

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135605.D
 Acq On : 05 Oct 2023 18:07
 Operator : CG\JU
 Sample : 04691-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092923MS

Quant Time: Oct 06 03:44:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	137865	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	487887	20.000	ng	# 0.00
39) Acenaphthene-d10	9.774	164	205584	20.000	ng	0.00
64) Phenanthrene-d10	11.268	188	316746	20.000	ng	0.00
76) Chrysene-d12	13.927	240	247525	20.000	ng	# 0.00
86) Perylene-d12	15.398	264	297541	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	812820	95.892	ng	0.01
7) Phenol-d6	6.398	99	917942	85.166	ng	0.01
23) Nitrobenzene-d5	7.310	82	576544	64.202	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	153880	75.320	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	913735	67.056	ng	0.00
79) Terphenyl-d14	12.863	244	721558	45.190	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	167549	45.090	ng	96
3) Pyridine	3.228	79	397127	39.709	ng	99
4) n-Nitrosodimethylamine	3.198	42	266568	50.229	ng	96
6) Aniline	6.410	93	392612	27.778	ng	# 1
8) 2-Chlorophenol	6.534	128	431848	47.725	ng	97
9) Benzaldehyde	6.298	77	90668	14.766	ng	99
10) Phenol	6.410	94	512059	43.326	ng	87
11) bis(2-Chloroethyl)ether	6.481	93	438984	49.516	ng	99
12) 1,3-Dichlorobenzene	6.681	146	427301	46.466	ng	98
13) 1,4-Dichlorobenzene	6.757	146	434071	46.395	ng	98
14) 1,2-Dichlorobenzene	6.910	146	399632	45.995	ng	97
15) Benzyl Alcohol	6.892	79	344089	44.488	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	758219	45.374	ng	74
17) 2-Methylphenol	7.010	107	327189	40.975	ng	# 91
18) Hexachloroethane	7.245	117	161892	46.830	ng	96
19) n-Nitroso-di-n-propyla...	7.163	70	276534	41.422	ng	97
20) 3+4-Methylphenols	7.169	107	409195	42.617	ng	# 65
22) Acetophenone	7.151	105	554008	49.667	ng	# 90
24) Nitrobenzene	7.328	77	437528	49.294	ng	99
25) Isophorone	7.563	82	797456	48.360	ng	98
26) 2-Nitrophenol	7.645	139	219969	51.636	ng	93
27) 2,4-Dimethylphenol	7.686	122	314522	43.924	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	498709	50.529	ng	100
29) 2,4-Dichlorophenol	7.892	162	327333	49.334	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	342433	49.376	ng	98
31) Naphthalene	8.039	128	1115290	47.049	ng	99
32) Benzoic acid	7.839	122	229762	42.612	ng	95
33) 4-Chloroaniline	8.104	127	285221	27.424	ng	98
34) Hexachlorobutadiene	8.151	225	198814	47.543	ng	100
35) Caprolactam	8.475	113	105038	47.169	ng	95
36) 4-Chloro-3-methylphenol	8.598	107	324675	44.028	ng	94
37) 2-Methylnaphthalene	8.733	142	674472	42.328	ng	100
38) 1-Methylnaphthalene	8.833	142	648184	43.449	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	321823	54.034	ng	100
41) Hexachlorocyclopentadiene	8.880	237	78715	34.610	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	201600	51.698	ng	99

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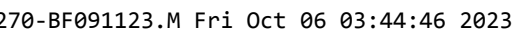
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	205554	45.772	ng	97
46) 1,1'-Biphenyl	9.198	154	833347	52.747	ng	98
47) 2-Chloronaphthalene	9.222	162	624760	54.502	ng	99
48) 2-Nitroaniline	9.333	65	228882	51.396	ng	99
49) Acenaphthylene	9.639	152	930867	48.863	ng	100
50) Dimethylphthalate	9.504	163	726079	52.238	ng	100
51) 2,6-Dinitrotoluene	9.574	165	152620	50.123	ng	92
52) Acenaphthene	9.810	154	548969	48.780	ng	97
53) 3-Nitroaniline	9.745	138	126143	35.292	ng	98
54) 2,4-Dinitrophenol	9.863	184	102558	60.945	ng	# 89
55) Dibenzofuran	9.986	168	781973	45.534	ng	99
56) 4-Nitrophenol	9.927	139	154866	68.174	ng	95
57) 2,4-Dinitrotoluene	9.986	165	160623	42.136	ng	89
58) Fluorene	10.327	166	601475	45.558	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	149075	43.153	ng	98
60) Diethylphthalate	10.204	149	686732	49.230	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	294307	46.406	ng	98
62) 4-Nitroaniline	10.363	138	128020	37.261	ng	99
63) Azobenzene	10.480	77	640454	46.912	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	74379	44.212	ng	91
66) n-Nitrosodiphenylamine	10.439	169	540603	56.375	ng	98
67) 4-Bromophenyl-phenylether	10.810	248	170296	54.058	ng	95
68) Hexachlorobenzene	10.874	284	169884	52.933	ng	# 89
69) Atrazine	10.974	200	153298	59.413	ng	99
70) Pentachlorophenol	11.080	266	123377	64.253	ng	98
71) Phenanthrene	11.292	178	787577	52.573	ng	99
72) Anthracene	11.345	178	785448	51.008	ng	99
73) Carbazole	11.510	167	713683	50.913	ng	99
74) Di-n-butylphthalate	11.833	149	906673	54.891	ng	99
75) Fluoranthene	12.486	202	893944	57.268	ng	98
77) Benzidine	12.615	184	336372	66.332	ng	99
78) Pyrene	12.721	202	940148	39.894	ng	99
80) Butylbenzylphthalate	13.339	149	387397	46.690	ng	95
81) Benzo(a)anthracene	13.921	228	877162	54.880	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	273709	54.824	ng	# 98
83) Chrysene	13.957	228	833205	52.432	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	546009	64.127	ng	100
85) Di-n-octyl phthalate	14.521	149	1030917	76.188	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	614874	31.518	ng	99
88) Benzo(b)fluoranthene	14.974	252	938866	58.289	ng	# 97
89) Benzo(k)fluoranthene	14.998	252	776105	48.778	ng	# 96
90) Benzo(a)pyrene	15.339	252	774308	50.410	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	493201	30.898	ng	98
92) Benzo(g,h,i)perylene	17.333	276	479193	28.745	ng	99

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

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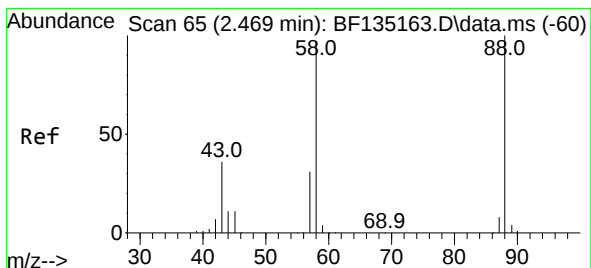
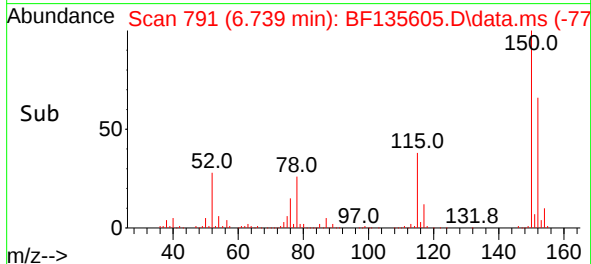
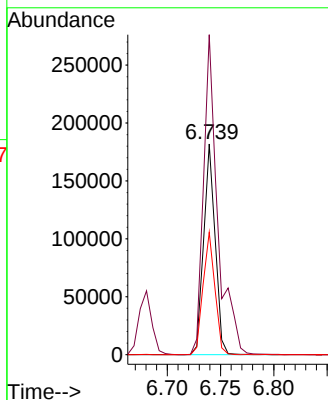
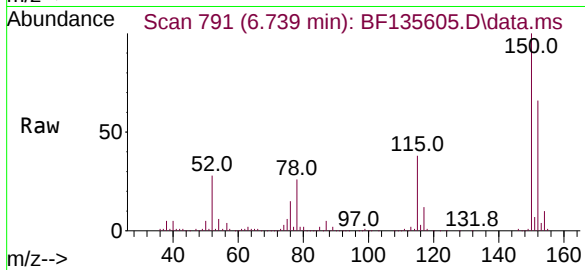




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135605.D
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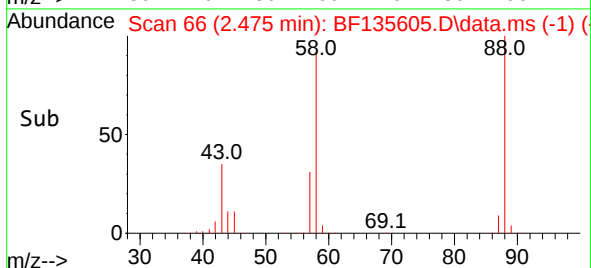
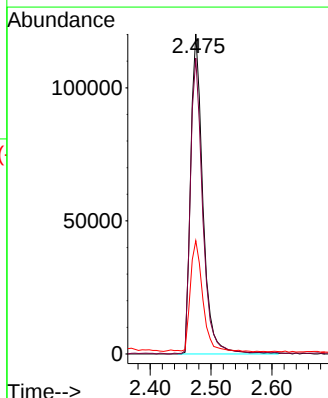
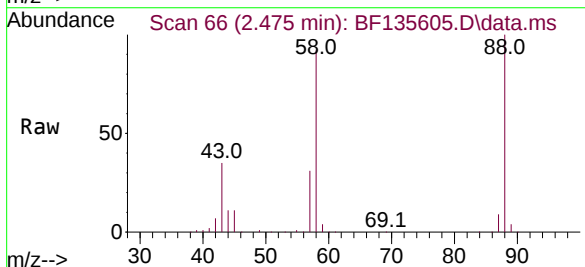
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 NB-08-092923MS

Tgt Ion:152 Resp: 137865
 Ion Ratio Lower Upper
 152 100
 150 151.8 127.8 191.6
 115 58.1 49.8 74.8



#2
 1,4-Dioxane
 Concen: 45.090 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.053 min
 Lab File: BF135605.D
 Acq: 05 Oct 2023 18:07

Tgt Ion: 88 Resp: 167549
 Ion Ratio Lower Upper
 88 100
 58 93.2 78.3 117.5
 43 35.1 29.4 44.0

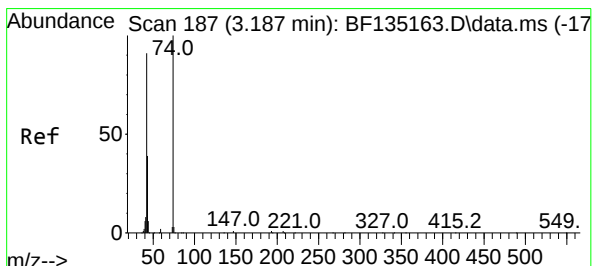
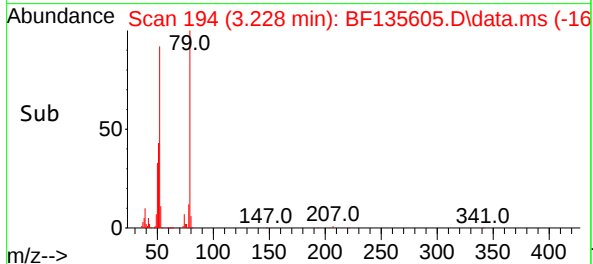
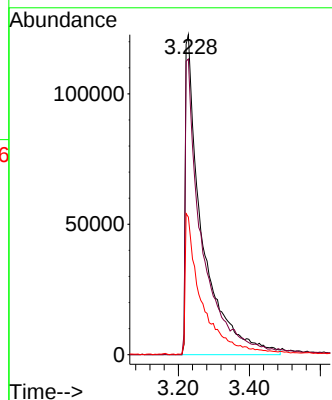
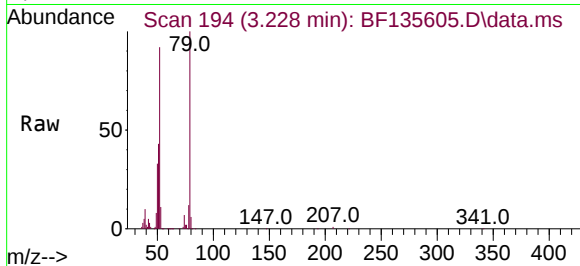




#3
Pyridine
Concen: 39.709 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.065 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

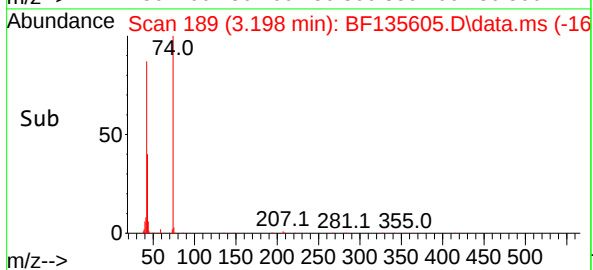
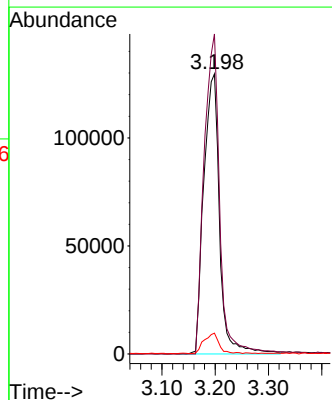
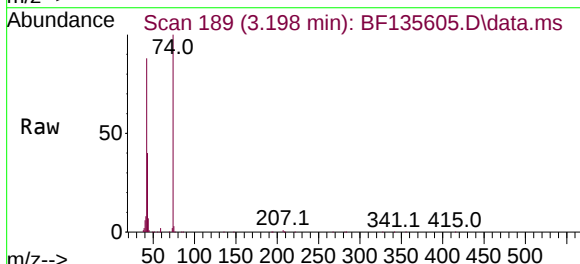
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ClientSampleId :
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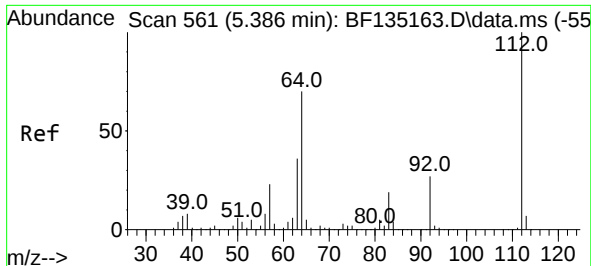
Tgt Ion: 79 Resp: 397127
Ion Ratio Lower Upper
79 100
52 92.4 74.1 111.1
51 43.0 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 50.229 ng
RT: 3.198 min Scan# 189
Delta R.T. 0.065 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion: 42 Resp: 266568
Ion Ratio Lower Upper
42 100
74 114.3 87.7 131.5
44 7.4 5.6 8.4

