

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135589.D
 Acq On : 05 Oct 2023 01:30
 Operator : CG\JU
 Sample : 04657-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMPMSD

Quant Time: Oct 05 06:49:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	146971	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	570489	20.000	ng	# 0.00
39) Acenaphthene-d10	9.774	164	281589	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	544236	20.000	ng	0.00
76) Chrysene-d12	13.927	240	265875	20.000	ng	0.00
86) Perylene-d12	15.386	264	177671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1206458	133.512	ng	0.02
7) Phenol-d6	6.398	99	1450569	126.244	ng	0.01
23) Nitrobenzene-d5	7.310	82	1009357	96.124	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	374929	133.984	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1707172	91.468	ng	0.00
79) Terphenyl-d14	12.863	244	1597423	93.138	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	185855	46.917	ng	# 79
3) Pyridine	3.369	79	255158	23.933	ng	97
4) n-Nitrosodimethylamine	3.293	42	298389	52.741	ng	98
6) Aniline	6.422	93	123069	8.168	ng	# 31
8) 2-Chlorophenol	6.534	128	496095	51.428	ng	98
9) Benzaldehyde	6.304	77	77858	11.894	ng	96
10) Phenol	6.410	94	548718	43.551	ng	88
11) bis(2-Chloroethyl)ether	6.486	93	515188	54.512	ng	98
12) 1,3-Dichlorobenzene	6.681	146	478507	48.810	ng	96
13) 1,4-Dichlorobenzene	6.757	146	487406	48.867	ng	99
14) 1,2-Dichlorobenzene	6.904	146	458727	49.525	ng	99
15) Benzyl Alcohol	6.892	79	292534	35.479	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	873662	49.043	ng	58
17) 2-Methylphenol	7.010	107	388636	45.655	ng	# 91
18) Hexachloroethane	7.239	117	182160	49.428	ng	91
19) n-Nitroso-di-n-propyla...	7.157	70	331750	46.614	ng	94
20) 3+4-Methylphenols	7.163	107	491500	48.017	ng	# 78
22) Acetophenone	7.151	105	655363	50.247	ng	# 89
24) Nitrobenzene	7.328	77	532005	51.259	ng	100
25) Isophorone	7.563	82	1000234	51.875	ng	98
26) 2-Nitrophenol	7.639	139	266922	53.585	ng	100
27) 2,4-Dimethylphenol	7.686	122	400620	47.848	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	568071	49.223	ng	99
29) 2,4-Dichlorophenol	7.886	162	408679	52.676	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	409227	50.464	ng	99
31) Naphthalene	8.039	128	1366885	49.313	ng	99
32) Benzoic acid	7.839	122	340037	53.933	ng	96
34) Hexachlorobutadiene	8.151	225	227022	46.428	ng	97
35) Caprolactam	8.486	113	67498	25.922	ng	91
36) 4-Chloro-3-methylphenol	8.598	107	452052	52.425	ng	97
37) 2-Methylnaphthalene	8.733	142	874407	46.930	ng	98
38) 1-Methylnaphthalene	8.828	142	844422	48.407	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	413268	50.659	ng	98
41) Hexachlorocyclopentadiene	8.880	237	247923	69.989	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	274155	51.327	ng	100
44) 2,4,5-Trichlorophenol	9.075	196	297721	48.401	ng	97

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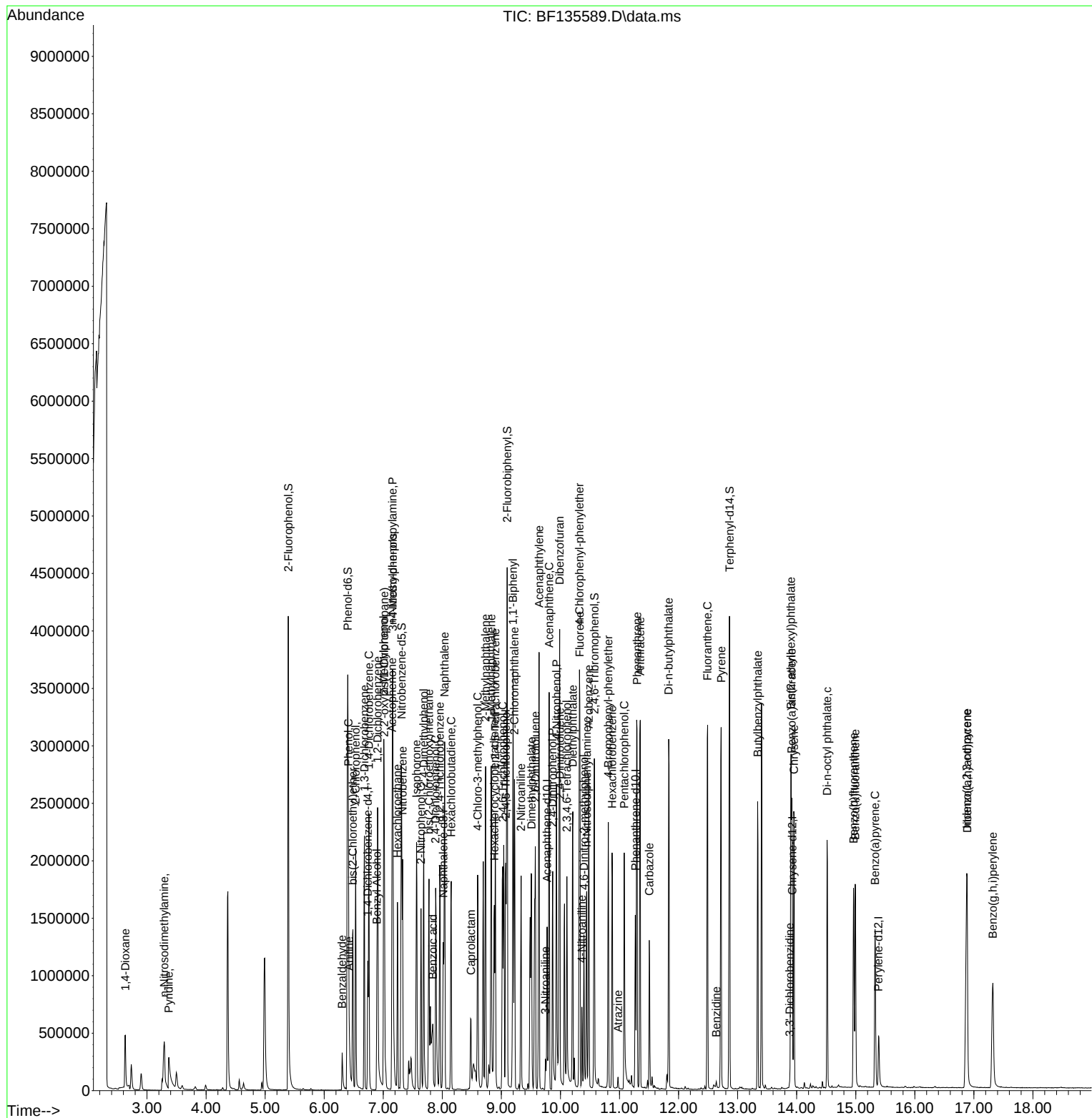
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.198	154	1109623	51.277	ng	98
47) 2-Chloronaphthalene	9.222	162	847353	53.969	ng	98
48) 2-Nitroaniline	9.333	65	311162	51.012	ng	98
49) Acenaphthylene	9.639	152	1261271	48.336	ng	99
50) Dimethylphthalate	9.510	163	1013178	53.218	ng	100
51) 2,6-Dinitrotoluene	9.575	165	225312	54.023	ng	96
52) Acenaphthene	9.810	154	765318	49.649	ng	98
53) 3-Nitroaniline	9.745	138	41440	8.465	ng	95
54) 2,4-Dinitrophenol	9.869	184	258245	106.802	ng	98
55) Dibenzofuran	9.986	168	1085582	46.151	ng	98
56) 4-Nitrophenol	9.933	139	227448	73.101	ng	97
57) 2,4-Dinitrotoluene	9.992	165	257042	49.230	ng	91
58) Fluorene	10.327	166	858811	47.492	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	244802	51.737	ng	97
60) Diethylphthalate	10.210	149	951547	49.802	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	395454	45.525	ng	95
62) 4-Nitroaniline	10.363	138	101790	21.630	ng	98
63) Azobenzene	10.480	77	942659	50.411	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	163909	56.704	ng	98
66) n-Nitrosodiphenylamine	10.445	169	435552	26.435	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	271996	50.250	ng	95
68) Hexachlorobenzene	10.874	284	293520	53.228	ng	# 88
69) Atrazine	10.974	200	9368	2.113	ng	96
70) Pentachlorophenol	11.080	266	286272	86.768	ng	98
71) Phenanthrene	11.298	178	1325917	51.512	ng	99
72) Anthracene	11.351	178	1340462	50.664	ng	99
73) Carbazole	11.504	167	538549	22.360	ng	99
74) Di-n-butylphthalate	11.833	149	1590361	56.037	ng	99
75) Fluoranthene	12.492	202	1400620	52.221	ng	100
77) Benzidine	12.639	184	13412	2.462	ng	# 93
78) Pyrene	12.721	202	1392990	55.030	ng	100
80) Butylbenzylphthalate	13.339	149	596982	66.983	ng	95
81) Benzo(a)anthracene	13.915	228	939962	54.750	ng	98
82) 3,3'-Dichlorobenzidine	13.880	252	15100	2.816	ng	# 93
83) Chrysene	13.957	228	917069	53.727	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	691505	75.610	ng	99
85) Di-n-octyl phthalate	14.515	149	1039295	71.507	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	969110	83.190	ng	96
88) Benzo(b)fluoranthene	14.962	252	855144	88.911	ng	# 98
89) Benzo(k)fluoranthene	14.992	252	756251	79.598	ng	# 97
90) Benzo(a)pyrene	15.327	252	683739	74.546	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	847087	88.871	ng	98
92) Benzo(g,h,i)perylene	17.321	276	803710	80.738	ng	95

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

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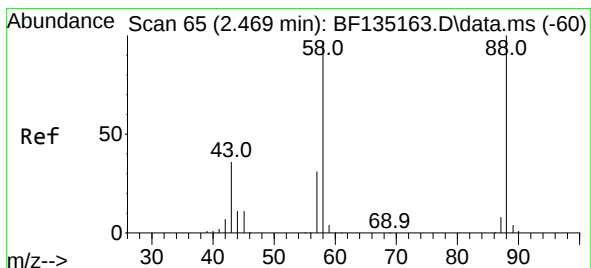
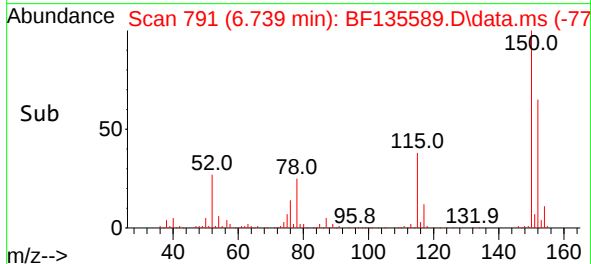
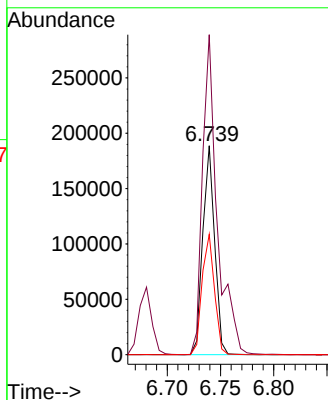
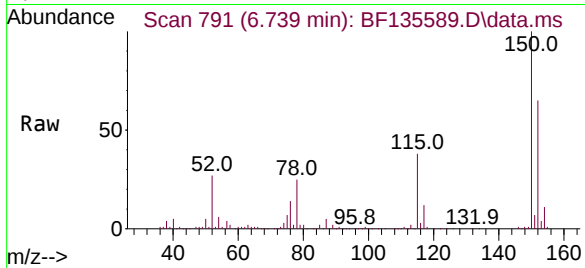




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135589.D
 Acq: 05 Oct 2023 01:30

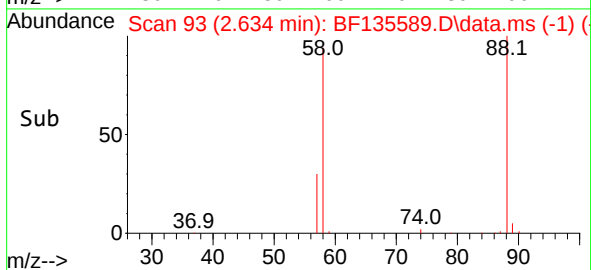
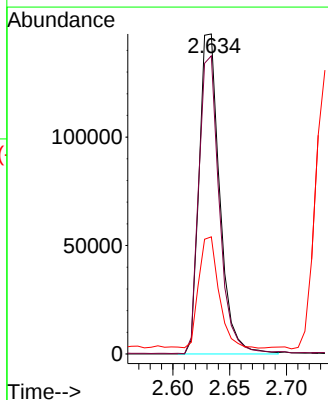
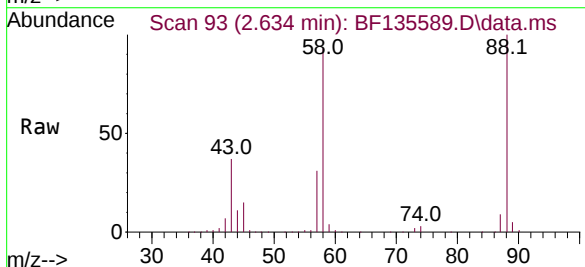
Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMPMSD

Tgt Ion:152 Resp: 146971
 Ion Ratio Lower Upper
 152 100
 150 153.2 127.8 191.6
 115 57.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 46.917 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.212 min
 Lab File: BF135589.D
 Acq: 05 Oct 2023 01:30

Tgt Ion: 88 Resp: 185855
 Ion Ratio Lower Upper
 88 100
 58 92.9 78.3 117.5
 43 0.0 29.4 44.0#

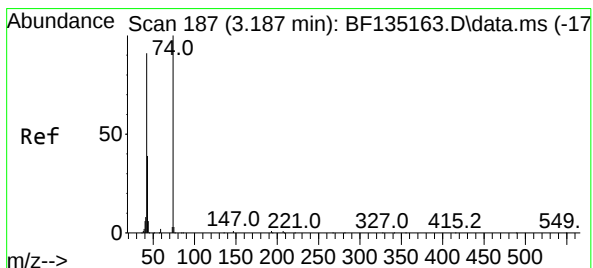
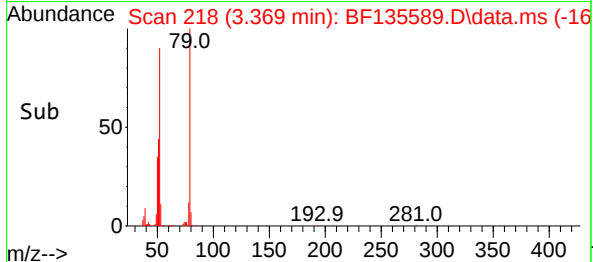
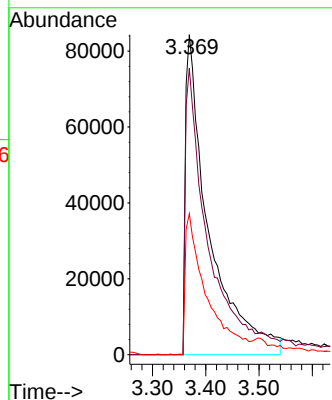
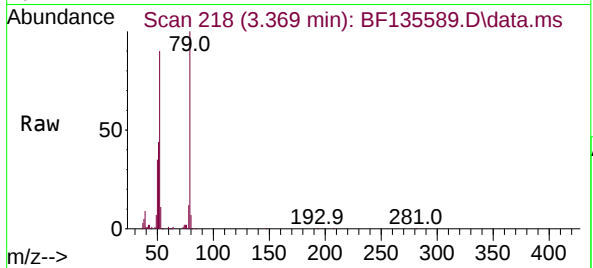




#3
Pyridine
Concen: 23.933 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.206 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

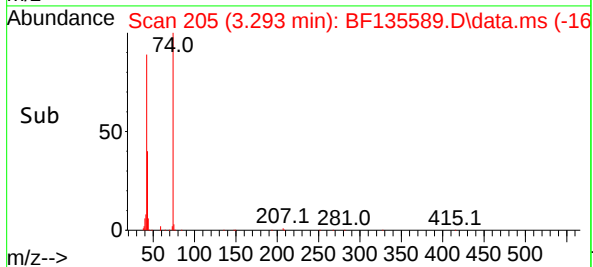
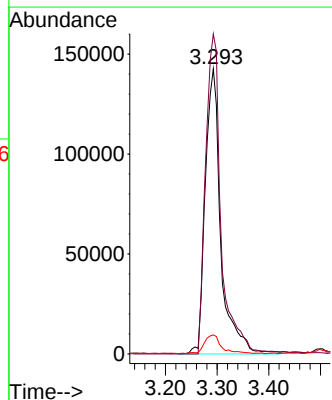
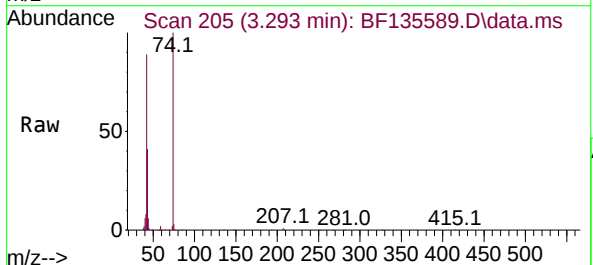
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

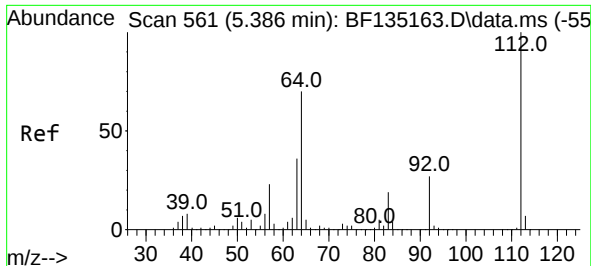
Tgt Ion: 79 Resp: 255158
Ion Ratio Lower Upper
79 100
52 89.5 74.1 111.1
51 44.1 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 52.741 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.159 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion: 42 Resp: 298389
Ion Ratio Lower Upper
42 100
74 112.2 87.7 131.5
44 6.7 5.6 8.4

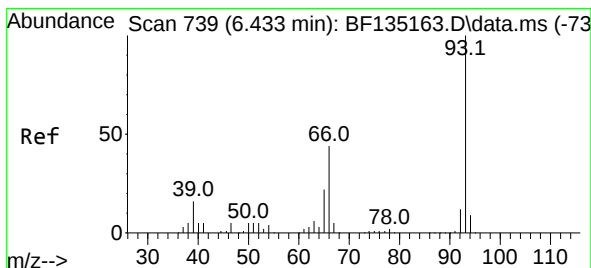
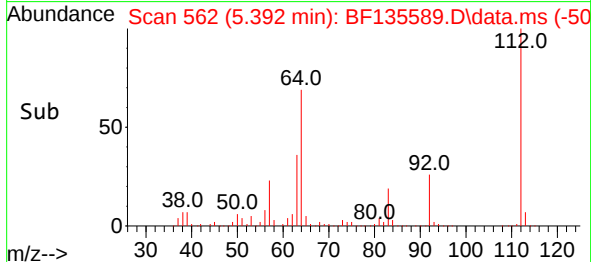
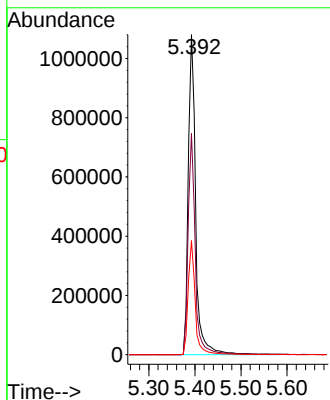
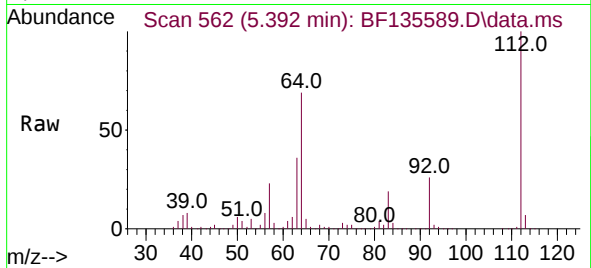




#5
2-Fluorophenol
Concen: 133.512 ng
RT: 5.392 min Scan# 50
Delta R.T. 0.024 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

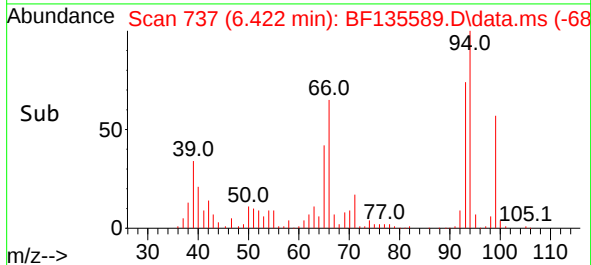
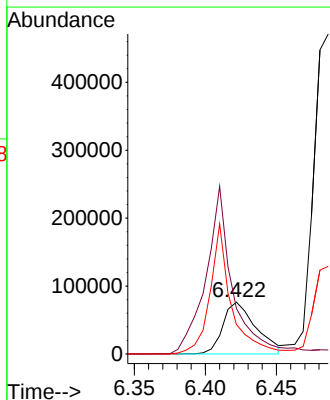
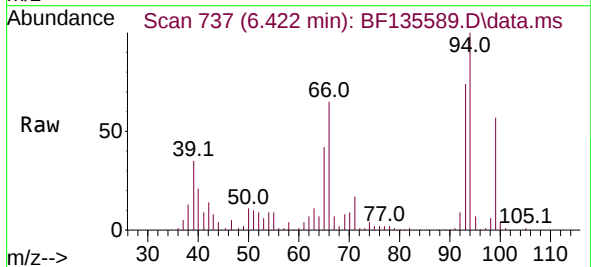
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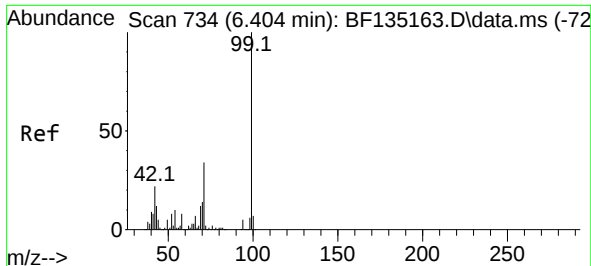
Tgt Ion:112 Resp: 1206458
Ion Ratio Lower Upper
112 100
64 69.1 55.9 83.9
63 35.7 29.0 43.6



#6
Aniline
Concen: 8.168 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.012 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion: 93 Resp: 123069
Ion Ratio Lower Upper
93 100
66 87.5 35.4 53.0#
65 56.8 17.8 26.8#





#7

Phenol-d6

Concen: 126.244 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

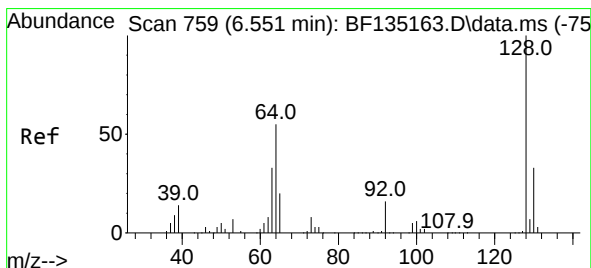
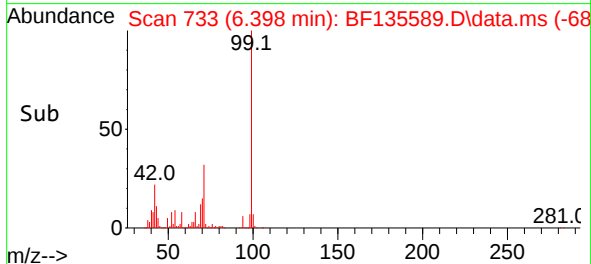
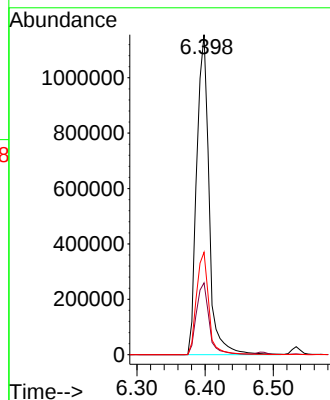
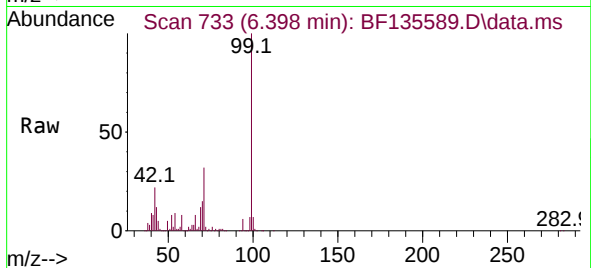
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1450569

