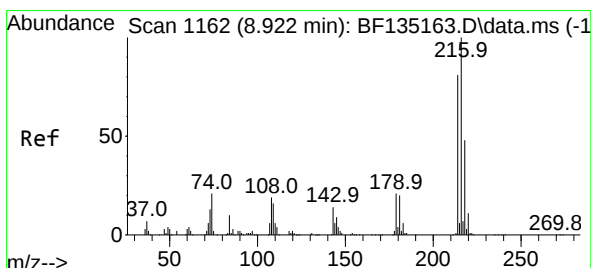
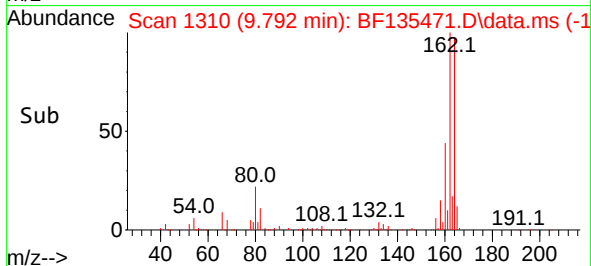
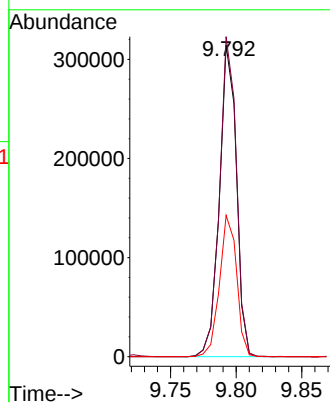
Tgt Ion:164 Resp: 282409

Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.4

160 45.3 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.739 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Tgt Ion:216 Resp: 398767

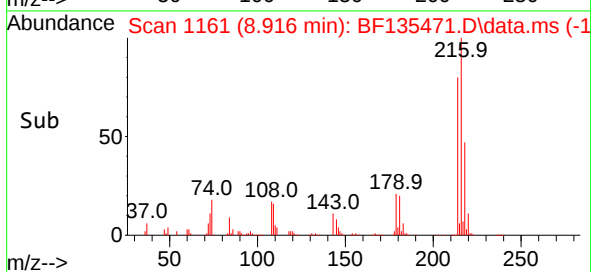
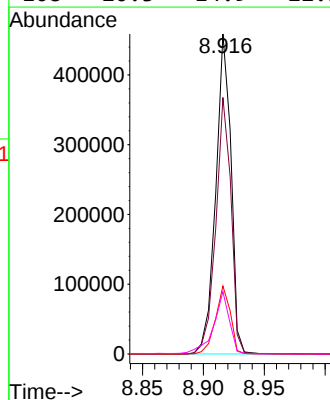
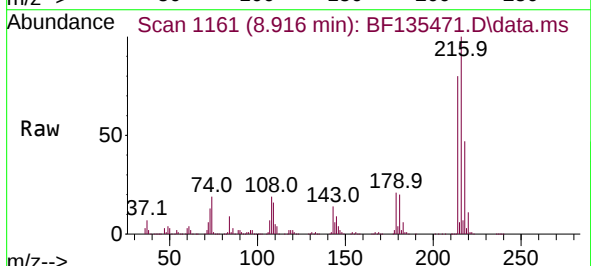
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 20.8 16.7 25.1

108 20.3 14.9 22.3

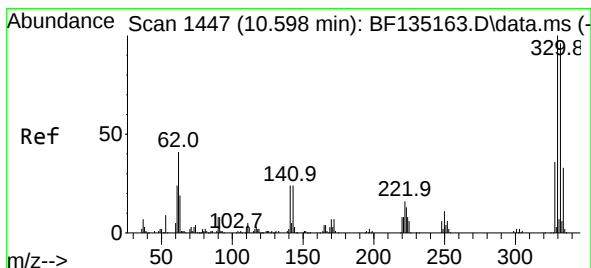
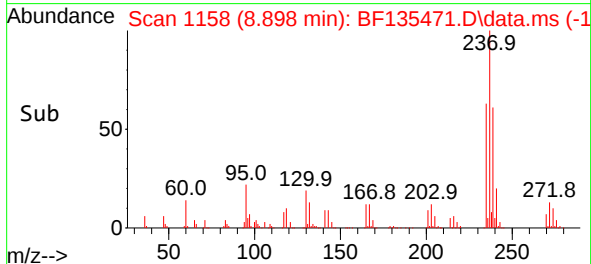
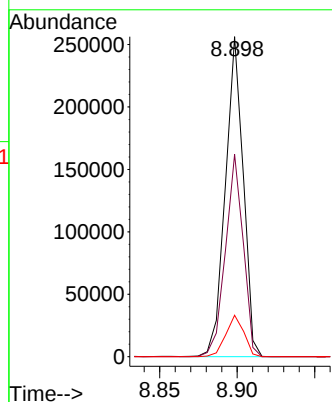
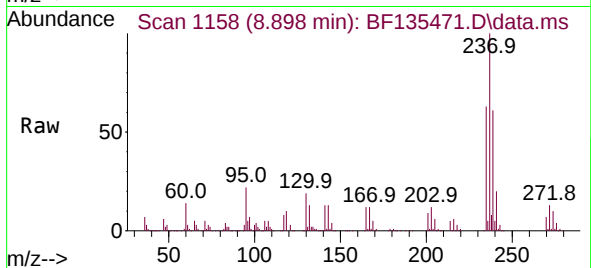




#41
Hexachlorocyclopentadiene
Concen: 59.154 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

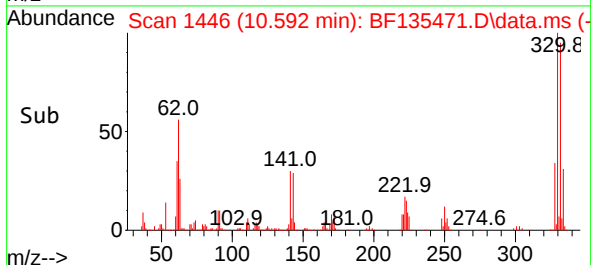
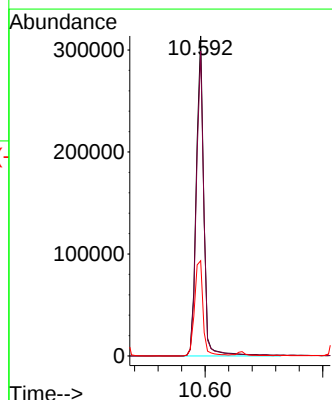
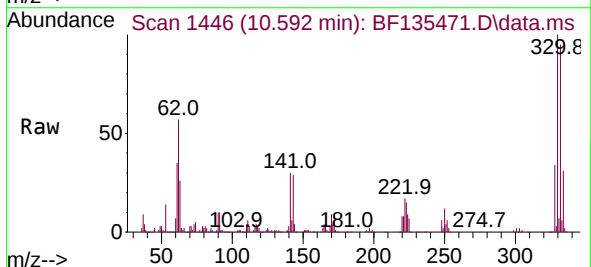
Instrument :
BNA_F
ClientSampleId :

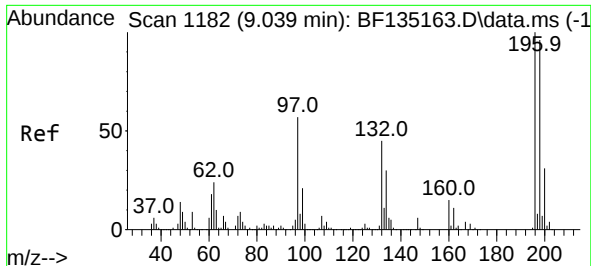
Tgt Ion:237 Resp: 205613
Ion Ratio Lower Upper
237 100
235 63.3 41.8 81.8
272 12.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 99.079 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:330 Resp: 278061
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 33.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 49.024 ng

RT: 9.034 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

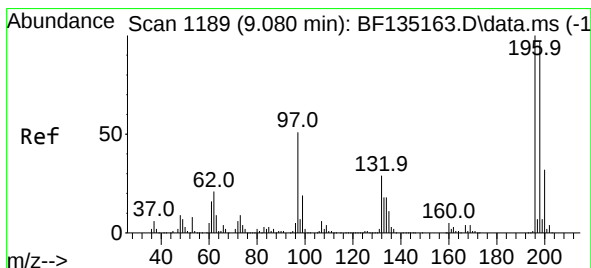
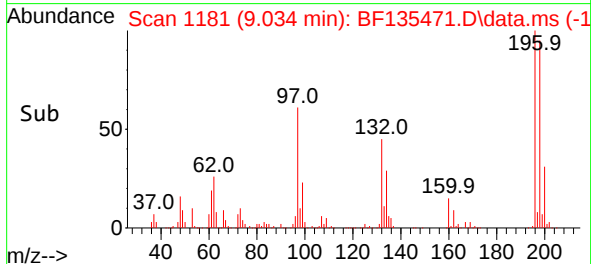
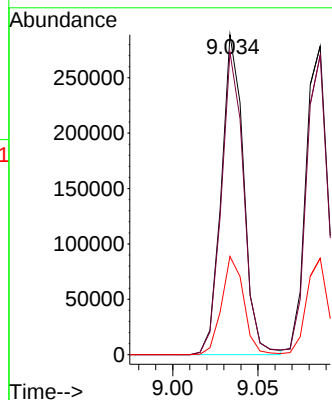
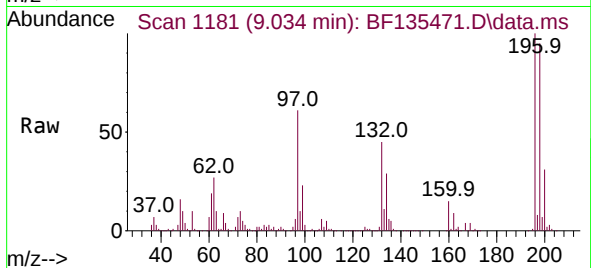
Tgt Ion:196 Resp: 262615

Ion Ratio Lower Upper

196 100

198 94.6 77.0 115.6

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 45.291 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.012 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Tgt Ion:196 Resp: 279400

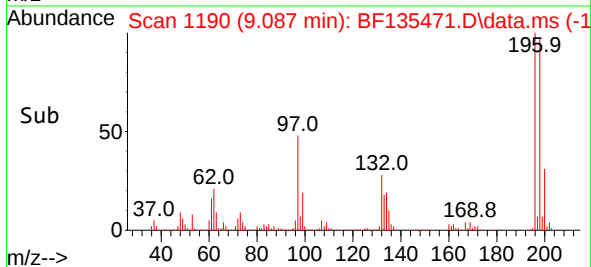
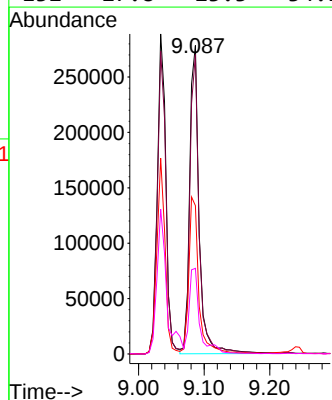
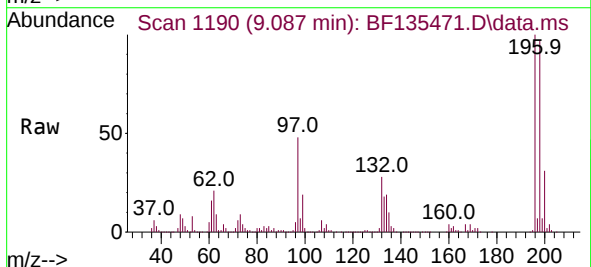
Ion Ratio Lower Upper

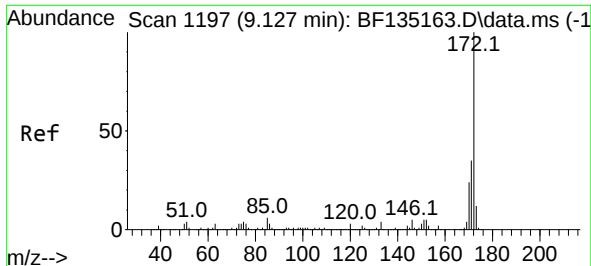
196 100

198 97.1 77.5 116.3

97 48.1 40.5 60.7

132 27.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 79.408 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

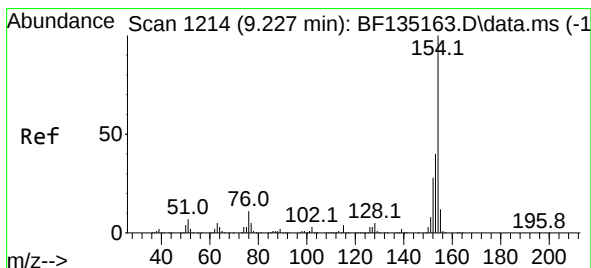
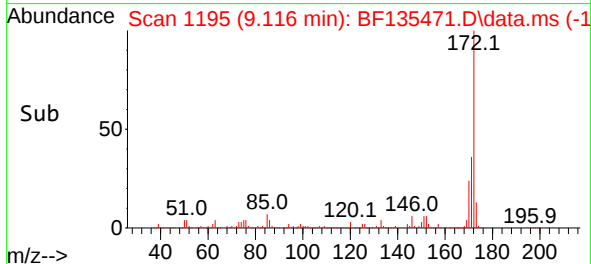
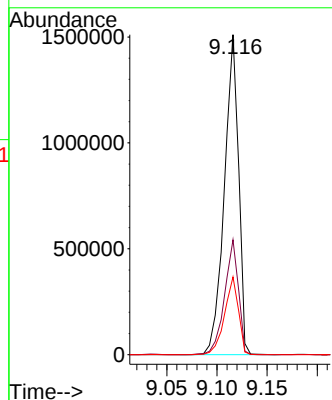
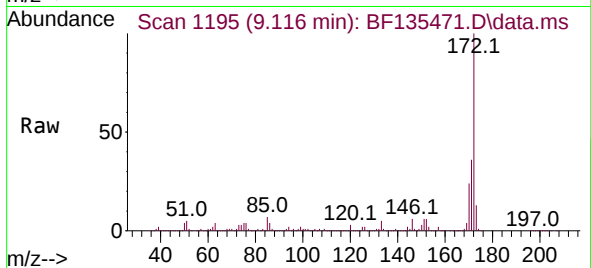
Tgt Ion:172 Resp: 1486390

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.040 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

