

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135423.D
 Acq On : 25 Sep 2023 13:11
 Operator : CG\JU
 Sample : PB155762BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:39:56 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	6.751	152	186040	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	704566	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	343508	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	630317	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	349730	20.000	ng	0.00
86) Perylene-d12	15.403	264	292246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1385927	121.164	ng	0.02
7) Phenol-d6	6.410	99	1756194	120.745	ng	0.00
23) Nitrobenzene-d5	7.322	82	1153713	88.963	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	362303	106.134	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1824291	80.125	ng	0.00
79) Terphenyl-d14	12.880	244	1768469	78.388	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	215447	42.966	ng	94
3) Pyridine	3.316	79	565348	41.891	ng	93
4) n-Nitrosodimethylamine	3.269	42	350672	48.966	ng	93
6) Aniline	6.422	93	522252	27.382	ng	# 12
8) 2-Chlorophenol	6.545	128	573371	46.957	ng	96
9) Benzaldehyde	6.310	77	212221	25.613	ng	98
10) Phenol	6.422	94	642928	40.312	ng	87
11) bis(2-Chloroethyl)ether	6.498	93	559186	46.742	ng	99
12) 1,3-Dichlorobenzene	6.692	146	559109	45.055	ng	98
13) 1,4-Dichlorobenzene	6.769	146	563228	44.611	ng	99
14) 1,2-Dichlorobenzene	6.922	146	532451	45.413	ng	98
15) Benzyl Alcohol	6.904	79	470238	45.055	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.033	45	1012558	44.903	ng	91
17) 2-Methylphenol	7.022	107	452867	42.028	ng	95
18) Hexachloroethane	7.257	117	216868	46.488	ng	91
19) n-Nitroso-di-n-propyla...	7.175	70	355247	39.433	ng	96
20) 3+4-Methylphenols	7.175	107	513946	39.666	ng	# 85
22) Acetophenone	7.169	105	712630	44.240	ng	99
24) Nitrobenzene	7.339	77	589775	46.012	ng	99
25) Isophorone	7.580	82	1100024	46.193	ng	97
26) 2-Nitrophenol	7.657	139	304657	49.522	ng	93
27) 2,4-Dimethylphenol	7.698	122	495771	47.944	ng	96
28) bis(2-Chloroethoxy)met...	7.786	93	677046	47.502	ng	99
29) 2,4-Dichlorophenol	7.898	162	439955	45.916	ng	99
30) 1,2,4-Trichlorobenzene	7.974	180	460714	46.002	ng	98
31) Naphthalene	8.057	128	1537945	44.926	ng	100
32) Benzoic acid	7.845	122	367678	47.219	ng	99
33) 4-Chloroaniline	8.110	127	350223	23.318	ng	99
34) Hexachlorobutadiene	8.169	225	256507	42.475	ng	99
35) Caprolactam	8.492	113	88513	27.524	ng	87
36) 4-Chloro-3-methylphenol	8.610	107	481097	45.176	ng	94
37) 2-Methylnaphthalene	8.751	142	956325	41.559	ng	99
38) 1-Methylnaphthalene	8.845	142	899920	41.771	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	443771	44.592	ng	99
41) Hexachlorocyclopentadiene	8.898	237	283984	66.169	ng	99
43) 2,4,6-Trichlorophenol	9.033	196	292834	44.942	ng	98

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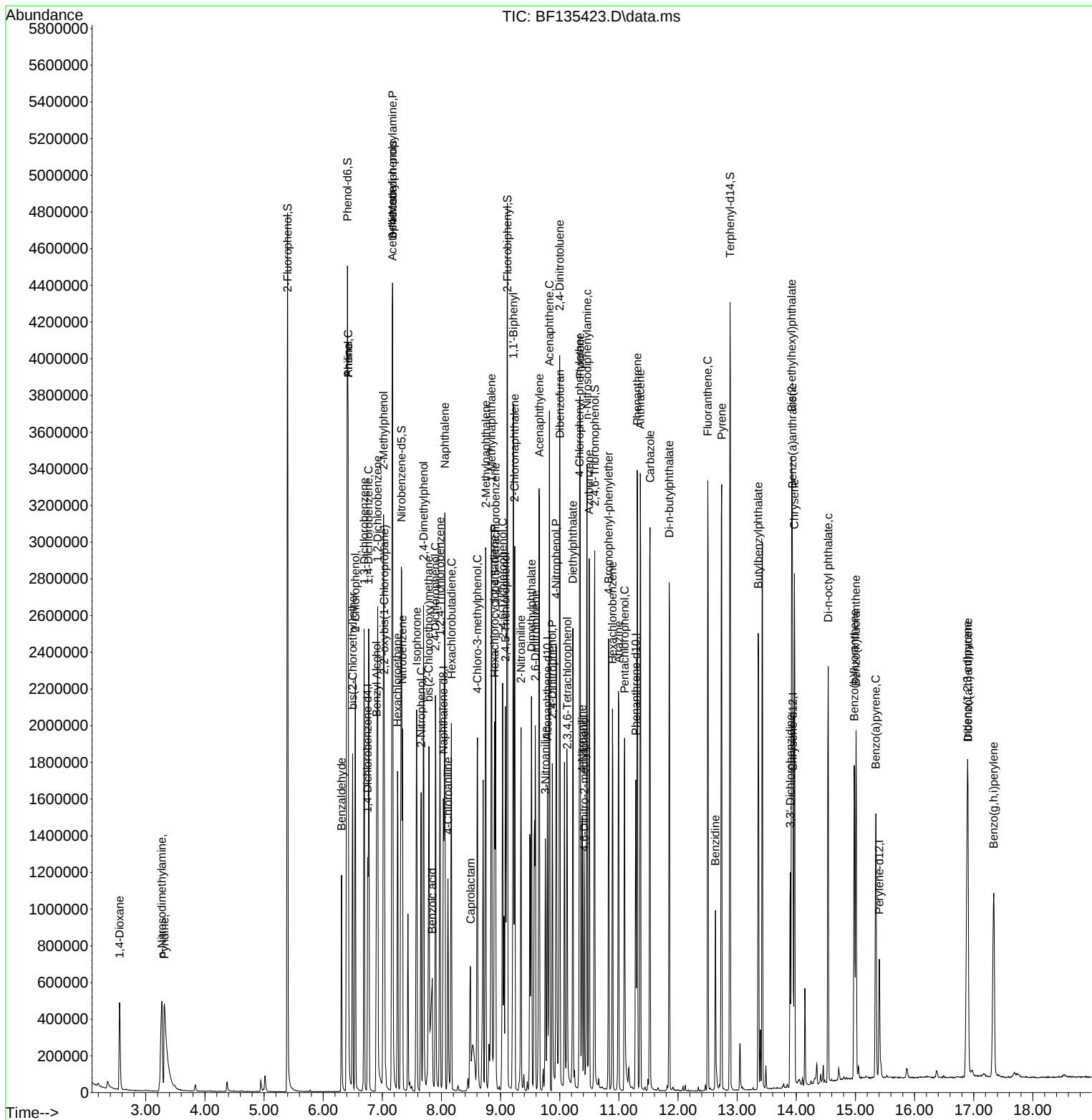
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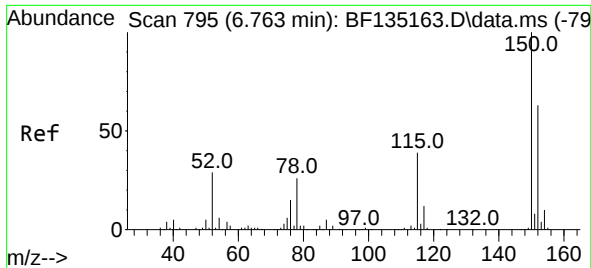
Quant Time: Sep 26 01:39:56 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	314772	41.949	ng	98
46) 1,1'-Biphenyl	9.216	154	1163026	44.057	ng	99
47) 2-Chloronaphthalene	9.239	162	882472	46.074	ng	99
48) 2-Nitroaniline	9.345	65	344812	46.339	ng	99
49) Acenaphthylene	9.657	152	1365073	42.884	ng	99
50) Dimethylphthalate	9.521	163	1018119	43.838	ng	100
51) 2,6-Dinitrotoluene	9.586	165	227767	44.768	ng	97
52) Acenaphthene	9.827	154	831268	44.206	ng	97
53) 3-Nitroaniline	9.757	138	198914	33.307	ng	97
54) 2,4-Dinitrophenol	9.874	184	231654	80.189	ng	92
55) Dibenzofuran	10.004	168	1157851	40.350	ng	99
56) 4-Nitrophenol	9.939	139	321540	84.714	ng	98
57) 2,4-Dinitrotoluene	9.998	165	259492	40.740	ng	# 84
58) Fluorene	10.345	166	921560	41.776	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.127	232	255077	44.191	ng	98
60) Diethylphthalate	10.221	149	970547	41.640	ng	99
61) 4-Chlorophenyl-phenyle...	10.333	204	419828	39.619	ng	98
62) 4-Nitroaniline	10.380	138	276133	48.101	ng	95
63) Azobenzene	10.498	77	1017035	44.584	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	165610	49.468	ng	82
66) n-Nitrosodiphenylamine	10.463	169	849291	44.506	ng	99
67) 4-Bromophenyl-phenylether	10.827	248	268910	42.895	ng	94
68) Hexachlorobenzene	10.892	284	290233	45.444	ng	# 85
69) Atrazine	10.998	200	267273	52.053	ng	98
70) Pentachlorophenol	11.098	266	272988	71.442	ng	99
71) Phenanthrene	11.310	178	1340363	44.962	ng	98
72) Anthracene	11.363	178	1377121	44.941	ng	100
73) Carbazole	11.527	167	1358289	48.693	ng	99
74) Di-n-butylphthalate	11.851	149	1488538	45.286	ng	99
75) Fluoranthene	12.504	202	1454557	46.826	ng	97
77) Benzidine	12.633	184	393168	54.874	ng	98
78) Pyrene	12.739	202	1493864	44.865	ng	100
80) Butylbenzylphthalate	13.356	149	597271	50.947	ng	94
81) Benzo(a)anthracene	13.933	228	1040375	46.069	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	254077	36.019	ng	# 98
83) Chrysene	13.968	228	1045371	46.559	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	676328	56.219	ng	100
85) Di-n-octyl phthalate	14.539	149	1031160	53.936	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	968914	50.565	ng	96
88) Benzo(b)fluoranthene	14.980	252	870140	55.001	ng	# 97
89) Benzo(k)fluoranthene	15.009	252	746187	47.748	ng	# 98
90) Benzo(a)pyrene	15.345	252	724339	48.011	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	775684	49.475	ng	98
92) Benzo(g,h,i)perylene	17.339	276	850247	51.927	ng	97

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

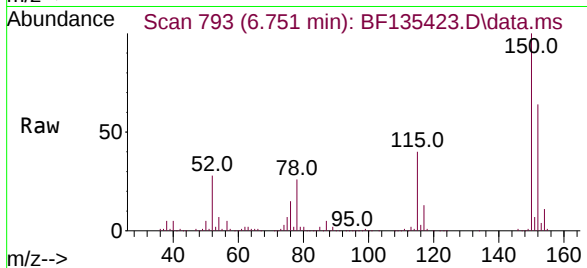
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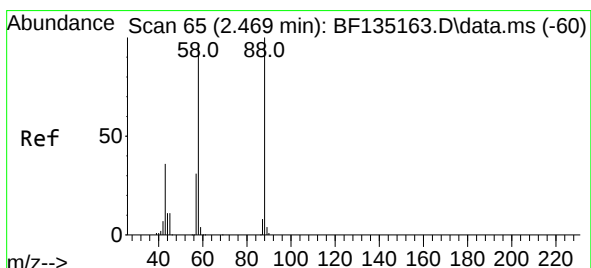
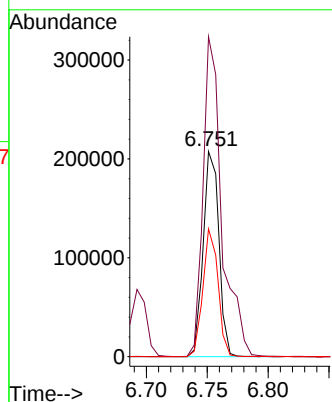
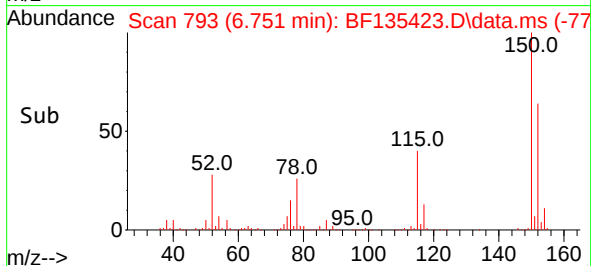


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135423.D
 Acq: 25 Sep 2023 13:11

Instrument :
 BNA_F
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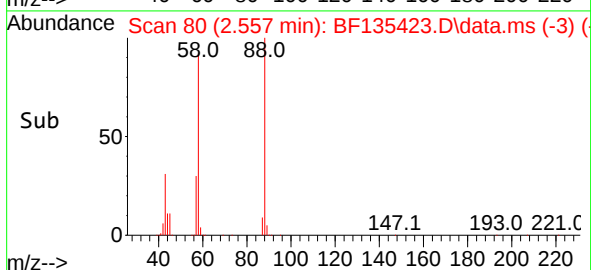
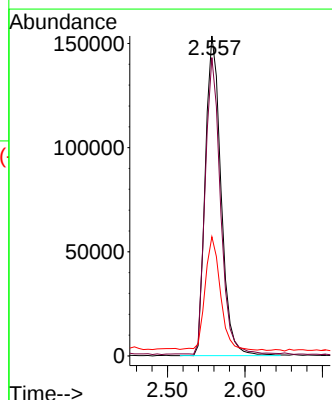
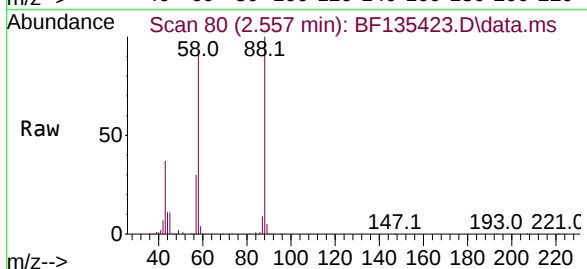


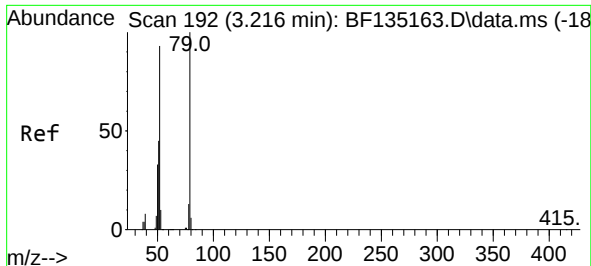
Tgt Ion:152 Resp: 186040
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.8 191.6
 115 62.3 49.8 74.8



#2
 1,4-Dioxane
 Concen: 42.966 ng
 RT: 2.557 min Scan# 80
 Delta R.T. 0.106 min
 Lab File: BF135423.D
 Acq: 25 Sep 2023 13:11

Tgt Ion: 88 Resp: 215447
 Ion Ratio Lower Upper
 88 100
 58 91.5 78.3 117.5
 43 34.7 29.4 44.0

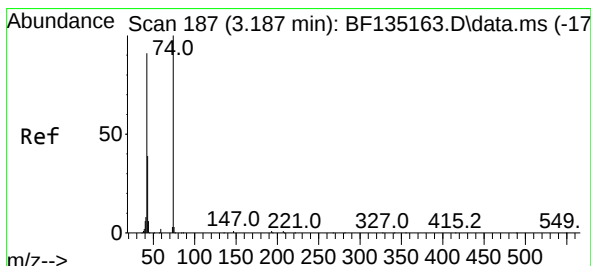
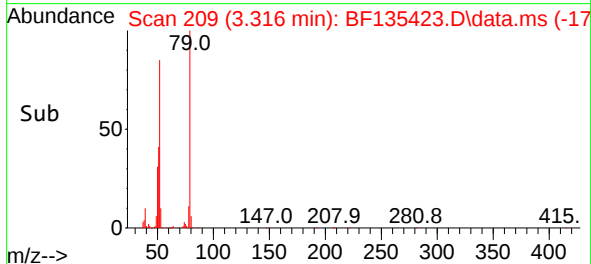
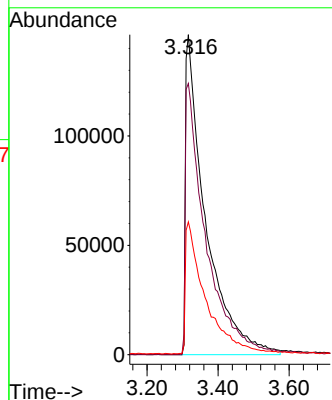
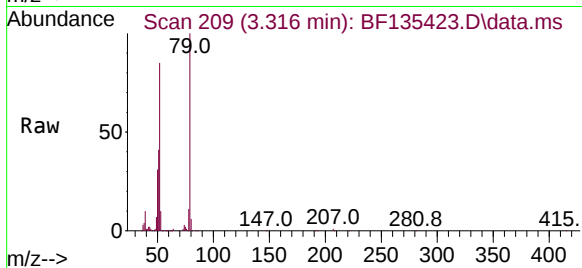




#3
 Pyridine
 Concen: 41.891 ng
 RT: 3.316 min Scan# 209
 Delta R.T. 0.117 min
 Lab File: BF135423.D
 Acq: 25 Sep 2023 13:11

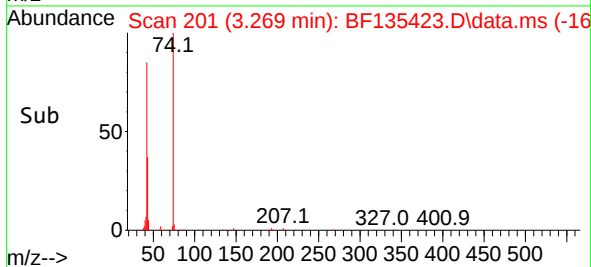
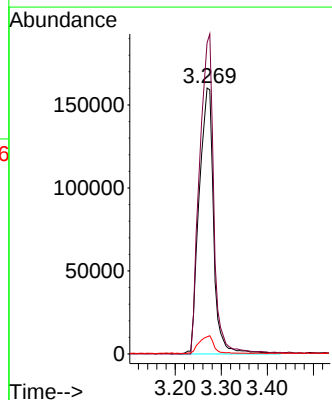
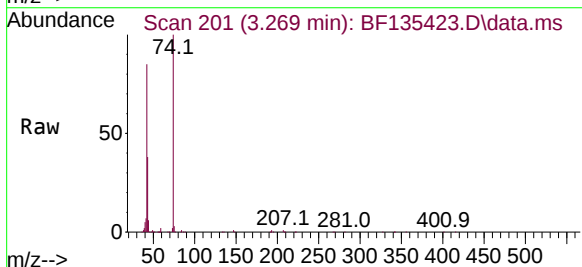
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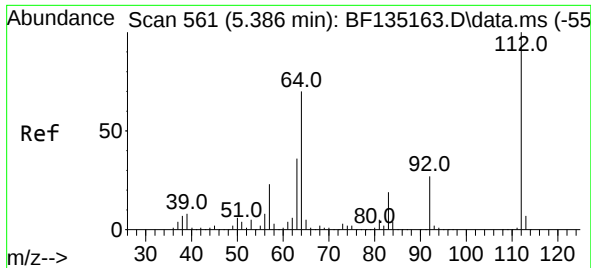
Tgt Ion: 79 Resp: 565348
 Ion Ratio Lower Upper
 79 100
 52 84.8 74.1 111.1
 51 41.5 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 48.966 ng
 RT: 3.269 min Scan# 201
 Delta R.T. 0.100 min
 Lab File: BF135423.D
 Acq: 25 Sep 2023 13:11

Tgt Ion: 42 Resp: 350672
 Ion Ratio Lower Upper
 42 100
 74 117.0 87.7 131.5
 44 6.5 5.6 8.4

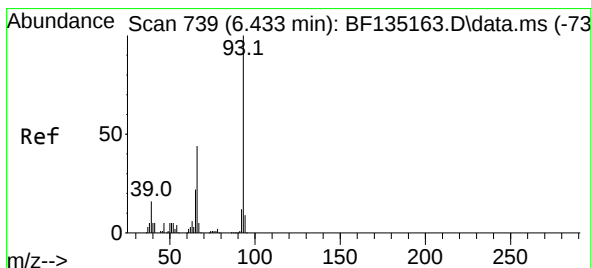
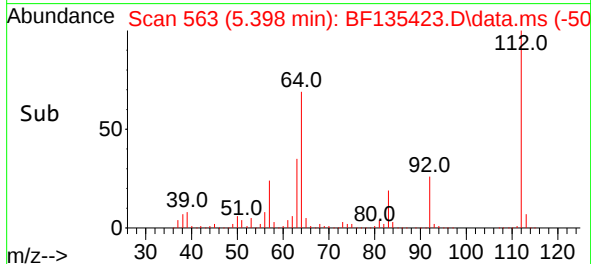
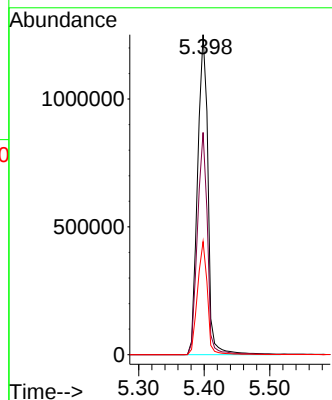
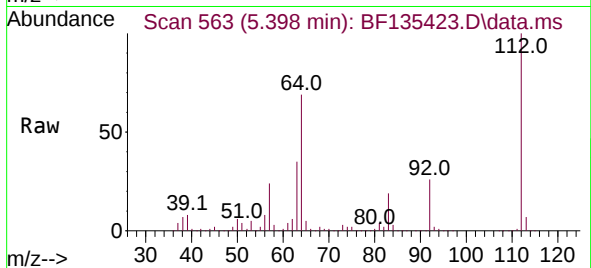




#5
2-Fluorophenol
Concen: 121.164 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.017 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

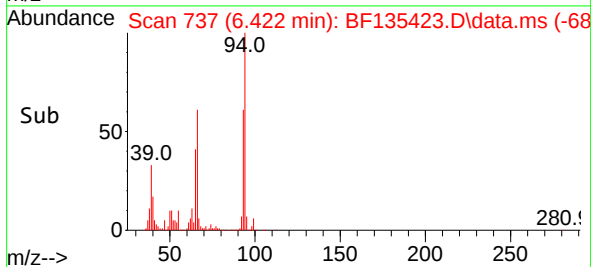
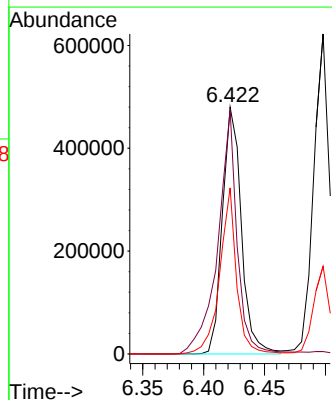
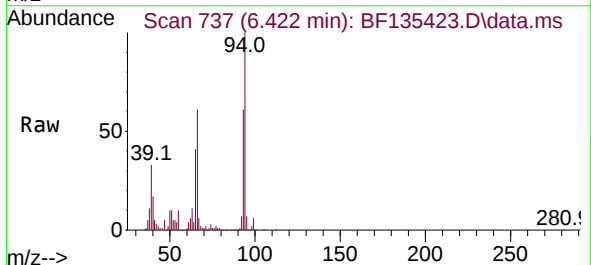
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ClientSampleId :

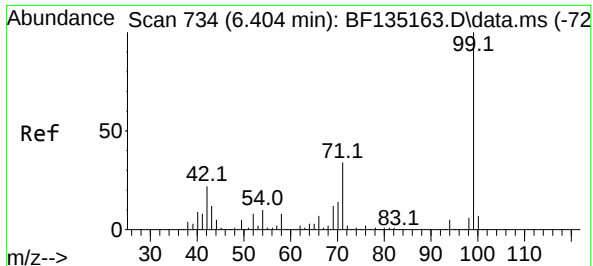
Tgt Ion:112 Resp: 1385927
Ion Ratio Lower Upper
112 100
64 69.5 55.9 83.9
63 35.4 29.0 43.6



#6
Aniline
Concen: 27.382 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion: 93 Resp: 522252
Ion Ratio Lower Upper
93 100
66 98.9 35.4 53.0#
65 67.3 17.8 26.8#

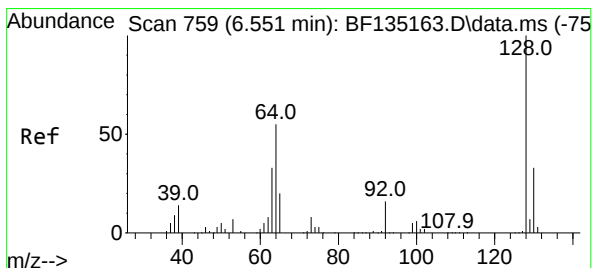
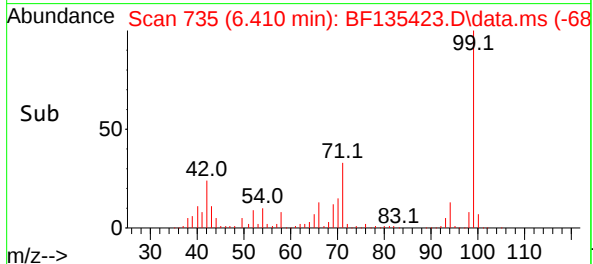
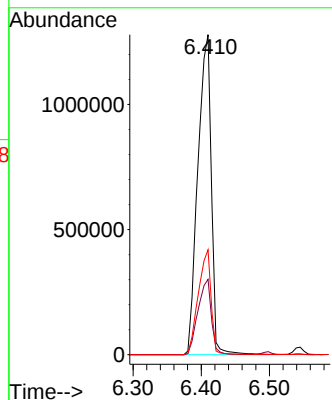
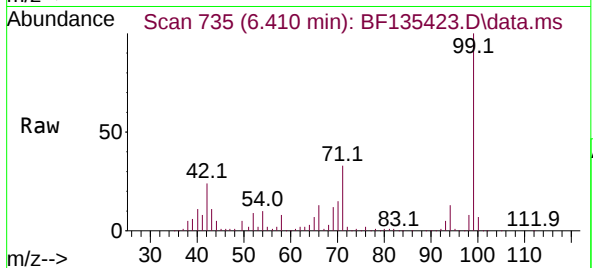