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	32.0	27.0	40.6



#8

2-Chlorophenol

Concen: 51.428 ng

RT: 6.534 min Scan# 756

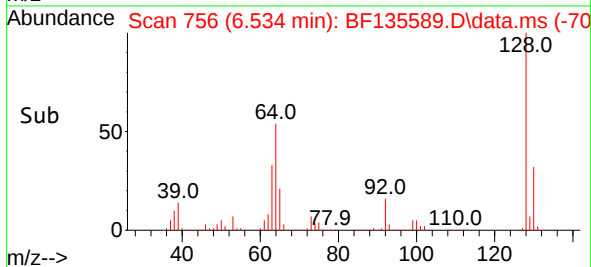
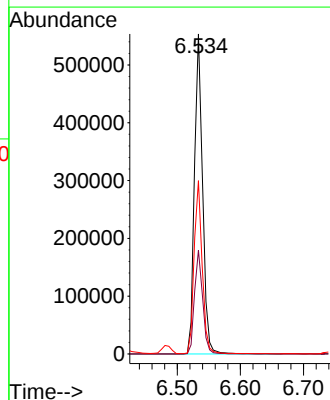
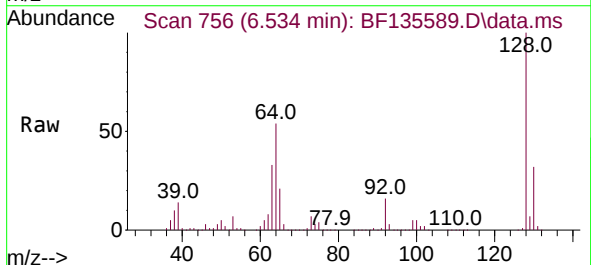
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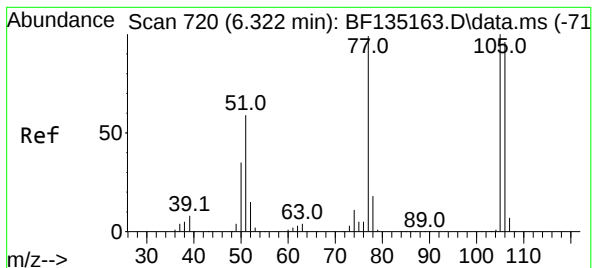
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Tgt Ion:128 Resp: 496095

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	54.1	35.9	75.9





#9

Benzaldehyde

Concen: 11.894 ng

RT: 6.304 min Scan# 717

Delta R.T. 0.006 min

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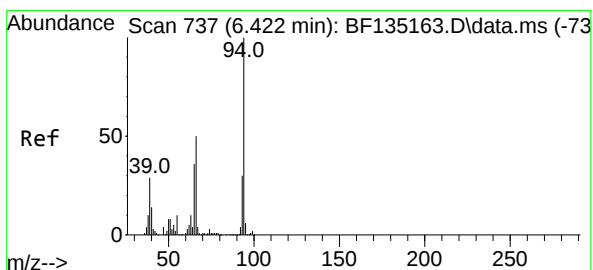
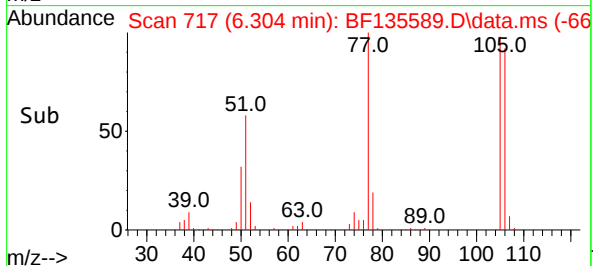
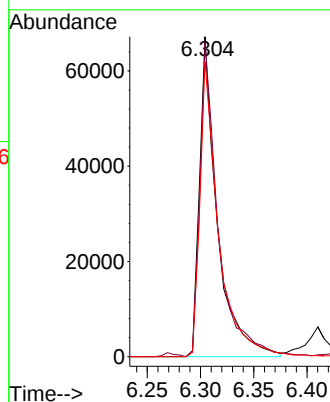
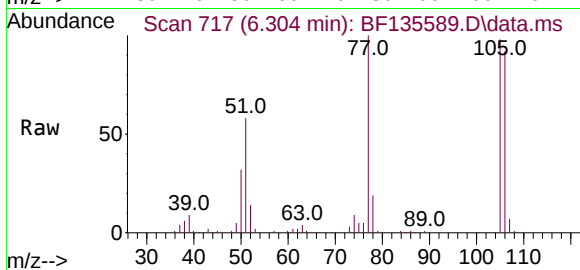
Tgt Ion: 77 Resp: 77858

Ion Ratio Lower Upper

77 100

105 98.2 81.4 121.4

106 92.2 76.9 116.9



#10

Phenol

Concen: 43.551 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.006 min

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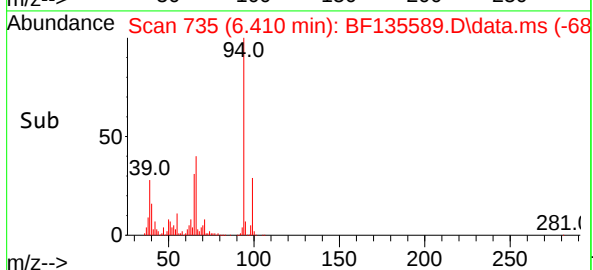
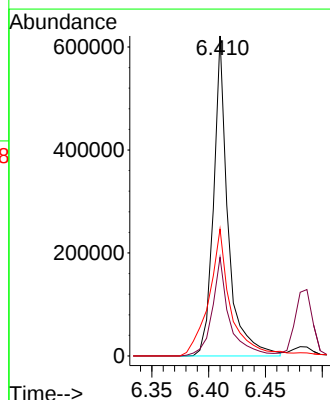
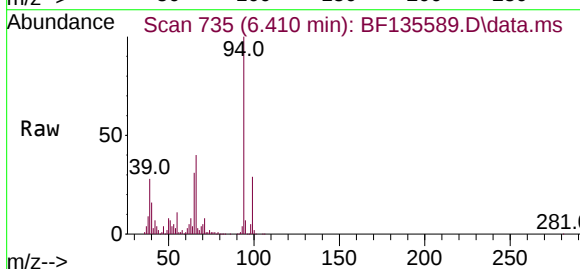
Tgt Ion: 94 Resp: 548718

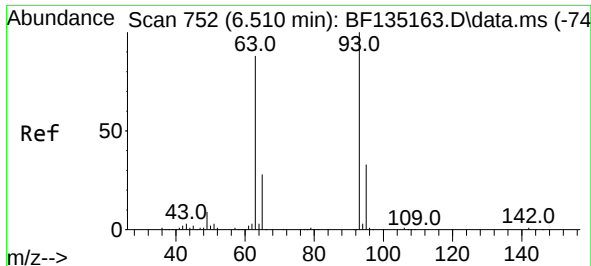
Ion Ratio Lower Upper

94 100

65 30.8 15.9 55.9

66 39.7 29.8 69.8

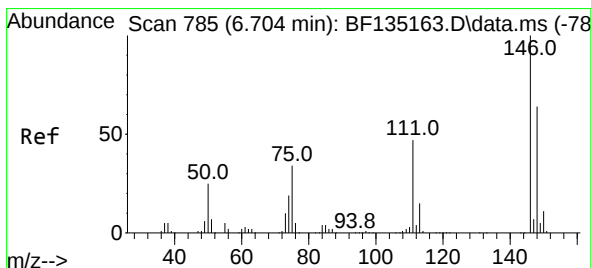
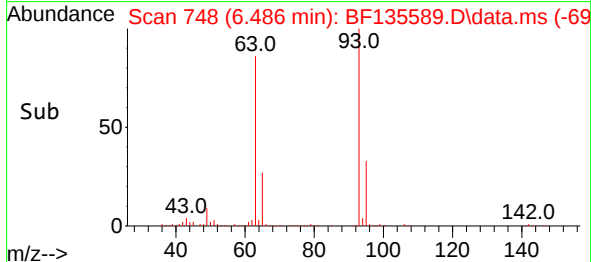
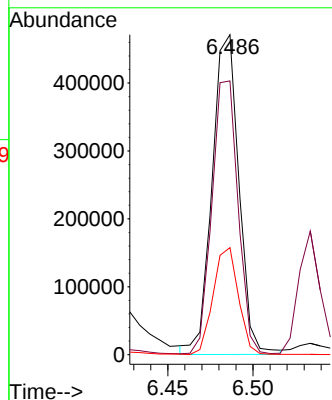
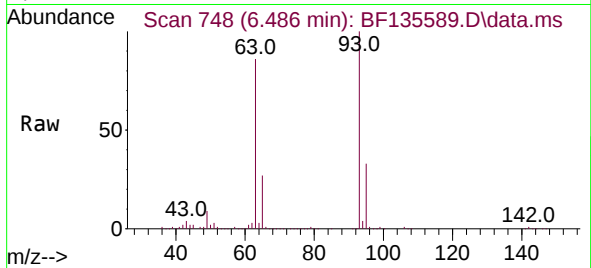




#11
bis(2-Chloroethyl)ether
Concen: 54.512 ng
RT: 6.486 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

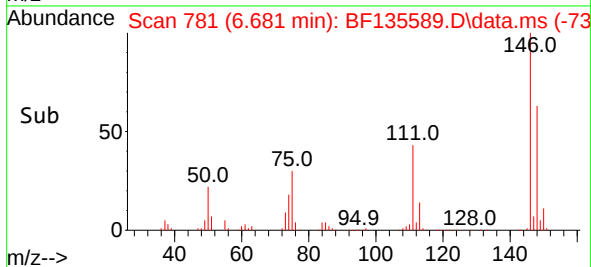
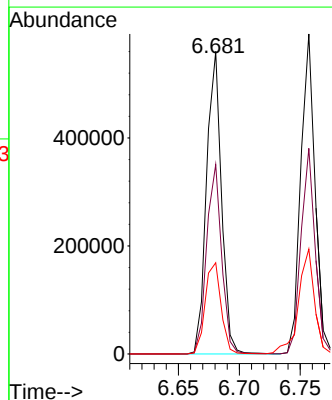
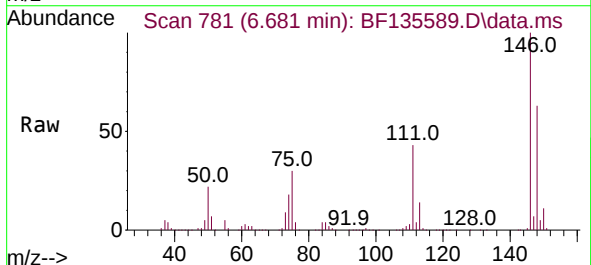
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

Tgt Ion: 93 Resp: 515188
Ion Ratio Lower Upper
93 100
63 85.6 67.3 107.3
95 33.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.810 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:146 Resp: 478507
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
75 30.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.867 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

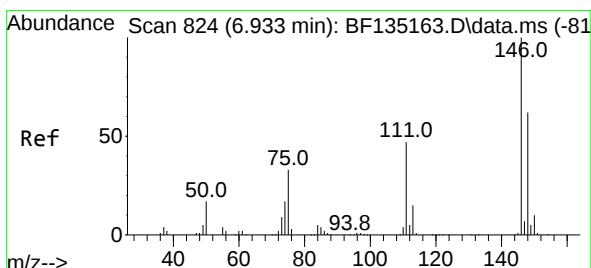
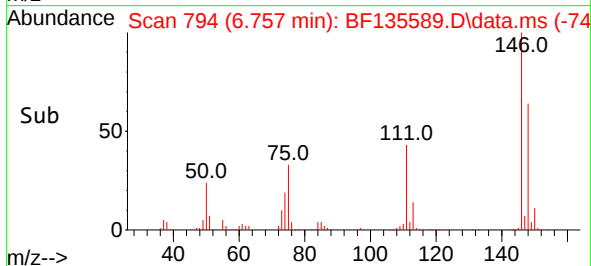
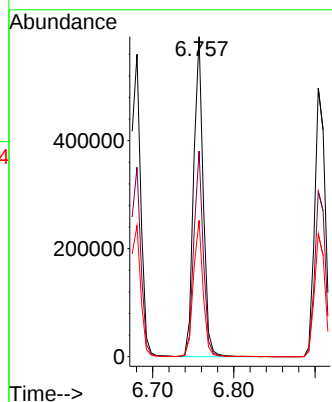
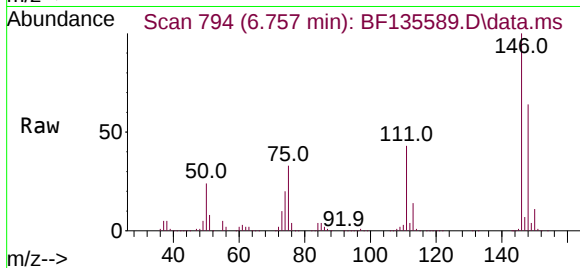
Tgt Ion:146 Resp: 487406

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

111 42.6 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 49.525 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

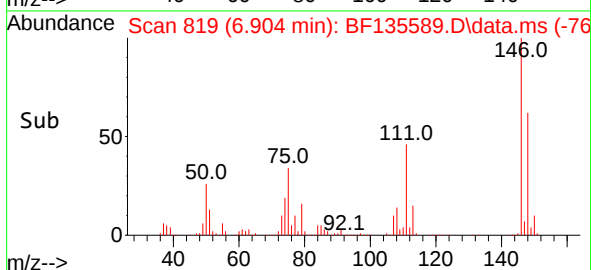
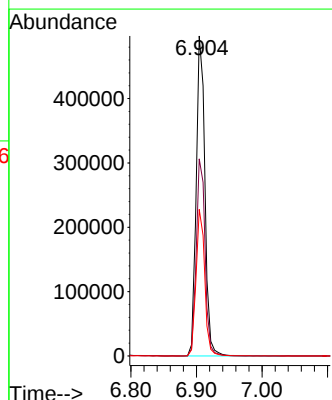
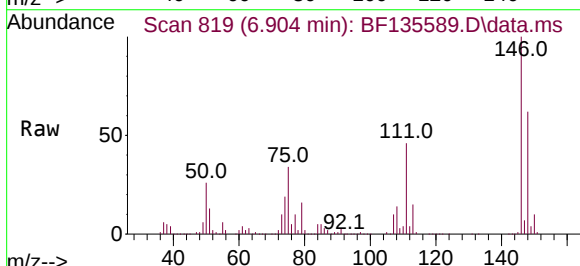
Tgt Ion:146 Resp: 458727

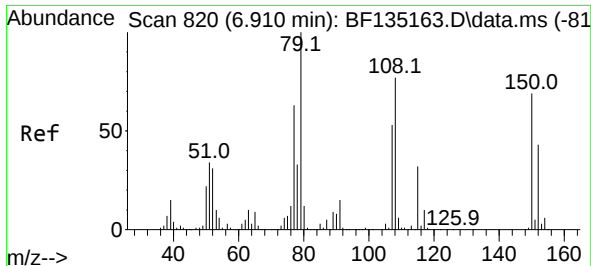
Ion Ratio Lower Upper

146 100

148 61.6 49.7 74.5

111 45.8 37.4 56.2

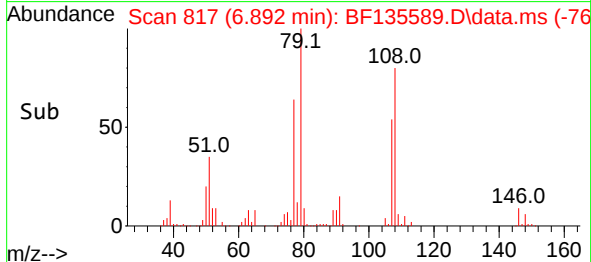
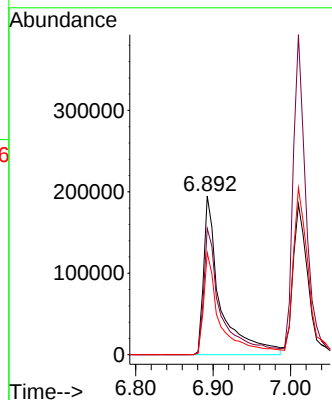
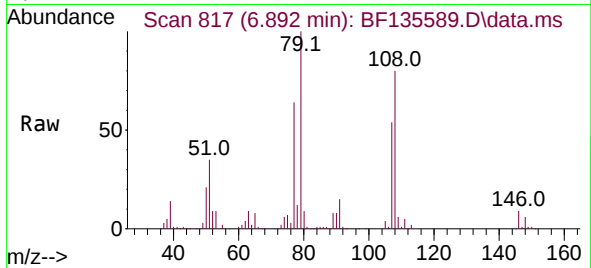




#15
Benzyl Alcohol
Concen: 35.479 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

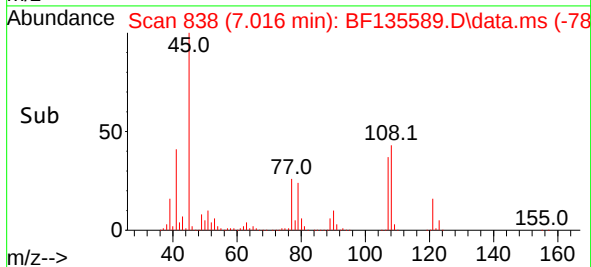
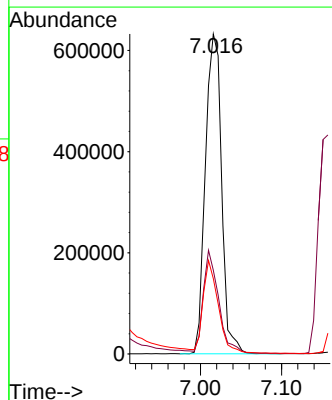
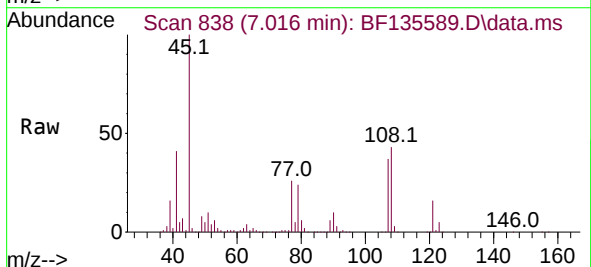
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

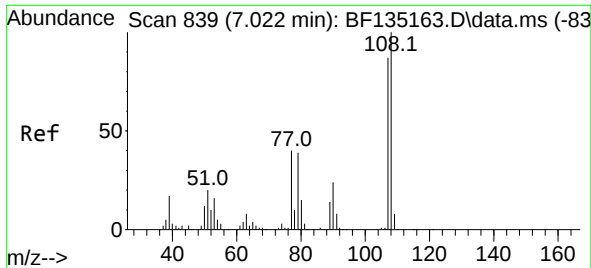
Tgt Ion: 79 Resp: 292534
Ion Ratio Lower Upper
79 100
108 79.5 61.2 91.8
77 64.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.043 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion: 45 Resp: 873662
Ion Ratio Lower Upper
45 100
77 26.2 0.0 30.6
79 23.5 0.0 28.3

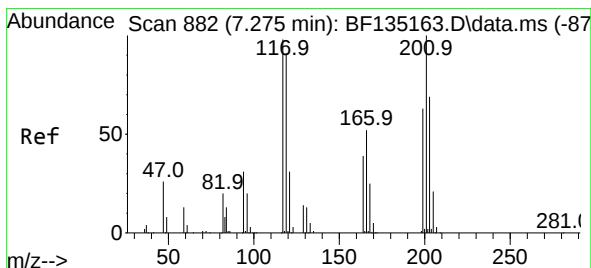
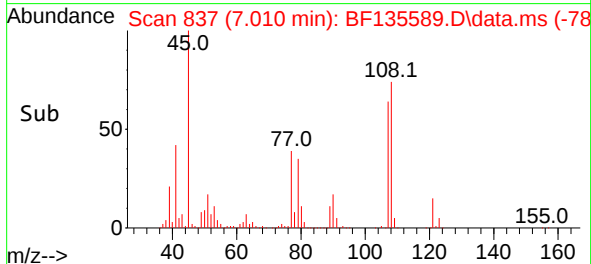
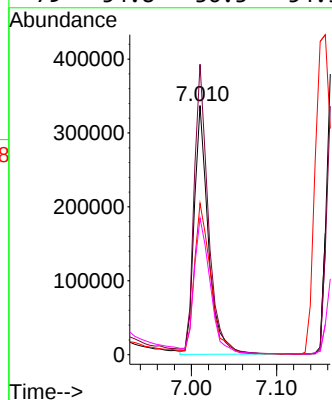
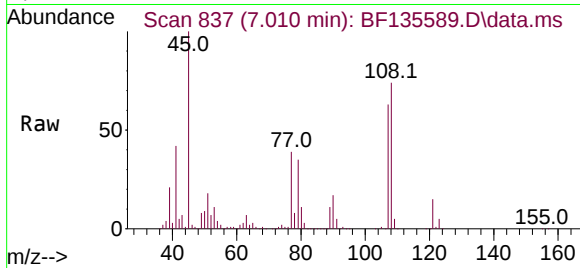




#17
2-Methylphenol
Concen: 45.655 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

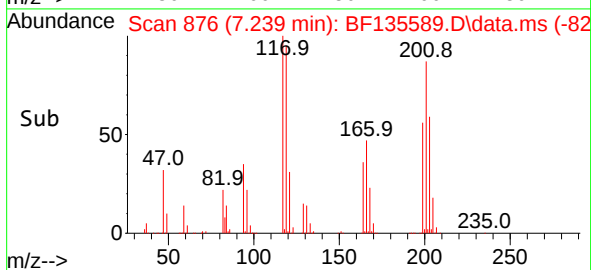
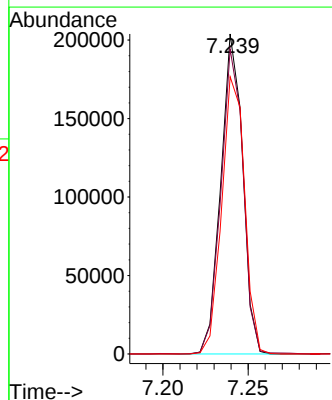
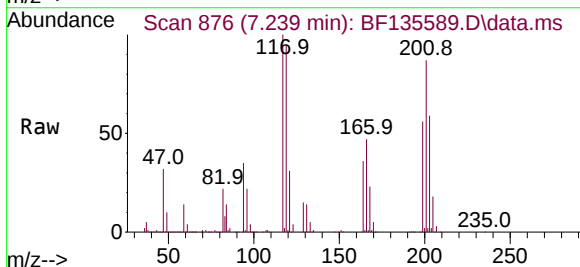
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

Tgt Ion:107 Resp: 388636
Ion Ratio Lower Upper
107 100
108 116.6 92.0 138.0
77 60.8 36.7 55.1#
79 54.8 36.3 54.5#



#18
Hexachloroethane
Concen: 49.428 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:117 Resp: 182160
Ion Ratio Lower Upper
117 100
119 95.2 74.7 112.1
201 86.7 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.614 ng

RT: 7.157 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

Tgt Ion: 70 Resp: 331750

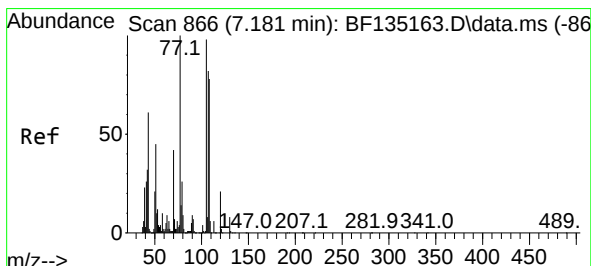
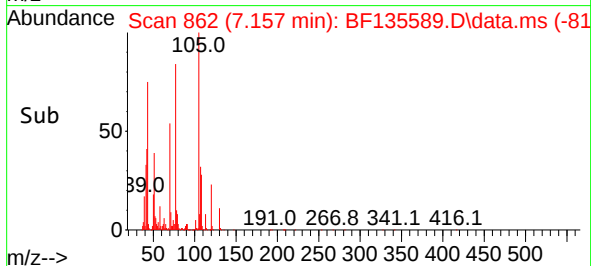
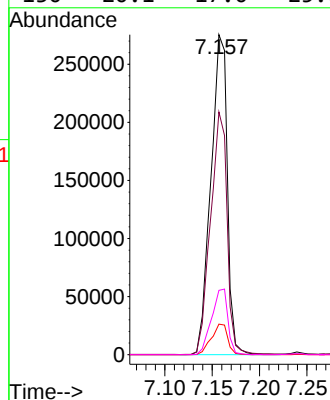
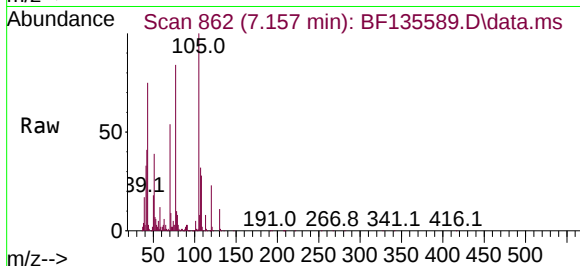
Ion Ratio Lower Upper

70 100

42 75.8 55.4 83.0

101 9.6 7.7 11.5

130 20.1 17.0 25.6



#20

3+4-Methylphenols

Concen: 48.017 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Tgt Ion:107 Resp: 491500

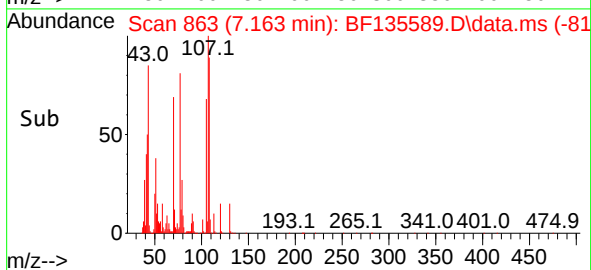
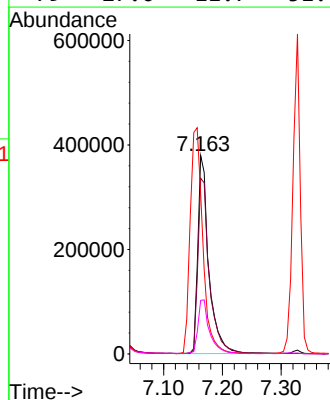
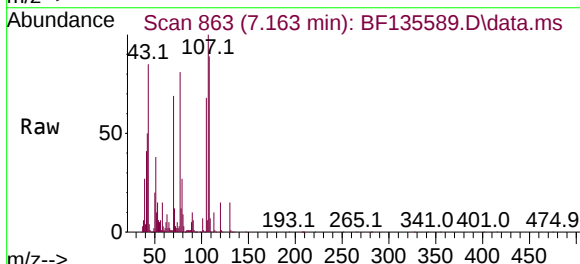
Ion Ratio Lower Upper