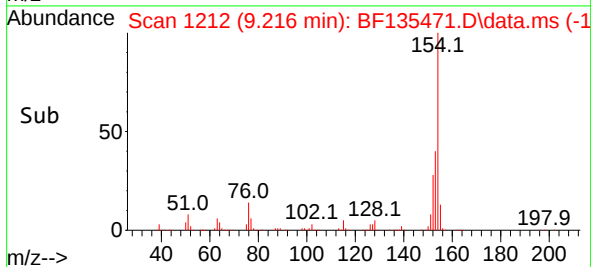
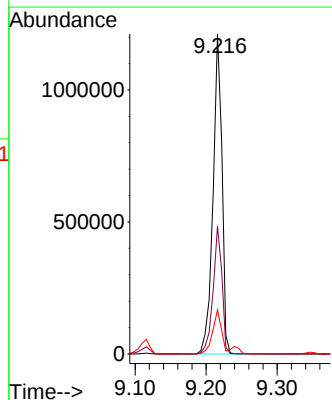
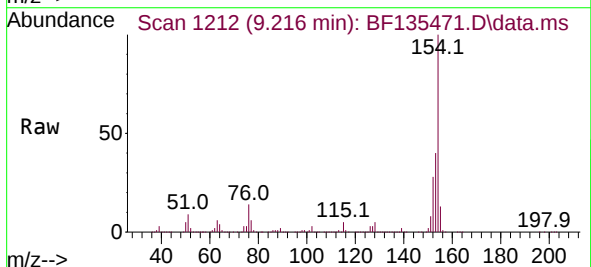
Tgt Ion:154 Resp: 1064299

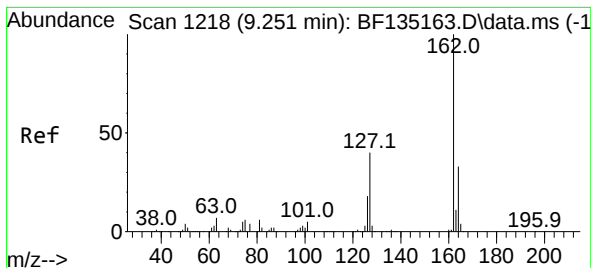
Ion Ratio Lower Upper

154 100

153 39.9 19.6 59.6

76 13.8 0.0 31.0





#47

2-Chloronaphthalene

Concen: 50.864 ng

RT: 9.239 min Scan# 11

Delta R.T. 0.000 min

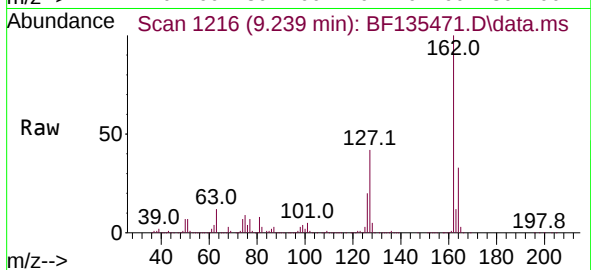
Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :



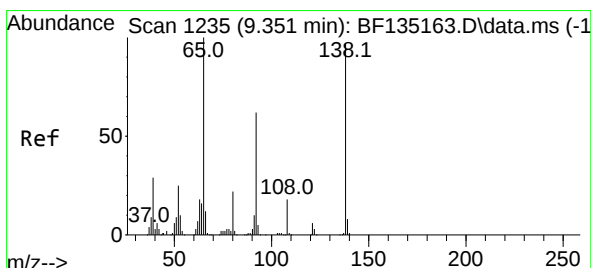
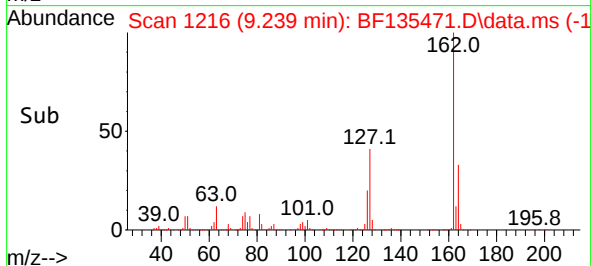
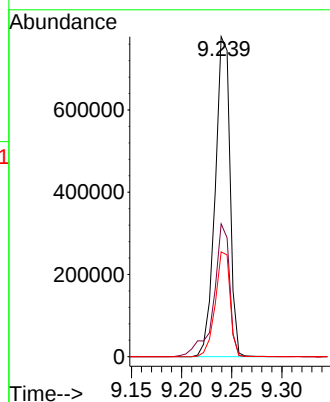
Tgt Ion:162 Resp: 800928

Ion Ratio Lower Upper

162 100

127 41.5 32.6 48.8

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 49.442 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

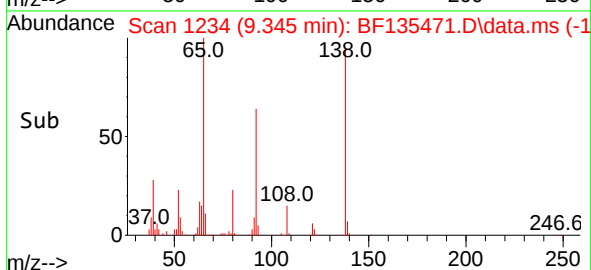
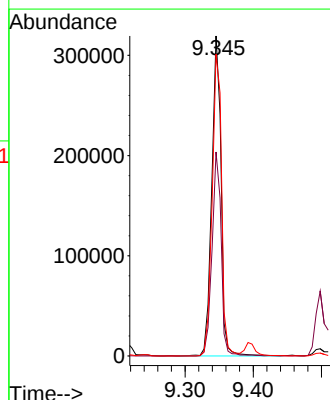
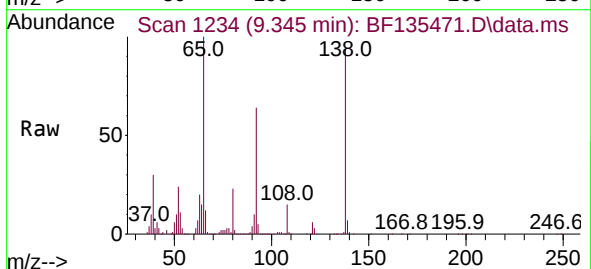
Tgt Ion: 65 Resp: 302461

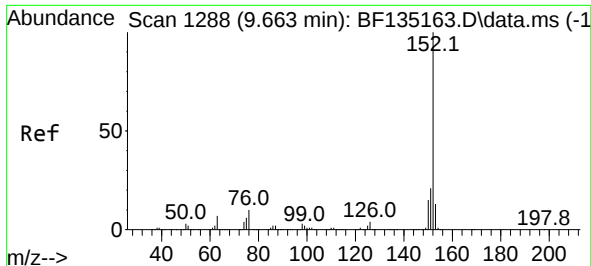
Ion Ratio Lower Upper

65 100

92 63.7 49.4 74.0

138 94.3 77.4 116.0





#49

Acenaphthylene

Concen: 48.427 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.000 min

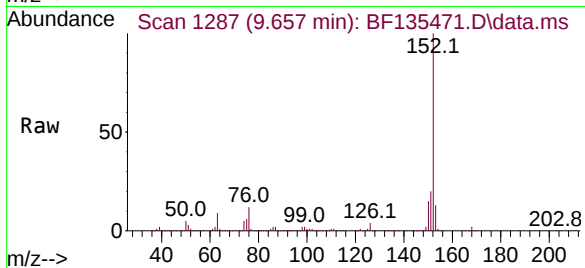
Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :



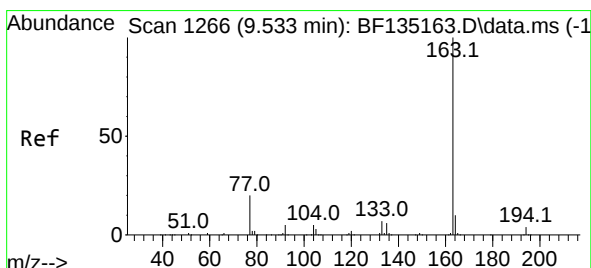
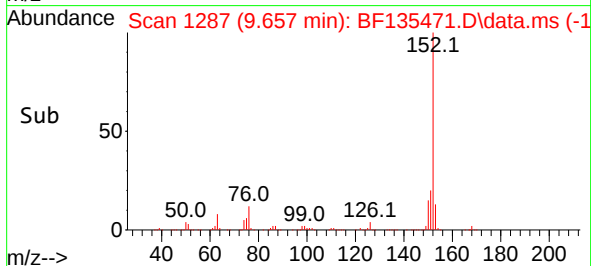
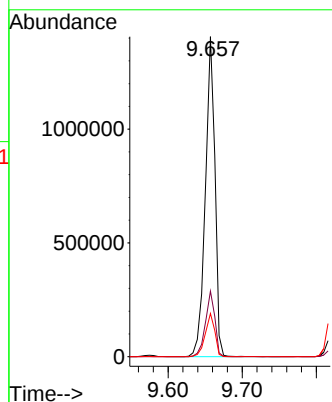
Tgt Ion:152 Resp: 1267326

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 47.721 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

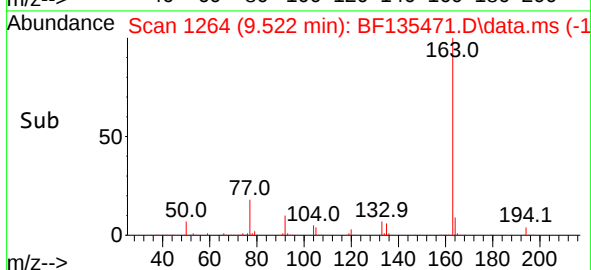
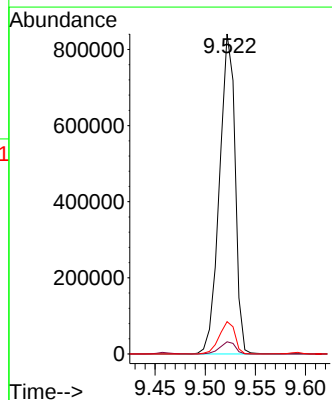
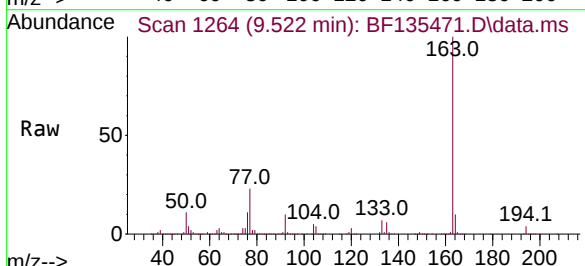
Tgt Ion:163 Resp: 911176

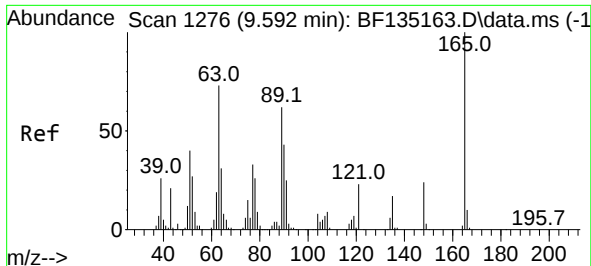
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 8.1 12.1

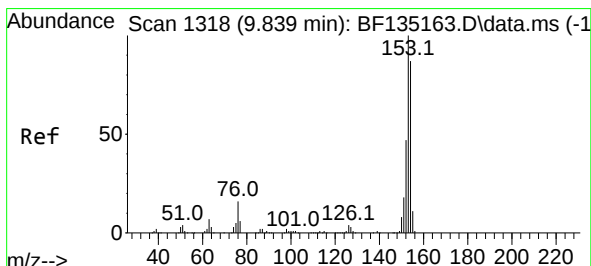
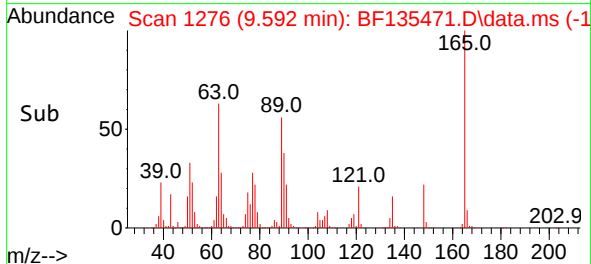
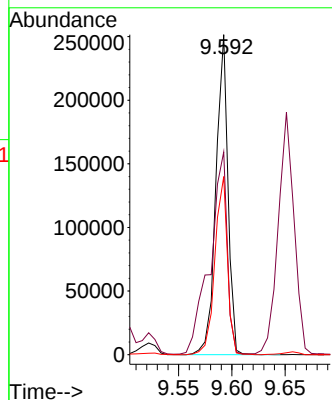
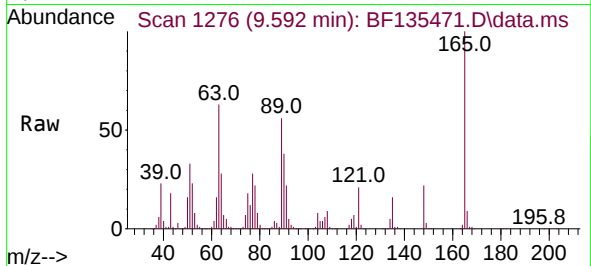




#51
2,6-Dinitrotoluene
Concen: 47.045 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

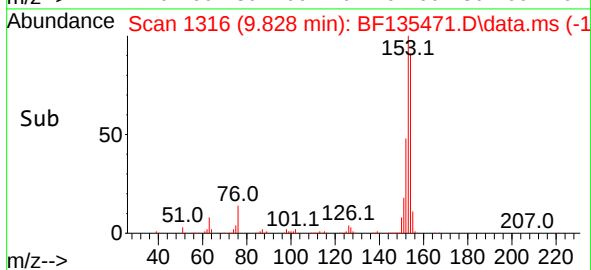
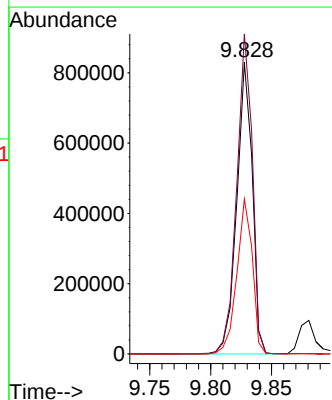
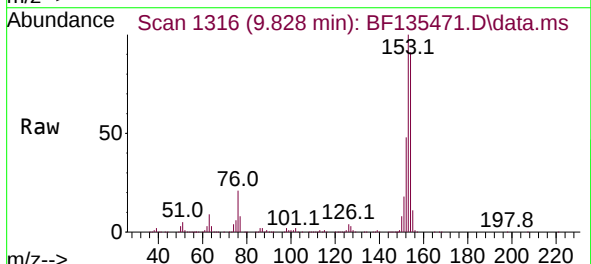
Instrument :
BNA_F
ClientSampleId :

