

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135607.D
 Acq On : 05 Oct 2023 19:11
 Operator : CG\JU
 Sample : 04712-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Oct 06 03:46:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	144554	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	533829	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	253494	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	407601	20.000	ng	0.00
76) Chrysene-d12	13.933	240	256645	20.000	ng	0.00
86) Perylene-d12	15.392	264	274658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	947565	106.615	ng	0.02
7) Phenol-d6	6.398	99	1161302	102.759	ng	0.01
23) Nitrobenzene-d5	7.310	82	764636	77.819	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	240054	95.293	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1220742	72.655	ng	0.00
79) Terphenyl-d14	12.863	244	931566	56.269	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.510	88	183624	47.129	ng	97
3) Pyridine	3.257	79	443772	42.320	ng	98
4) n-Nitrosodimethylamine	3.234	42	275629	49.533	ng	97
6) Aniline	6.410	93	412832	27.857	ng	# 1
8) 2-Chlorophenol	6.534	128	468469	49.376	ng	96
9) Benzaldehyde	6.298	77	262877	40.832	ng	99
10) Phenol	6.410	94	531163	42.862	ng	90
11) bis(2-Chloroethyl)ether	6.481	93	466363	50.170	ng	99
12) 1,3-Dichlorobenzene	6.681	146	454845	47.172	ng	99
13) 1,4-Dichlorobenzene	6.757	146	472056	48.120	ng	99
14) 1,2-Dichlorobenzene	6.904	146	431117	47.323	ng	99
15) Benzyl Alcohol	6.893	79	383618	47.304	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	820583	46.833	ng	57
17) 2-Methylphenol	7.010	107	355425	42.451	ng	# 92
18) Hexachloroethane	7.240	117	175710	48.475	ng	89
19) n-Nitroso-di-n-propyla...	7.163	70	306942	43.849	ng	99
20) 3+4-Methylphenols	7.163	107	444652	44.166	ng	# 76
22) Acetophenone	7.151	105	613641	50.279	ng	# 90
24) Nitrobenzene	7.328	77	482802	49.713	ng	99
25) Isophorone	7.563	82	875016	48.497	ng	98
26) 2-Nitrophenol	7.645	139	239261	51.331	ng	92
27) 2,4-Dimethylphenol	7.687	122	341941	43.644	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	546168	50.575	ng	100
29) 2,4-Dichlorophenol	7.892	162	350884	48.332	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	369449	48.687	ng	99
31) Naphthalene	8.040	128	1214946	46.842	ng	99
32) Benzoic acid	7.840	122	259876	44.049	ng	98
33) 4-Chloroaniline	8.098	127	179012	15.731	ng	98
34) Hexachlorobutadiene	8.151	225	212589	46.462	ng	99
35) Caprolactam	8.481	113	126991	52.120	ng	93
36) 4-Chloro-3-methylphenol	8.598	107	378945	46.964	ng	99
37) 2-Methylnaphthalene	8.734	142	761854	43.697	ng	100
38) 1-Methylnaphthalene	8.834	142	720837	44.160	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	368431	50.168	ng	100
41) Hexachlorocyclopentadiene	8.881	237	89202	32.406	ng	100
43) 2,4,6-Trichlorophenol	9.022	196	234611	48.792	ng	99

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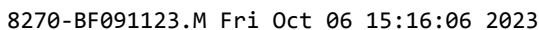
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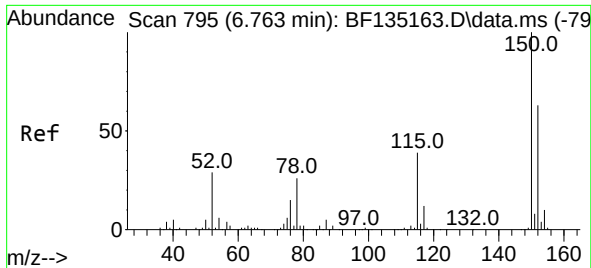
Quant Time: Oct 06 03:46:14 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	249820	45.115	ng	98
46) 1,1'-Biphenyl	9.198	154	970186	49.803	ng	97
47) 2-Chloronaphthalene	9.228	162	698646	49.429	ng	100
48) 2-Nitroaniline	9.334	65	273492	49.806	ng	98
49) Acenaphthylene	9.639	152	1116051	47.511	ng	100
50) Dimethylphthalate	9.504	163	858973	50.119	ng	100
51) 2,6-Dinitrotoluene	9.581	165	185172	49.319	ng	# 81
52) Acenaphthene	9.810	154	661732	47.686	ng	98
53) 3-Nitroaniline	9.745	138	129708	29.431	ng	100
54) 2,4-Dinitrophenol	9.869	184	81402	41.456	ng	95
55) Dibenzofuran	9.986	168	934941	44.152	ng	99
56) 4-Nitrophenol	9.934	139	207636	74.129	ng	92
57) 2,4-Dinitrotoluene	9.986	165	204613	43.531	ng	# 81
58) Fluorene	10.333	166	752078	46.199	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	186696	43.830	ng	99
60) Diethylphthalate	10.210	149	850790	49.464	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	357602	45.730	ng	95
62) 4-Nitroaniline	10.369	138	154260	36.413	ng	96
63) Azobenzene	10.481	77	820245	48.726	ng	96
65) 4,6-Dinitro-2-methylph...	10.404	198	65259	30.144	ng	87
66) n-Nitrosodiphenylamine	10.445	169	688146	55.766	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	221263	54.580	ng	95
68) Hexachlorobenzene	10.881	284	215235	52.115	ng	97
69) Atrazine	10.980	200	211316	63.643	ng	97
70) Pentachlorophenol	11.081	266	167183	67.659	ng	98
71) Phenanthrene	11.298	178	969321	50.282	ng	99
72) Anthracene	11.351	178	972301	49.068	ng	99
73) Carbazole	11.510	167	880419	48.808	ng	99
74) Di-n-butylphthalate	11.833	149	1222339	57.507	ng	99
75) Fluoranthene	12.492	202	982733	48.923	ng	100
77) Benzidine	12.622	184	548787	104.375	ng	99
78) Pyrene	12.722	202	984228	40.280	ng	100
80) Butylbenzylphthalate	13.345	149	425123	49.416	ng	97
81) Benzo(a)anthracene	13.922	228	873430	52.704	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	291067	56.230	ng	# 98
83) Chrysene	13.957	228	813990	49.403	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	571176	64.699	ng	99
85) Di-n-octyl phthalate	14.521	149	1020159	72.714	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	611059	33.932	ng	97
88) Benzo(b)fluoranthene	14.968	252	864842	58.167	ng	# 98
89) Benzo(k)fluoranthene	14.998	252	716657	48.795	ng	# 97
90) Benzo(a)pyrene	15.339	252	686882	48.444	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	497073	33.735	ng	100
92) Benzo(g,h,i)perylene	17.327	276	482076	31.327	ng	99

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

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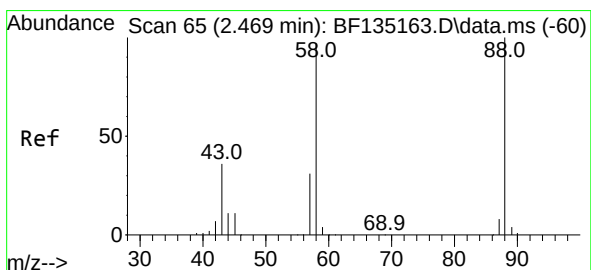
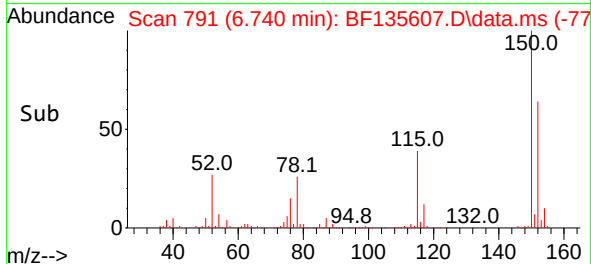
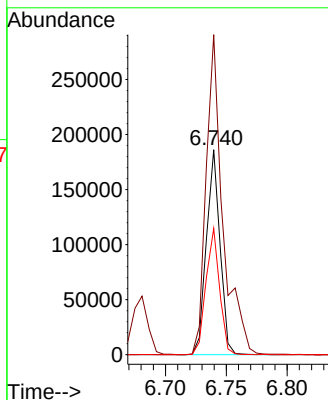
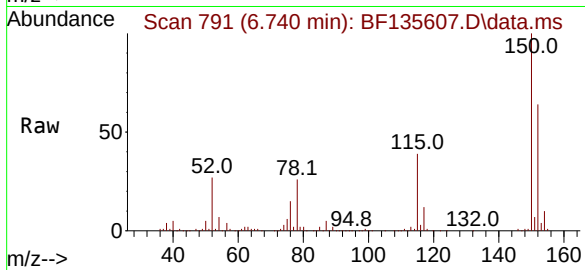




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

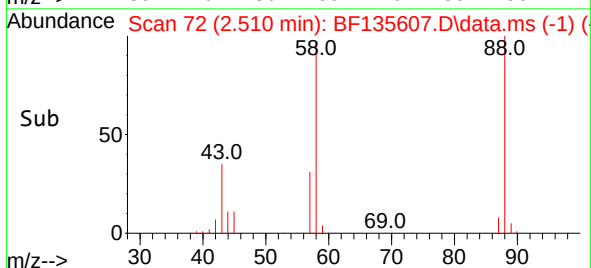
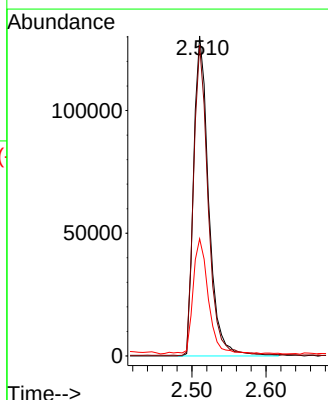
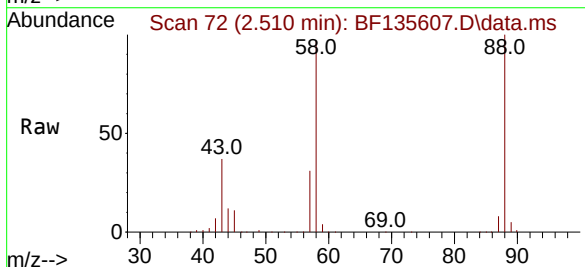
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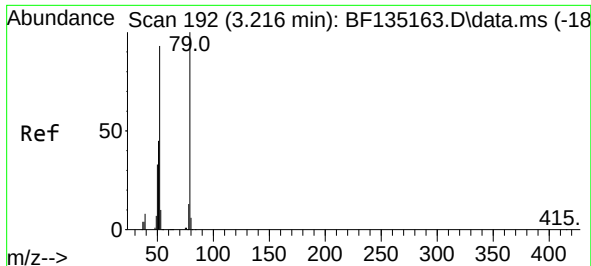
Tgt Ion:152 Resp: 144554
Ion Ratio Lower Upper
152 100
150 156.2 127.8 191.6
115 61.6 49.8 74.8



#2
1,4-Dioxane
Concen: 47.129 ng
RT: 2.510 min Scan# 72
Delta R.T. 0.088 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion: 88 Resp: 183624
Ion Ratio Lower Upper
88 100
58 94.2 78.3 117.5
43 35.6 29.4 44.0

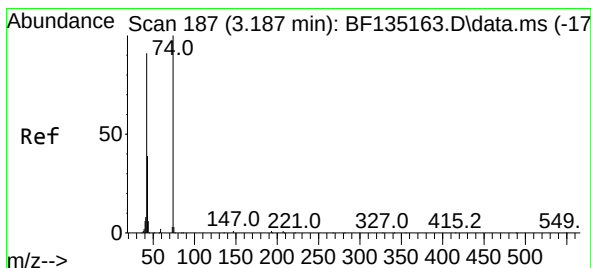
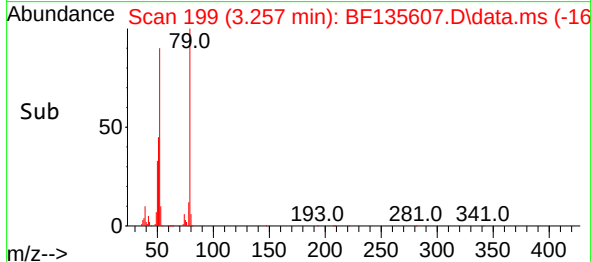
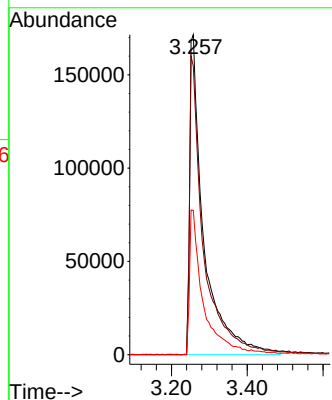
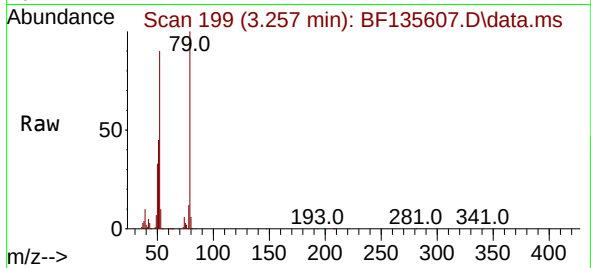




#3
 Pyridine
 Concen: 42.320 ng
 RT: 3.257 min Scan# 195
 Delta R.T. 0.094 min
 Lab File: BF135607.D
 Acq: 05 Oct 2023 19:11

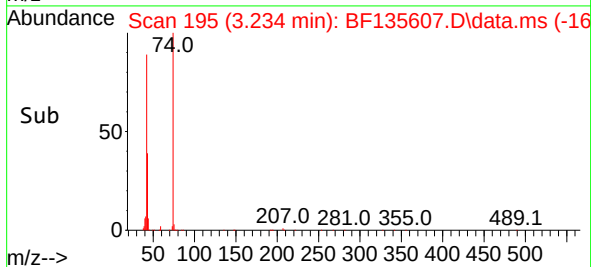
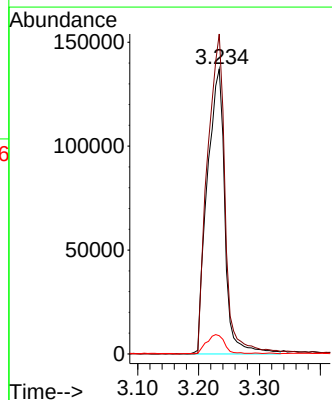
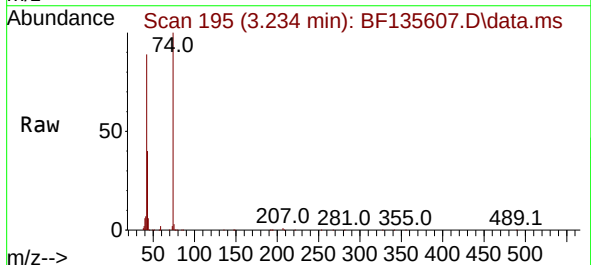
Instrument :
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 ClientSampleId :
 WC-1MSD

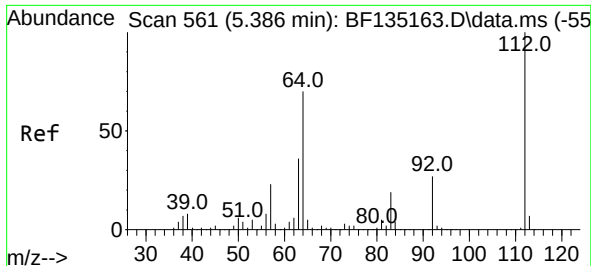
Tgt Ion: 79 Resp: 443772
 Ion Ratio Lower Upper
 79 100
 52 90.0 74.1 111.1
 51 45.1 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 49.533 ng
 RT: 3.234 min Scan# 195
 Delta R.T. 0.100 min
 Lab File: BF135607.D
 Acq: 05 Oct 2023 19:11

Tgt Ion: 42 Resp: 275629
 Ion Ratio Lower Upper
 42 100
 74 112.3 87.7 131.5
 44 6.4 5.6 8.4

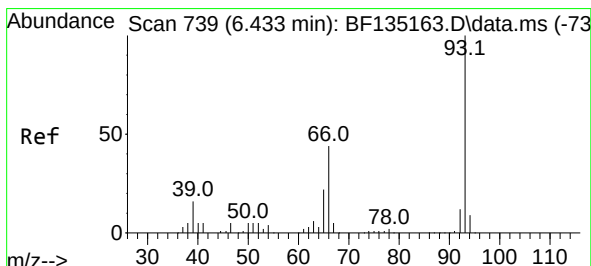
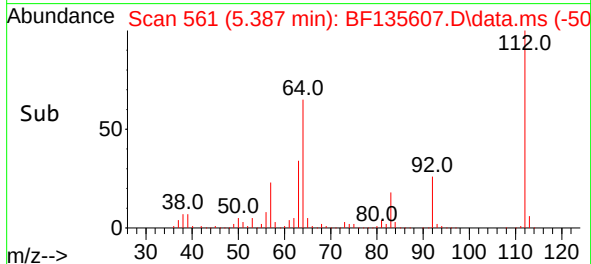
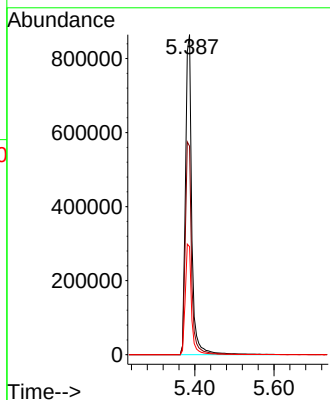
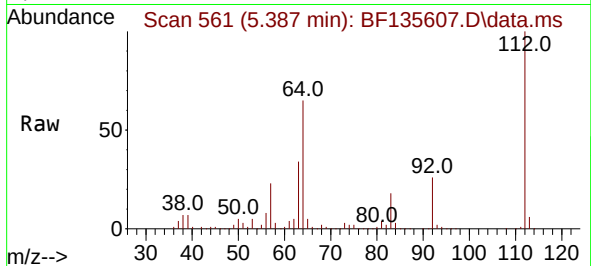




#5
2-Fluorophenol
Concen: 106.615 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

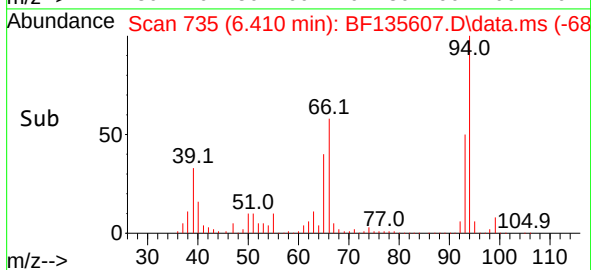
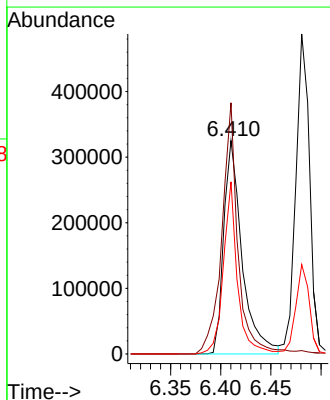
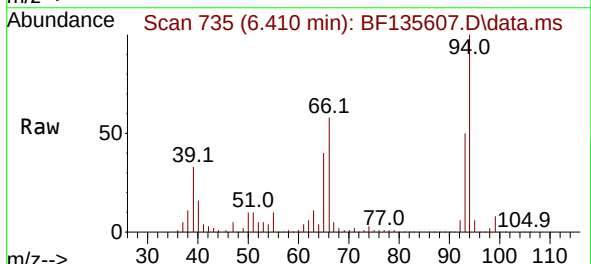
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BNA_F
ClientSampleId :
WC-1MSD

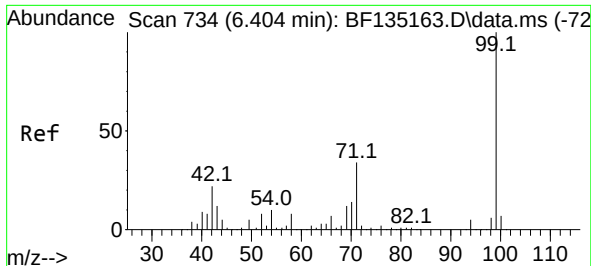
Tgt Ion:112 Resp: 947565
Ion Ratio Lower Upper
112 100
64 65.1 55.9 83.9
63 33.8 29.0 43.6



#6
Aniline
Concen: 27.857 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion: 93 Resp: 412832
Ion Ratio Lower Upper
93 100
66 117.7 35.4 53.0#
65 80.7 17.8 26.8#





#7

Phenol-d6

Concen: 102.759 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

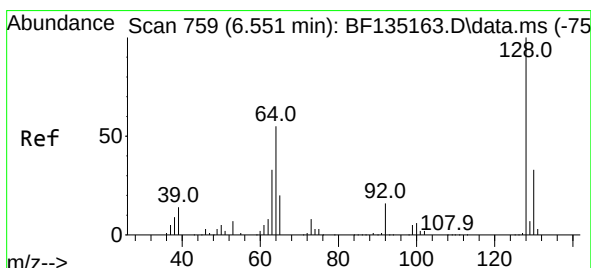
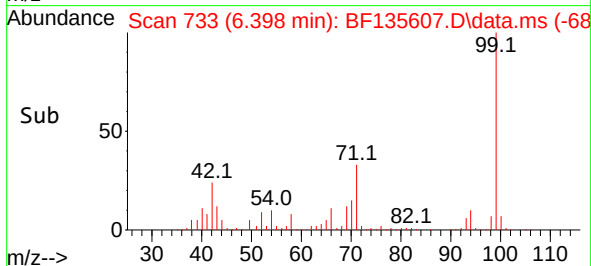
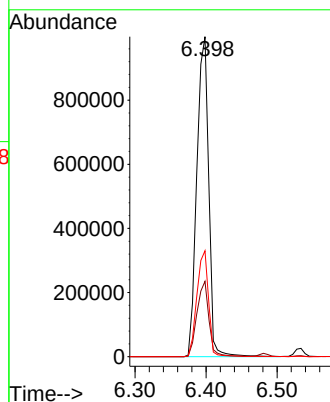
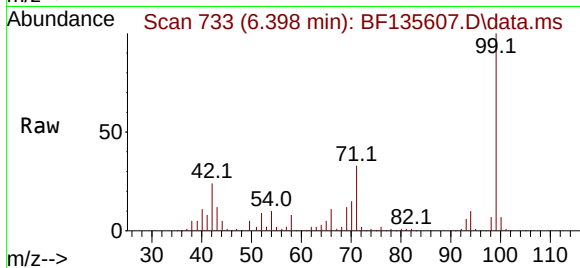
Tgt Ion: 99 Resp: 1161302

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

71 33.1 27.0 40.6



#8

2-Chlorophenol

Concen: 49.376 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

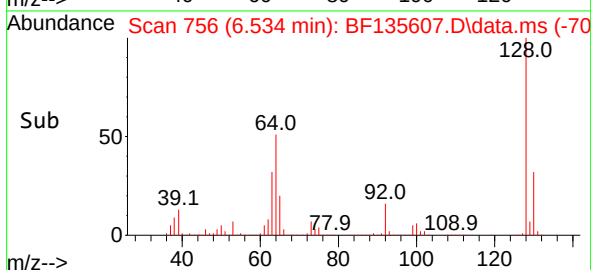
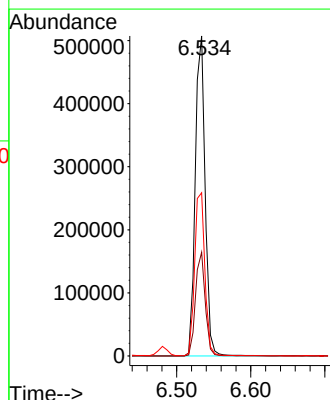
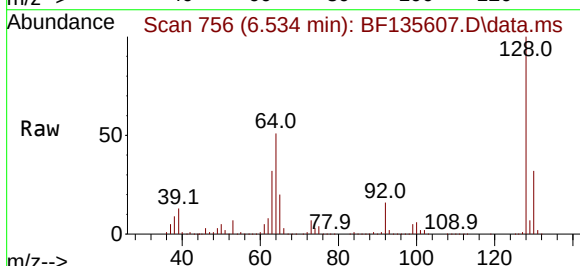
Tgt Ion:128 Resp: 468469

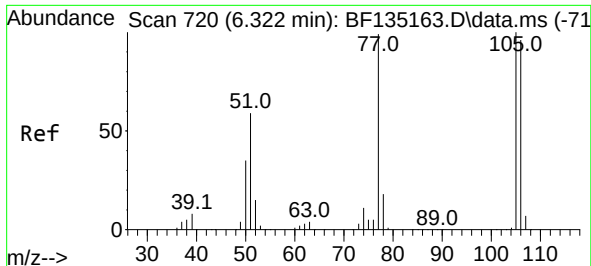
Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

64 51.0 35.9 75.9

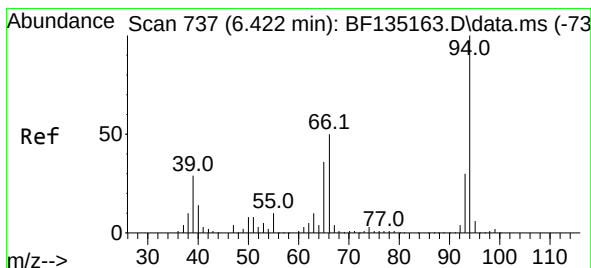
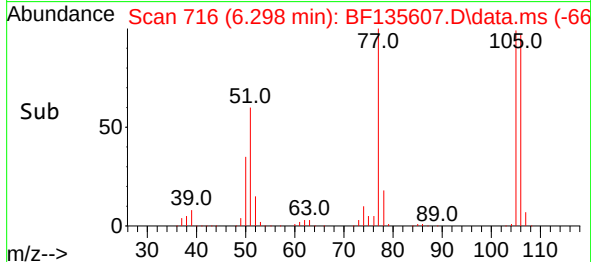
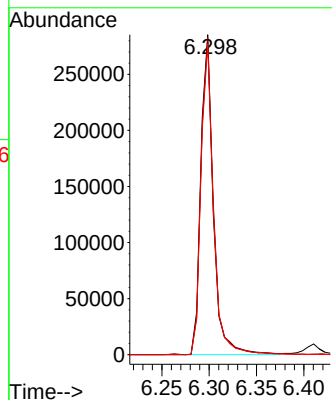
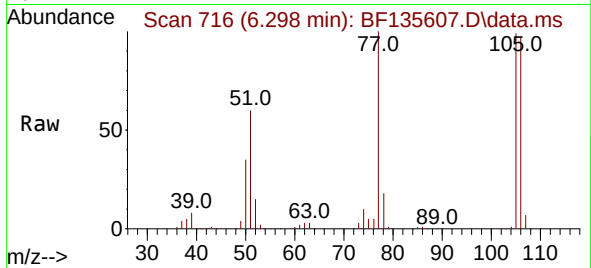