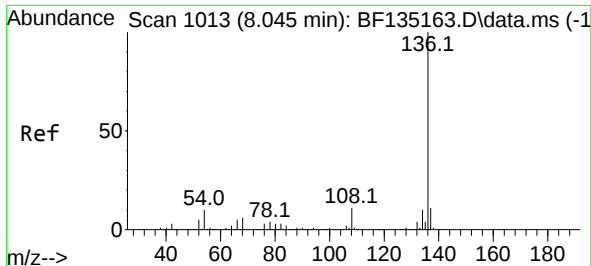
107 100

108 88.5 74.7 114.7

77 80.6 102.0 142.0#

79 27.0 11.7 51.7

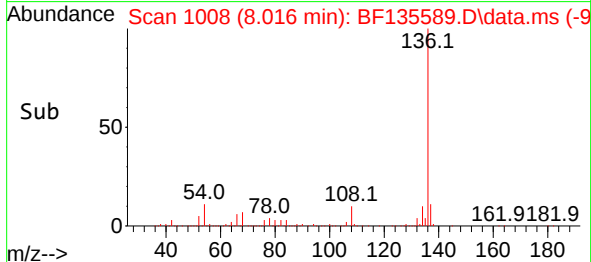
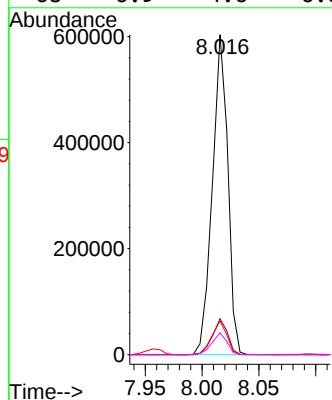
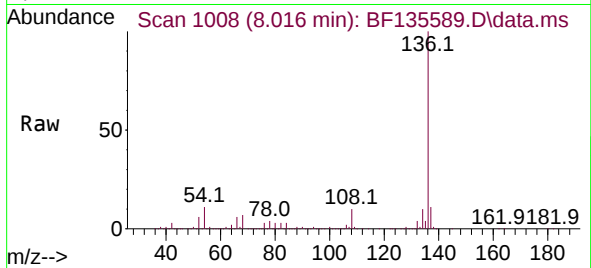




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

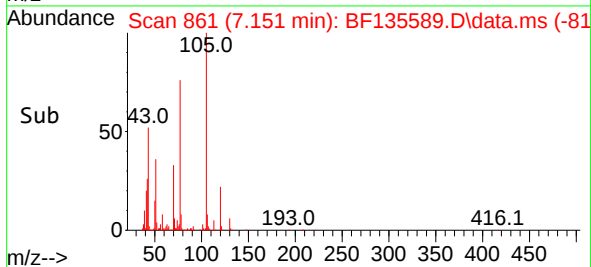
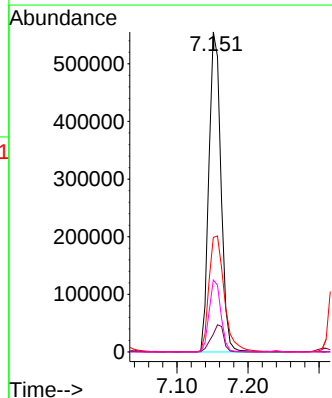
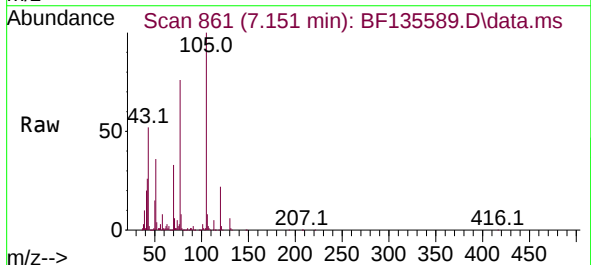
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

Tgt Ion:136 Resp: 570489
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.6 7.7 11.5
68 6.9 4.6 6.8#



#22
Acetophenone
Concen: 50.247 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:105 Resp: 655363
Ion Ratio Lower Upper
105 100
71 5.6 5.8 8.6#
51 35.8 37.0 55.4#
120 22.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 96.124 ng

RT: 7.310 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

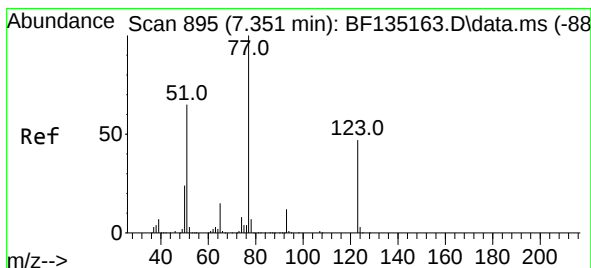
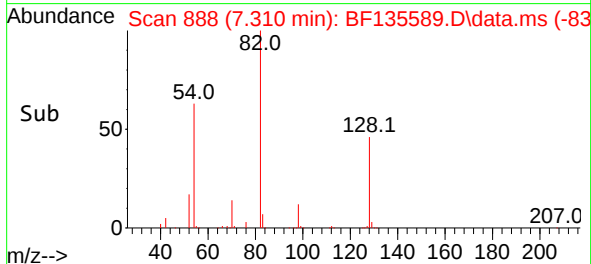
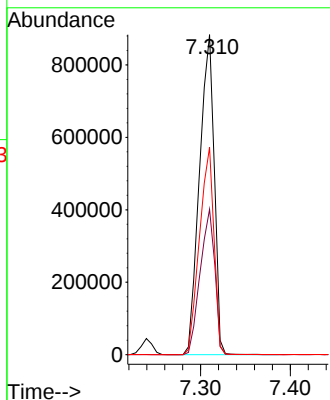
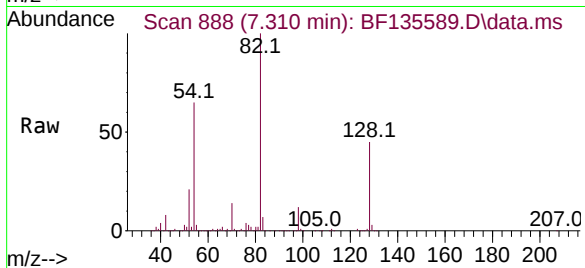
BNA_F

ClientSampleId :

SP1-COMPMSD

Tgt Ion: 82 Resp: 1009357

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.8	53.6
54	64.8	50.6	76.0



#24

Nitrobenzene

Concen: 51.259 ng

RT: 7.328 min Scan# 891

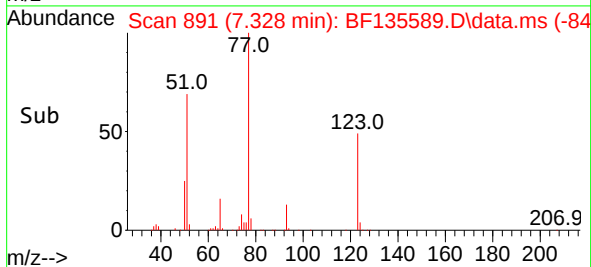
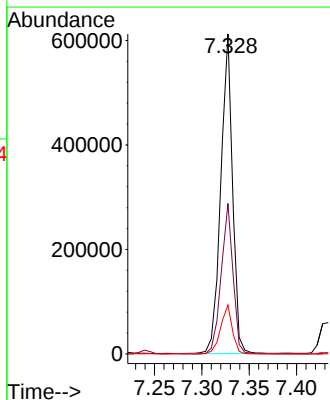
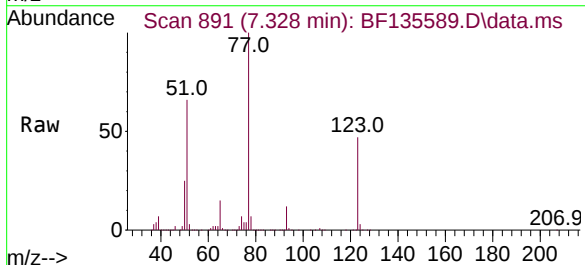
Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Tgt Ion: 77 Resp: 532005

Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.6	56.4
65	15.3	12.2	18.4

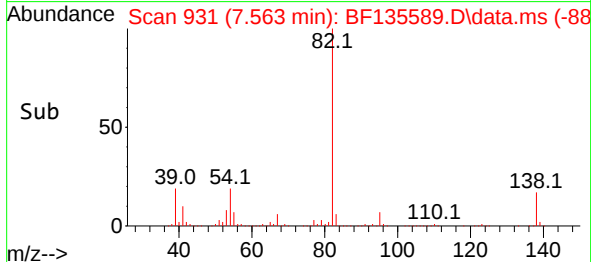
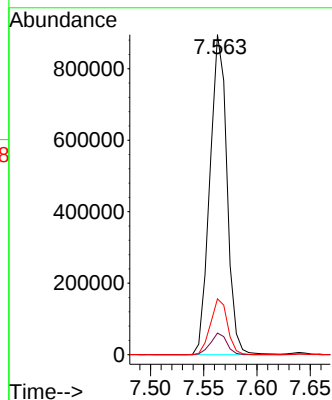
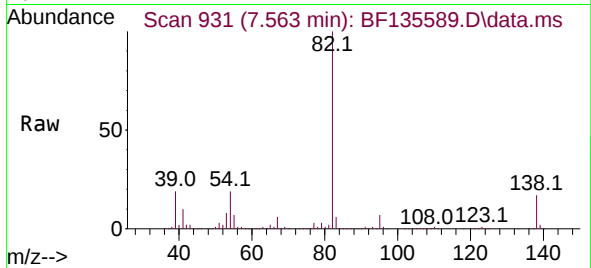




#25
Isophorone
Concen: 51.875 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

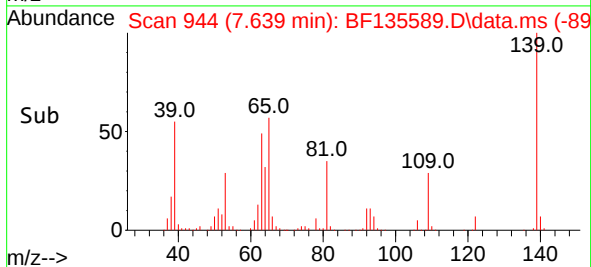
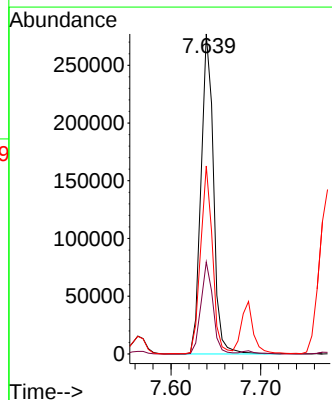
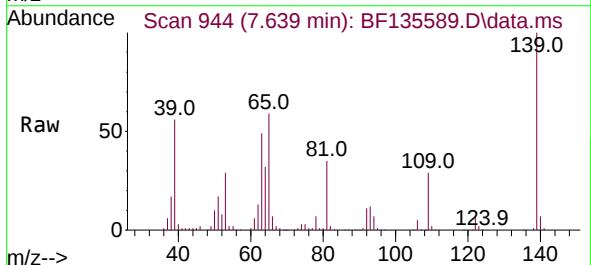
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

Tgt Ion: 82 Resp: 1000234
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.4 14.5 21.7



#26
2-Nitrophenol
Concen: 53.585 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:139 Resp: 266922
Ion Ratio Lower Upper
139 100
109 28.8 22.6 33.8
65 58.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.848 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

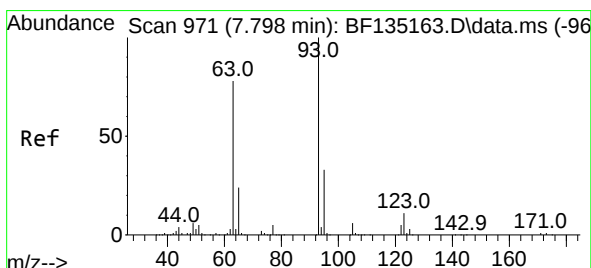
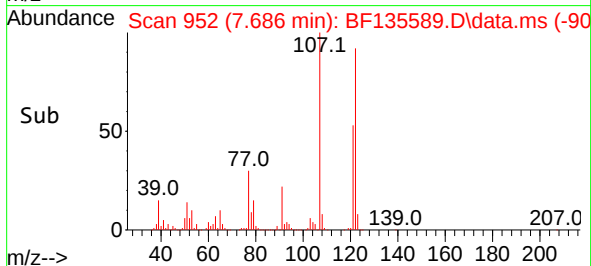
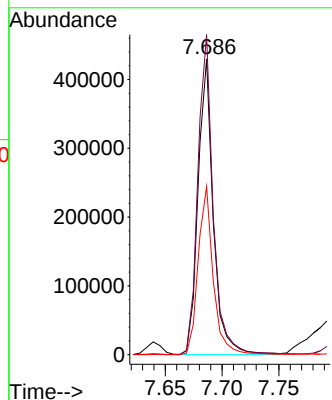
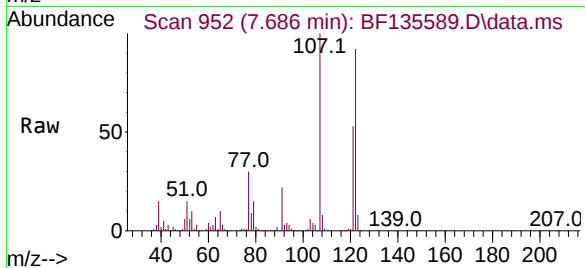
Tgt Ion:122 Resp: 400620

Ion Ratio Lower Upper

122 100

107 108.3 90.2 135.4

121 56.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.223 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

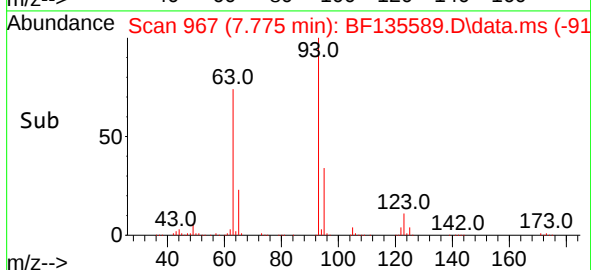
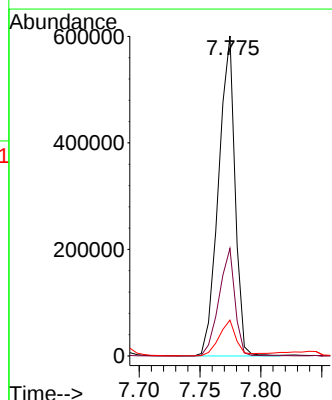
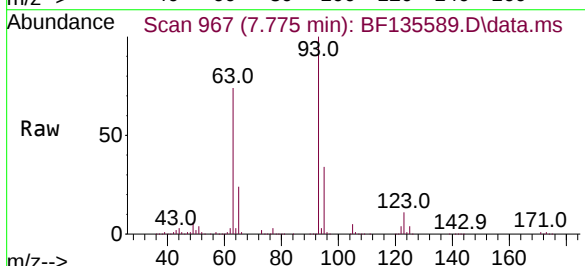
Tgt Ion: 93 Resp: 568071

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.2

123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 52.676 ng

RT: 7.886 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

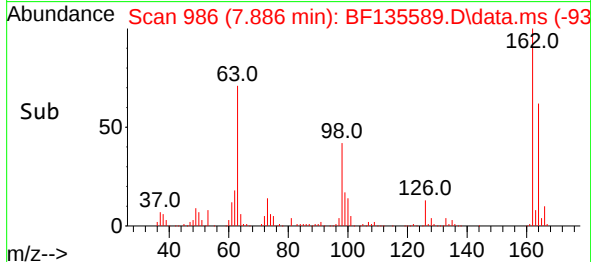
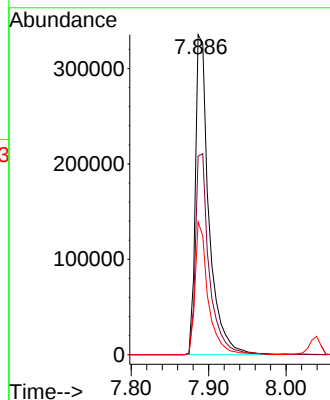
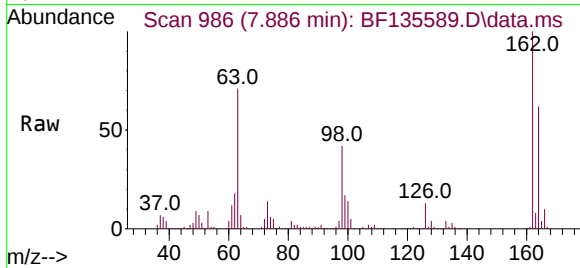
Tgt Ion:162 Resp: 408679

Ion Ratio Lower Upper

162 100

164 62.0 44.1 84.1

98 41.5 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 50.464 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

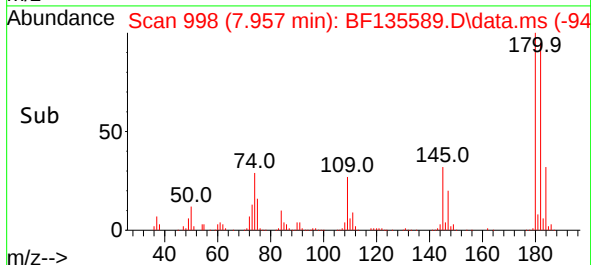
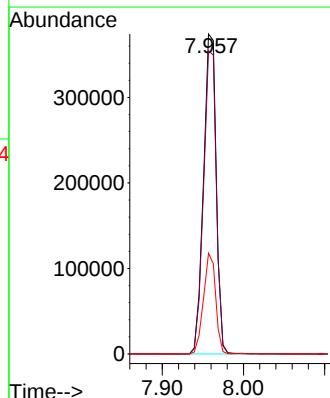
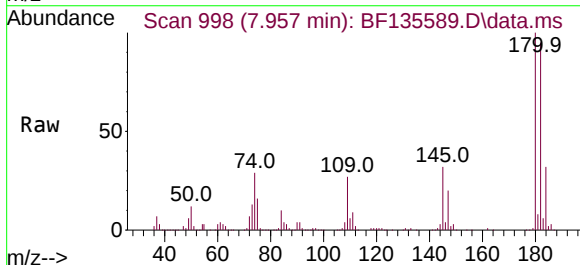
Tgt Ion:180 Resp: 409227

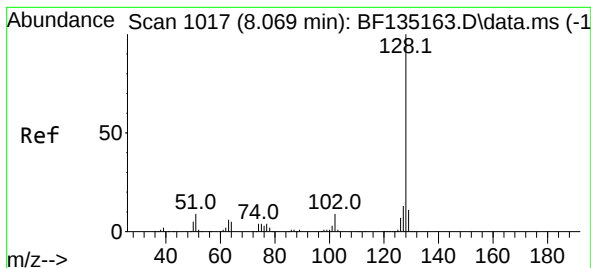
Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

145 31.5 24.5 36.7





#31

Naphthalene

Concen: 49.313 ng

RT: 8.039 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

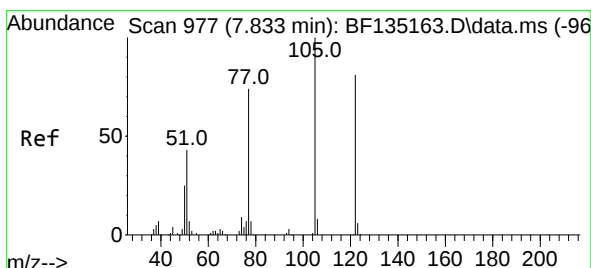
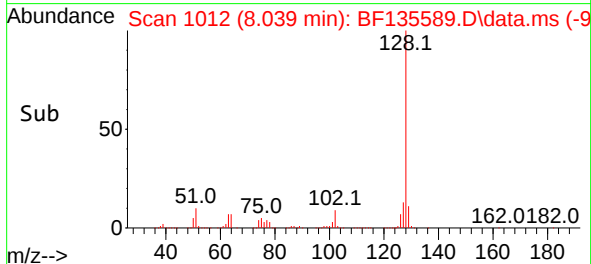
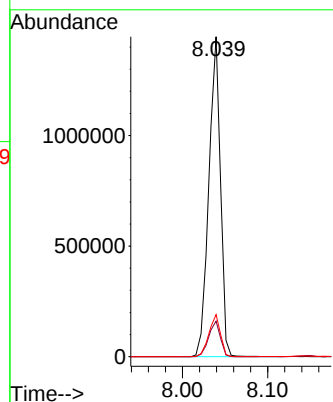
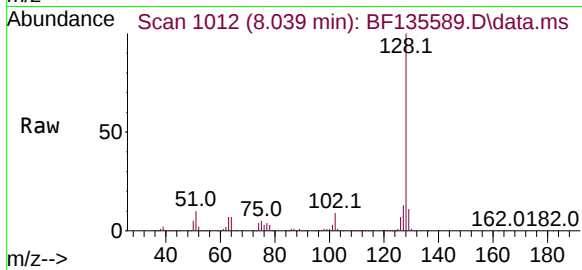
Tgt Ion:128 Resp: 1366885

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 53.933 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.018 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

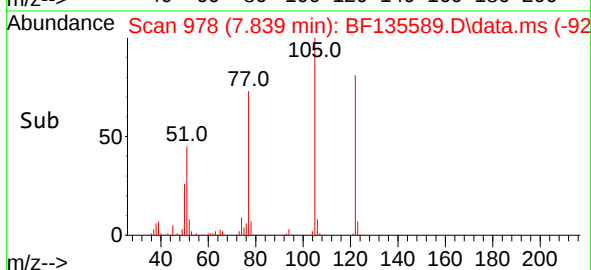
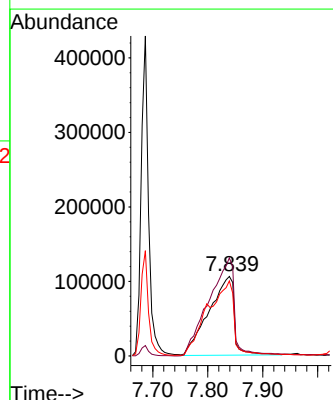
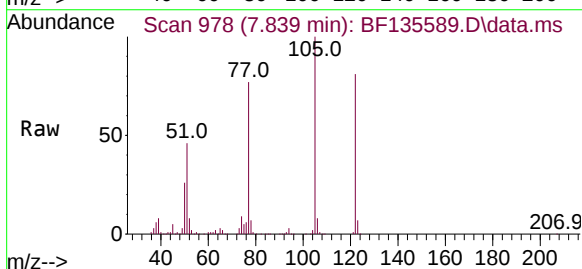
Tgt Ion:122 Resp: 340037

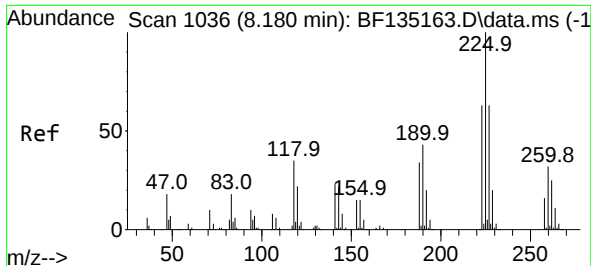
Ion Ratio Lower Upper

122 100

105 123.3 99.9 139.9

77 94.4 70.0 110.0

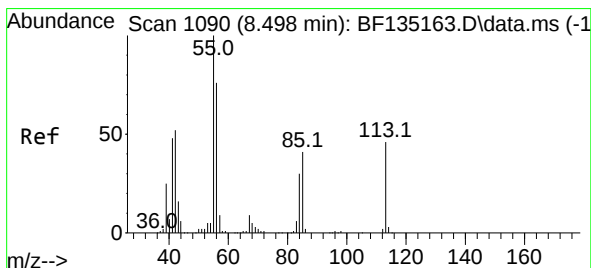
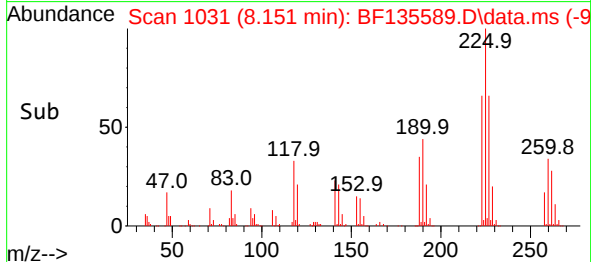
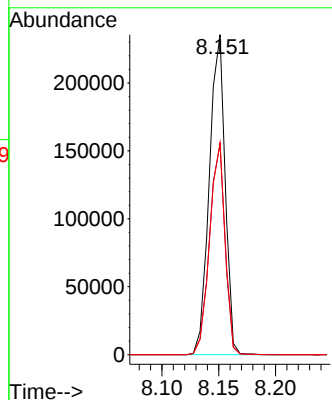
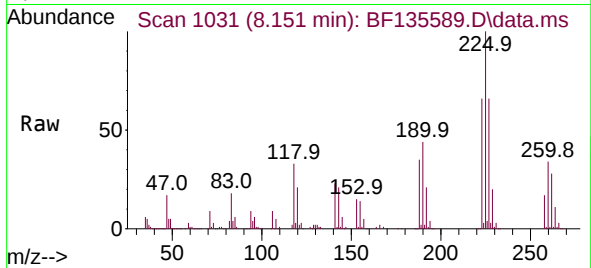