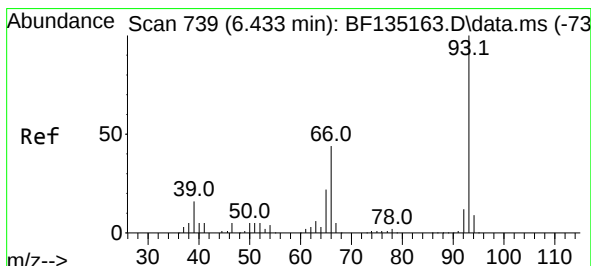
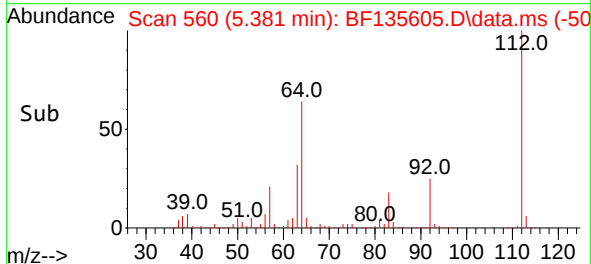
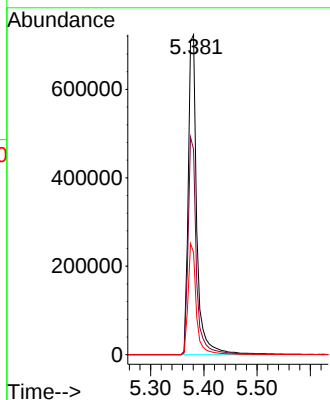
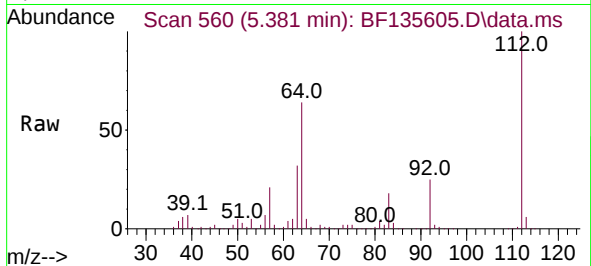




#5
2-Fluorophenol
Concen: 95.892 ng
RT: 5.381 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

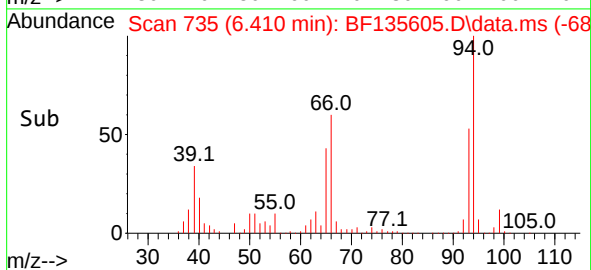
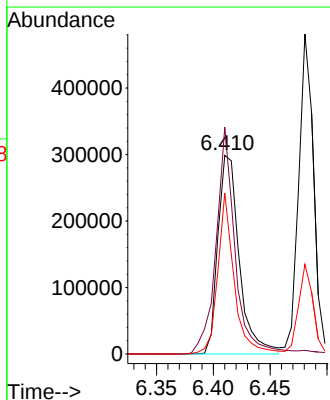
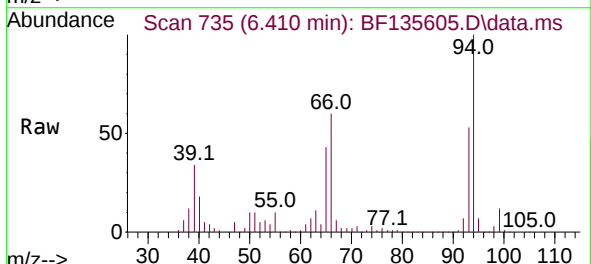
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ClientSampleId :
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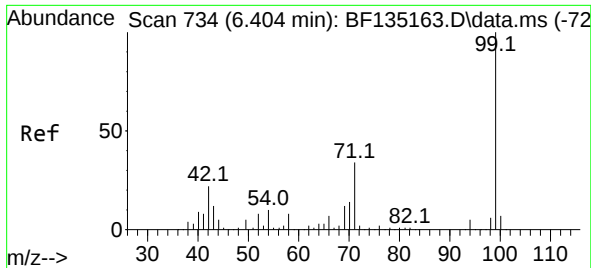
Tgt Ion:112 Resp: 812820
Ion Ratio Lower Upper
112 100
64 64.2 55.9 83.9
63 31.9 29.0 43.6



#6
Aniline
Concen: 27.778 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion: 93 Resp: 392612
Ion Ratio Lower Upper
93 100
66 114.2 35.4 53.0#
65 81.0 17.8 26.8#





#7

Phenol-d6

Concen: 85.166 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

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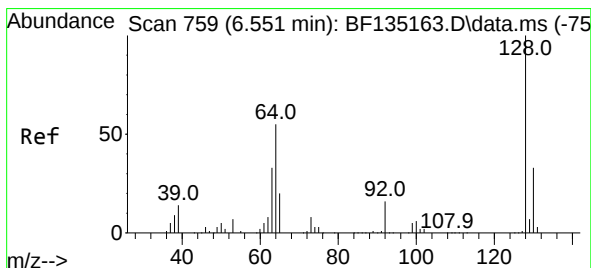
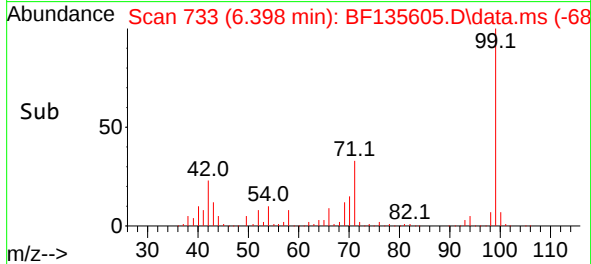
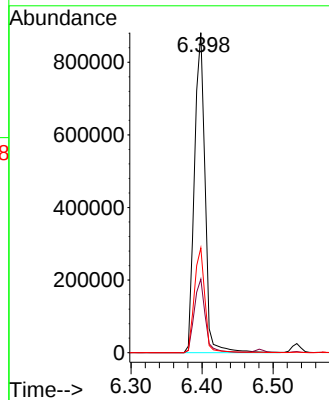
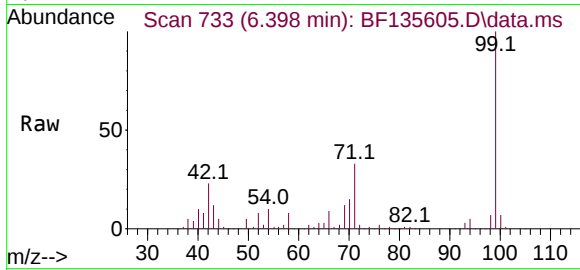
Tgt Ion: 99 Resp: 917942

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 32.8 27.0 40.6



#8

2-Chlorophenol

Concen: 47.725 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

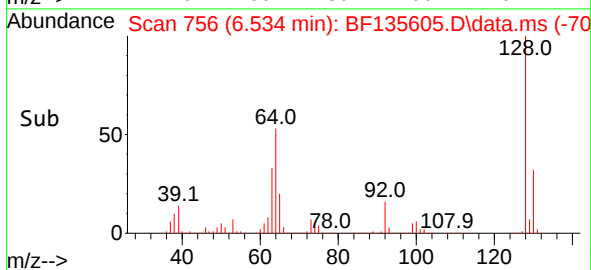
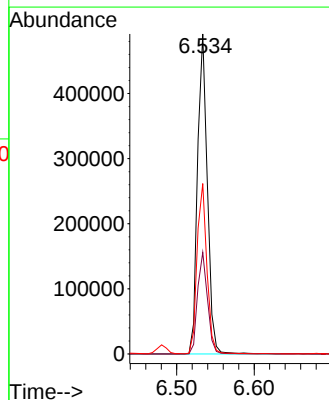
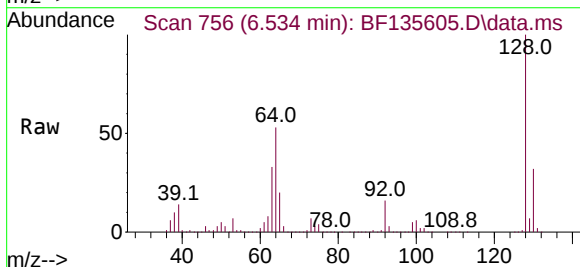
Tgt Ion:128 Resp: 431848

Ion Ratio Lower Upper

128 100

130 31.7 12.7 52.7

64 53.3 35.9 75.9

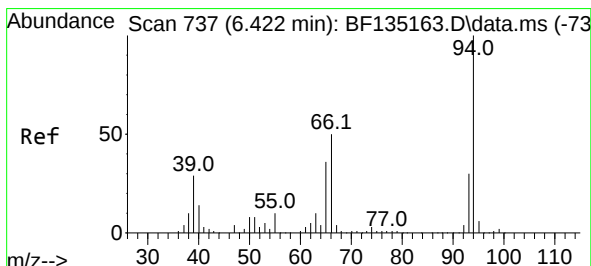
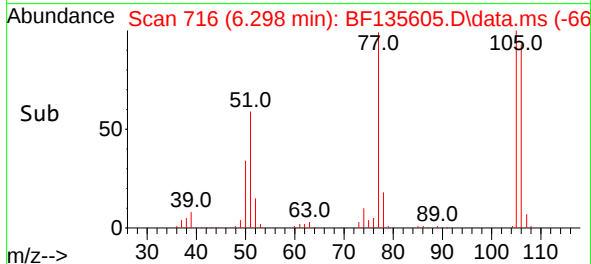
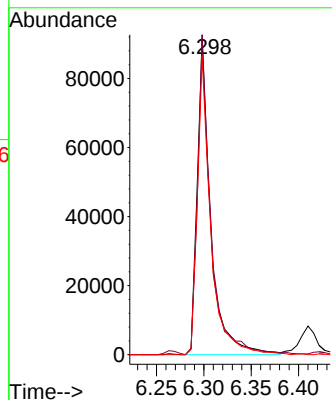
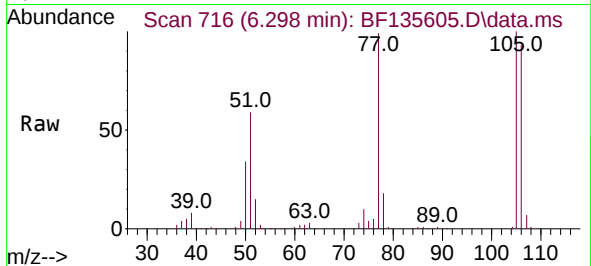




#9
Benzaldehyde
Concen: 14.766 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

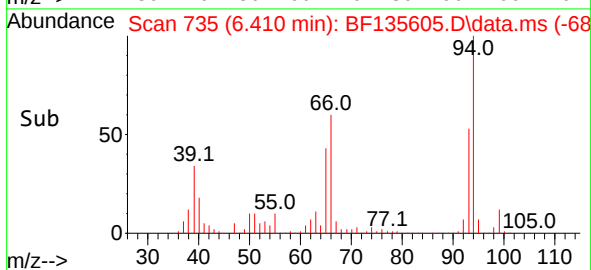
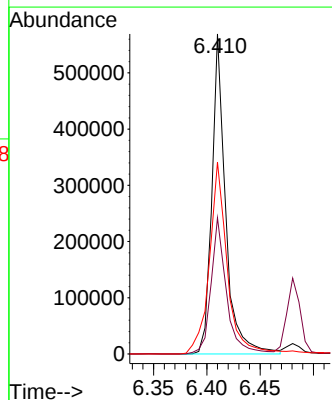
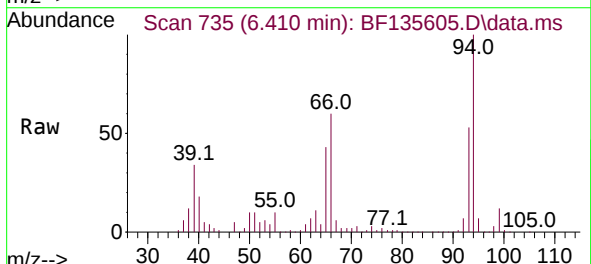
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Tgt Ion: 77 Resp: 90668
Ion Ratio Lower Upper
77 100
105 101.2 81.4 121.4
106 94.3 76.9 116.9



#10
Phenol
Concen: 43.326 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion: 94 Resp: 512059
Ion Ratio Lower Upper
94 100
65 42.6 15.9 55.9
66 60.0 29.8 69.8

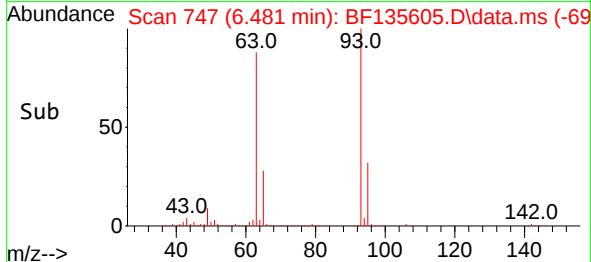
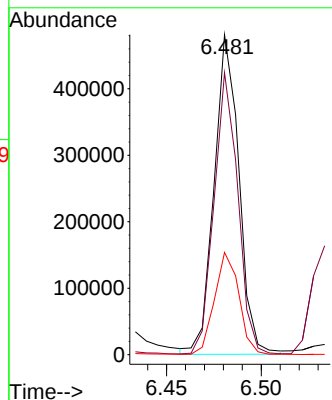
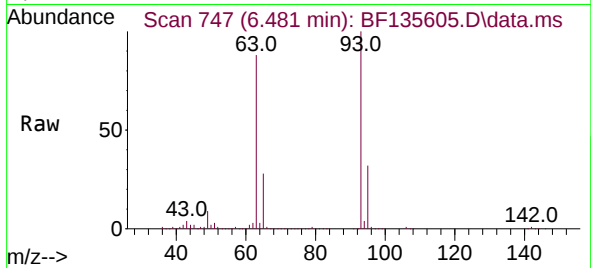




#11
bis(2-Chloroethyl)ether
Concen: 49.516 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

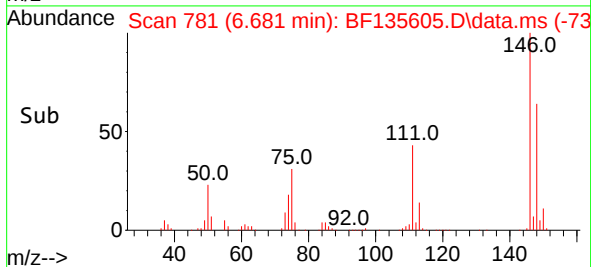
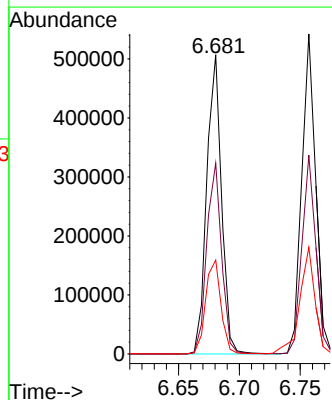
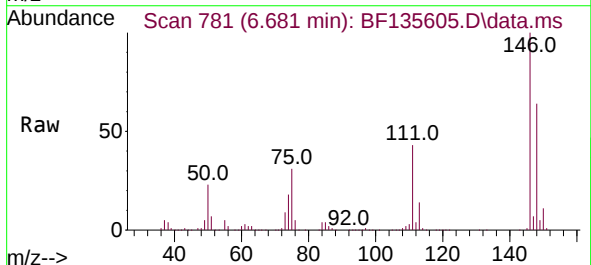
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

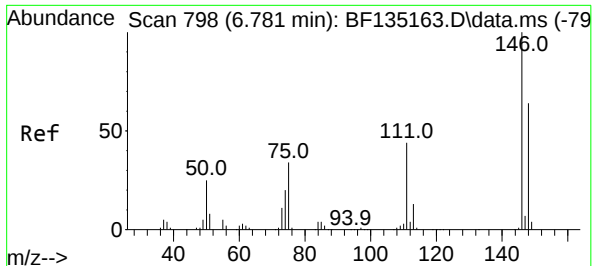
Tgt Ion: 93 Resp: 438984
Ion Ratio Lower Upper
93 100
63 88.2 67.3 107.3
95 31.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 46.466 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:146 Resp: 427301
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 31.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.395 ng