#7
Phenol-d6
Concen: 120.745 ng
RT: 6.410 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

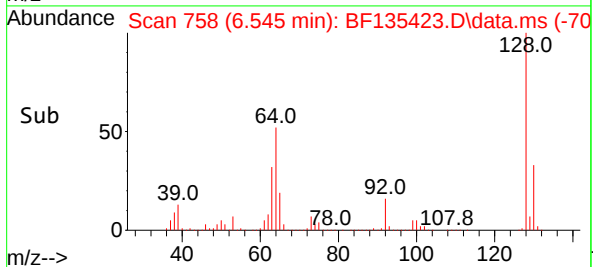
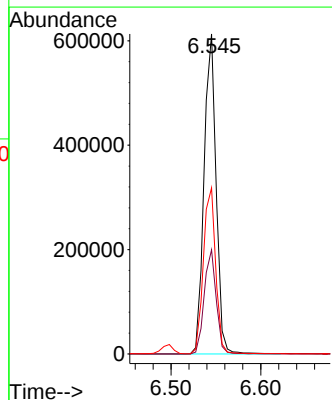
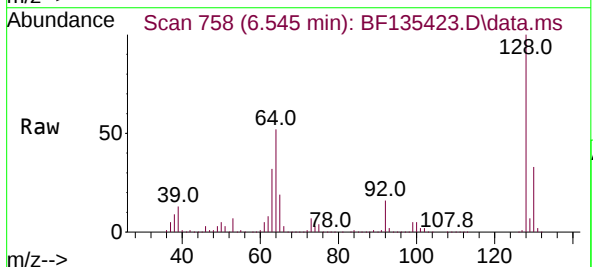
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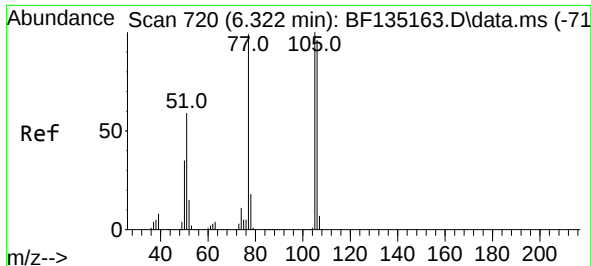
Tgt Ion: 99 Resp: 1756194
Ion Ratio Lower Upper
99 100
42 23.5 17.9 26.9
71 32.8 27.0 40.6



#8
2-Chlorophenol
Concen: 46.957 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion:128 Resp: 573371
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 51.9 35.9 75.9

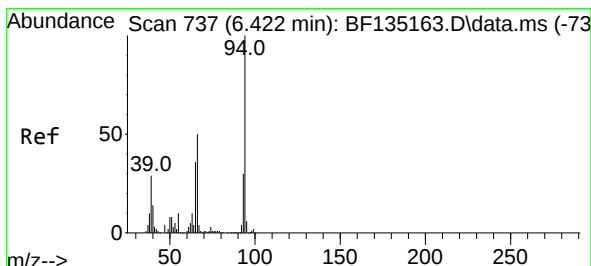
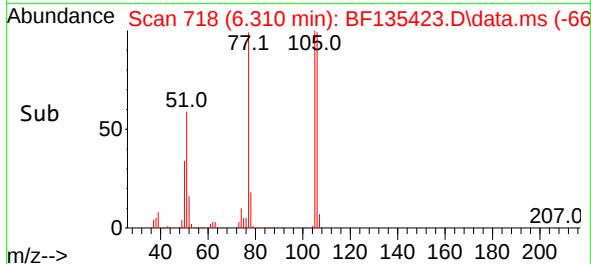
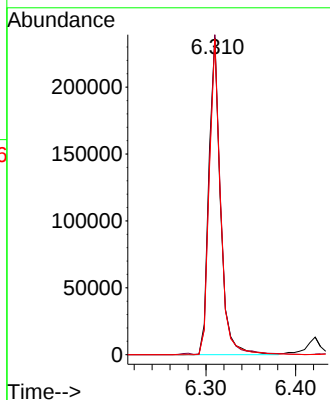
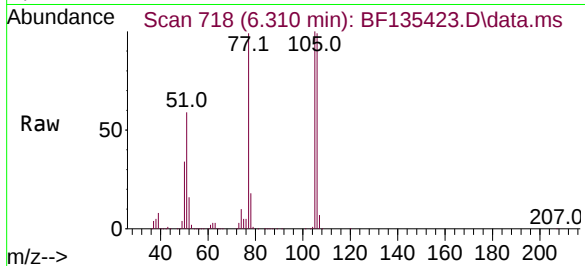




#9
Benzaldehyde
Concen: 25.613 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

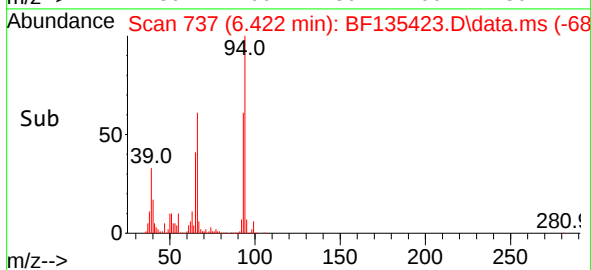
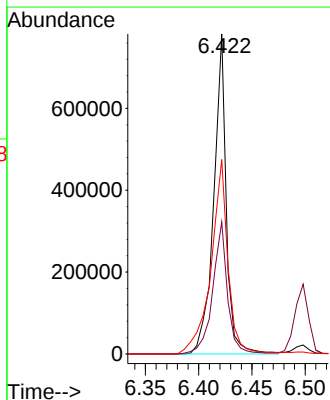
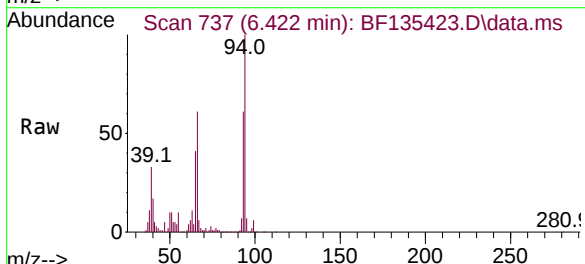
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BNA_F
ClientSampleId :

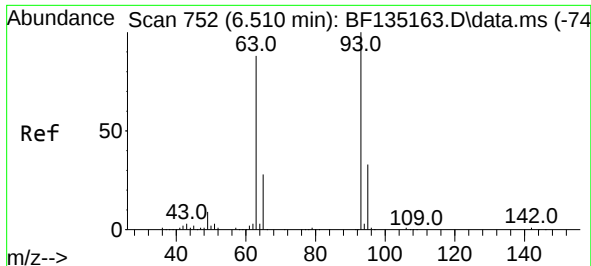
Tgt Ion: 77 Resp: 212221
Ion Ratio Lower Upper
77 100
105 101.0 81.4 121.4
106 99.6 76.9 116.9



#10
Phenol
Concen: 40.312 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion: 94 Resp: 642928
Ion Ratio Lower Upper
94 100
65 41.3 15.9 55.9
66 60.7 29.8 69.8

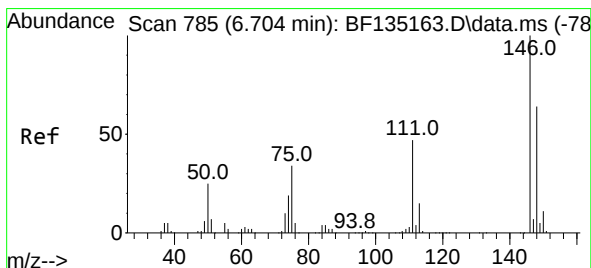
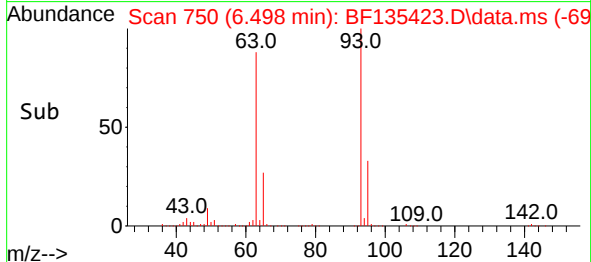
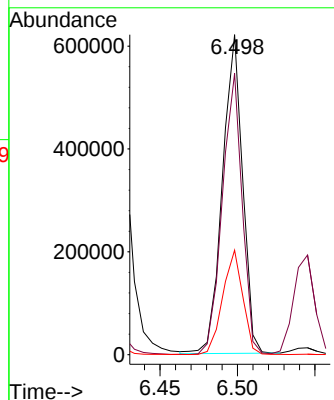
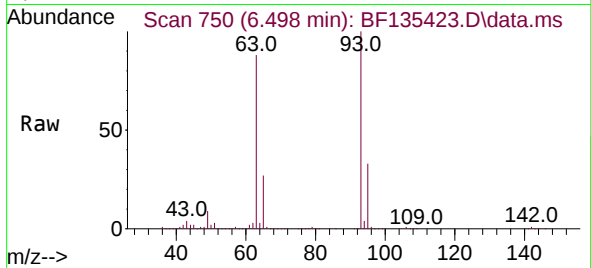




#11
bis(2-Chloroethyl)ether
Concen: 46.742 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

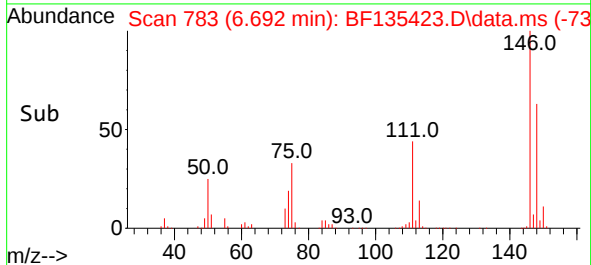
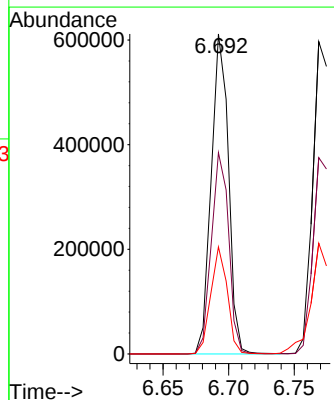
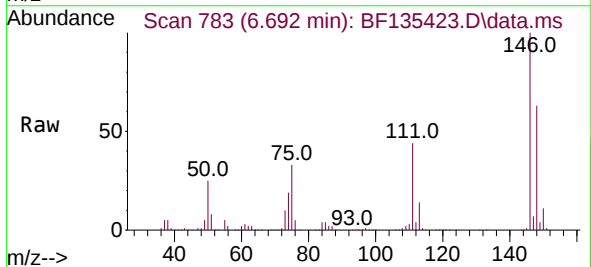
Instrument :
BNA_F
ClientSampleId :

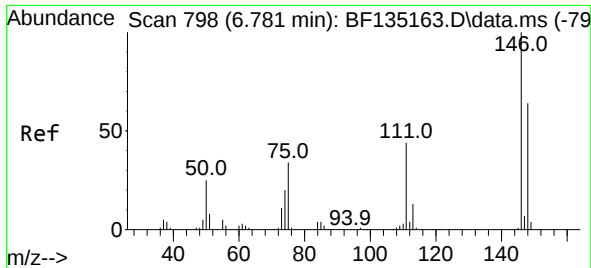
Tgt Ion: 93 Resp: 559186
Ion Ratio Lower Upper
93 100
63 87.9 67.3 107.3
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.055 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion:146 Resp: 559109
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
75 33.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.611 ng

RT: 6.769 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

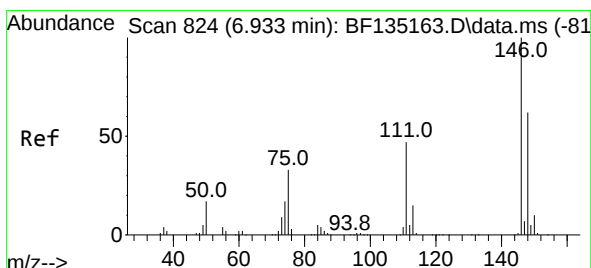
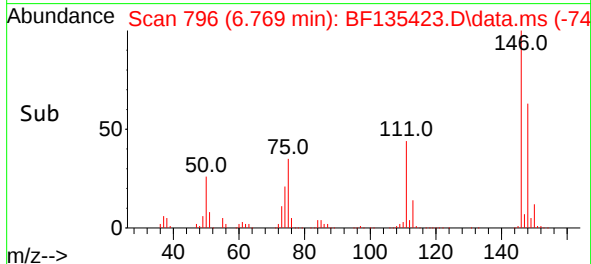
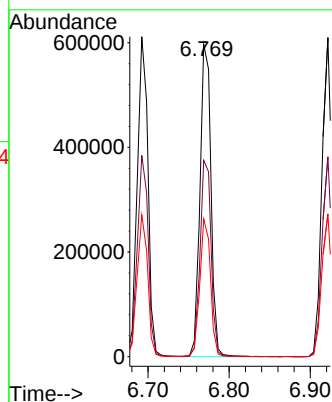
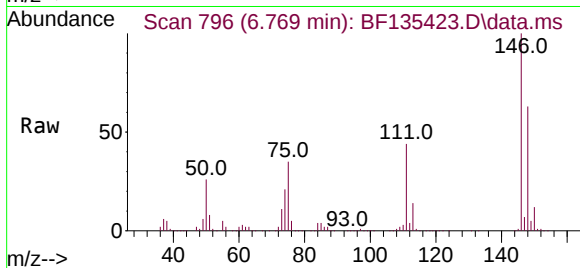
Tgt Ion:146 Resp: 563228

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

111 44.1 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 45.413 ng

RT: 6.922 min Scan# 822

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

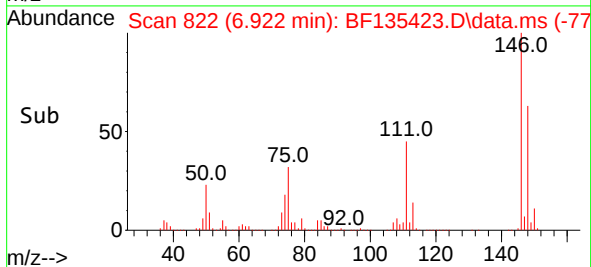
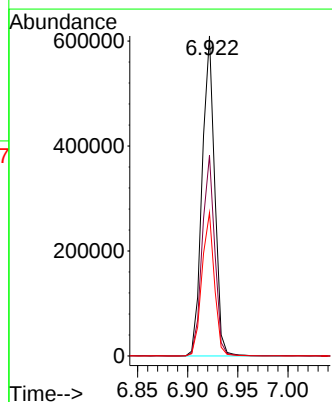
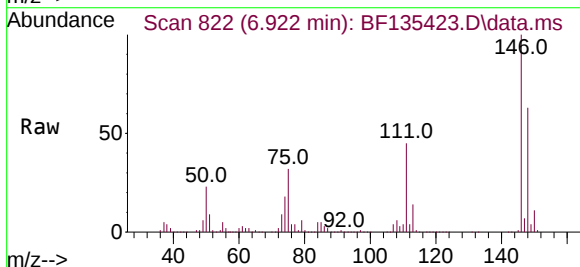
Tgt Ion:146 Resp: 532451

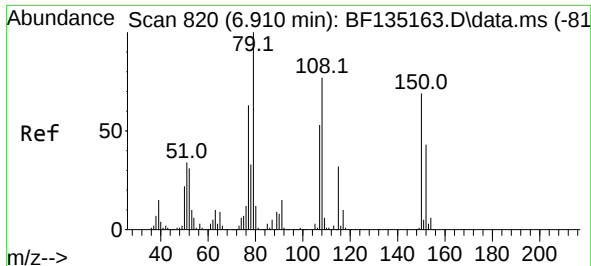
Ion Ratio Lower Upper

146 100

148 62.6 49.7 74.5

111 44.7 37.4 56.2

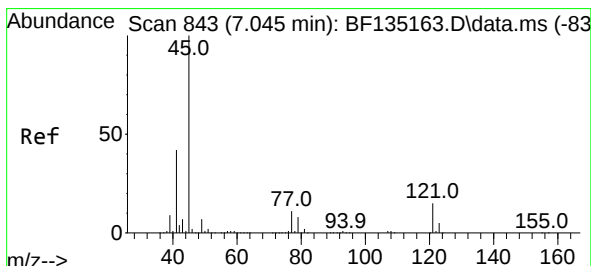
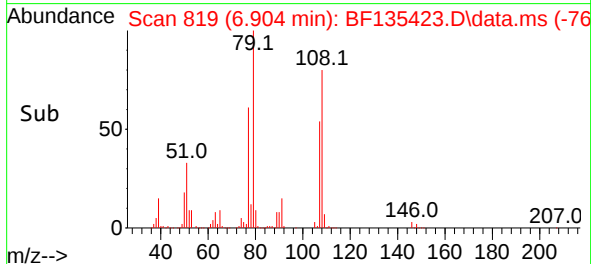
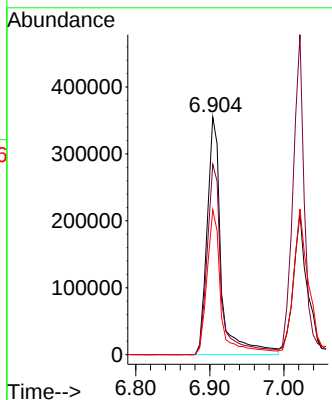
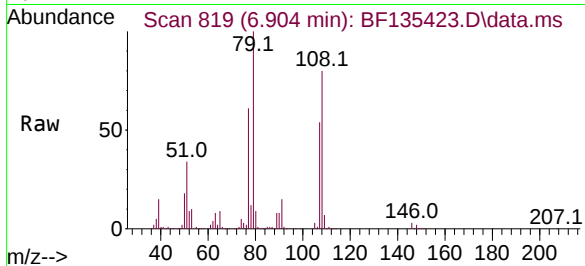




#15
Benzyl Alcohol
Concen: 45.055 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

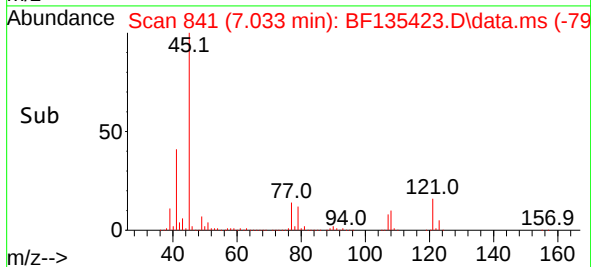
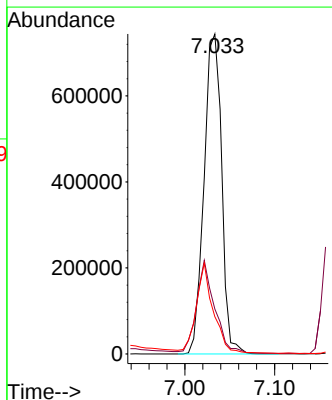
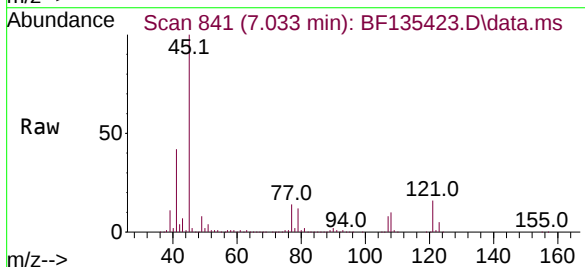
Instrument :
BNA_F
ClientSampleId :

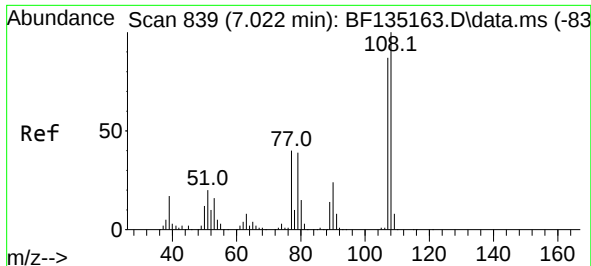
Tgt Ion: 79 Resp: 470238
Ion Ratio Lower Upper
79 100
108 80.1 61.2 91.8
77 60.9 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.903 ng
RT: 7.033 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

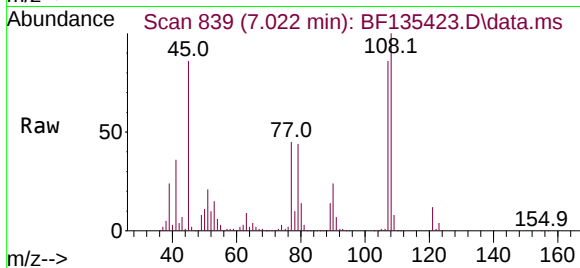
Tgt Ion: 45 Resp: 1012558
Ion Ratio Lower Upper
45 100
77 14.1 0.0 30.6
79 11.6 0.0 28.3



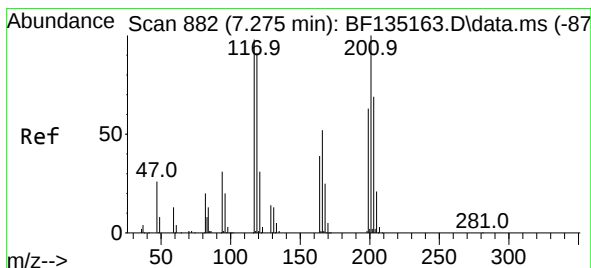
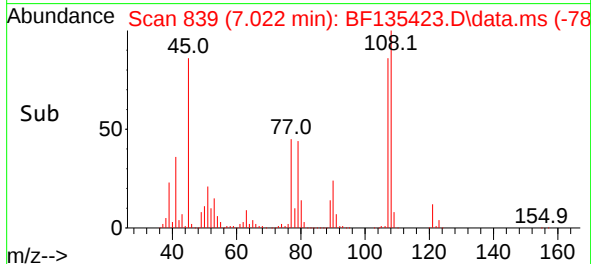
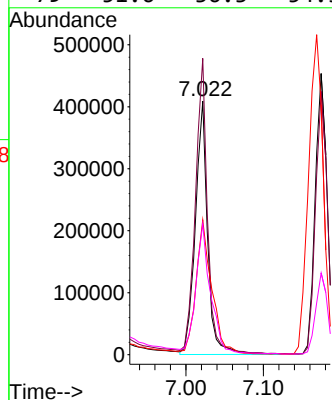


#17
2-Methylphenol
Concen: 42.028 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :

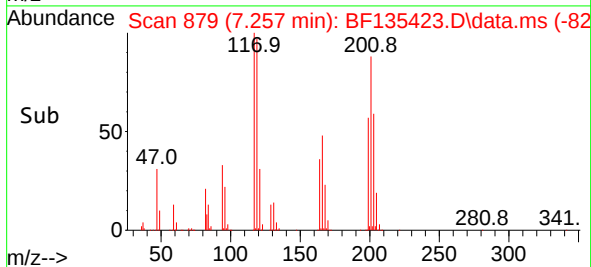
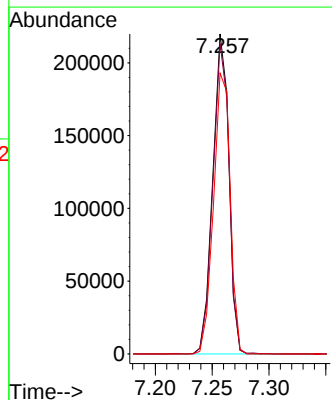
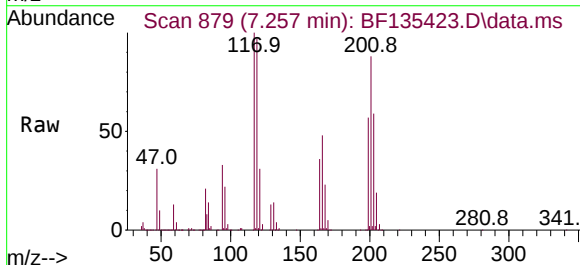


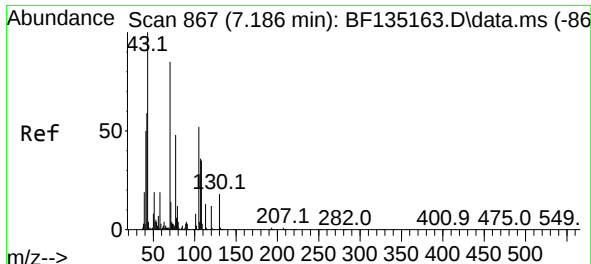
Tgt Ion:	107	Resp:	452867
Ion	Ratio	Lower	Upper
107	100		
108	116.8	92.0	138.0
77	53.2	36.7	55.1
79	51.6	36.3	54.5



#18
Hexachloroethane
Concen: 46.488 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion:	117	Resp:	216868
Ion	Ratio	Lower	Upper
117	100		
119	97.1	74.7	112.1
201	87.7	81.8	122.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.433 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.000 min

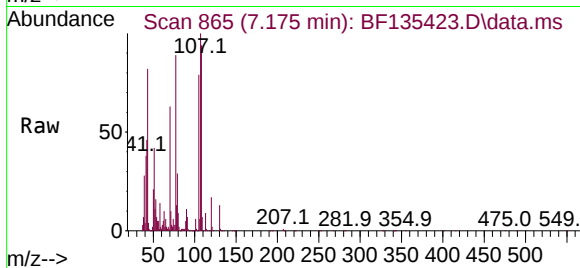
Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 355247

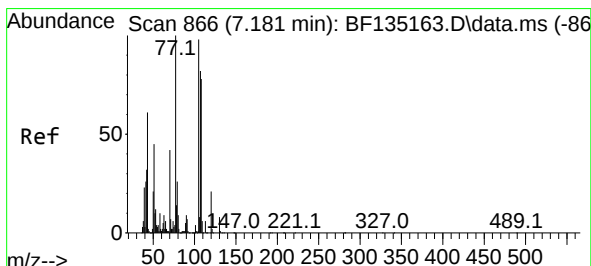
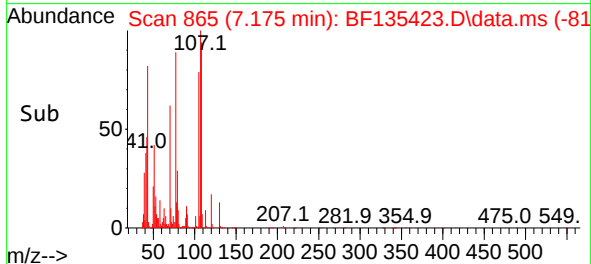
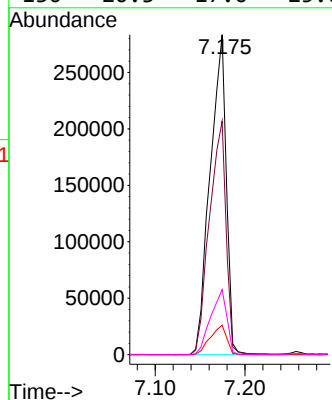
Ion Ratio Lower Upper