#34
Hexachlorobutadiene
Concen: 46.428 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

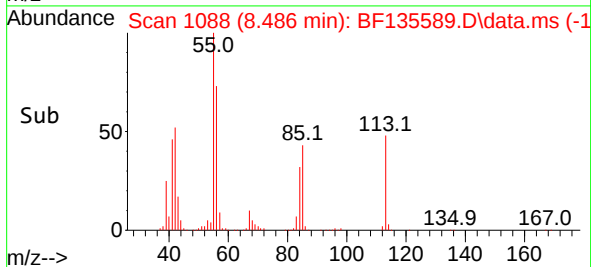
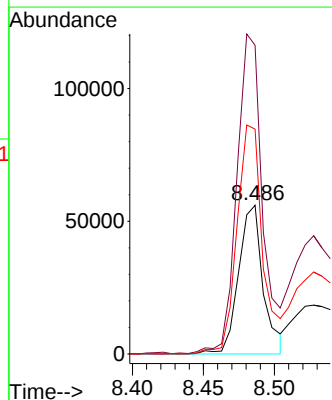
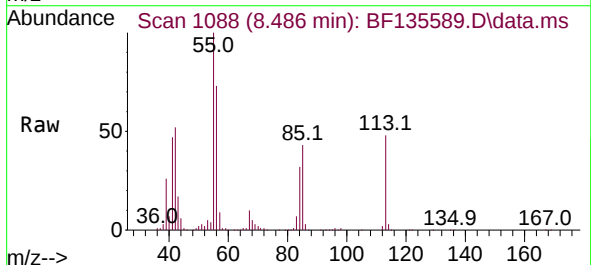
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

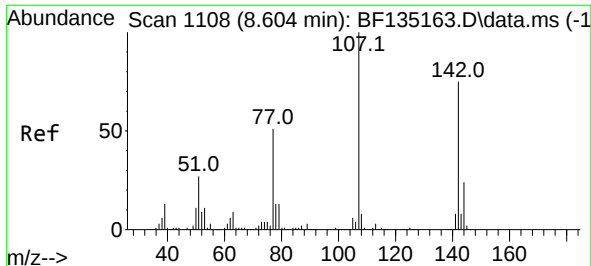
Tgt Ion:225 Resp: 227022
Ion Ratio Lower Upper
225 100
223 65.7 50.6 75.8
227 66.2 50.8 76.2



#35
Caprolactam
Concen: 25.922 ng
RT: 8.486 min Scan# 1088
Delta R.T. 0.018 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:113 Resp: 67498
Ion Ratio Lower Upper
113 100
55 207.6 199.3 239.3
56 151.2 146.3 186.3

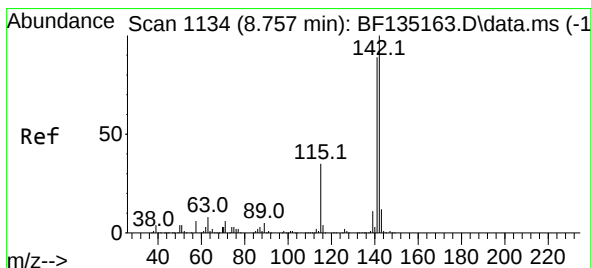
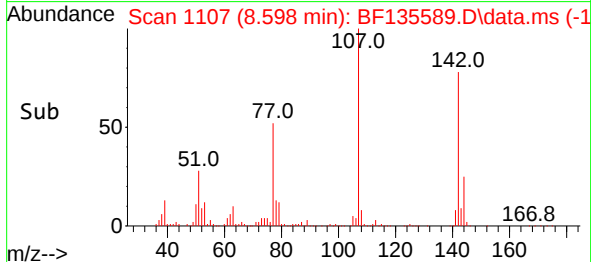
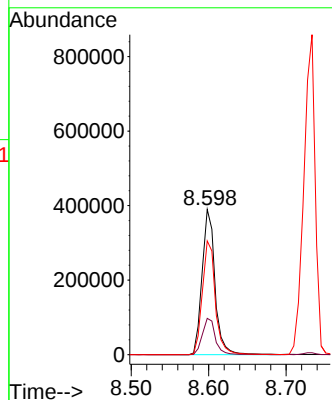
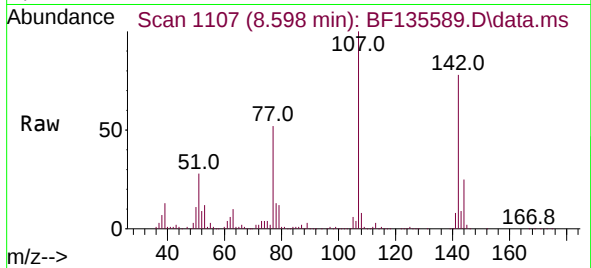




#36
4-Chloro-3-methylphenol
Concen: 52.425 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

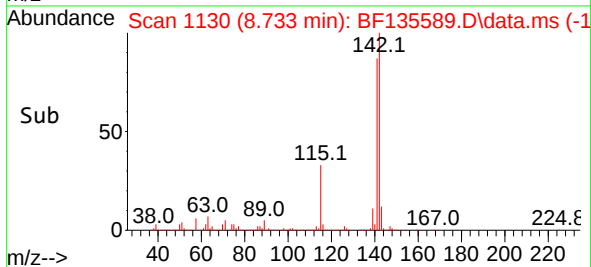
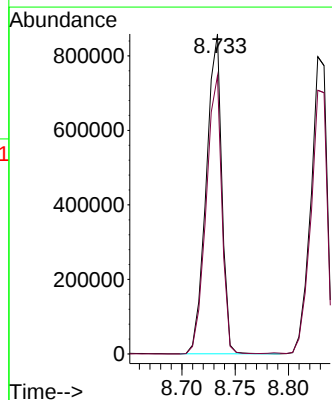
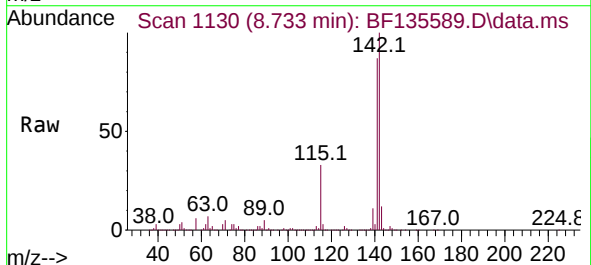
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

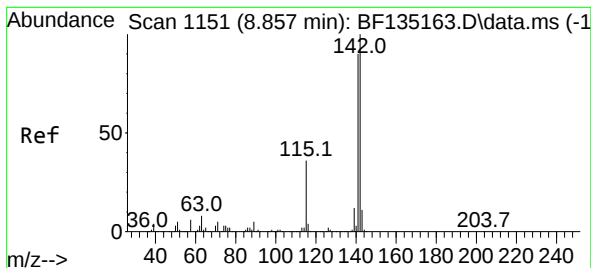
Tgt Ion:107 Resp: 452052
Ion Ratio Lower Upper
107 100
144 25.0 19.0 28.4
142 78.3 60.2 90.2



#37
2-Methylnaphthalene
Concen: 46.930 ng
RT: 8.733 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:142 Resp: 874407
Ion Ratio Lower Upper
142 100
141 86.9 71.0 106.6





#38

1-Methylnaphthalene

Concen: 48.407 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

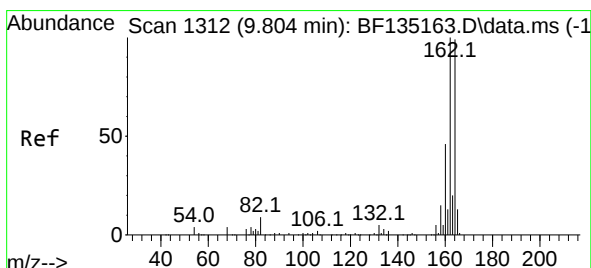
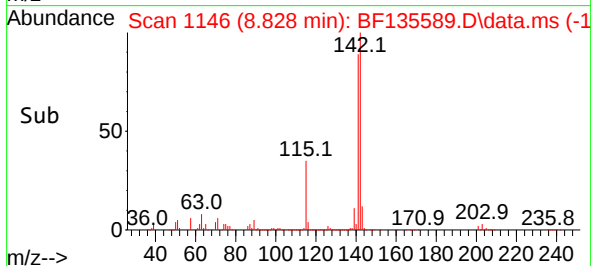
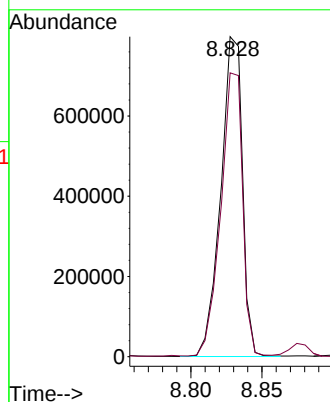
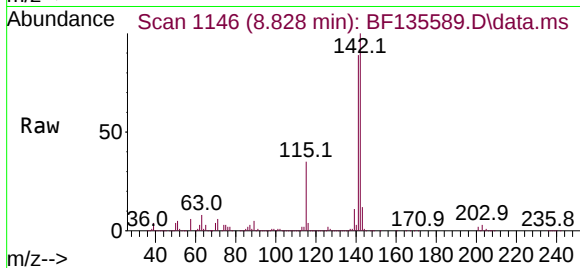
SP1-COMPMSD

Tgt Ion:142 Resp: 844422

Ion Ratio Lower Upper

142 100

141 88.7 72.4 108.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

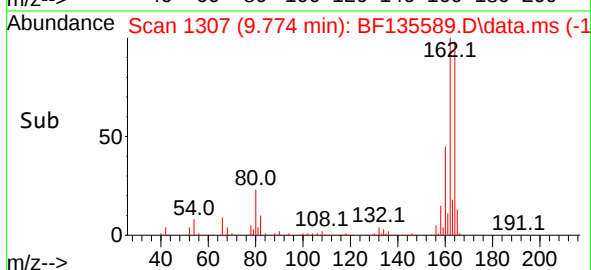
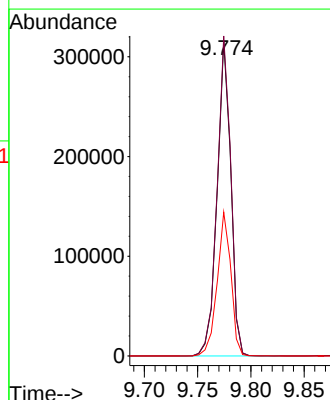
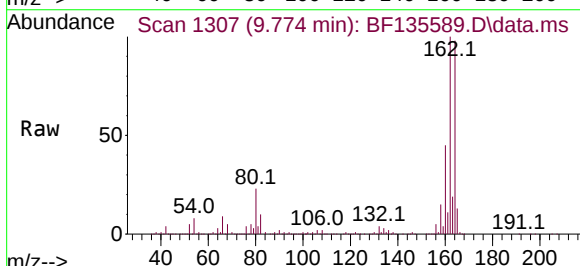
Tgt Ion:164 Resp: 281589

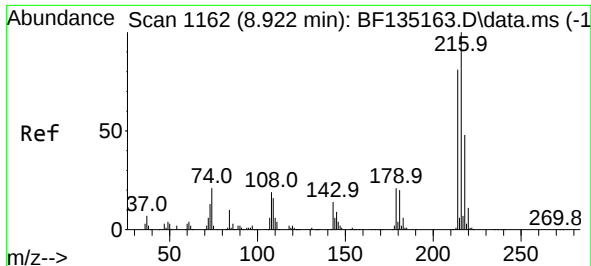
Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 45.7 37.0 55.4

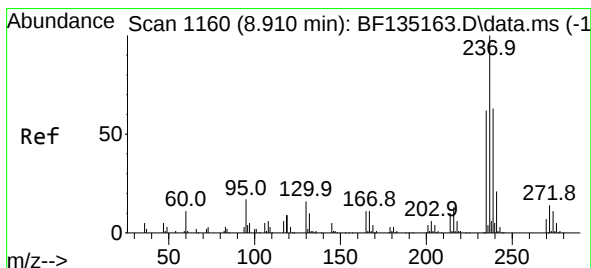
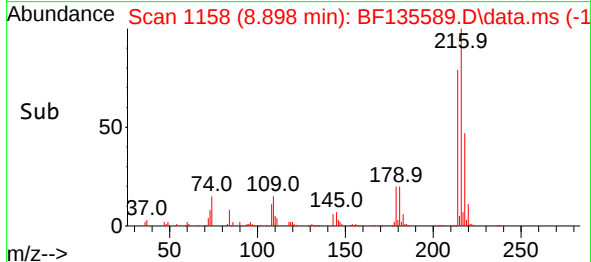
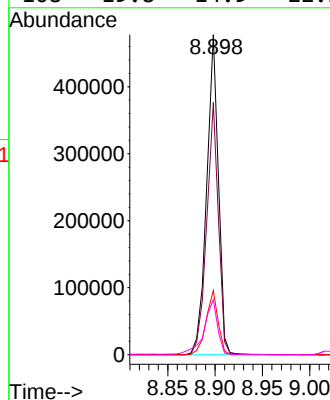
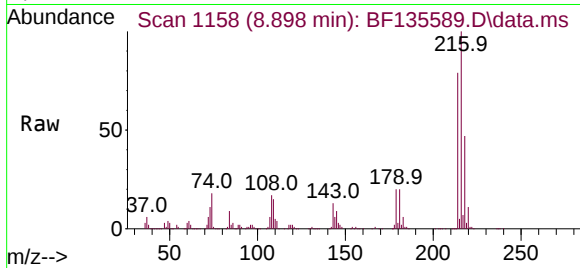




#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.659 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

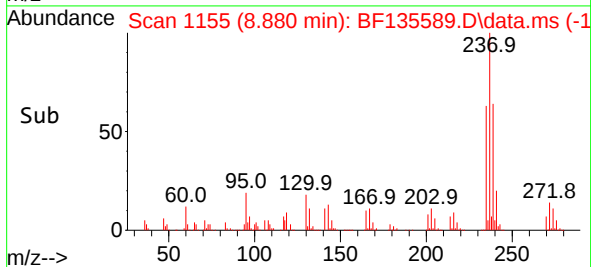
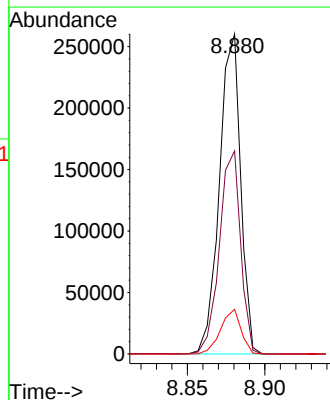
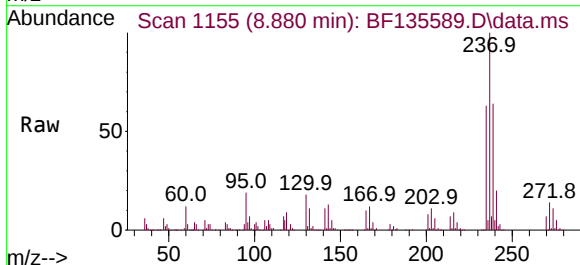
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

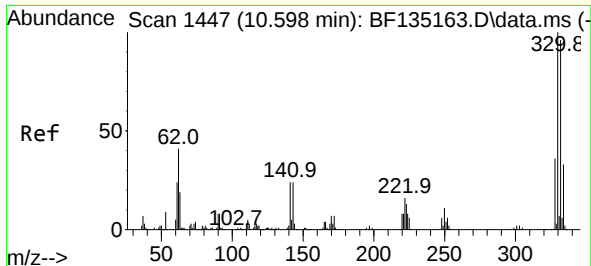
Tgt Ion:	216	Resp:	413268
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.7	95.5
179	20.4	16.7	25.1
108	19.8	14.9	22.3



#41
Hexachlorocyclopentadiene
Concen: 69.989 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:	237	Resp:	247923
Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.8	81.8
272	13.9	0.0	33.6





#42

2,4,6-Tribromophenol

Concen: 133.984 ng

RT: 10.574 min Scan# 1447

Delta R.T. 0.006 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

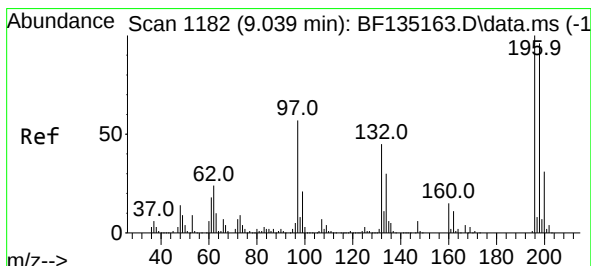
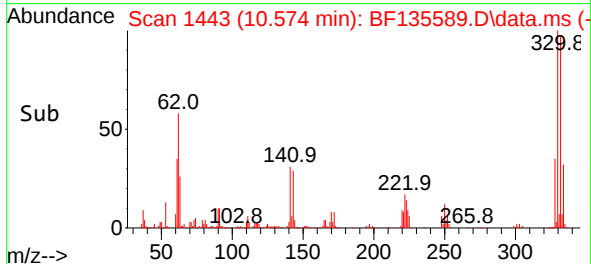
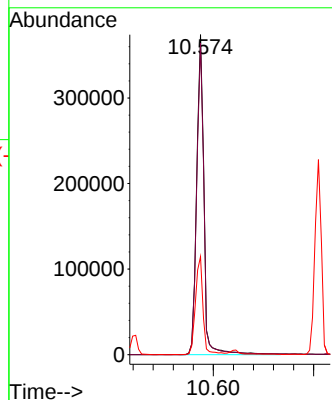
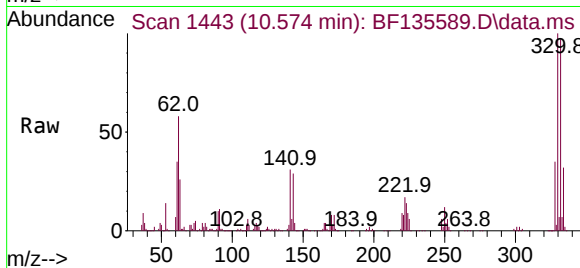
Tgt Ion:330 Resp: 374929

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 31.7 25.8 38.8



#43

2,4,6-Trichlorophenol

Concen: 51.327 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

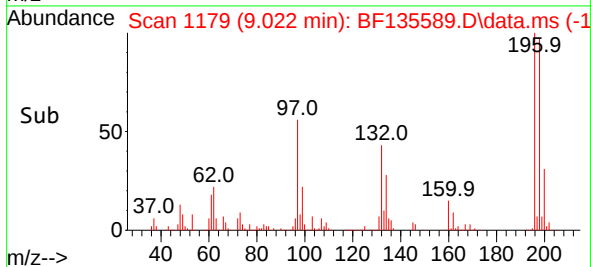
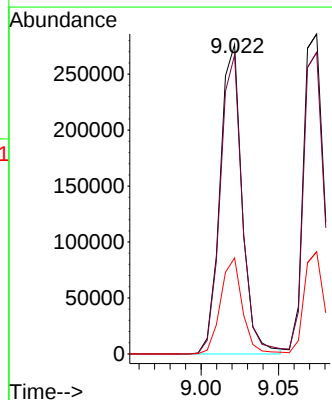
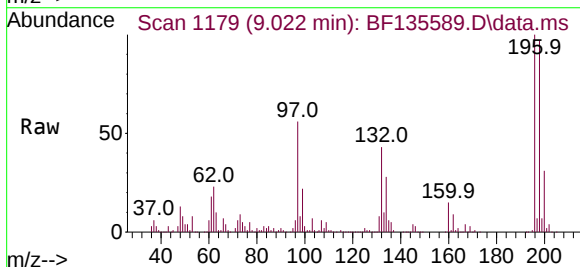
Tgt Ion:196 Resp: 274155

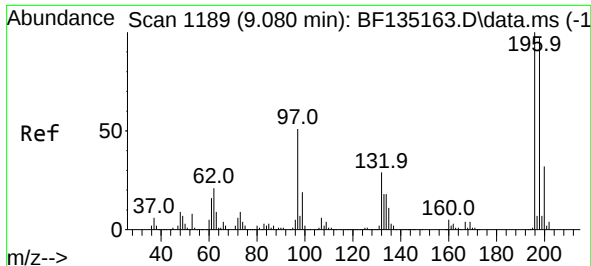
Ion Ratio Lower Upper

196 100

198 96.7 77.0 115.6

200 31.1 24.5 36.7

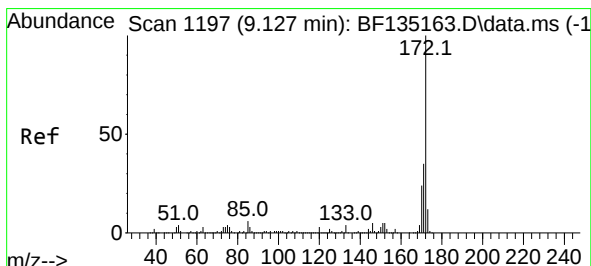
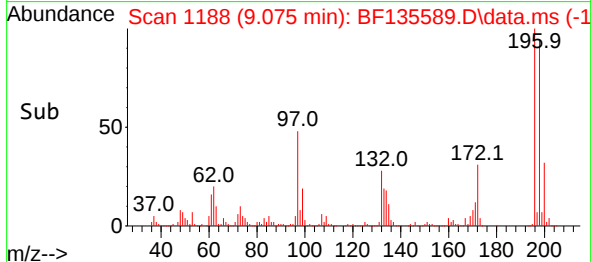
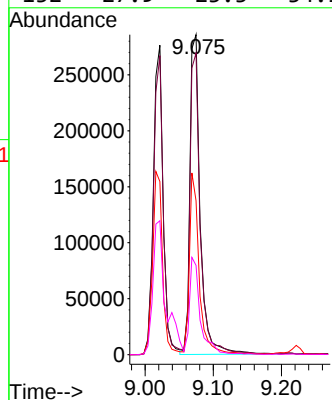
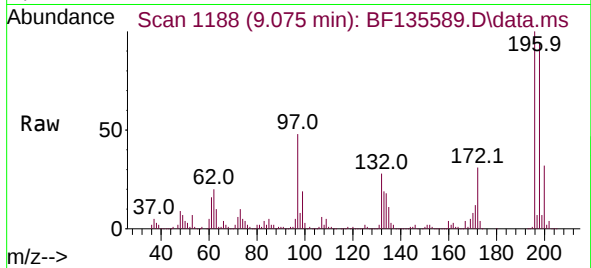




#44
2,4,5-Trichlorophenol
Concen: 48.401 ng
RT: 9.075 min Scan# 1189
Delta R.T. 0.012 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

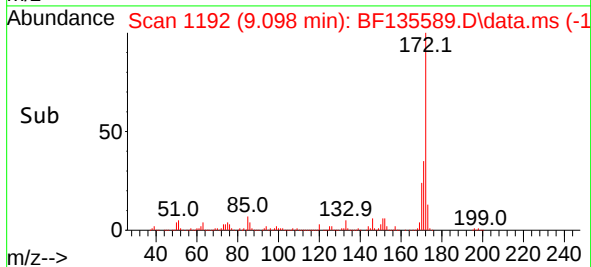
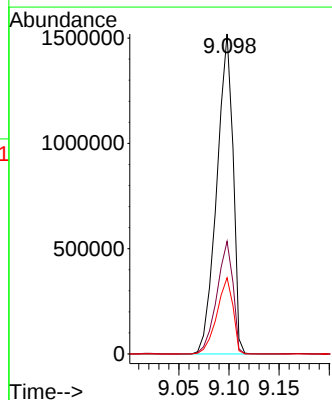
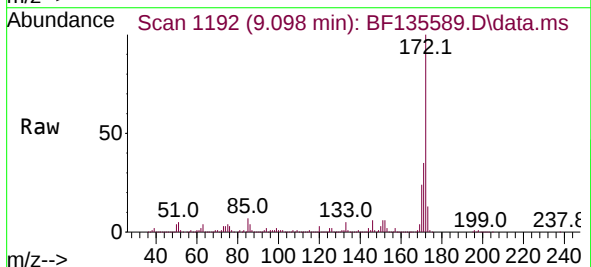
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

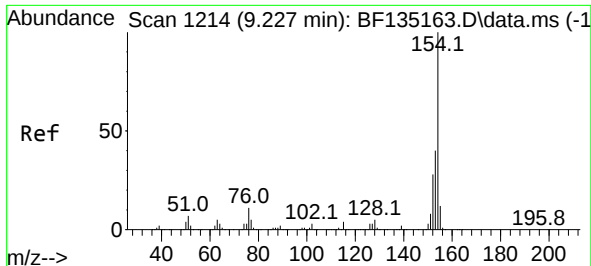
Tgt Ion:196 Resp: 297721
Ion Ratio Lower Upper
196 100
198 94.3 77.5 116.3
97 48.1 40.5 60.7
132 27.9 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 91.468 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:172 Resp: 1707172
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.8 19.0 28.4