#9
Benzaldehyde
Concen: 40.832 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

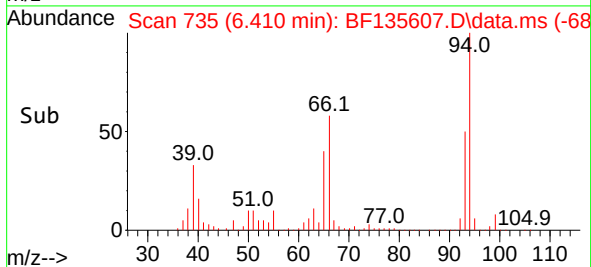
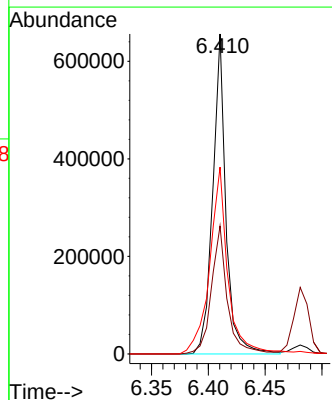
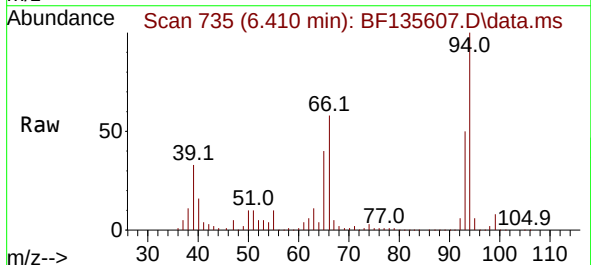
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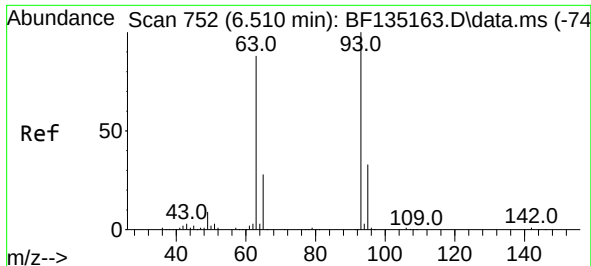
Tgt Ion: 77 Resp: 262877
Ion Ratio Lower Upper
77 100
105 99.2 81.4 121.4
106 97.0 76.9 116.9



#10
Phenol
Concen: 42.862 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion: 94 Resp: 531163
Ion Ratio Lower Upper
94 100
65 40.0 15.9 55.9
66 58.4 29.8 69.8

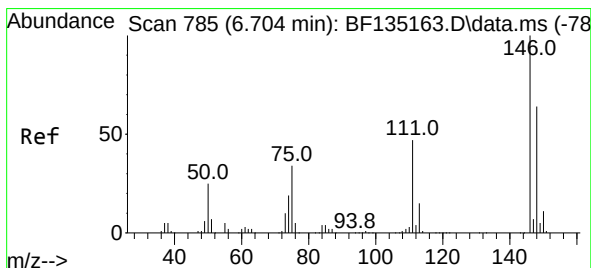
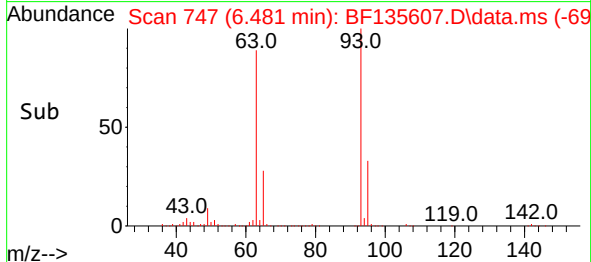
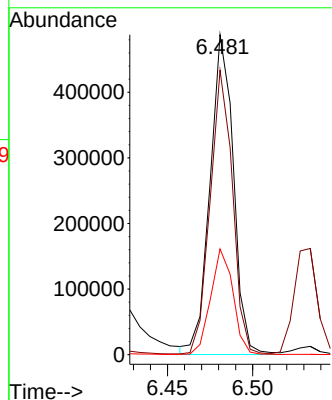
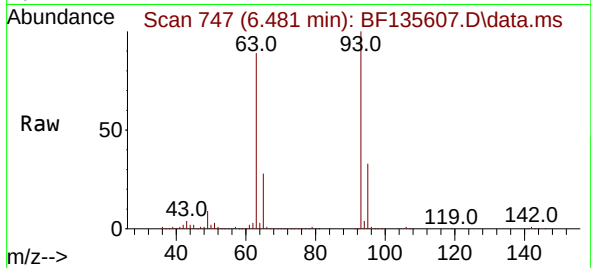




#11
bis(2-Chloroethyl)ether
Concen: 50.170 ng
RT: 6.481 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

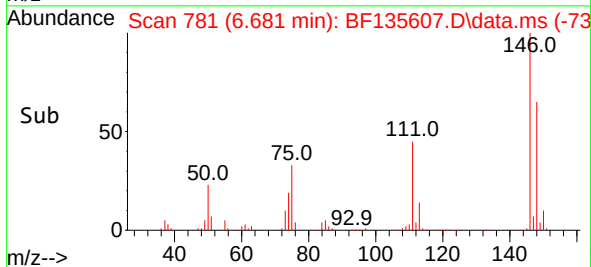
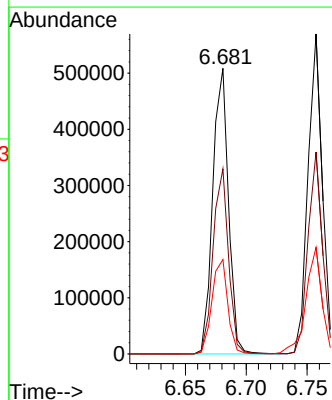
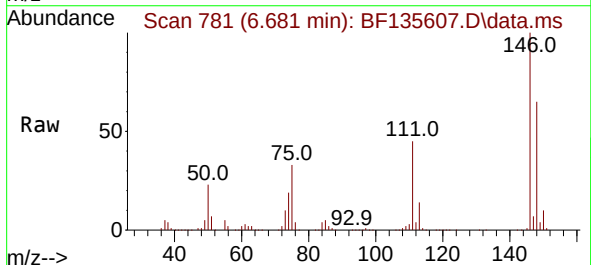
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

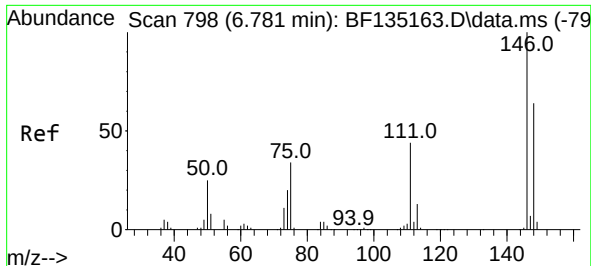
Tgt Ion: 93 Resp: 466363
Ion Ratio Lower Upper
93 100
63 88.9 67.3 107.3
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.172 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:146 Resp: 454845
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 33.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.120 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

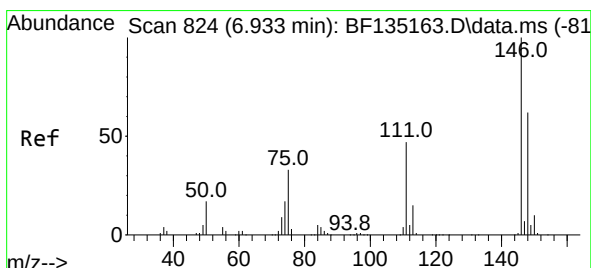
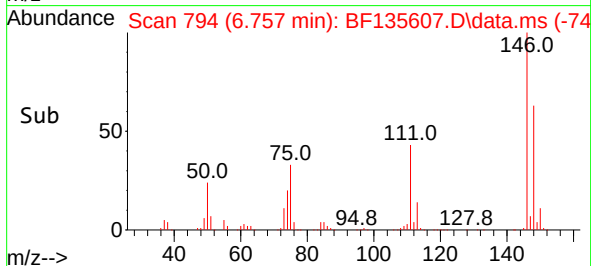
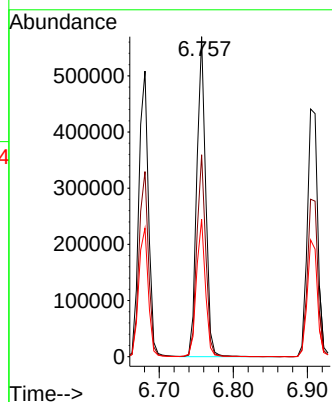
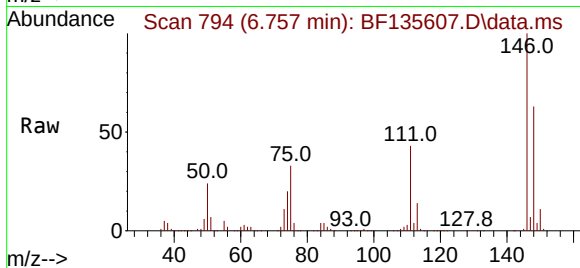
Tgt Ion:146 Resp: 472056

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

111 42.9 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 47.323 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

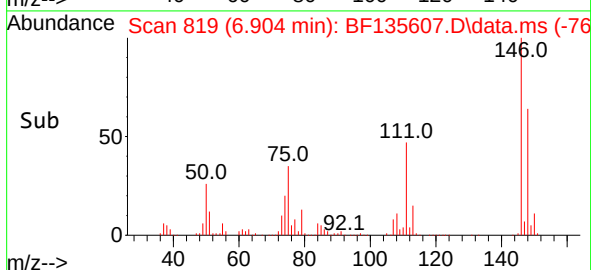
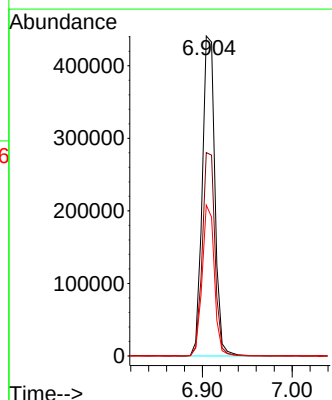
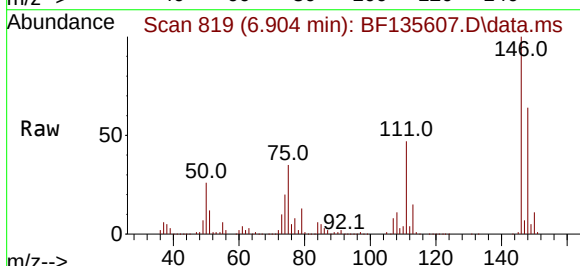
Tgt Ion:146 Resp: 431117

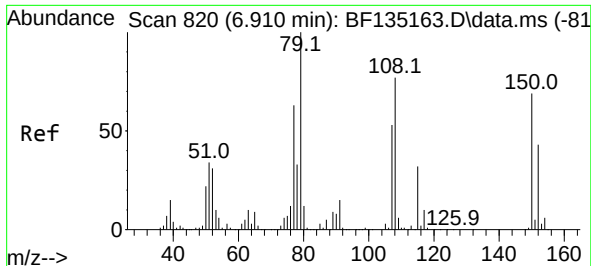
Ion Ratio Lower Upper

146 100

148 63.6 49.7 74.5

111 47.1 37.4 56.2

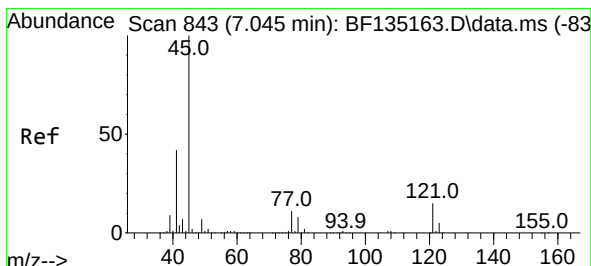
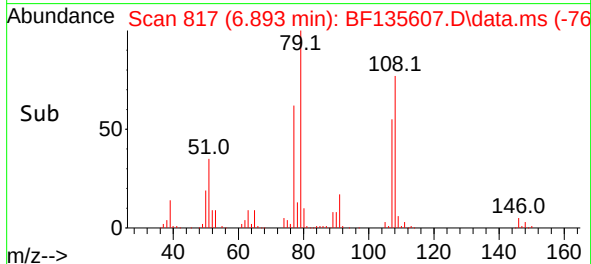
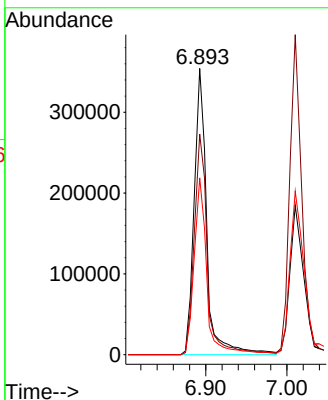
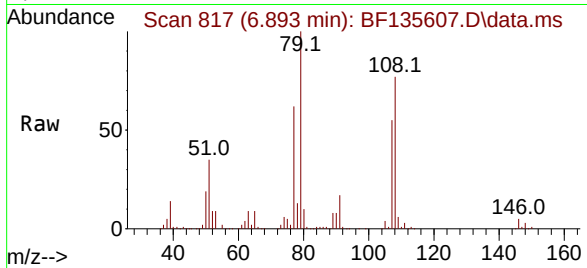




#15
Benzyl Alcohol
Concen: 47.304 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

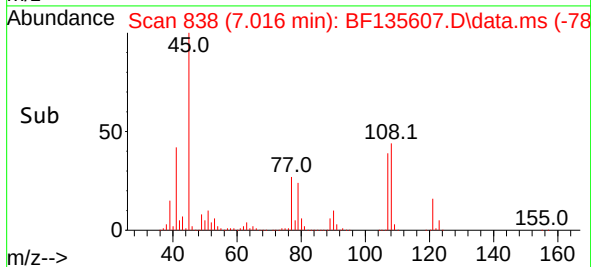
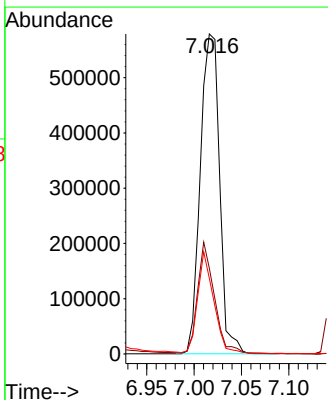
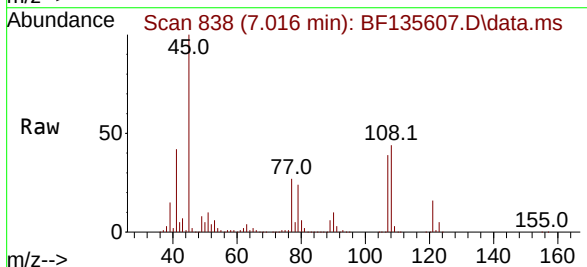
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

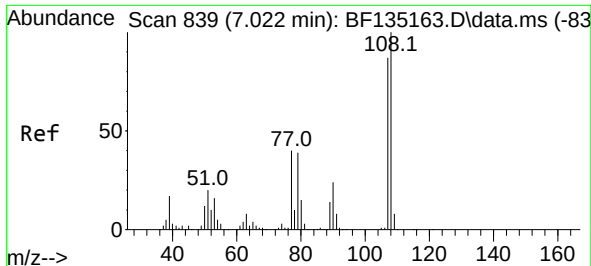
Tgt Ion: 79 Resp: 383618
Ion Ratio Lower Upper
79 100
108 77.1 61.2 91.8
77 61.8 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.833 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion: 45 Resp: 820583
Ion Ratio Lower Upper
45 100
77 26.8 0.0 30.6
79 23.7 0.0 28.3

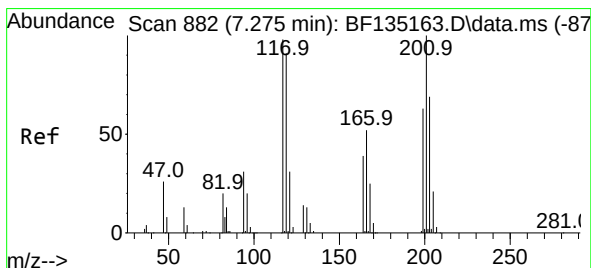
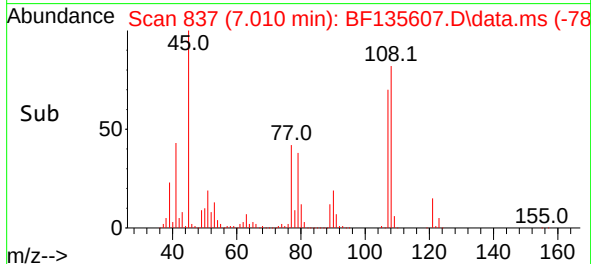
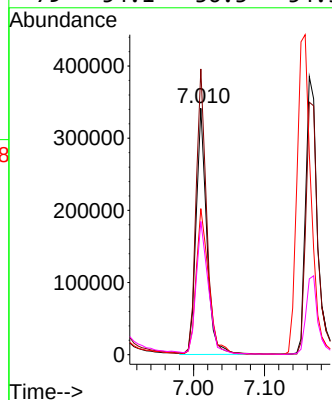
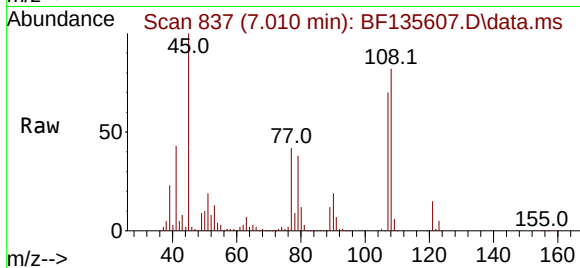




#17
2-Methylphenol
Concen: 42.451 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

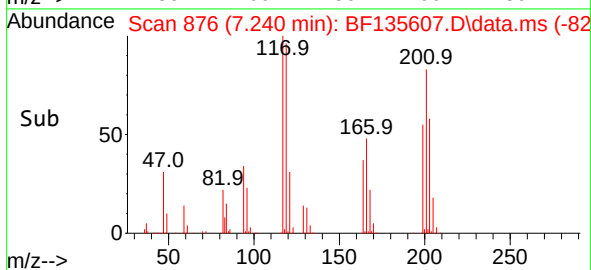
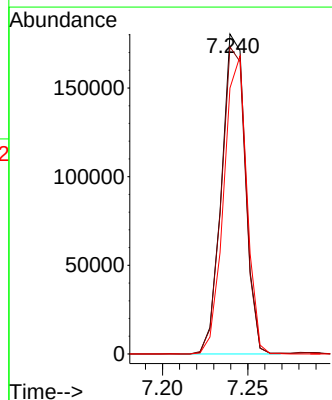
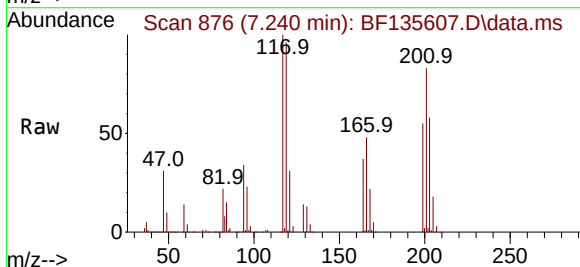
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

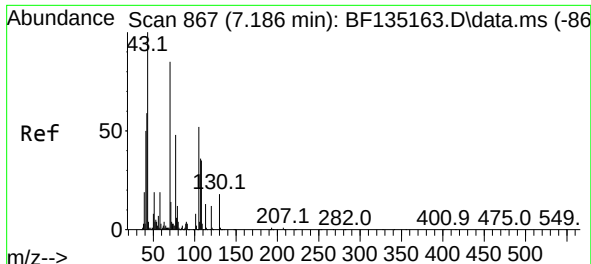
Tgt Ion:107 Resp: 355425
Ion Ratio Lower Upper
107 100
108 116.0 92.0 138.0
77 59.3 36.7 55.1#
79 54.1 36.3 54.5



#18
Hexachloroethane
Concen: 48.475 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:117 Resp: 175710
Ion Ratio Lower Upper
117 100
119 96.0 74.7 112.1
201 83.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.849 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.006 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 70 Resp: 306942

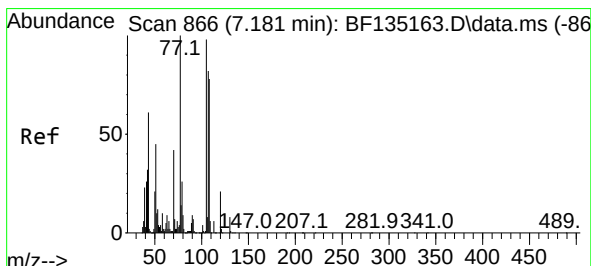
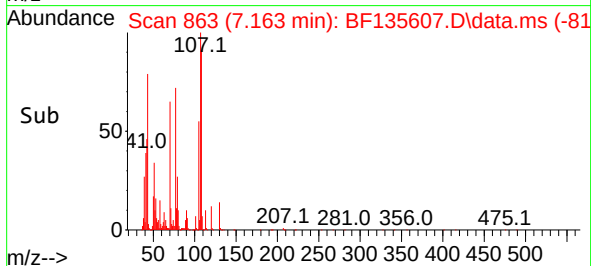
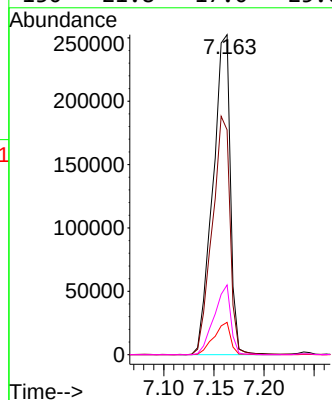
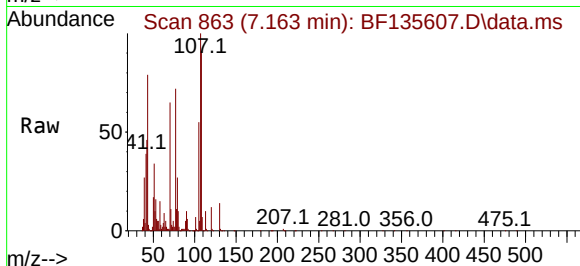
Ion Ratio Lower Upper

70 100

42 70.2 55.4 83.0

101 10.1 7.7 11.5

130 21.8 17.0 25.6



#20

3+4-Methylphenols

Concen: 44.166 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Tgt Ion:107 Resp: 444652

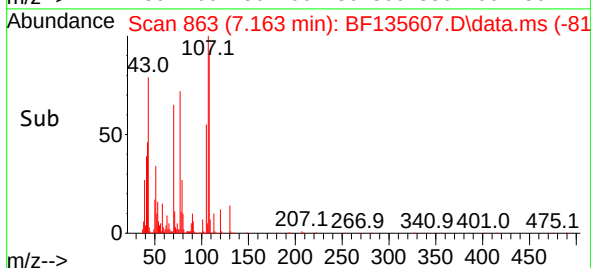
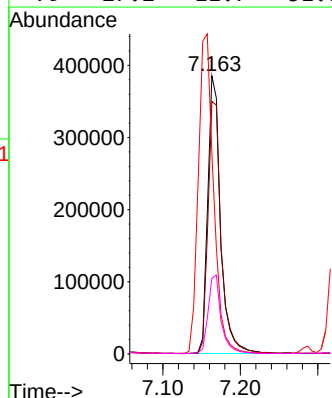
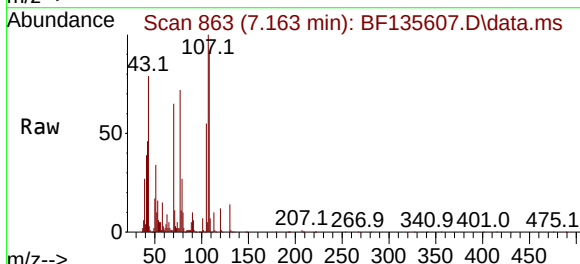
Ion Ratio Lower Upper