RT: 6.757 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

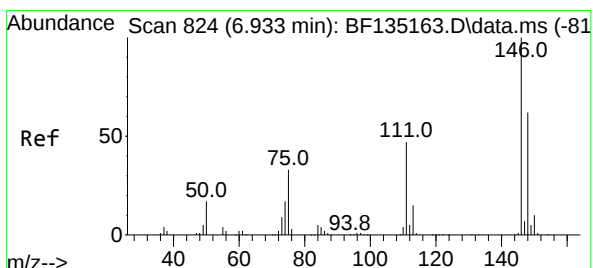
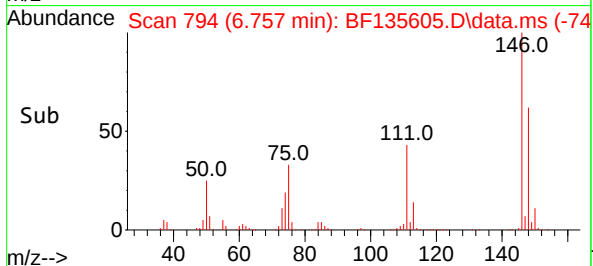
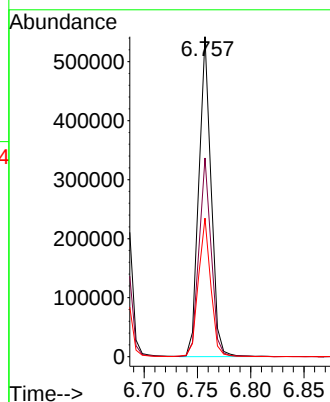
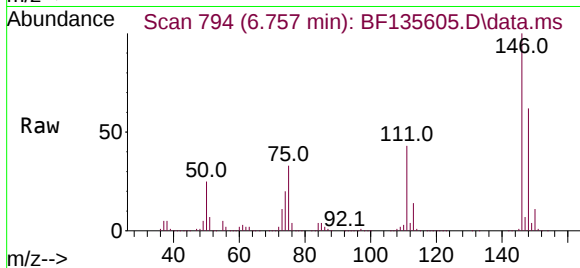
Tgt Ion:146 Resp: 434071

Ion Ratio Lower Upper

146 100

148 62.1 51.3 76.9

111 43.3 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 45.995 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

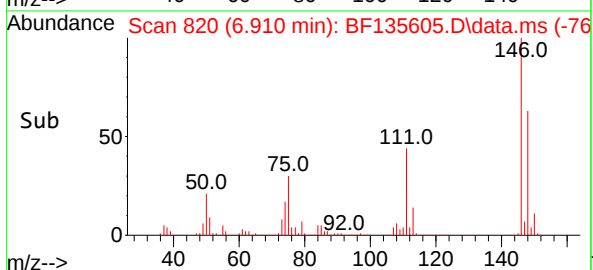
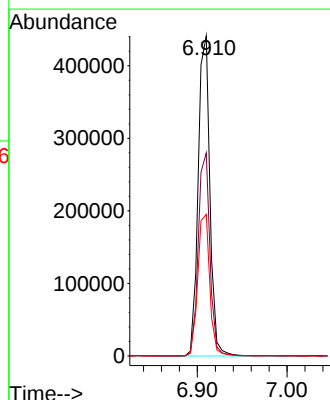
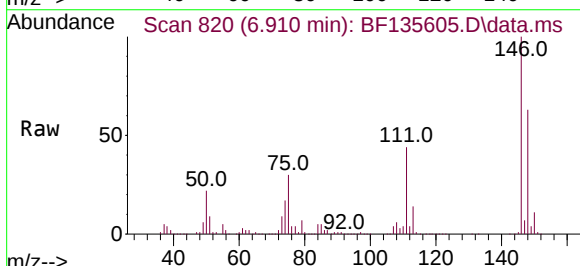
Tgt Ion:146 Resp: 399632

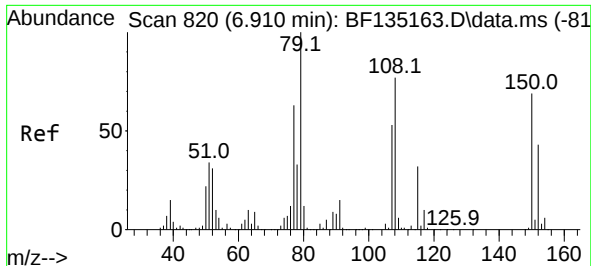
Ion Ratio Lower Upper

146 100

148 63.5 49.7 74.5

111 44.3 37.4 56.2

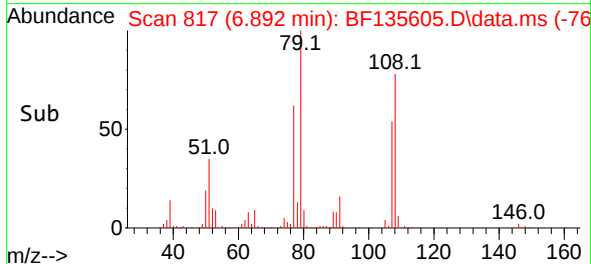
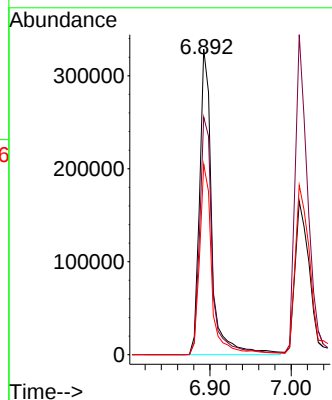
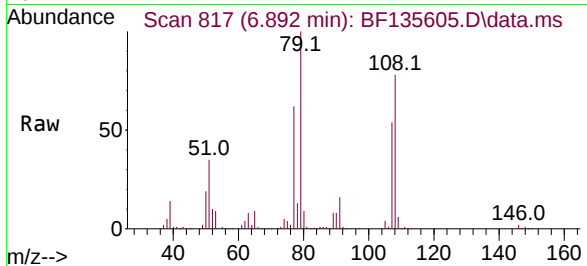




#15
Benzyl Alcohol
Concen: 44.488 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

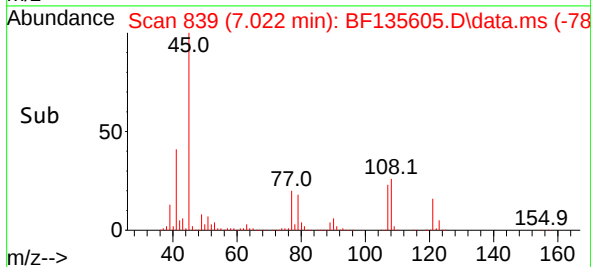
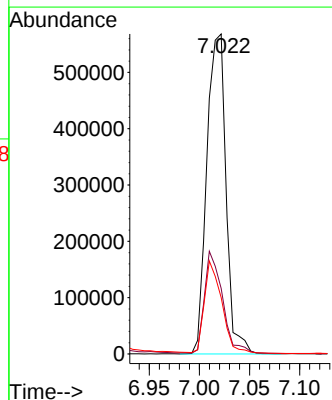
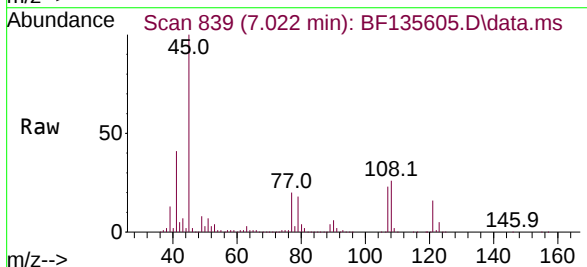
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

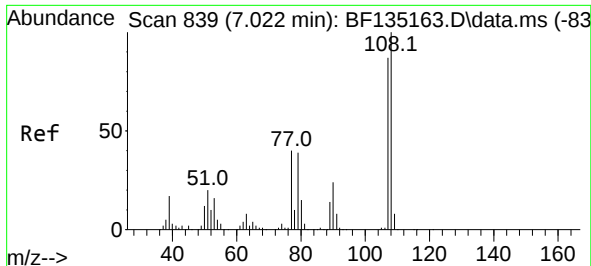
Tgt Ion: 79 Resp: 344089
Ion Ratio Lower Upper
79 100
108 77.7 61.2 91.8
77 62.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.374 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion: 45 Resp: 758219
Ion Ratio Lower Upper
45 100
77 20.5 0.0 30.6
79 17.7 0.0 28.3

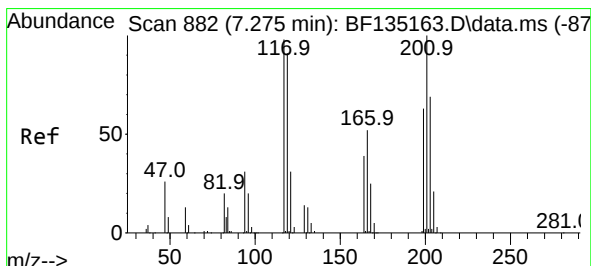
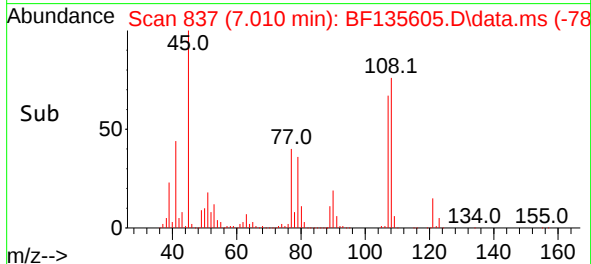
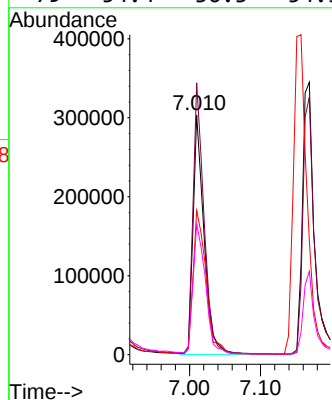
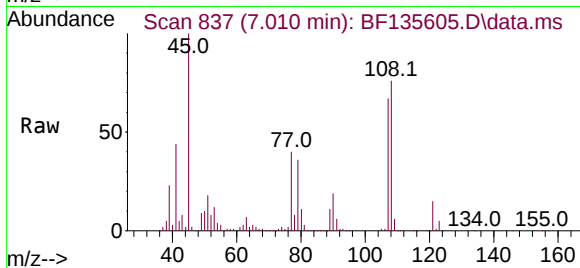




#17
2-Methylphenol
Concen: 40.975 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

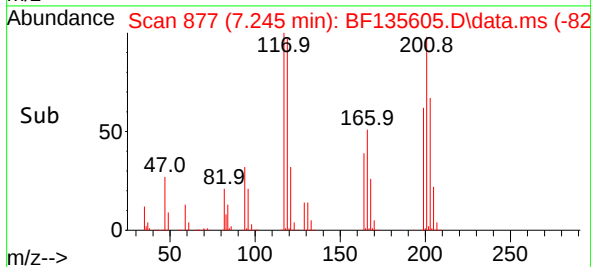
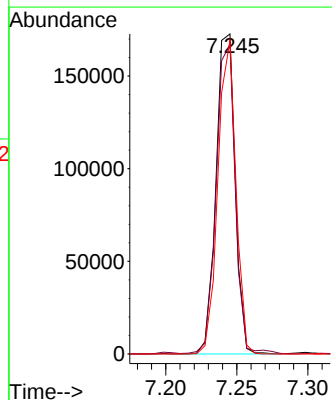
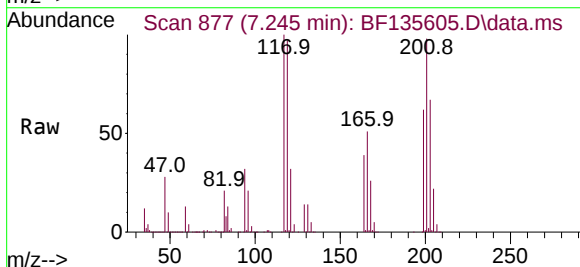
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

Tgt Ion:107 Resp: 327189
Ion Ratio Lower Upper
107 100
108 113.4 92.0 138.0
77 60.1 36.7 55.1#
79 54.4 36.3 54.5



#18
Hexachloroethane
Concen: 46.830 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:117 Resp: 161892
Ion Ratio Lower Upper
117 100
119 96.8 74.7 112.1
201 98.0 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.422 ng

RT: 7.163 min Scan# 8

Delta R.T. 0.006 min

Lab File: BF135605.D

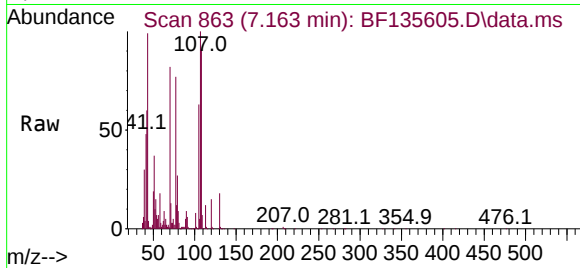
Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS



Tgt Ion: 70 Resp: 276534

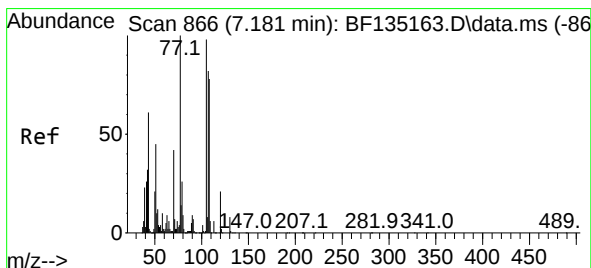
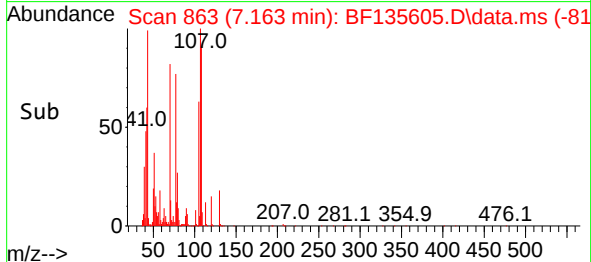
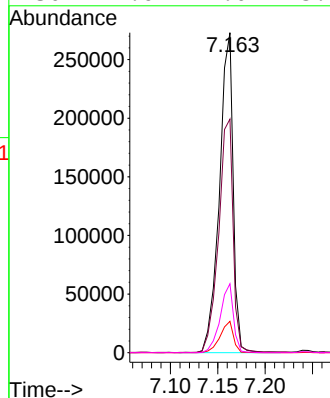
Ion Ratio Lower Upper

70 100

42 73.0 55.4 83.0

101 9.8 7.7 11.5

130 21.6 17.0 25.6



#20

3+4-Methylphenols

Concen: 42.617 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Tgt Ion: 107 Resp: 409195