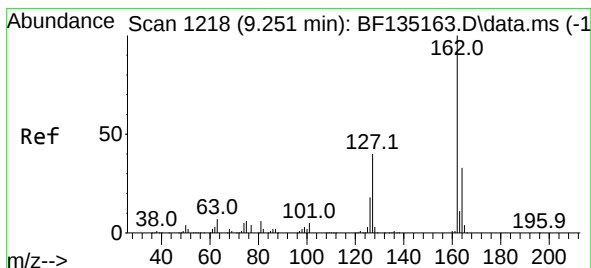
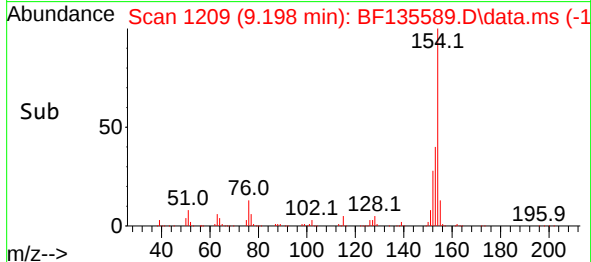
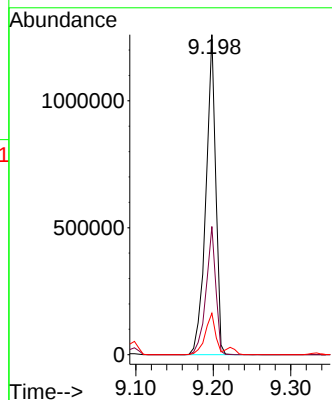
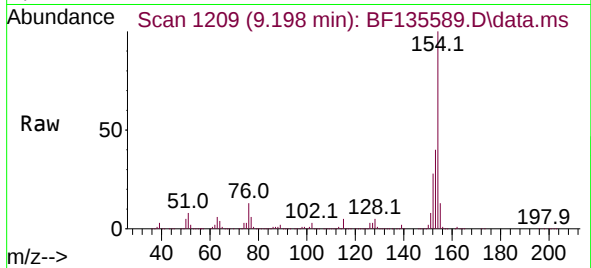




#46
1,1'-Biphenyl
Concen: 51.277 ng
RT: 9.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

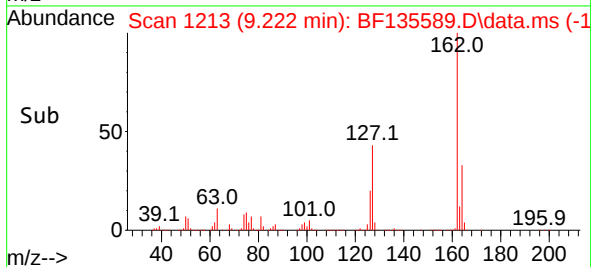
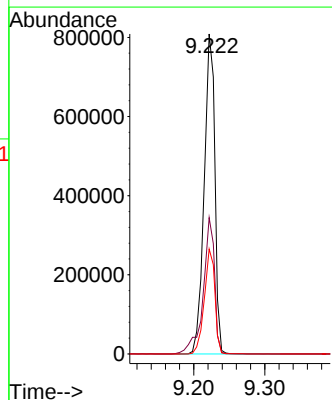
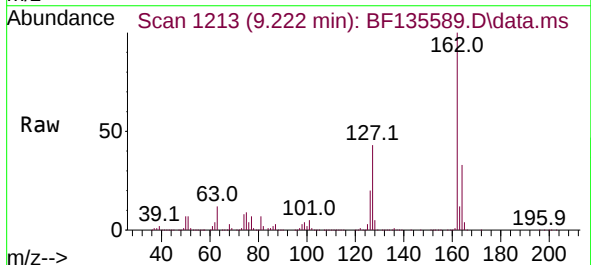
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

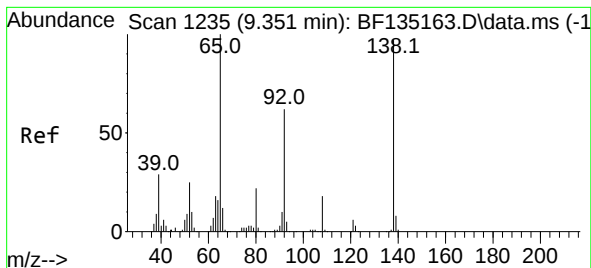
Tgt Ion:154 Resp: 1109623
Ion Ratio Lower Upper
154 100
153 40.0 19.6 59.6
76 12.9 0.0 31.0



#47
2-Chloronaphthalene
Concen: 53.969 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:162 Resp: 847353
Ion Ratio Lower Upper
162 100
127 42.6 32.6 48.8
164 32.8 26.2 39.2





#48

2-Nitroaniline

Concen: 51.012 ng

RT: 9.333 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

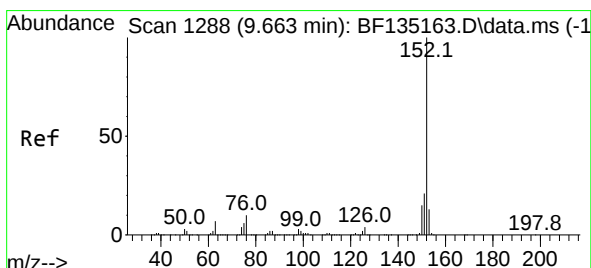
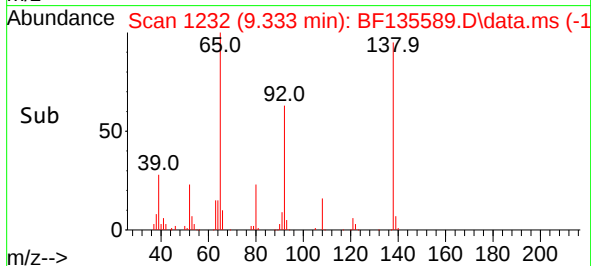
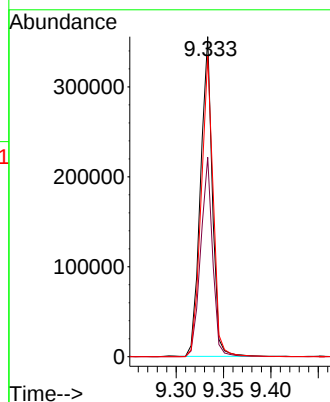
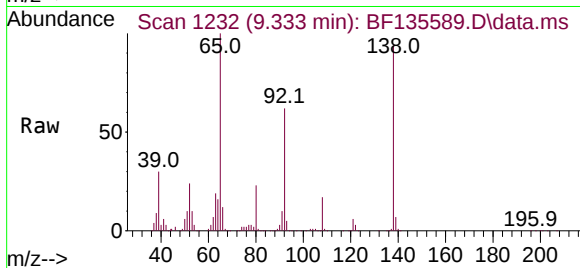
Tgt Ion: 65 Resp: 311162

Ion Ratio Lower Upper

65 100

92 62.3 49.4 74.0

138 93.8 77.4 116.0



#49

Acenaphthylene

Concen: 48.336 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

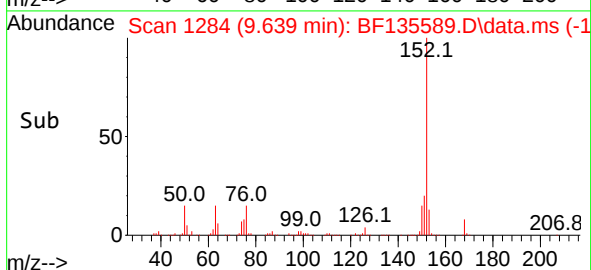
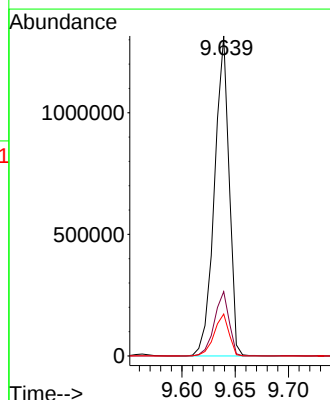
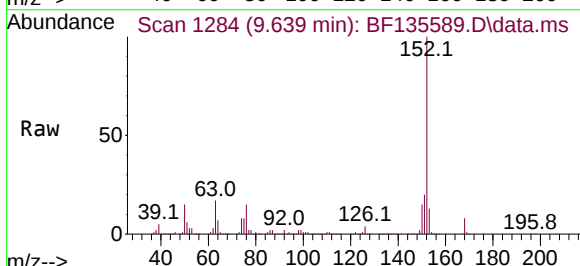
Tgt Ion: 152 Resp: 1261271

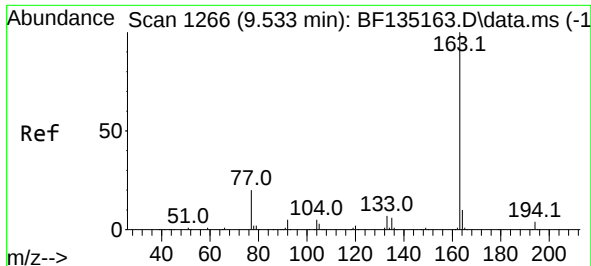
Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 13.1 10.4 15.6

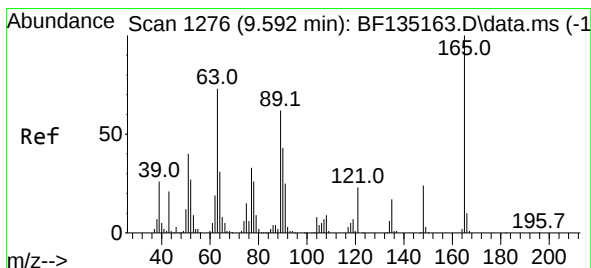
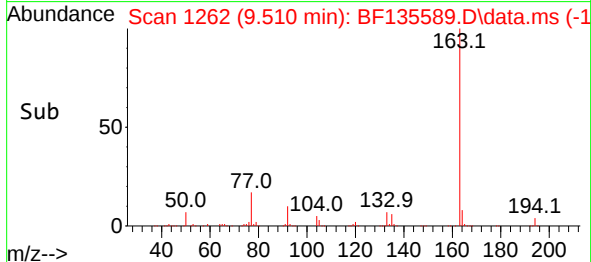
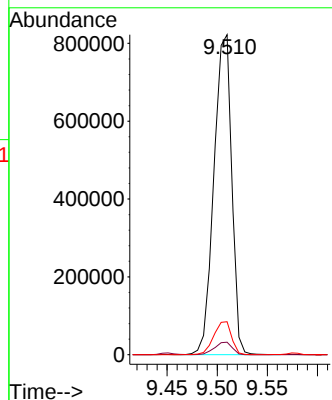
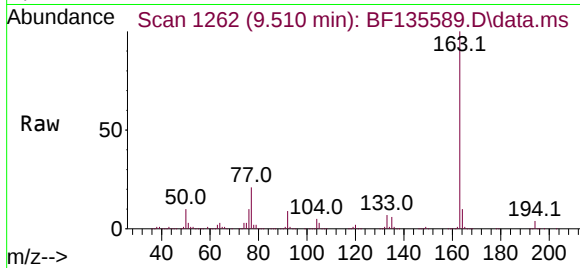




#50
Dimethylphthalate
Concen: 53.218 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

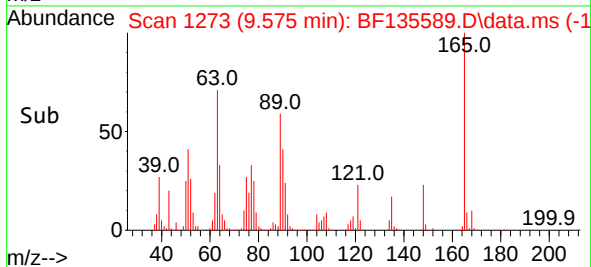
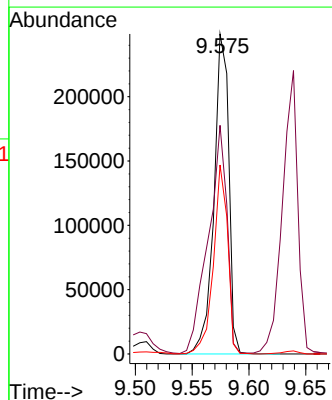
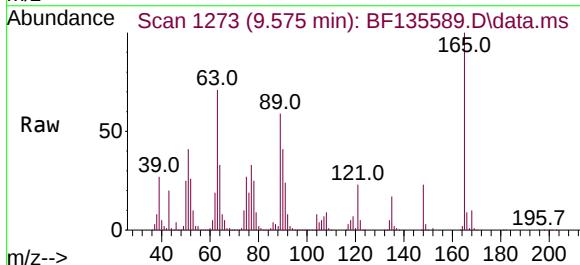
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

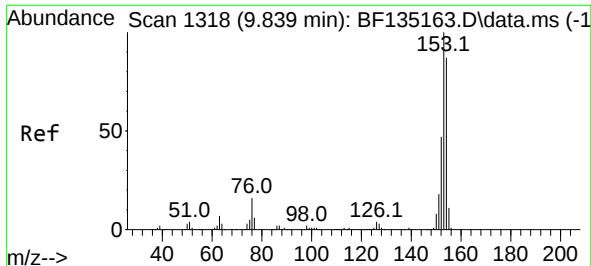
Tgt Ion:163 Resp: 1013178
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 54.023 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:165 Resp: 225312
Ion Ratio Lower Upper
165 100
63 71.5 59.4 89.2
89 59.0 49.8 74.8

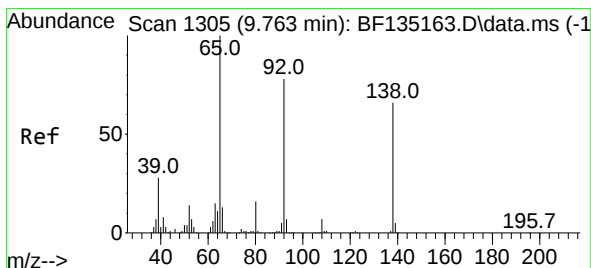
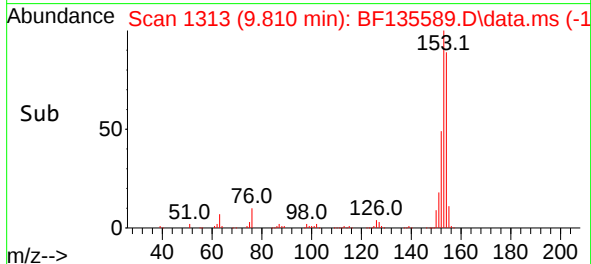
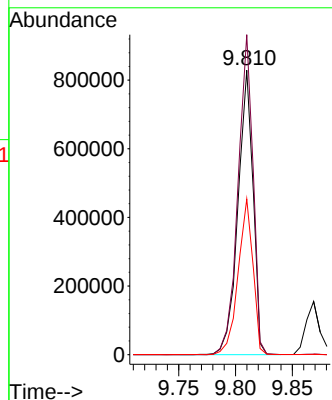
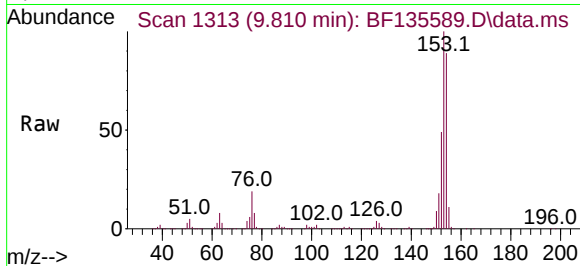




#52
Acenaphthene
Concen: 49.649 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

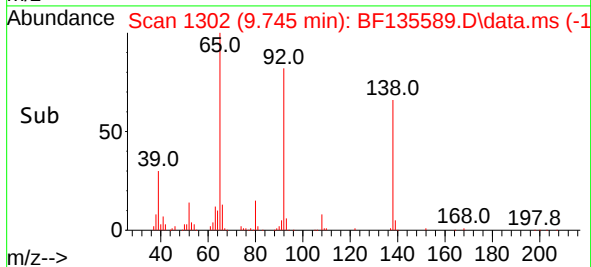
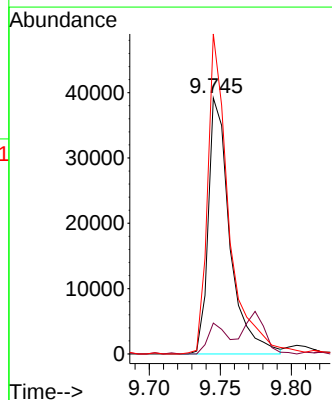
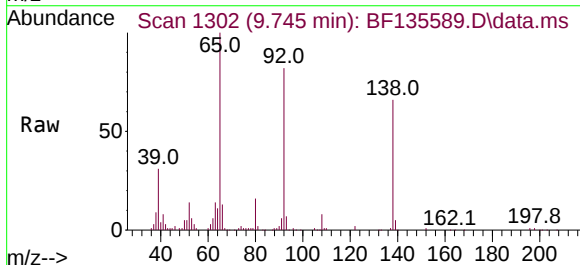
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

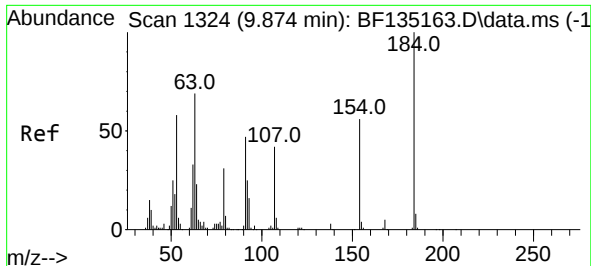
Tgt Ion:154 Resp: 765318
Ion Ratio Lower Upper
154 100
153 112.5 92.1 138.1
152 54.7 43.1 64.7



#53
3-Nitroaniline
Concen: 8.465 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:138 Resp: 41440
Ion Ratio Lower Upper
138 100
108 12.1 8.5 12.7
92 125.0 95.4 143.0

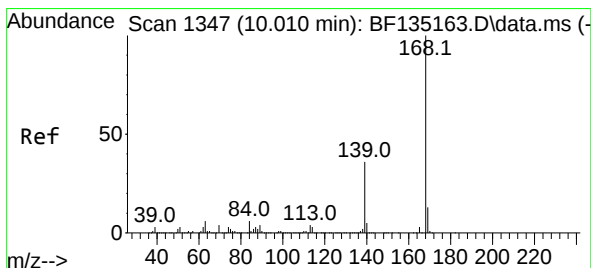
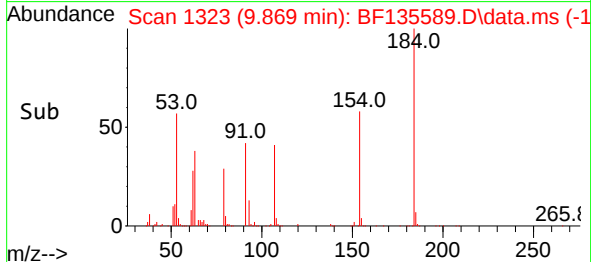
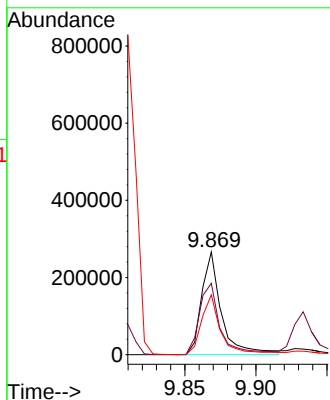
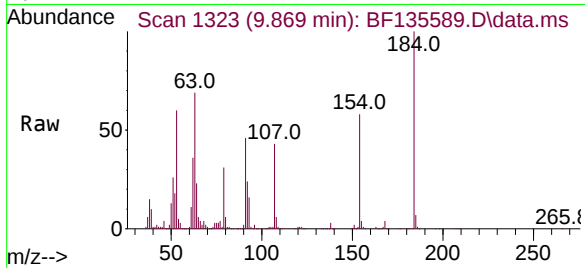




#54
2,4-Dinitrophenol
Concen: 106.802 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

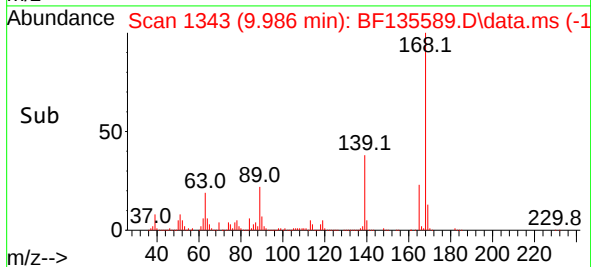
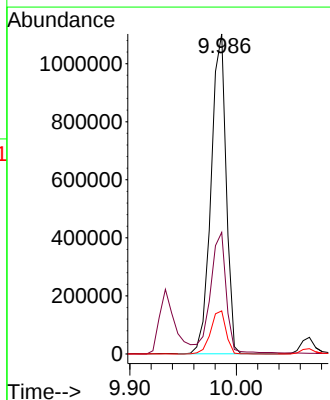
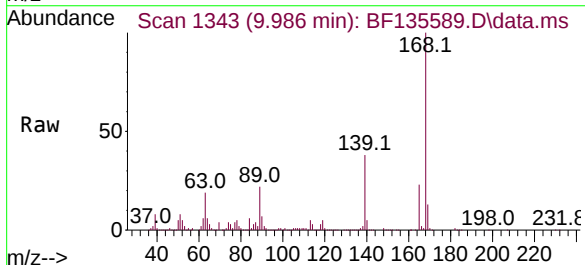
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

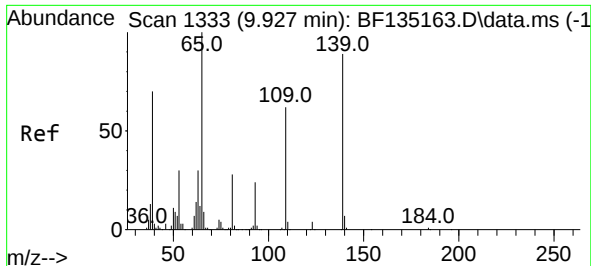
Tgt Ion:184 Resp: 258245
Ion Ratio Lower Upper
184 100
63 69.4 55.1 82.7
154 58.3 48.4 72.6



#55
Dibenzofuran
Concen: 46.151 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:168 Resp: 1085582
Ion Ratio Lower Upper
168 100
139 38.0 29.0 43.6
169 13.4 10.4 15.6

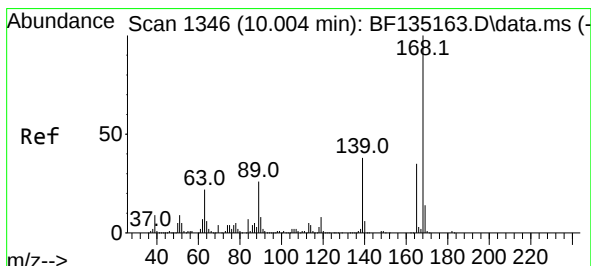
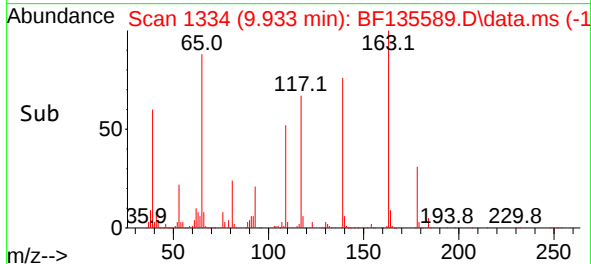
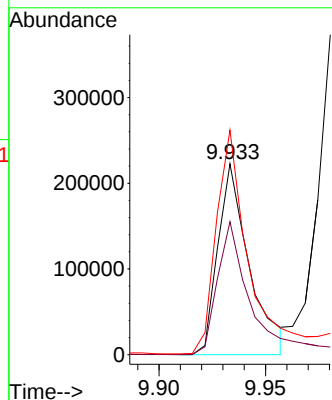
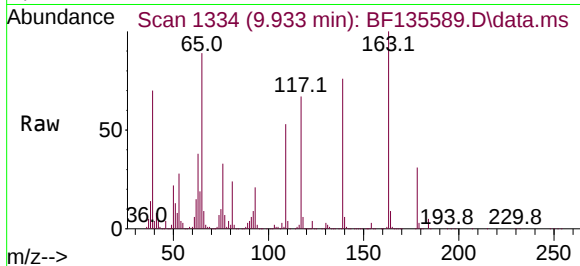




#56
4-Nitrophenol
Concen: 73.101 ng
RT: 9.933 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

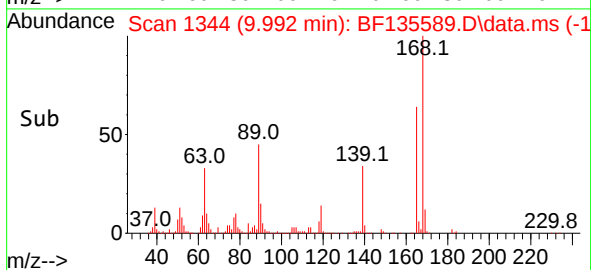
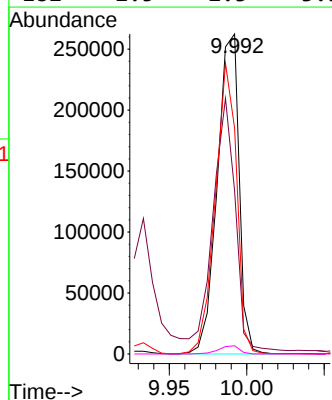
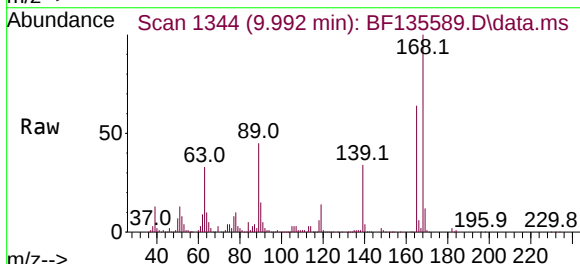
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