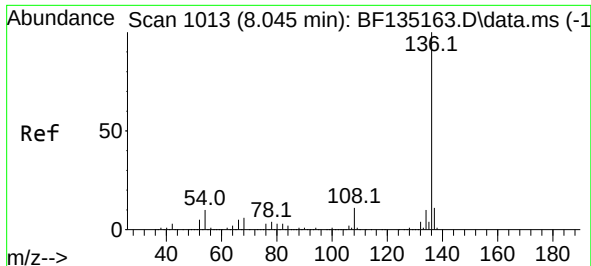
107 100

108 90.8 74.7 114.7

77 72.2 102.0 142.0#

79 27.2 11.7 51.7

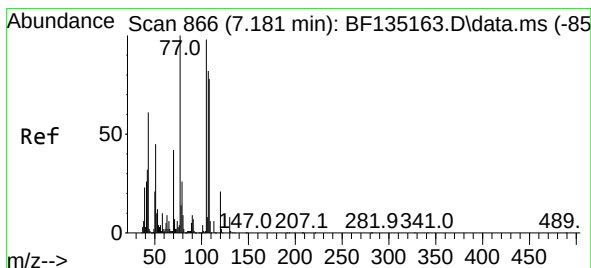
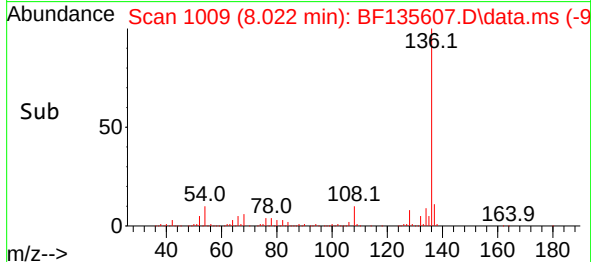
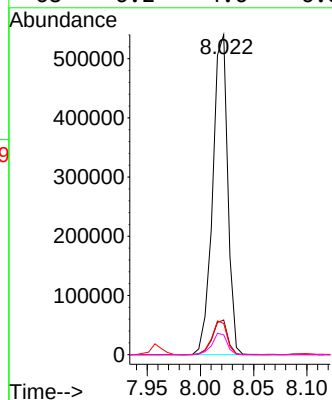
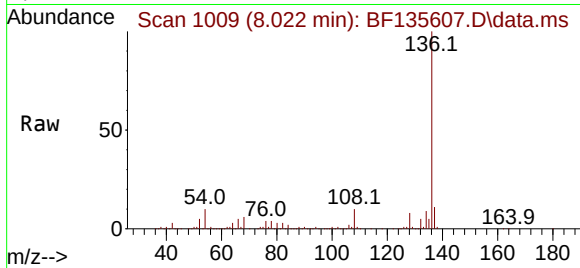




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

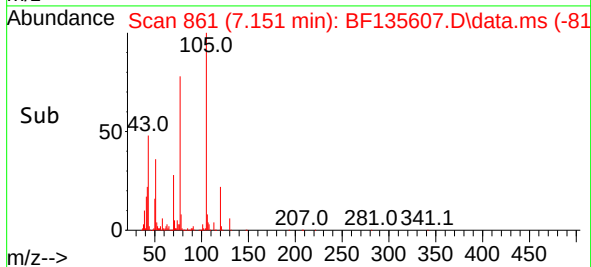
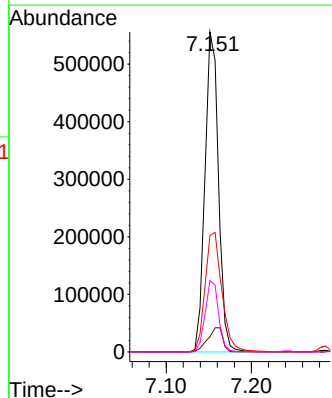
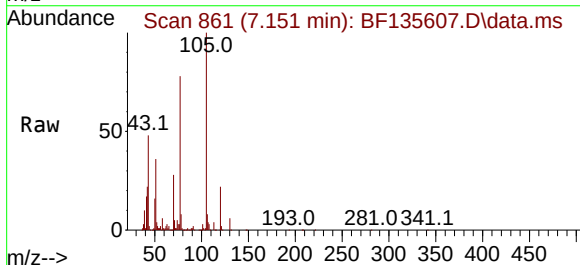
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

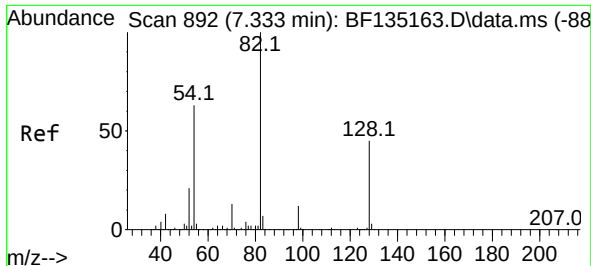
Tgt Ion:	136	Resp:	533829
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.8	7.7	11.5
68	6.2	4.6	6.8



#22
Acetophenone
Concen: 50.279 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:	105	Resp:	613641
Ion	Ratio	Lower	Upper
105	100		
71	4.7	5.8	8.6#
51	36.4	37.0	55.4#
120	22.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 77.819 ng

RT: 7.310 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

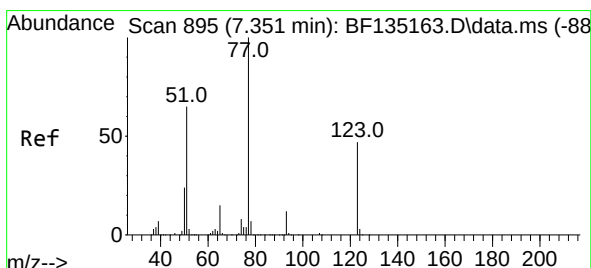
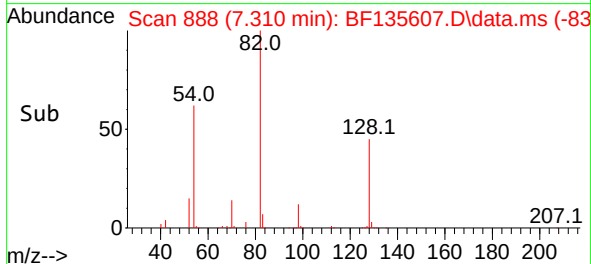
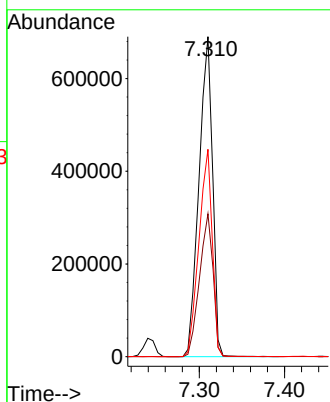
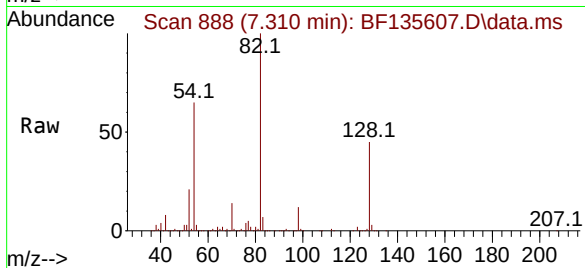
Tgt Ion: 82 Resp: 764636

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.6

54 64.8 50.6 76.0



#24

Nitrobenzene

Concen: 49.713 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

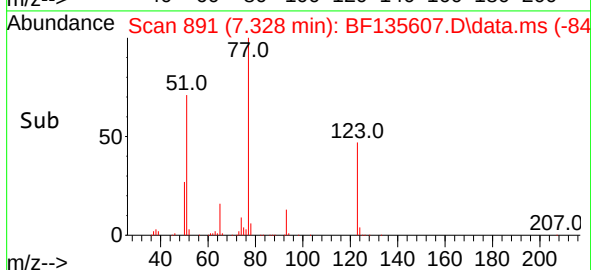
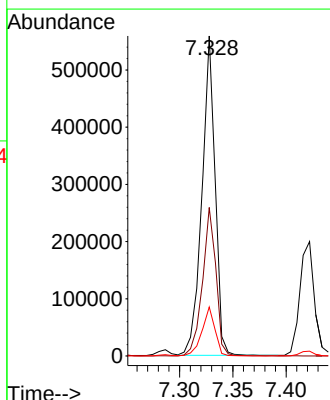
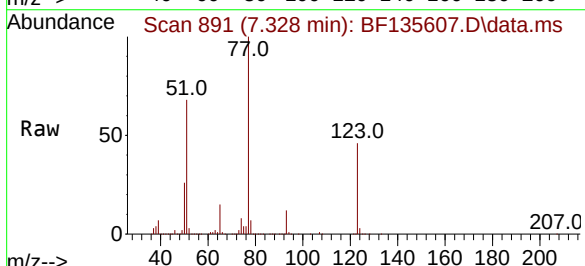
Tgt Ion: 77 Resp: 482802

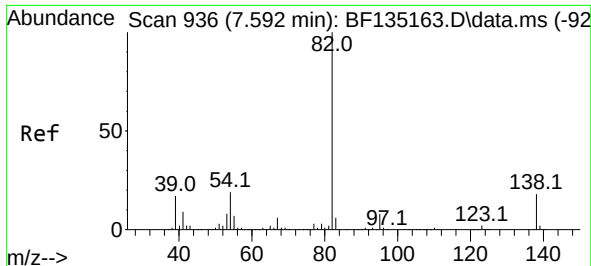
Ion Ratio Lower Upper

77 100

123 46.4 37.6 56.4

65 15.3 12.2 18.4

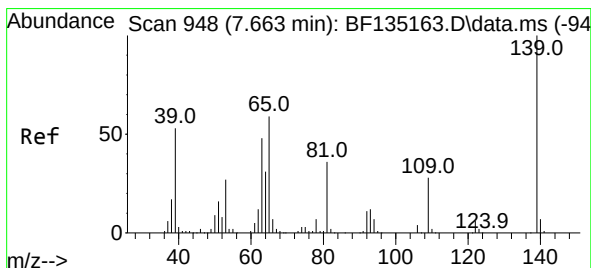
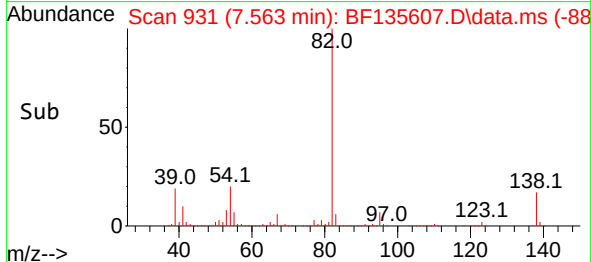
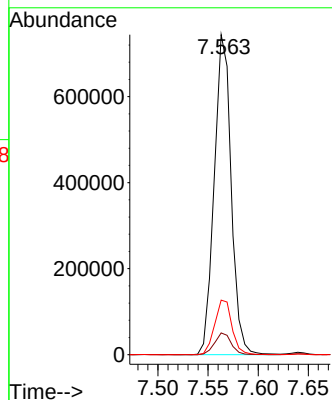
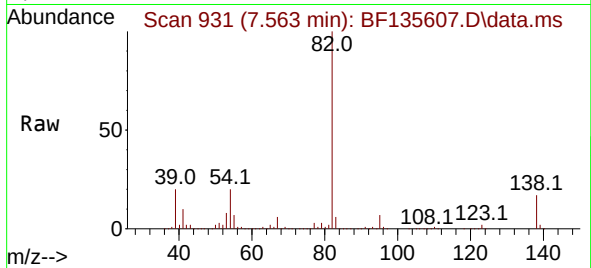




#25
Isophorone
Concen: 48.497 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

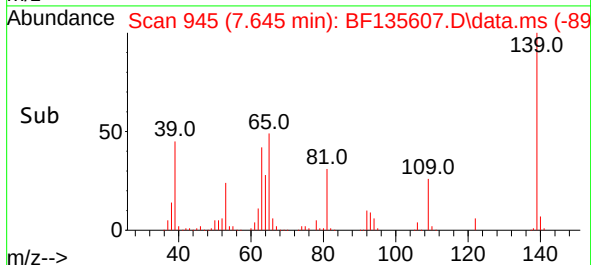
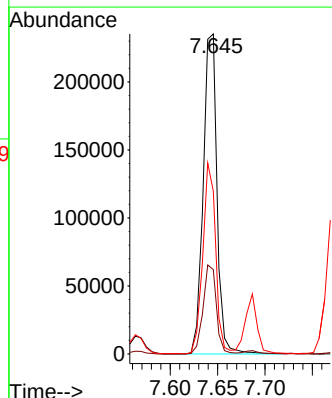
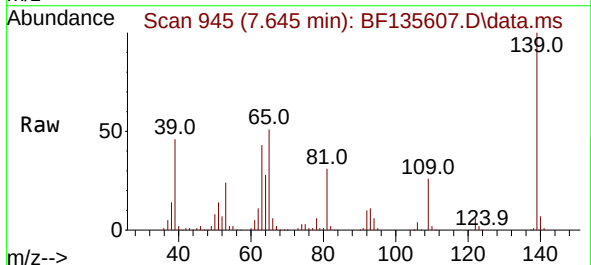
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

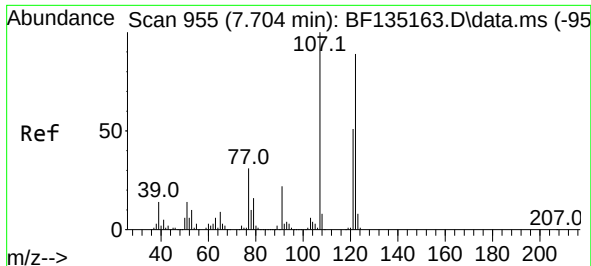
Tgt Ion: 82 Resp: 875016
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.1 14.5 21.7



#26
2-Nitrophenol
Concen: 51.331 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion: 139 Resp: 239261
Ion Ratio Lower Upper
139 100
109 26.4 22.6 33.8
65 50.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 43.644 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

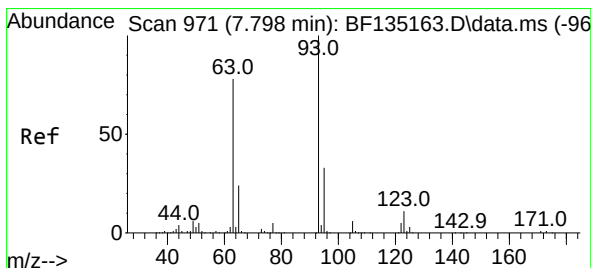
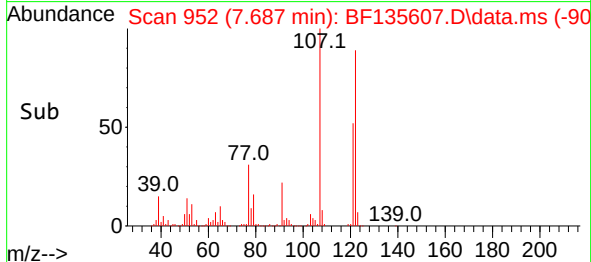
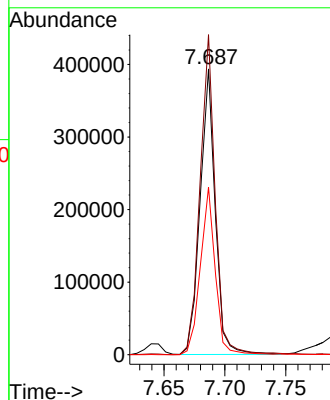
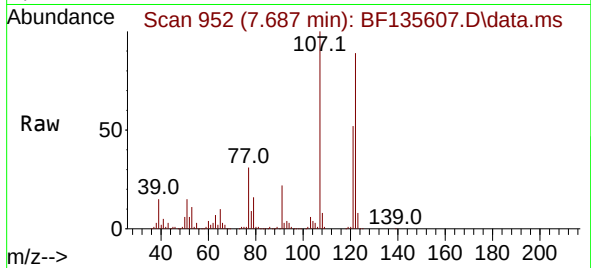
Tgt Ion:122 Resp: 341941

Ion Ratio Lower Upper

122 100

107 112.0 90.2 135.4

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 50.575 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

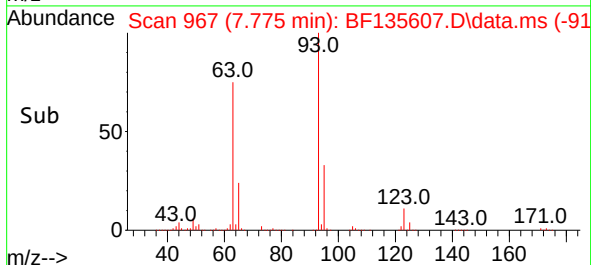
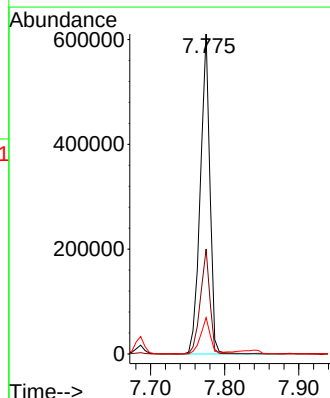
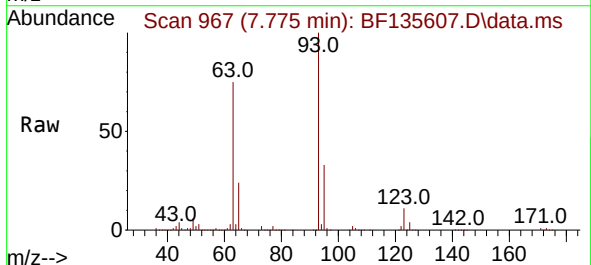
Tgt Ion: 93 Resp: 546168

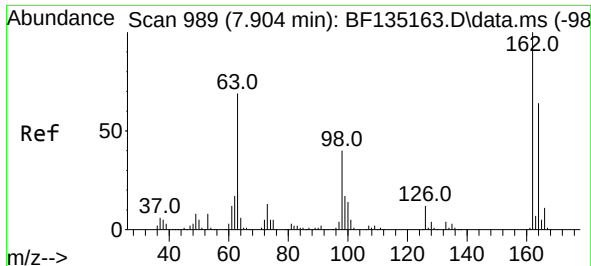
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.3 8.8 13.2

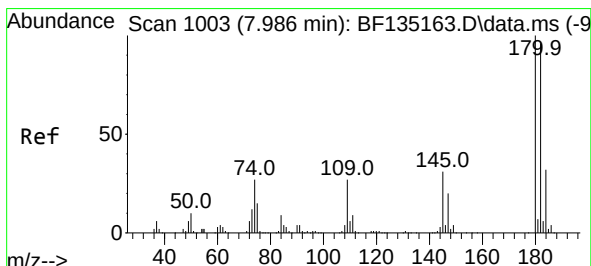
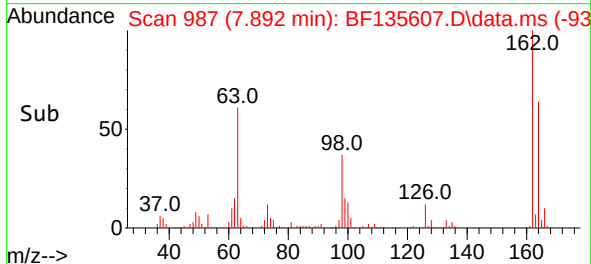
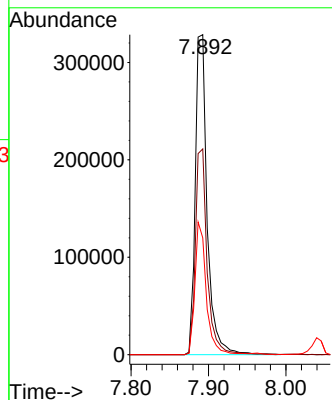
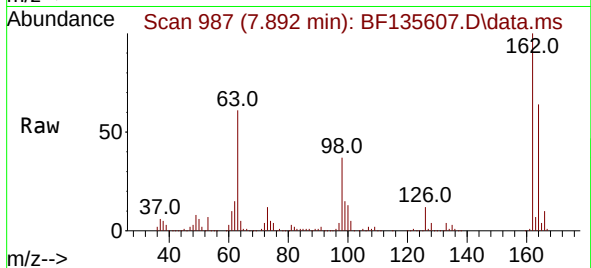




#29
2,4-Dichlorophenol
Concen: 48.332 ng
RT: 7.892 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

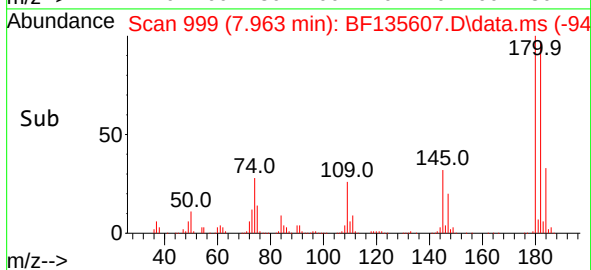
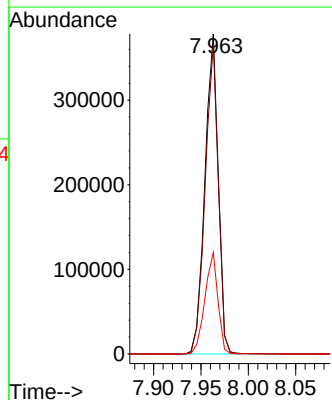
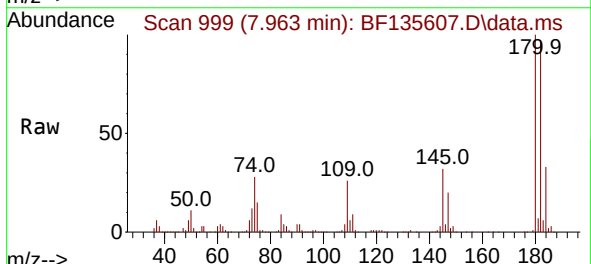
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

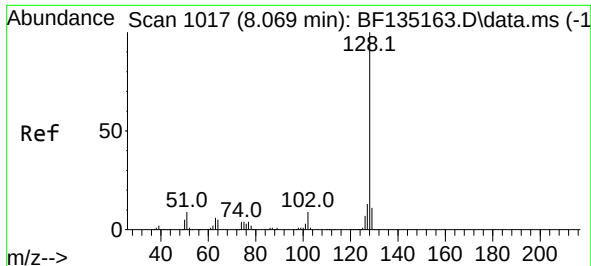
Tgt Ion:162 Resp: 350884
Ion Ratio Lower Upper
162 100
164 64.3 44.1 84.1
98 36.5 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 48.687 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:180 Resp: 369449
Ion Ratio Lower Upper
180 100
182 97.0 76.9 115.3
145 31.7 24.5 36.7

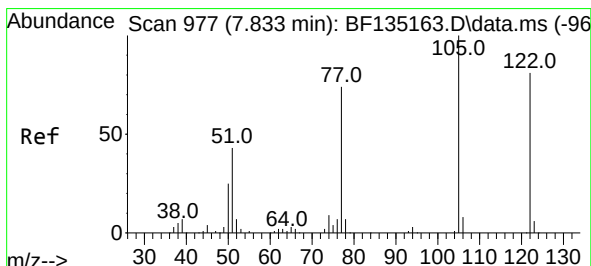
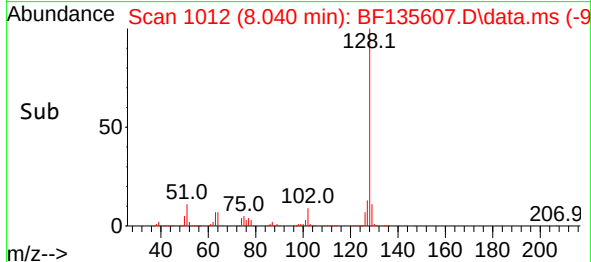
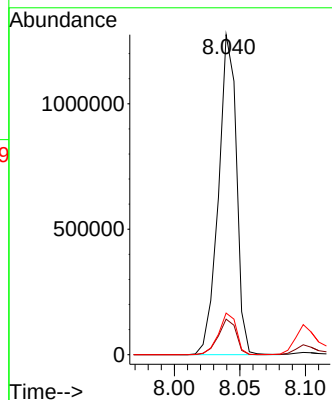
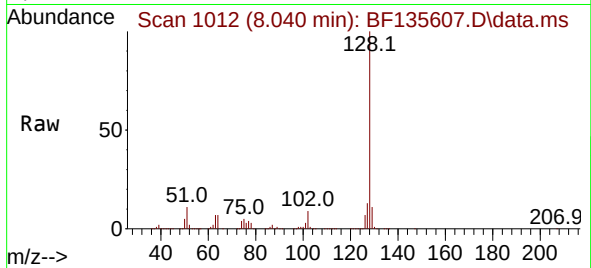




#31
Naphthalene
Concen: 46.842 ng
RT: 8.040 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

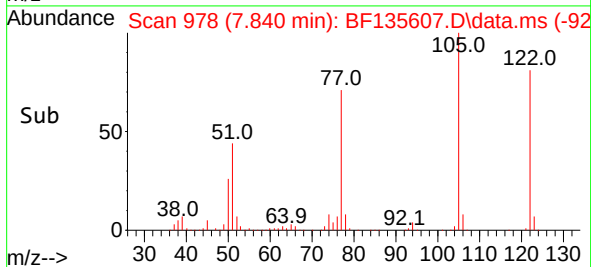
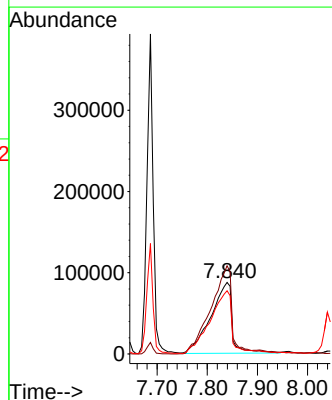
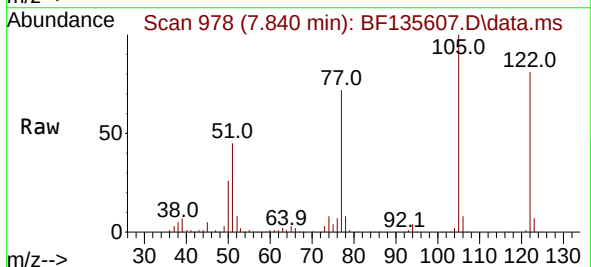
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

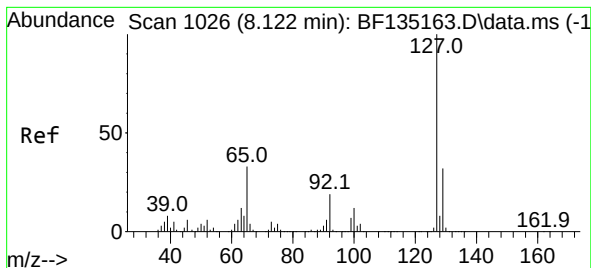
Tgt Ion:128 Resp: 1214946
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 44.049 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.018 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:122 Resp: 259876
Ion Ratio Lower Upper
122 100
105 123.3 99.9 139.9
77 88.4 70.0 110.0