70 100

42 73.0 55.4 83.0

101 9.2 7.7 11.5

130 20.3 17.0 25.6



#20

3+4-Methylphenols

Concen: 39.666 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Tgt Ion: 107 Resp: 513946

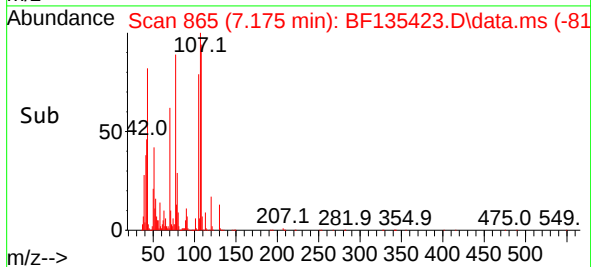
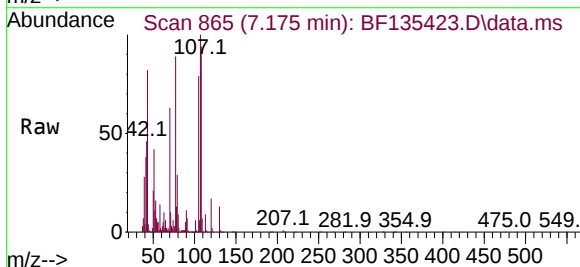
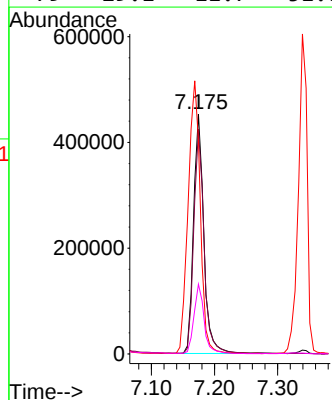
Ion Ratio Lower Upper

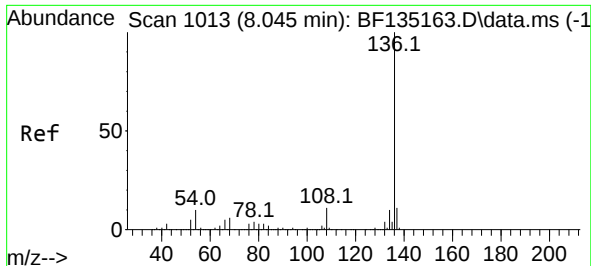
107 100

108 93.6 74.7 114.7

77 88.9 102.0 142.0#

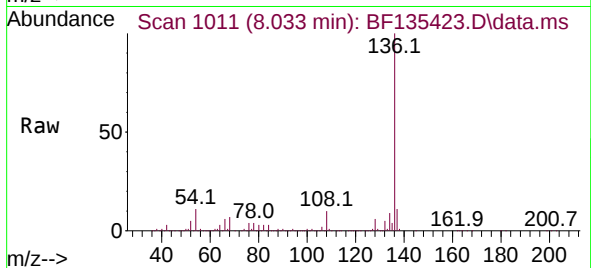
79 29.1 11.7 51.7



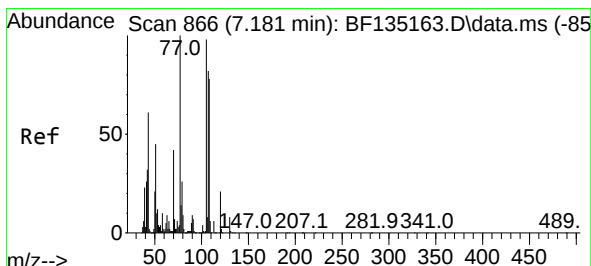
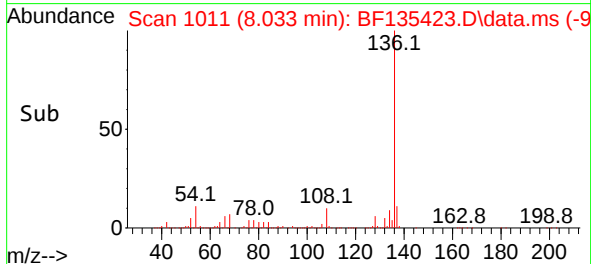
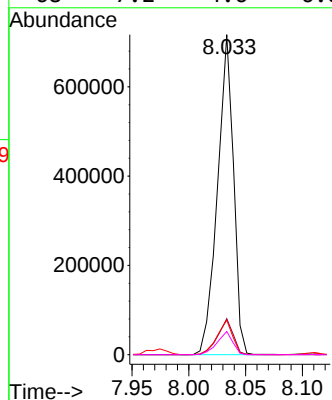


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :

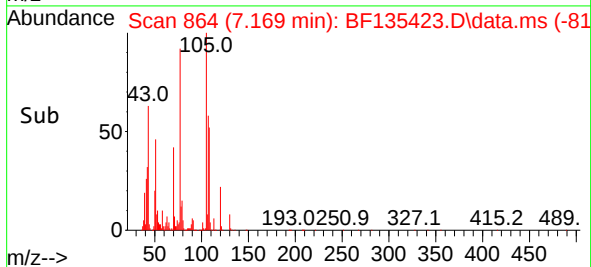
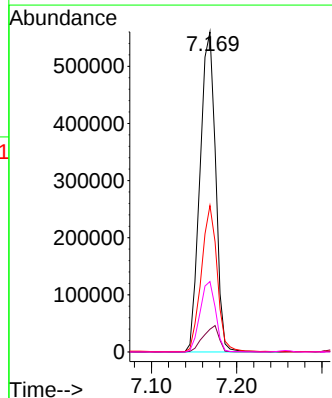
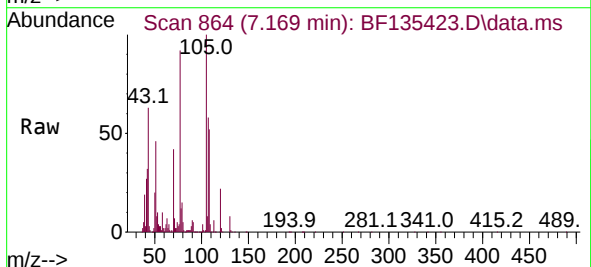


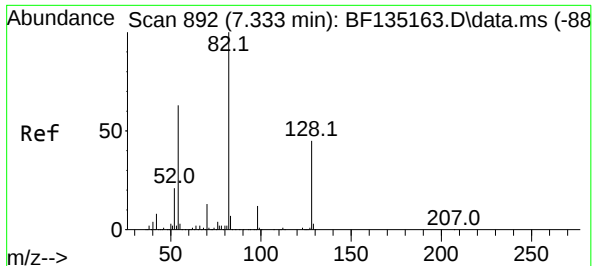
Tgt Ion:136 Resp: 704566
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.8 7.7 11.5
68 7.2 4.6 6.8#



#22
Acetophenone
Concen: 44.240 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion:105 Resp: 712630
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.6
51 45.8 37.0 55.4
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.963 ng

RT: 7.322 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

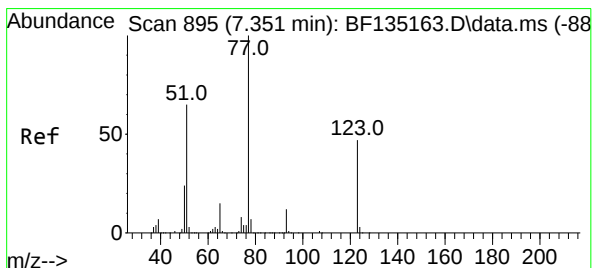
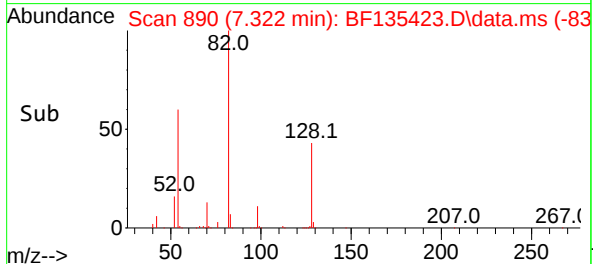
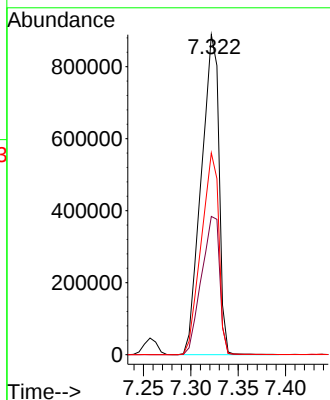
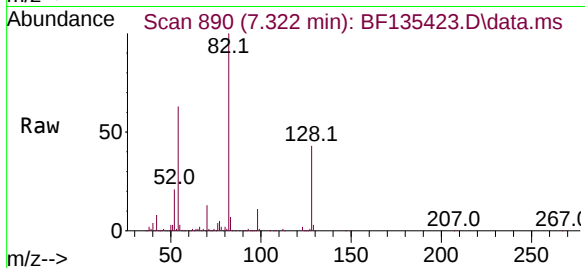
Tgt Ion: 82 Resp: 1153713

Ion Ratio Lower Upper

82 100

128 43.2 35.8 53.6

54 63.1 50.6 76.0



#24

Nitrobenzene

Concen: 46.012 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

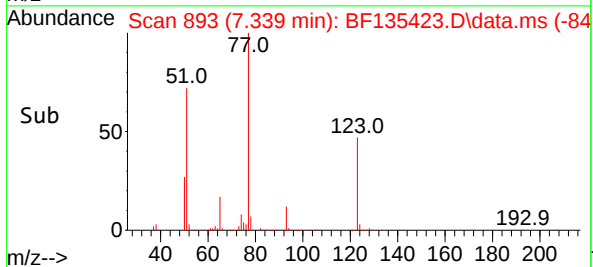
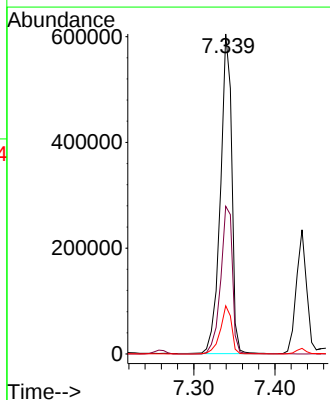
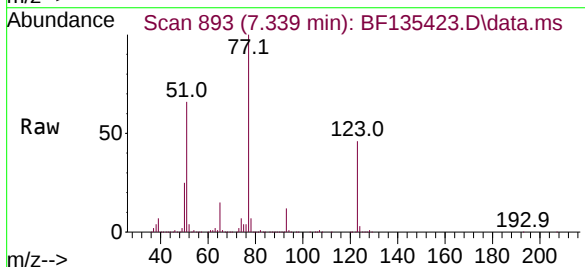
Tgt Ion: 77 Resp: 589775

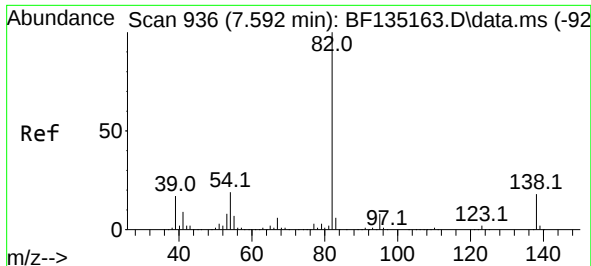
Ion Ratio Lower Upper

77 100

123 46.2 37.6 56.4

65 15.0 12.2 18.4

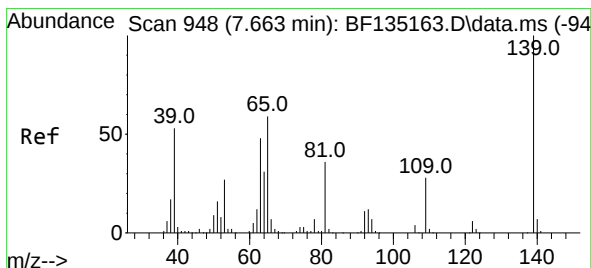
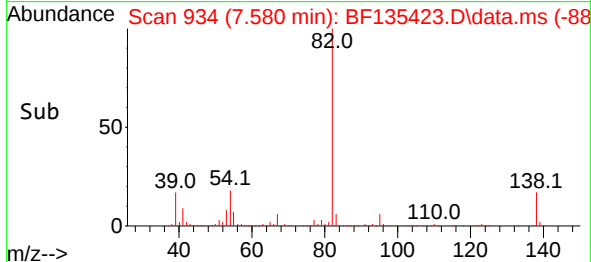
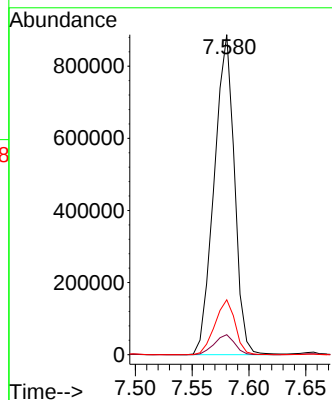
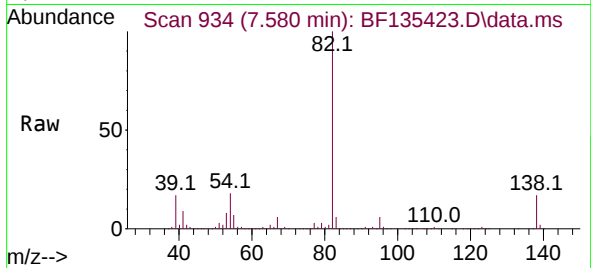




#25
Isophorone
Concen: 46.193 ng
RT: 7.580 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

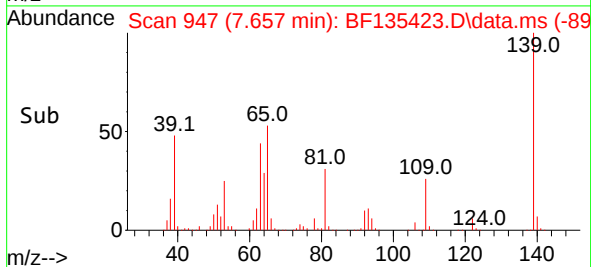
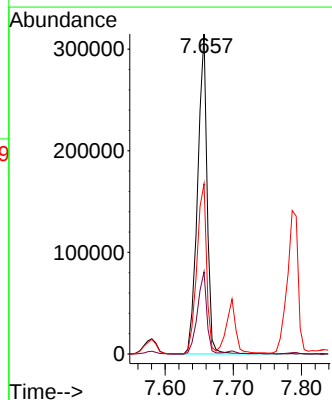
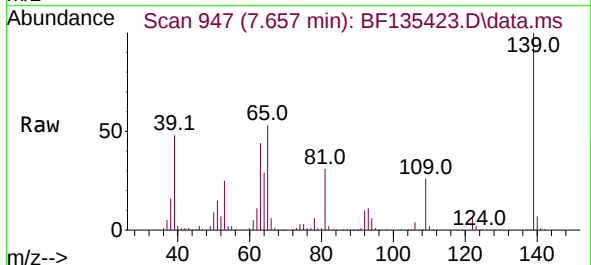
Instrument :
BNA_F
ClientSampleId :

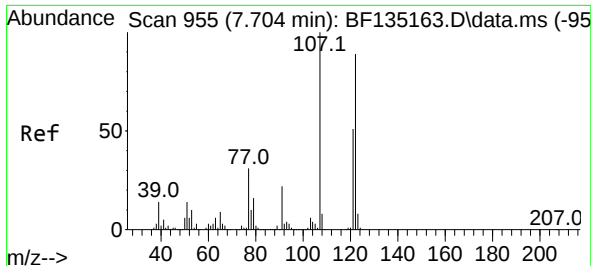
Tgt Ion: 82 Resp: 1100024
Ion Ratio Lower Upper
82 100
95 6.2 6.0 9.0
138 17.2 14.5 21.7



#26
2-Nitrophenol
Concen: 49.522 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion: 139 Resp: 304657
Ion Ratio Lower Upper
139 100
109 25.7 22.6 33.8
65 53.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.944 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

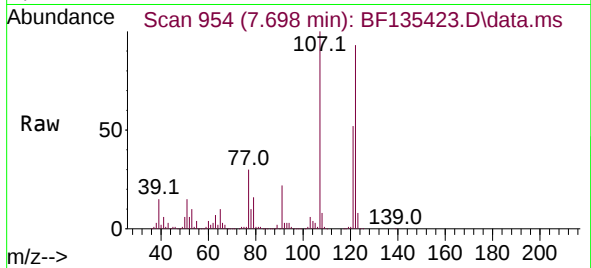
Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :



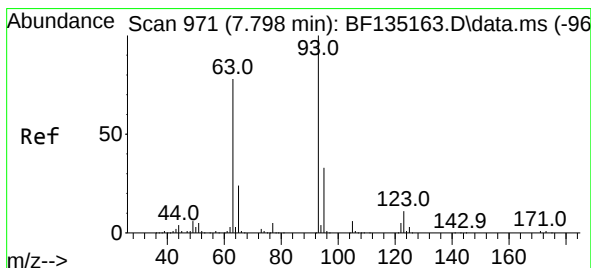
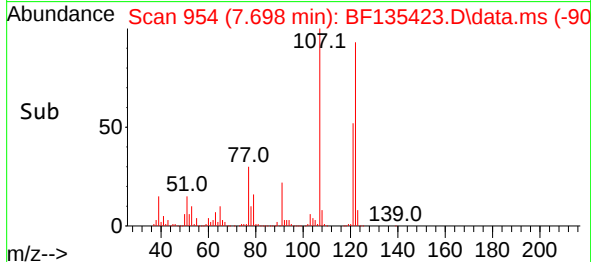
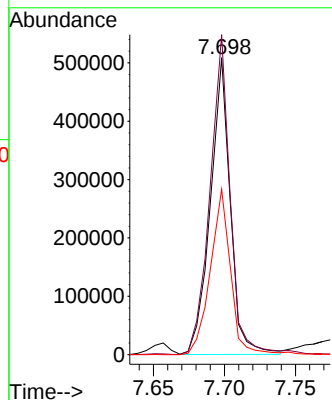
Tgt Ion:122 Resp: 495771

Ion Ratio Lower Upper

122 100

107 107.8 90.2 135.4

121 55.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 47.502 ng

RT: 7.786 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

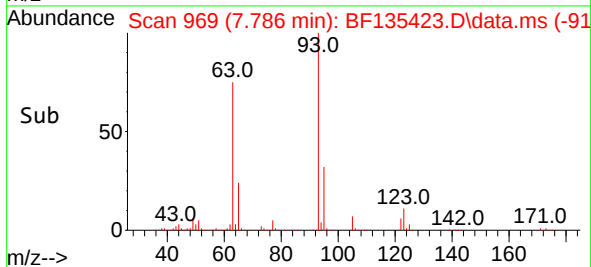
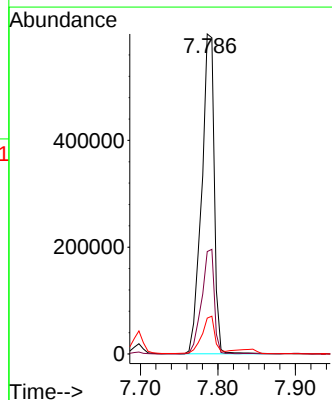
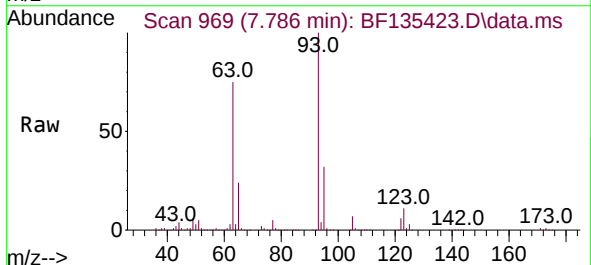
Tgt Ion: 93 Resp: 677046

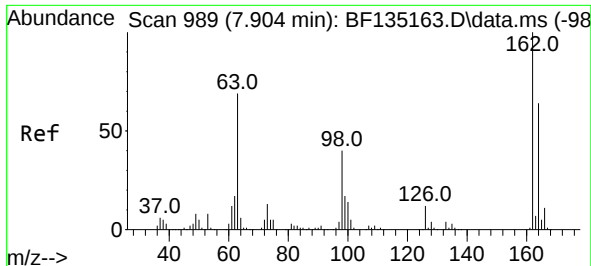
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 45.916 ng

RT: 7.898 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

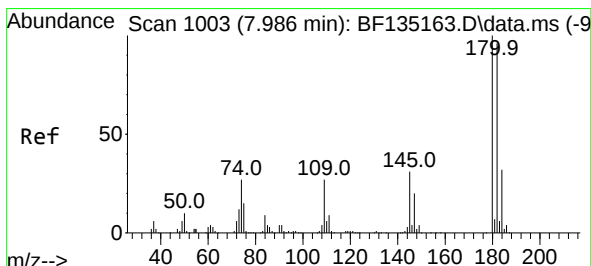
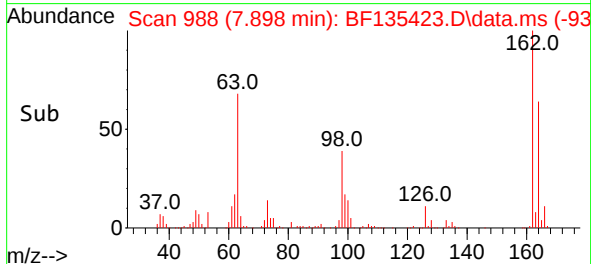
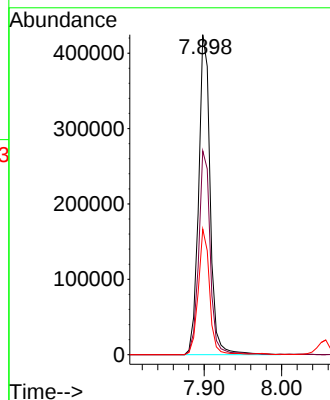
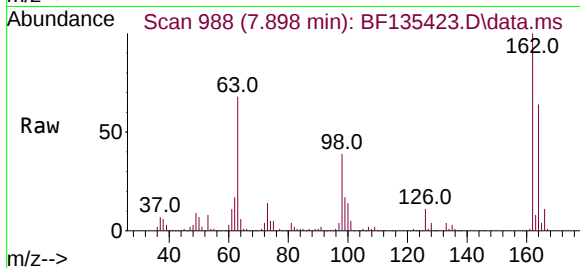
Tgt Ion:162 Resp: 439955

Ion Ratio Lower Upper

162 100

164 63.7 44.1 84.1

98 39.2 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 46.002 ng

RT: 7.974 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

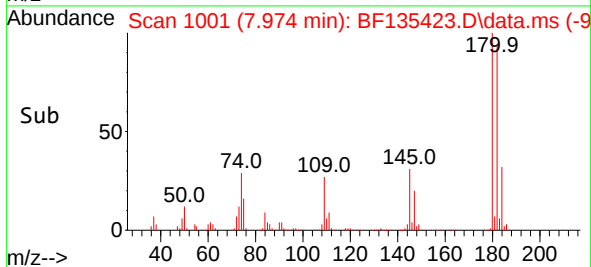
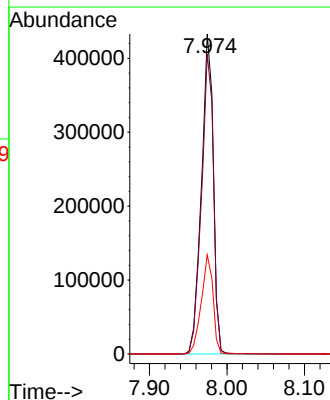
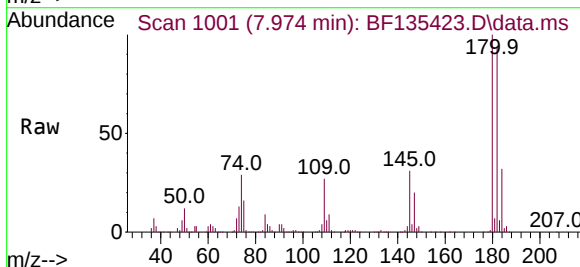
Tgt Ion:180 Resp: 460714

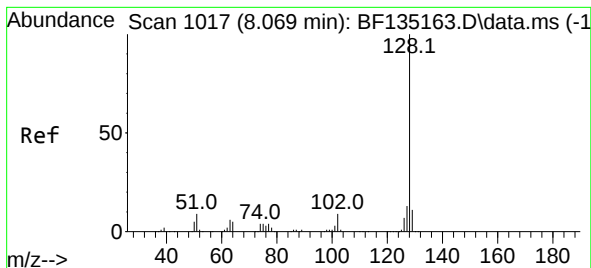
Ion Ratio Lower Upper

180 100

182 93.8 76.9 115.3

145 30.9 24.5 36.7





#31

Naphthalene

Concen: 44.926 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

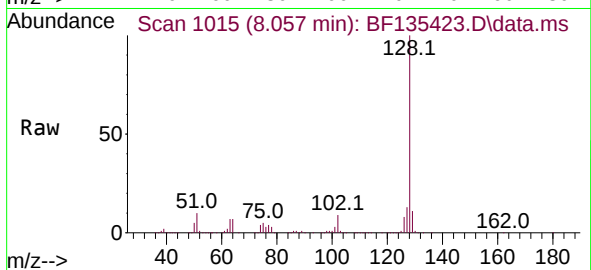
Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :



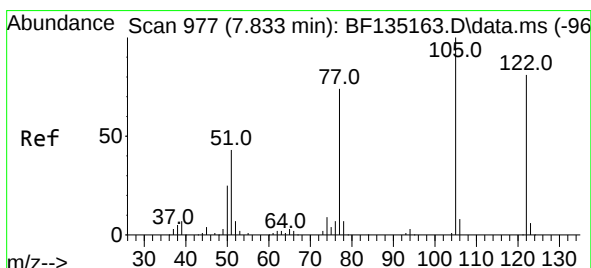
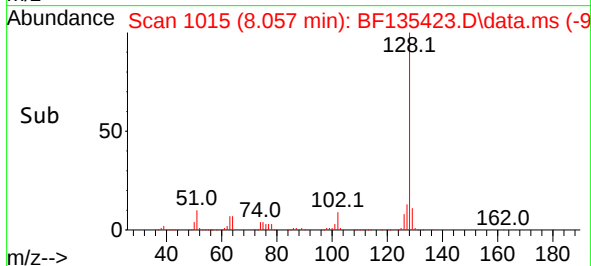
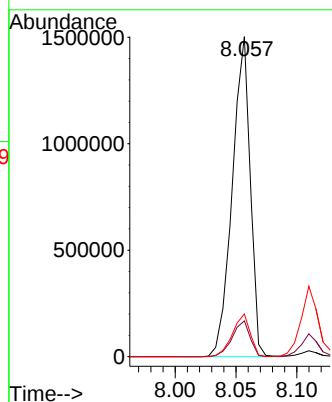
Tgt Ion:128 Resp: 1537945