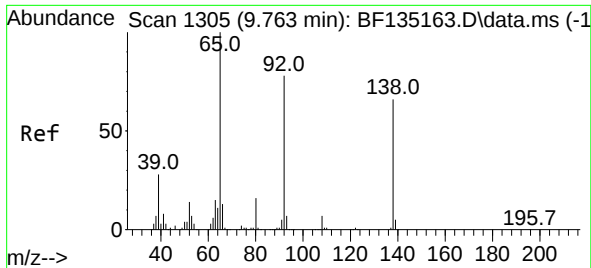
Tgt Ion:165 Resp: 196778
Ion Ratio Lower Upper
165 100
63 63.4 59.4 89.2
89 55.6 49.8 74.8



#52
Acenaphthene
Concen: 47.692 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:154 Resp: 737301
Ion Ratio Lower Upper
154 100
153 109.8 92.1 138.1
152 53.1 43.1 64.7

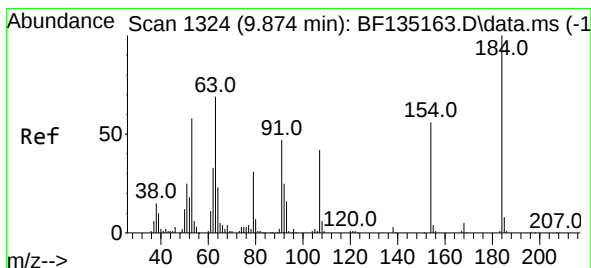
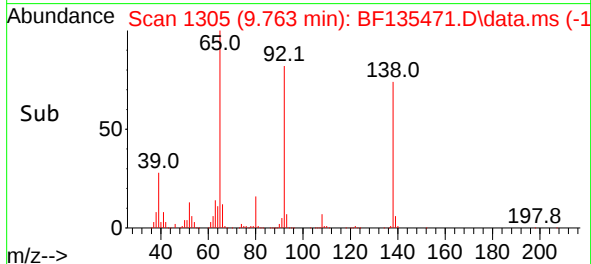
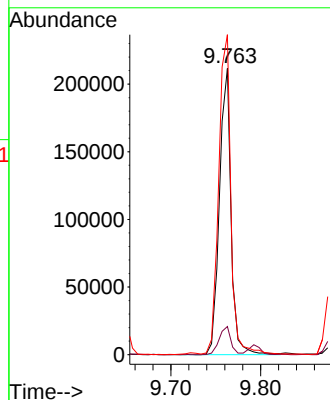
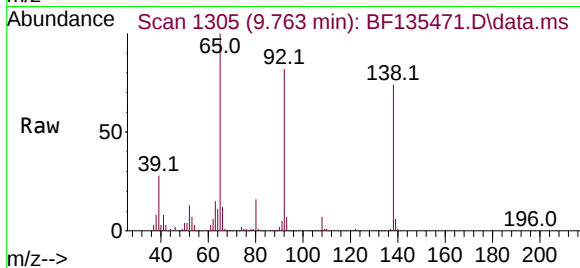




#53
3-Nitroaniline
Concen: 38.787 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

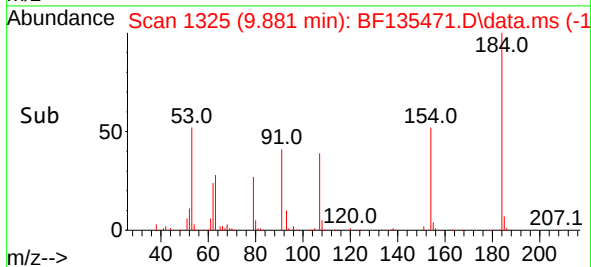
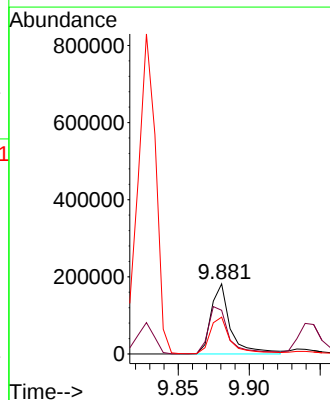
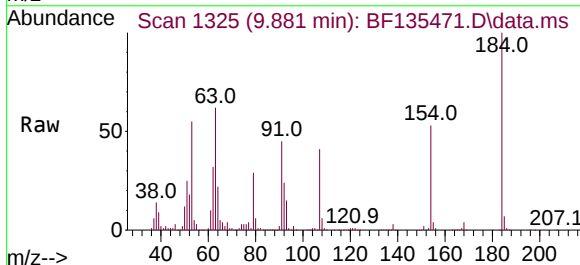
Instrument :
BNA_F
ClientSampleId :

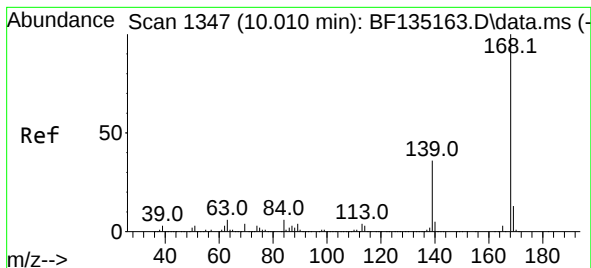
Tgt Ion:138 Resp: 190443
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 111.8 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 73.034 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:184 Resp: 172023
Ion Ratio Lower Upper
184 100
63 62.5 55.1 82.7
154 52.6 48.4 72.6

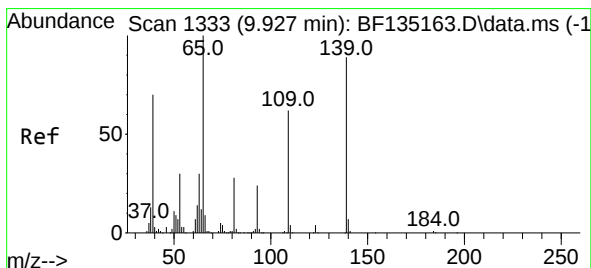
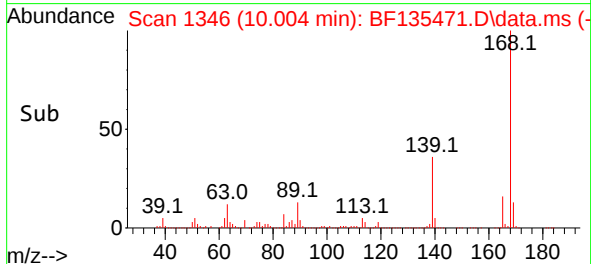
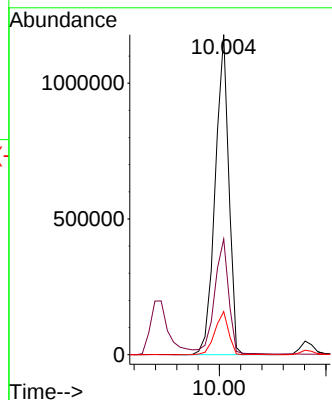
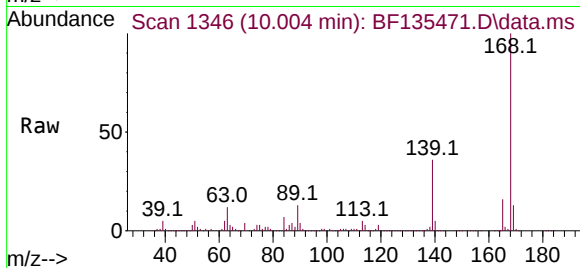




#55
Dibenzenofuran
Concen: 44.042 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

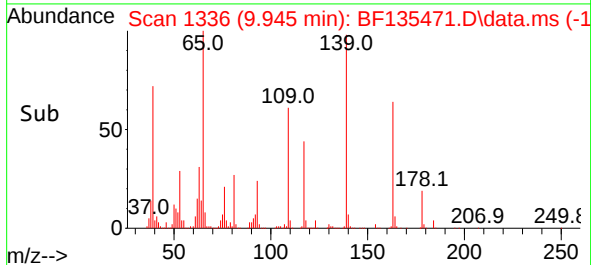
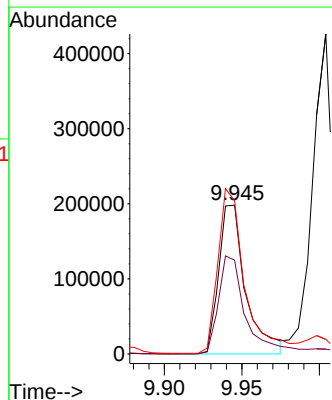
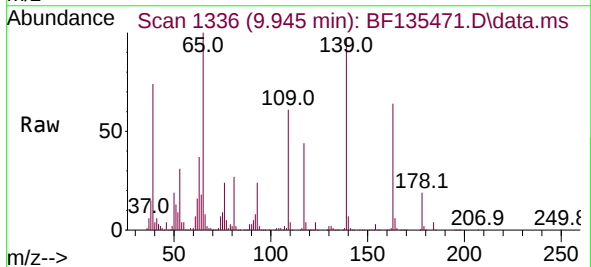
Instrument :
BNA_F
ClientSampleId :

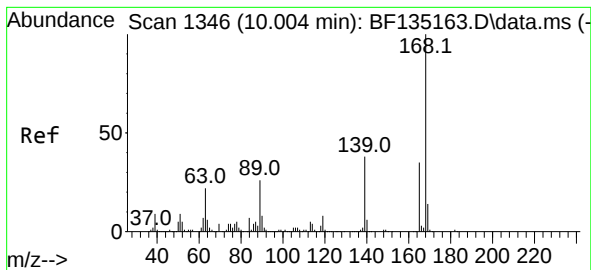
Tgt Ion:168 Resp: 1038993
Ion Ratio Lower Upper
168 100
139 36.2 29.0 43.6
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 76.897 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:139 Resp: 239958
Ion Ratio Lower Upper
139 100
109 63.0 49.8 89.8
65 103.0 92.7 132.7

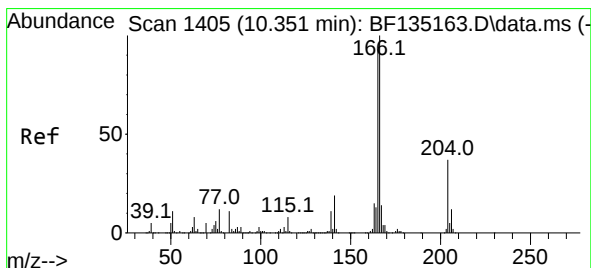
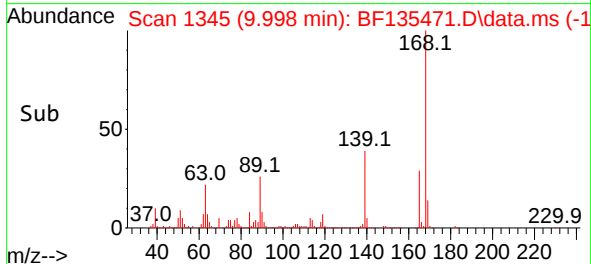
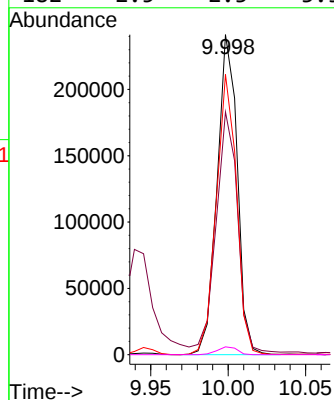
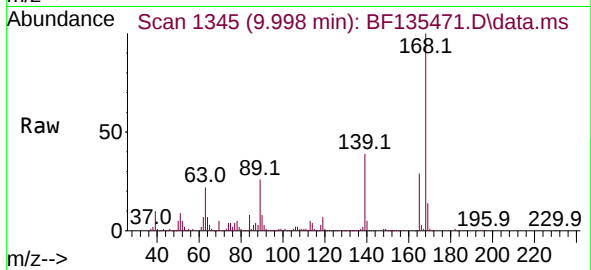




#57
2,4-Dinitrotoluene
Concen: 41.835 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

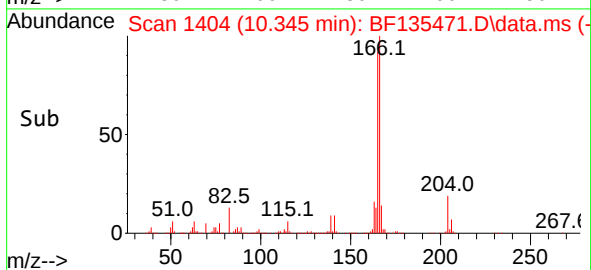
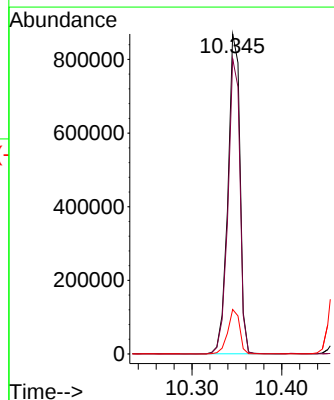
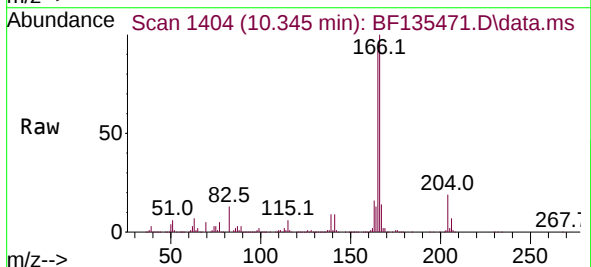
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 219068
Ion Ratio Lower Upper
165 100
63 75.9 50.1 75.1#
89 87.6 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 44.675 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

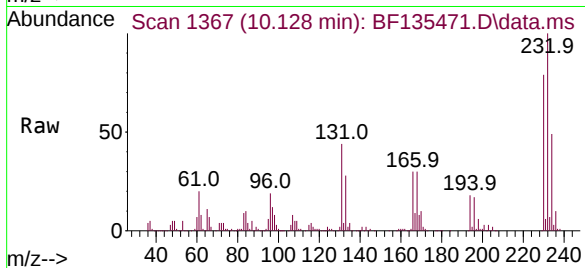
Tgt Ion:166 Resp: 810225
Ion Ratio Lower Upper
166 100
165 92.3 74.3 111.5
167 13.9 10.9 16.3