#33

4-Chloroaniline

Concen: 15.731 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:127 Resp: 179012

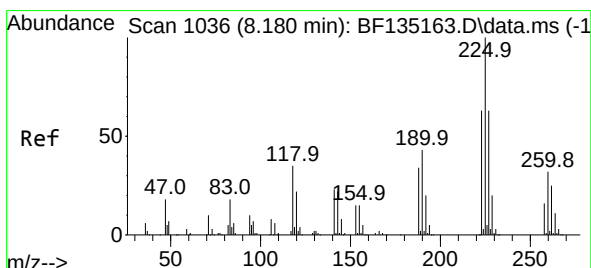
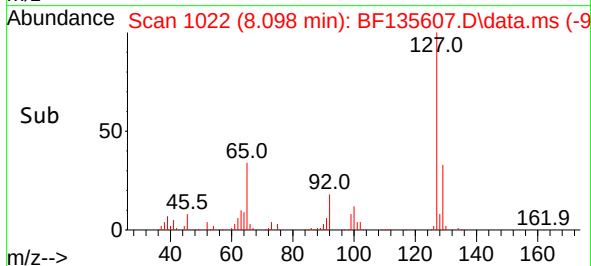
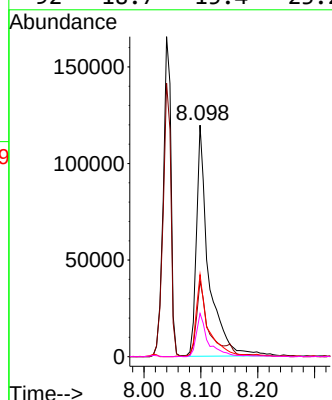
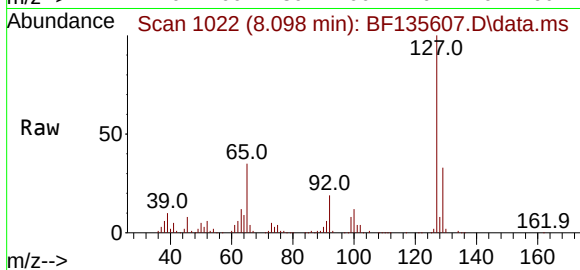
Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.8

65 35.5 26.6 39.8

92 18.7 15.4 23.2



#34

Hexachlorobutadiene

Concen: 46.462 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

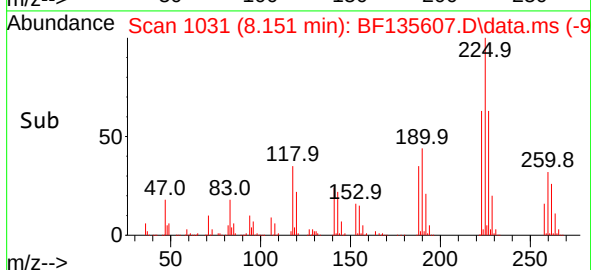
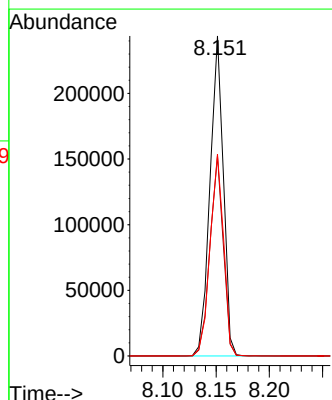
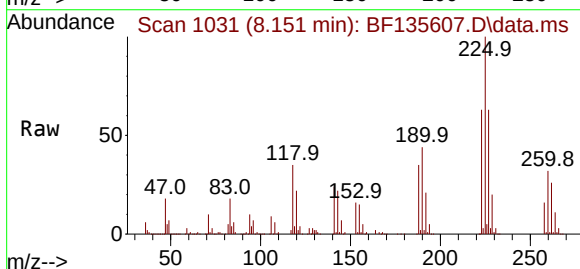
Tgt Ion:225 Resp: 212589

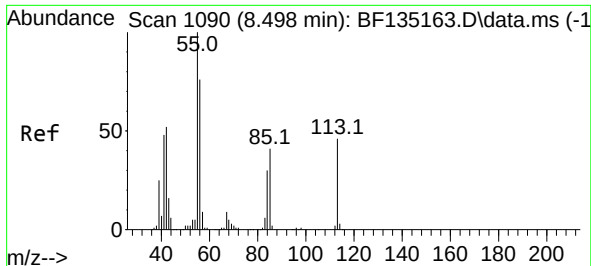
Ion Ratio Lower Upper

225 100

223 62.6 50.6 75.8

227 63.1 50.8 76.2

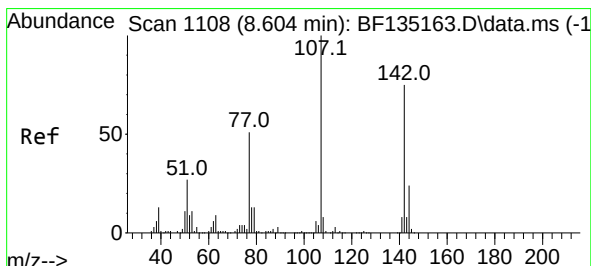
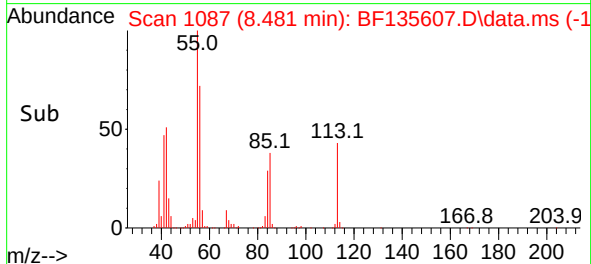
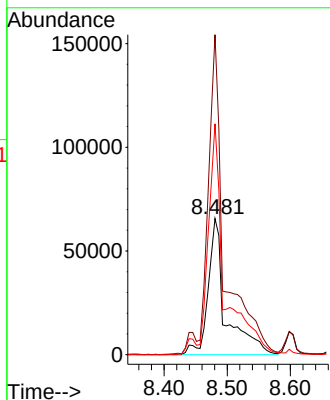
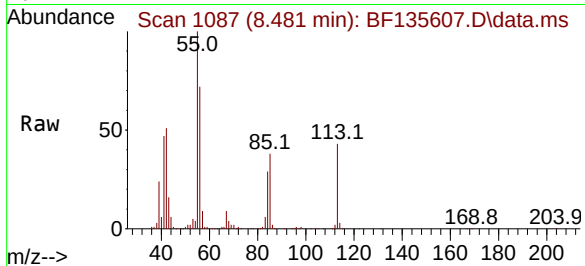




#35
Caprolactam
Concen: 52.120 ng
RT: 8.481 min Scan# 1090
Delta R.T. 0.012 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

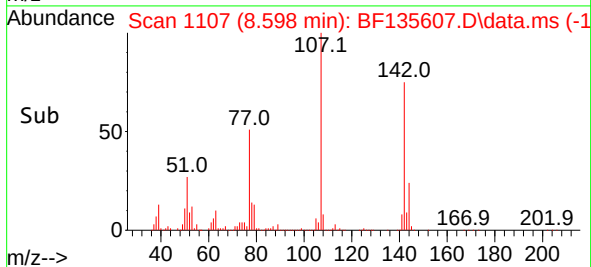
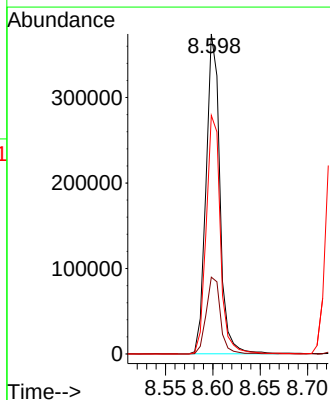
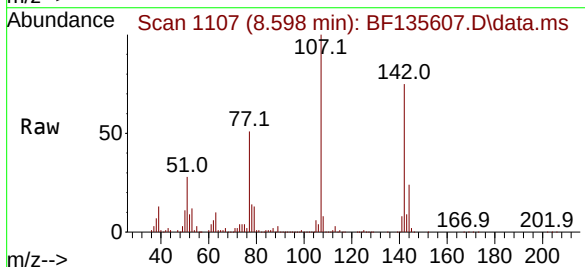
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

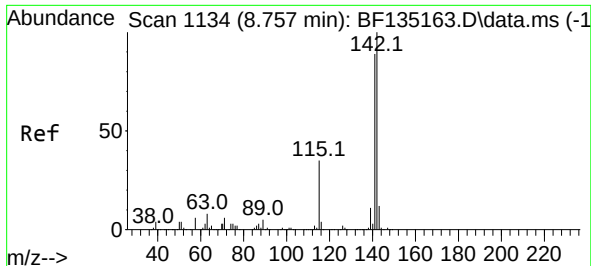
Tgt Ion:113 Resp: 126991
Ion Ratio Lower Upper
113 100
55 234.9 199.3 239.3
56 169.5 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 46.964 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:107 Resp: 378945
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.4
142 74.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.697 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

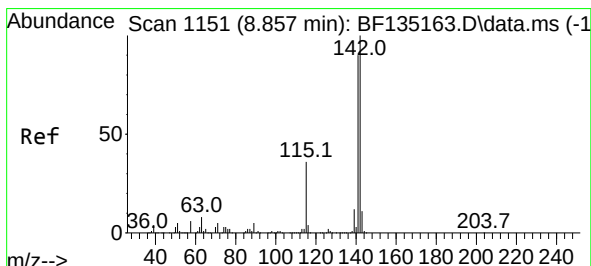
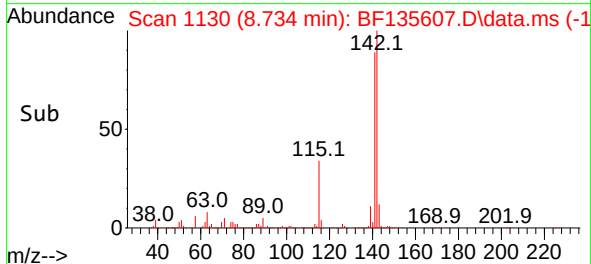
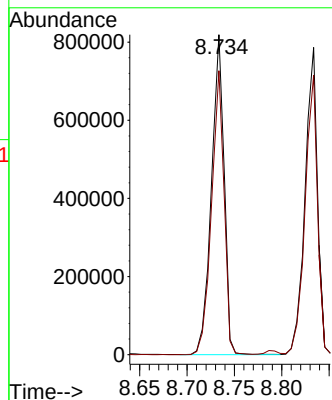
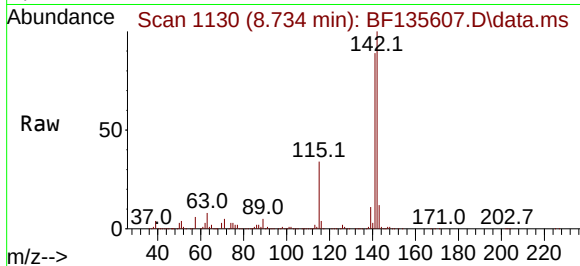
WC-1MSD

Tgt Ion:142 Resp: 761854

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 44.160 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135607.D

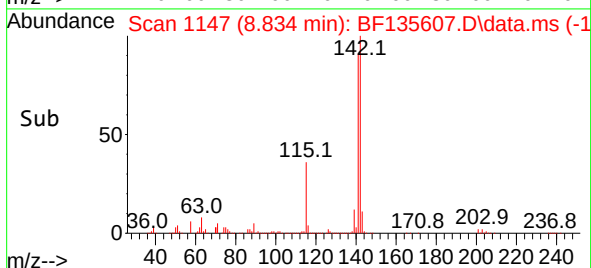
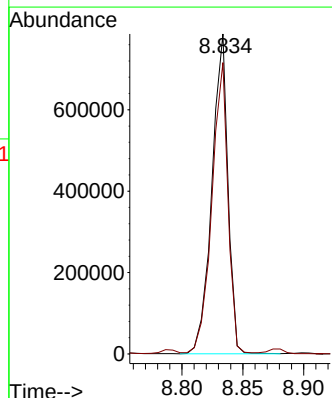
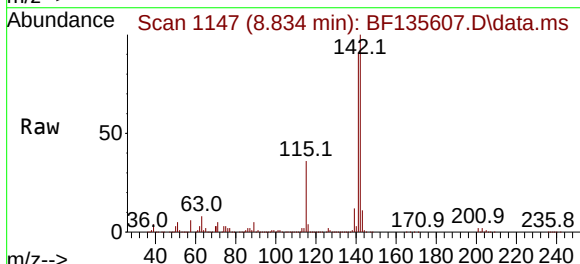
Acq: 05 Oct 2023 19:11

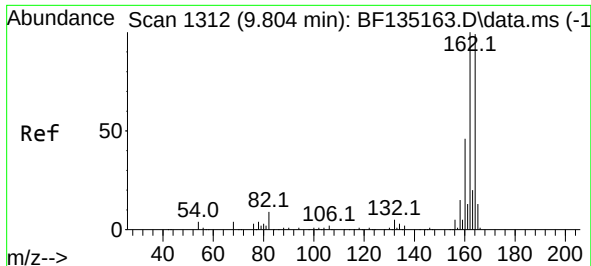
Tgt Ion:142 Resp: 720837

Ion Ratio Lower Upper

142 100

141 91.1 72.4 108.6

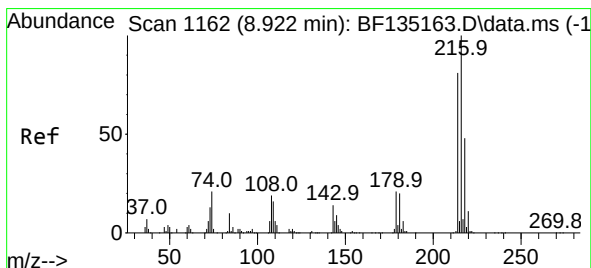
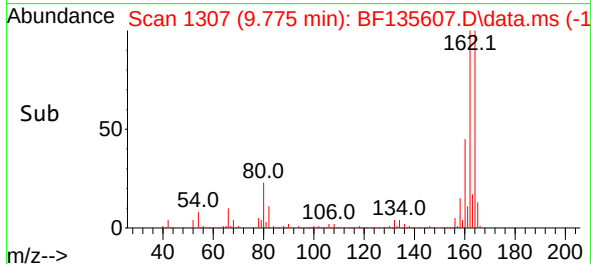
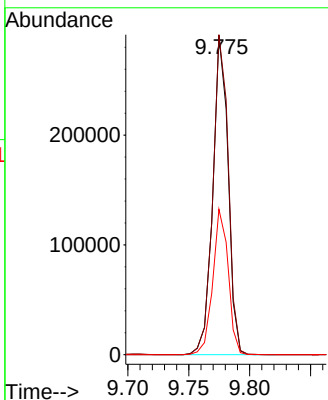
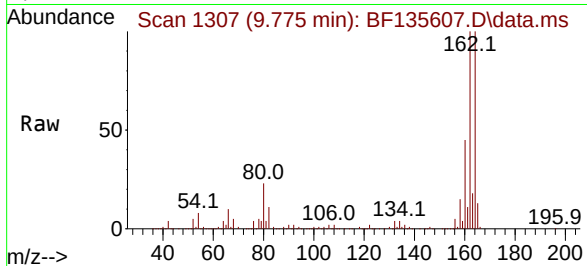




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

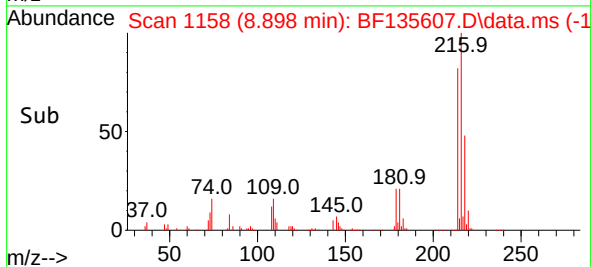
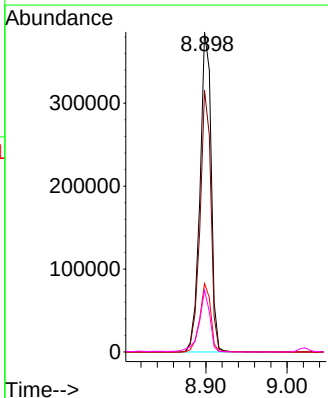
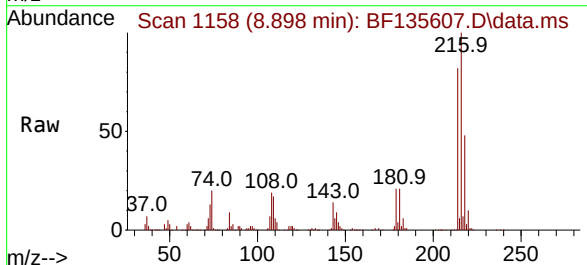
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

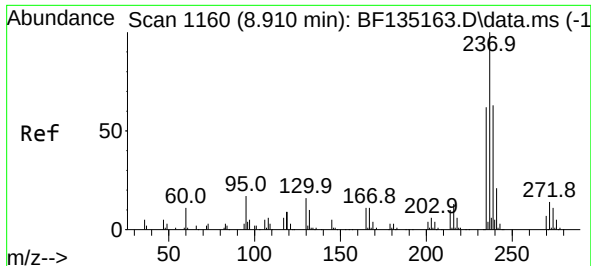
Tgt Ion:164 Resp: 253494
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.6 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.168 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:216 Resp: 368431
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 20.7 16.7 25.1
108 18.7 14.9 22.3

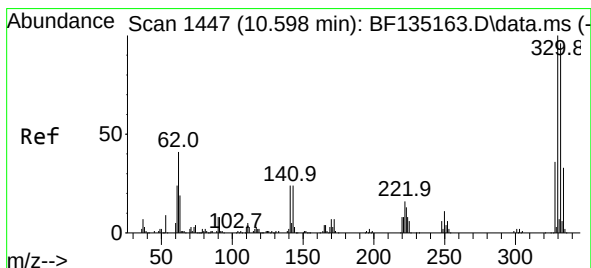
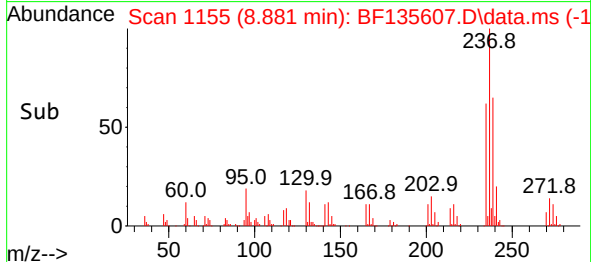
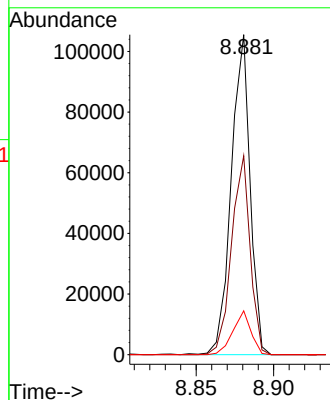
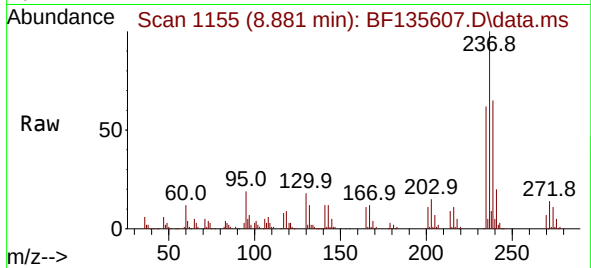




#41
Hexachlorocyclopentadiene
Concen: 32.406 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

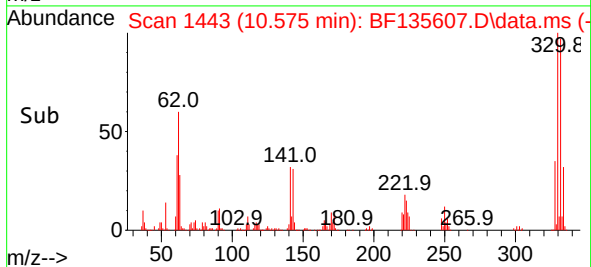
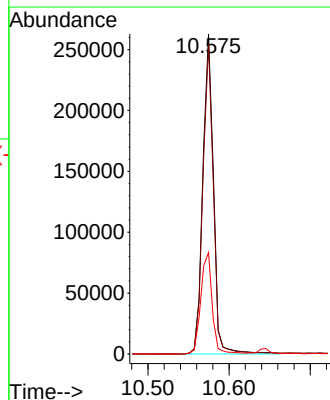
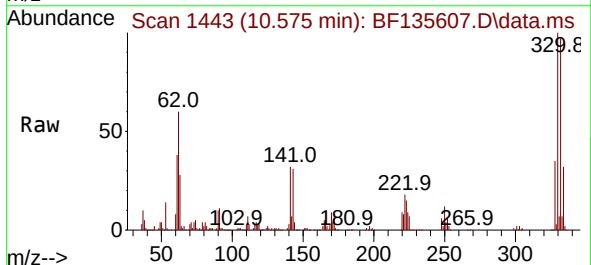
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

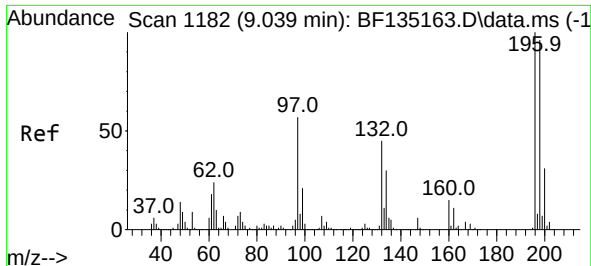
Tgt Ion: 237 Resp: 89202
Ion Ratio Lower Upper
237 100
235 62.2 41.8 81.8
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 95.293 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion: 330 Resp: 240054
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 34.0 25.8 38.8

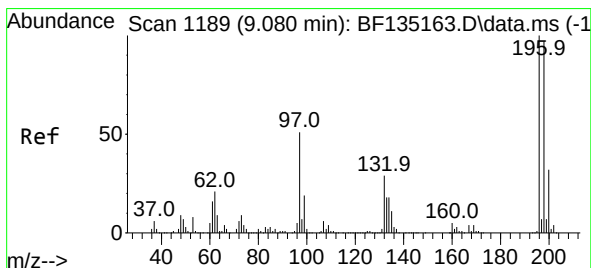
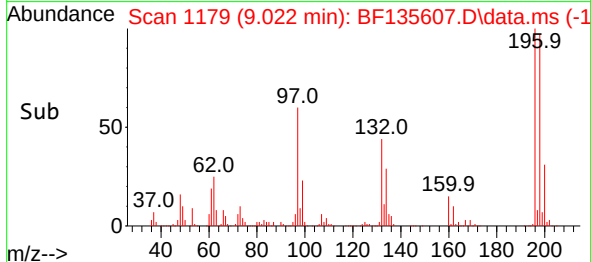
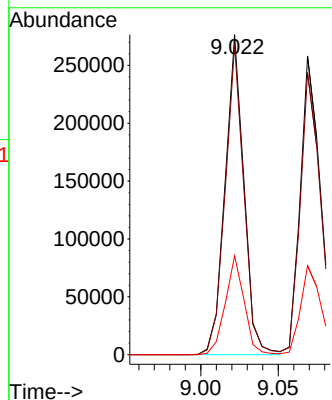
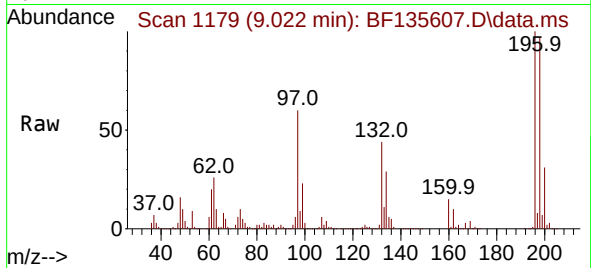




#43
2,4,6-Trichlorophenol
Concen: 48.792 ng
RT: 9.022 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

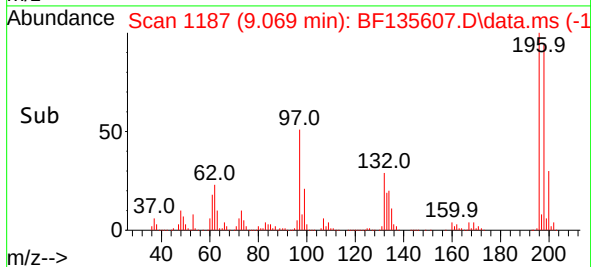
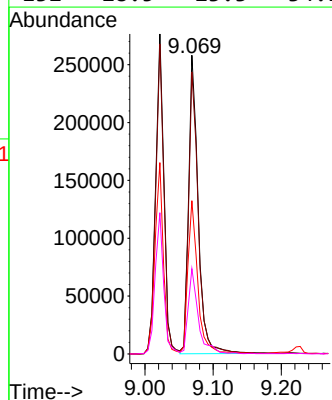
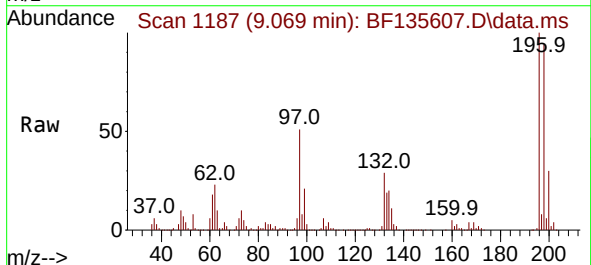
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

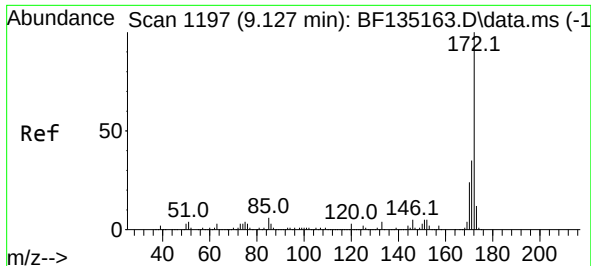
Tgt Ion:196 Resp: 234611
Ion Ratio Lower Upper
196 100
198 96.9 77.0 115.6
200 30.9 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 45.115 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:196 Resp: 249820
Ion Ratio Lower Upper
196 100
198 94.4 77.5 116.3
97 51.3 40.5 60.7
132 28.5 23.3 34.9