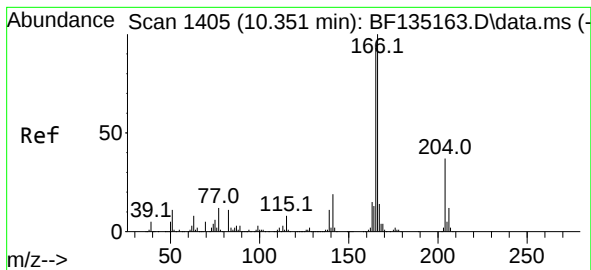
Tgt Ion:139 Resp: 227448
Ion Ratio Lower Upper
139 100
109 69.7 49.8 89.8
65 117.7 92.7 132.7



#57
2,4-Dinitrotoluene
Concen: 49.230 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:165 Resp: 257042
Ion Ratio Lower Upper
165 100
63 51.0 50.1 75.1
89 70.5 59.3 88.9
182 2.5 2.3 3.5





#58

Fluorene

Concen: 47.492 ng

RT: 10.327 min Scan# 1405

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

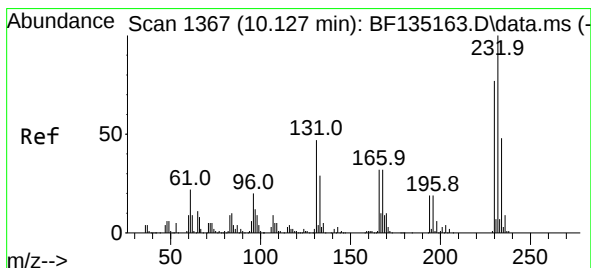
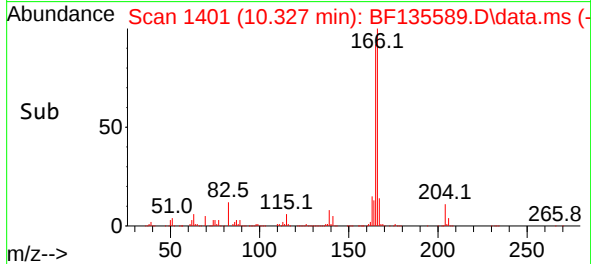
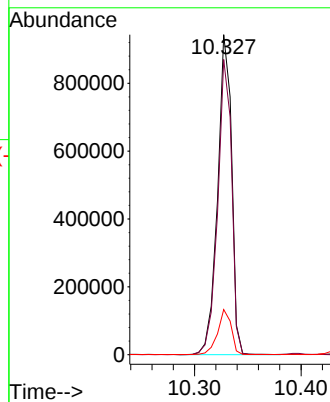
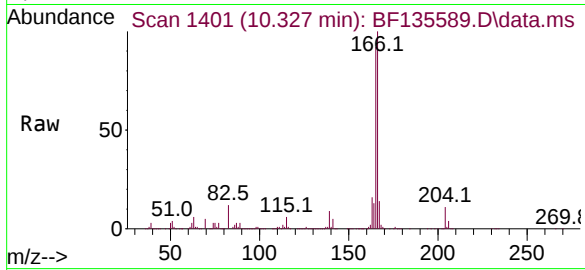
Tgt Ion:166 Resp: 858811

Ion Ratio Lower Upper

166 100

165 92.2 74.3 111.5

167 14.1 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 51.737 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Tgt Ion:232 Resp: 244802

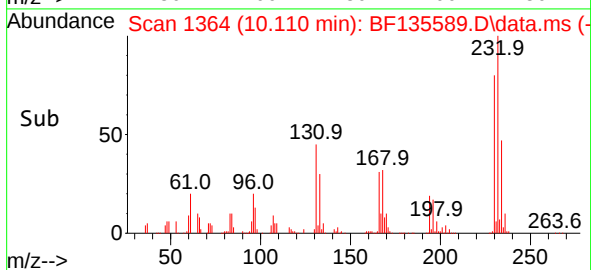
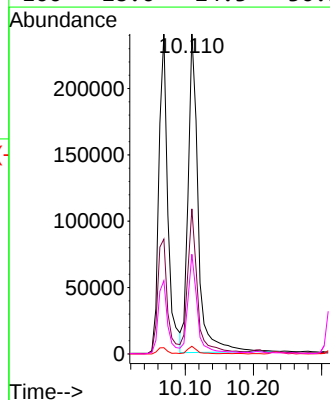
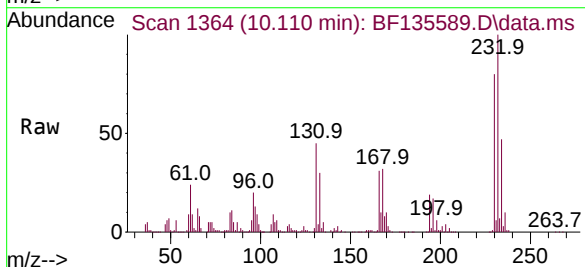
Ion Ratio Lower Upper

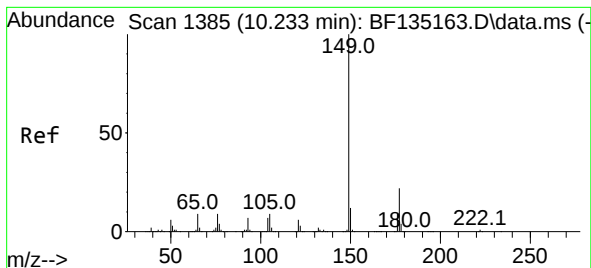
232 100

131 42.3 35.4 53.2

130 2.1 1.8 2.8

166 28.6 24.3 36.5





#60

Diethylphthalate

Concen: 49.802 ng

RT: 10.210 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

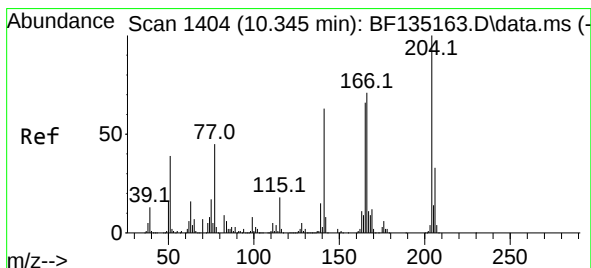
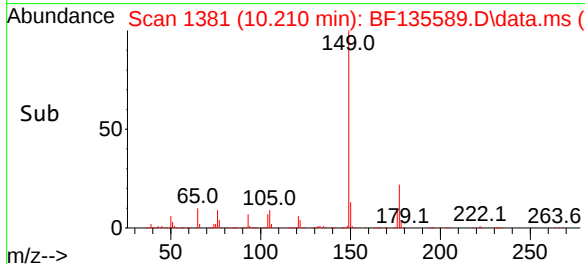
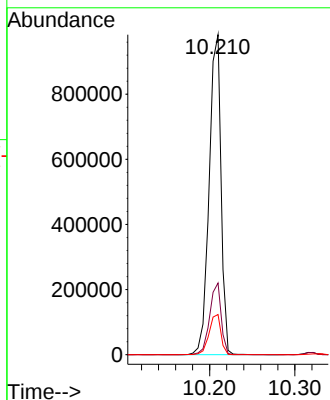
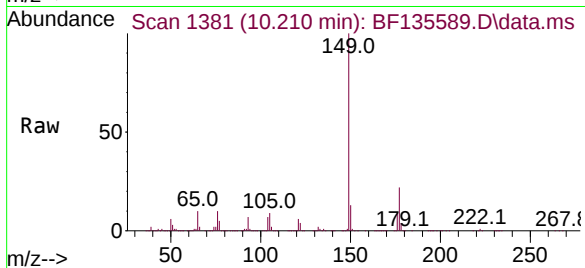
Tgt Ion:149 Resp: 951547

Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.6

150 12.6 10.0 15.0



#61

4-Chlorophenyl-phenylether

Concen: 45.525 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.006 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

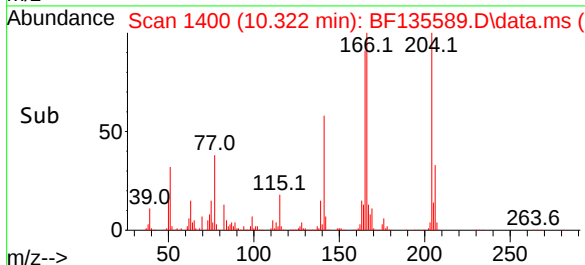
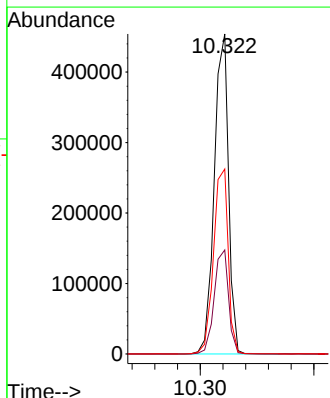
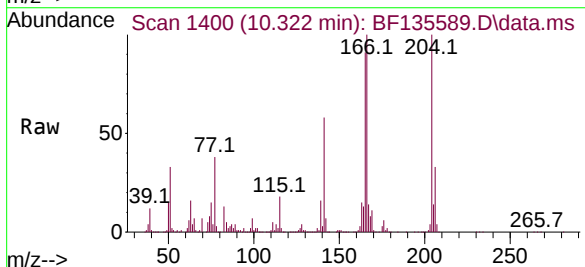
Tgt Ion:204 Resp: 395454

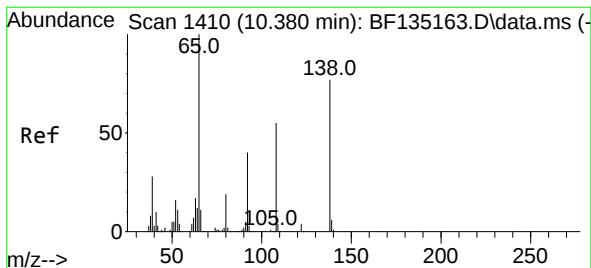
Ion Ratio Lower Upper

204 100

206 32.5 26.7 40.1

141 57.8 50.6 75.8

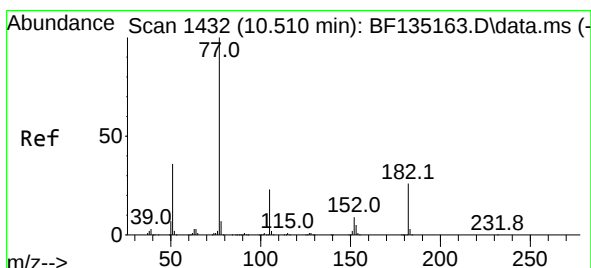
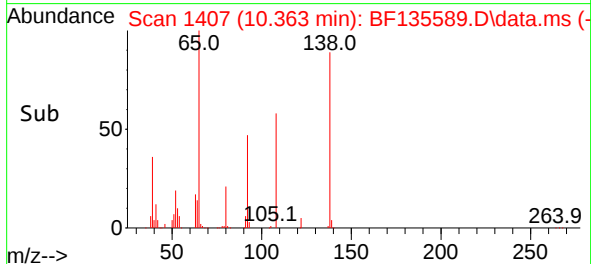
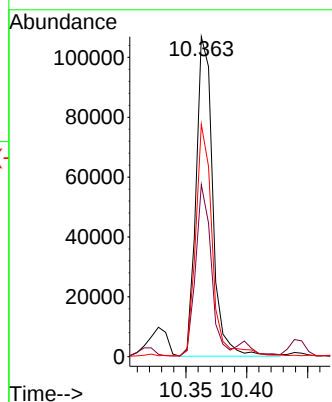
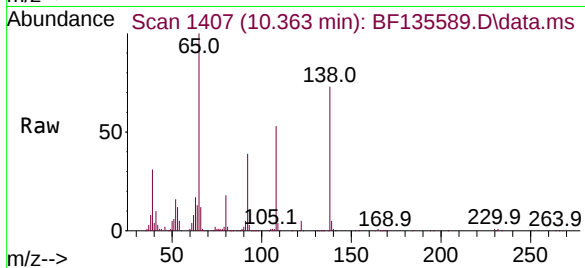




#62
4-Nitroaniline
Concen: 21.630 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

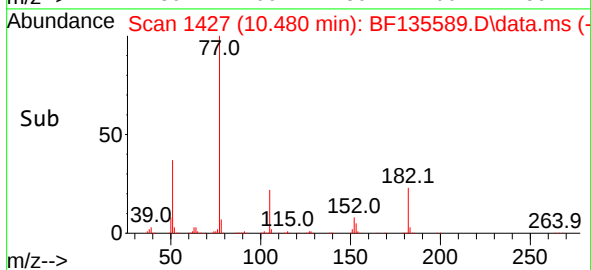
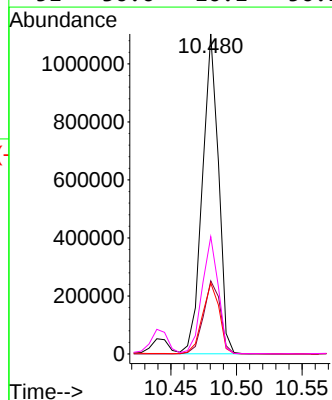
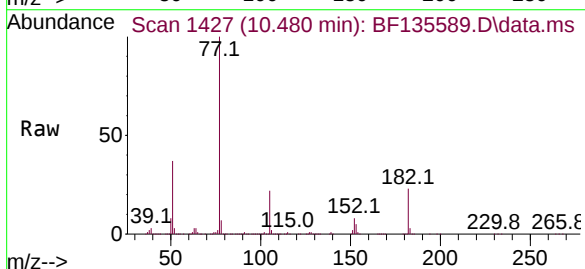
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

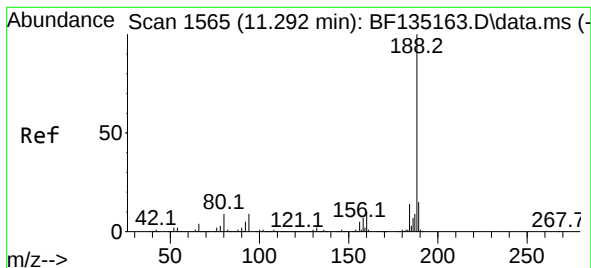
Tgt Ion:138 Resp: 101790
Ion Ratio Lower Upper
138 100
92 53.8 31.8 71.8
108 72.7 52.0 92.0



#63
Azobenzene
Concen: 50.411 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion: 77 Resp: 942659
Ion Ratio Lower Upper
77 100
182 22.8 6.4 46.4
105 22.2 3.1 43.1
51 36.6 16.1 56.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

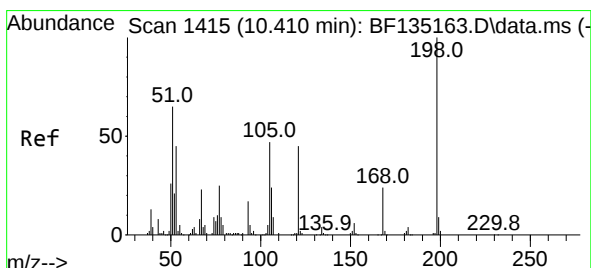
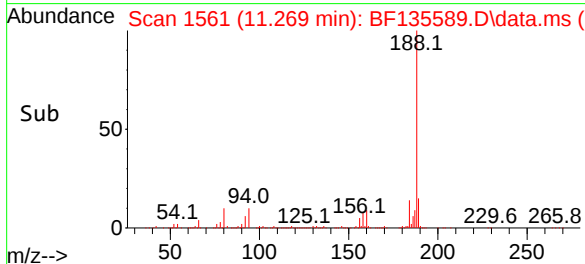
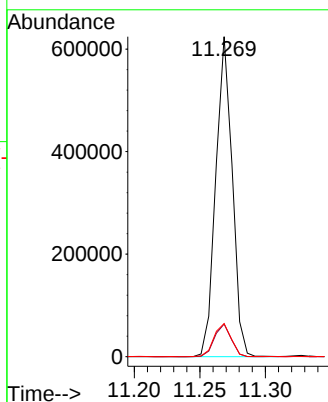
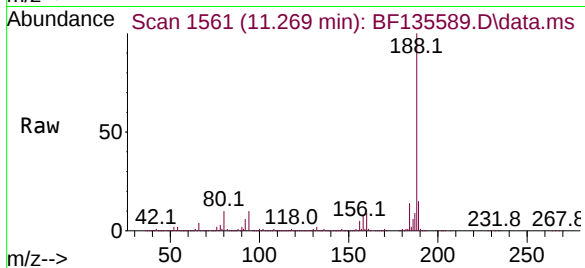
Tgt Ion:188 Resp: 544236

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

80 10.4 7.5 11.3



#65

4,6-Dinitro-2-methylphenol

Concen: 56.704 ng

RT: 10.398 min Scan# 1413

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

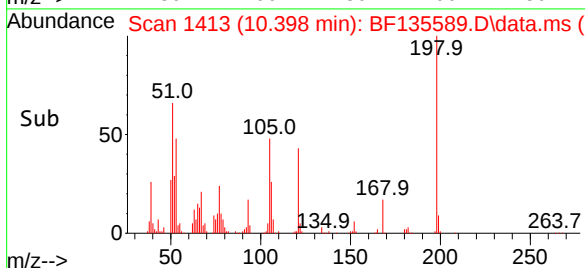
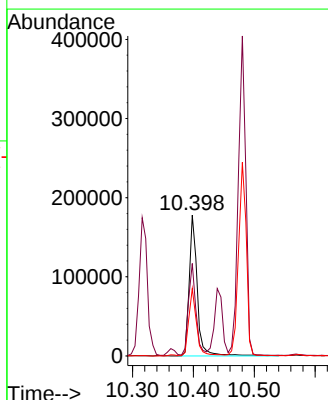
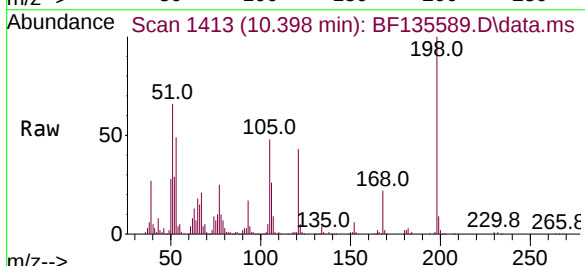
Tgt Ion:198 Resp: 163909

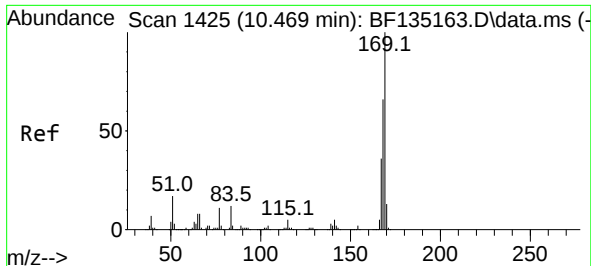
Ion Ratio Lower Upper

198 100

51 65.7 47.7 87.7

105 47.8 27.4 67.4

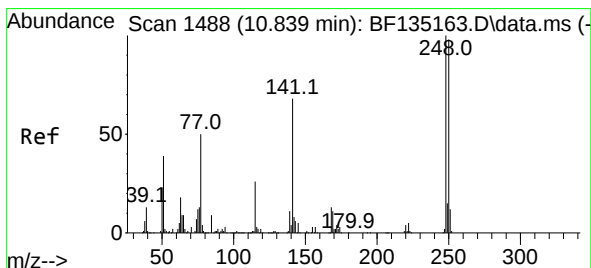
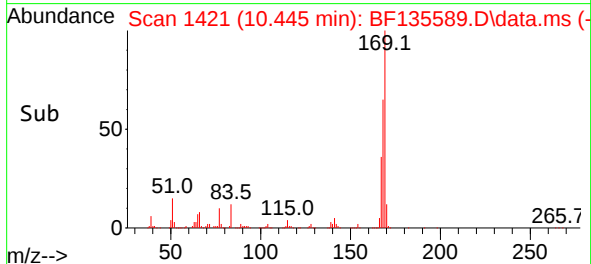
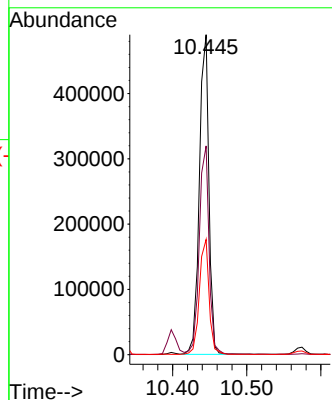
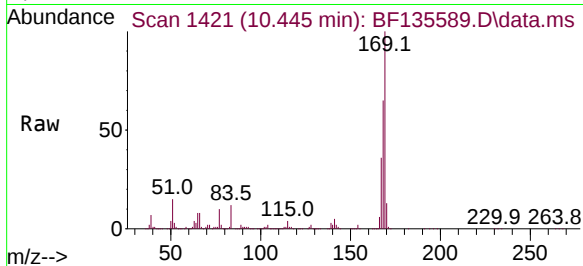




#66
n-Nitrosodiphenylamine
Concen: 26.435 ng
RT: 10.445 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

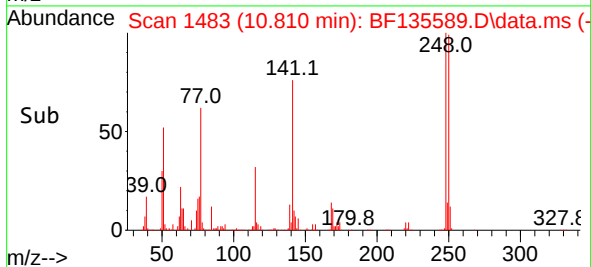
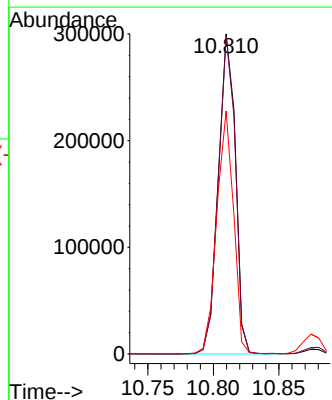
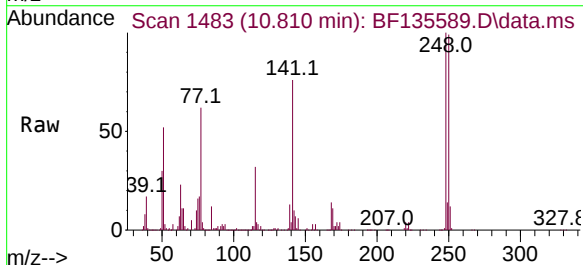
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

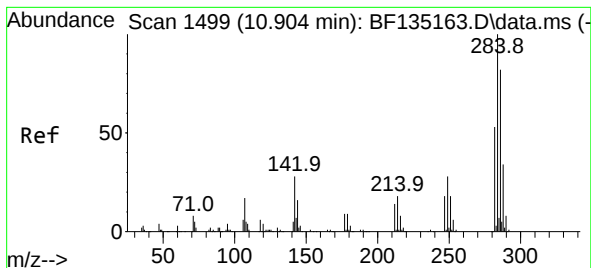
Tgt Ion:169 Resp: 435552
Ion Ratio Lower Upper
169 100
168 65.2 52.8 79.2
167 36.0 29.0 43.6



#67
4-Bromophenyl-phenylether
Concen: 50.250 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:248 Resp: 271996
Ion Ratio Lower Upper
248 100
250 99.5 78.6 117.8
141 76.0 54.2 81.2





#68

Hexachlorobenzene

Concen: 53.228 ng

RT: 10.874 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

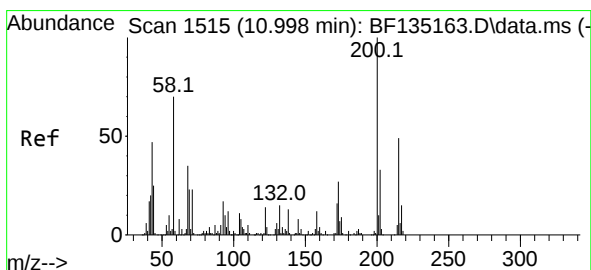
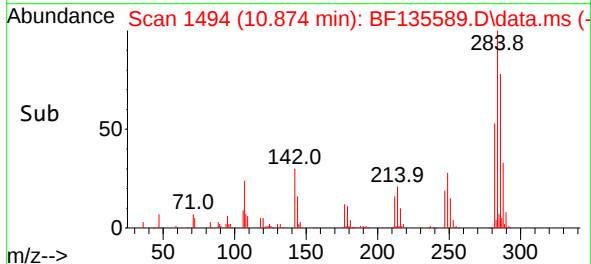
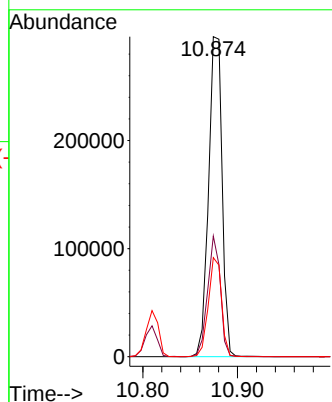
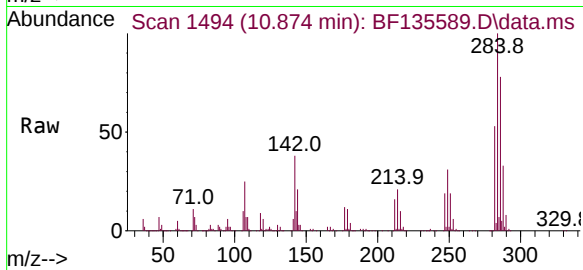
Tgt Ion:284 Resp: 293520