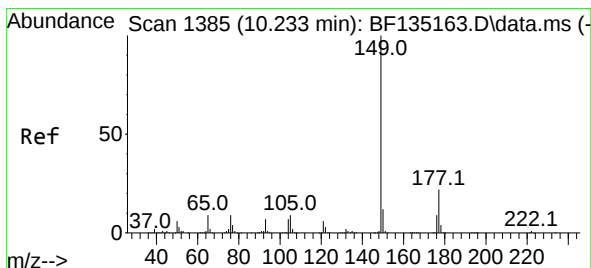
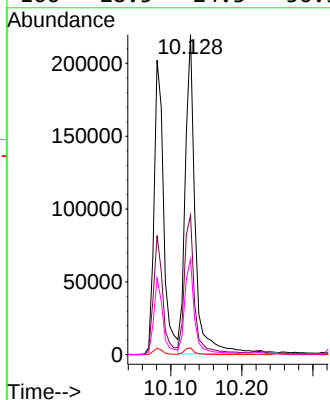
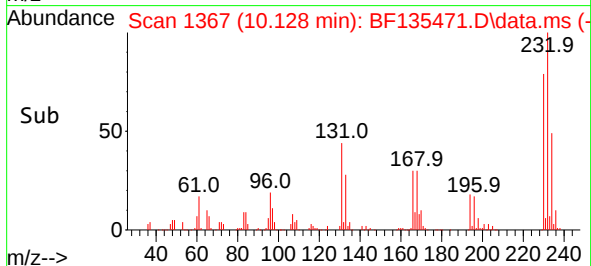


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.547 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

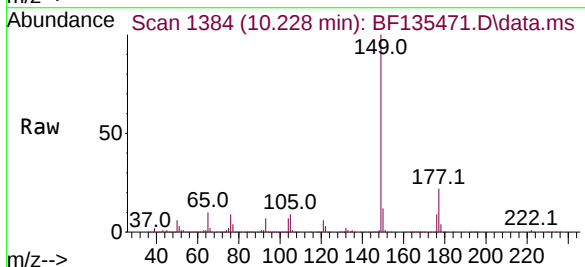
Instrument :
BNA_F
ClientSampleId :



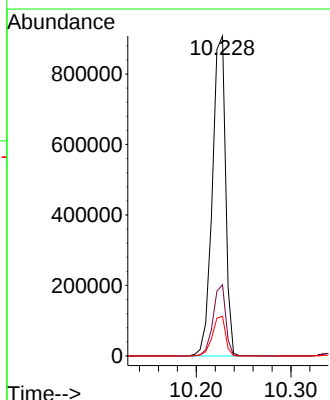
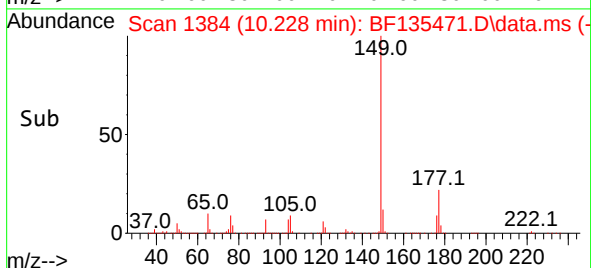
Tgt Ion:232 Resp: 211397
Ion Ratio Lower Upper
232 100
131 45.3 35.4 53.2
130 2.3 1.8 2.8
166 28.5 24.3 36.5

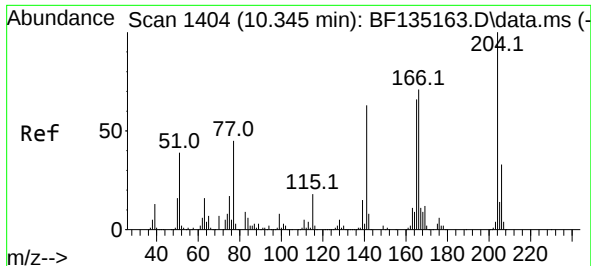


#60
Diethylphthalate
Concen: 45.828 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29



Tgt Ion:149 Resp: 878165
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.4 10.0 15.0

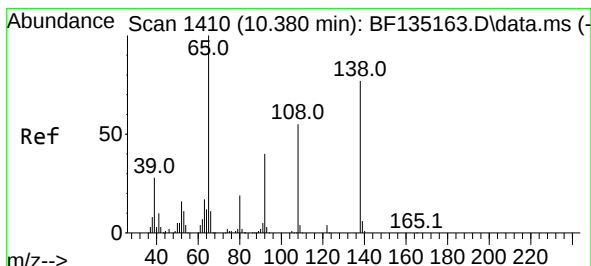
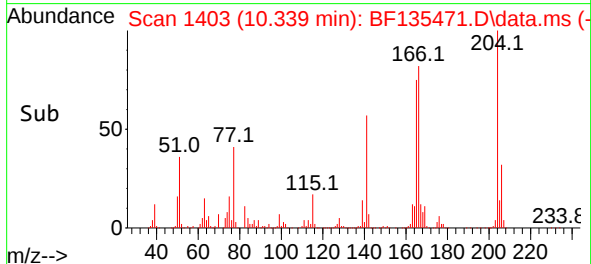
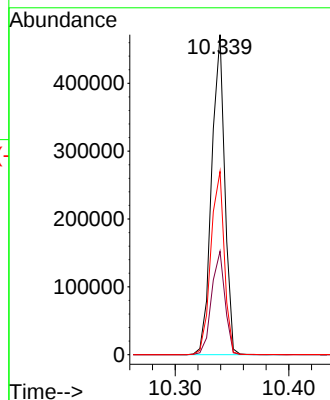
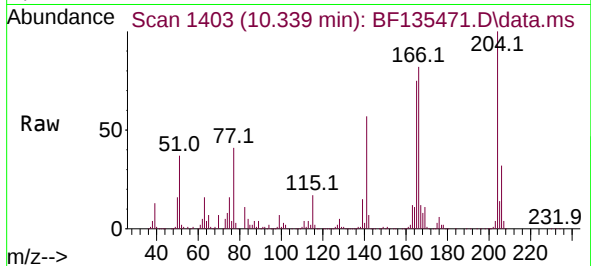




#61
4-Chlorophenyl-phenylether
Concen: 43.407 ng
RT: 10.339 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

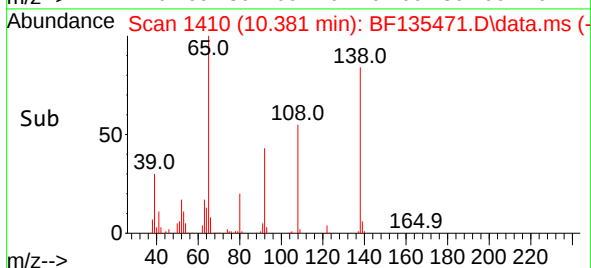
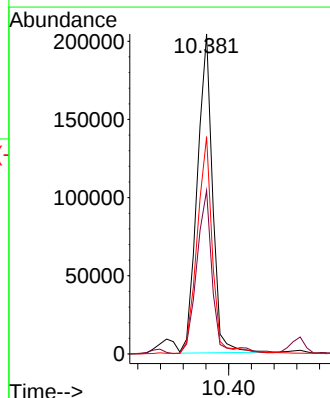
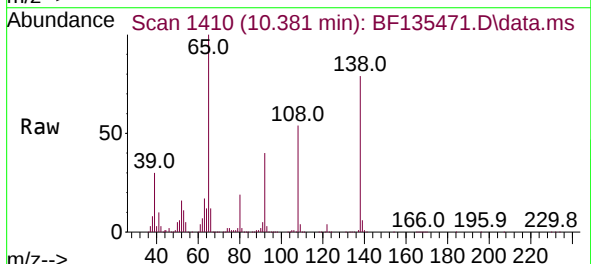
Instrument :
BNA_F
ClientSampleId :

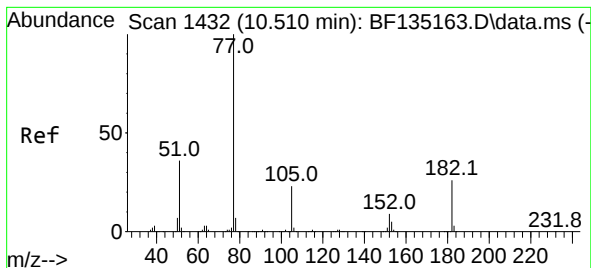
Tgt Ion:204 Resp: 378161
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 57.3 50.6 75.8



#62
4-Nitroaniline
Concen: 40.266 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:138 Resp: 190042
Ion Ratio Lower Upper
138 100
92 51.0 31.8 71.8
108 67.9 52.0 92.0





#63

Azobenzene

Concen: 48.449 ng

RT: 10.498 min Scan# 14

Delta R.T. 0.000 min

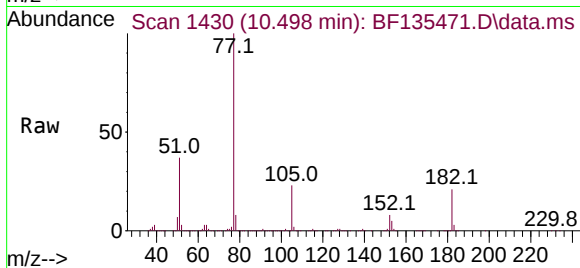
Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 908621

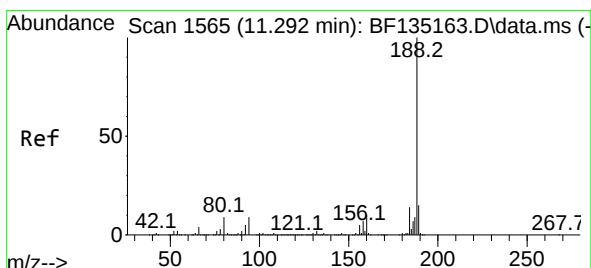
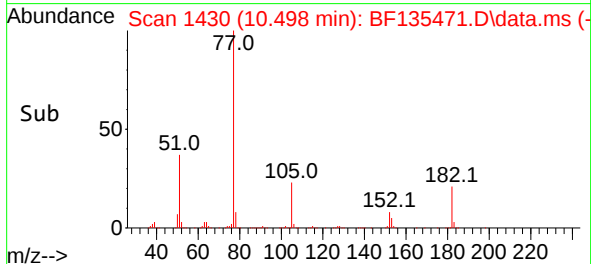
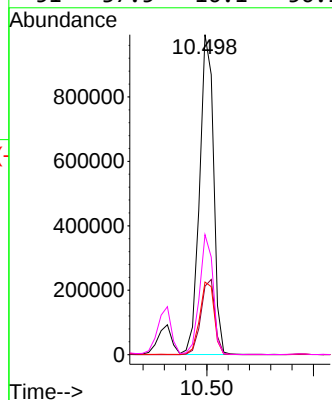
Ion Ratio Lower Upper

77 100

182 21.4 6.4 46.4

105 22.7 3.1 43.1

51 37.5 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: BF135471.D

Acq: 27 Sep 2023 14:29

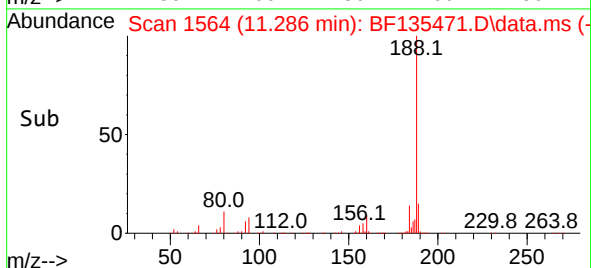
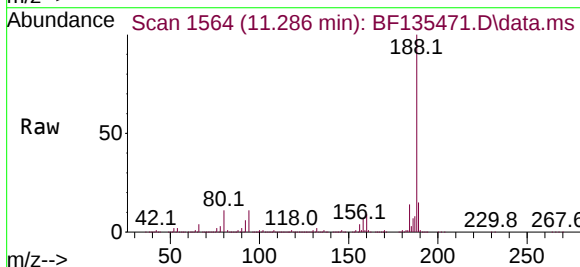
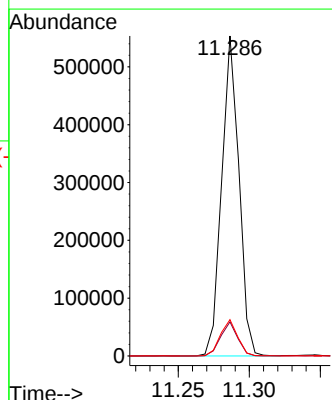
Tgt Ion: 188 Resp: 467374

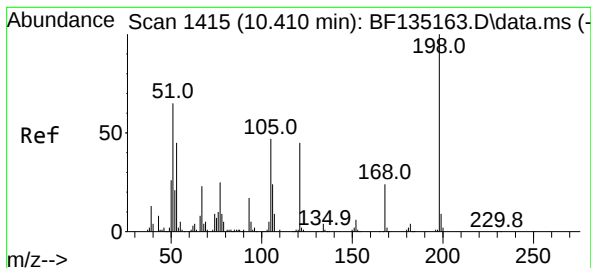
Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 11.3 7.5 11.3#

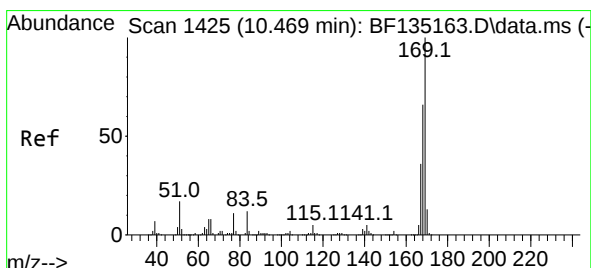
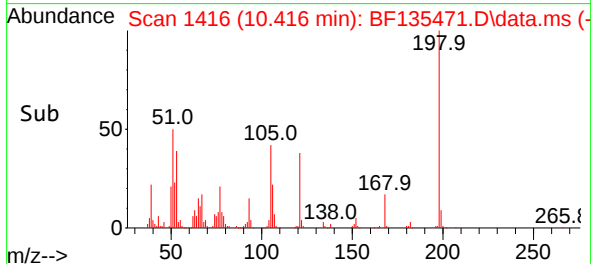
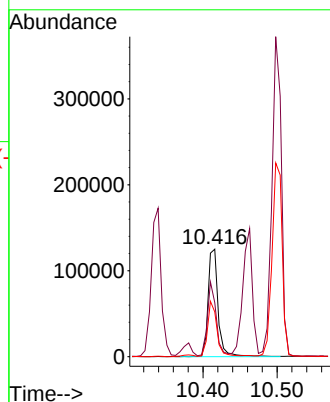
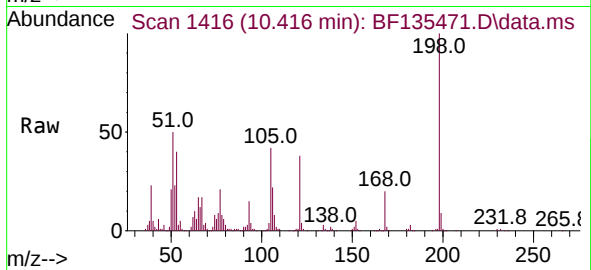