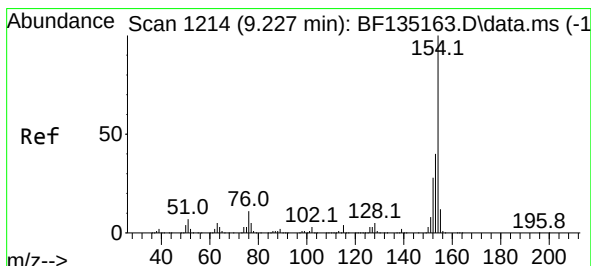
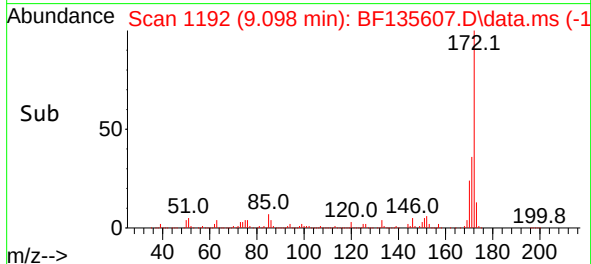
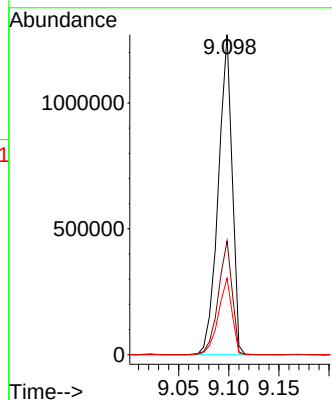
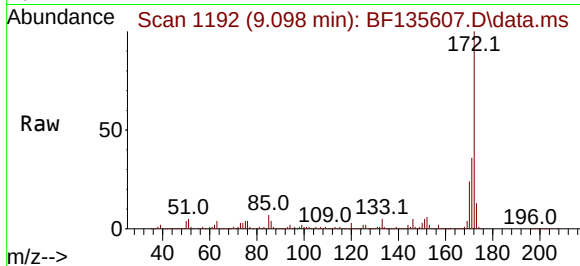




#45
2-Fluorobiphenyl
Concen: 72.655 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

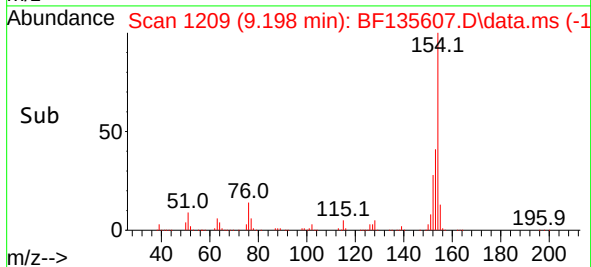
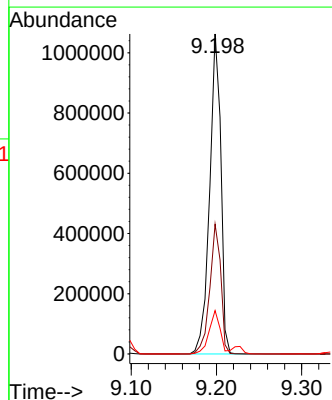
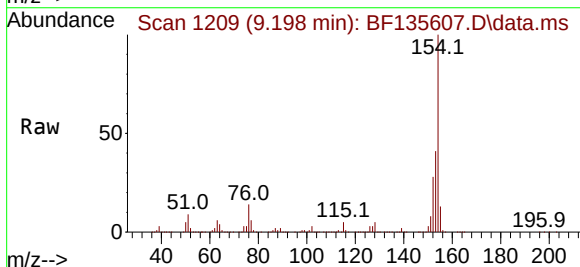
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

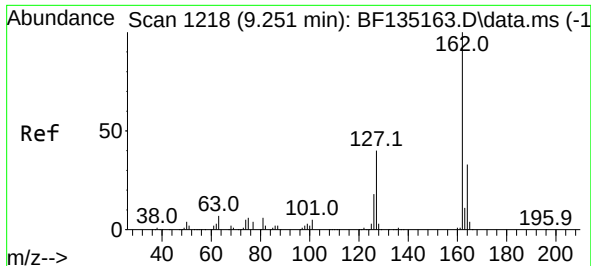
Tgt Ion:172 Resp: 1220742
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 49.803 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:154 Resp: 970186
Ion Ratio Lower Upper
154 100
153 40.5 19.6 59.6
76 13.6 0.0 31.0

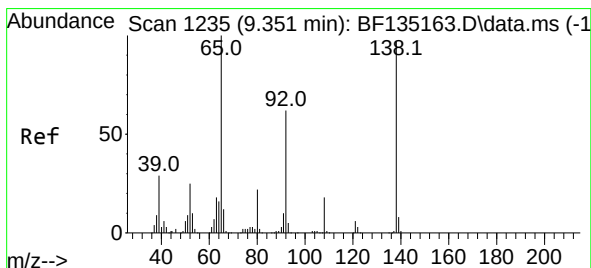
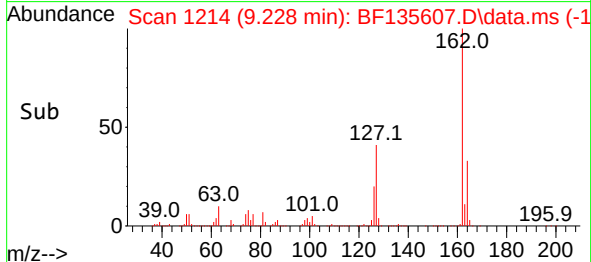
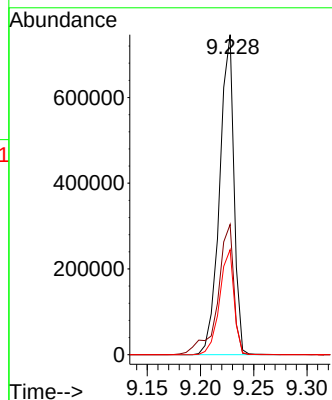
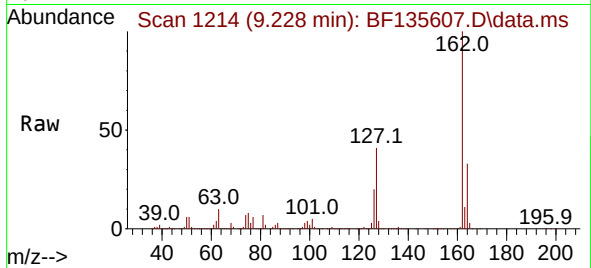




#47
2-Chloronaphthalene
Concen: 49.429 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

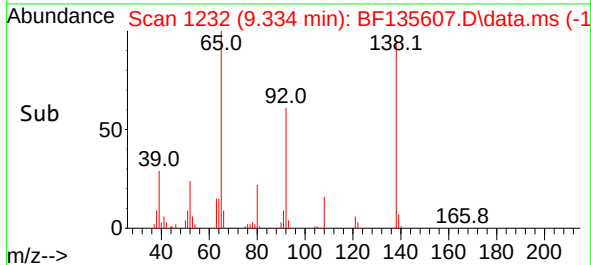
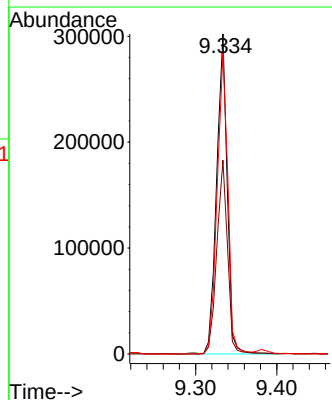
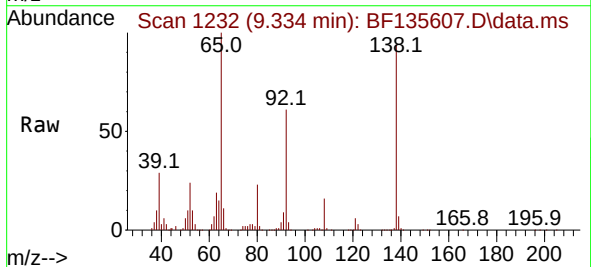
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

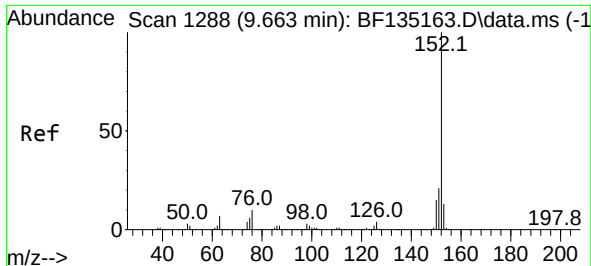
Tgt Ion:162 Resp: 698646
Ion Ratio Lower Upper
162 100
127 40.7 32.6 48.8
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 49.806 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion: 65 Resp: 273492
Ion Ratio Lower Upper
65 100
92 60.5 49.4 74.0
138 94.0 77.4 116.0

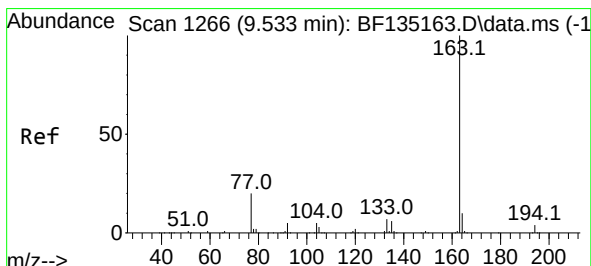
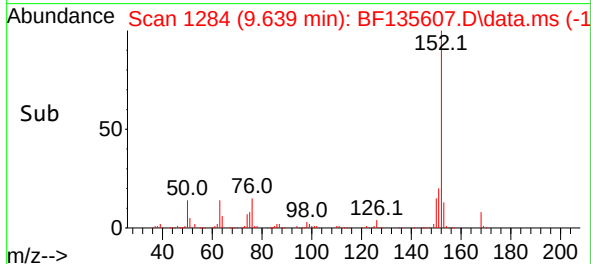
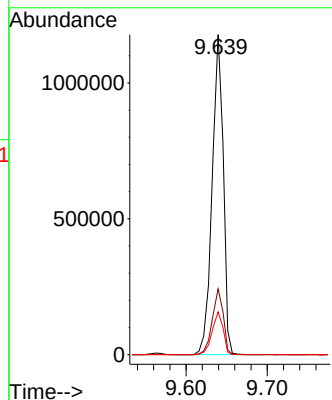
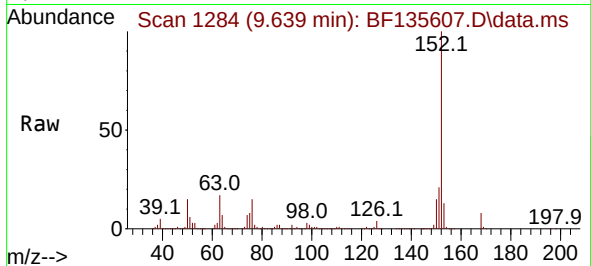




#49
Acenaphthylene
Concen: 47.511 ng
RT: 9.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

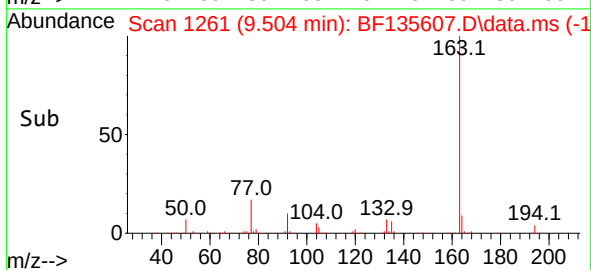
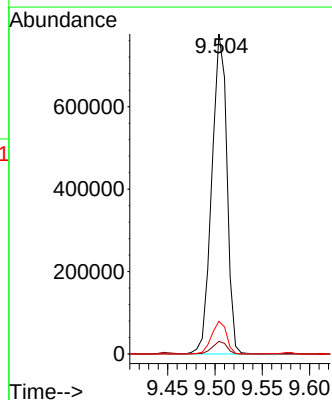
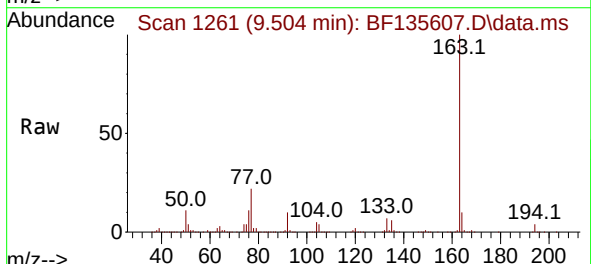
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

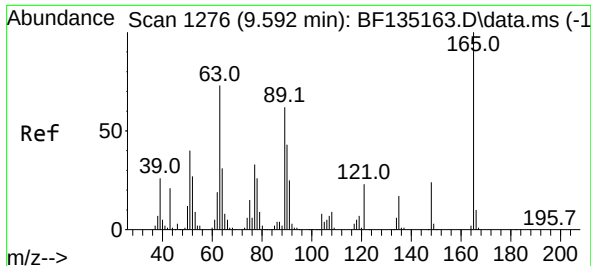
Tgt Ion:152 Resp: 1116051
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 50.119 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:163 Resp: 858973
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 49.319 ng

RT: 9.581 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

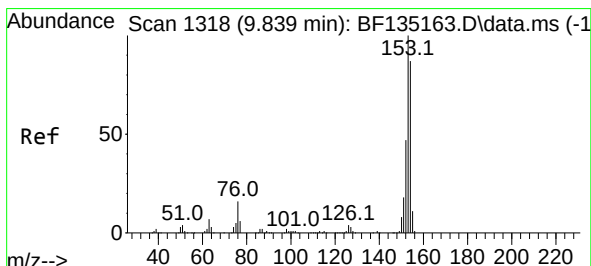
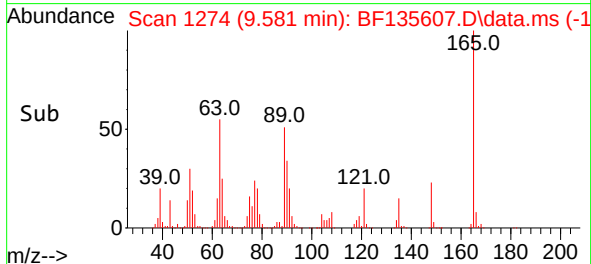
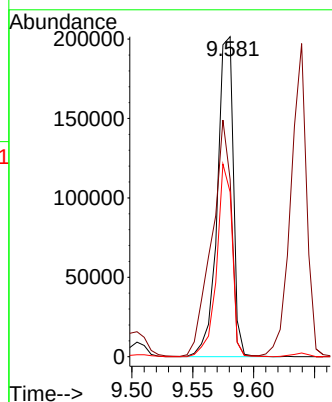
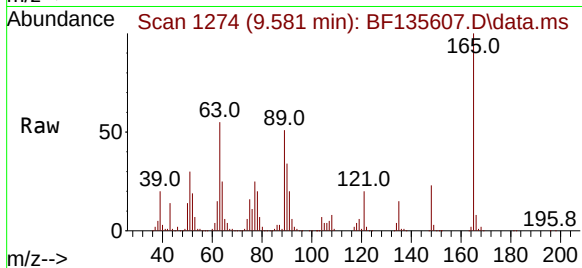
Tgt Ion:165 Resp: 185172

Ion Ratio Lower Upper

165 100

63 55.4 59.4 89.2#

89 51.5 49.8 74.8



#52

Acenaphthene

Concen: 47.686 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

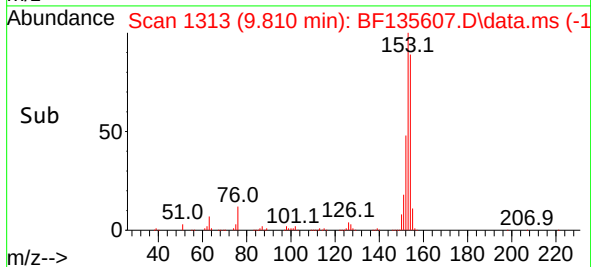
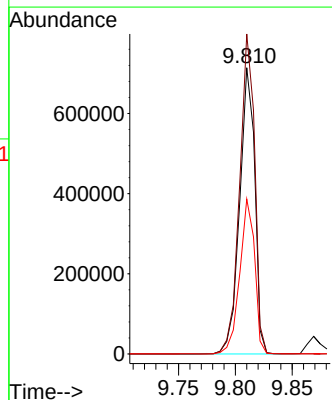
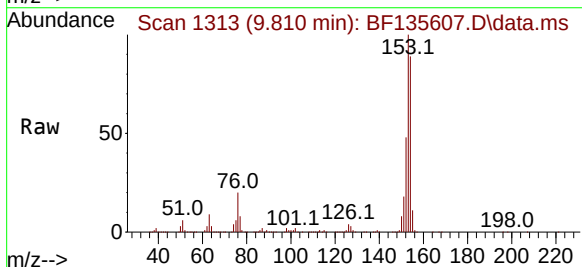
Tgt Ion:154 Resp: 661732

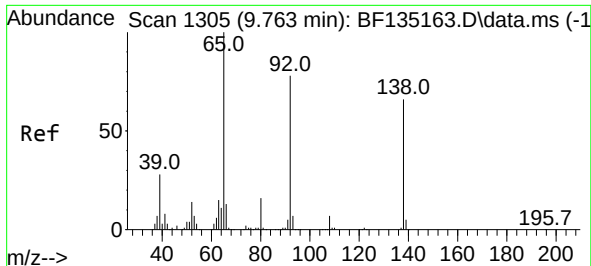
Ion Ratio Lower Upper

154 100

153 111.8 92.1 138.1

152 54.1 43.1 64.7

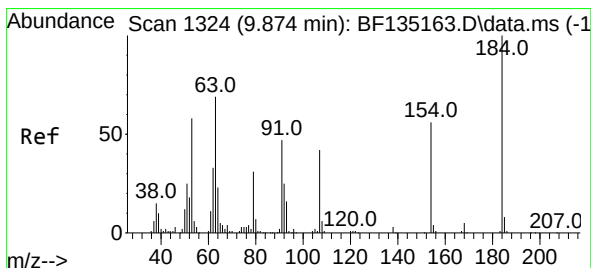
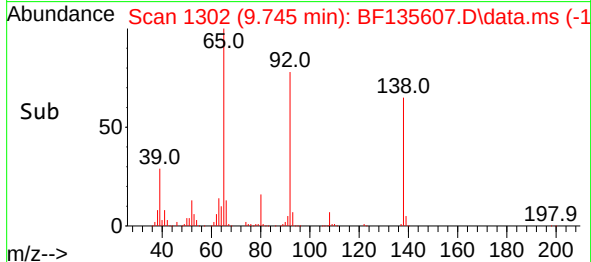
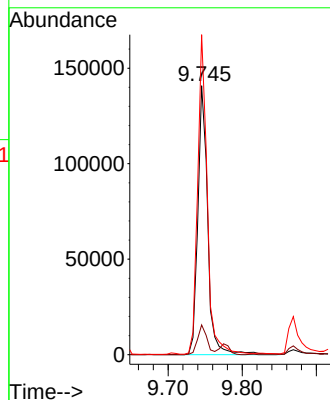
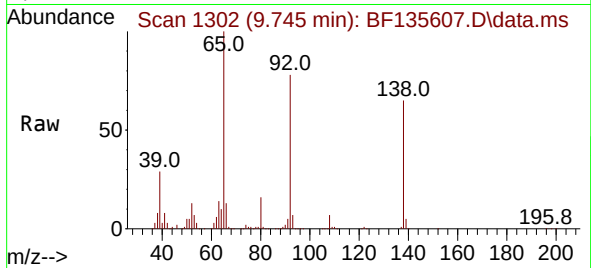




#53
3-Nitroaniline
Concen: 29.431 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

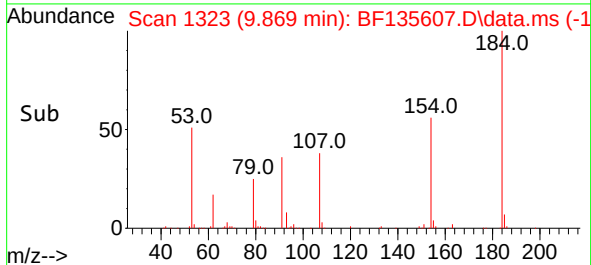
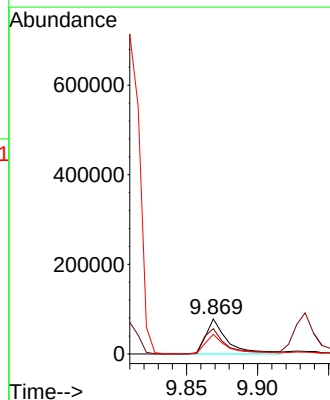
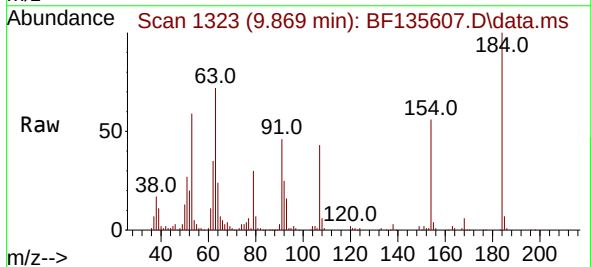
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

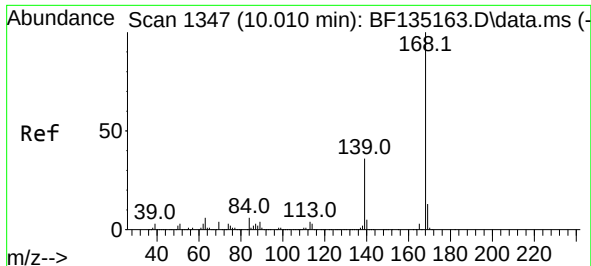
Tgt Ion:138 Resp: 129708
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 119.0 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 41.456 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:184 Resp: 81402
Ion Ratio Lower Upper
184 100
63 72.1 55.1 82.7
154 56.2 48.4 72.6

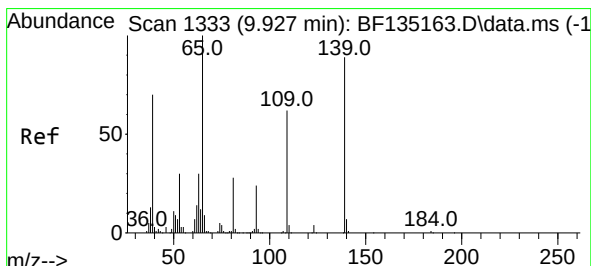
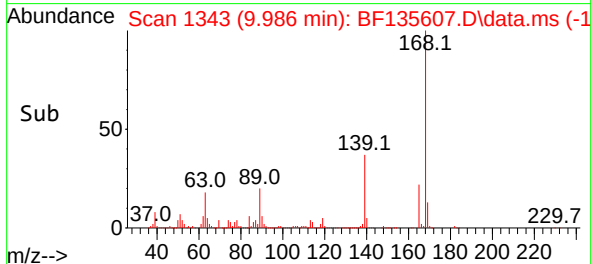
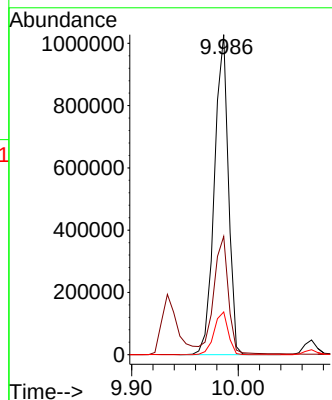
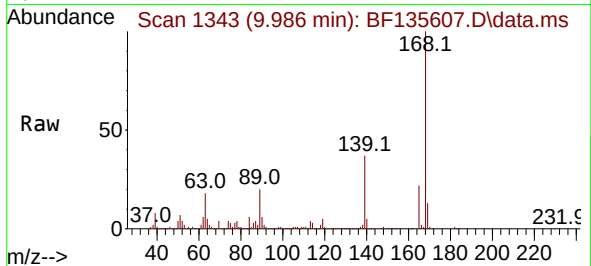




#55
Dibenzofuran
Concen: 44.152 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

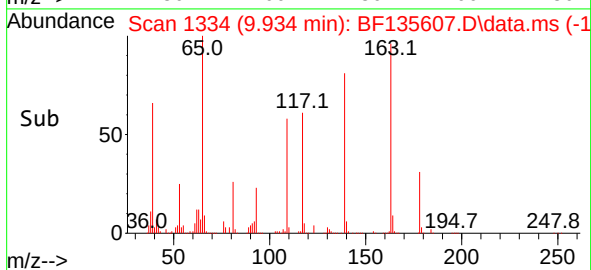
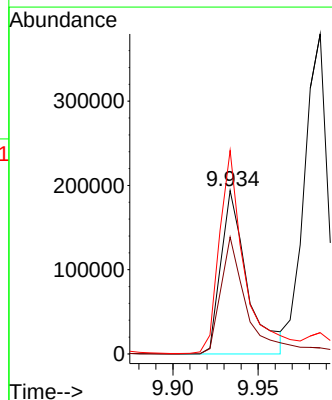
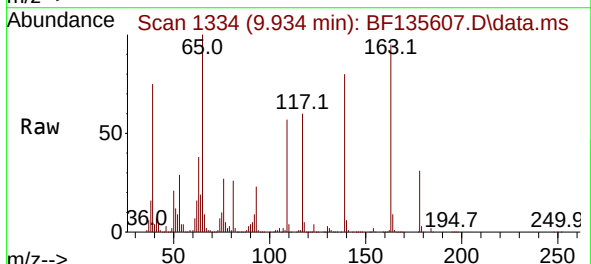
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