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 47.219 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.017 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

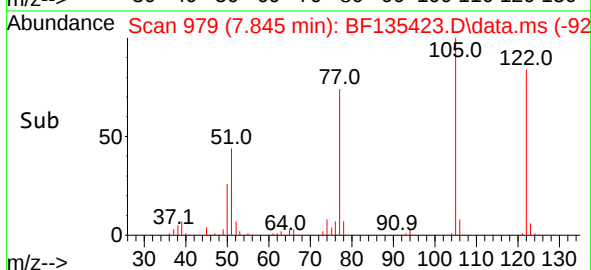
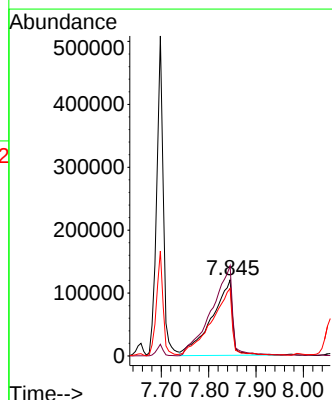
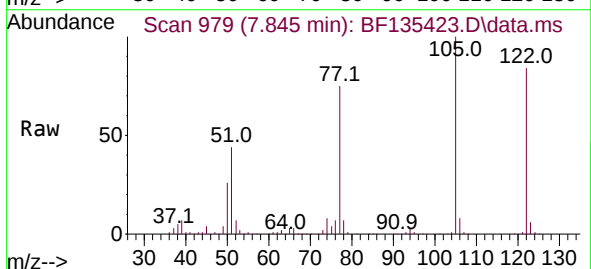
Tgt Ion:122 Resp: 367678

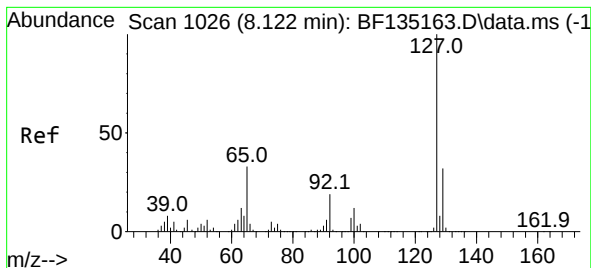
Ion Ratio Lower Upper

122 100

105 118.9 99.9 139.9

77 88.8 70.0 110.0





#33

4-Chloroaniline

Concen: 23.318 ng

RT: 8.110 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 350223

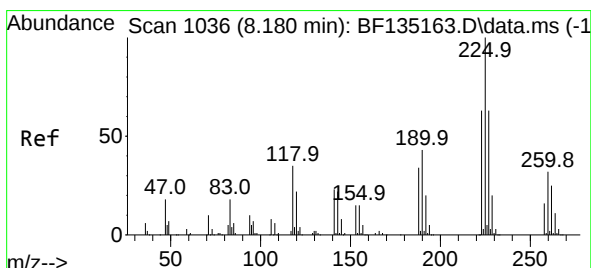
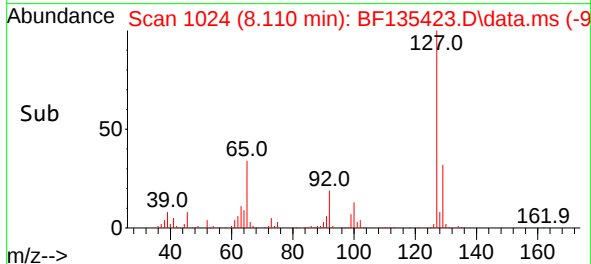
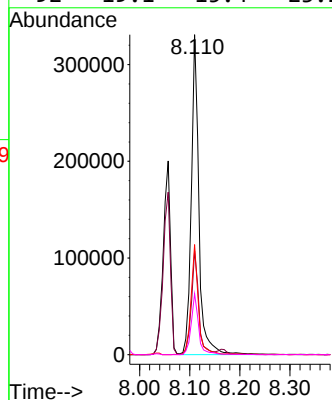
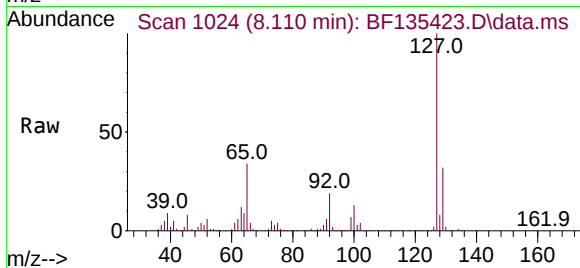
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 34.4 26.6 39.8

92 19.1 15.4 23.2



#34

Hexachlorobutadiene

Concen: 42.475 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

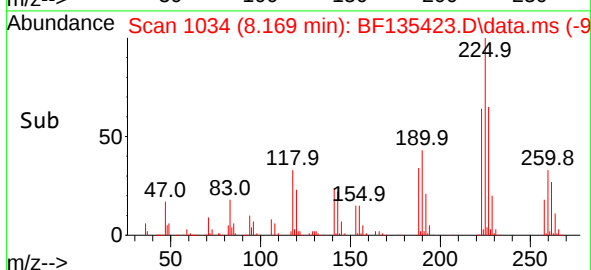
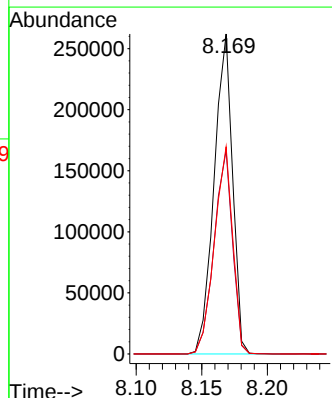
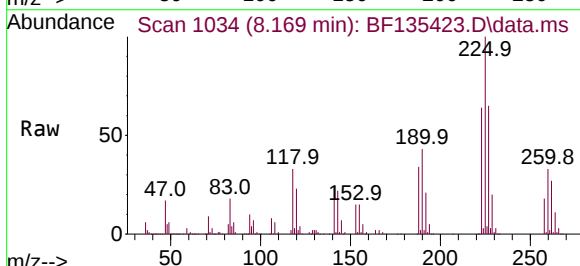
Tgt Ion:225 Resp: 256507

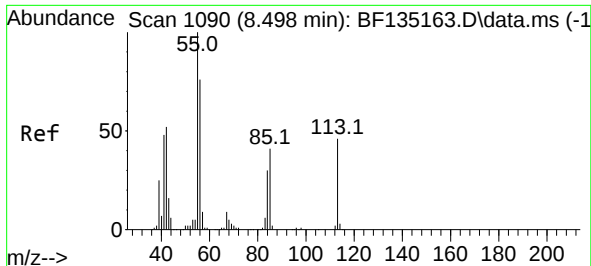
Ion Ratio Lower Upper

225 100

223 63.6 50.6 75.8

227 64.7 50.8 76.2

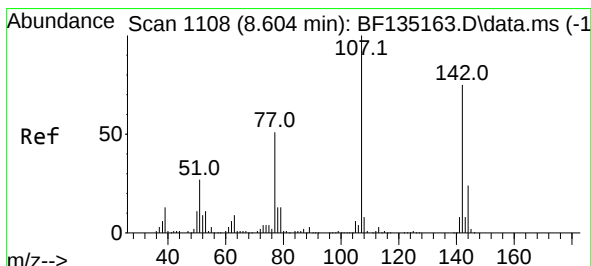
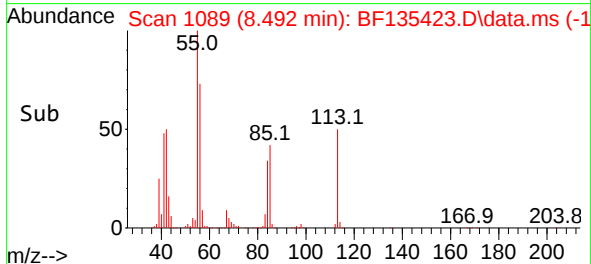
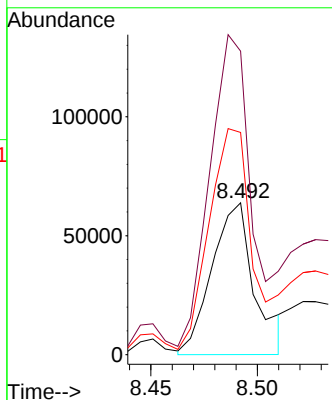
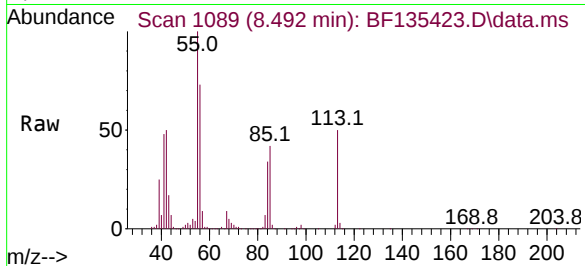




#35
 Caprolactam
 Concen: 27.524 ng
 RT: 8.492 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF135423.D
 Acq: 25 Sep 2023 13:11

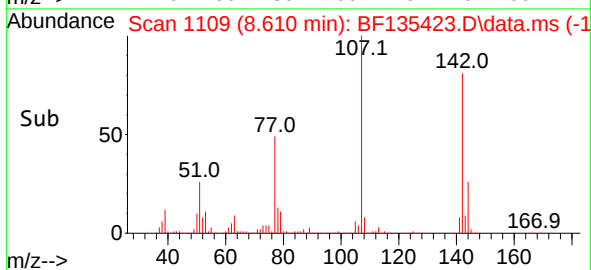
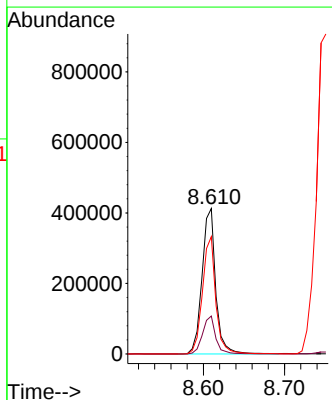
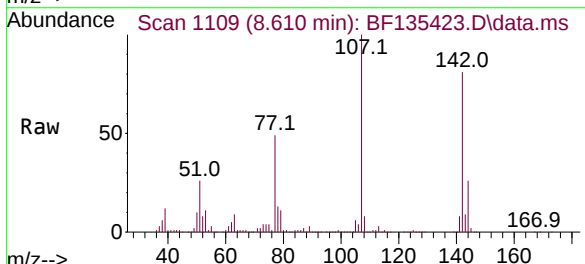
Instrument :
 BNA_F
 ClientSampleId :

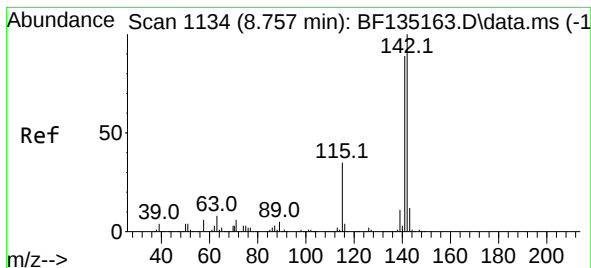
Tgt Ion:113 Resp: 88513
 Ion Ratio Lower Upper
 113 100
 55 200.0 199.3 239.3
 56 146.4 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.176 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135423.D
 Acq: 25 Sep 2023 13:11

Tgt Ion:107 Resp: 481097
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.0 28.4
 142 80.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 41.559 ng

RT: 8.751 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

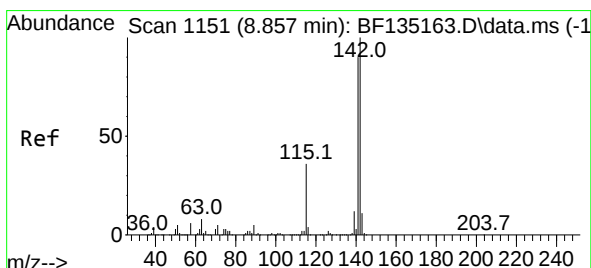
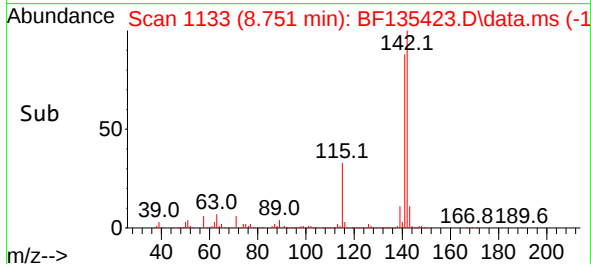
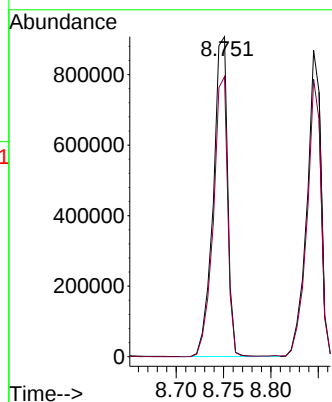
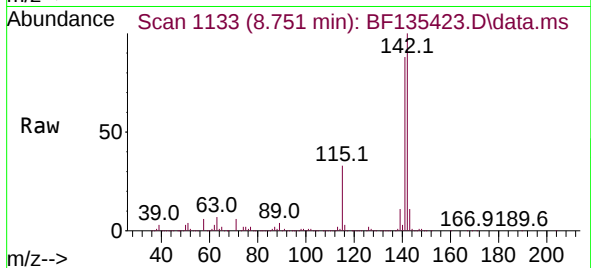
ClientSampleId :

Tgt Ion:142 Resp: 956325

Ion Ratio Lower Upper

142 100

141 87.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 41.771 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF135423.D

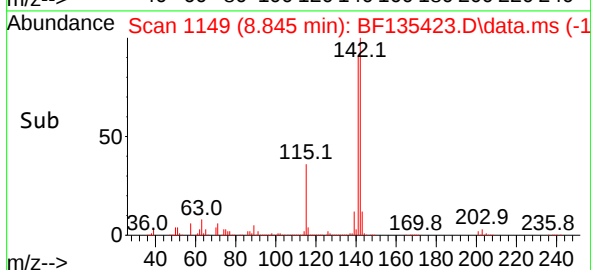
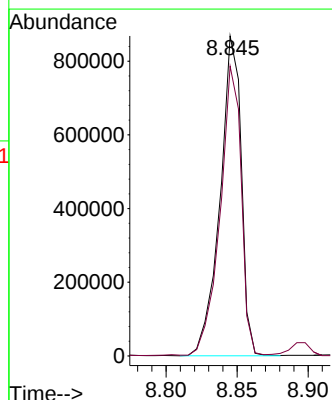
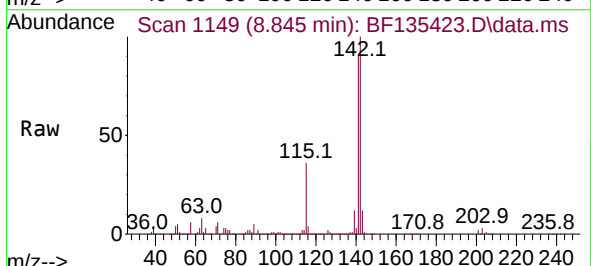
Acq: 25 Sep 2023 13:11

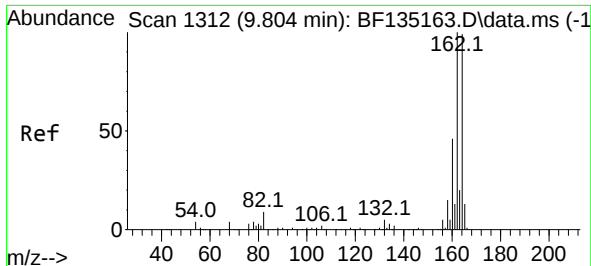
Tgt Ion:142 Resp: 899920

Ion Ratio Lower Upper

142 100

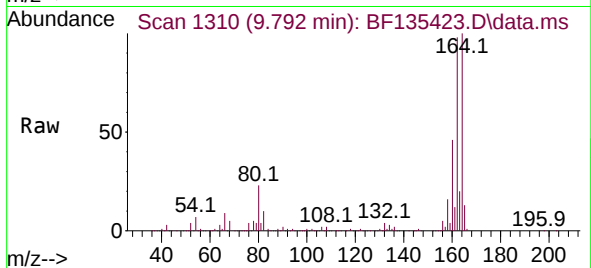
141 90.5 72.4 108.6



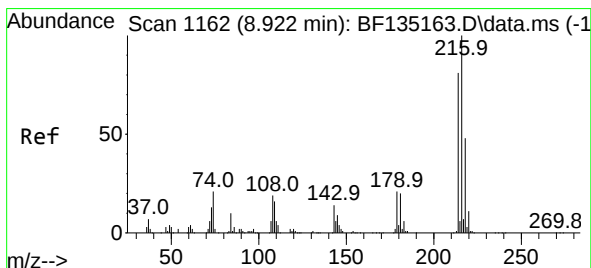
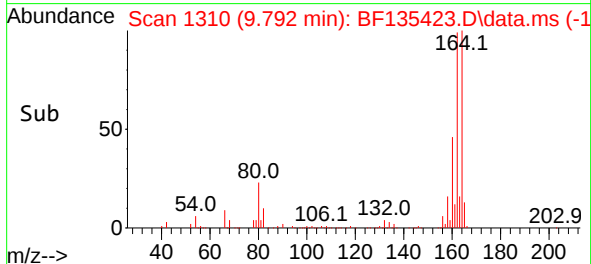
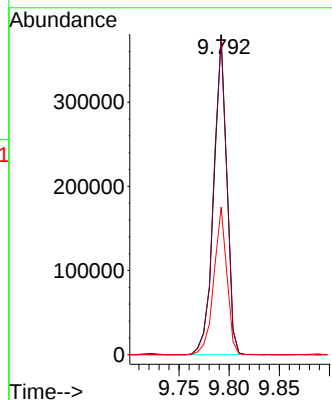


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :

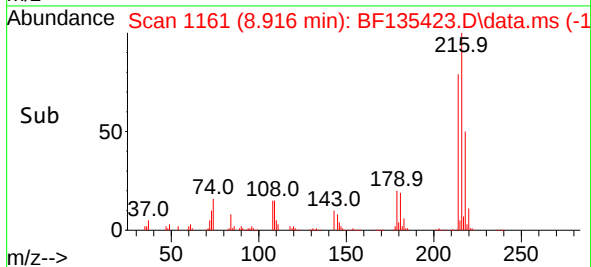
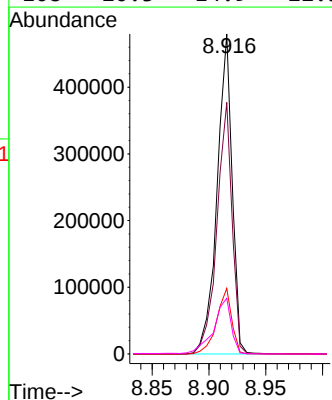
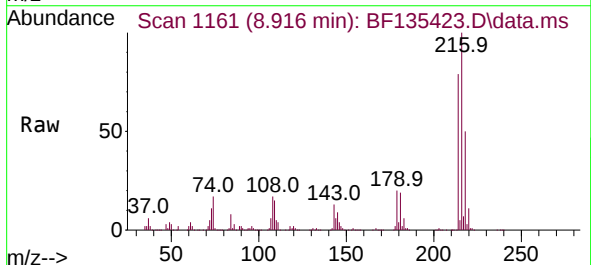


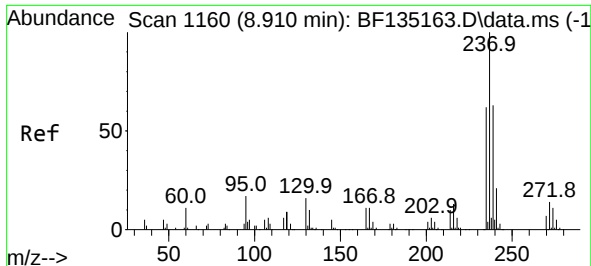
Tgt Ion:164 Resp: 343508
Ion Ratio Lower Upper
164 100
162 98.2 81.0 121.4
160 46.1 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.592 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

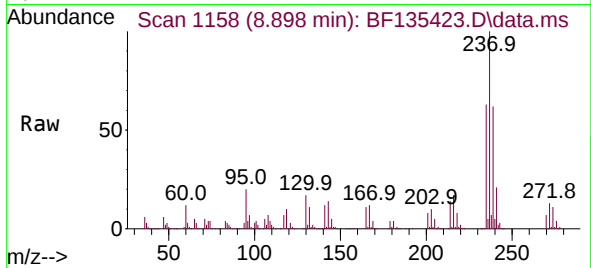
Tgt Ion:216 Resp: 443771
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 20.4 16.7 25.1
108 20.3 14.9 22.3



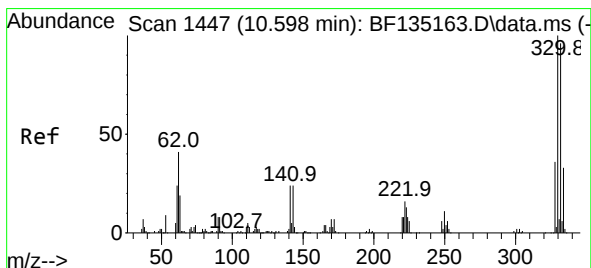
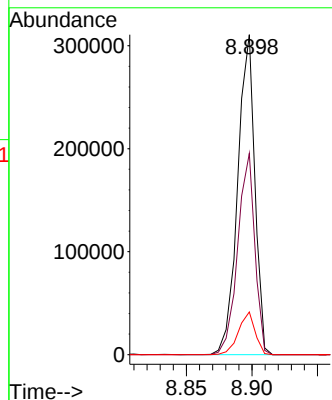
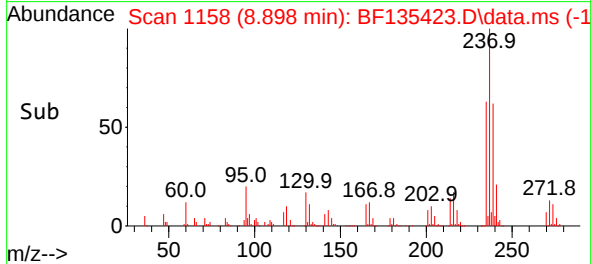


#41
Hexachlorocyclopentadiene
Concen: 66.169 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

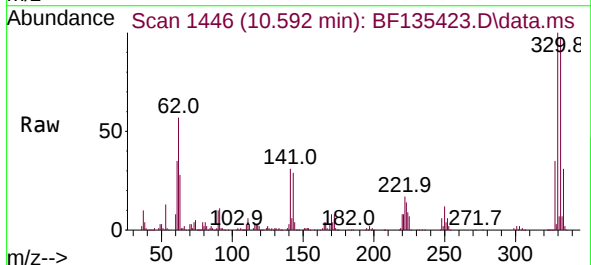
Instrument :
BNA_F
ClientSampleId :



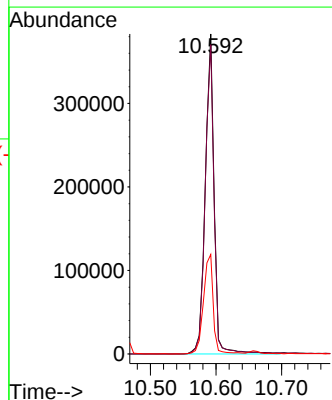
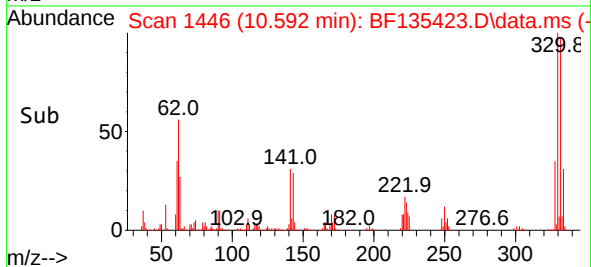
Tgt Ion:237 Resp: 283984
Ion Ratio Lower Upper
237 100
235 62.9 41.8 81.8
272 13.3 0.0 33.6

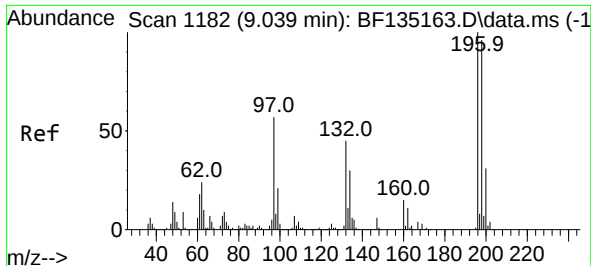


#42
2,4,6-Tribromophenol
Concen: 106.134 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11



Tgt Ion:330 Resp: 362303
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 34.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 44.942 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

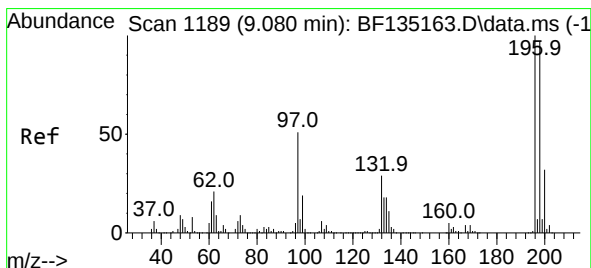
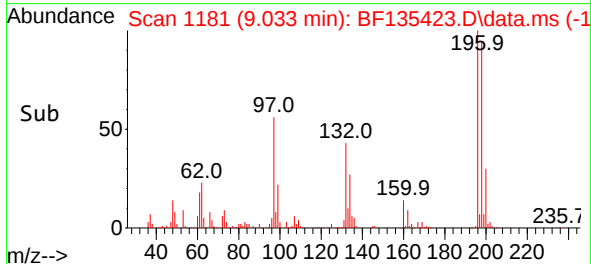
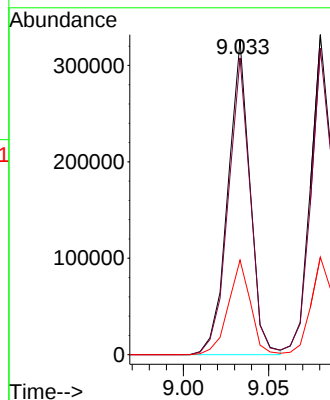
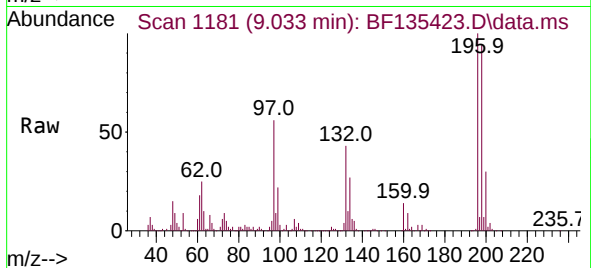
Tgt Ion:196 Resp: 292834