#65
4,6-Dinitro-2-methylphenol
Concen: 47.647 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

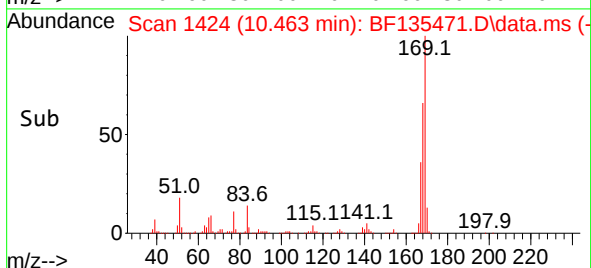
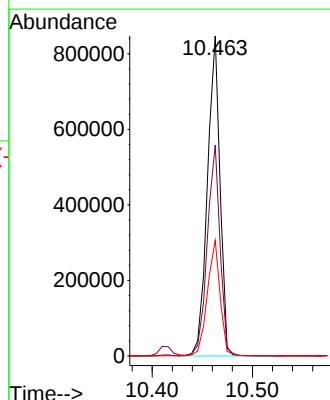
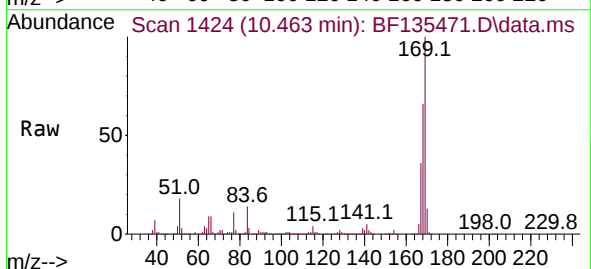
Instrument :
BNA_F
ClientSampleId :

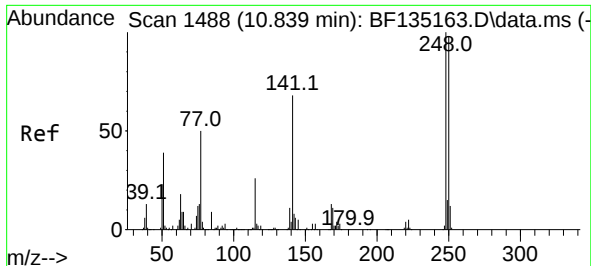
Tgt Ion:198 Resp: 118277
Ion Ratio Lower Upper
198 100
51 50.3 47.7 87.7
105 41.7 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 52.481 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

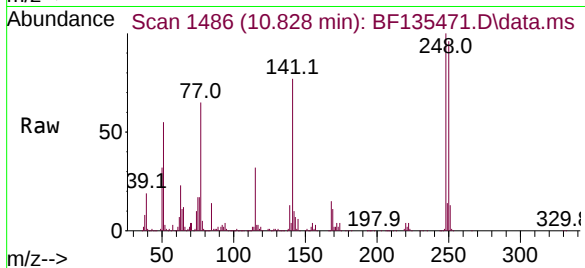
Tgt Ion:169 Resp: 742589
Ion Ratio Lower Upper
169 100
168 65.9 52.8 79.2
167 36.2 29.0 43.6



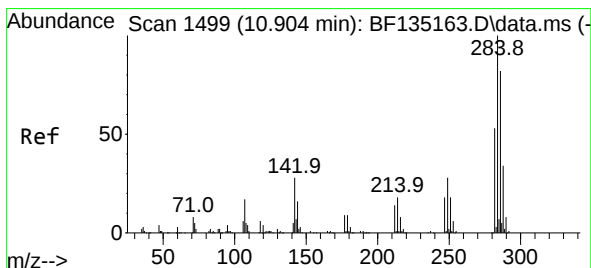
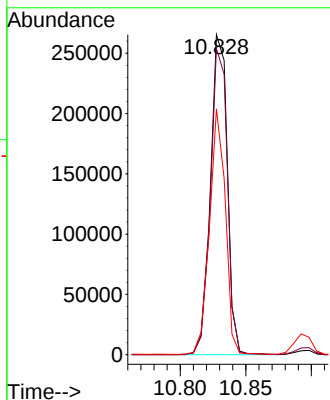
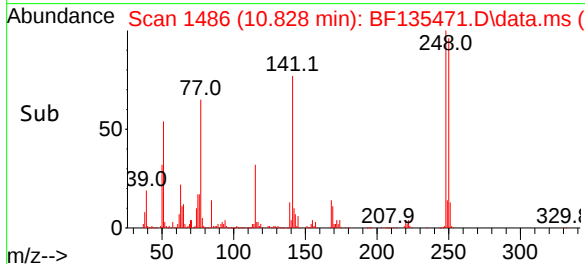


#67
4-Bromophenyl-phenylether
Concen: 51.390 ng
RT: 10.828 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Instrument :
BNA_F
ClientSampleId :

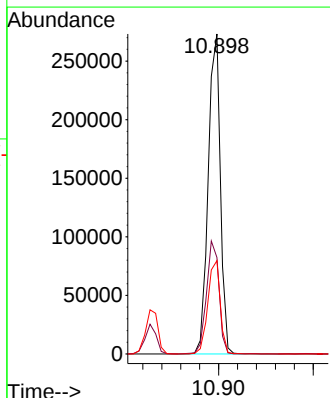
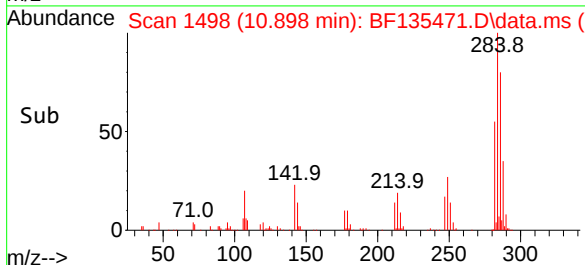
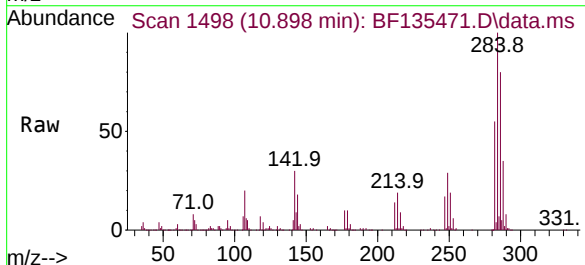


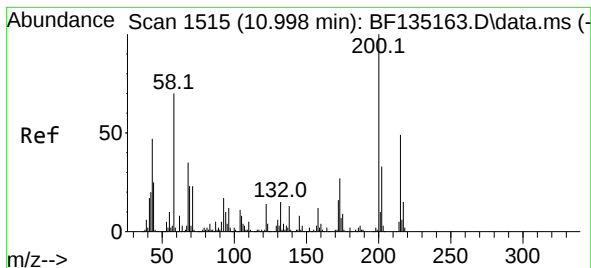
Tgt Ion:248 Resp: 238880
Ion Ratio Lower Upper
248 100
250 95.7 78.6 117.8
141 76.8 54.2 81.2



#68
Hexachlorobenzene
Concen: 51.318 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:284 Resp: 243021
Ion Ratio Lower Upper
284 100
142 30.2 22.2 33.4
249 29.1 22.5 33.7





#69

Atrazine

Concen: 54.866 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.000 min

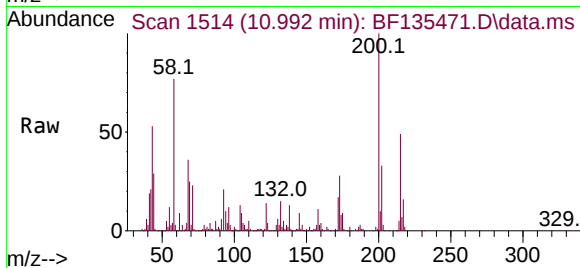
Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :



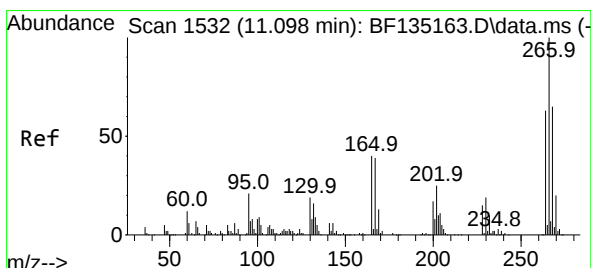
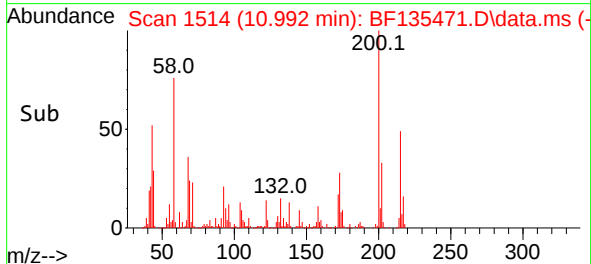
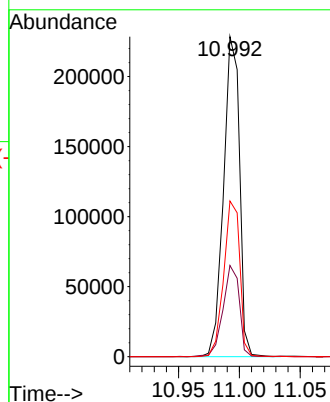
Tgt Ion:200 Resp: 208889

Ion Ratio Lower Upper

200 100

173 28.5 7.4 47.4

215 48.7 28.6 68.6



#70

Pentachlorophenol

Concen: 73.927 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

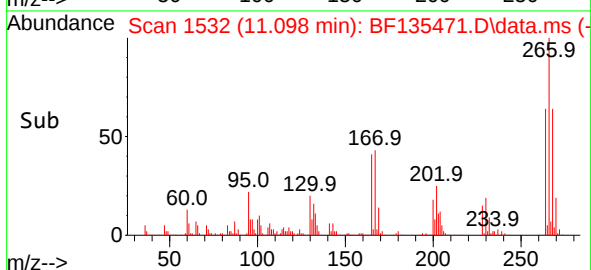
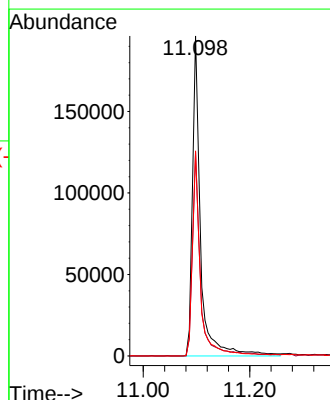
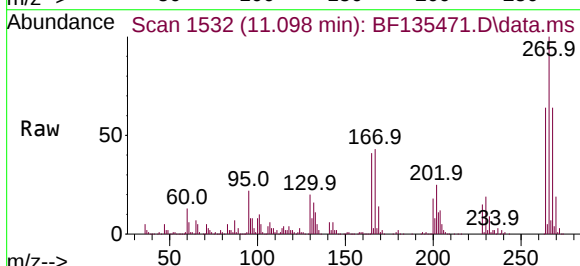
Tgt Ion:266 Resp: 209460

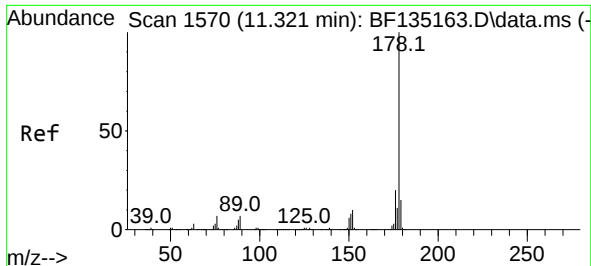
Ion Ratio Lower Upper

266 100

268 63.6 52.1 78.1

264 64.1 50.8 76.2

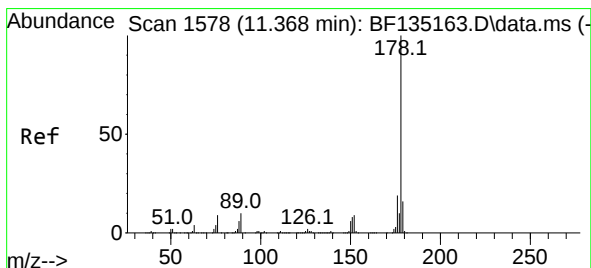
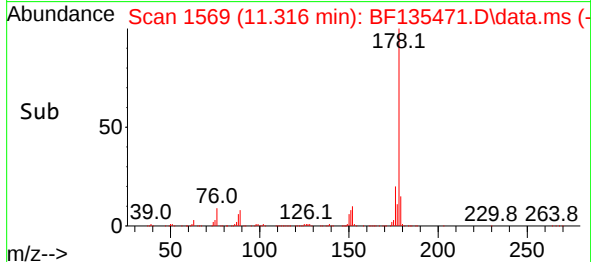
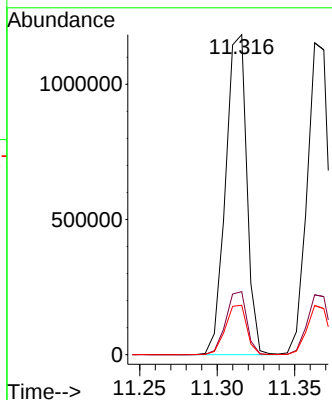
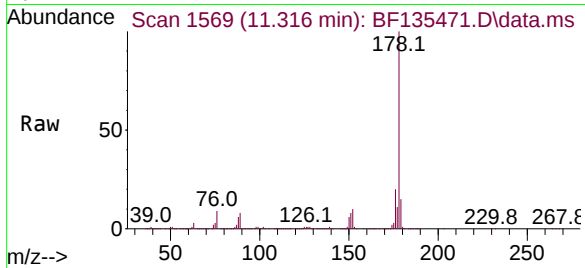




#71
Phenanthrene
Concen: 50.954 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