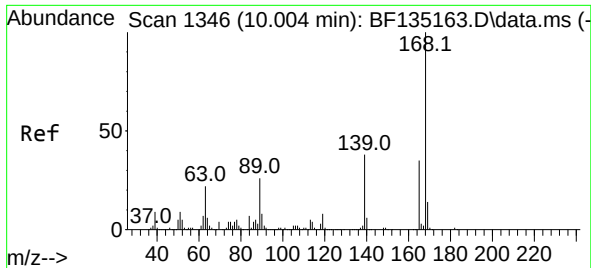
Tgt Ion:168 Resp: 934941
Ion Ratio Lower Upper
168 100
139 37.0 29.0 43.6
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 74.129 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:139 Resp: 207636
Ion Ratio Lower Upper
139 100
109 71.6 49.8 89.8
65 124.6 92.7 132.7

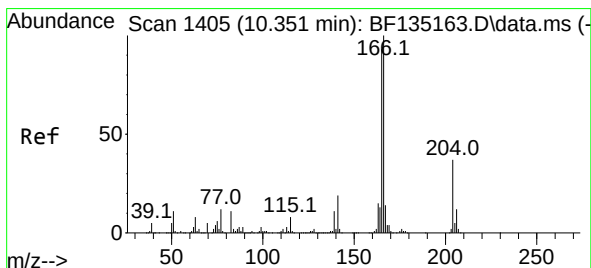
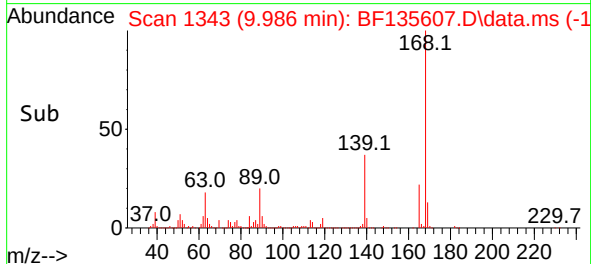
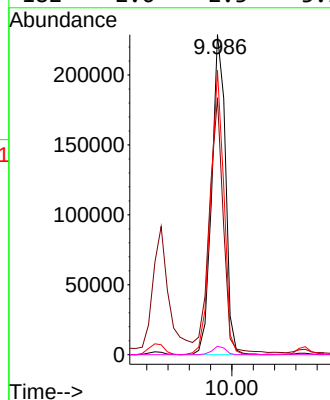
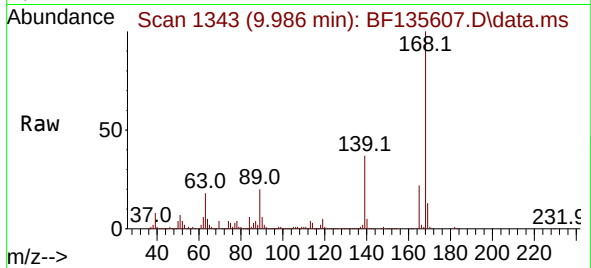




#57
2,4-Dinitrotoluene
Concen: 43.531 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

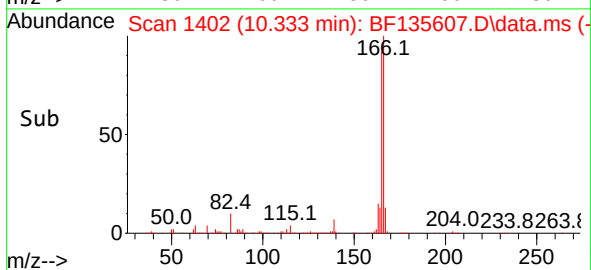
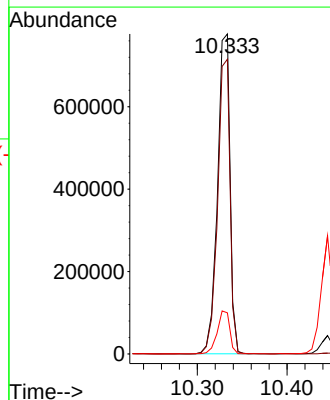
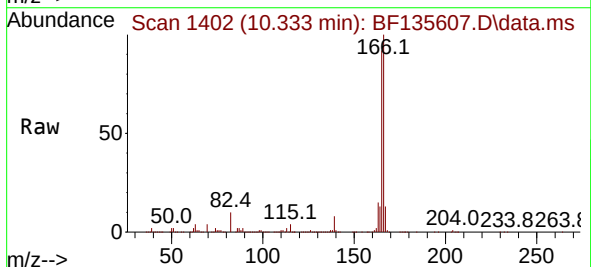
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

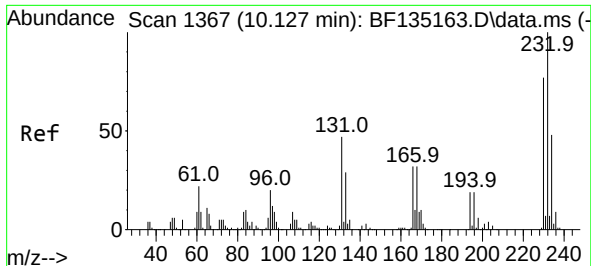
Tgt Ion:165 Resp: 204613
Ion Ratio Lower Upper
165 100
63 80.3 50.1 75.1#
89 88.8 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 46.199 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:166 Resp: 752078
Ion Ratio Lower Upper
166 100
165 92.1 74.3 111.5
167 12.9 10.9 16.3

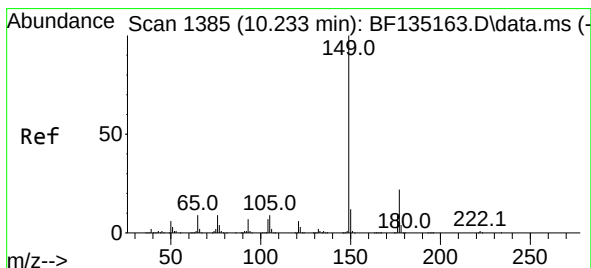
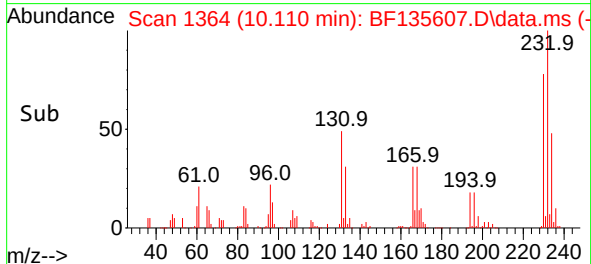
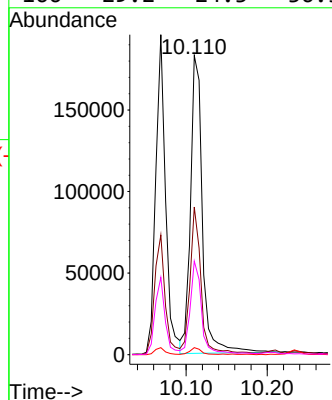
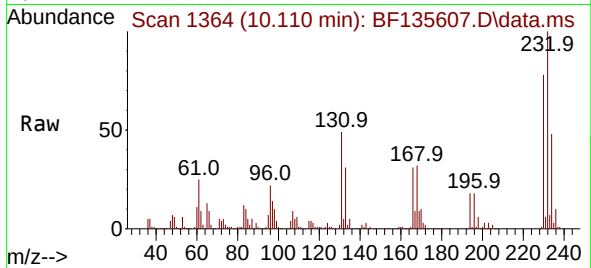




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.830 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

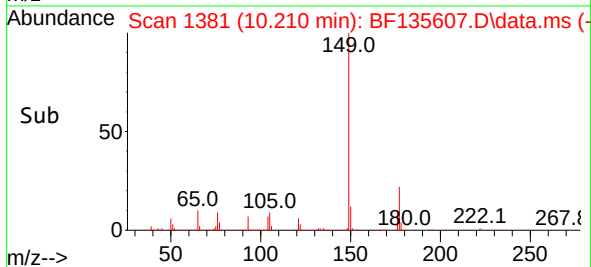
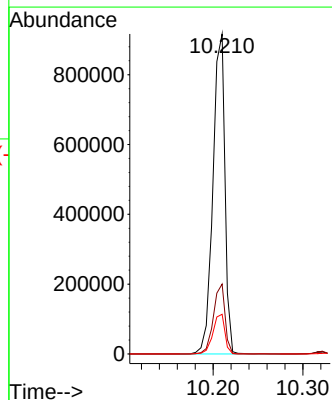
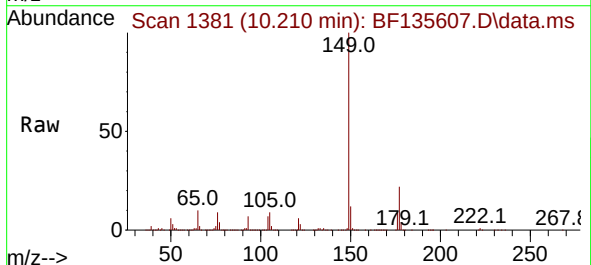
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

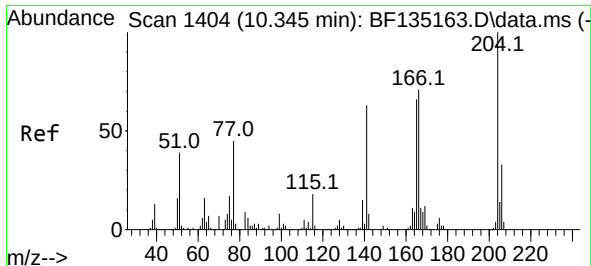
Tgt Ion:232 Resp: 186696
Ion Ratio Lower Upper
232 100
131 44.3 35.4 53.2
130 2.3 1.8 2.8
166 29.2 24.3 36.5



#60
Diethylphthalate
Concen: 49.464 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:149 Resp: 850790
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.4 10.0 15.0

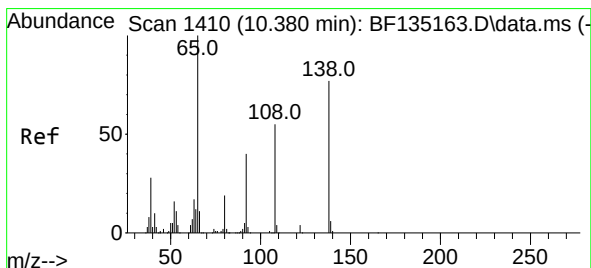
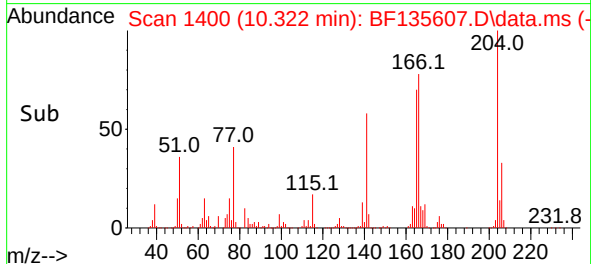
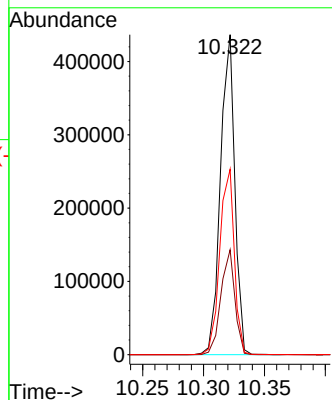
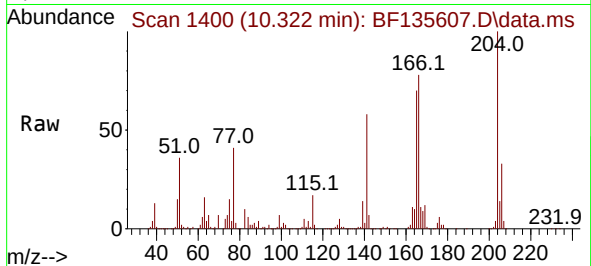




#61
4-Chlorophenyl-phenylether
Concen: 45.730 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

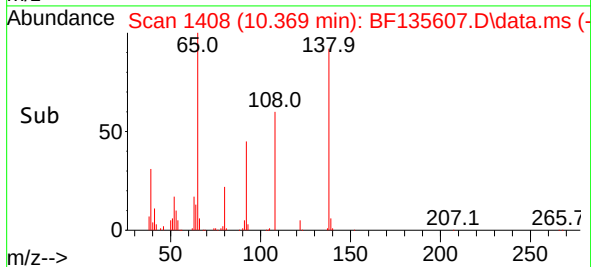
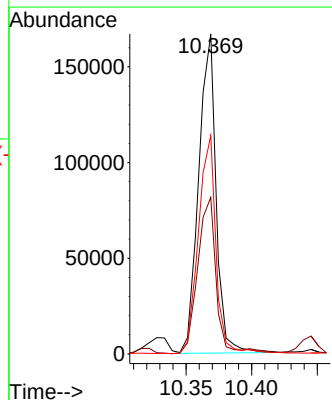
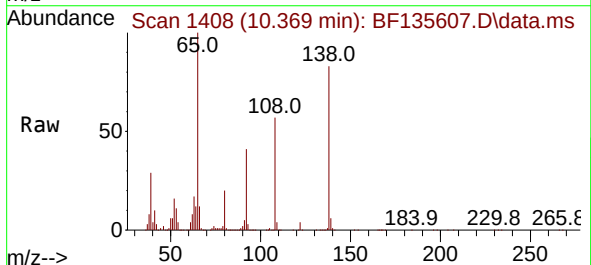
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

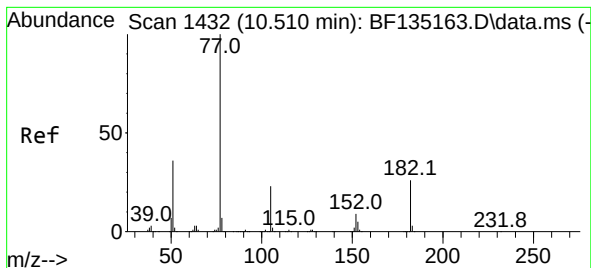
Tgt Ion:204 Resp: 357602
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 57.9 50.6 75.8



#62
4-Nitroaniline
Concen: 36.413 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:138 Resp: 154260
Ion Ratio Lower Upper
138 100
92 48.9 31.8 71.8
108 68.2 52.0 92.0





#63

Azobenzene

Concen: 48.726 ng

RT: 10.481 min Scan# 1427

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 77 Resp: 820245

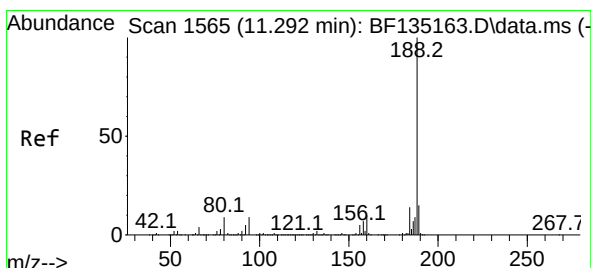
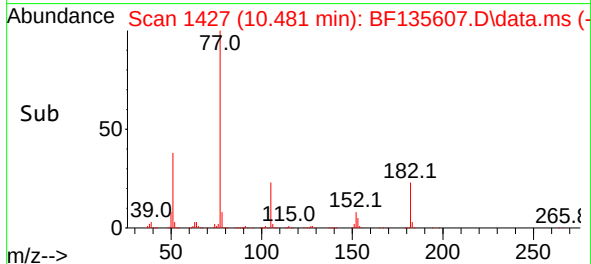
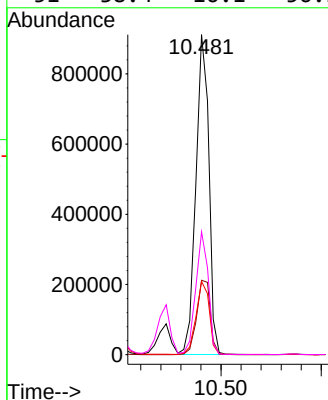
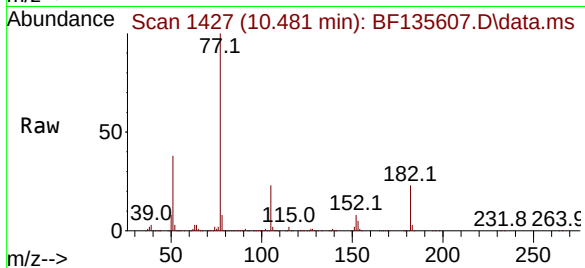
Ion Ratio Lower Upper

77 100

182 23.3 6.4 46.4

105 22.9 3.1 43.1

51 38.4 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

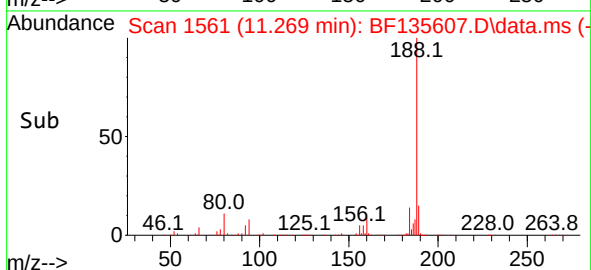
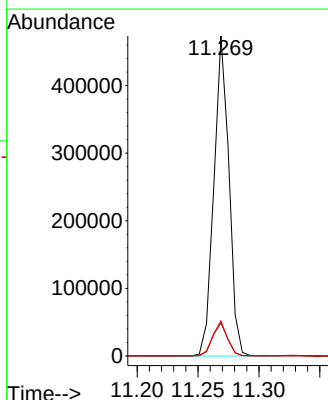
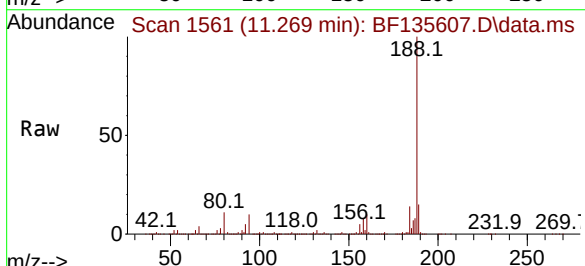
Tgt Ion: 188 Resp: 407601

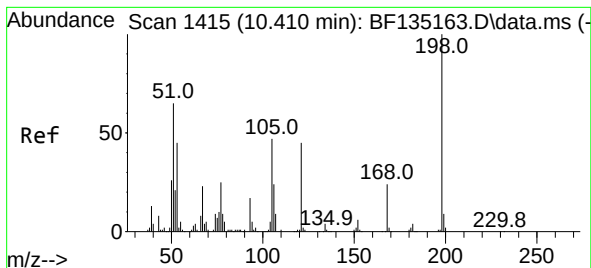
Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 11.0 7.5 11.3

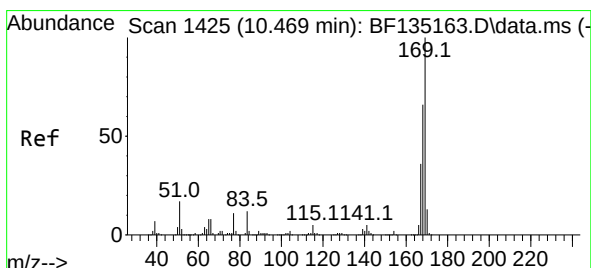
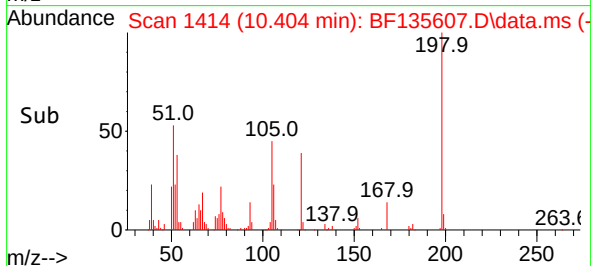
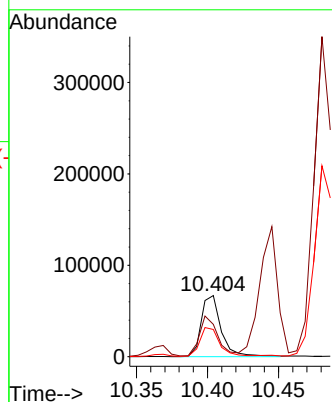
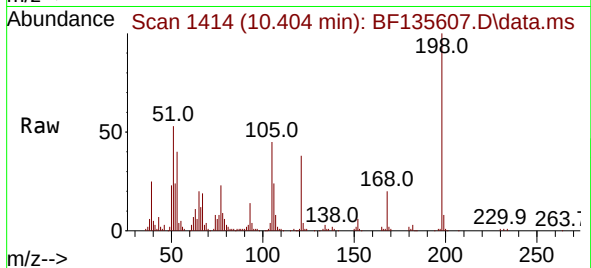




#65
4,6-Dinitro-2-methylphenol
Concen: 30.144 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

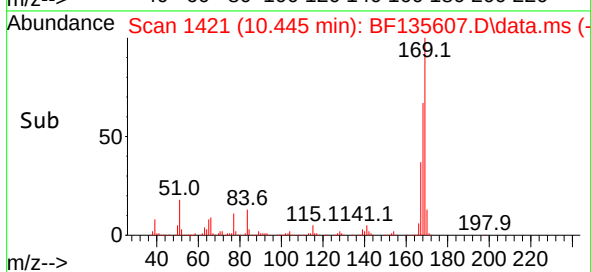
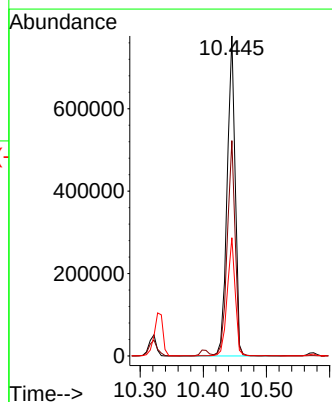
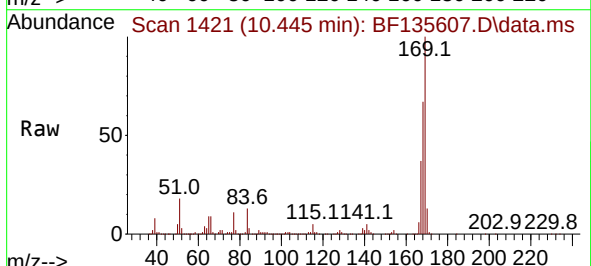
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

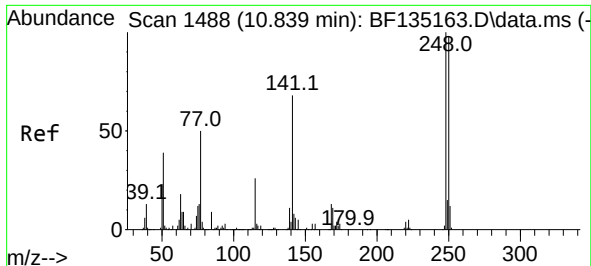
Tgt Ion:198 Resp: 65259
Ion Ratio Lower Upper
198 100
51 52.9 47.7 87.7
105 44.5 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 55.766 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:169 Resp: 688146
Ion Ratio Lower Upper
169 100
168 67.3 52.8 79.2
167 36.9 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 54.580 ng

RT: 10.810 min Scan# 1483

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

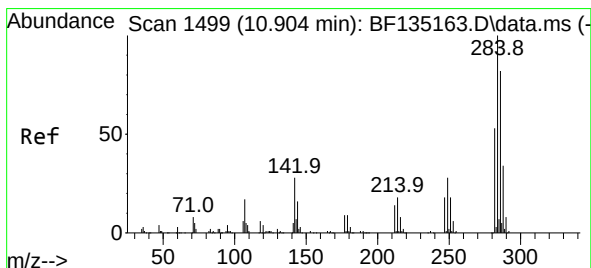
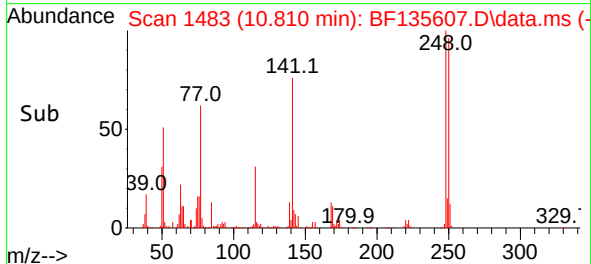
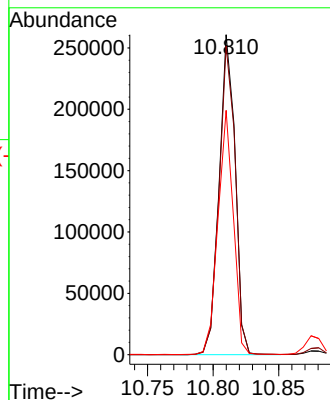
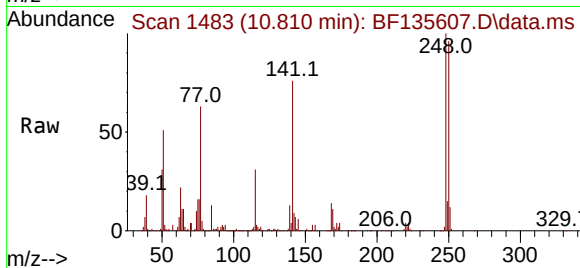
Tgt Ion:248 Resp: 221263

Ion Ratio Lower Upper

248 100

250 96.5 78.6 117.8

141 76.3 54.2 81.2



#68

Hexachlorobenzene

Concen: 52.115 ng

RT: 10.881 min Scan# 1495

Delta R.T. 0.006 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

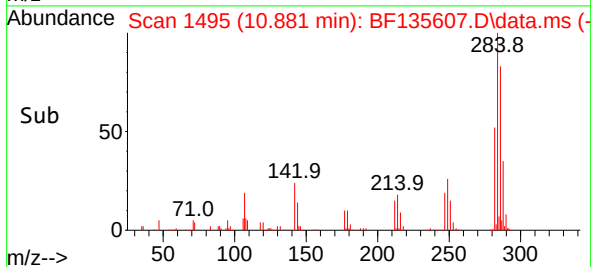
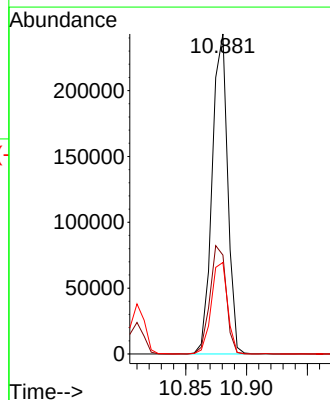
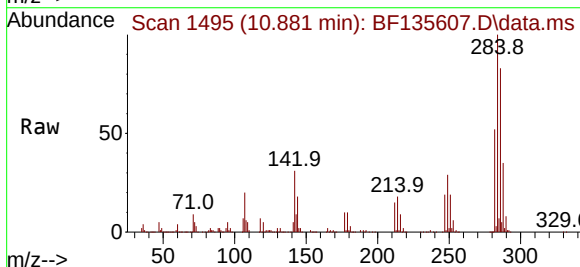
Tgt Ion:284 Resp: 215235