Ion Ratio Lower Upper

196 100

198 94.4 77.0 115.6

200 30.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.949 ng

RT: 9.080 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Tgt Ion:196 Resp: 314772

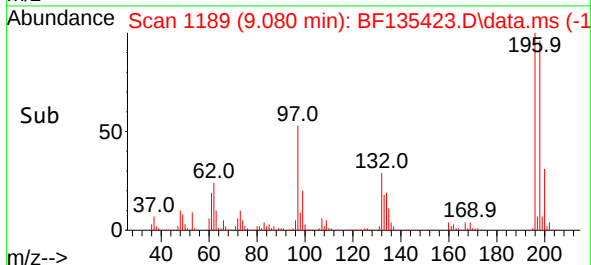
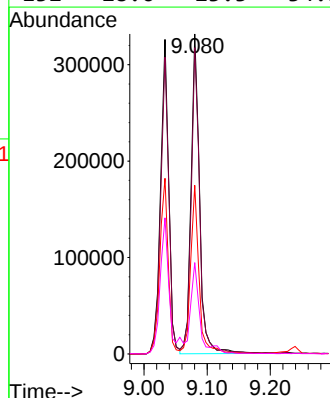
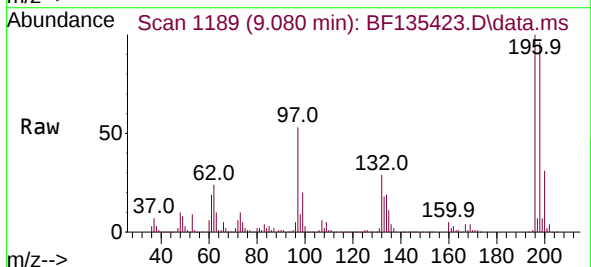
Ion Ratio Lower Upper

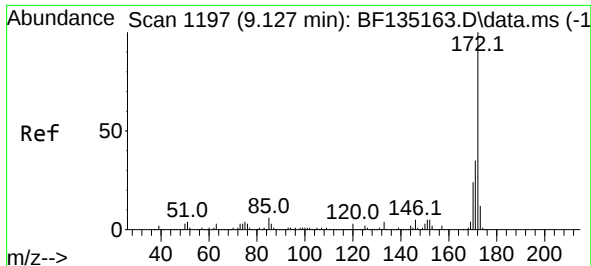
196 100

198 95.7 77.5 116.3

97 52.7 40.5 60.7

132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 80.125 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

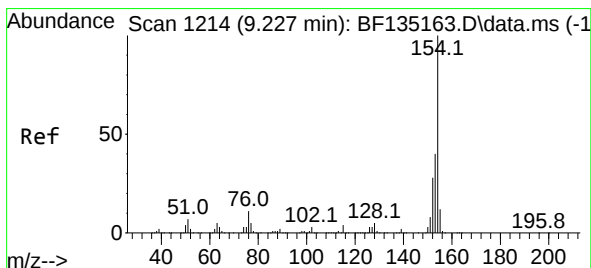
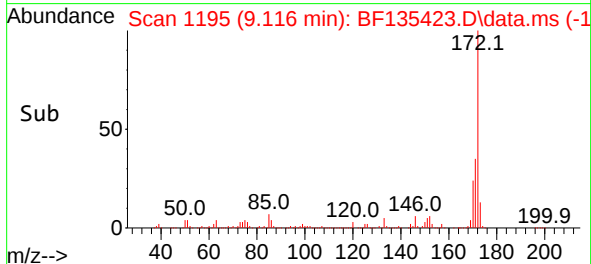
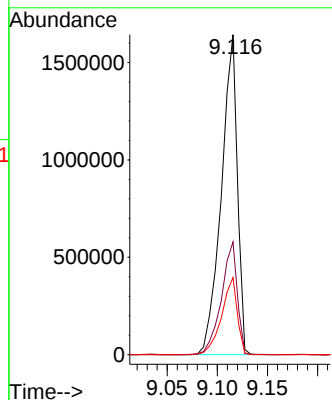
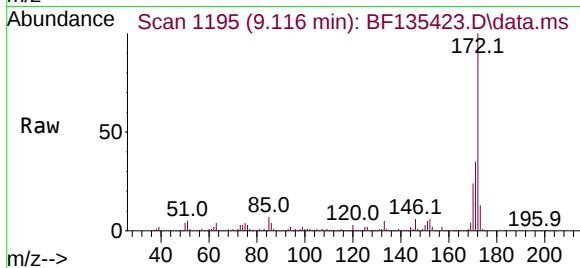
Tgt Ion:172 Resp: 1824291

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.057 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

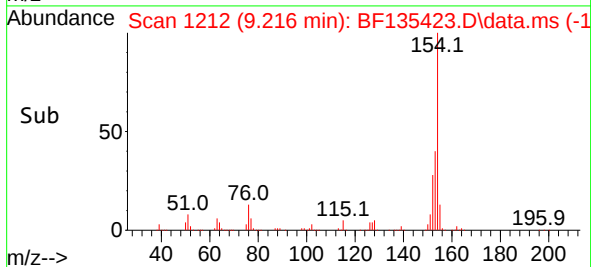
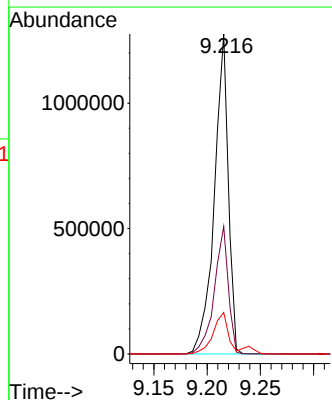
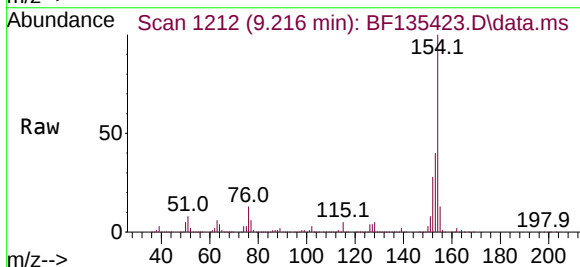
Tgt Ion:154 Resp: 1163026

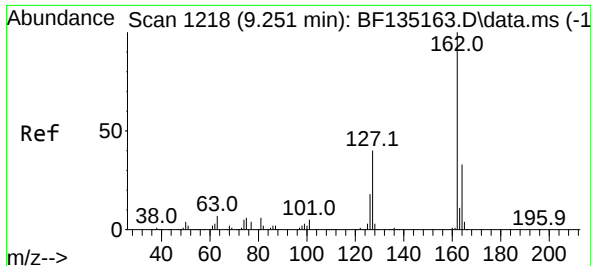
Ion Ratio Lower Upper

154 100

153 39.8 19.6 59.6

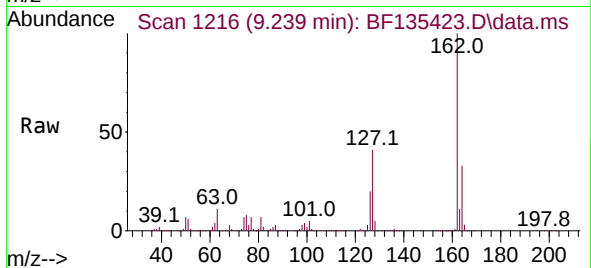
76 12.9 0.0 31.0



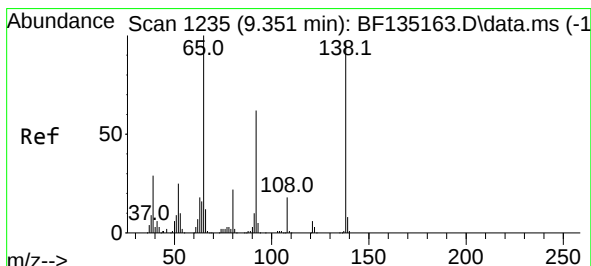
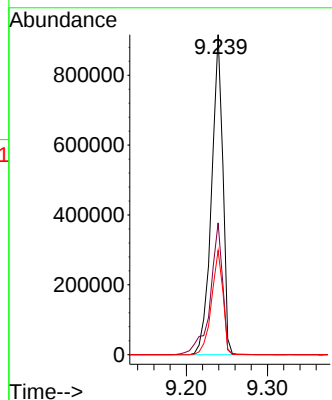
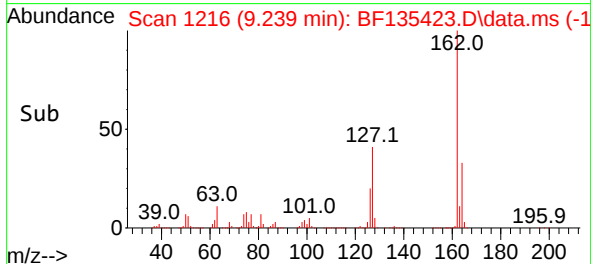


#47
2-Chloronaphthalene
Concen: 46.074 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :

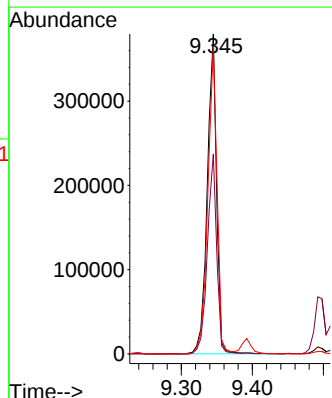
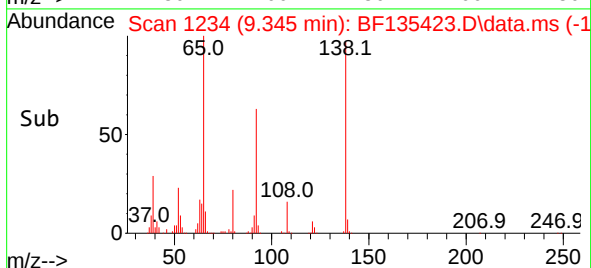
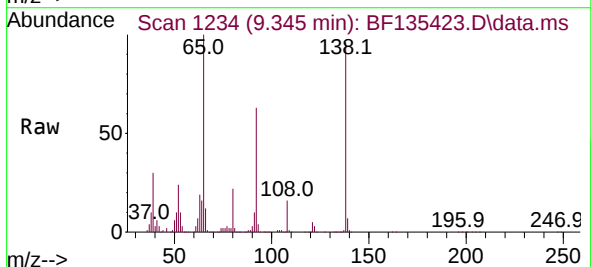


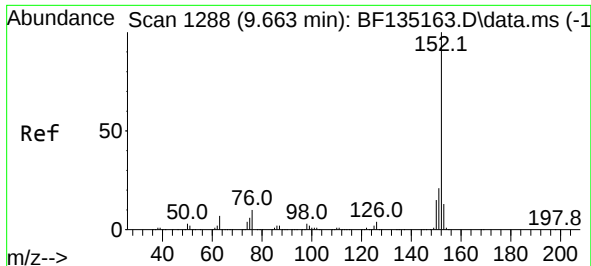
Tgt Ion:162 Resp: 882472
Ion Ratio Lower Upper
162 100
127 41.2 32.6 48.8
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 46.339 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion: 65 Resp: 344812
Ion Ratio Lower Upper
65 100
92 62.5 49.4 74.0
138 96.2 77.4 116.0





#49

Acenaphthylene

Concen: 42.884 ng

RT: 9.657 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

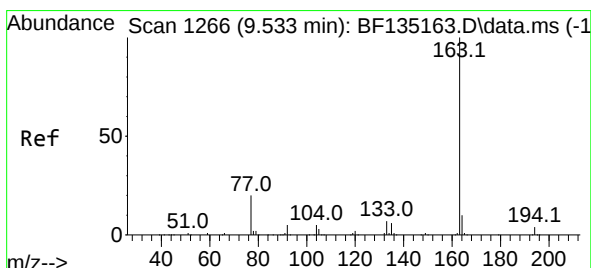
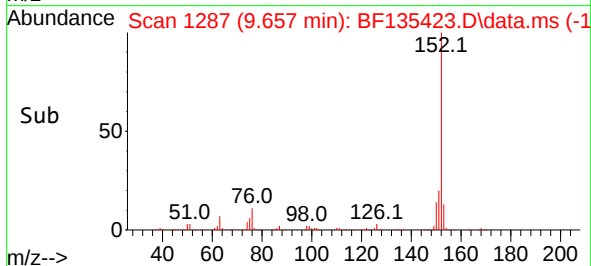
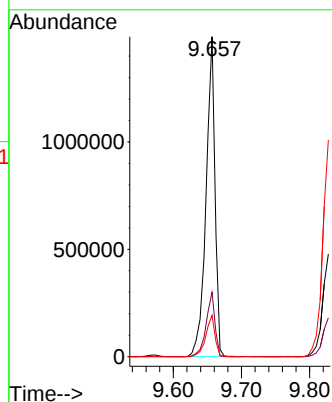
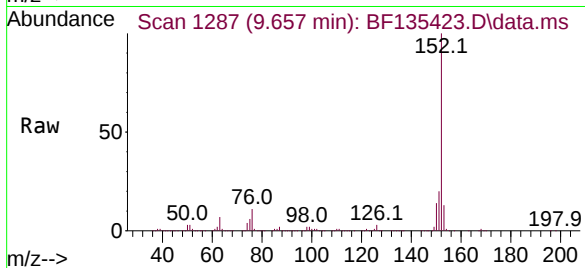
Tgt Ion:152 Resp: 1365073

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 43.838 ng

RT: 9.521 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

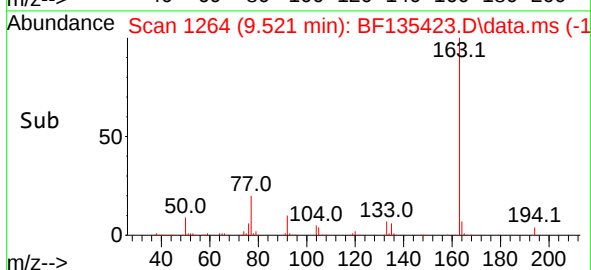
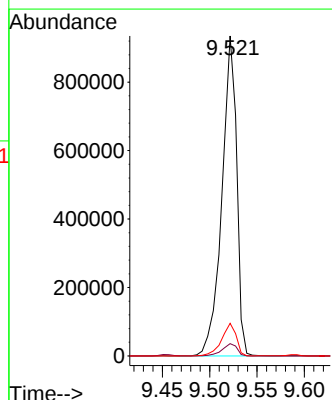
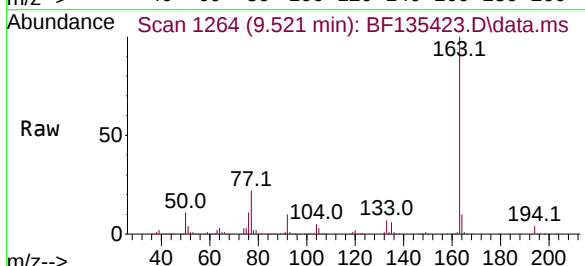
Tgt Ion:163 Resp: 1018119

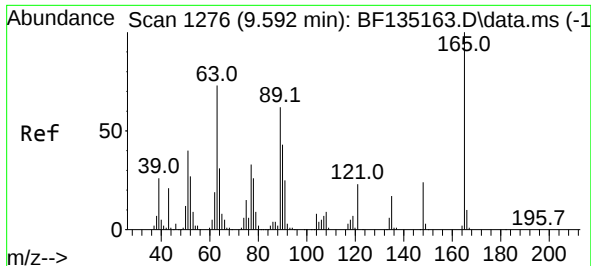
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

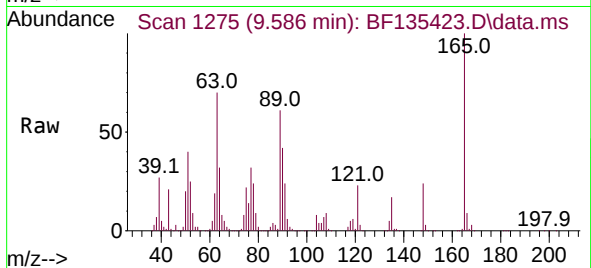
164 10.2 8.1 12.1



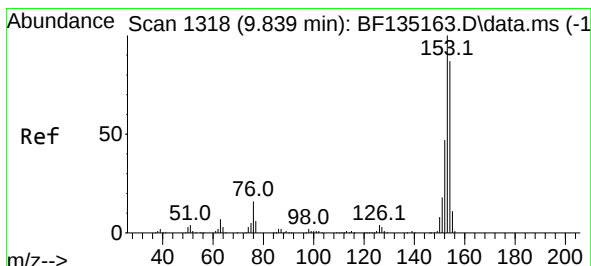
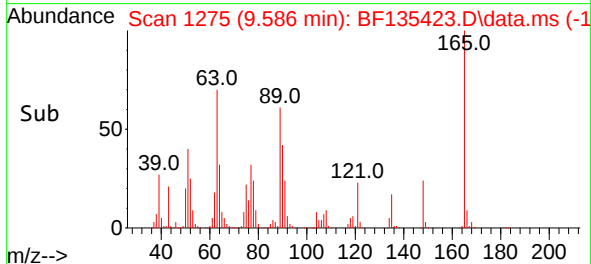
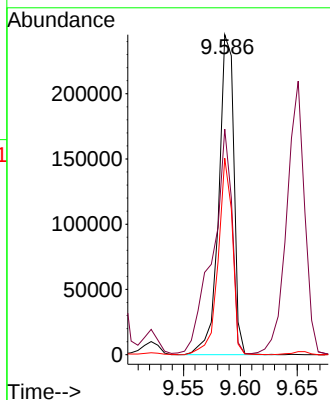


#51
2,6-Dinitrotoluene
Concen: 44.768 ng
RT: 9.586 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :

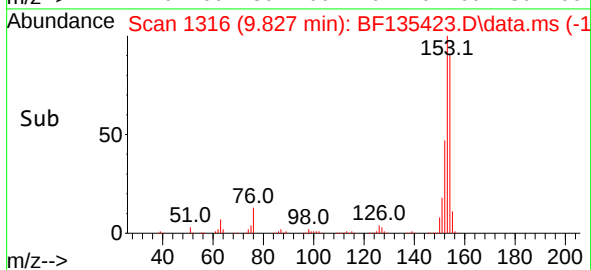
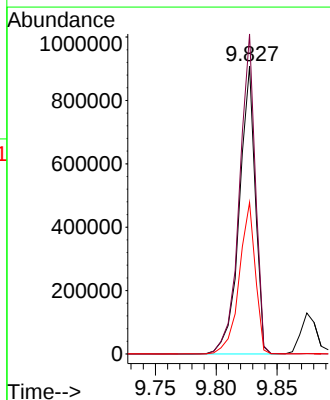
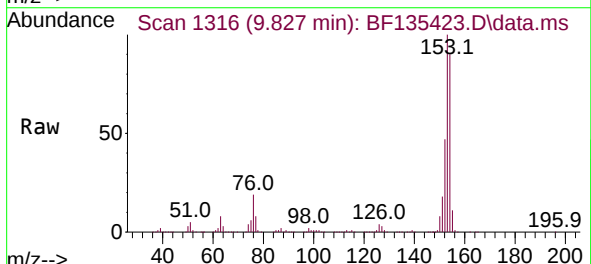


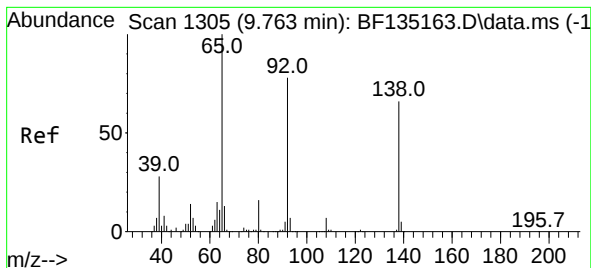
Tgt Ion:165 Resp: 227767
Ion Ratio Lower Upper
165 100
63 70.5 59.4 89.2
89 61.4 49.8 74.8



#52
Acenaphthene
Concen: 44.206 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion:154 Resp: 831268
Ion Ratio Lower Upper
154 100
153 111.2 92.1 138.1
152 52.7 43.1 64.7





#53

3-Nitroaniline

Concen: 33.307 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.000 min

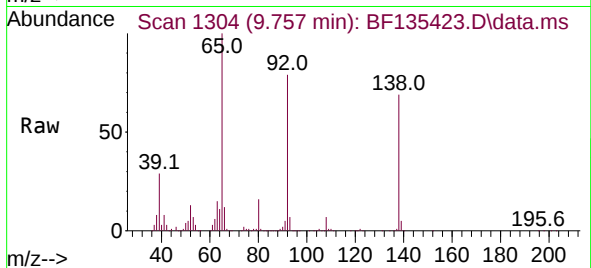
Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :



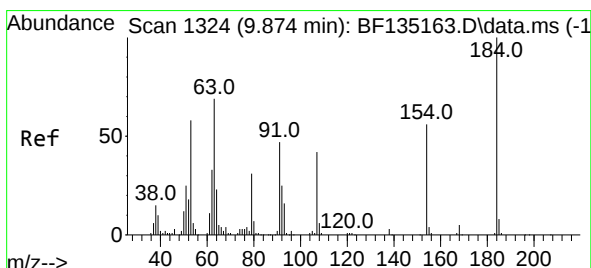
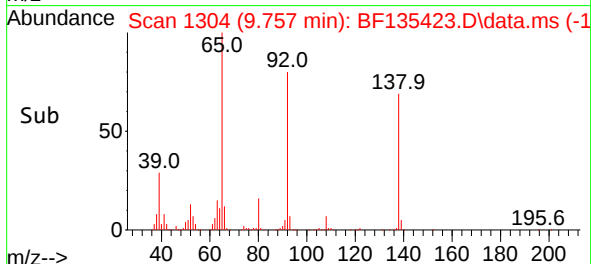
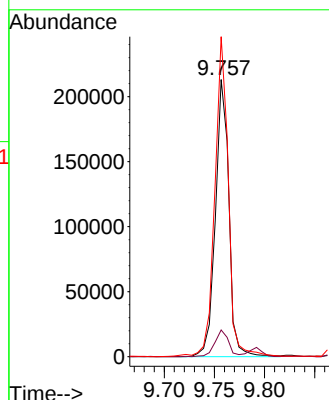
Tgt Ion:138 Resp: 198914

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

92 115.5 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 80.189 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

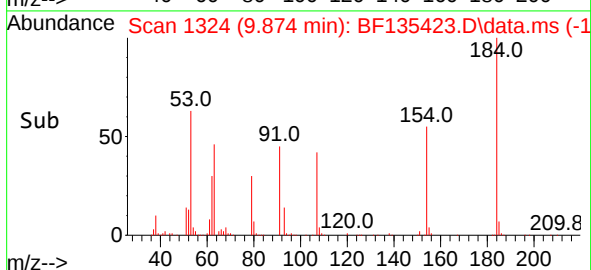
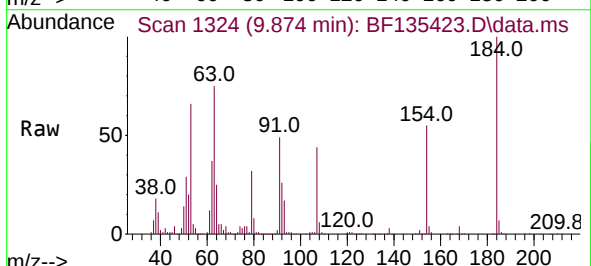
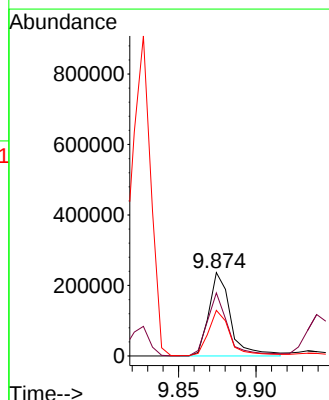
Tgt Ion:184 Resp: 231654

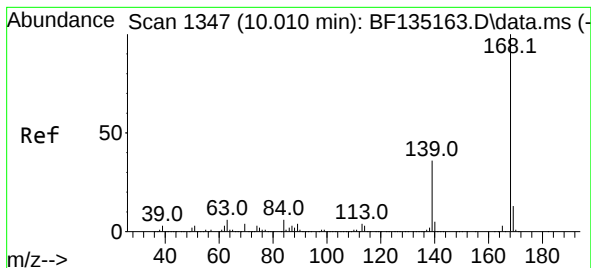
Ion Ratio Lower Upper

184 100

63 75.5 55.1 82.7

154 54.7 48.4 72.6

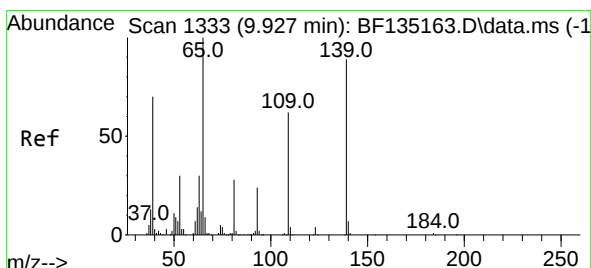
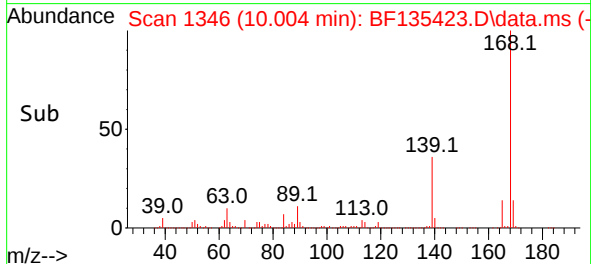
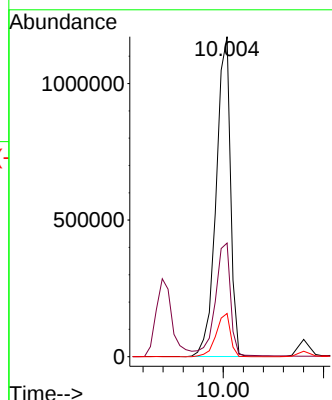
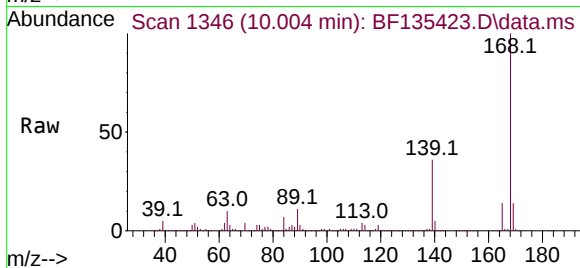