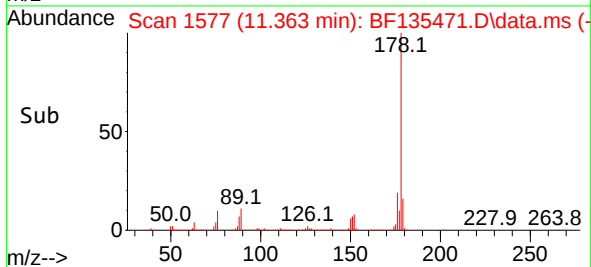
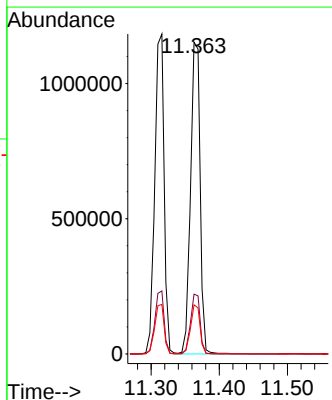
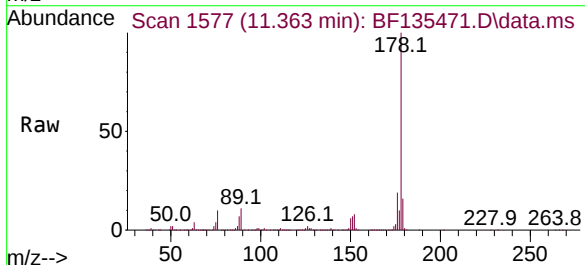
Instrument :
BNA_F
ClientSampleId :

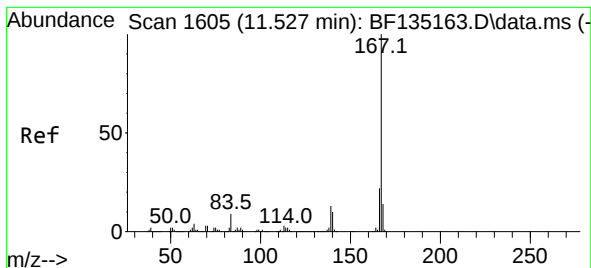
Tgt Ion:178 Resp: 1126334
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.4 12.0 18.0



#72
Anthracene
Concen: 49.191 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:178 Resp: 1117676
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.6 19.0





#73

Carbazole

Concen: 47.787 ng

RT: 11.528 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

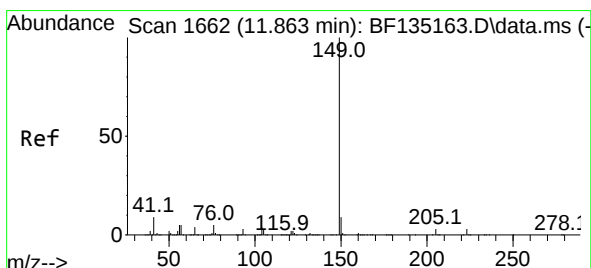
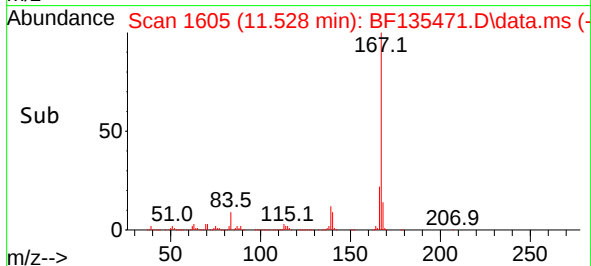
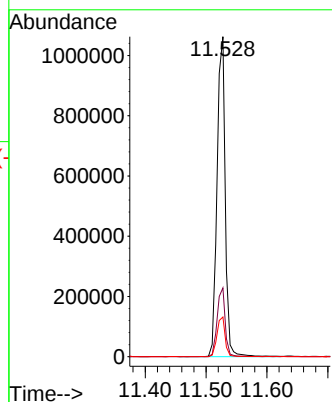
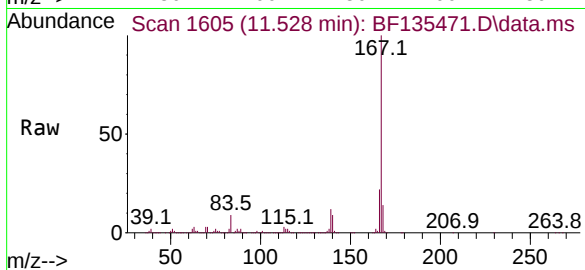
Tgt Ion:167 Resp: 988415

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 12.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 50.531 ng

RT: 11.857 min Scan# 1661

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

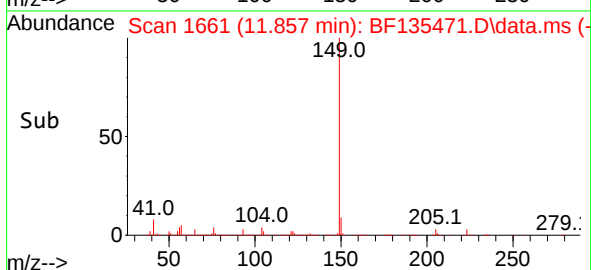
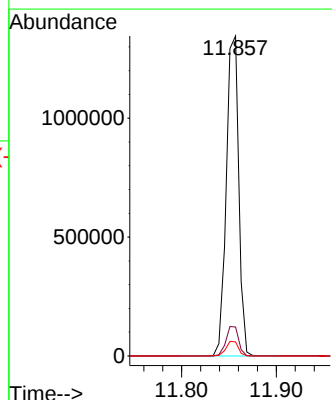
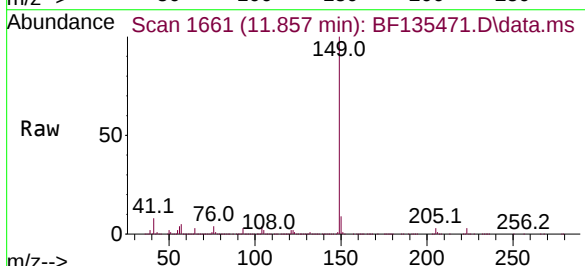
Tgt Ion:149 Resp: 1231571

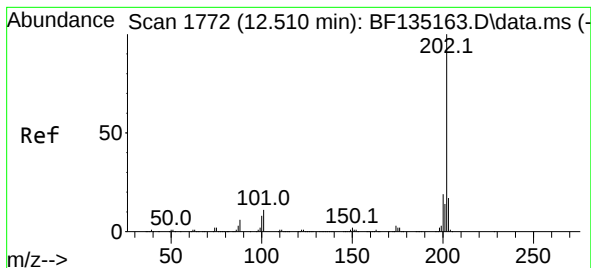
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 46.884 ng

RT: 12.510 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

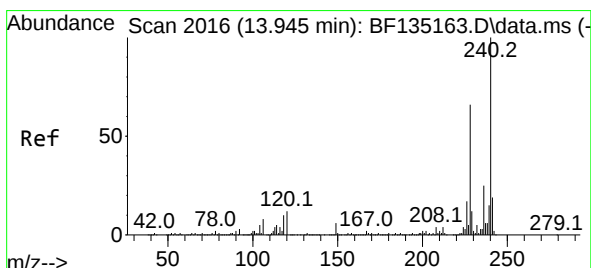
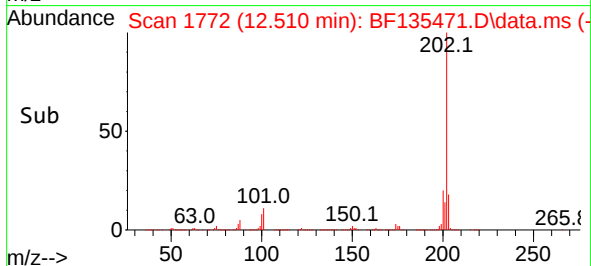
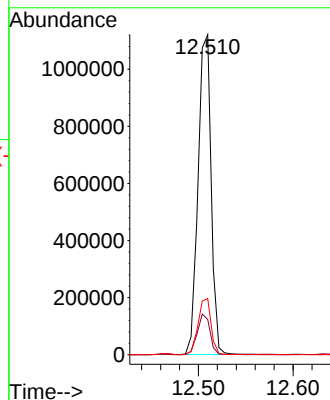
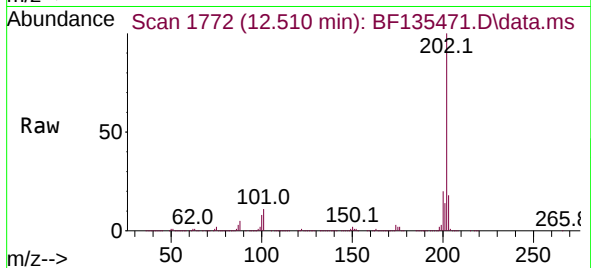
Tgt Ion:202 Resp: 1079889

Ion Ratio Lower Upper

202 100

101 11.0 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: BF135471.D

Acq: 27 Sep 2023 14:29

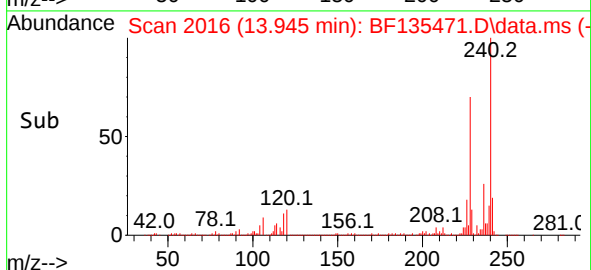
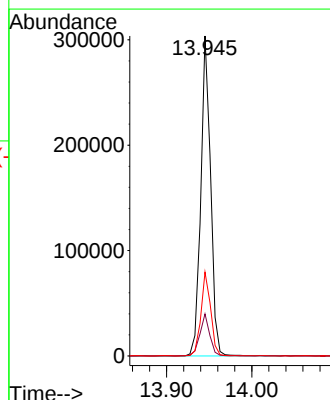
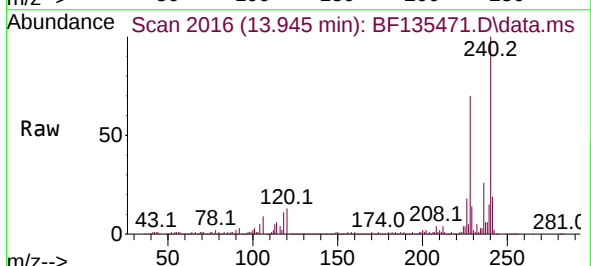
Tgt Ion:240 Resp: 242978

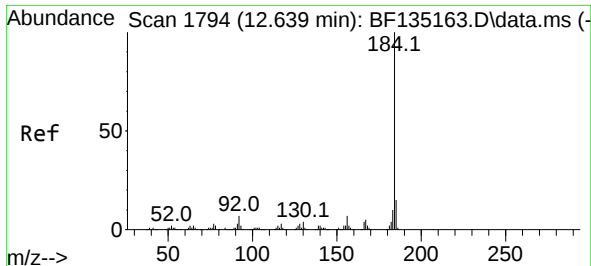
Ion Ratio Lower Upper

240 100

120 13.1 9.4 14.2

236 26.2 19.8 29.8

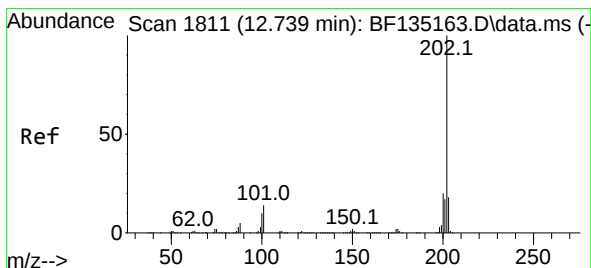
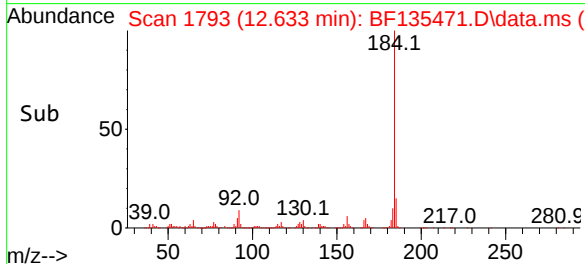
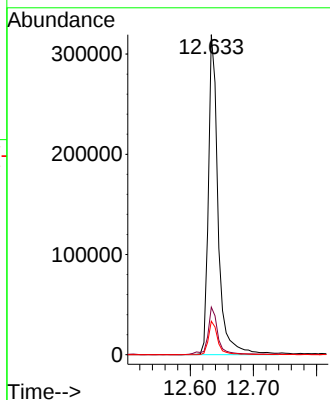
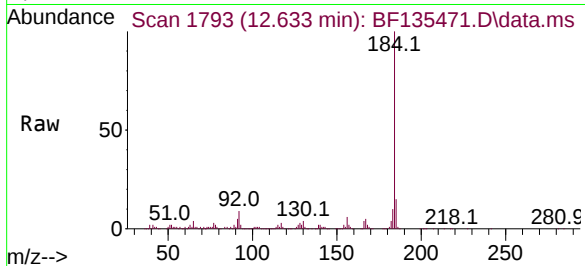




#77
Benzidine
Concen: 68.580 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

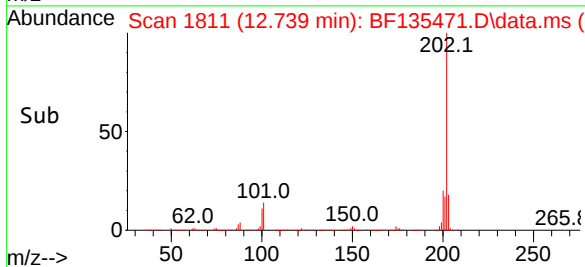
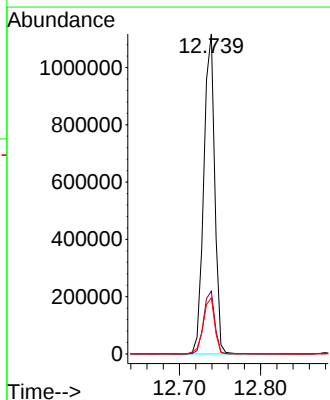
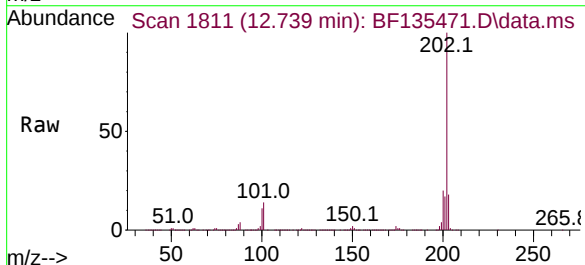
Instrument :
BNA_F
ClientSampleId :

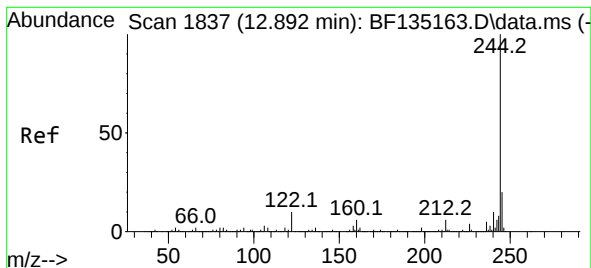
Tgt Ion:184 Resp: 341379
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 10.4 8.2 12.4