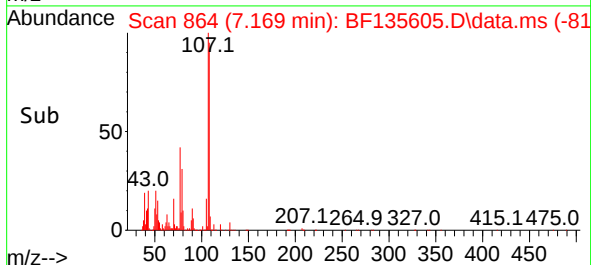
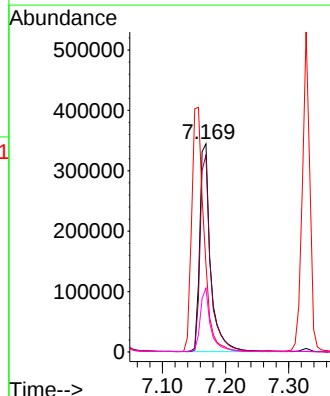
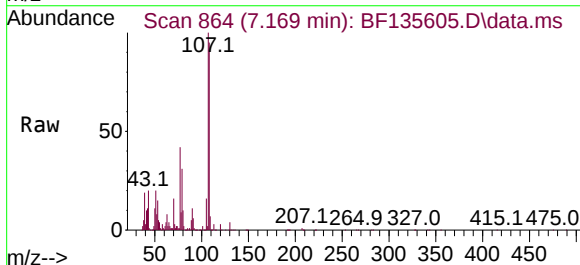
Ion Ratio Lower Upper

107 100

108 94.5 74.7 114.7

77 42.0 102.0 142.0#

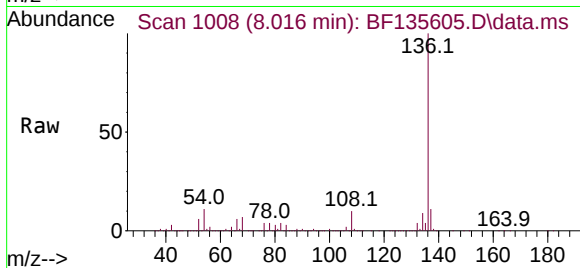
79 30.6 11.7 51.7



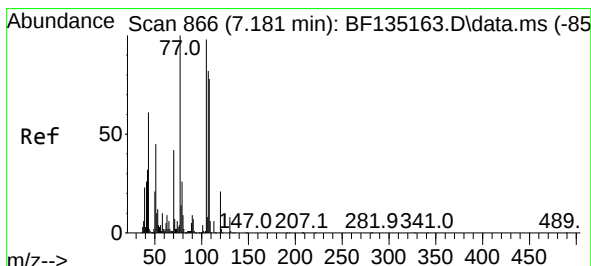
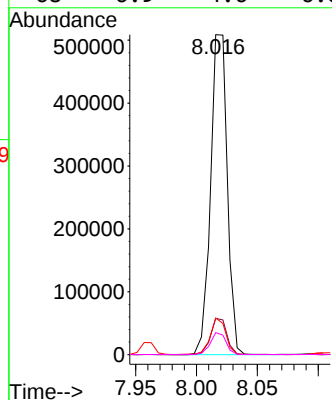
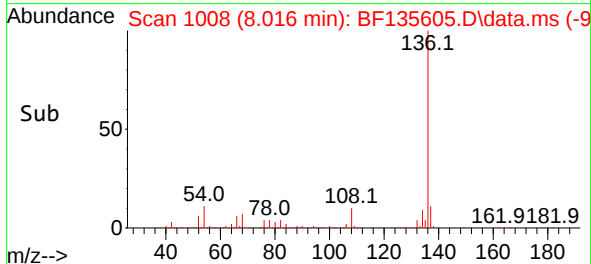


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

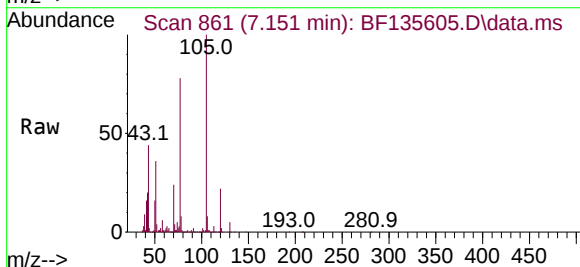
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS



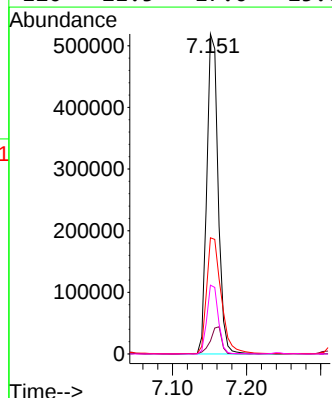
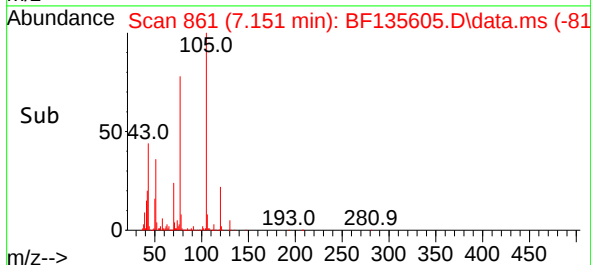
Tgt Ion:136 Resp: 487887
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.5 7.7 11.5
68 6.9 4.6 6.8#



#22
Acetophenone
Concen: 49.667 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07



Tgt Ion:105 Resp: 554008
Ion Ratio Lower Upper
105 100
71 4.0 5.8 8.6#
51 36.3 37.0 55.4#
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 64.202 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

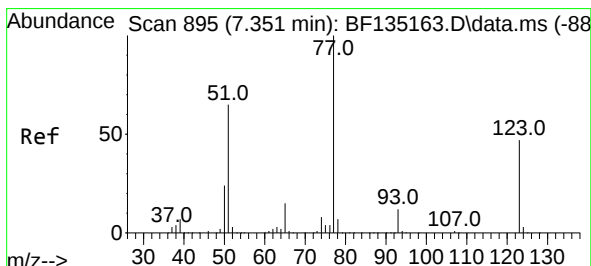
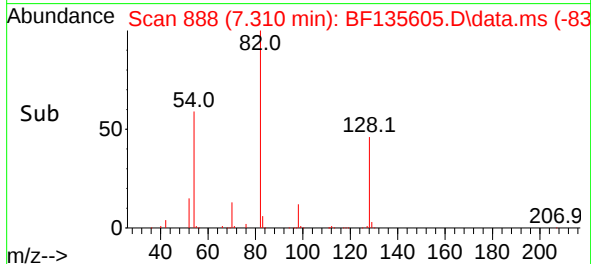
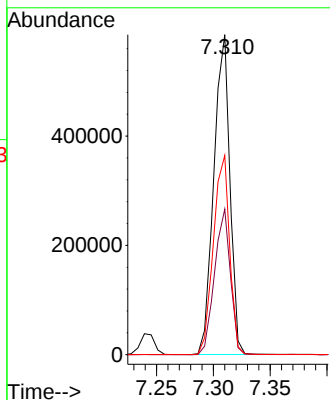
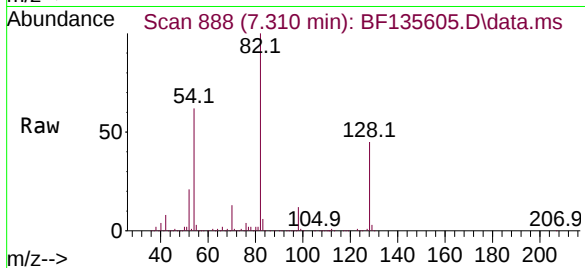
Tgt Ion: 82 Resp: 576544

Ion Ratio Lower Upper

82 100

128 45.5 35.8 53.6

54 62.3 50.6 76.0



#24

Nitrobenzene

Concen: 49.294 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

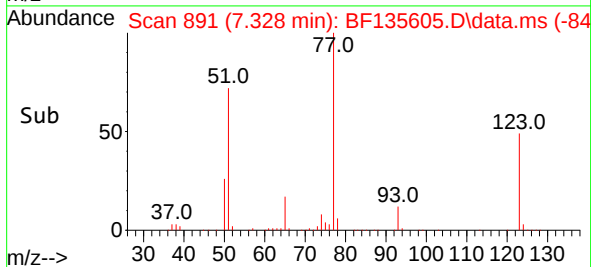
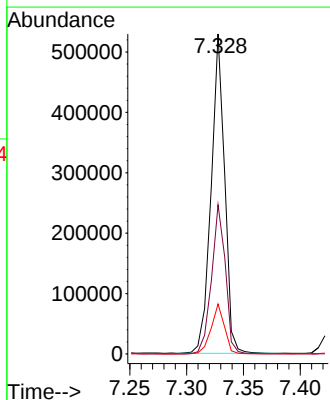
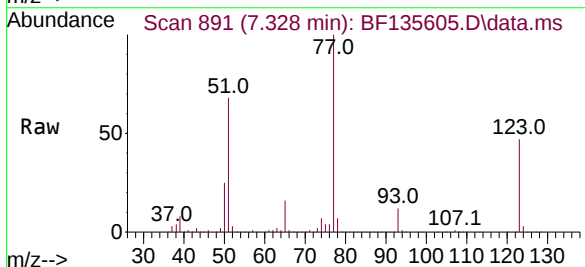
Tgt Ion: 77 Resp: 437528

Ion Ratio Lower Upper

77 100

123 46.7 37.6 56.4

65 15.6 12.2 18.4

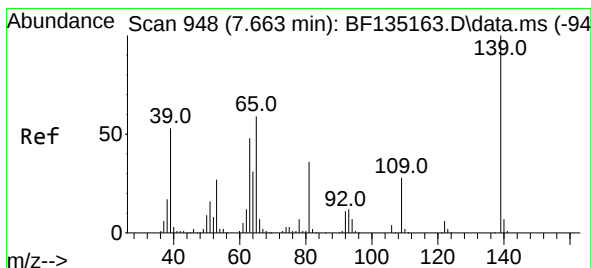
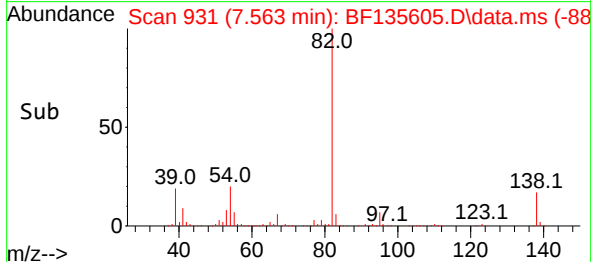
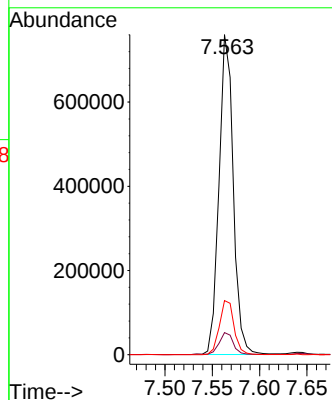
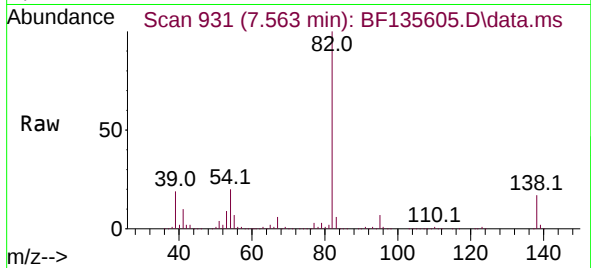




#25
Isophorone
Concen: 48.360 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

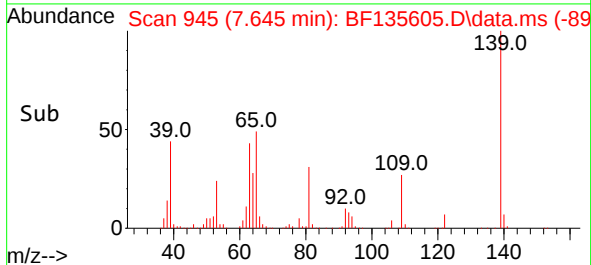
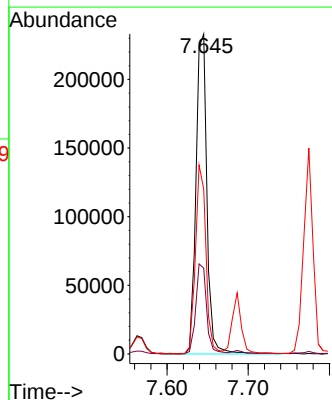
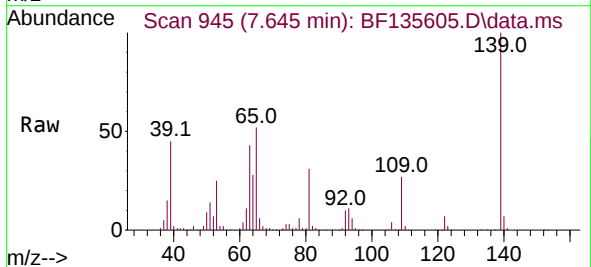
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

Tgt Ion: 82 Resp: 797456
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 16.9 14.5 21.7



#26
2-Nitrophenol
Concen: 51.636 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:139 Resp: 219969
Ion Ratio Lower Upper
139 100
109 26.8 22.6 33.8
65 51.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 43.924 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135605.D

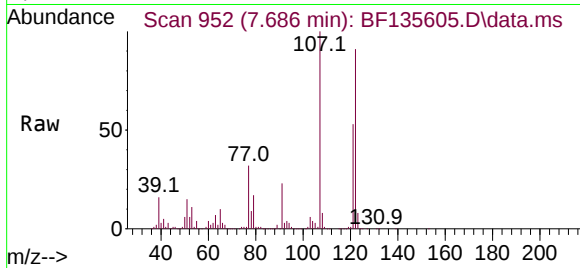
Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS



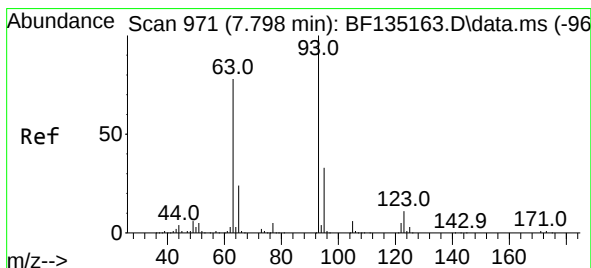
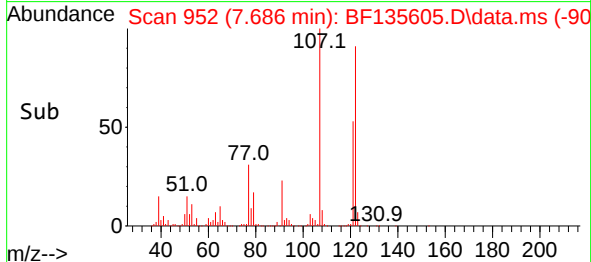
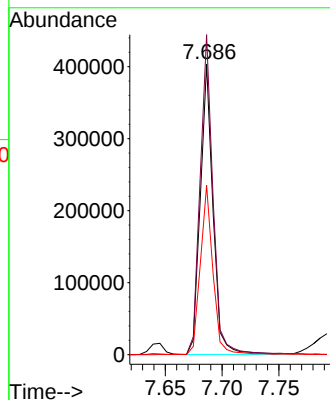
Tgt Ion:122 Resp: 314522

Ion Ratio Lower Upper

122 100

107 110.1 90.2 135.4

121 58.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 50.529 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