#55
Dibenzenofuran
Concen: 40.350 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

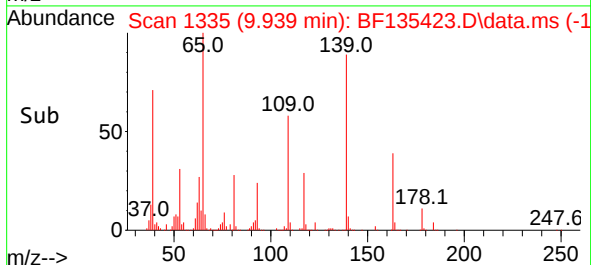
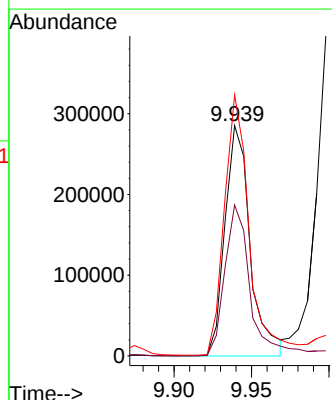
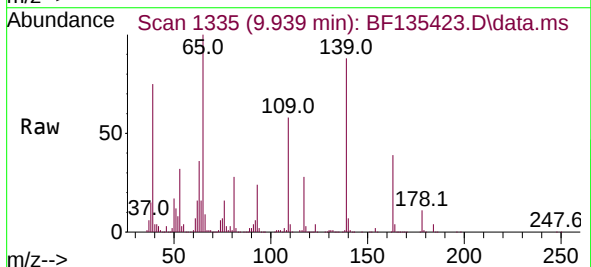
Instrument :
BNA_F
ClientSampleId :

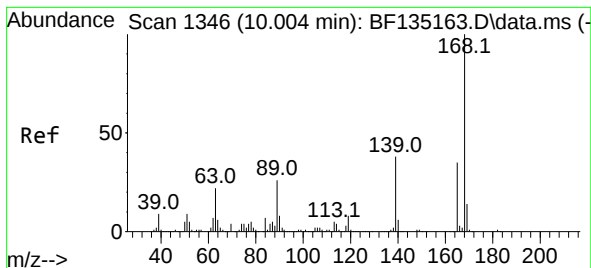
Tgt Ion:168 Resp: 1157851
Ion Ratio Lower Upper
168 100
139 35.5 29.0 43.6
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 84.714 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

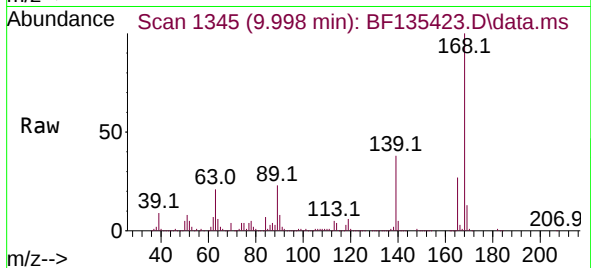
Tgt Ion:139 Resp: 321540
Ion Ratio Lower Upper
139 100
109 65.6 49.8 89.8
65 113.3 92.7 132.7



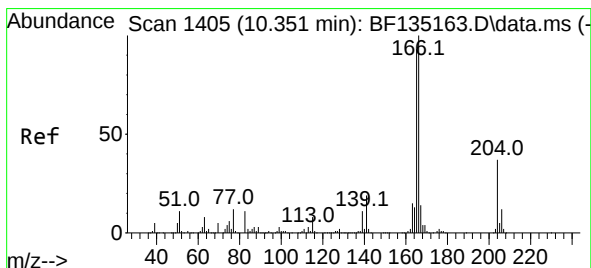
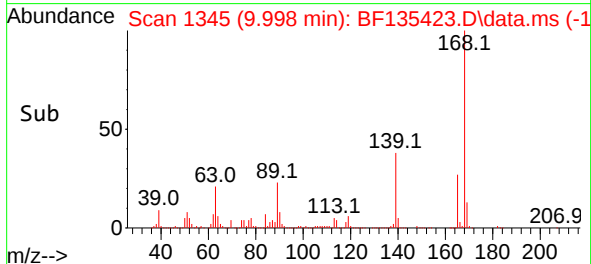
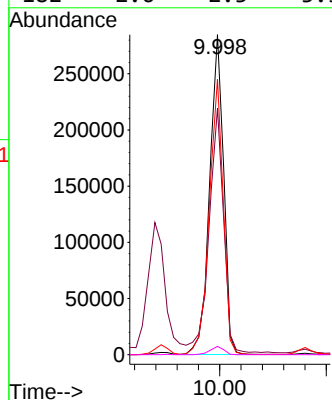


#57
2,4-Dinitrotoluene
Concen: 40.740 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :

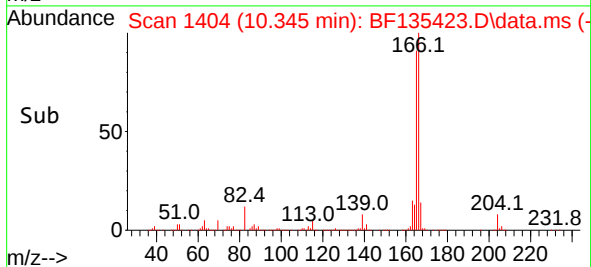
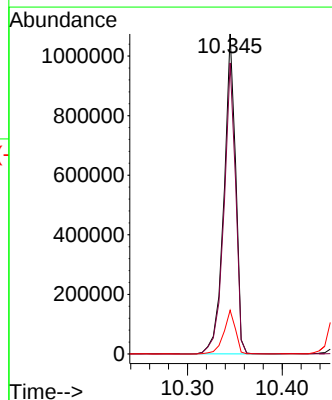
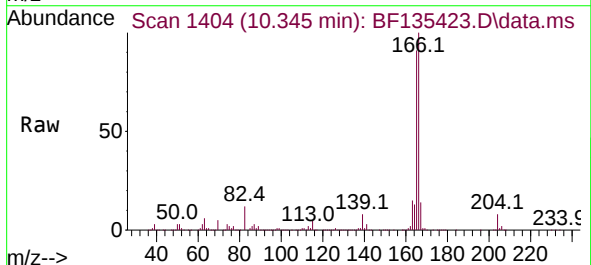


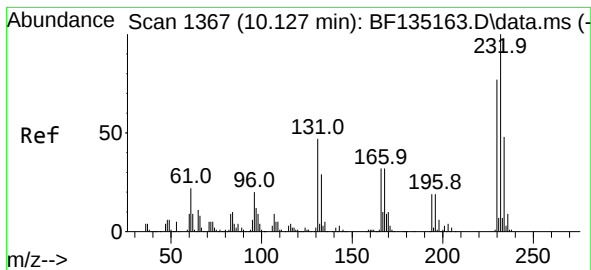
Tgt Ion:165 Resp: 259492
Ion Ratio Lower Upper
165 100
63 77.0 50.1 75.1#
89 86.2 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 41.776 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

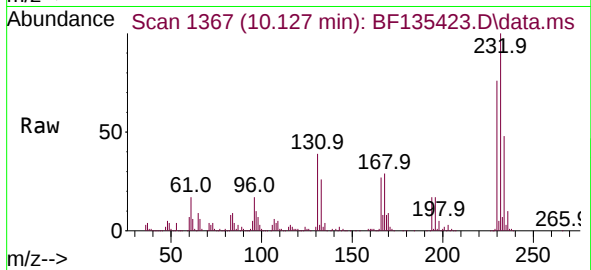
Tgt Ion:166 Resp: 921560
Ion Ratio Lower Upper
166 100
165 90.9 74.3 111.5
167 13.7 10.9 16.3



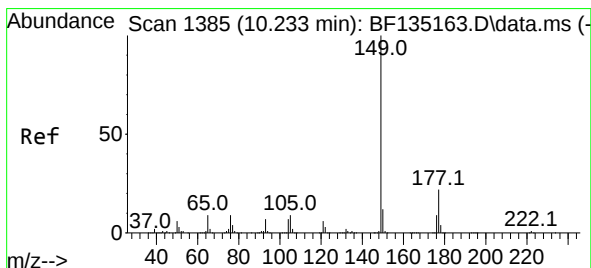
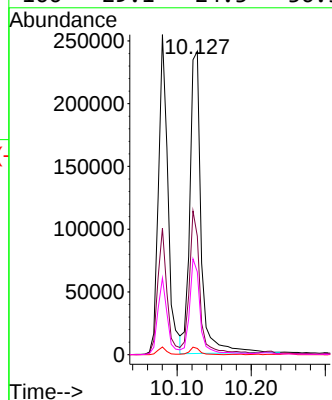
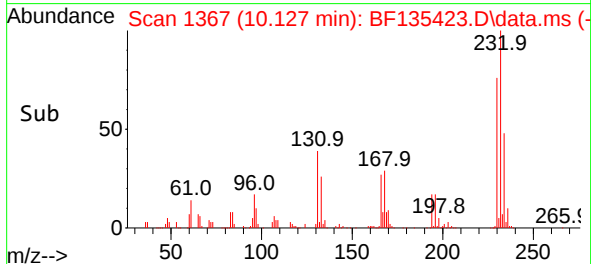


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.191 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

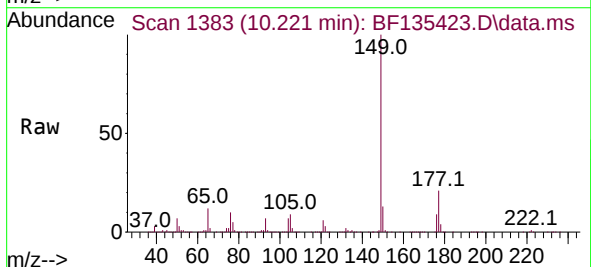
Instrument :
BNA_F
ClientSampleId :



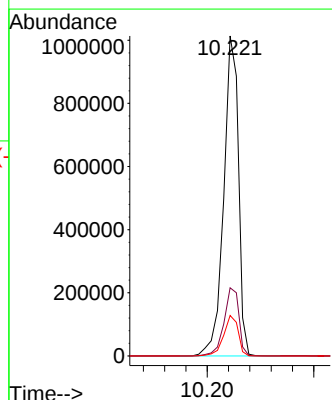
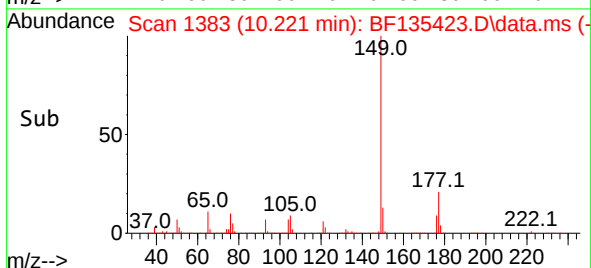
Tgt Ion:232 Resp: 255077
Ion Ratio Lower Upper
232 100
131 43.5 35.4 53.2
130 2.3 1.8 2.8
166 29.1 24.3 36.5

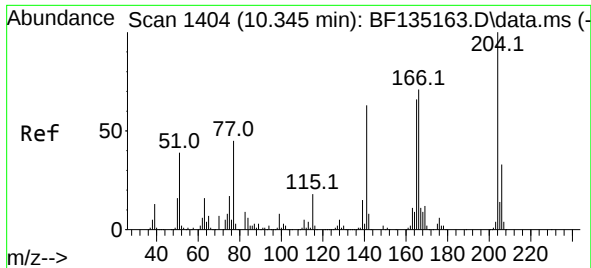


#60
Diethylphthalate
Concen: 41.640 ng
RT: 10.221 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11



Tgt Ion:149 Resp: 970547
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.6 10.0 15.0

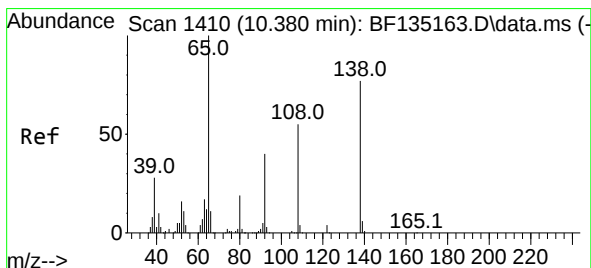
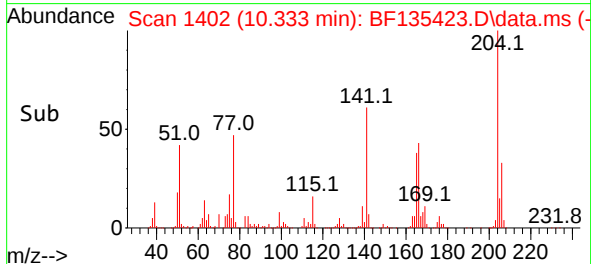
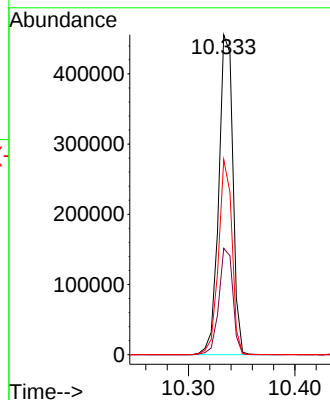
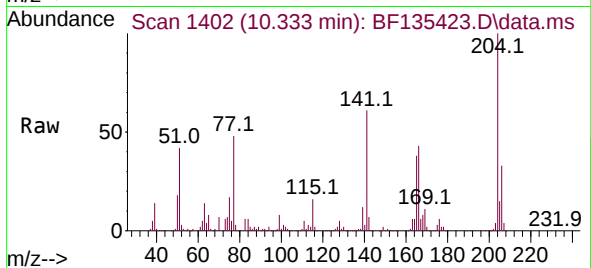




#61
4-Chlorophenyl-phenylether
Concen: 39.619 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

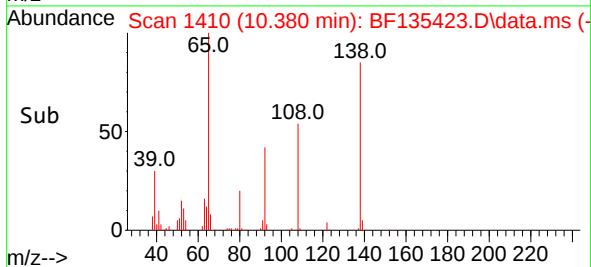
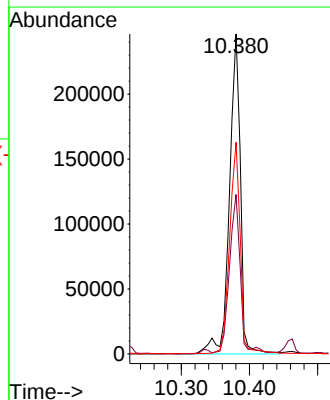
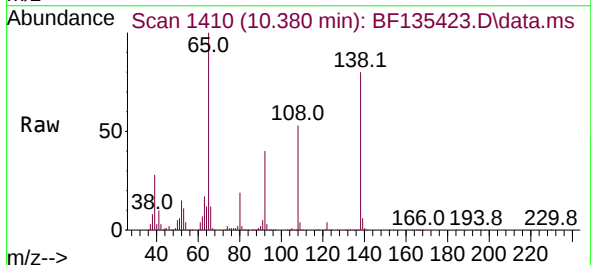
Instrument :
BNA_F
ClientSampleId :

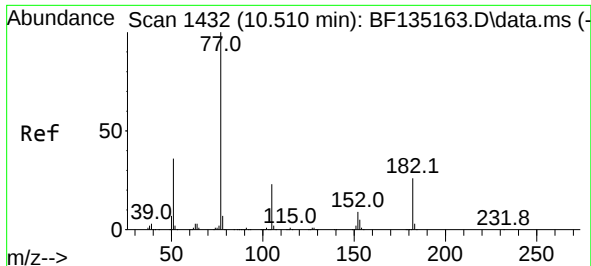
Tgt Ion:204 Resp: 419828
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 61.0 50.6 75.8



#62
4-Nitroaniline
Concen: 48.101 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion:138 Resp: 276133
Ion Ratio Lower Upper
138 100
92 49.8 31.8 71.8
108 66.1 52.0 92.0

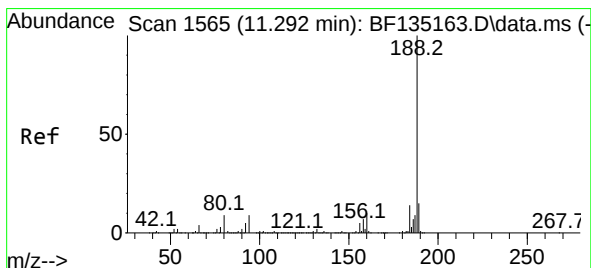
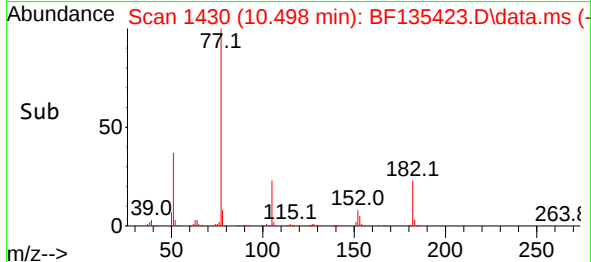
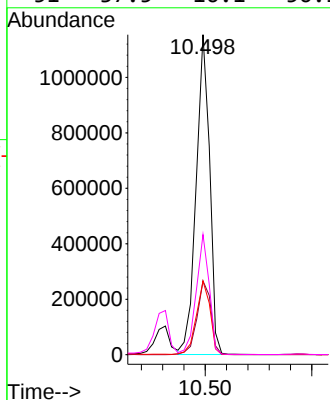
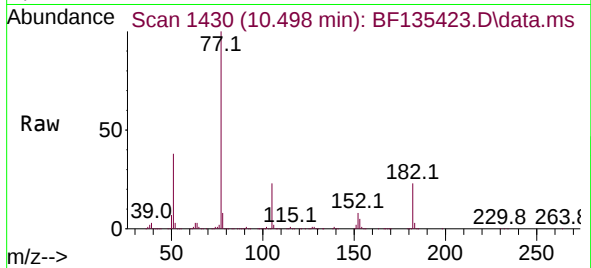




#63
Azobenzene
Concen: 44.584 ng
RT: 10.498 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

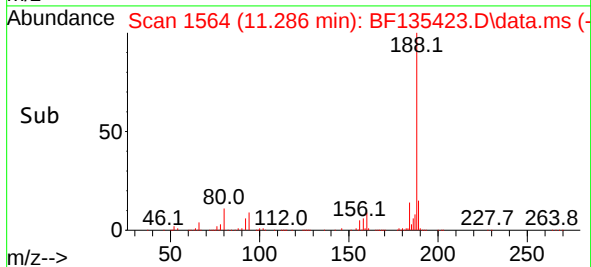
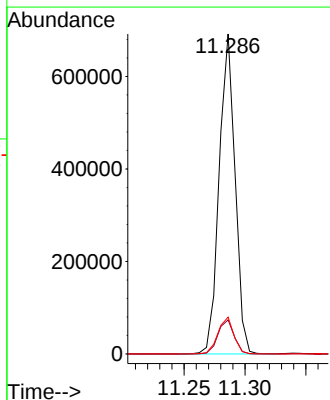
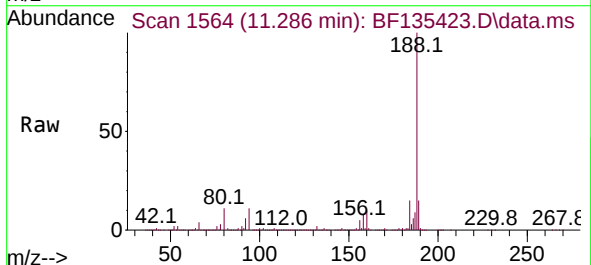
Instrument :
BNA_F
ClientSampleId :

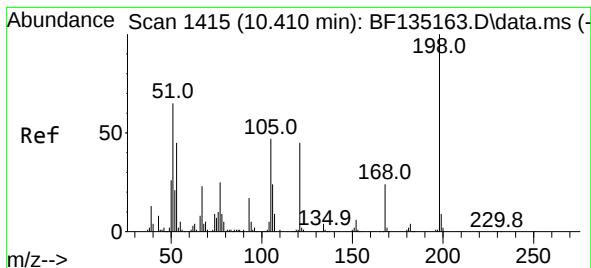
Tgt Ion: 77 Resp: 1017035
Ion Ratio Lower Upper
77 100
182 23.0 6.4 46.4
105 23.0 3.1 43.1
51 37.5 16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion: 188 Resp: 630317
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 11.5 7.5 11.3#

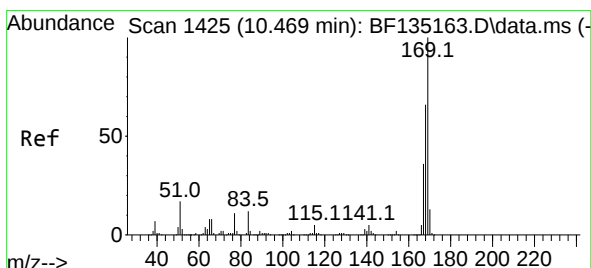
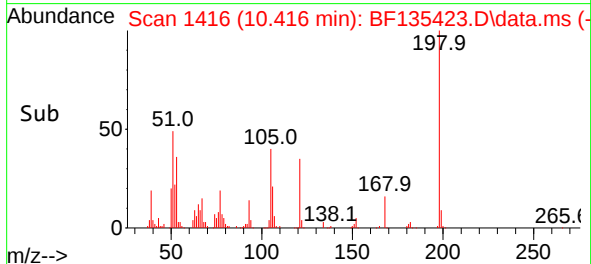
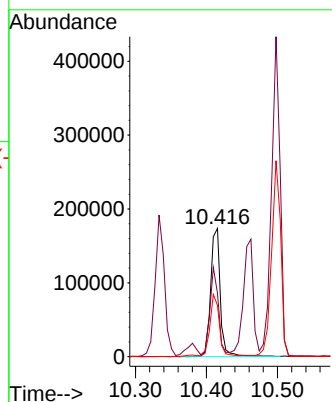
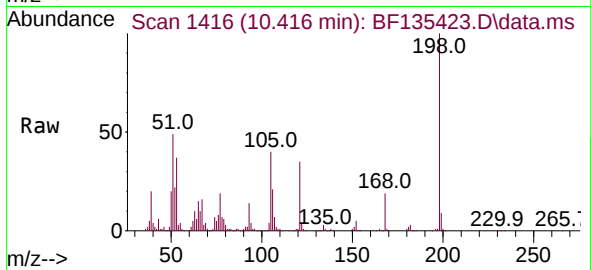




#65
4,6-Dinitro-2-methylphenol
Concen: 49.468 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

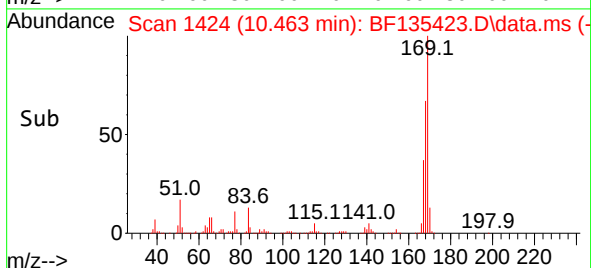
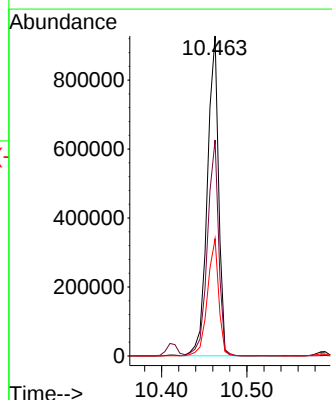
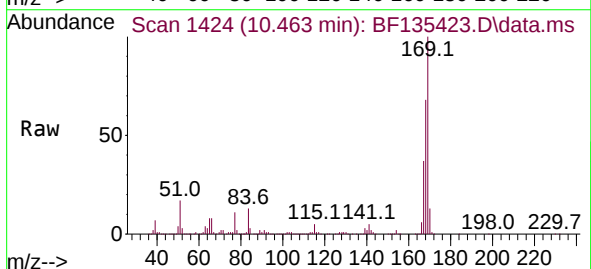
Instrument :
BNA_F
ClientSampleId :

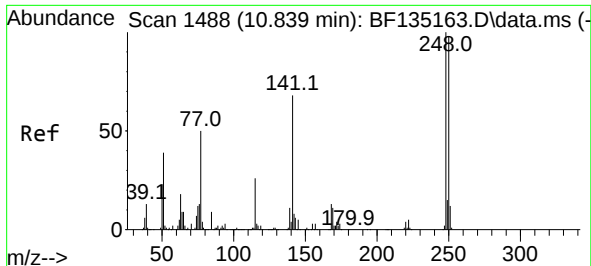
Tgt Ion:198 Resp: 165610
Ion Ratio Lower Upper
198 100
51 49.3 47.7 87.7
105 40.0 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 44.506 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion:169 Resp: 849291
Ion Ratio Lower Upper
169 100
168 67.5 52.8 79.2
167 36.7 29.0 43.6

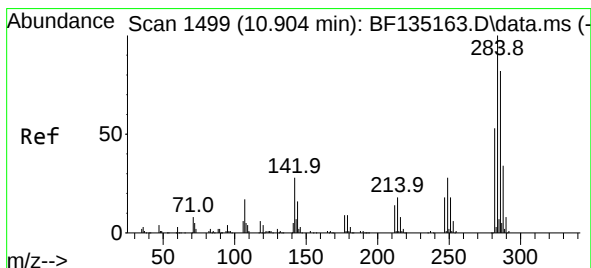
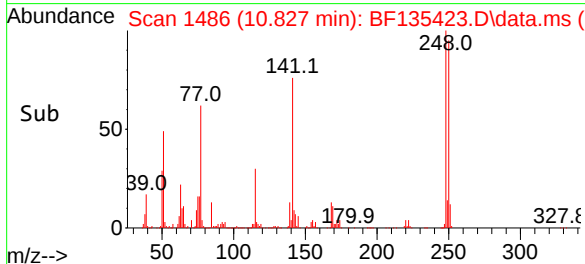
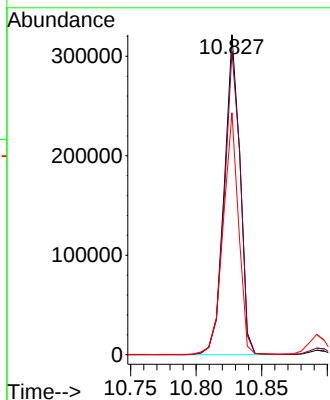
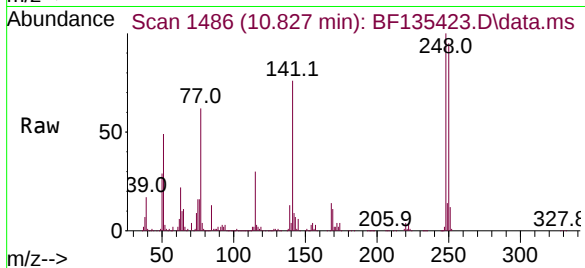