#78
Pyrene
Concen: 45.145 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:202 Resp: 1044355
Ion Ratio Lower Upper
202 100
200 19.6 16.2 24.2
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 70.910 ng

RT: 12.880 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

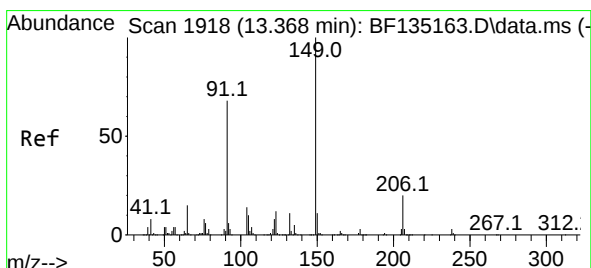
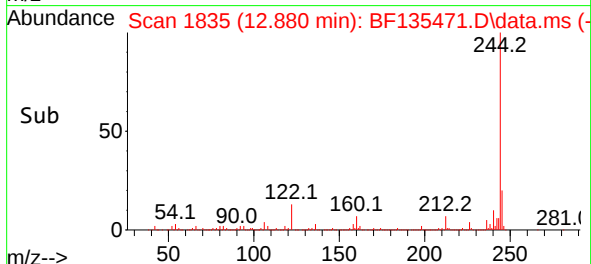
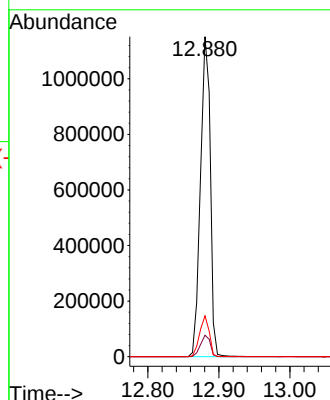
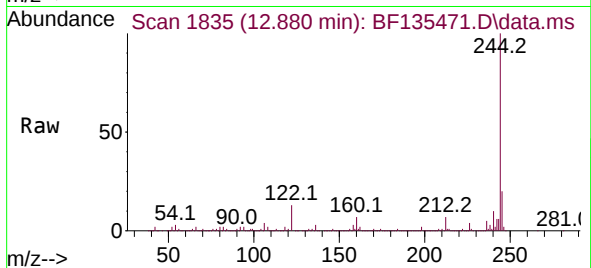
Tgt Ion:244 Resp: 1111440

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 12.8 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 49.909 ng

RT: 13.363 min Scan# 1917

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

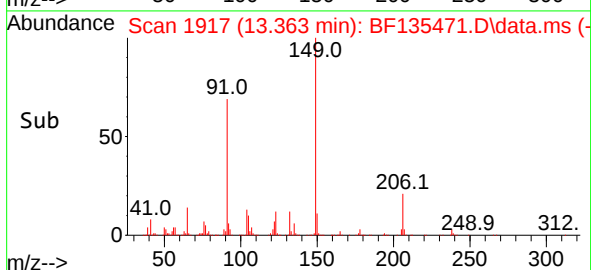
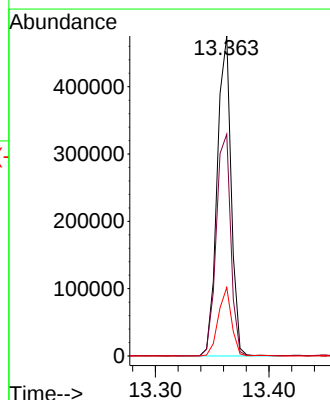
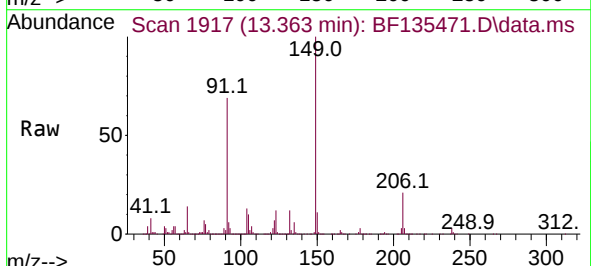
Tgt Ion:149 Resp: 406505

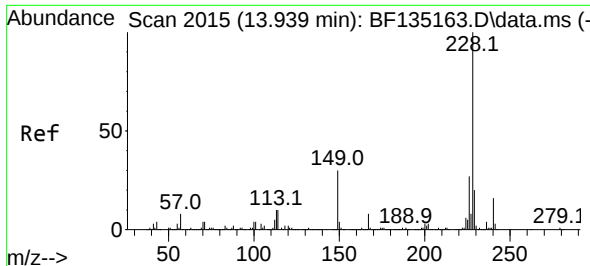
Ion Ratio Lower Upper

149 100

91 69.3 54.7 82.1

206 21.4 16.3 24.5

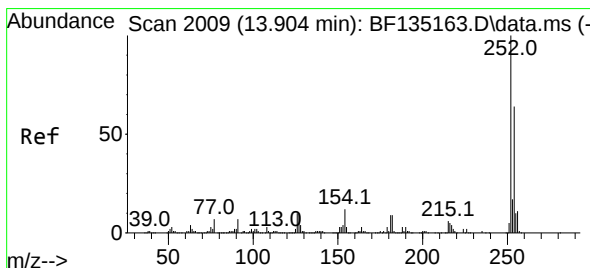
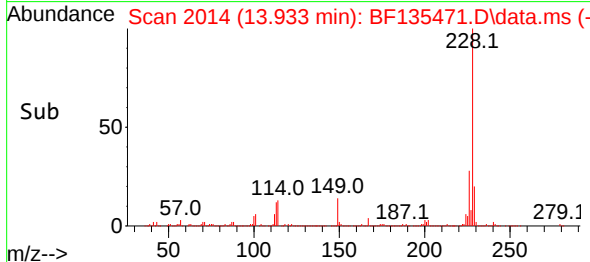
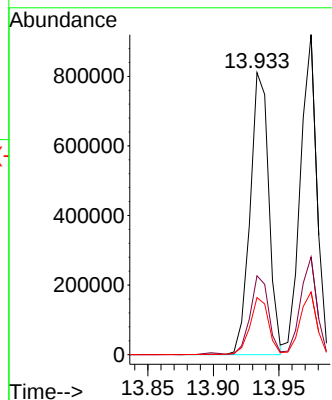
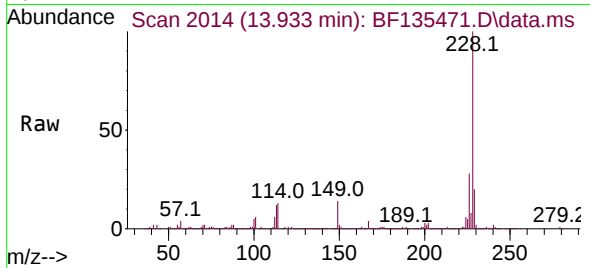




#81
Benzo(a)anthracene
Concen: 51.151 ng
RT: 13.933 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

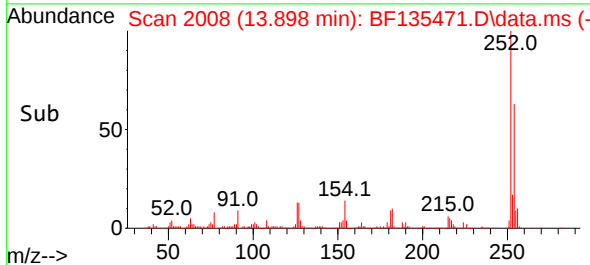
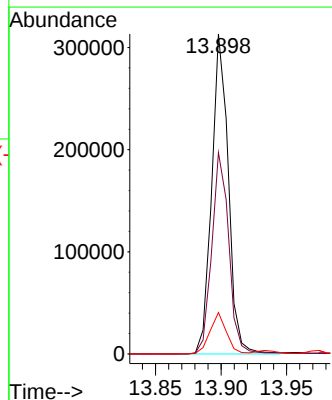
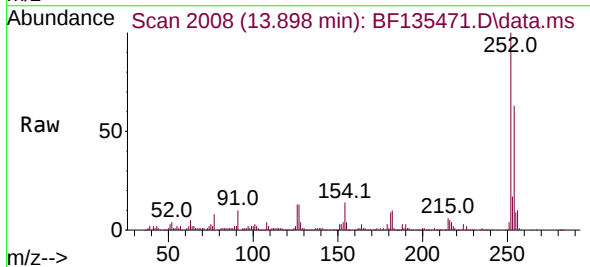
Instrument :
BNA_F
ClientSampleId :

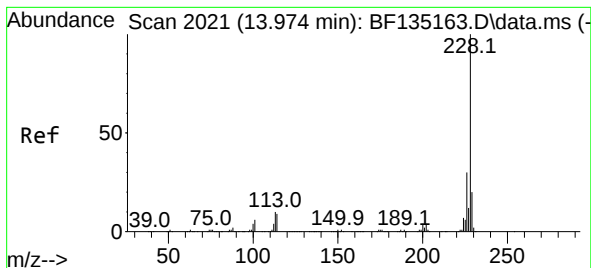
Tgt Ion:228 Resp: 802538
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 56.369 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF135471.D
Acq: 27 Sep 2023 14:29

Tgt Ion:252 Resp: 276250
Ion Ratio Lower Upper
252 100
254 62.9 51.0 76.4
126 12.9 7.8 11.8#





#83

Chrysene

Concen: 51.041 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

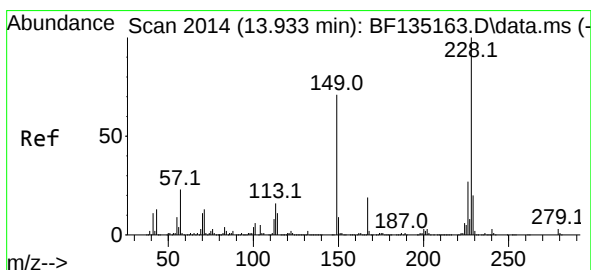
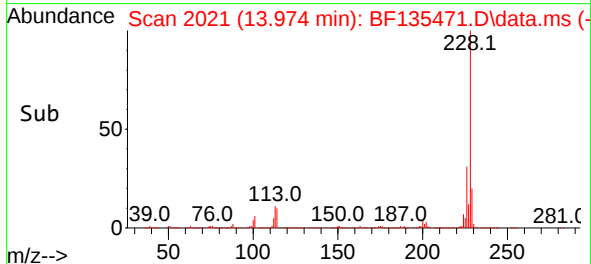
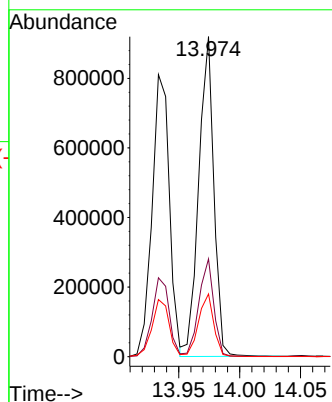
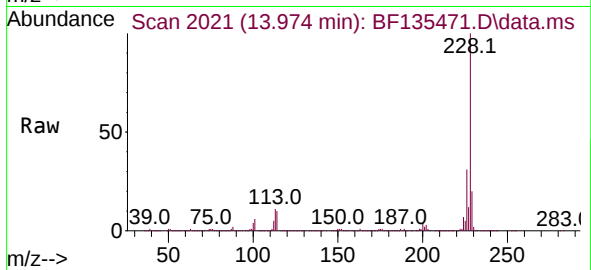
Tgt Ion:228 Resp: 796204

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.475 ng

RT: 13.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

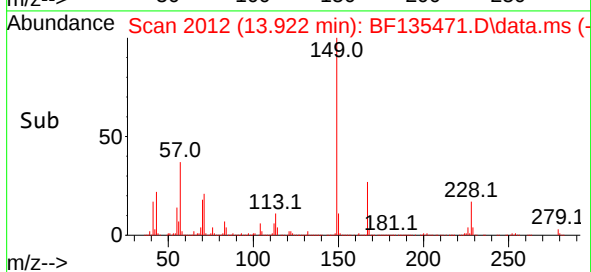
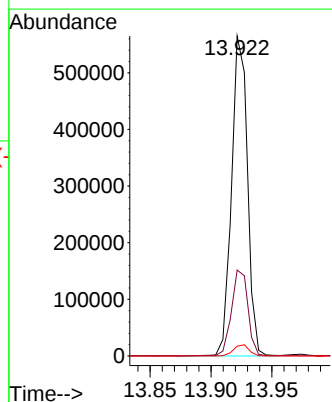
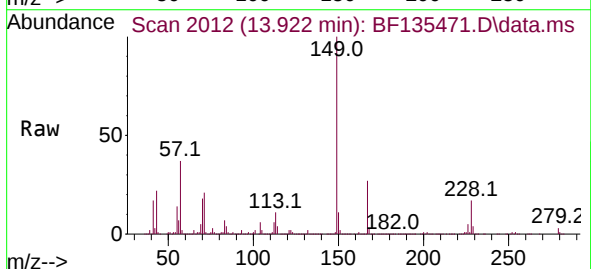
Tgt Ion:149 Resp: 513812

Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

279 3.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 75.413 ng

RT: 14.545 min Scan# 2118

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

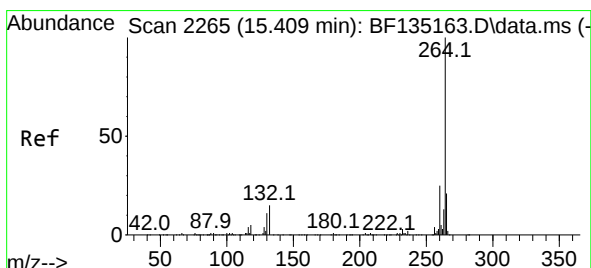
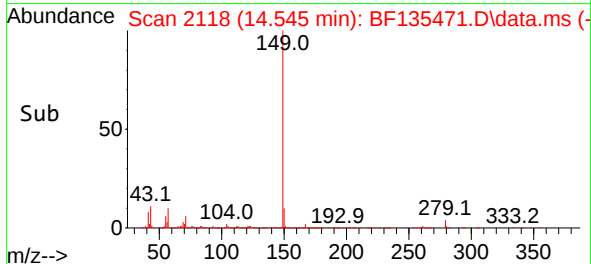
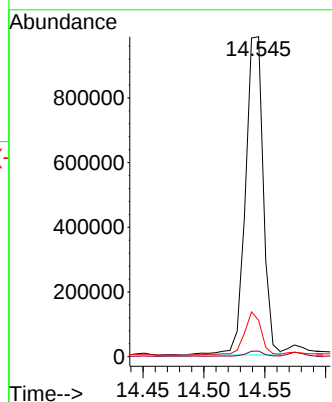
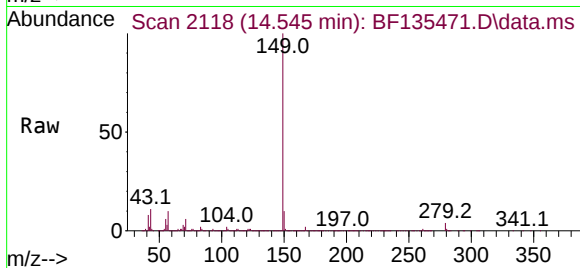
Tgt Ion:149 Resp: 1001680