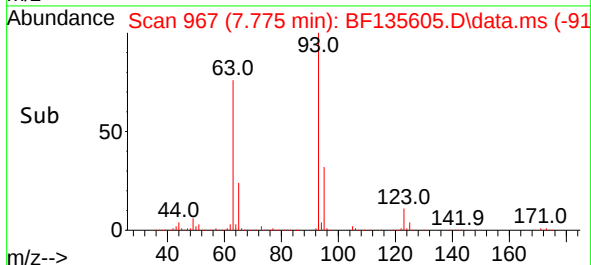
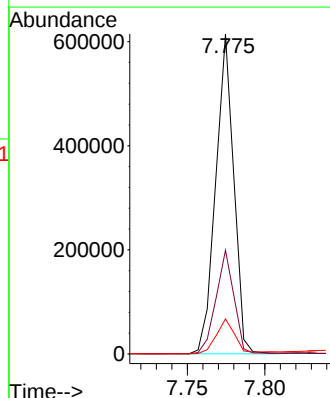
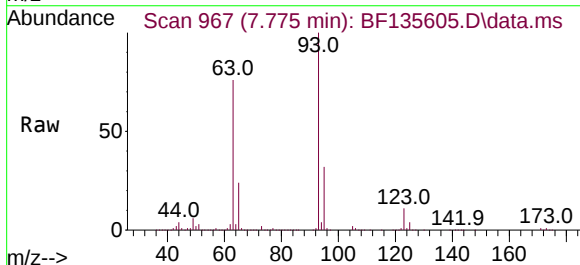
Tgt Ion: 93 Resp: 498709

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 11.0 8.8 13.2

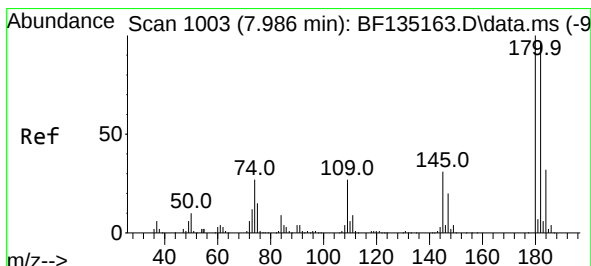
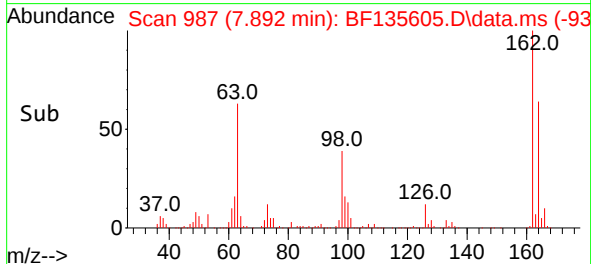
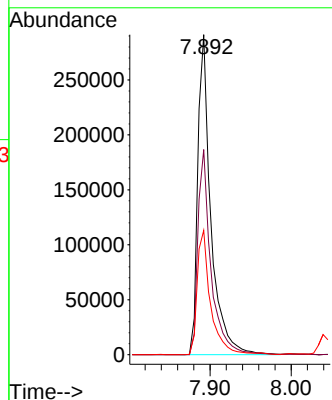
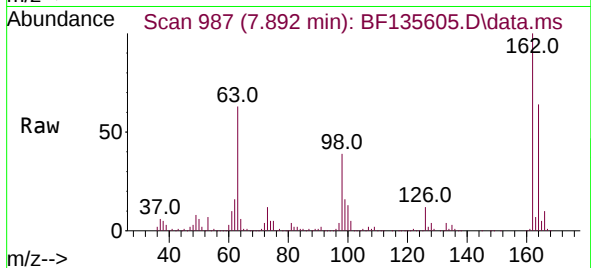




#29
2,4-Dichlorophenol
Concen: 49.334 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

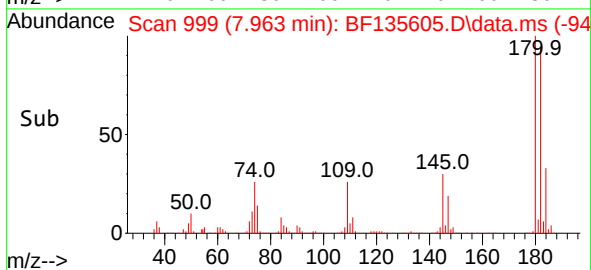
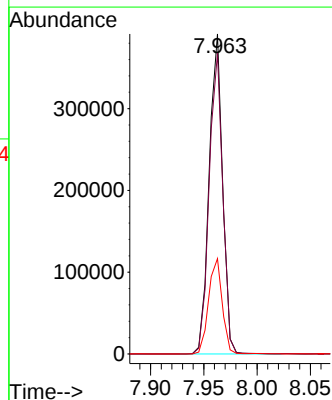
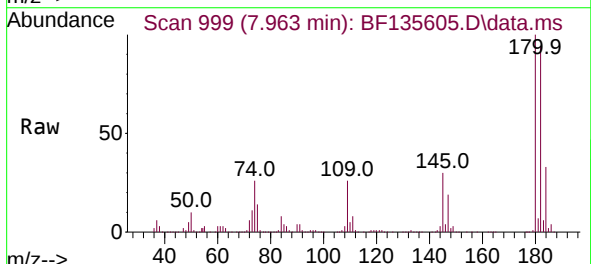
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

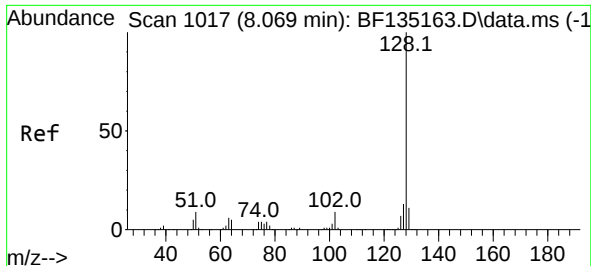
Tgt Ion:162 Resp: 327333
Ion Ratio Lower Upper
162 100
164 64.1 44.1 84.1
98 38.9 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 49.376 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:180 Resp: 342433
Ion Ratio Lower Upper
180 100
182 94.0 76.9 115.3
145 29.8 24.5 36.7

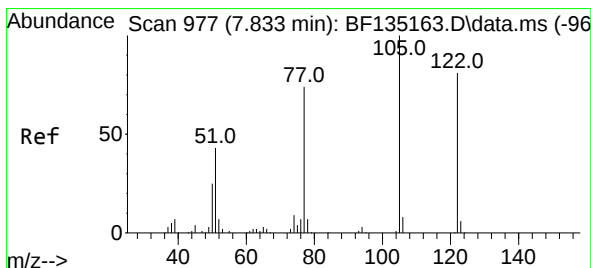
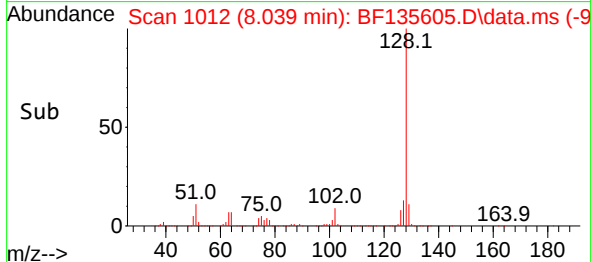
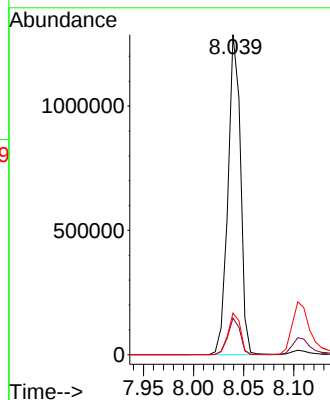
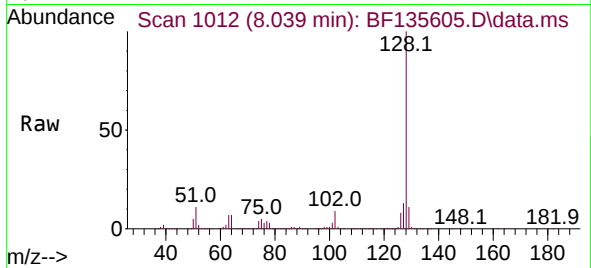




#31
Naphthalene
Concen: 47.049 ng
RT: 8.039 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

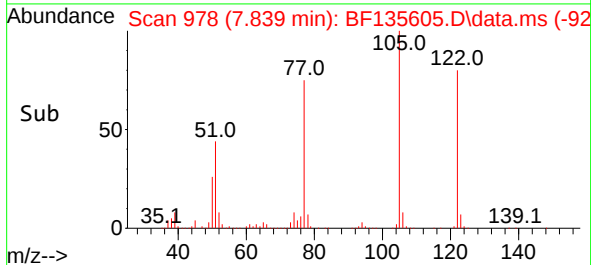
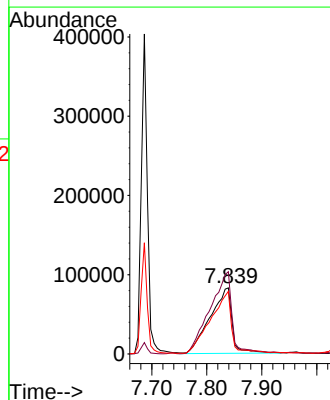
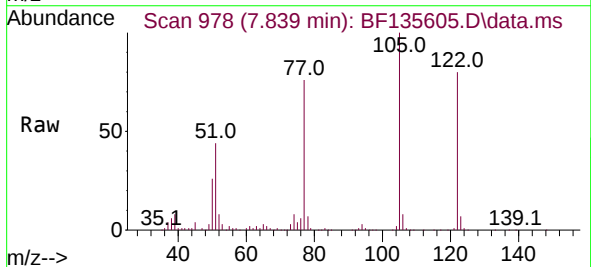
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

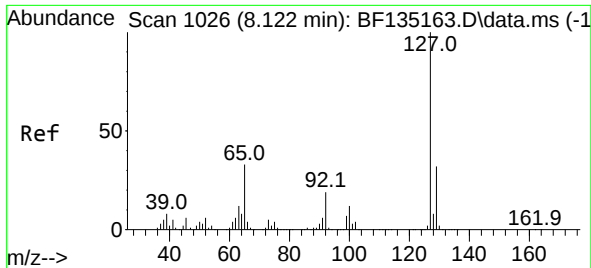
Tgt Ion:128 Resp: 1115290
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 42.612 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.018 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:122 Resp: 229762
Ion Ratio Lower Upper
122 100
105 124.5 99.9 139.9
77 94.7 70.0 110.0

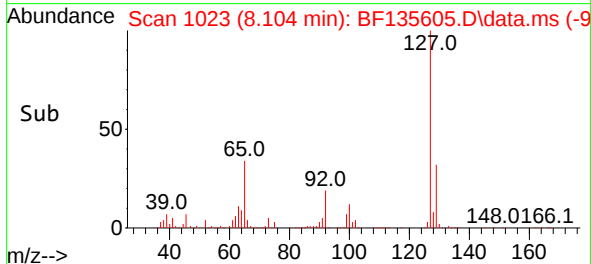
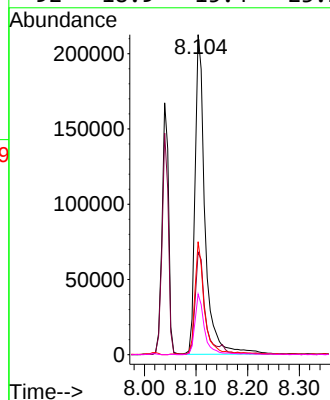
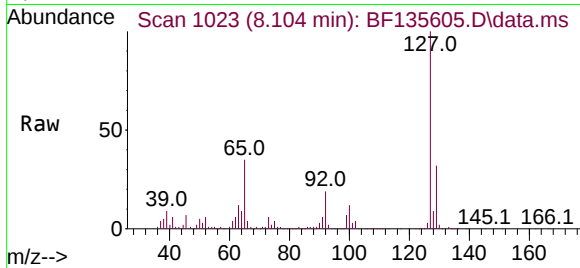




#33
4-Chloroaniline
Concen: 27.424 ng
RT: 8.104 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

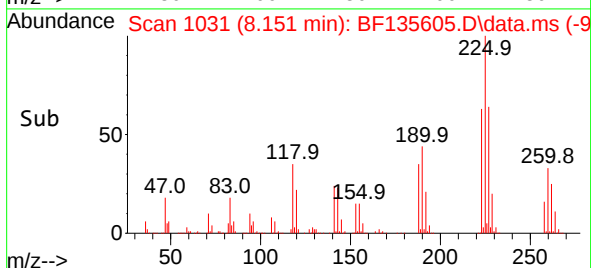
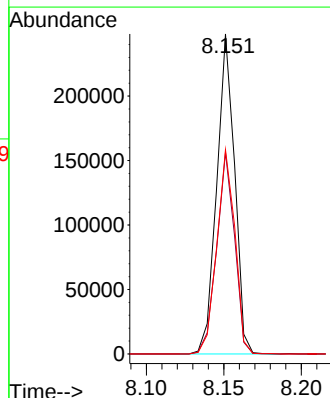
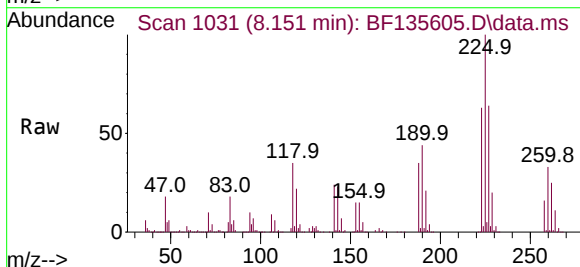
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BNA_F
ClientSampleId :
NB-08-092923MS

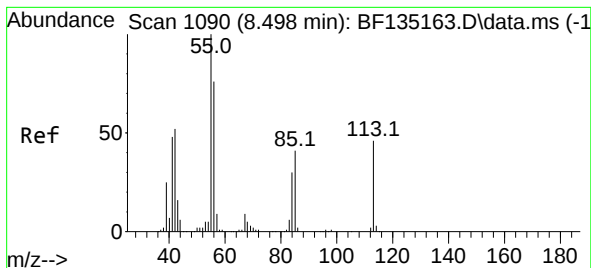
Tgt Ion:	127	Resp:	285221
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	35.3	26.6	39.8
92	18.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 47.543 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:	225	Resp:	198814
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	63.9	50.8	76.2





#35

Caprolactam

Concen: 47.169 ng

RT: 8.475 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

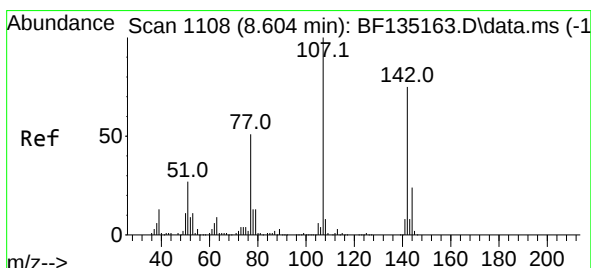
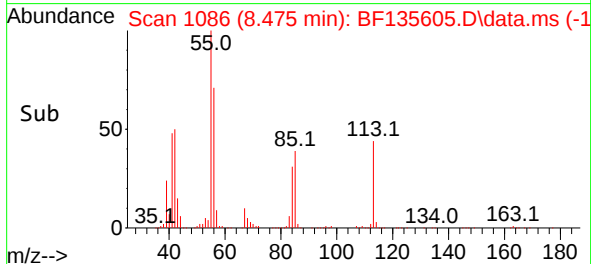
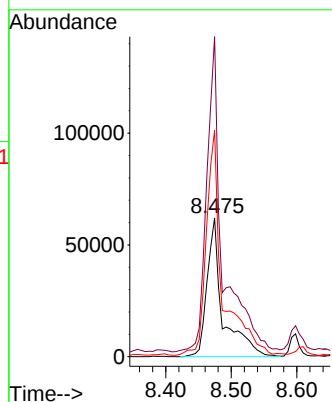
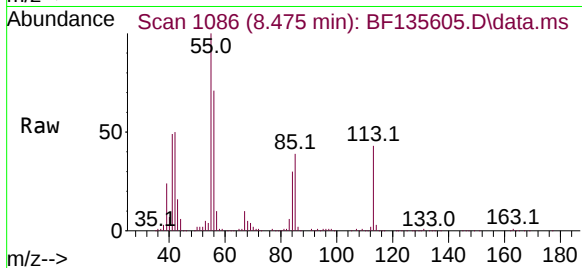
Tgt Ion:113 Resp: 105038