#67
4-Bromophenyl-phenylether
Concen: 42.895 ng
RT: 10.827 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

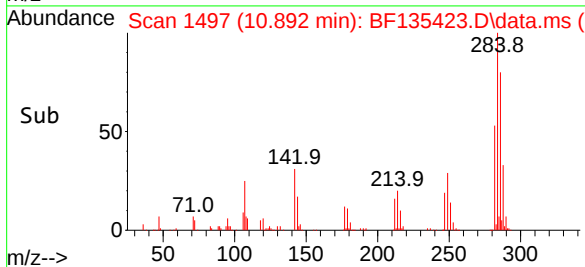
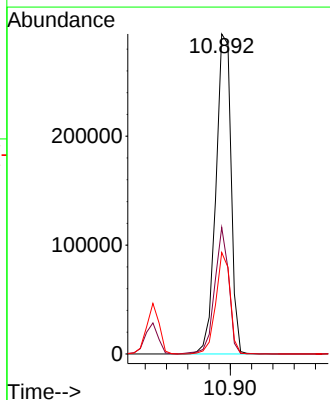
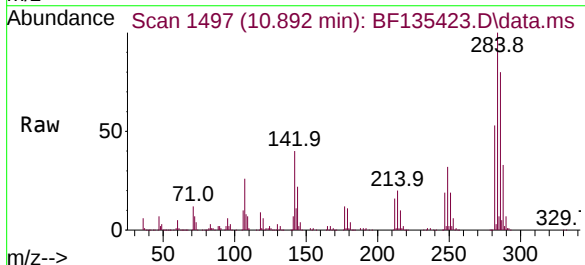
Instrument :
BNA_F
ClientSampleId :

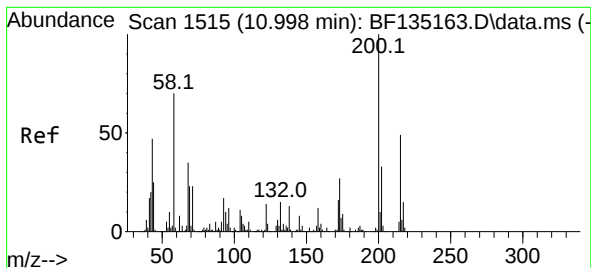
Tgt Ion:248 Resp: 268910
Ion Ratio Lower Upper
248 100
250 94.8 78.6 117.8
141 75.6 54.2 81.2



#68
Hexachlorobenzene
Concen: 45.444 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion:284 Resp: 290233
Ion Ratio Lower Upper
284 100
142 39.6 22.2 33.4#
249 31.7 22.5 33.7





#69

Atrazine

Concen: 52.053 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

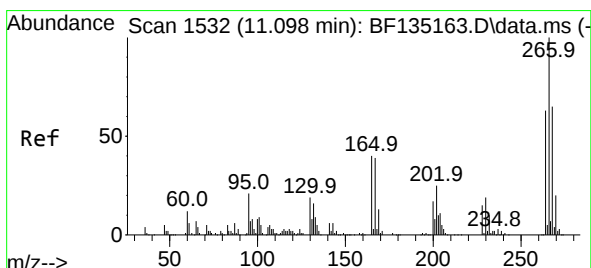
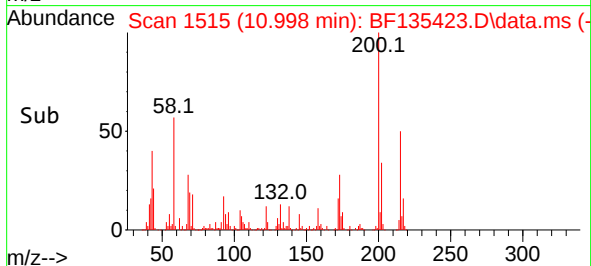
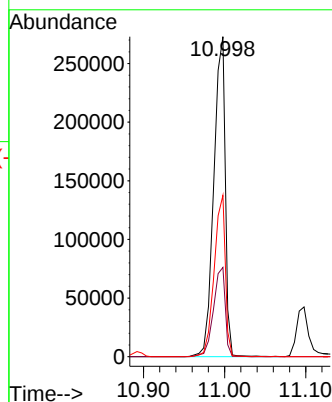
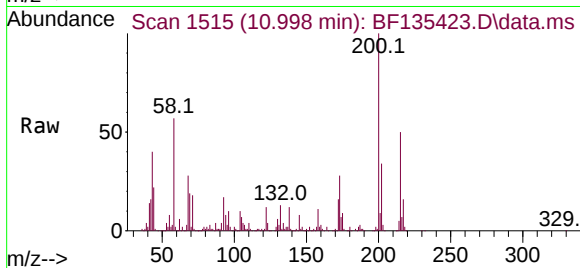
Tgt Ion:200 Resp: 267273

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 50.4 28.6 68.6



#70

Pentachlorophenol

Concen: 71.442 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

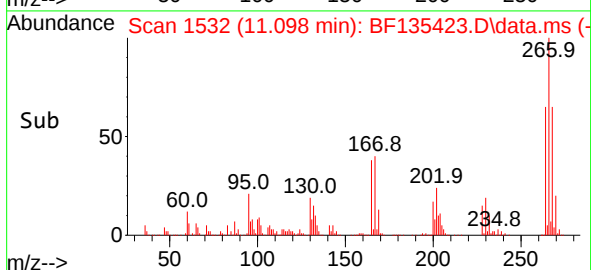
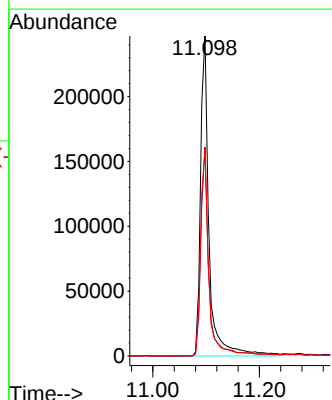
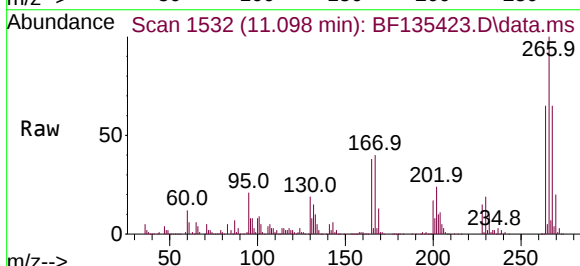
Tgt Ion:266 Resp: 272988

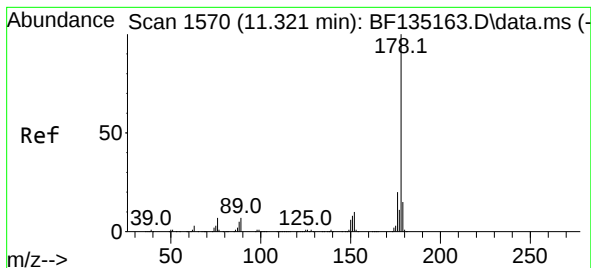
Ion Ratio Lower Upper

266 100

268 65.2 52.1 78.1

264 65.2 50.8 76.2





#71

Phenanthrene

Concen: 44.962 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

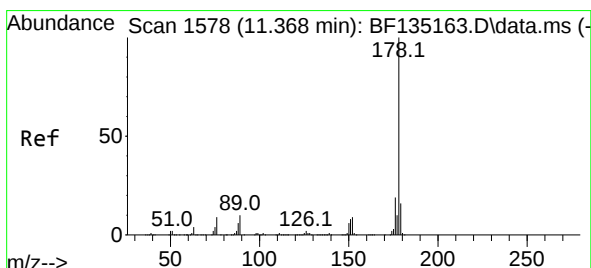
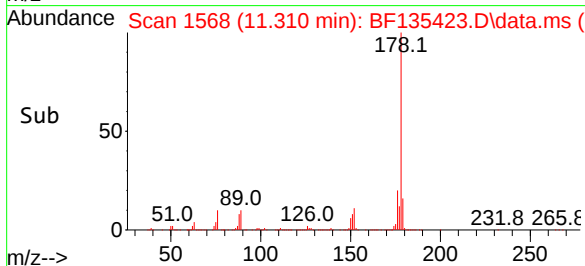
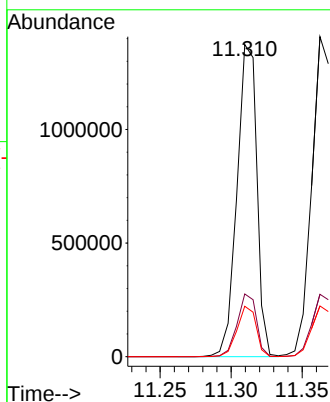
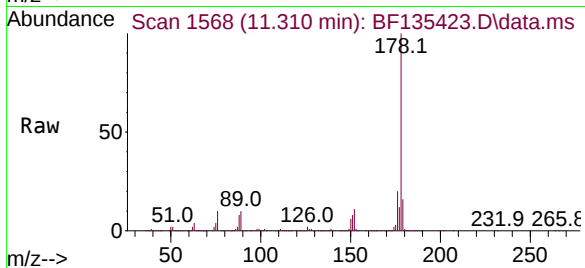
Tgt Ion:178 Resp: 1340363

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

179 16.1 12.0 18.0



#72

Anthracene

Concen: 44.941 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

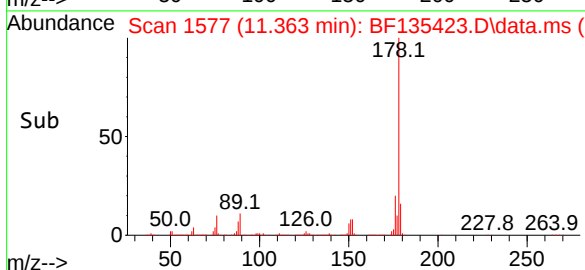
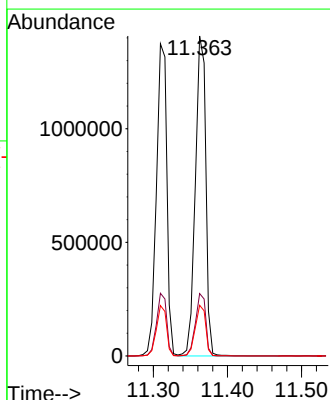
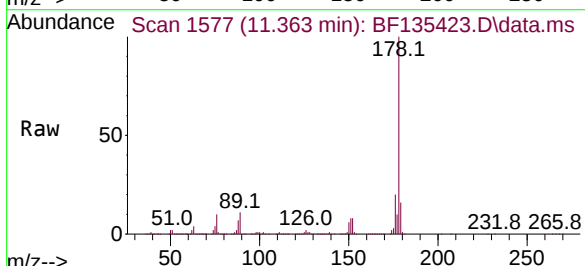
Tgt Ion:178 Resp: 1377121

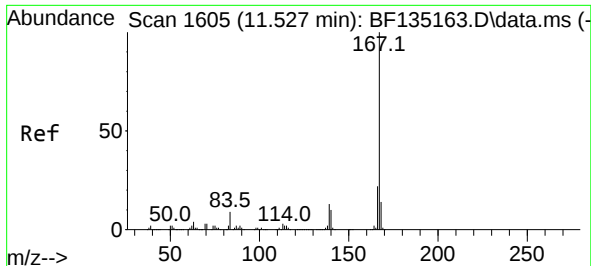
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

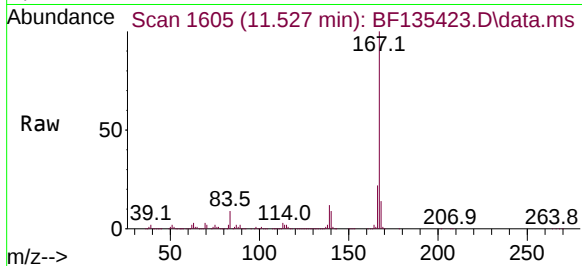
179 15.9 12.6 19.0





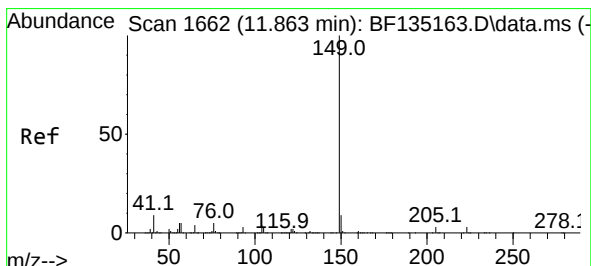
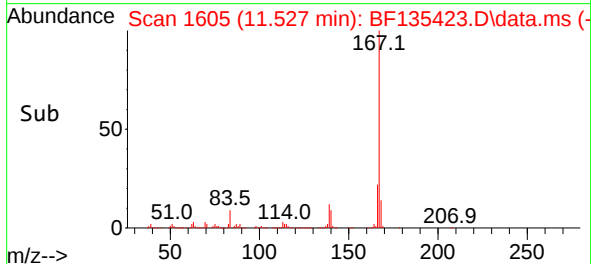
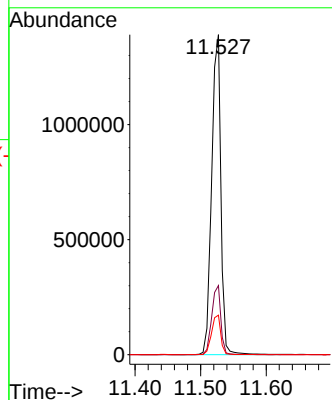
#73
 Carbazole
 Concen: 48.693 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.006 min
 Lab File: BF135423.D
 Acq: 25 Sep 2023 13:11

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:167 Resp: 1358289

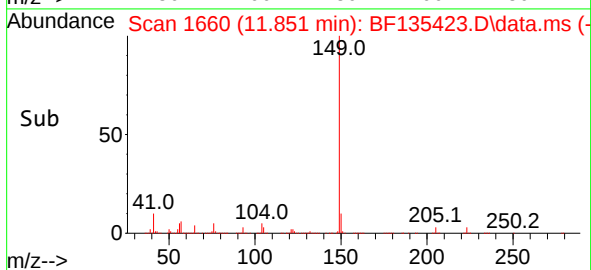
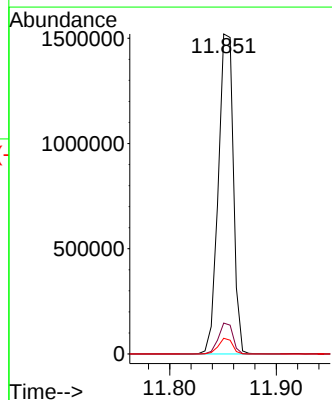
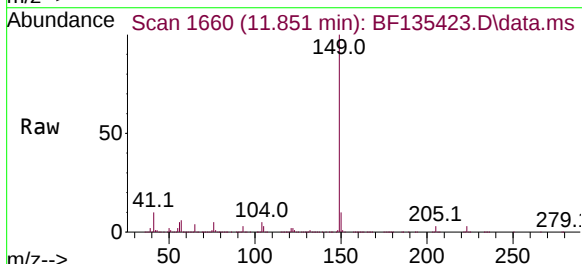
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	12.4	10.6	15.8

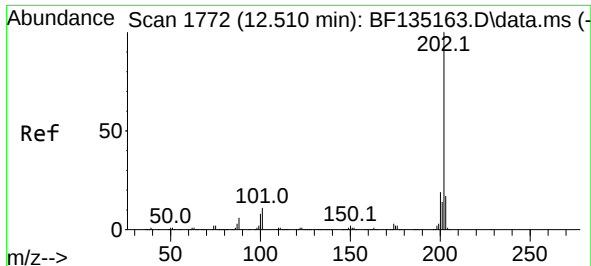


#74
 Di-n-butylphthalate
 Concen: 45.286 ng
 RT: 11.851 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF135423.D
 Acq: 25 Sep 2023 13:11

Tgt Ion:149 Resp: 1488538

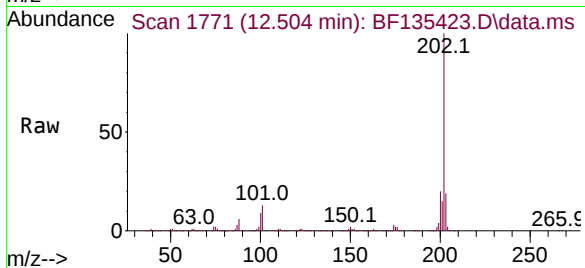
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.0
104	4.9	3.6	5.4



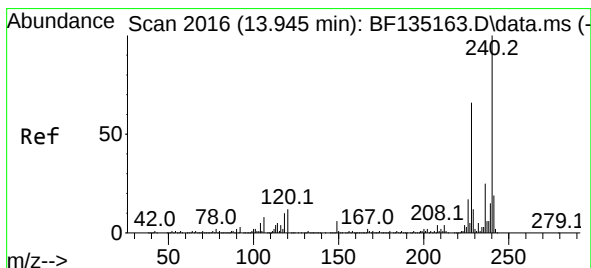
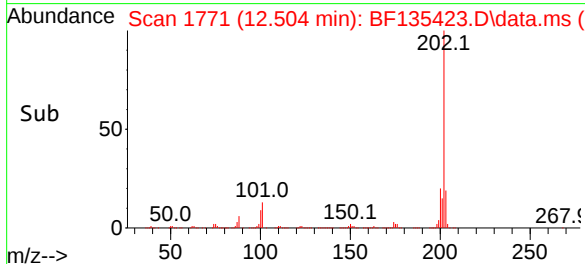
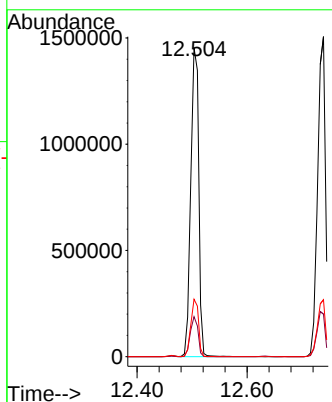


#75
Fluoranthene
Concen: 46.826 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :

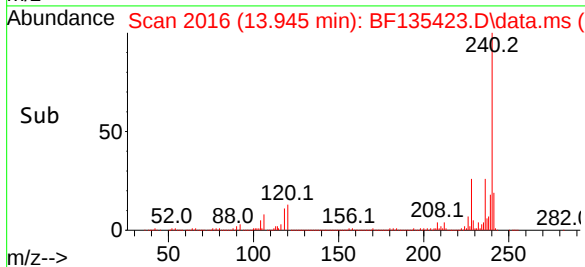
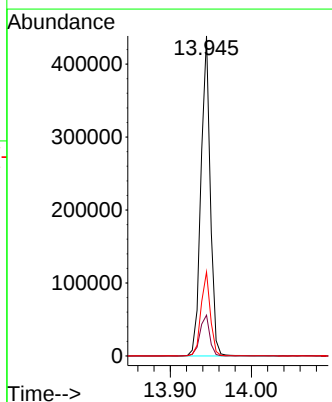
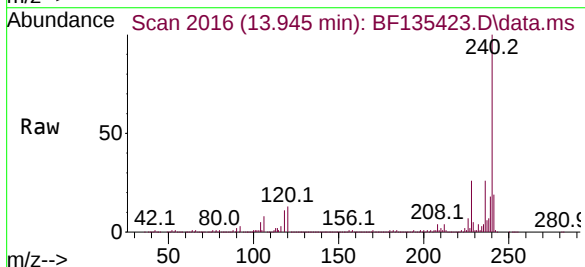


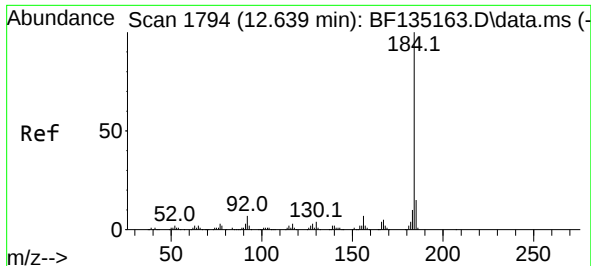
Tgt Ion:202 Resp: 1454557
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.3
203 18.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

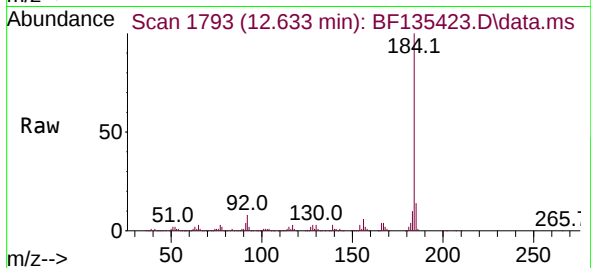
Tgt Ion:240 Resp: 349730
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.2
236 26.3 19.8 29.8



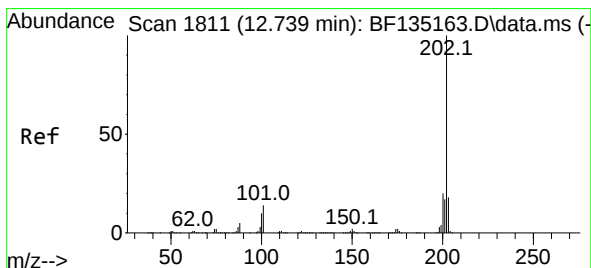
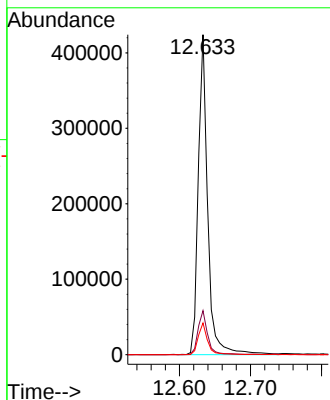
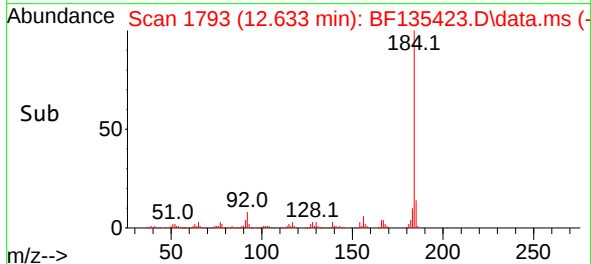


#77
Benzidine
Concen: 54.874 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :

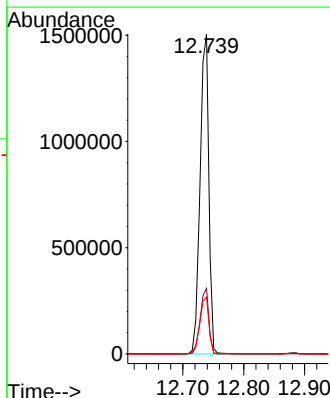
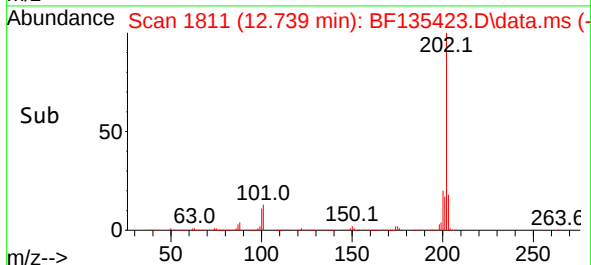
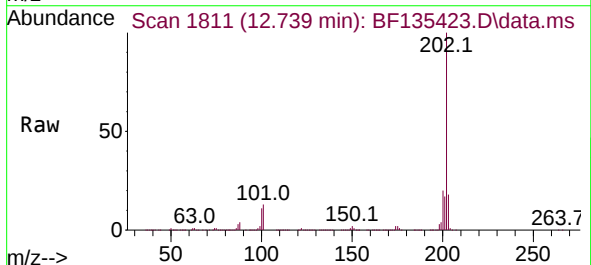


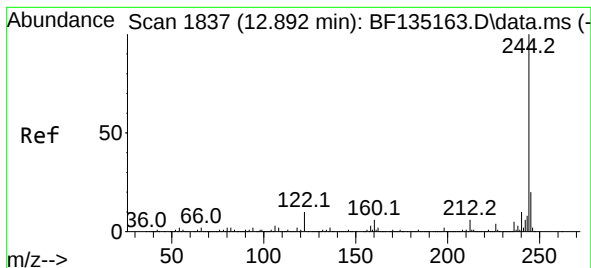
Tgt Ion:184 Resp: 393168
Ion Ratio Lower Upper
184 100
185 13.7 11.7 17.5
183 9.9 8.2 12.4



#78
Pyrene
Concen: 44.865 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion:202 Resp: 1493864
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 78.388 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.000 min

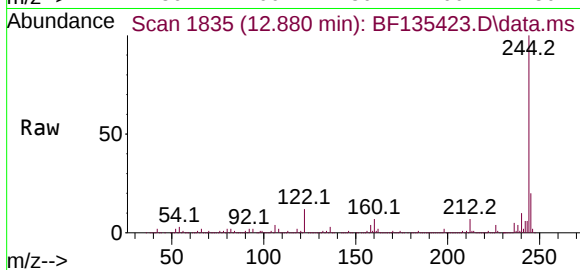
Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :



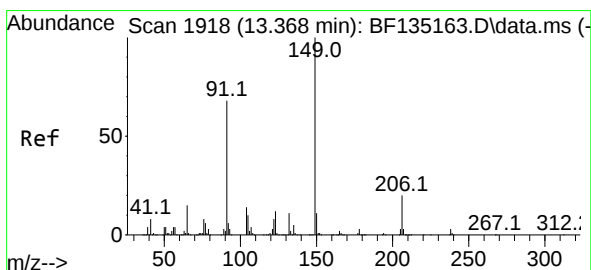
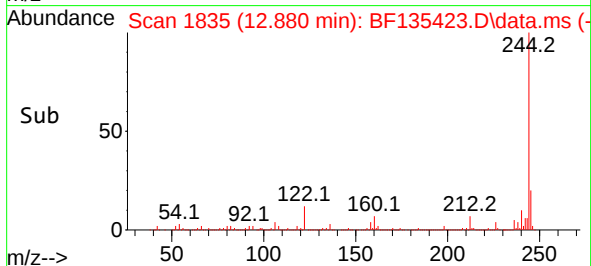
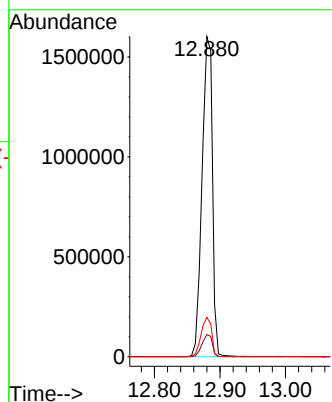
Tgt Ion:244 Resp: 1768469