Ion Ratio Lower Upper

149 100

167 1.8 1.1 1.7#

43 13.3 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: BF135471.D

Acq: 27 Sep 2023 14:29

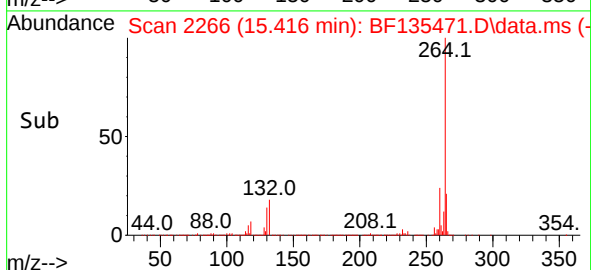
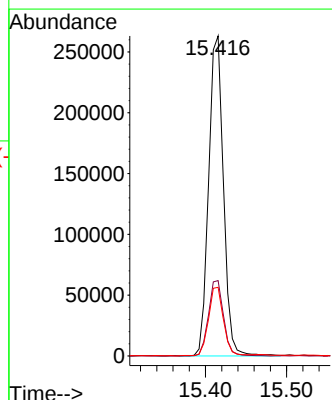
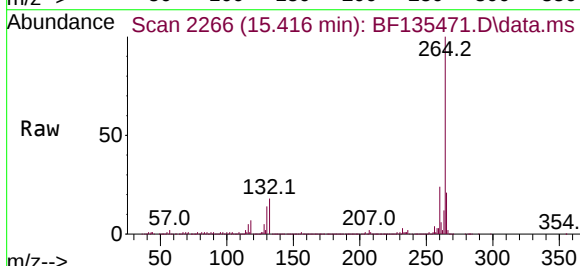
Tgt Ion:264 Resp: 332634

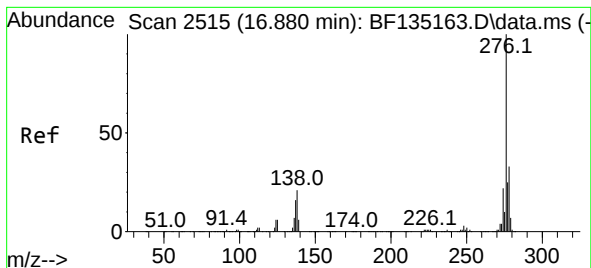
Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.591 ng

RT: 16.904 min Scan# 2194

Delta R.T. 0.018 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

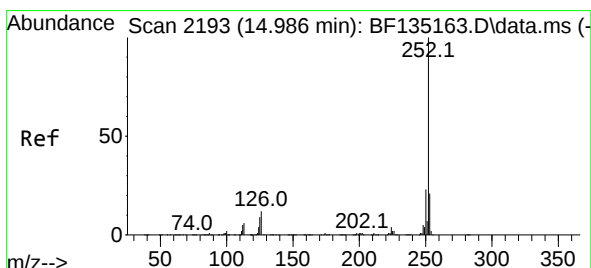
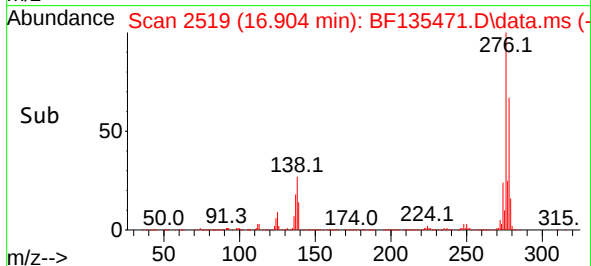
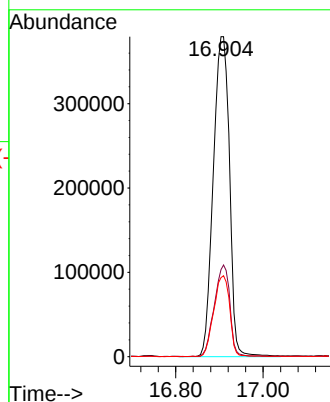
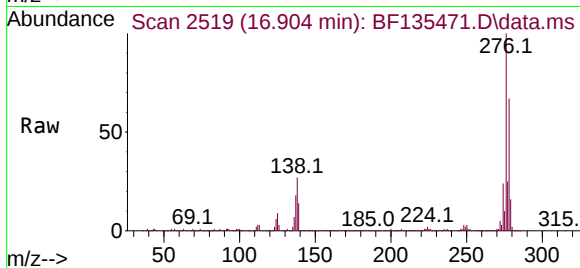
Tgt Ion:276 Resp: 972523

Ion Ratio Lower Upper

276 100

138 27.8 19.2 28.8

277 24.8 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 51.893 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.012 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

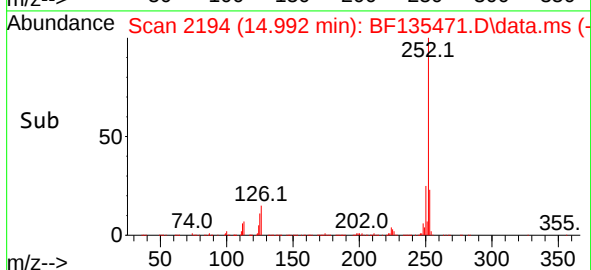
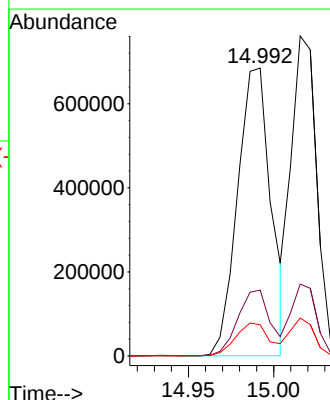
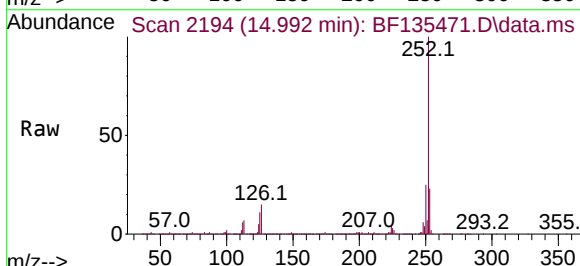
Tgt Ion:252 Resp: 934424

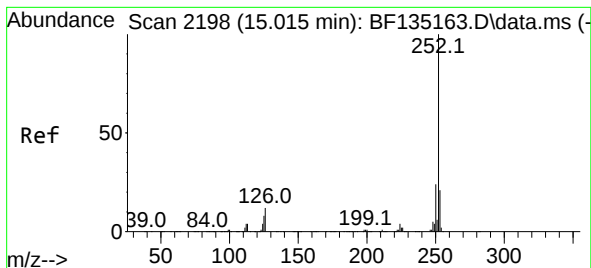
Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 10.8 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 44.743 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

Instrument :

BNA_F

ClientSampleId :

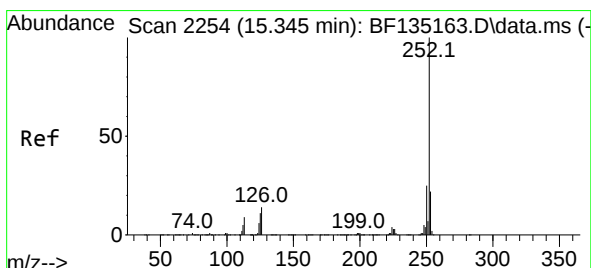
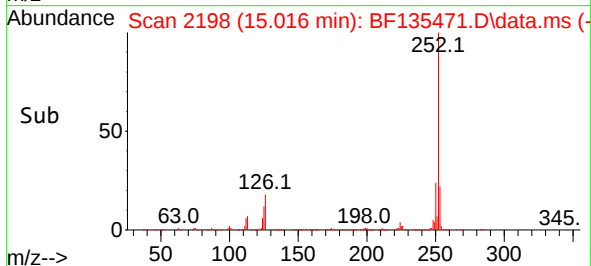
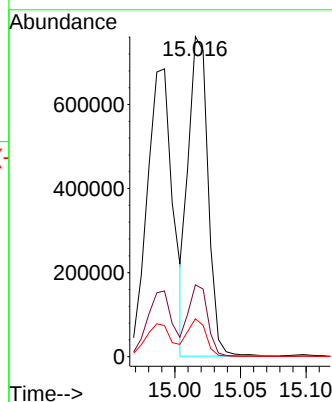
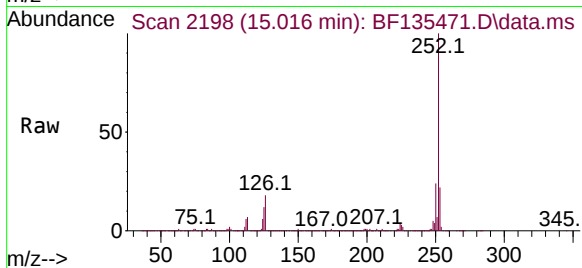
Tgt Ion:252 Resp: 795862

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 11.8 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 47.821 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135471.D

Acq: 27 Sep 2023 14:29

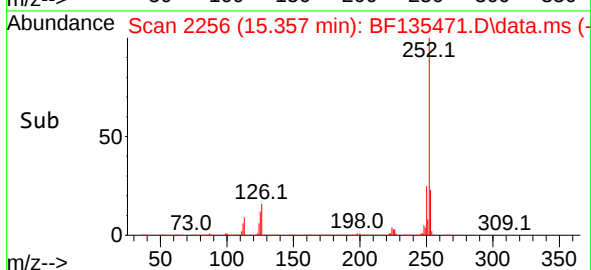
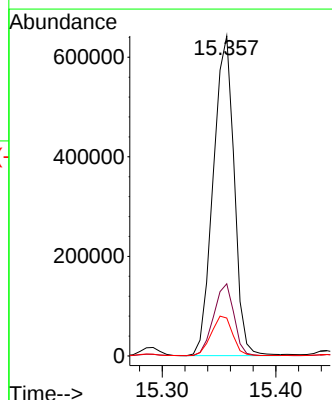
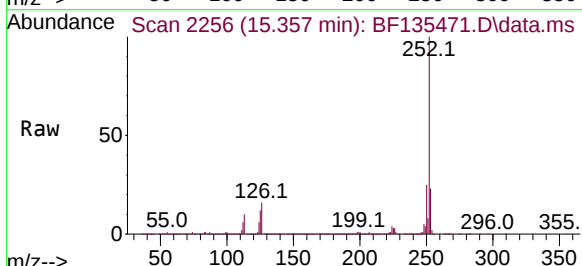
Tgt Ion:252 Resp: 821177

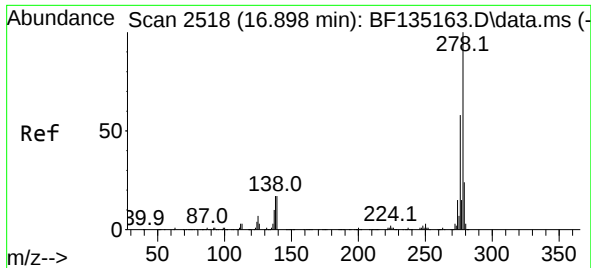
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 11.8 9.2 13.8

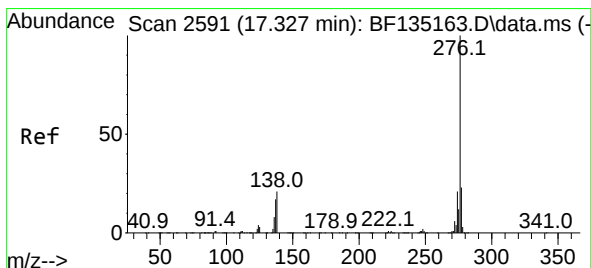
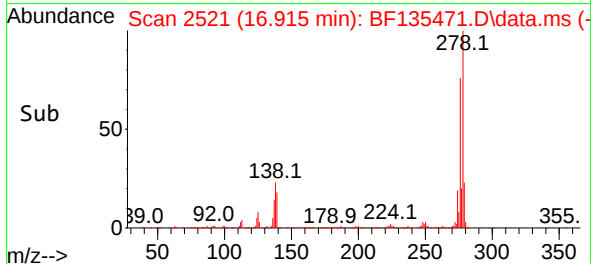
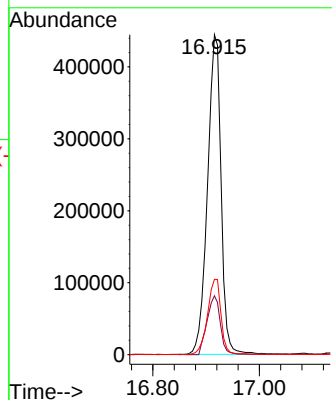
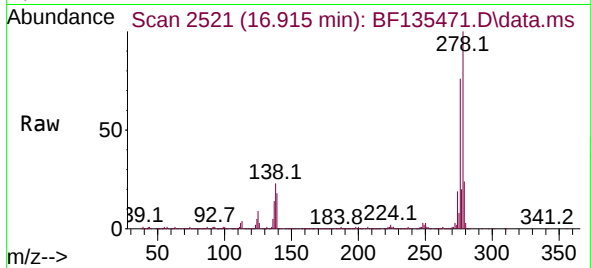




#91
 Dibenzo(a,h)anthracene
 Concen: 44.082 ng
 RT: 16.915 min Scan# 2518
 Delta R.T. 0.018 min
 Lab File: BF135471.D
 Acq: 27 Sep 2023 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 786645
 Ion Ratio Lower Upper
 278 100
 139 18.4 13.4 20.0
 279 23.5 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 40.722 ng
 RT: 17.351 min Scan# 2595
 Delta R.T. 0.018 min
 Lab File: BF135471.D
 Acq: 27 Sep 2023 14:29

Tgt Ion:276 Resp: 758933
 Ion Ratio Lower Upper
 276 100
 277 24.5 18.8 28.2
 138 25.3 16.9 25.3