Ion Ratio Lower Upper

113 100

55 230.6 199.3 239.3

56 163.3 146.3 186.3



#36

4-Chloro-3-methylphenol

Concen: 44.028 ng

RT: 8.598 min Scan# 1107

Delta R.T. 0.012 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

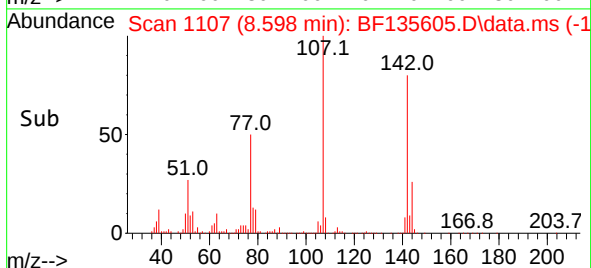
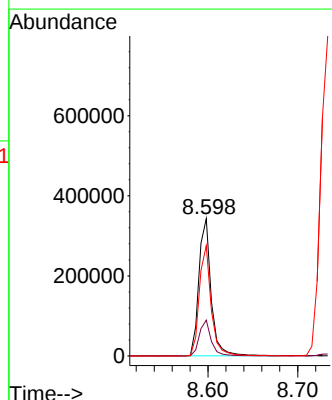
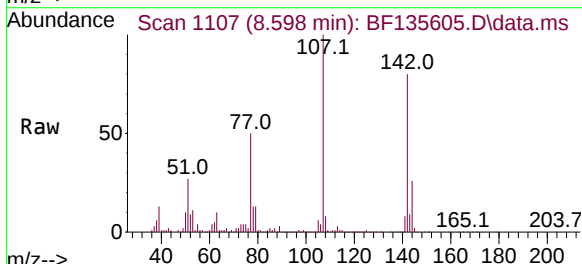
Tgt Ion:107 Resp: 324675

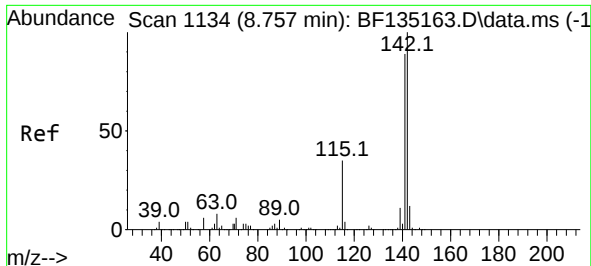
Ion Ratio Lower Upper

107 100

144 26.1 19.0 28.4

142 80.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 42.328 ng

RT: 8.733 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

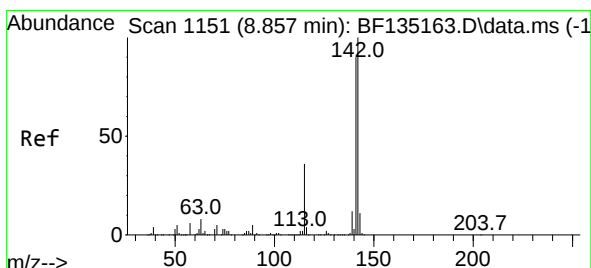
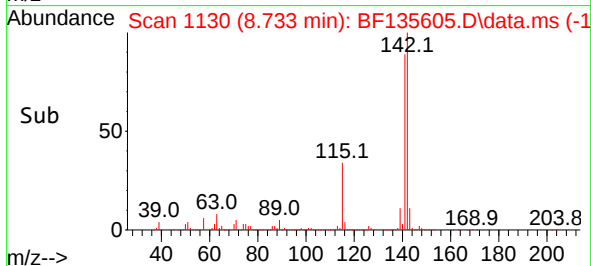
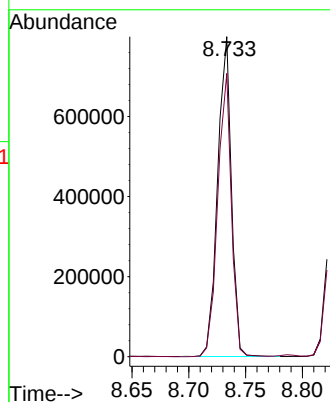
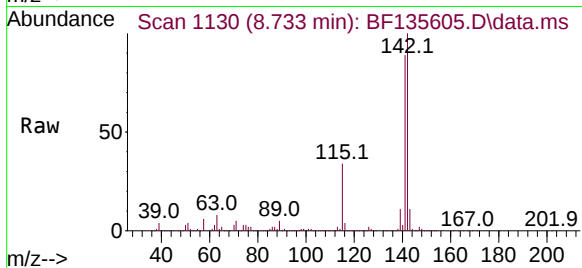
NB-08-092923MS

Tgt Ion:142 Resp: 674472

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 43.449 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135605.D

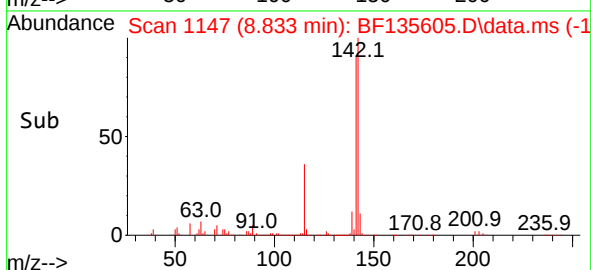
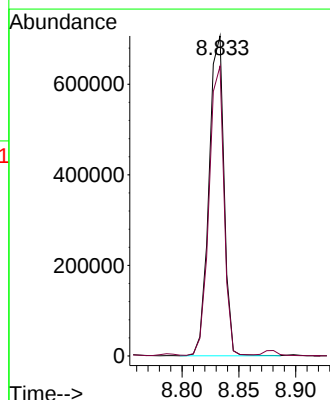
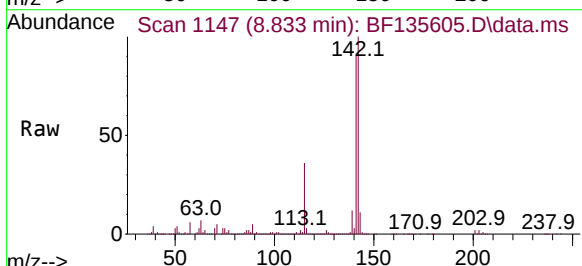
Acq: 05 Oct 2023 18:07

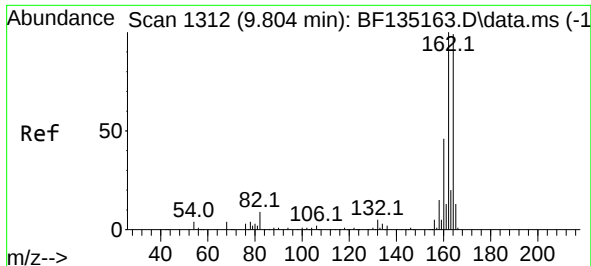
Tgt Ion:142 Resp: 648184

Ion Ratio Lower Upper

142 100

141 90.6 72.4 108.6

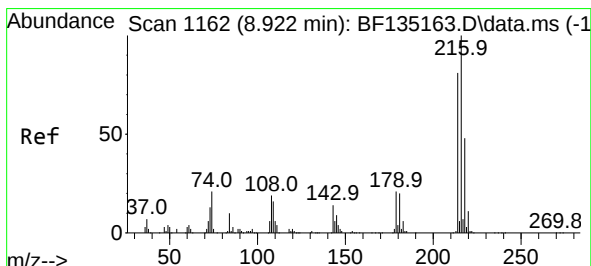
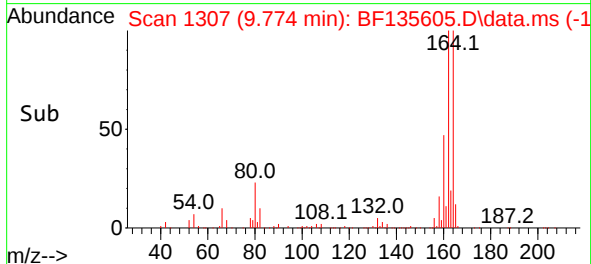
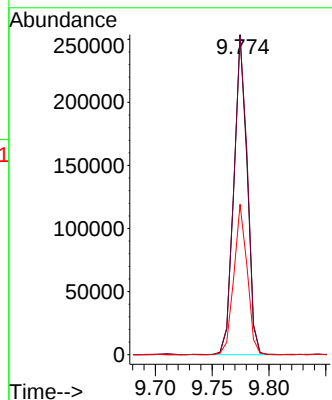
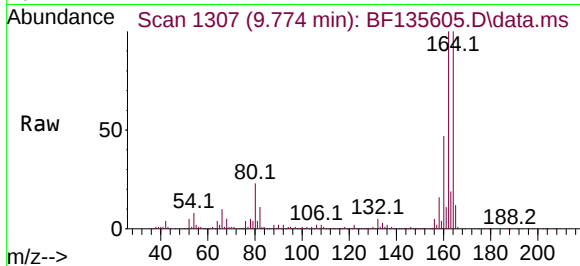




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

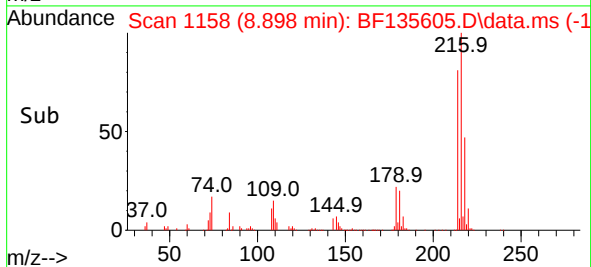
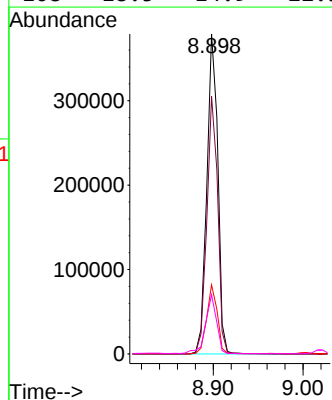
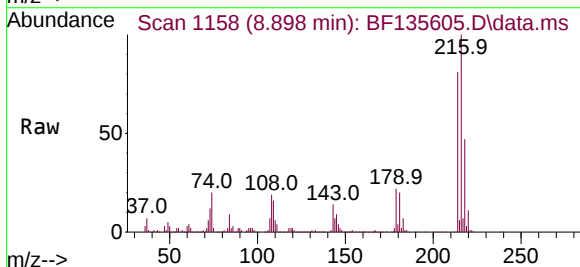
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

Tgt Ion:164 Resp: 205584
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 47.0 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.034 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:216 Resp: 321823
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 21.0 16.7 25.1
108 18.5 14.9 22.3

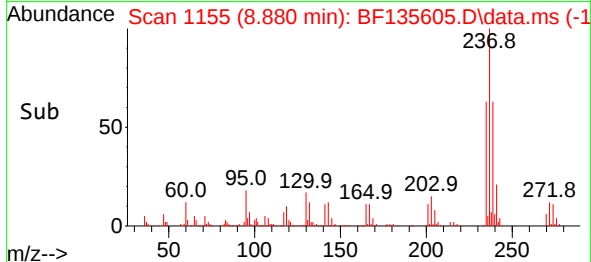
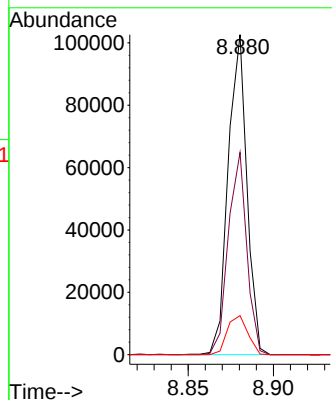
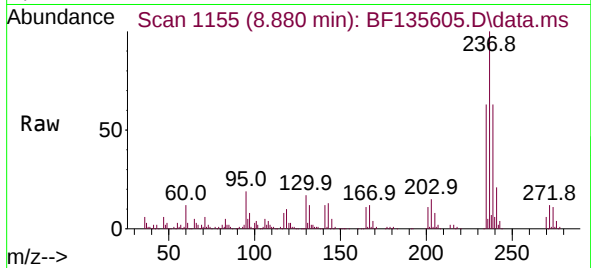




#41
Hexachlorocyclopentadiene
Concen: 34.610 ng
RT: 8.880 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

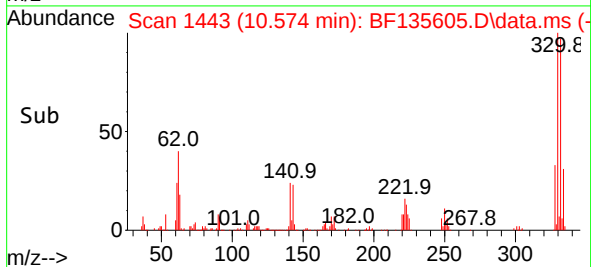
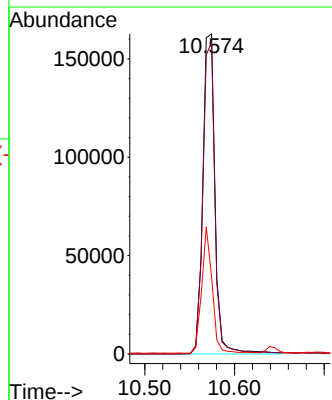
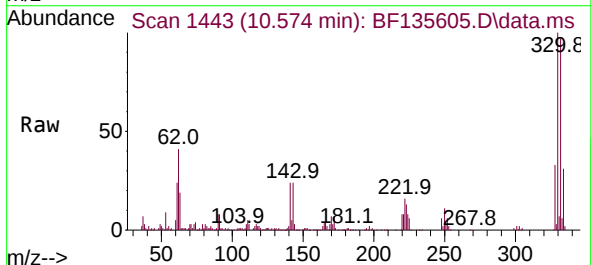
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

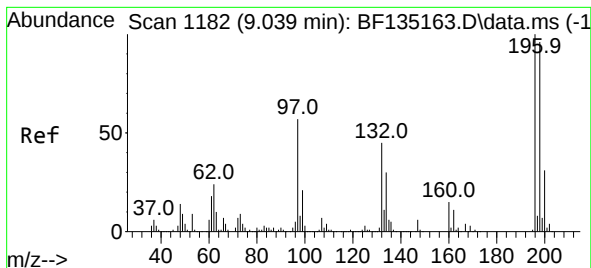
Tgt Ion:237	Resp:	78715
Ion	Ratio	Lower Upper
237	100	
235	63.2	41.8 81.8
272	12.2	0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 75.320 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:330	Resp:	153880
Ion	Ratio	Lower Upper
330	100	
332	96.3	77.3 115.9
141	33.7	25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 51.698 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