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 12.3 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 50.947 ng

RT: 13.356 min Scan# 1916

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

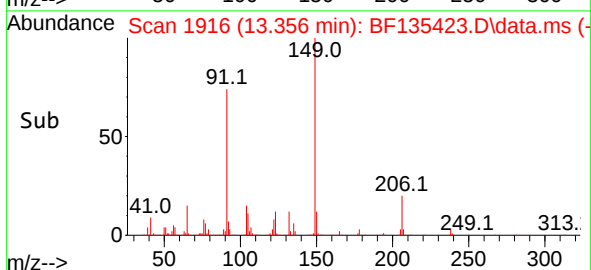
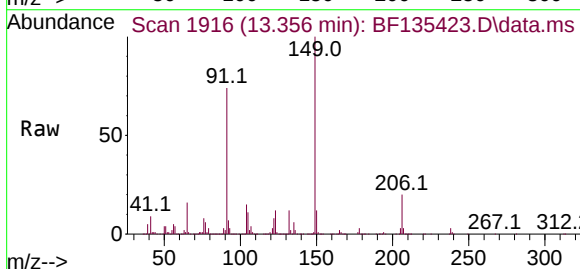
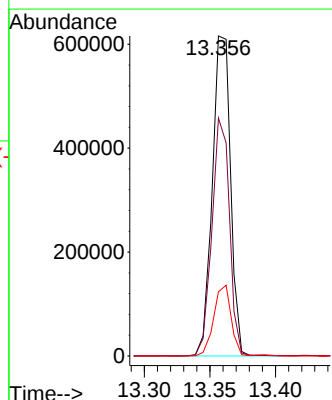
Tgt Ion:149 Resp: 597271

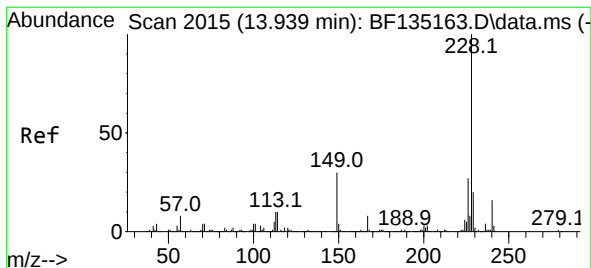
Ion Ratio Lower Upper

149 100

91 74.4 54.7 82.1

206 20.1 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.069 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.000 min

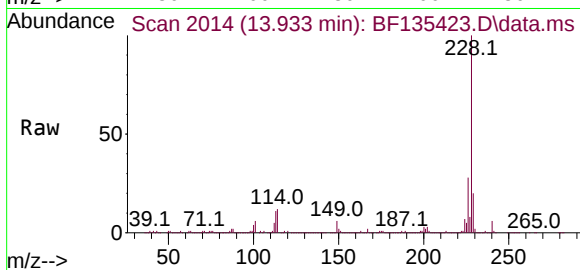
Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :



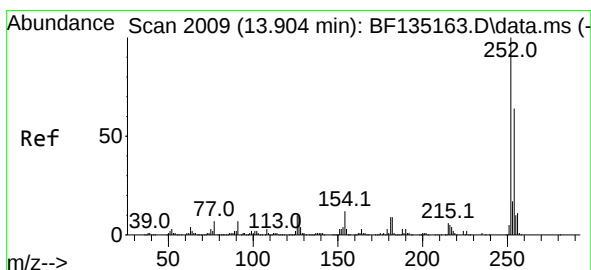
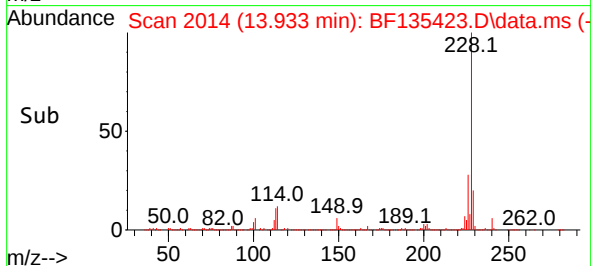
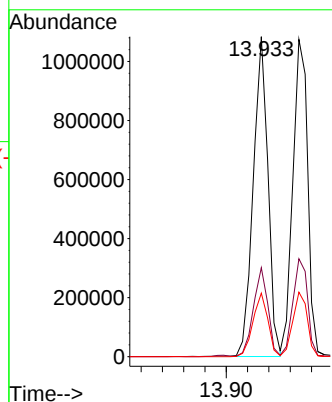
Tgt Ion:228 Resp: 1040375

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: 36.019 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

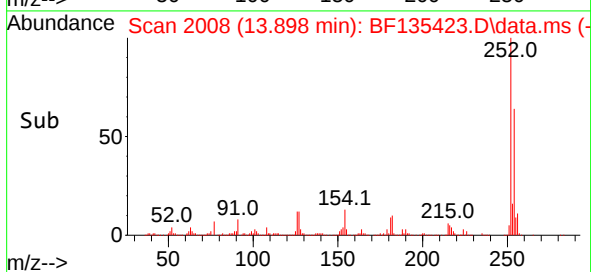
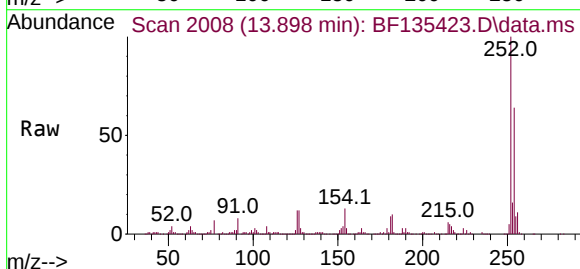
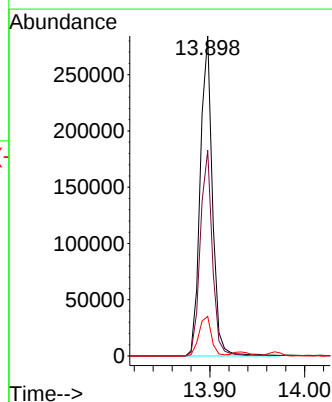
Tgt Ion:252 Resp: 254077

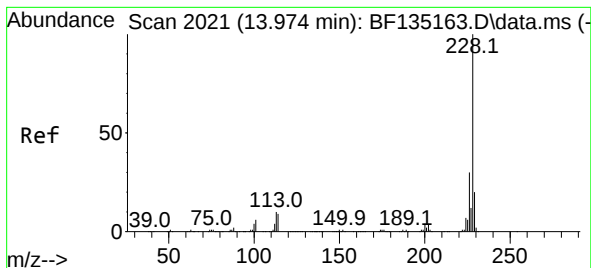
Ion Ratio Lower Upper

252 100

254 64.2 51.0 76.4

126 12.3 7.8 11.8#





#83

Chrysene

Concen: 46.559 ng

RT: 13.968 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

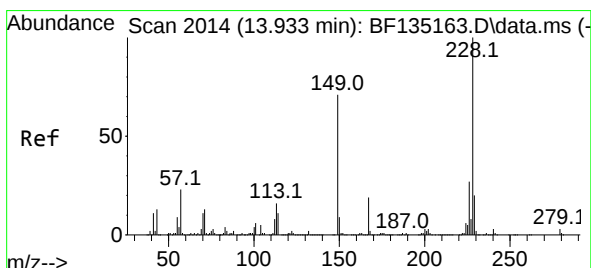
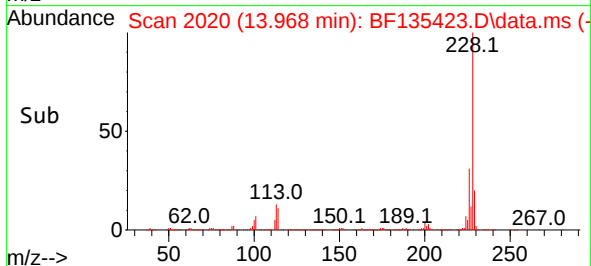
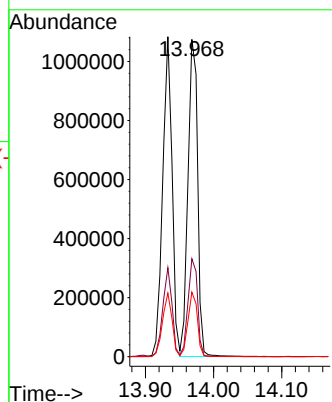
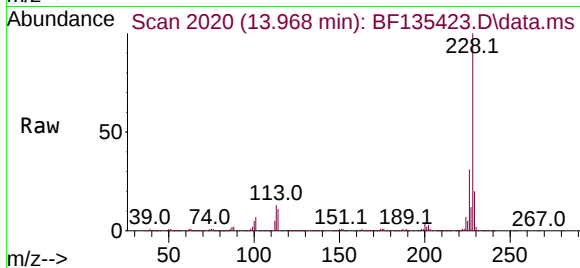
Tgt Ion:228 Resp: 1045371

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.219 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

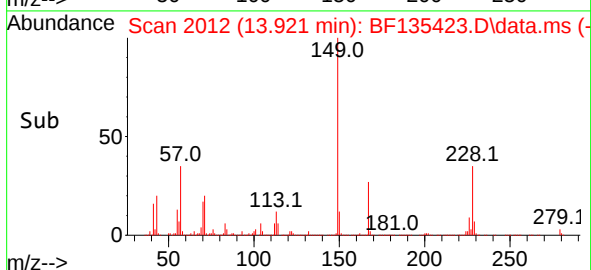
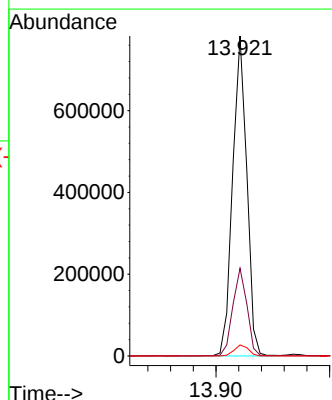
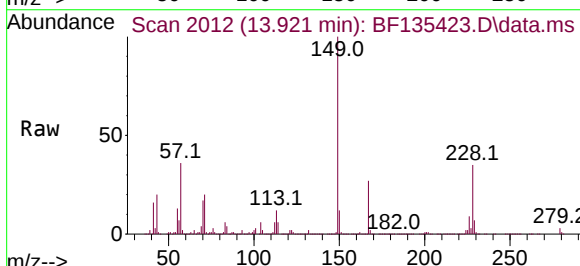
Tgt Ion:149 Resp: 676328

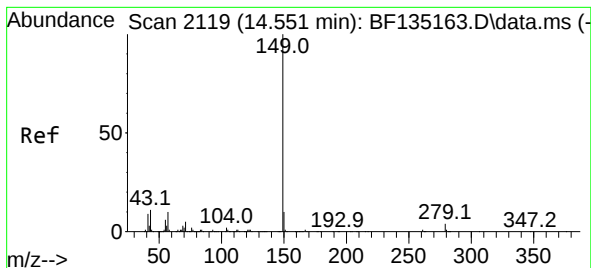
Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.936 ng

RT: 14.539 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

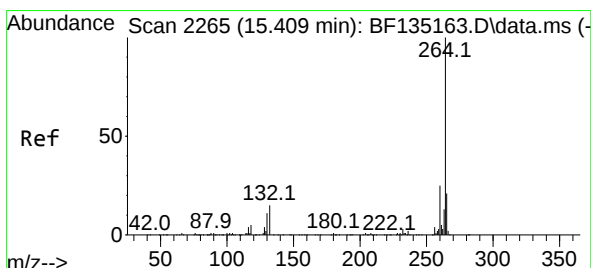
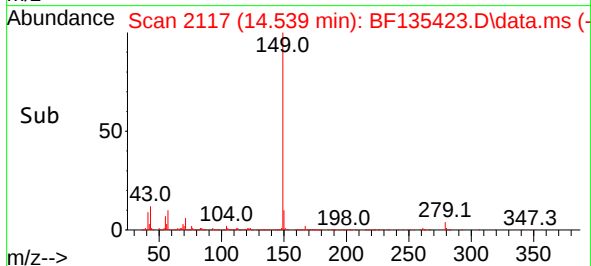
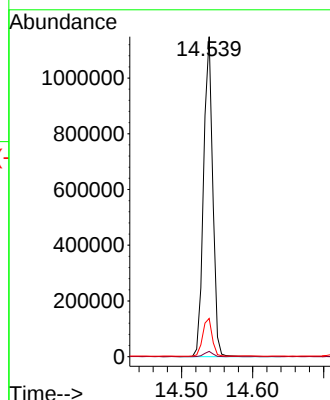
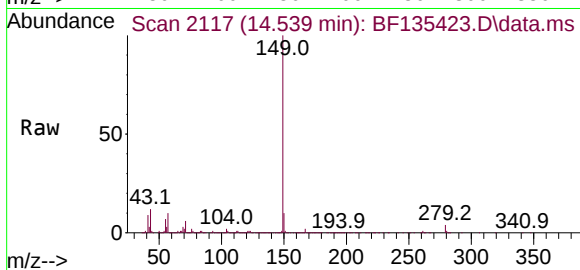
Tgt Ion:149 Resp: 1031160

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.3 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.403 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

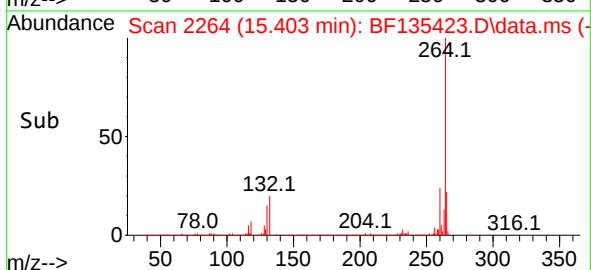
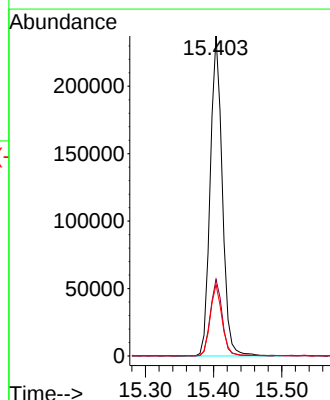
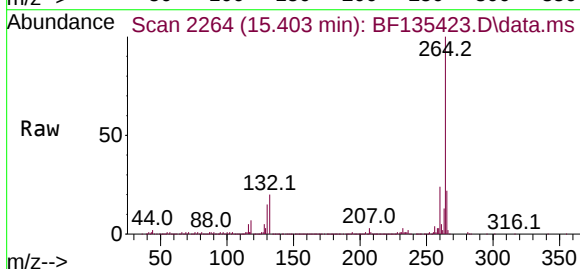
Tgt Ion:264 Resp: 292246

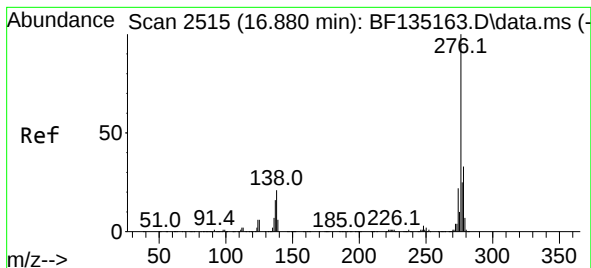
Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 22.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.565 ng

RT: 16.892 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

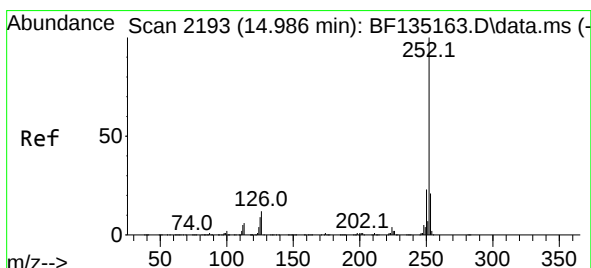
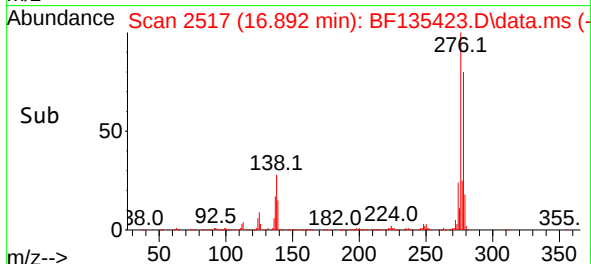
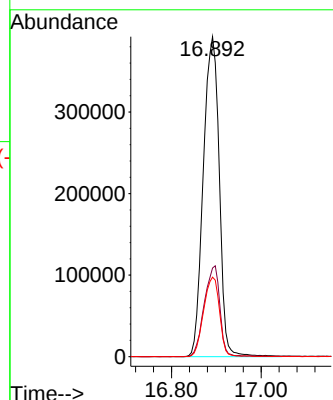
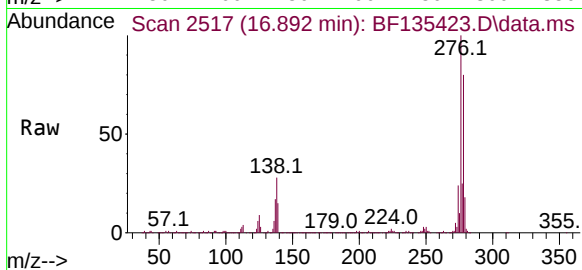
Tgt Ion:276 Resp: 968914

Ion Ratio Lower Upper

276 100

138 27.7 19.2 28.8

277 24.7 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 55.001 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

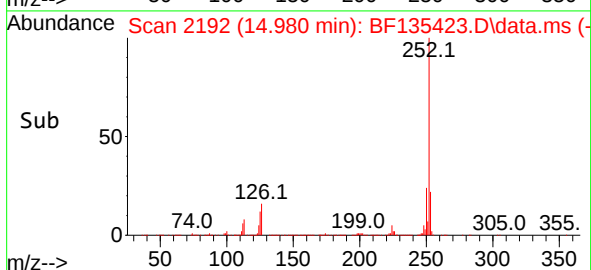
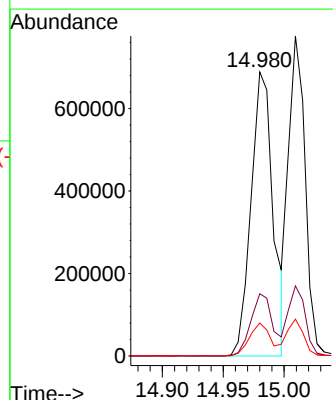
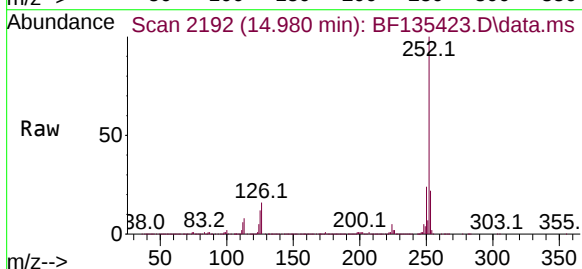
Tgt Ion:252 Resp: 870140

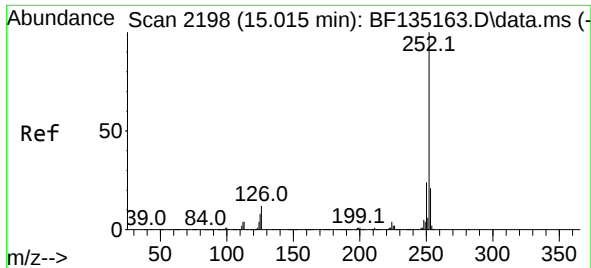
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 11.6 7.1 10.7#

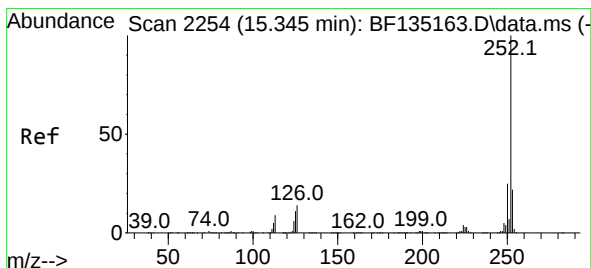
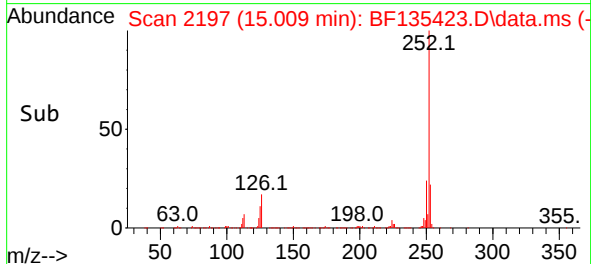
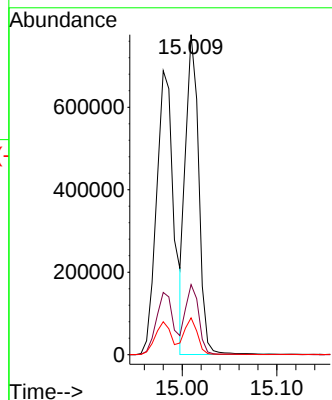
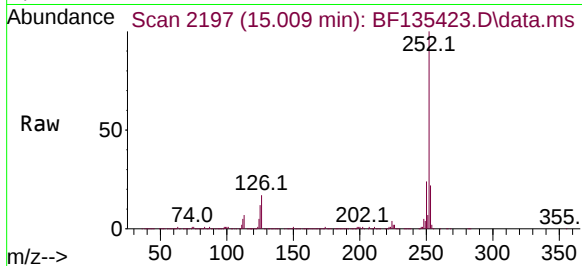




#89
Benzo(k)fluoranthene
Concen: 47.748 ng
RT: 15.009 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

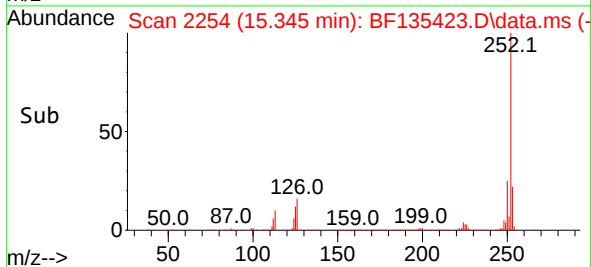
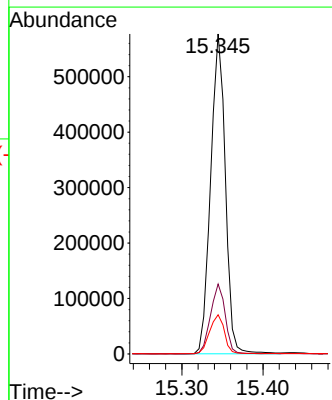
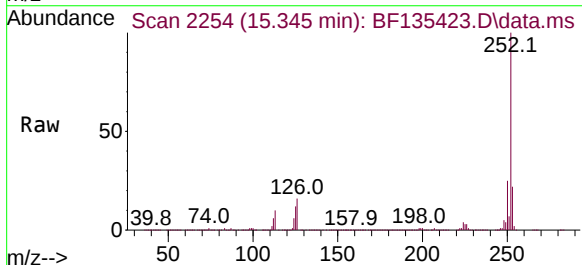
Instrument :
BNA_F
ClientSampleId :

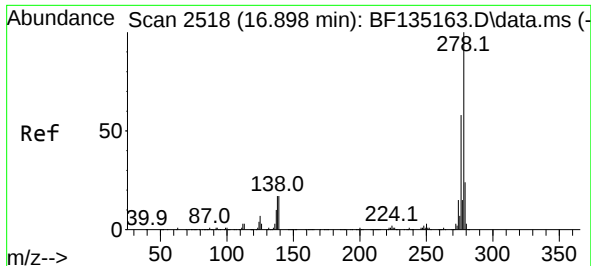
Tgt Ion:252 Resp: 746187
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.5 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 48.011 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion:252 Resp: 724339
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 12.2 9.2 13.8

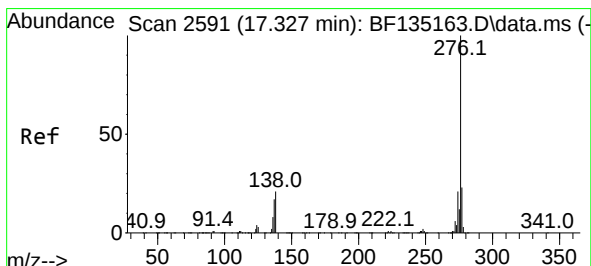
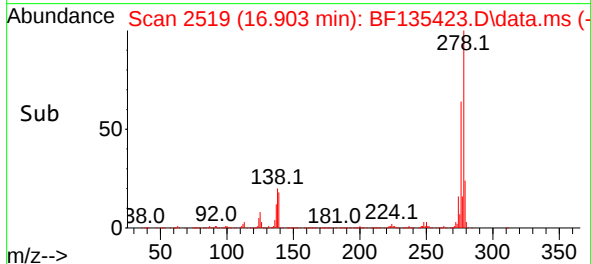
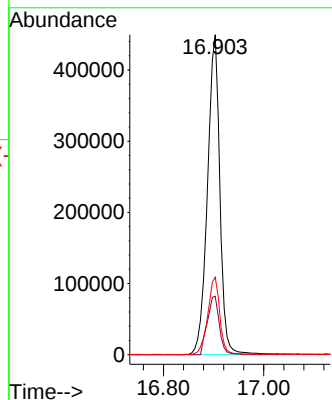
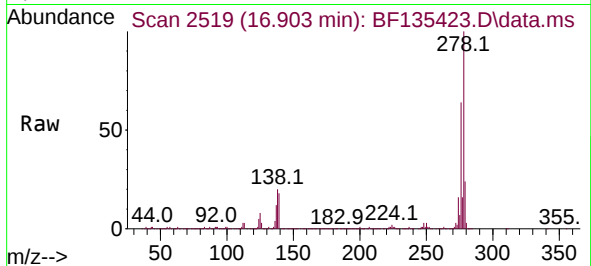




#91
Dibenzo(a,h)anthracene
Concen: 49.475 ng
RT: 16.903 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 775684
Ion Ratio Lower Upper
278 100
139 18.2 13.4 20.0
279 24.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 51.927 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF135423.D
Acq: 25 Sep 2023 13:11

Tgt Ion:276 Resp: 850247
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 23.9 16.9 25.3