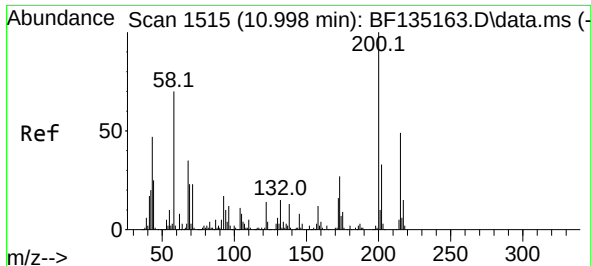
Ion Ratio Lower Upper

284 100

142 30.9 22.2 33.4

249 28.6 22.5 33.7

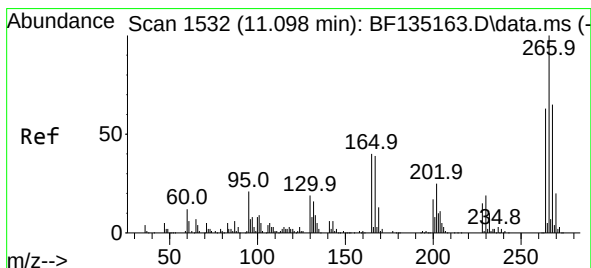
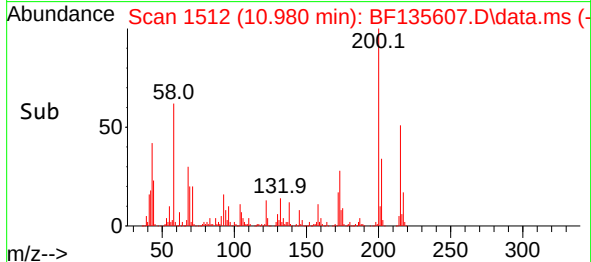
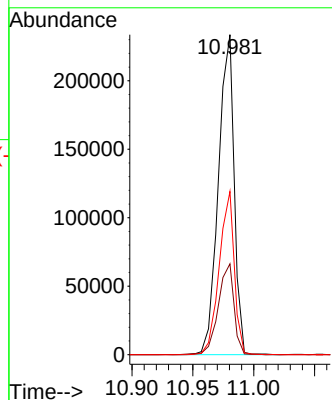
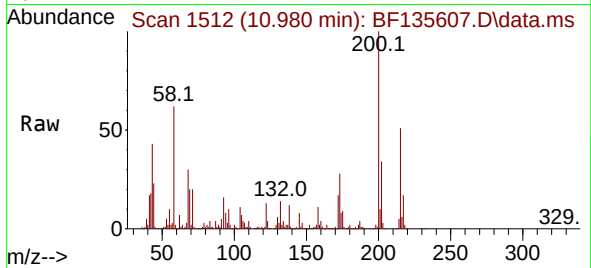




#69
 Atrazine
 Concen: 63.643 ng
 RT: 10.980 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BF135607.D
 Acq: 05 Oct 2023 19:11

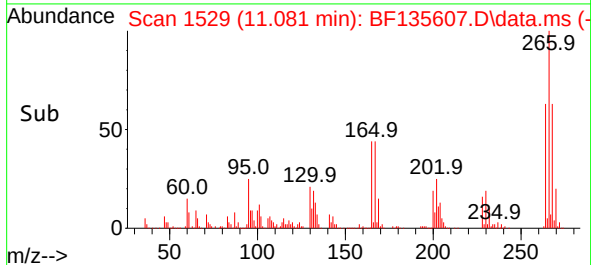
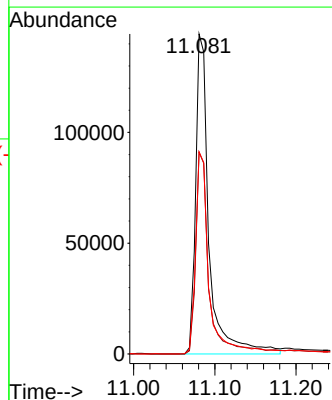
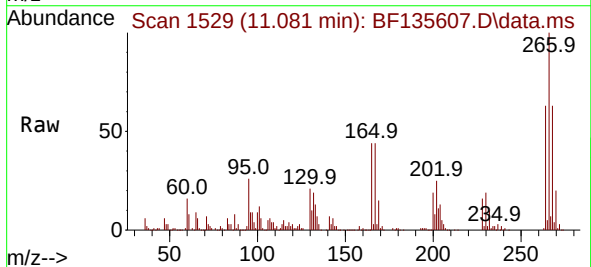
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

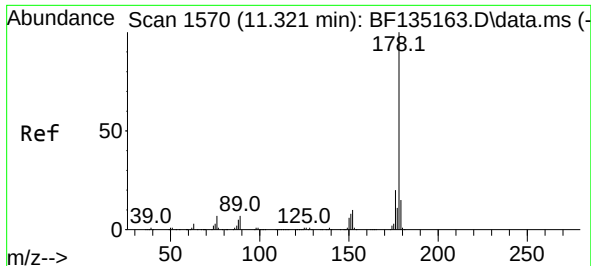
Tgt Ion:200 Resp: 211316
 Ion Ratio Lower Upper
 200 100
 173 28.4 7.4 47.4
 215 51.0 28.6 68.6



#70
 Pentachlorophenol
 Concen: 67.659 ng
 RT: 11.081 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: BF135607.D
 Acq: 05 Oct 2023 19:11

Tgt Ion:266 Resp: 167183
 Ion Ratio Lower Upper
 266 100
 268 63.1 52.1 78.1
 264 63.1 50.8 76.2

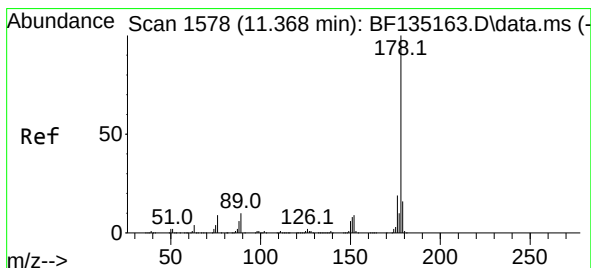
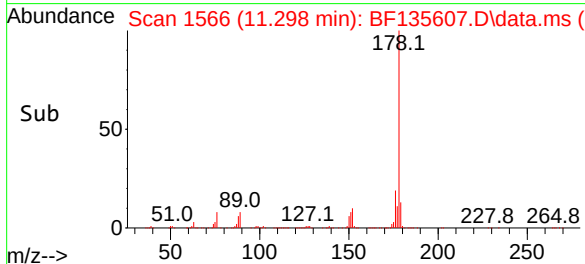
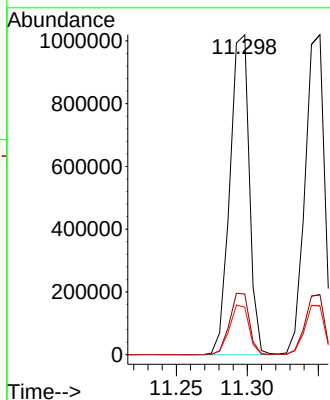
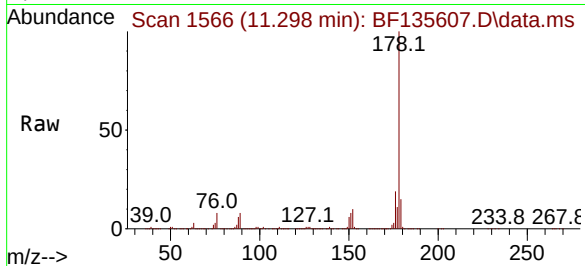




#71
Phenanthrene
Concen: 50.282 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

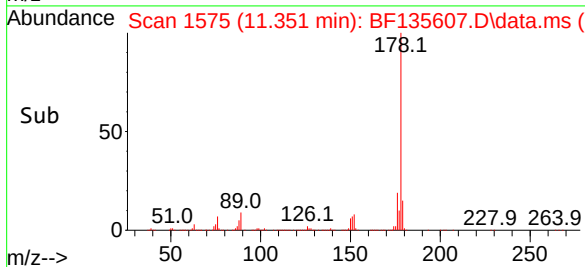
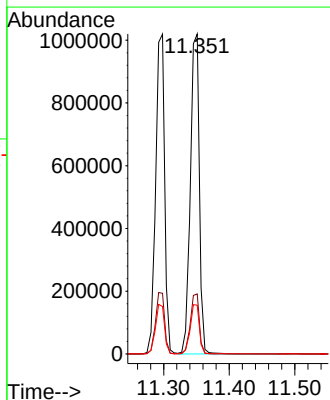
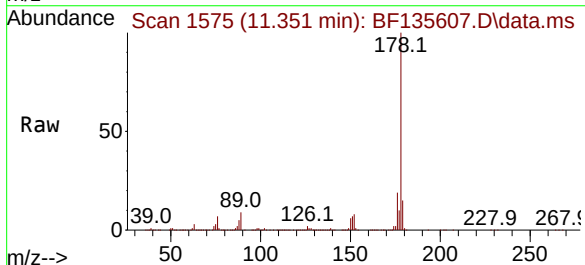
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

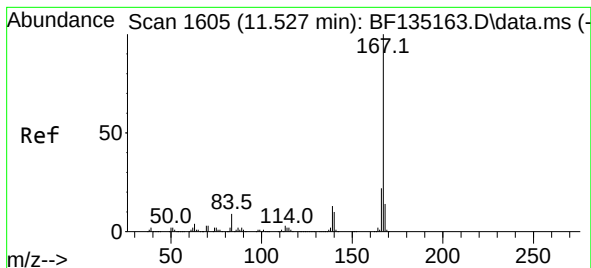
Tgt Ion:178 Resp: 969321
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 14.9 12.0 18.0



#72
Anthracene
Concen: 49.068 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:178 Resp: 972301
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.2 12.6 19.0





#73

Carbazole

Concen: 48.808 ng

RT: 11.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

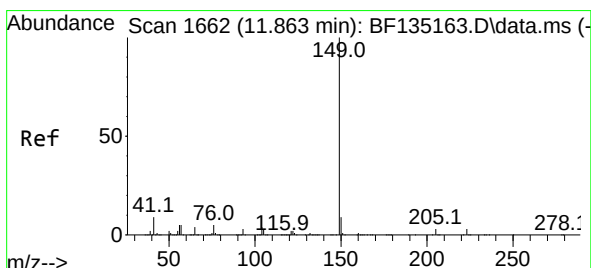
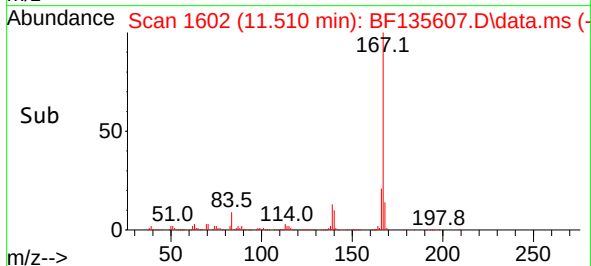
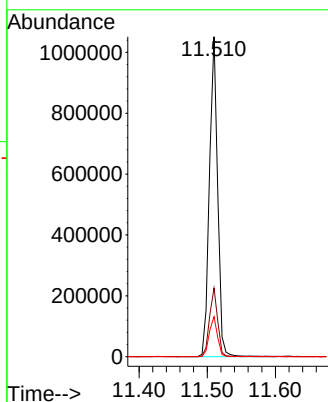
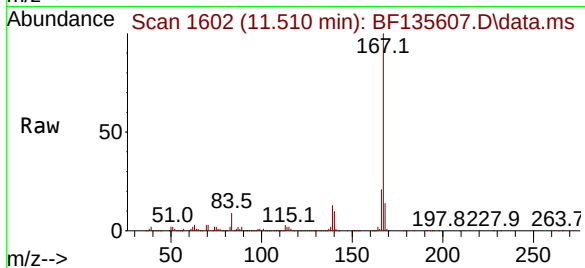
Tgt Ion:167 Resp: 880419

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 12.5 10.6 15.8



#74

Di-n-butylphthalate

Concen: 57.507 ng

RT: 11.833 min Scan# 1657

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

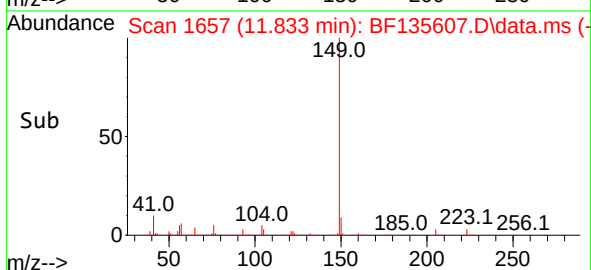
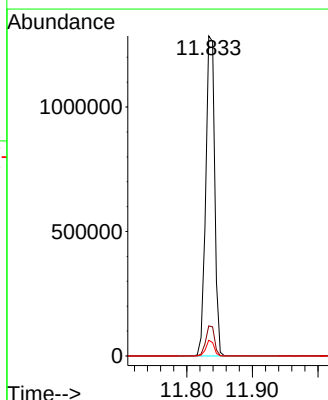
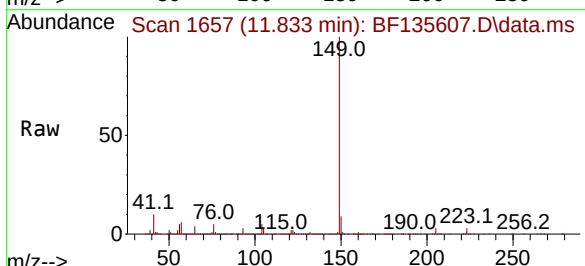
Tgt Ion:149 Resp: 1222339

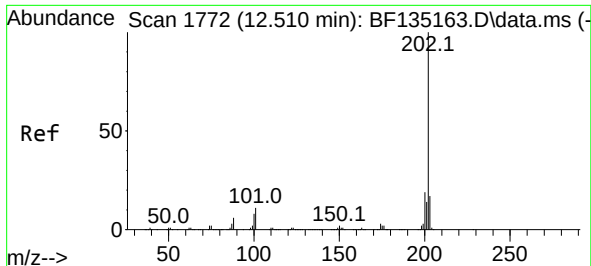
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.9 3.6 5.4

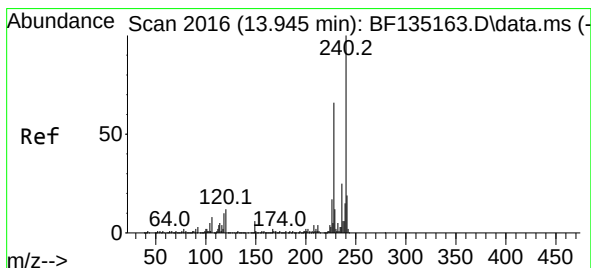
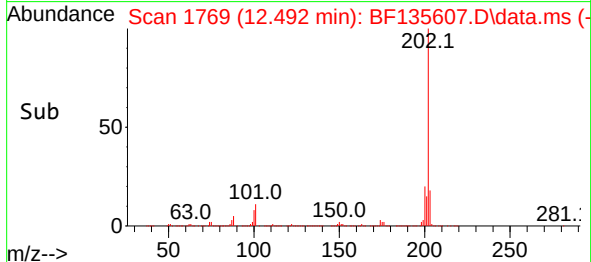
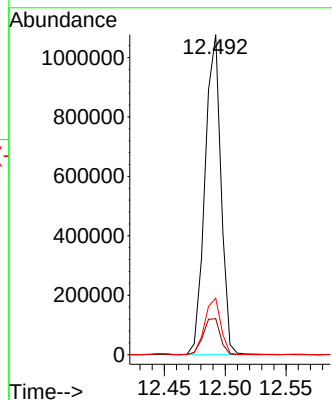
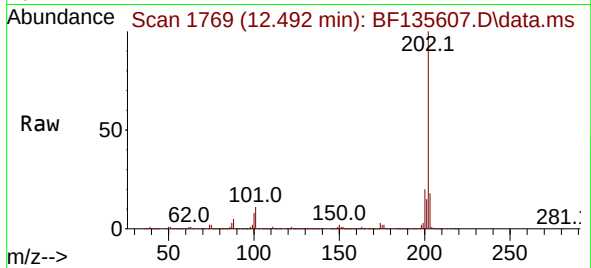




#75
Fluoranthene
Concen: 48.923 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

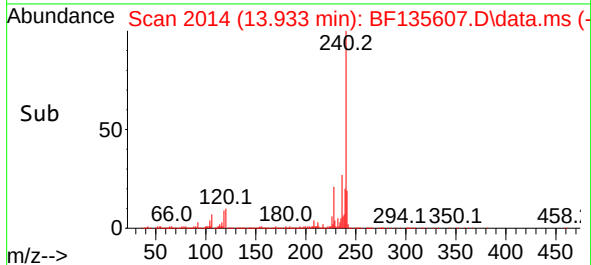
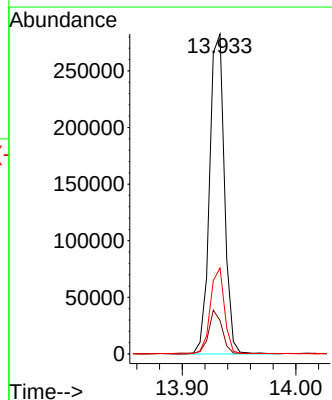
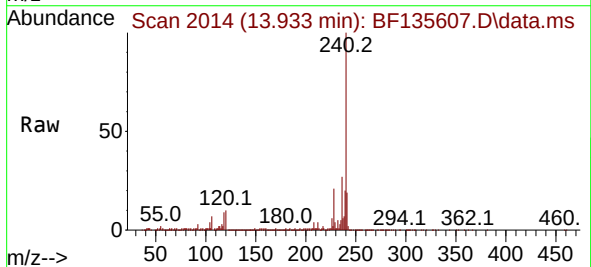
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

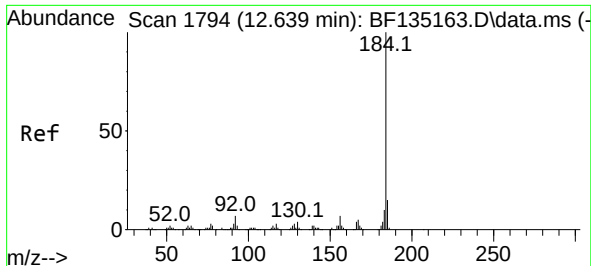
Tgt Ion:202 Resp: 982733
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.3
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:240 Resp: 256645
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.9 19.8 29.8

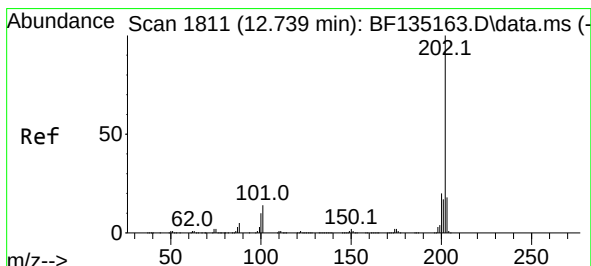
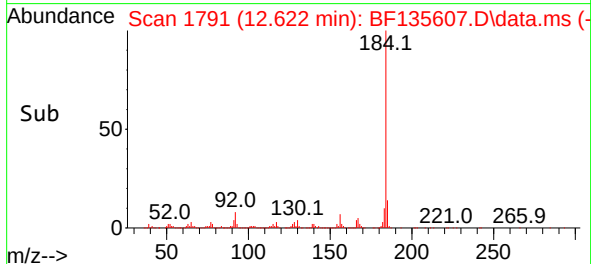
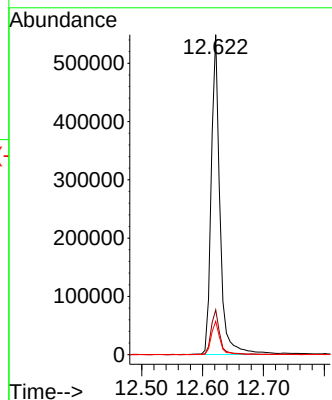
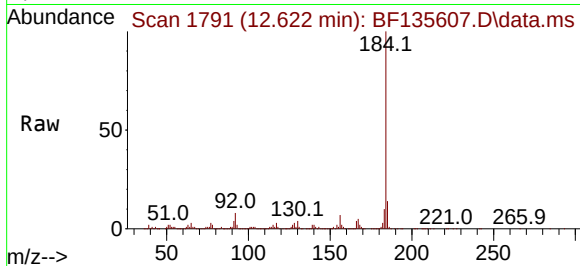




#77
Benzidine
Concen: 104.375 ng
RT: 12.622 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

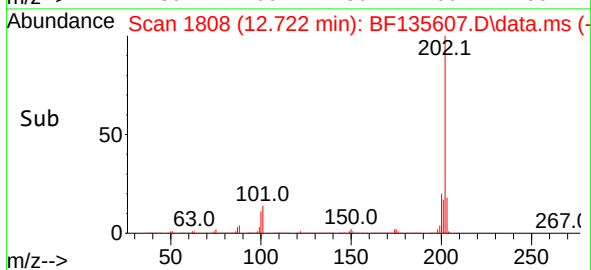
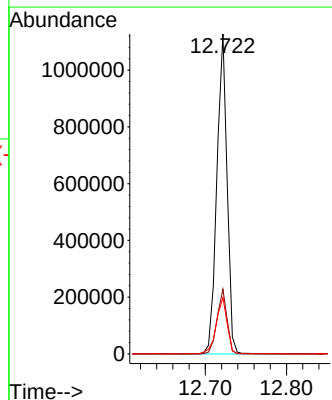
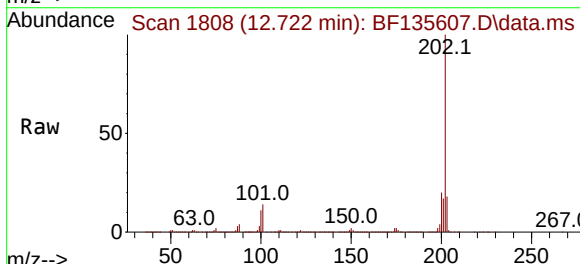
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

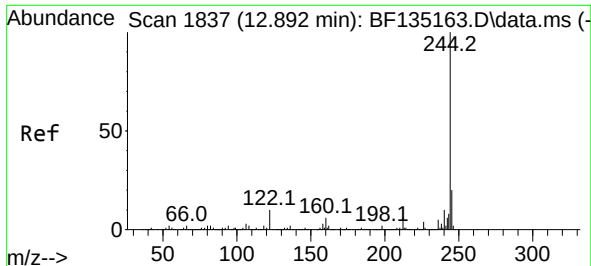
Tgt Ion:184 Resp: 548787
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.4 8.2 12.4



#78
Pyrene
Concen: 40.280 ng
RT: 12.722 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:202 Resp: 984228
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.6 14.2 21.4

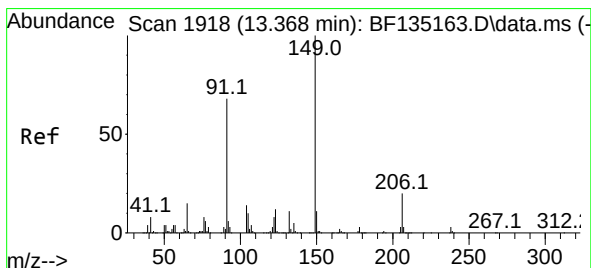
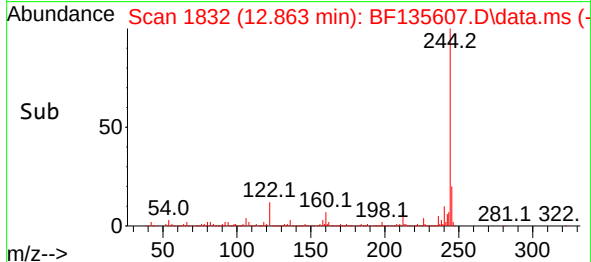
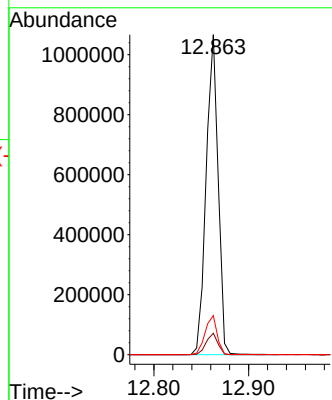
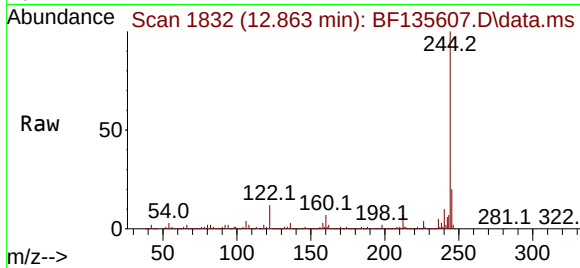




#79
 Terphenyl-d14
 Concen: 56.269 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135607.D
 Acq: 05 Oct 2023 19:11