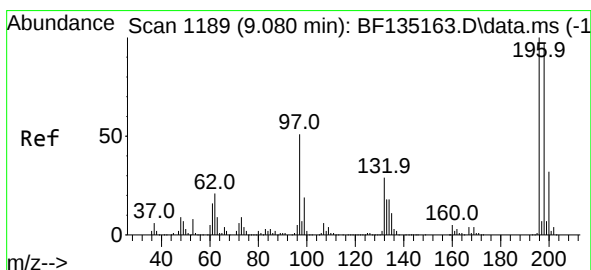
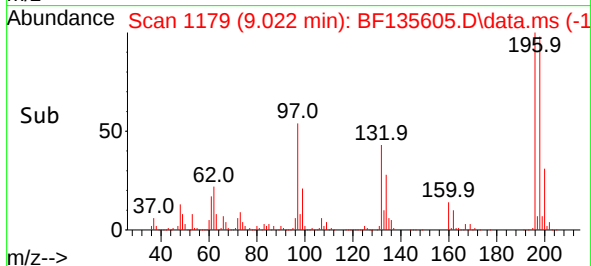
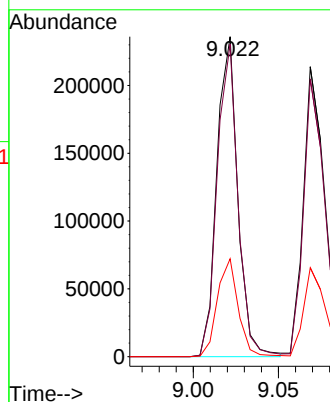
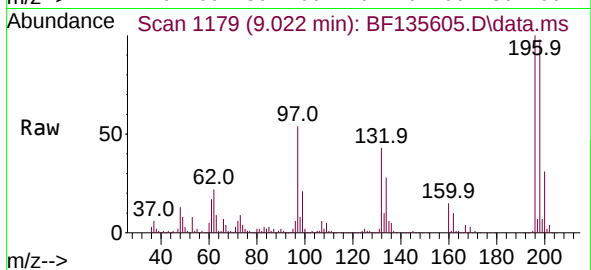
Tgt Ion:196 Resp: 201600

Ion Ratio Lower Upper

196 100

198 97.7 77.0 115.6

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 45.772 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Tgt Ion:196 Resp: 205554

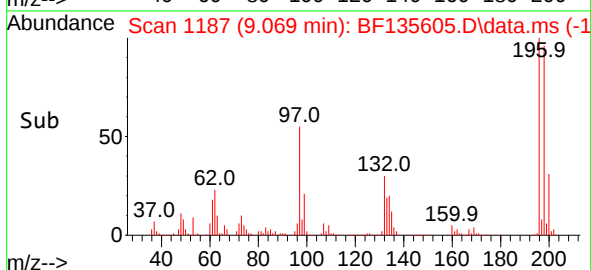
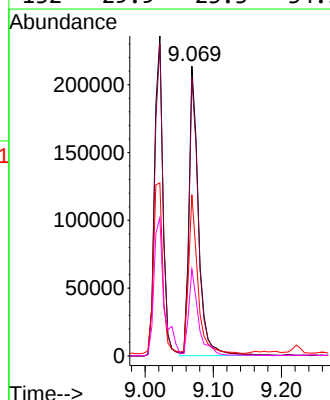
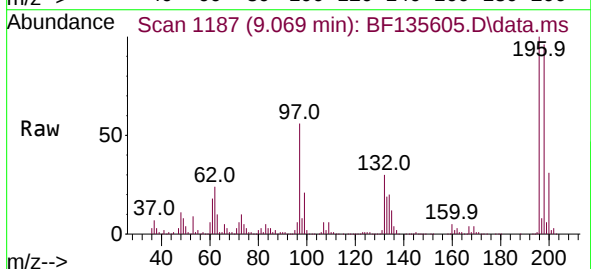
Ion Ratio Lower Upper

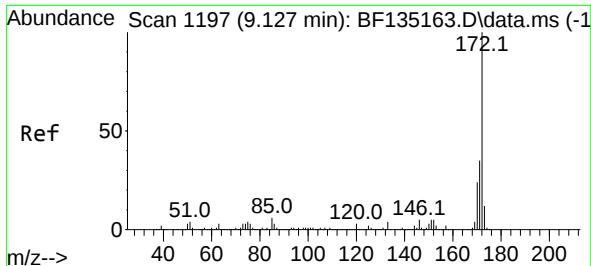
196 100

198 95.8 77.5 116.3

97 55.6 40.5 60.7

132 29.9 23.3 34.9

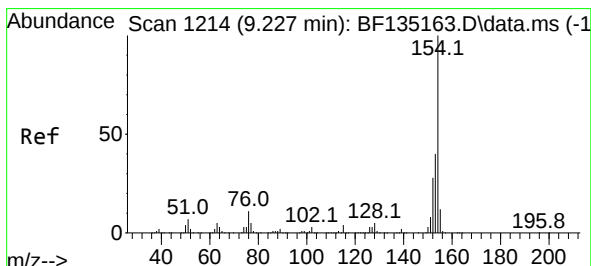
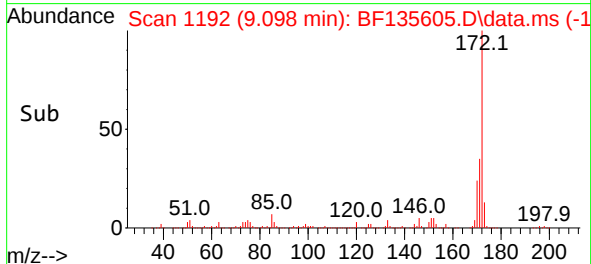
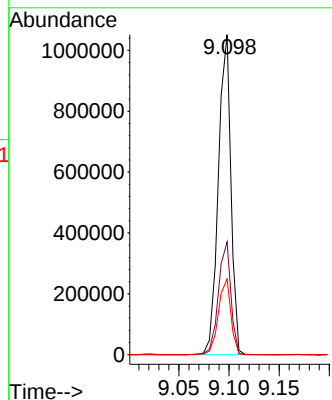
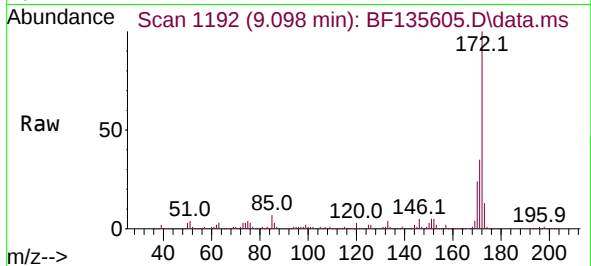




#45
2-Fluorobiphenyl
Concen: 67.056 ng
RT: 9.098 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

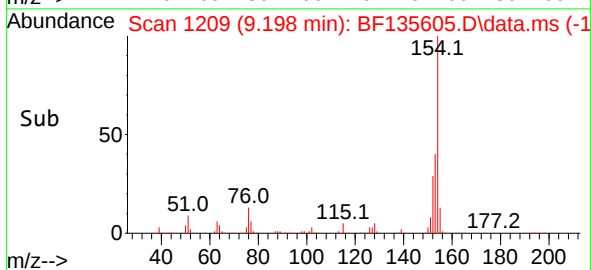
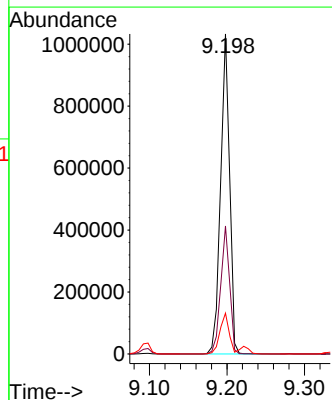
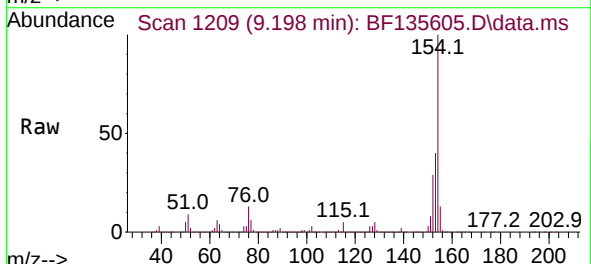
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

Tgt Ion:172 Resp: 913735
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 52.747 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:154 Resp: 833347
Ion Ratio Lower Upper
154 100
153 40.0 19.6 59.6
76 12.7 0.0 31.0

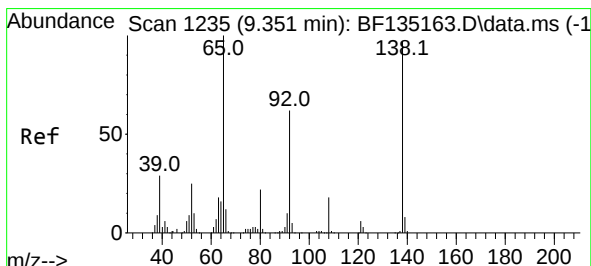
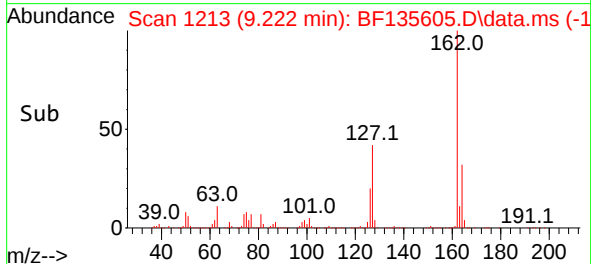
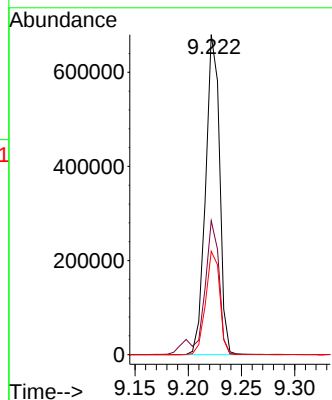
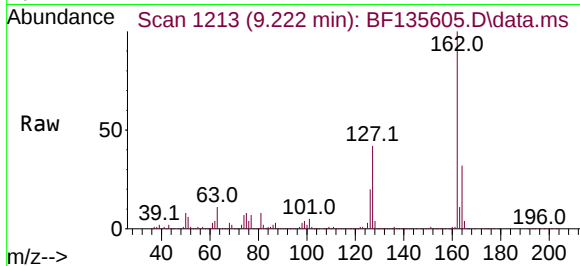




#47
2-Chloronaphthalene
Concen: 54.502 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

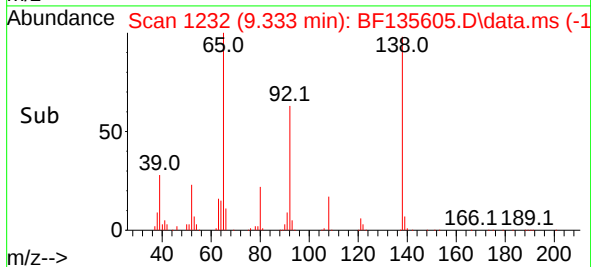
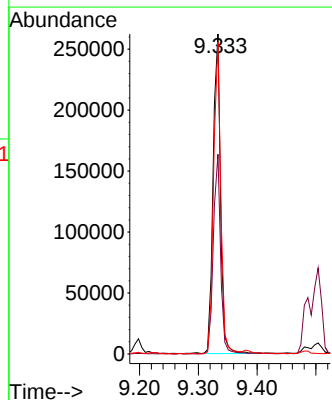
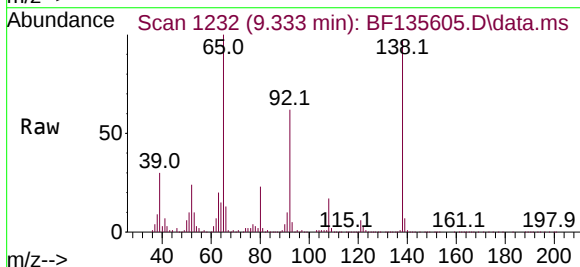
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

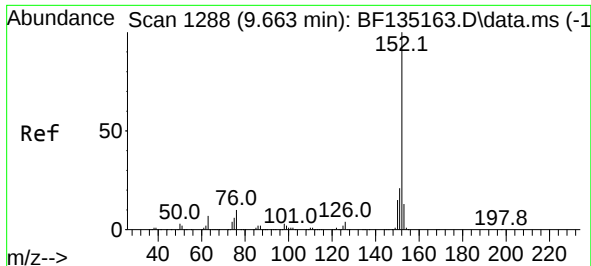
Tgt Ion:162 Resp: 624760
Ion Ratio Lower Upper
162 100
127 41.9 32.6 48.8
164 32.3 26.2 39.2



#48
2-Nitroaniline
Concen: 51.396 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion: 65 Resp: 228882
Ion Ratio Lower Upper
65 100
92 62.4 49.4 74.0
138 97.5 77.4 116.0





#49

Acenaphthylene

Concen: 48.863 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

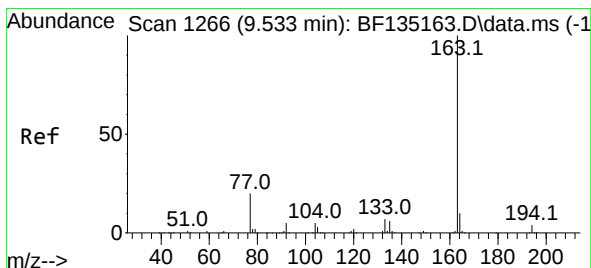
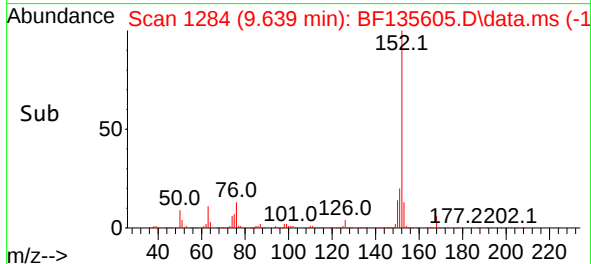
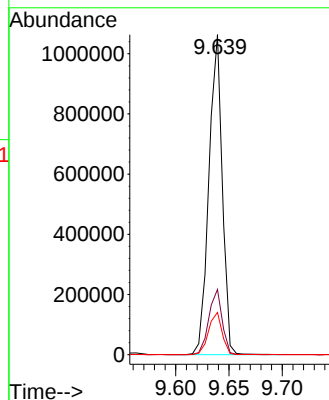
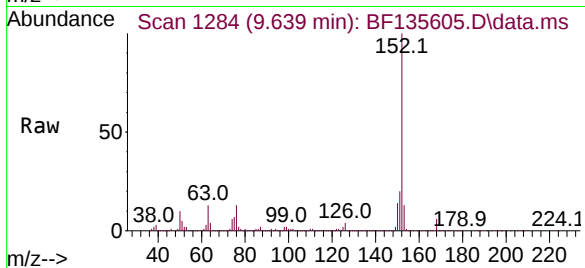
Tgt Ion:152 Resp: 930867

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 52.238 ng

RT: 9.504 min Scan# 1261

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

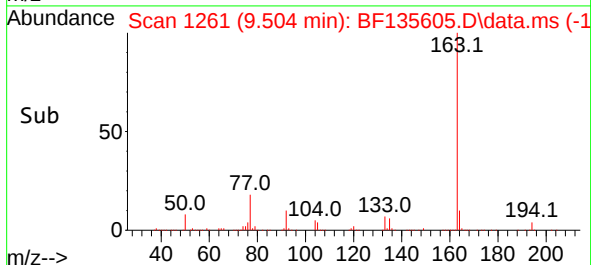
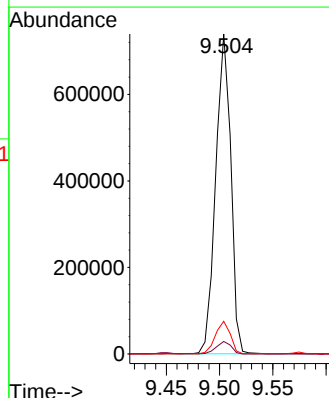
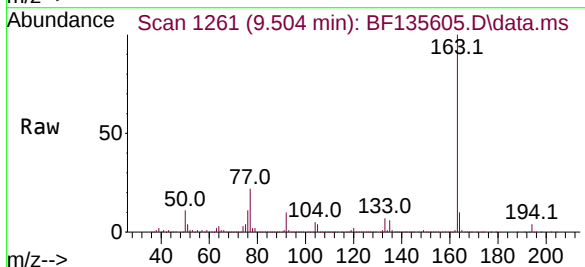
Tgt Ion:163 Resp: 726079