Ion Ratio Lower Upper

284 100

142 37.7 22.2 33.4#

249 30.9 22.5 33.7



#69

Atrazine

Concen: 2.113 ng

RT: 10.974 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

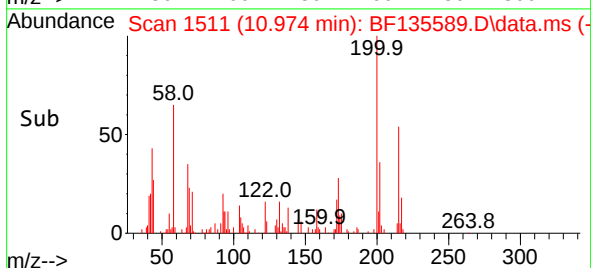
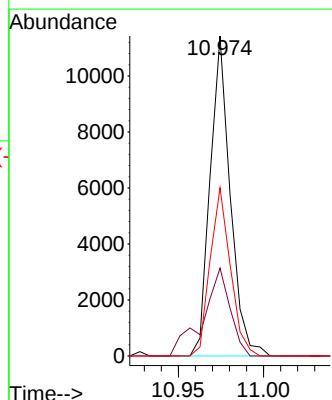
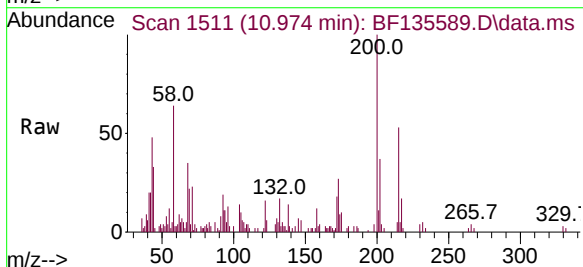
Tgt Ion:200 Resp: 9368

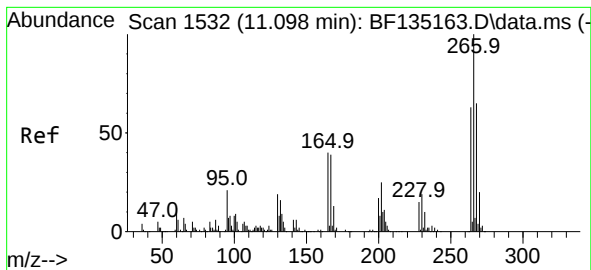
Ion Ratio Lower Upper

200 100

173 27.5 7.4 47.4

215 52.6 28.6 68.6





#70

Pentachlorophenol

Concen: 86.768 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

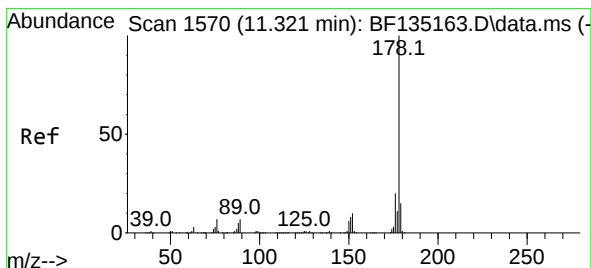
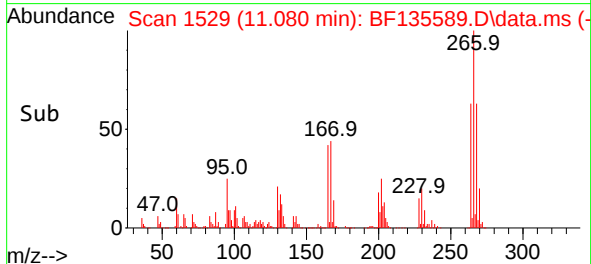
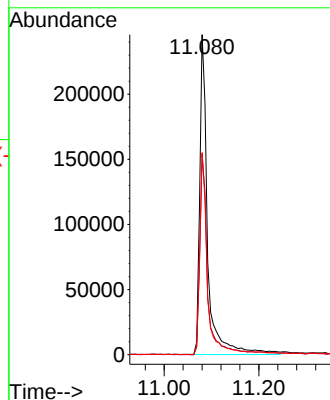
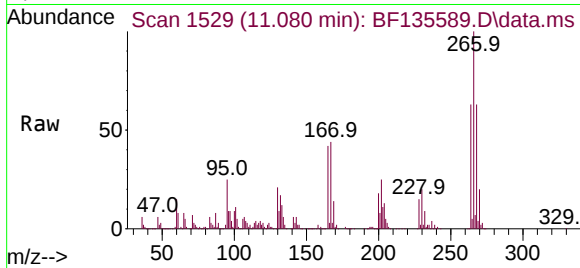
Tgt Ion:266 Resp: 286272

Ion Ratio Lower Upper

266 100

268 62.6 52.1 78.1

264 63.2 50.8 76.2



#71

Phenanthrene

Concen: 51.512 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

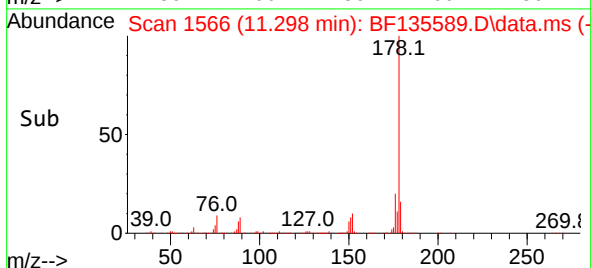
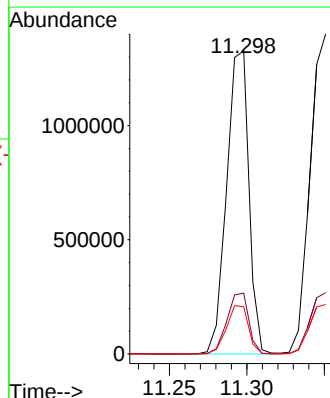
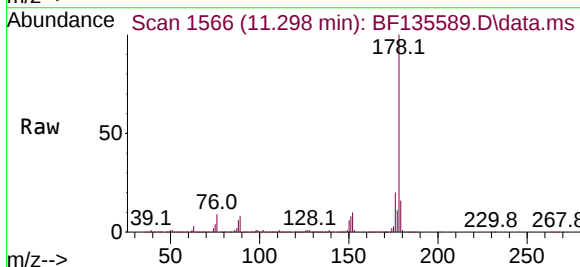
Tgt Ion:178 Resp: 1325917

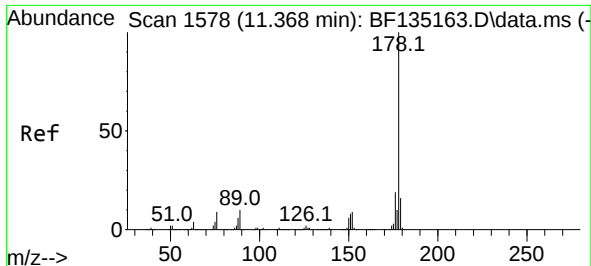
Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

179 15.6 12.0 18.0

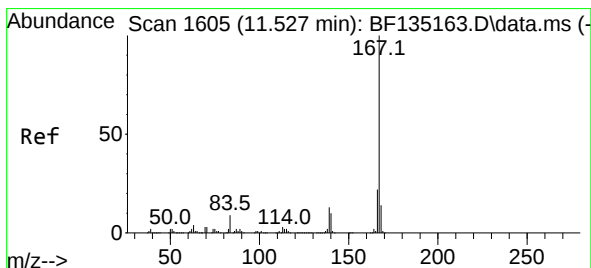
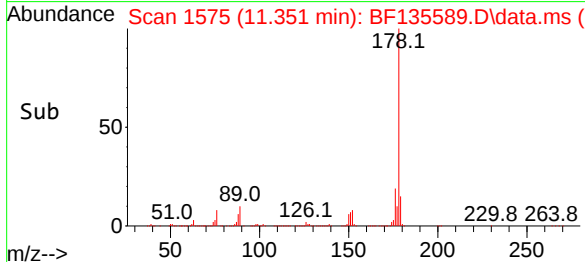
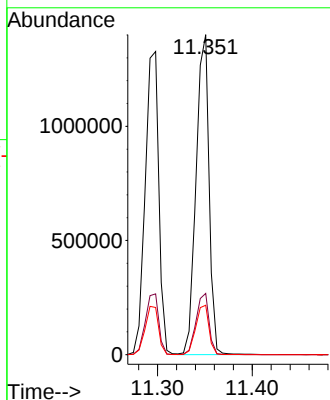
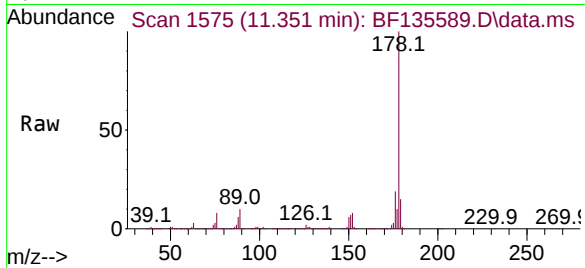




#72
 Anthracene
 Concen: 50.664 ng
 RT: 11.351 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF135589.D
 Acq: 05 Oct 2023 01:30

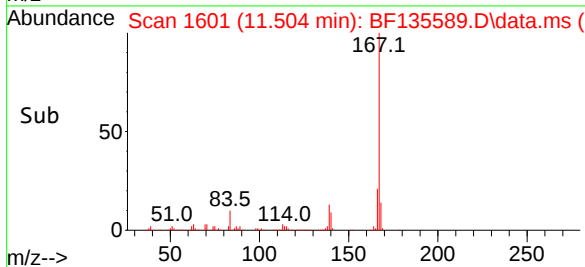
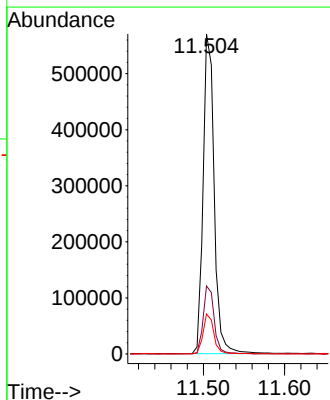
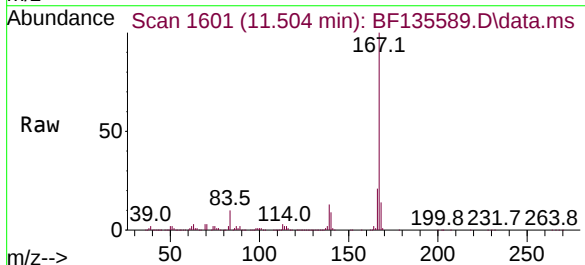
Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMPMSD

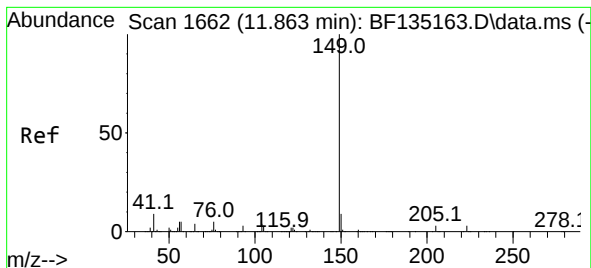
Tgt Ion:178 Resp: 1340462
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0



#73
 Carbazole
 Concen: 22.360 ng
 RT: 11.504 min Scan# 1601
 Delta R.T. -0.006 min
 Lab File: BF135589.D
 Acq: 05 Oct 2023 01:30

Tgt Ion:167 Resp: 538549
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.5 10.6 15.8

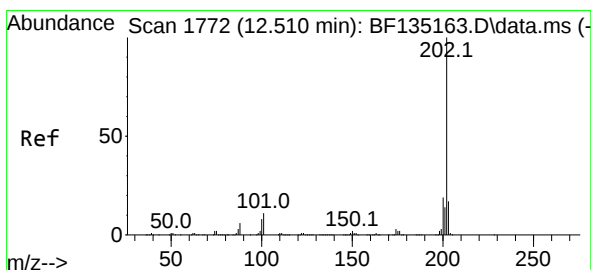
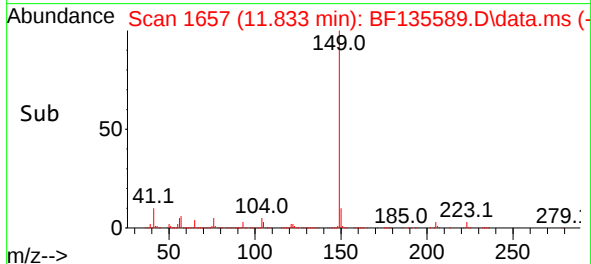
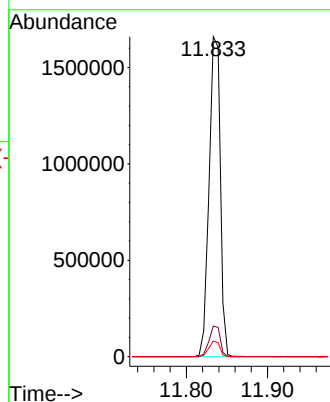
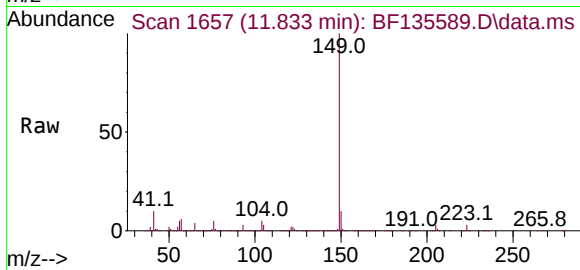




#74
Di-n-butylphthalate
Concen: 56.037 ng
RT: 11.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

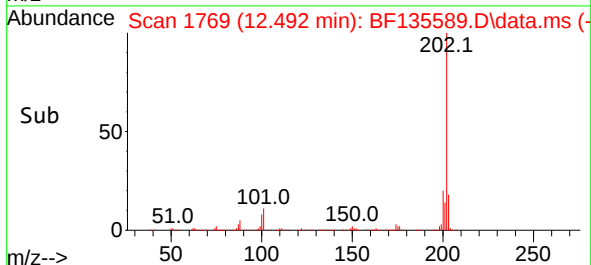
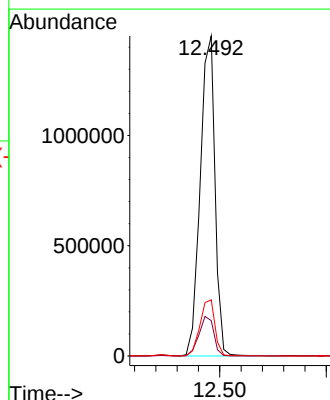
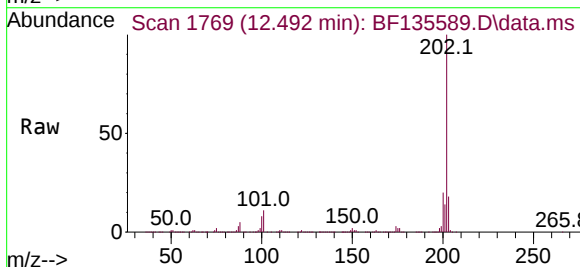
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

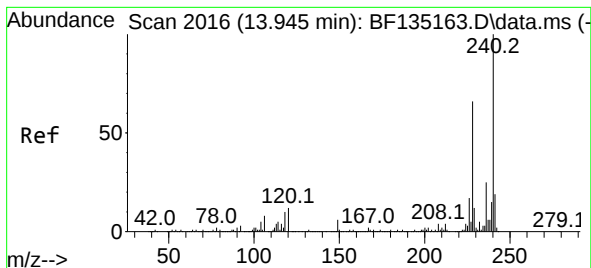
Tgt Ion:149 Resp: 1590361
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.0
104 4.9 3.6 5.4



#75
Fluoranthene
Concen: 52.221 ng
RT: 12.492 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:202 Resp: 1400620
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.3
203 17.5 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135589.D

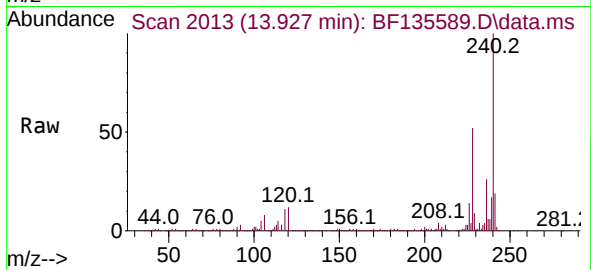
Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD



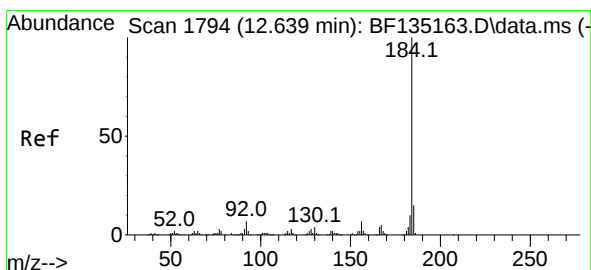
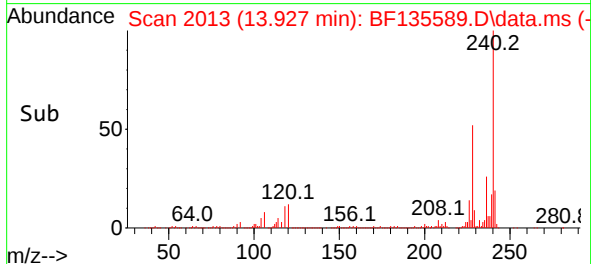
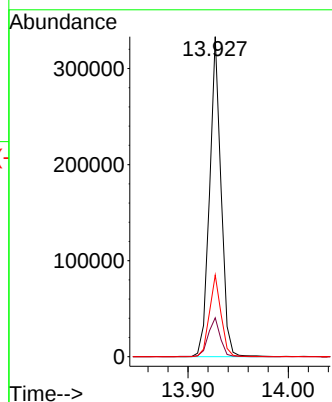
Tgt Ion:240 Resp: 265875

Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

236 25.5 19.8 29.8



#77

Benzidine

Concen: 2.462 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.024 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

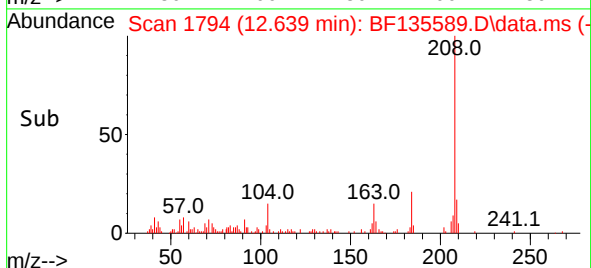
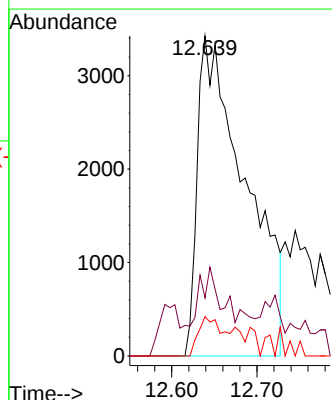
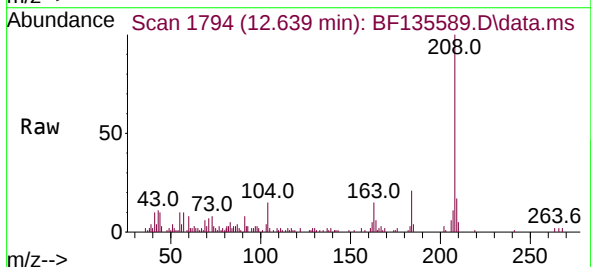
Tgt Ion:184 Resp: 13412

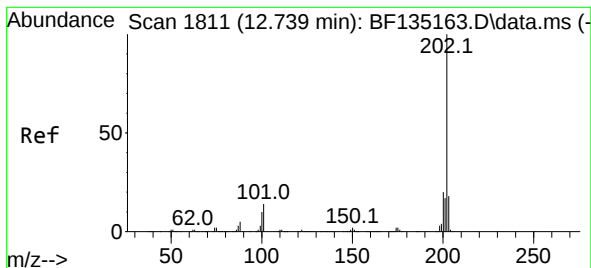
Ion Ratio Lower Upper

184 100

185 18.2 11.7 17.5#

183 12.3 8.2 12.4





#78

Pyrene

Concen: 55.030 ng

RT: 12.721 min Scan# 1808

Delta R.T. 0.006 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

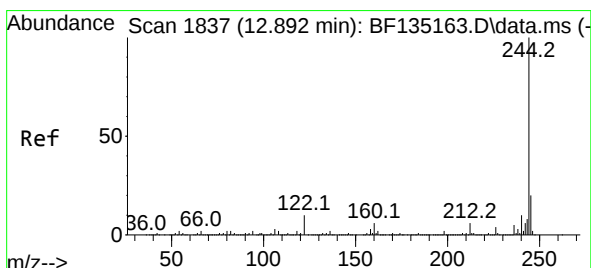
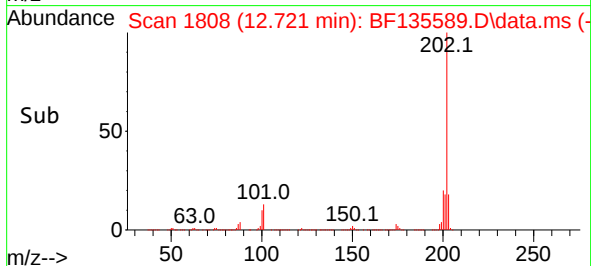
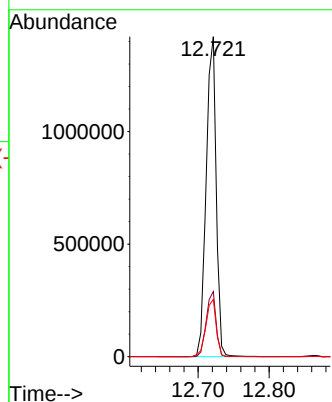
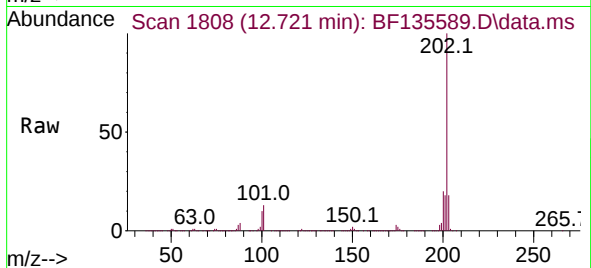
Tgt Ion:202 Resp: 1392990

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.9 14.2 21.4



#79

Terphenyl-d14

Concen: 93.138 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

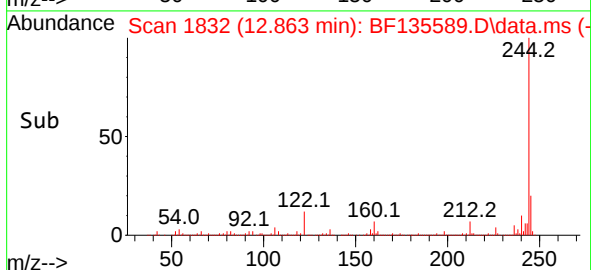
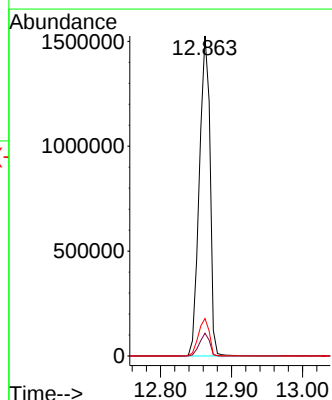
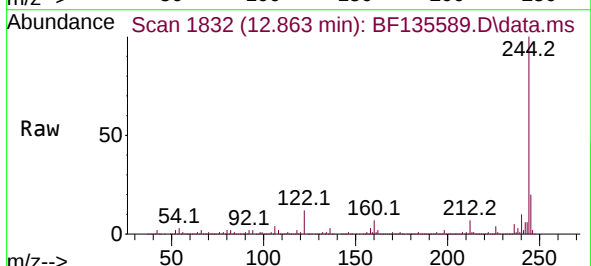
Tgt Ion:244 Resp: 1597423

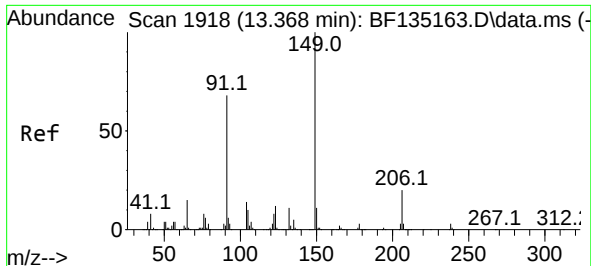
Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

122 11.7 7.9 11.9

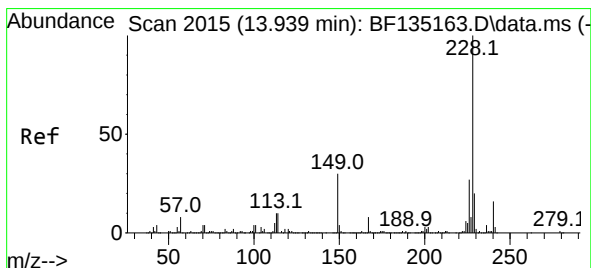
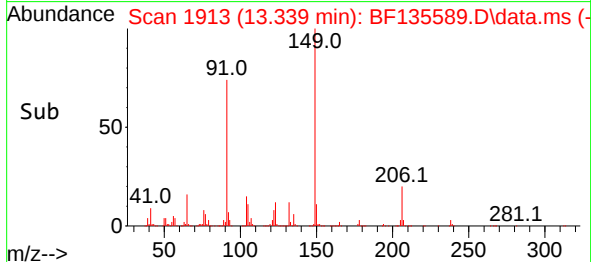
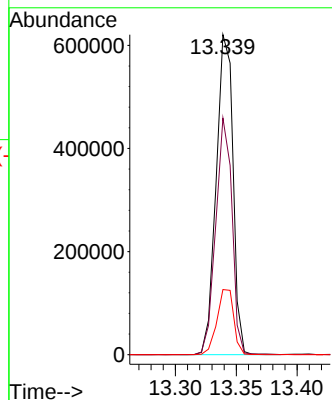
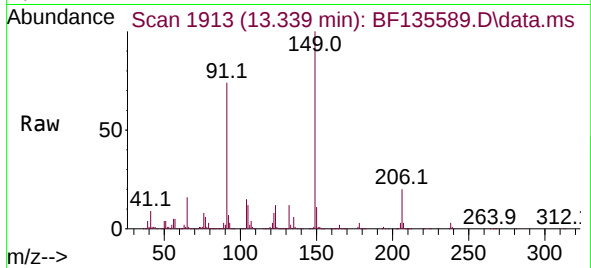