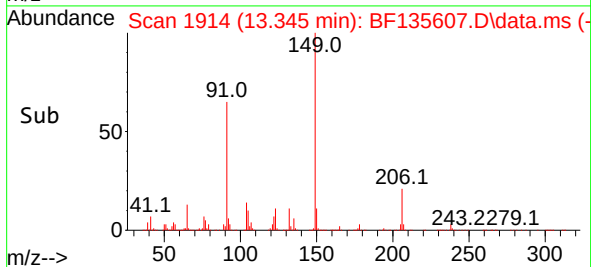
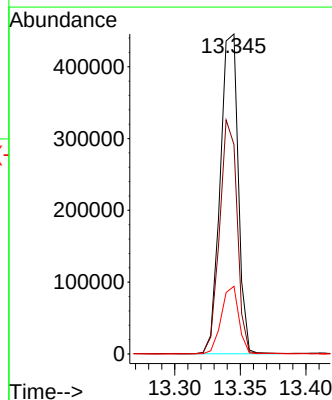
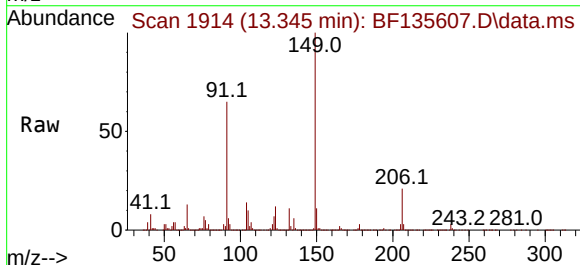
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

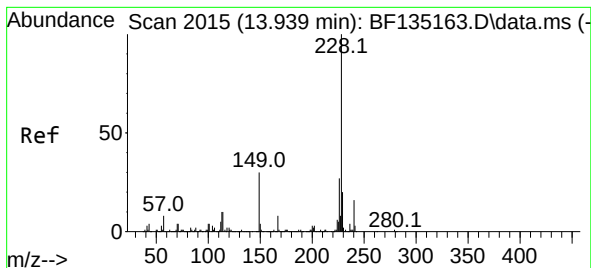
Tgt Ion:244 Resp: 931566
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.2 7.9 11.9#



#80
 Butylbenzylphthalate
 Concen: 49.416 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: BF135607.D
 Acq: 05 Oct 2023 19:11

Tgt Ion:149 Resp: 425123
 Ion Ratio Lower Upper
 149 100
 91 65.4 54.7 82.1
 206 21.2 16.3 24.5





#81

Benzo(a)anthracene

Concen: 52.704 ng

RT: 13.922 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

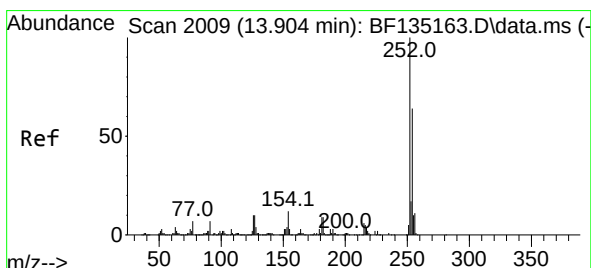
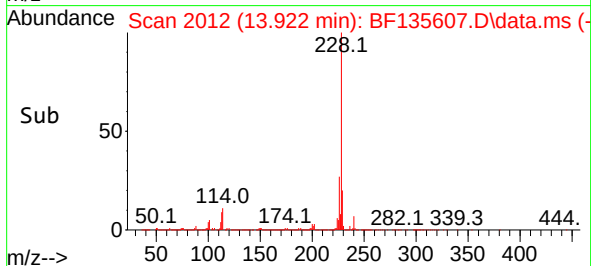
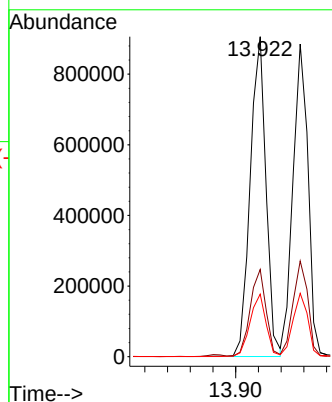
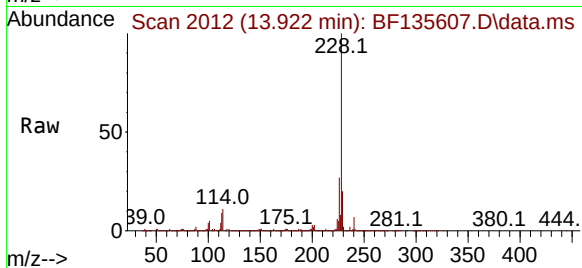
Tgt Ion:228 Resp: 873430

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 56.230 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

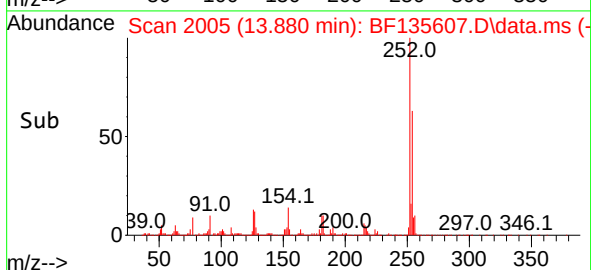
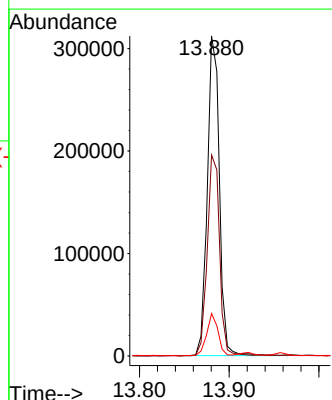
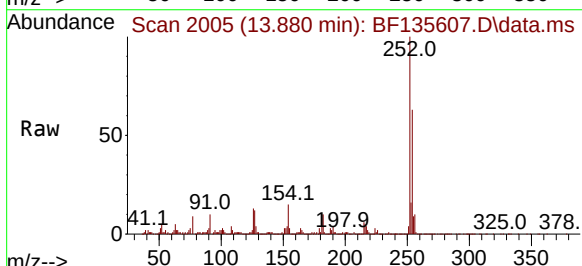
Tgt Ion:252 Resp: 291067

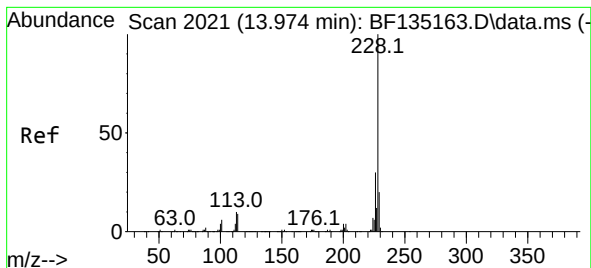
Ion Ratio Lower Upper

252 100

254 62.8 51.0 76.4

126 13.2 7.8 11.8#





#83

Chrysene

Concen: 49.403 ng

RT: 13.957 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

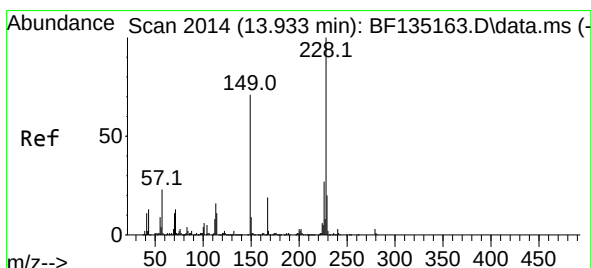
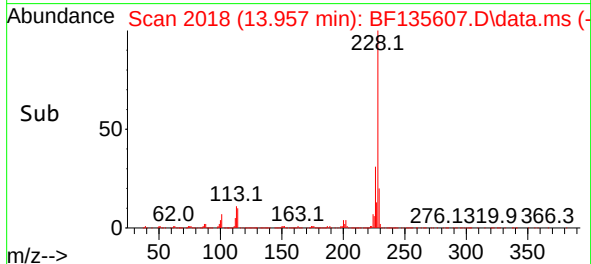
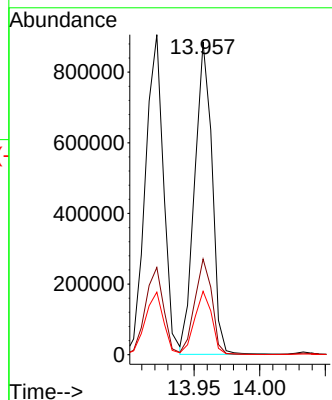
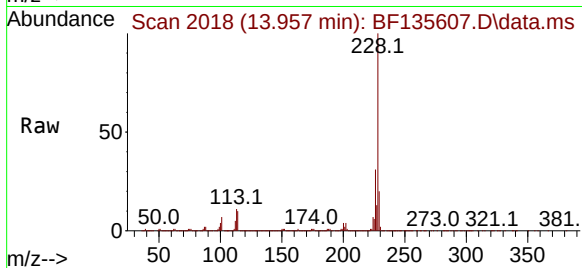
Tgt Ion:228 Resp: 813990

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.699 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

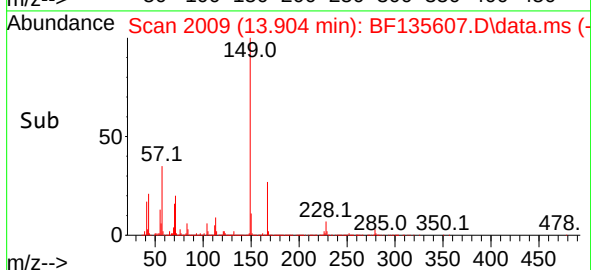
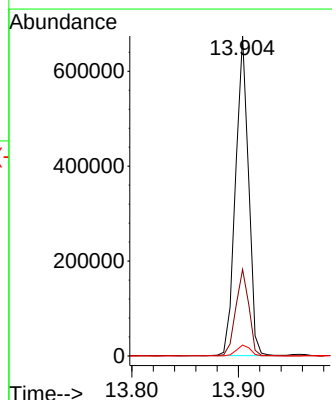
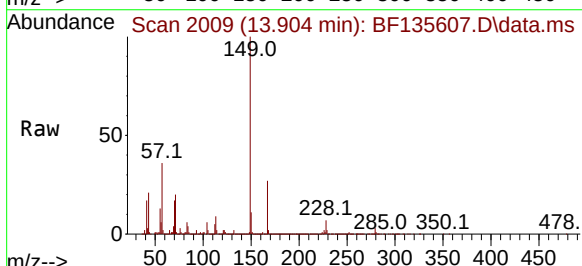
Tgt Ion:149 Resp: 571176

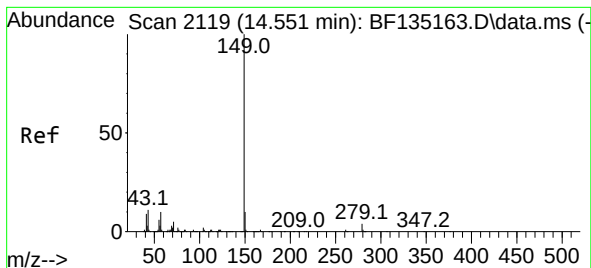
Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

279 3.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 72.714 ng

RT: 14.521 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

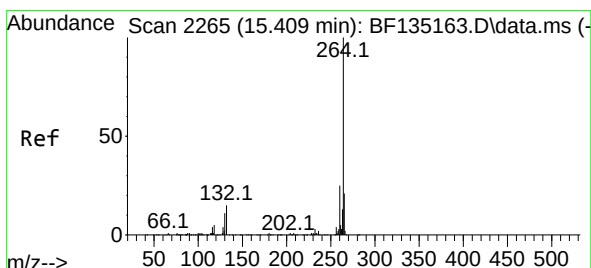
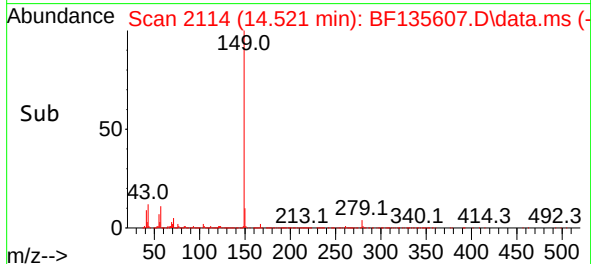
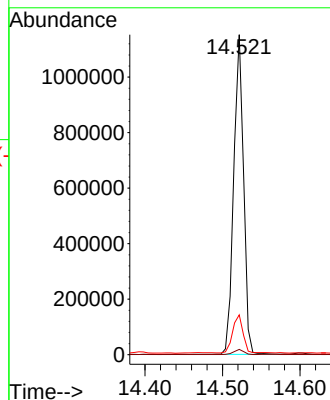
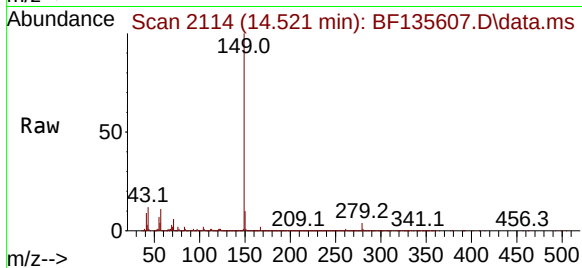
Tgt Ion:149 Resp: 1020159

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.7 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

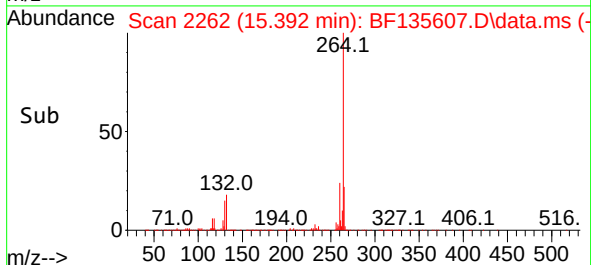
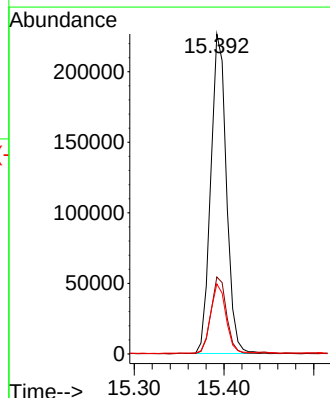
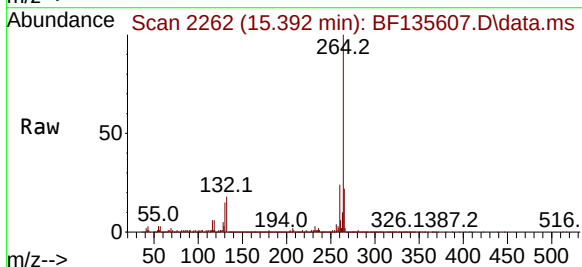
Tgt Ion:264 Resp: 274658

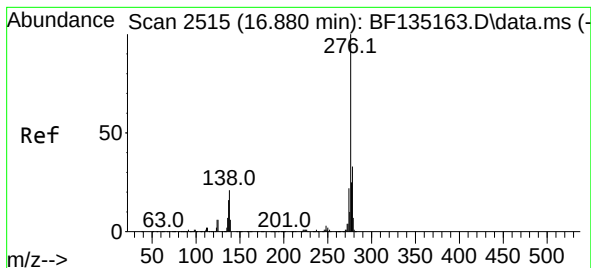
Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.932 ng

RT: 16.886 min Scan# 2190

Delta R.T. 0.018 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

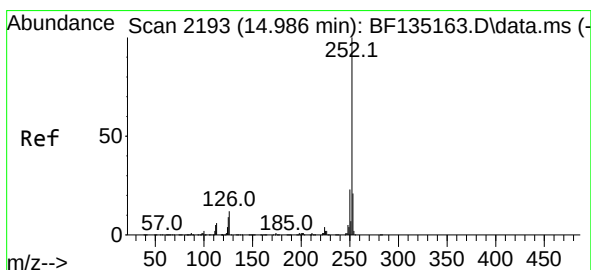
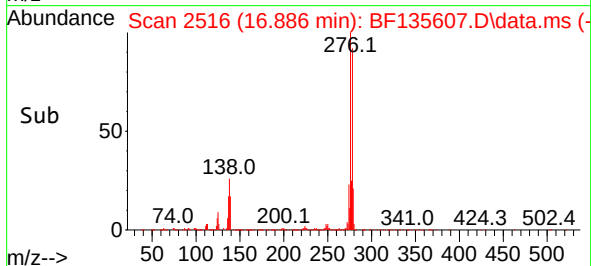
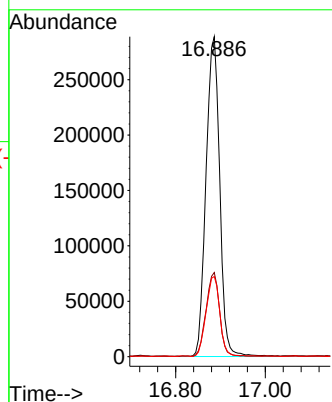
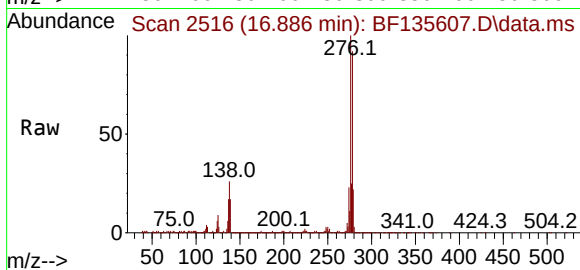
Tgt Ion:276 Resp: 611059

Ion Ratio Lower Upper

276 100

138 25.9 19.2 28.8

277 25.3 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 58.167 ng

RT: 14.968 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

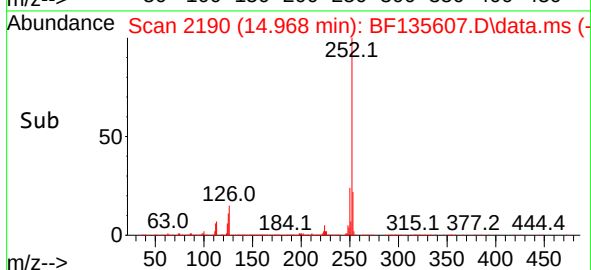
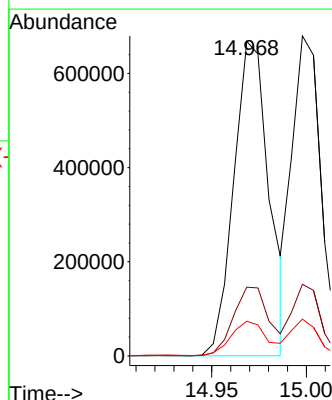
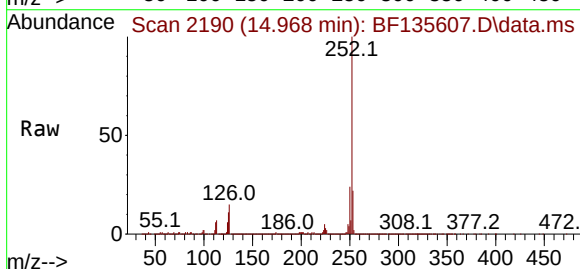
Tgt Ion:252 Resp: 864842

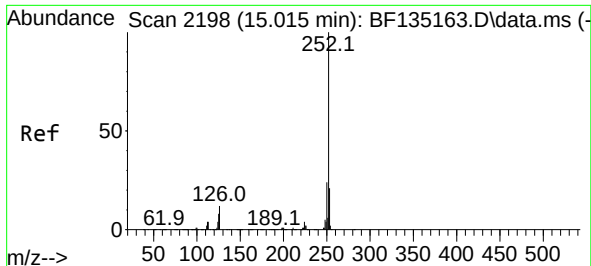
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 11.1 7.1 10.7#

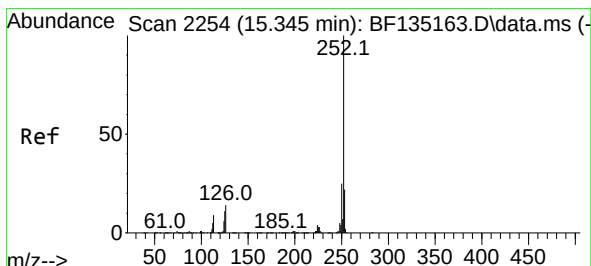
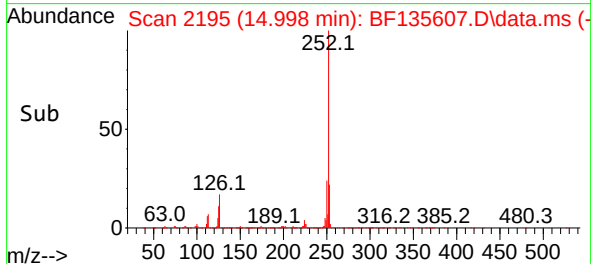
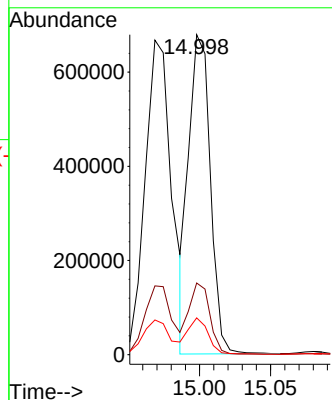
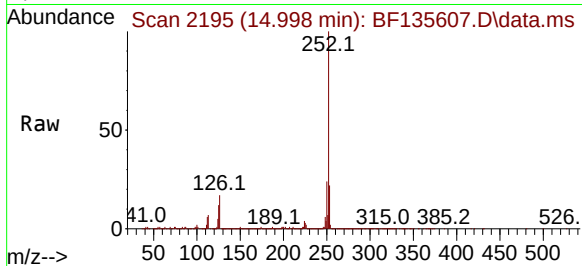




#89
Benzo(k)fluoranthene
Concen: 48.795 ng
RT: 14.998 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

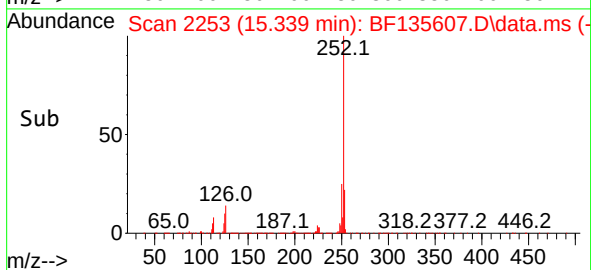
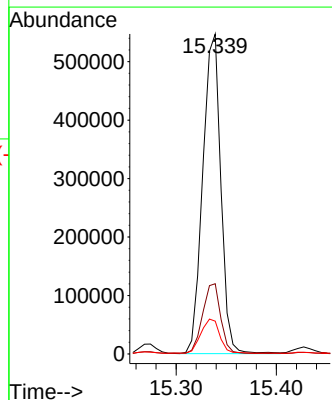
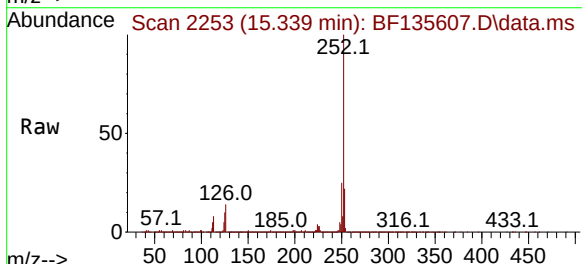
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

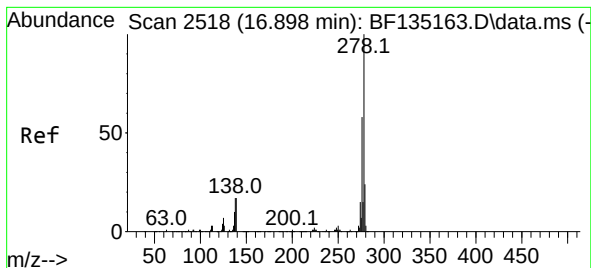
Tgt Ion:252 Resp: 716657
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 11.5 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 48.444 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.012 min
Lab File: BF135607.D
Acq: 05 Oct 2023 19:11

Tgt Ion:252 Resp: 686882
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.3 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 33.735 ng

RT: 16.892 min Scan# 2518

Delta R.T. 0.012 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

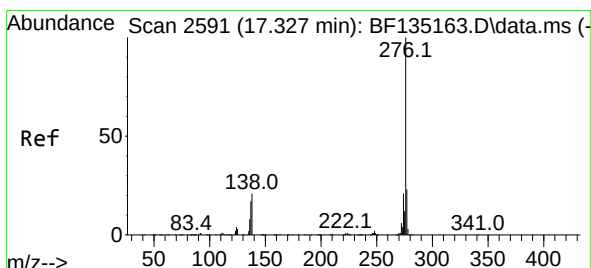
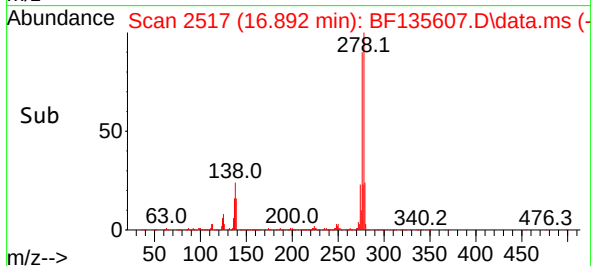
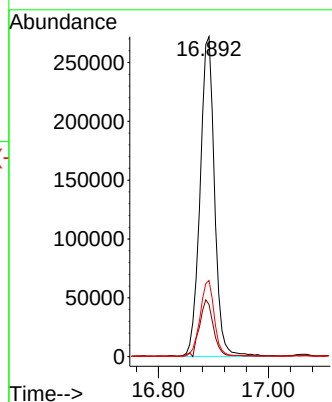
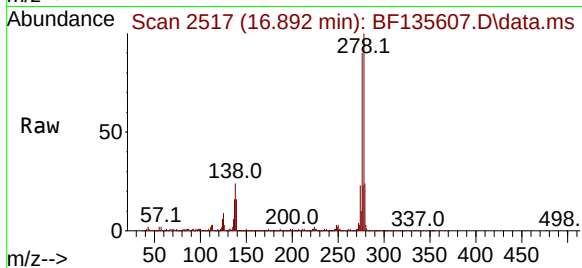
Tgt Ion:278 Resp: 497073

Ion Ratio Lower Upper

278 100

139 16.3 13.4 20.0

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 31.327 ng

RT: 17.327 min Scan# 2591

Delta R.T. 0.012 min

Lab File: BF135607.D

Acq: 05 Oct 2023 19:11

Tgt Ion:276 Resp: 482076

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 22.1 16.9 25.3