#80
Butylbenzylphthalate
Concen: 66.983 ng
RT: 13.339 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

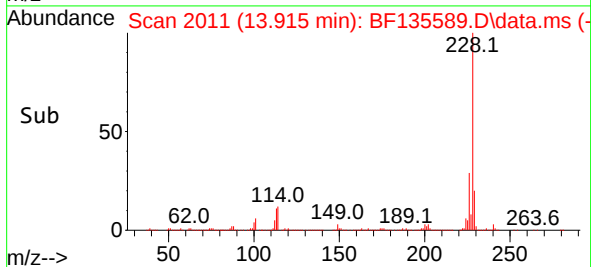
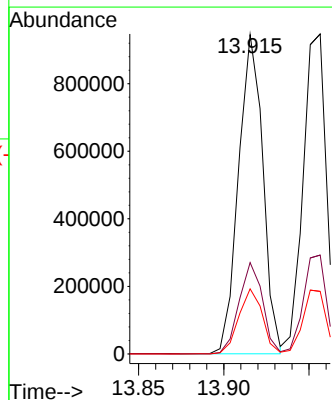
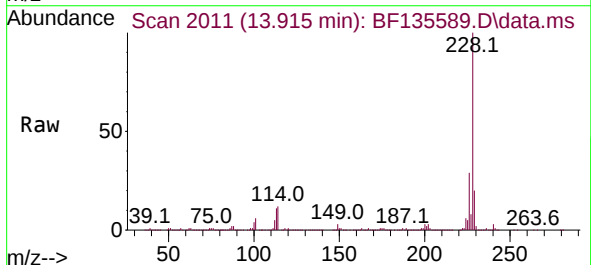
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

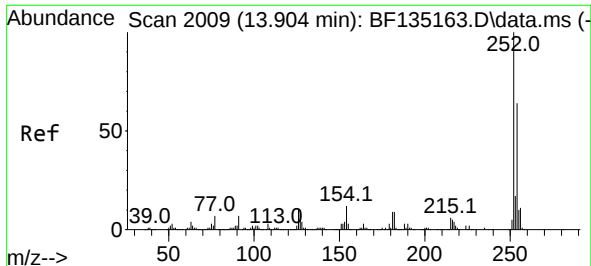
Tgt Ion:149 Resp: 596982
Ion Ratio Lower Upper
149 100
91 73.9 54.7 82.1
206 20.3 16.3 24.5



#81
Benzo(a)anthracene
Concen: 54.750 ng
RT: 13.915 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:228 Resp: 939962
Ion Ratio Lower Upper
228 100
226 28.6 21.7 32.5
229 20.4 15.8 23.8

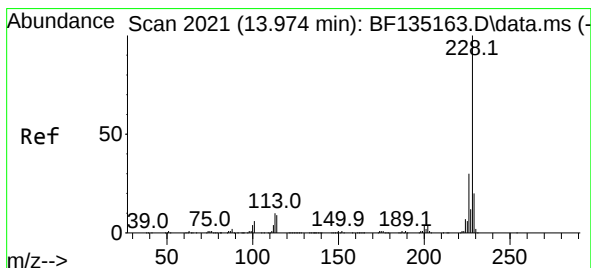
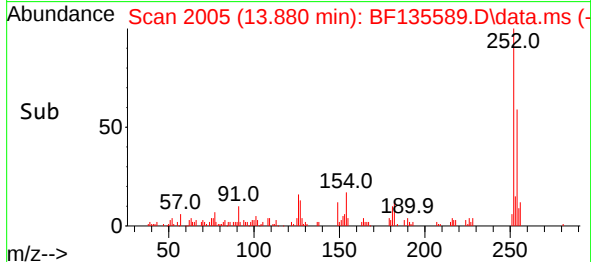
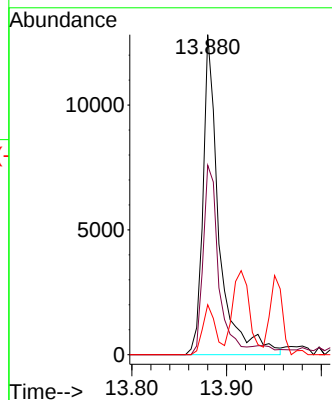
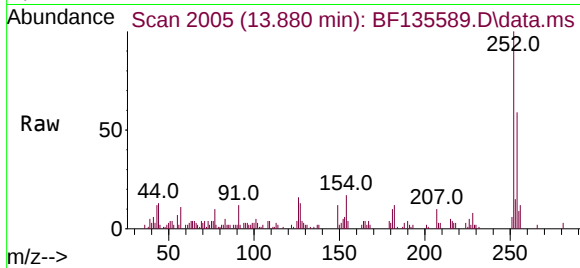




#82
3,3'-Dichlorobenzidine
Concen: 2.816 ng
RT: 13.880 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

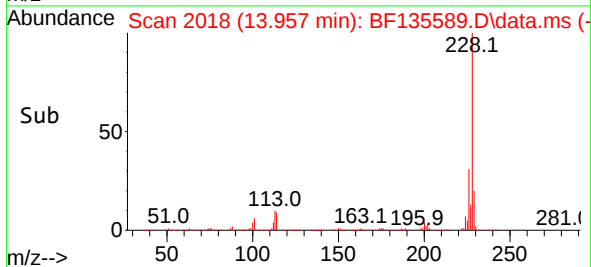
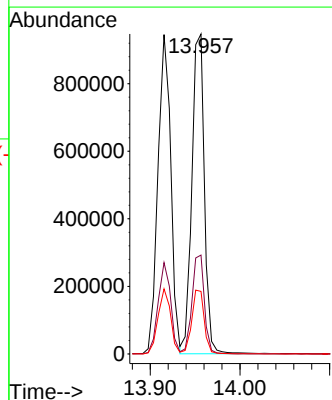
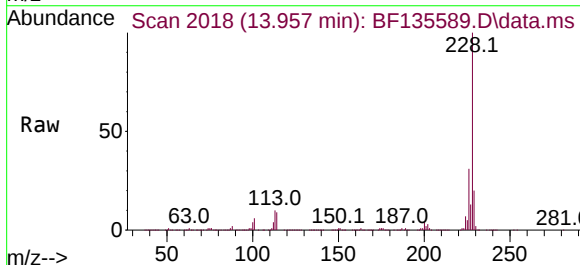
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

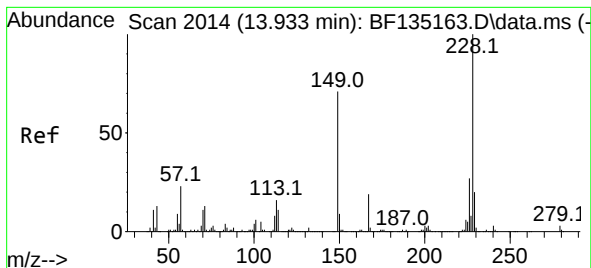
Tgt Ion:252 Resp: 15100
Ion Ratio Lower Upper
252 100
254 59.2 51.0 76.4
126 15.6 7.8 11.8#



#83
Chrysene
Concen: 53.727 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:228 Resp: 917069
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 19.5 16.0 24.0

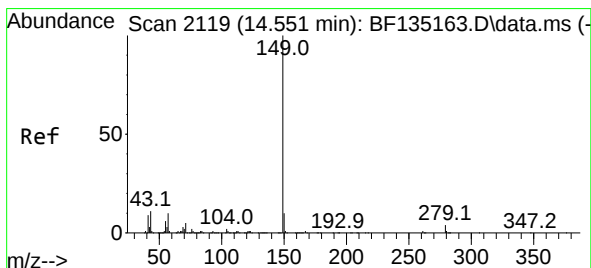
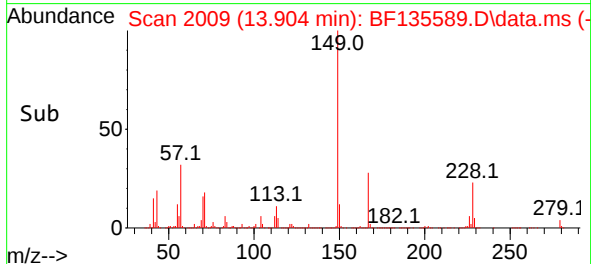
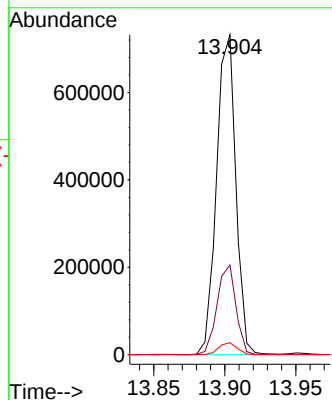
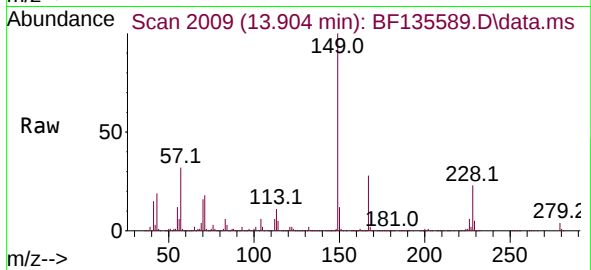




#84
Bis(2-ethylhexyl)phthalate
Concen: 75.610 ng
RT: 13.904 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

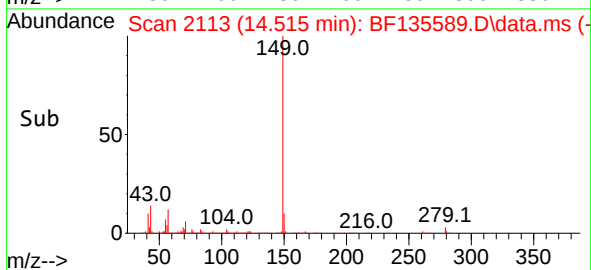
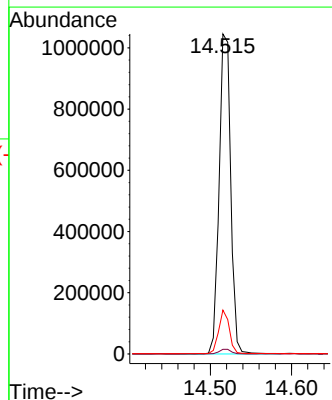
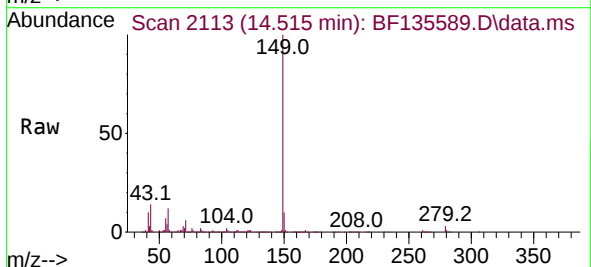
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMSD

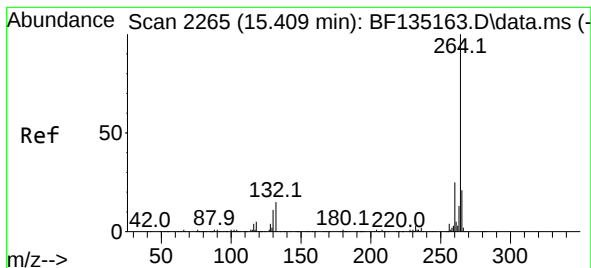
Tgt Ion:149 Resp: 691505
Ion Ratio Lower Upper
149 100
167 28.1 21.9 32.9
279 3.8 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 71.507 ng
RT: 14.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BF135589.D
Acq: 05 Oct 2023 01:30

Tgt Ion:149 Resp: 1039295
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.5 9.8 14.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

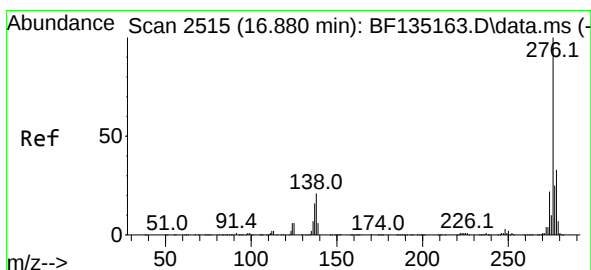
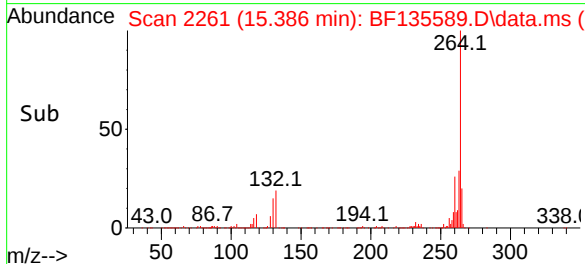
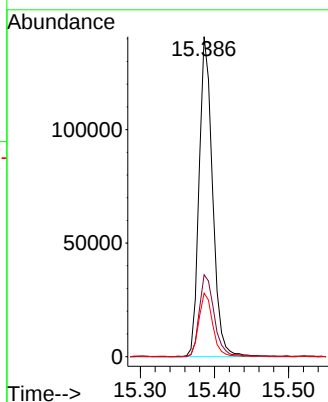
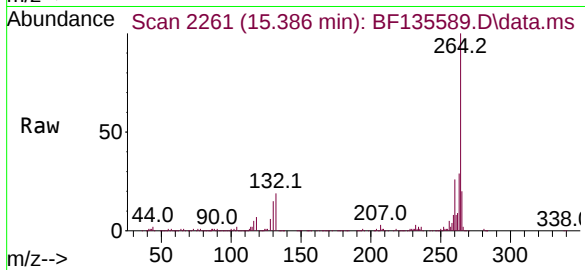
Tgt Ion:264 Resp: 177671

Ion Ratio Lower Upper

264 100

260 25.6 19.8 29.6

265 19.9 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 83.190 ng

RT: 16.880 min Scan# 2515

Delta R.T. 0.012 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

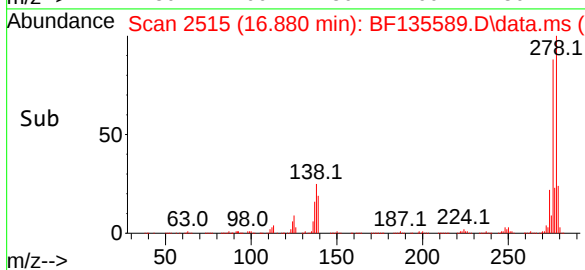
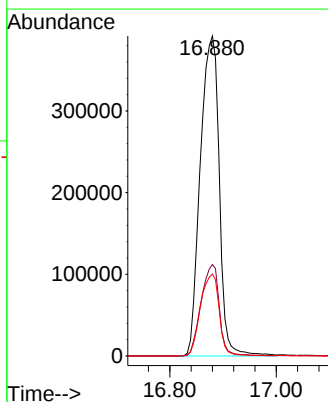
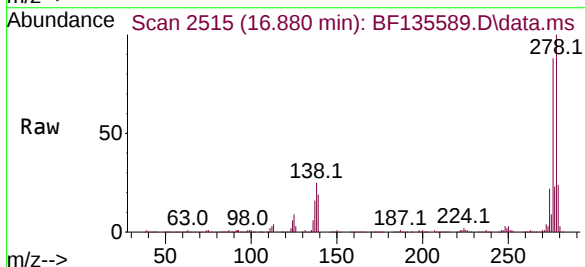
Tgt Ion:276 Resp: 969110

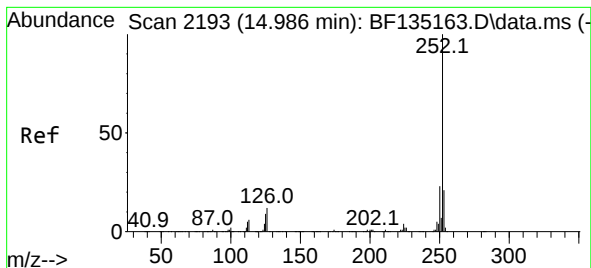
Ion Ratio Lower Upper

276 100

138 27.5 19.2 28.8

277 25.2 19.7 29.5





#88

Benzo(b)fluoranthene

Concen: 88.911 ng

RT: 14.962 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

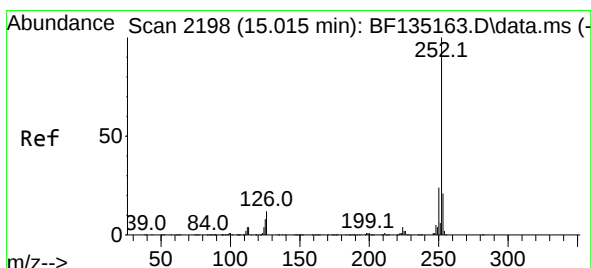
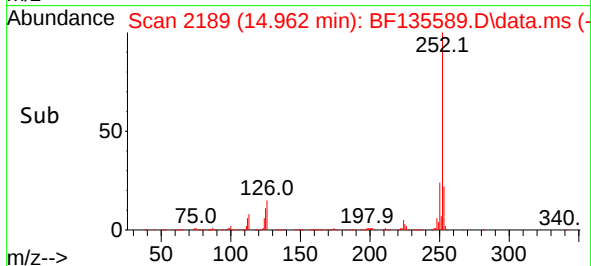
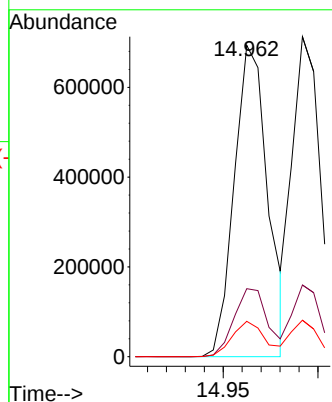
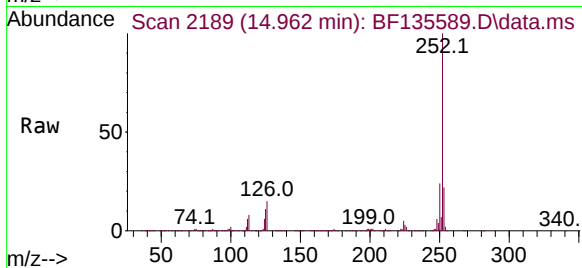
Tgt Ion:252 Resp: 855144

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 11.3 7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 79.598 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

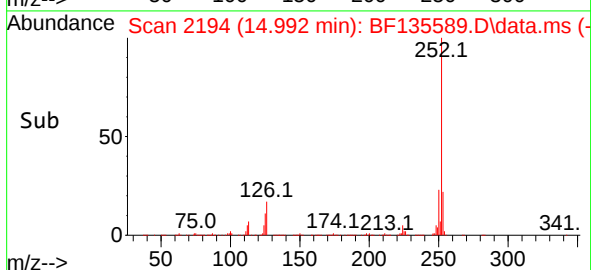
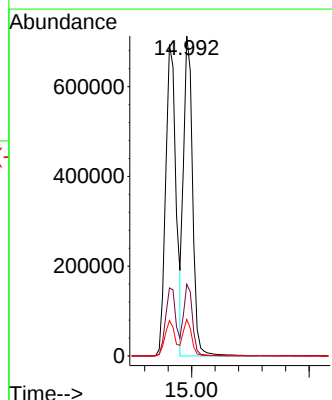
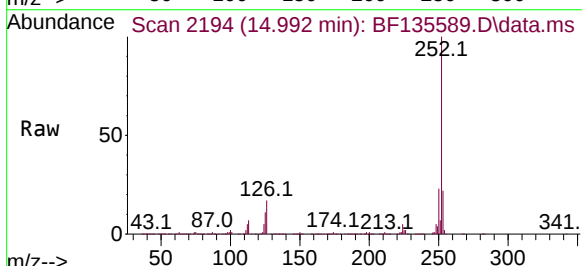
Tgt Ion:252 Resp: 756251

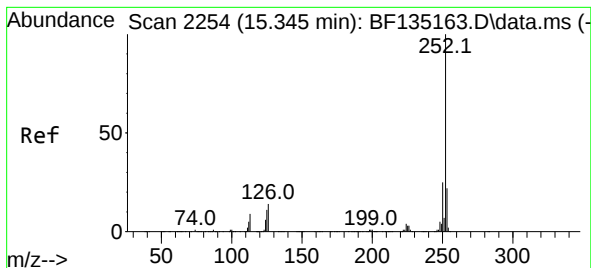
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 11.4 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 74.546 ng

RT: 15.327 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMSD

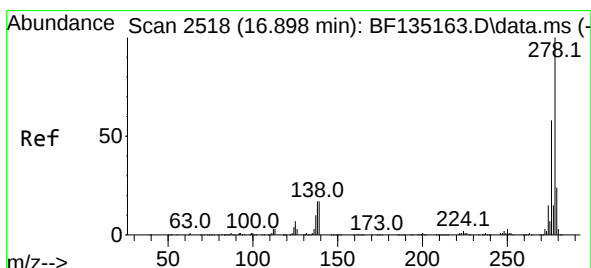
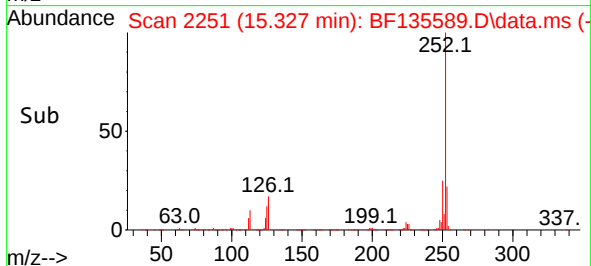
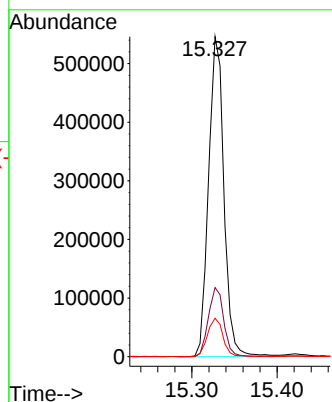
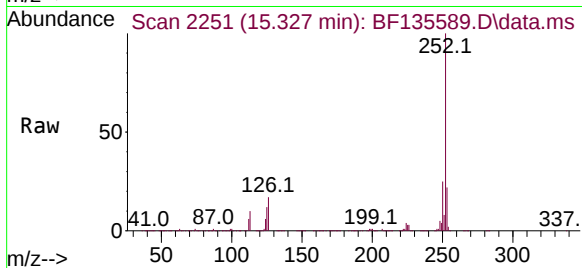
Tgt Ion:252 Resp: 683739

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 12.0 9.2 13.8



#91

Dibenzo(a,h)anthracene

Concen: 88.871 ng

RT: 16.886 min Scan# 2516

Delta R.T. 0.006 min

Lab File: BF135589.D

Acq: 05 Oct 2023 01:30

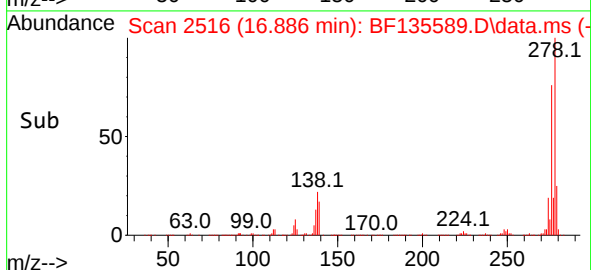
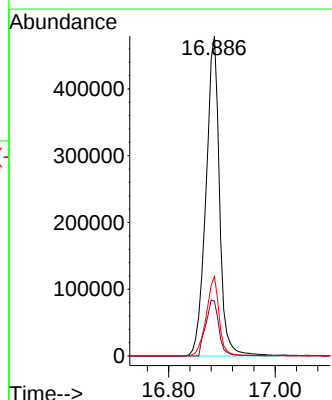
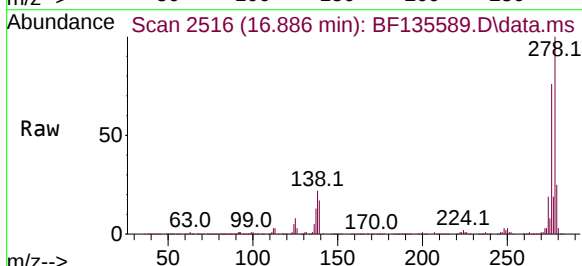
Tgt Ion:278 Resp: 847087

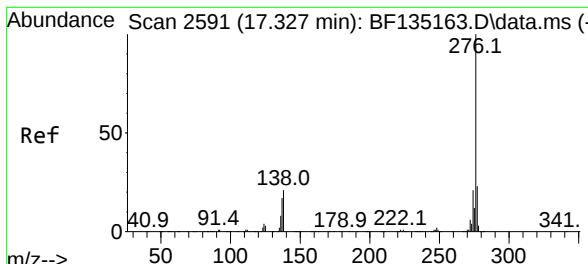
Ion Ratio Lower Upper

278 100

139 17.1 13.4 20.0

279 24.9 19.0 28.6





#92
 Benzo(g,h,i)perylene
 Concen: 80.738 ng
 RT: 17.321 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135589.D
 Acq: 05 Oct 2023 01:30

Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMPMSD

Tgt Ion:276 Resp: 803710

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.8	28.2
138	24.6	16.9	25.3