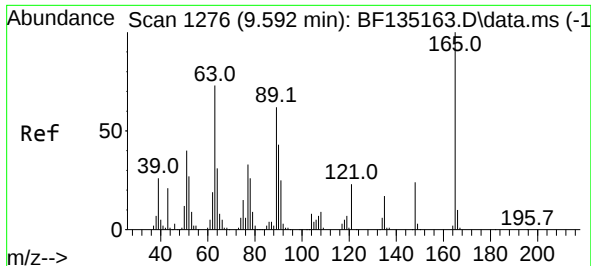
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.1 12.1

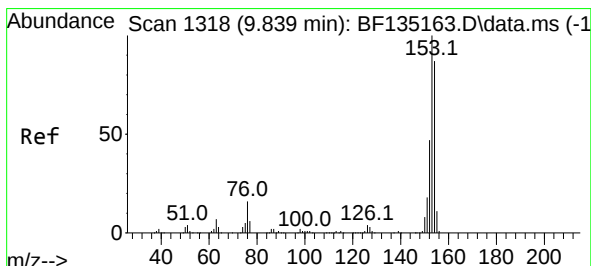
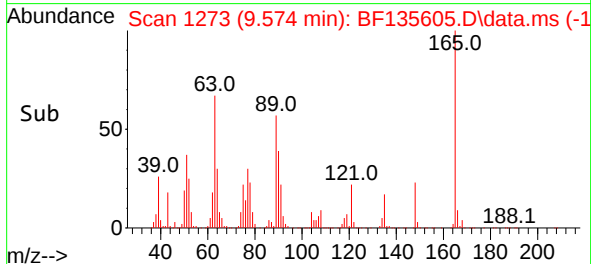
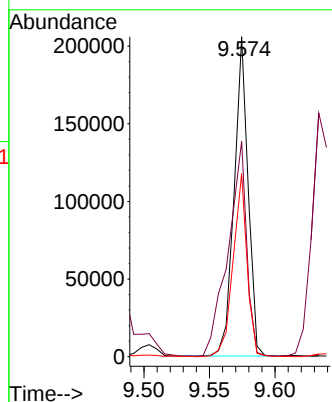
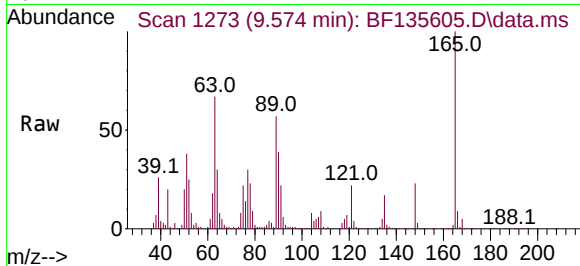




#51
2,6-Dinitrotoluene
Concen: 50.123 ng
RT: 9.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

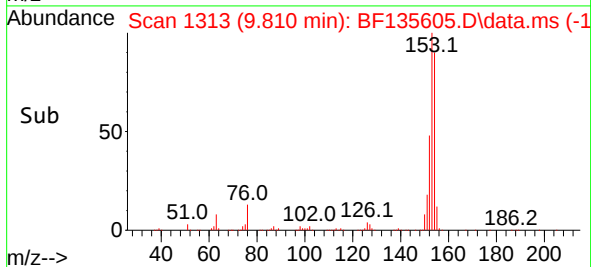
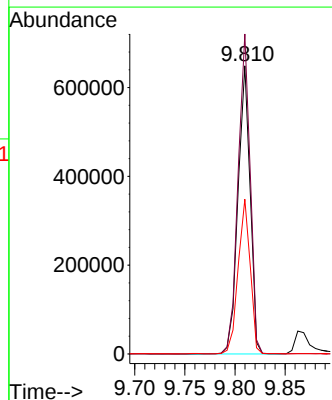
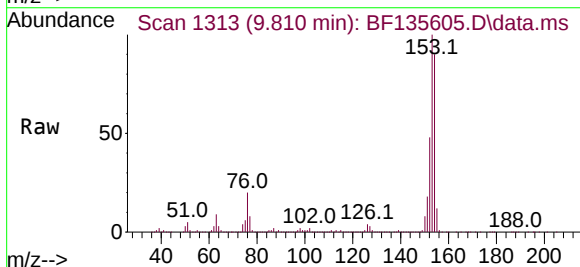
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

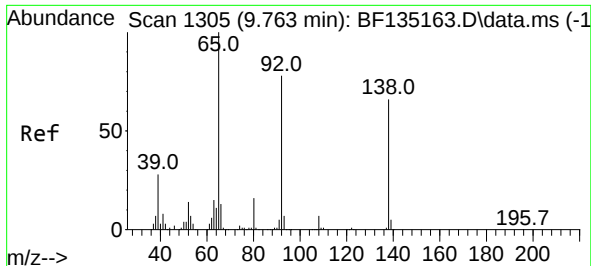
Tgt Ion:165 Resp: 152620
Ion Ratio Lower Upper
165 100
63 67.3 59.4 89.2
89 57.2 49.8 74.8



#52
Acenaphthene
Concen: 48.780 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:154 Resp: 548969
Ion Ratio Lower Upper
154 100
153 111.0 92.1 138.1
152 53.7 43.1 64.7

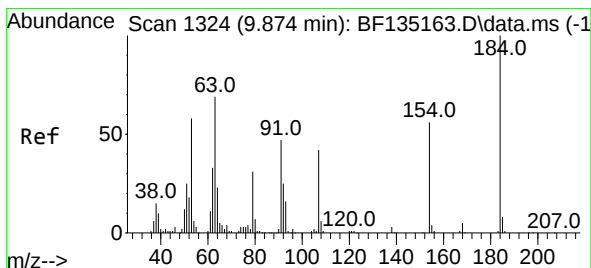
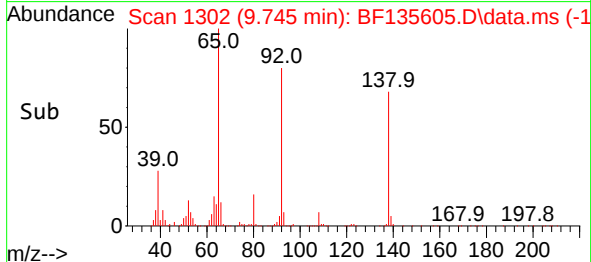
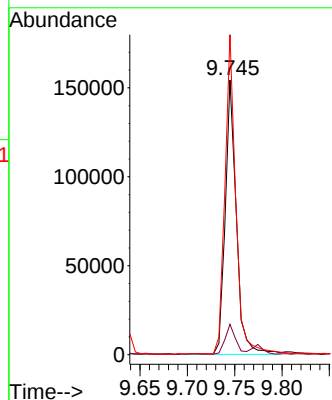
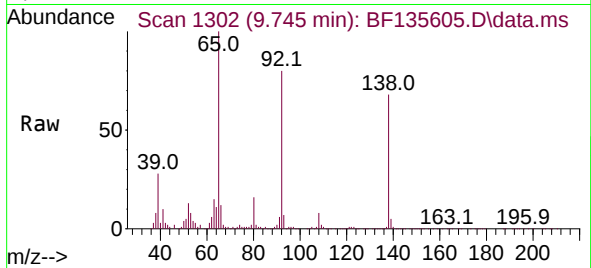




#53
3-Nitroaniline
Concen: 35.292 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

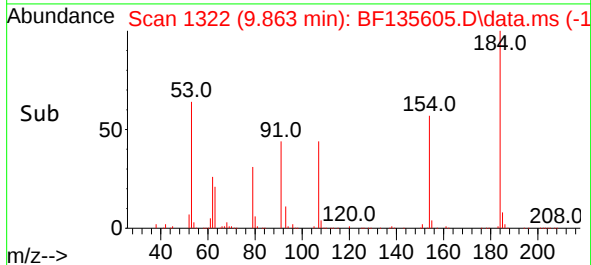
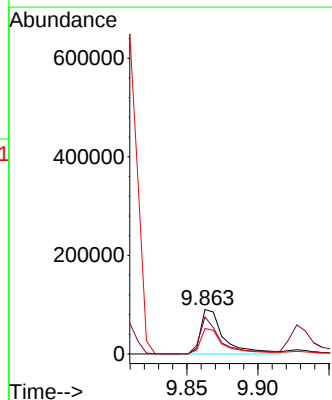
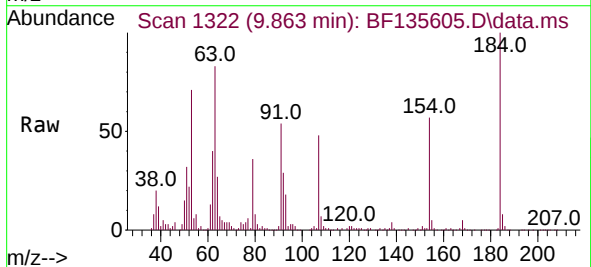
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

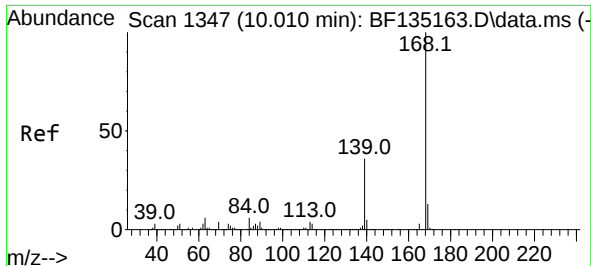
Tgt Ion:138 Resp: 126143
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 116.5 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 60.945 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:184 Resp: 102558
Ion Ratio Lower Upper
184 100
63 82.9 55.1 82.7#
154 57.0 48.4 72.6

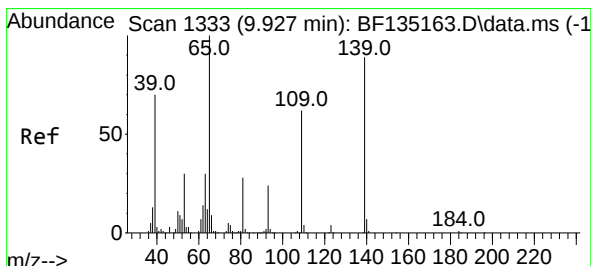
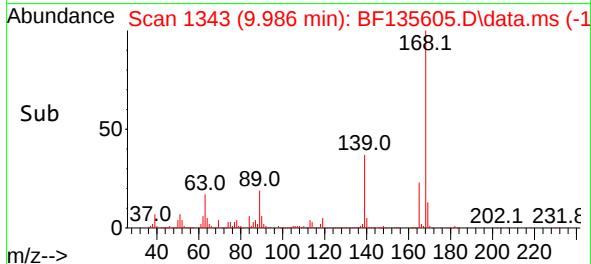
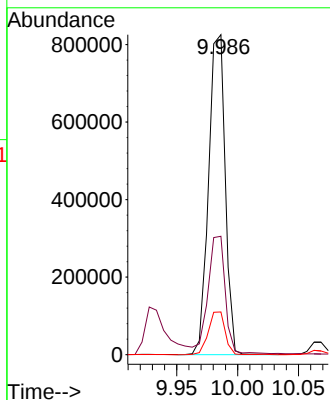
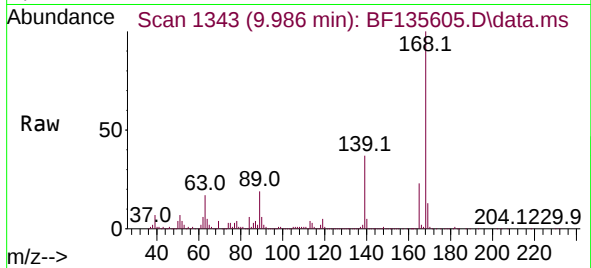




#55
Dibenzenofuran
Concen: 45.534 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

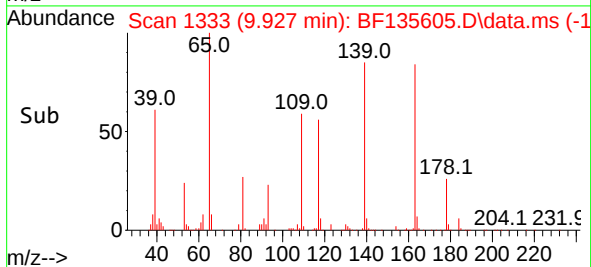
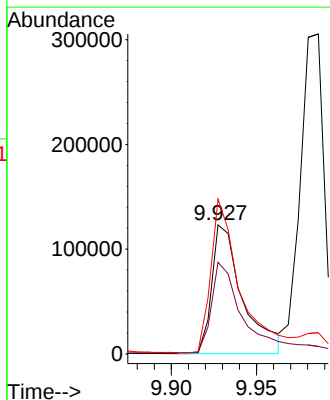
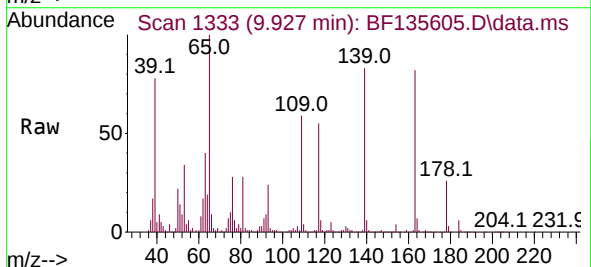
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

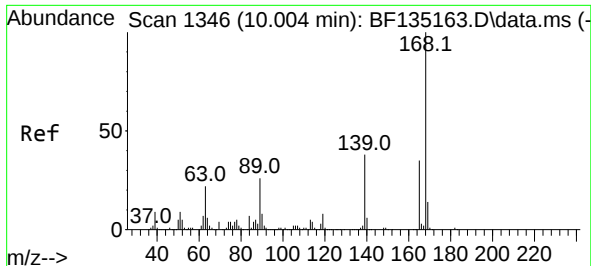
Tgt Ion:168 Resp: 781973
Ion Ratio Lower Upper
168 100
139 37.0 29.0 43.6
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 68.174 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:139 Resp: 154866
Ion Ratio Lower Upper
139 100
109 71.1 49.8 89.8
65 120.1 92.7 132.7

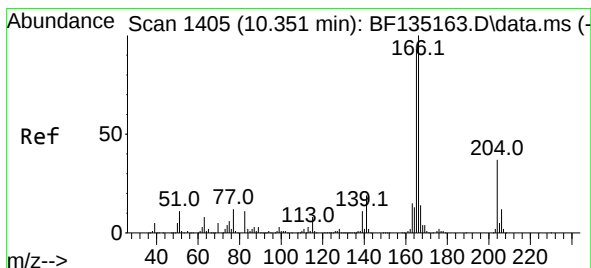
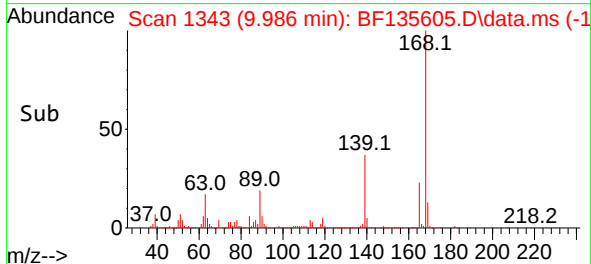
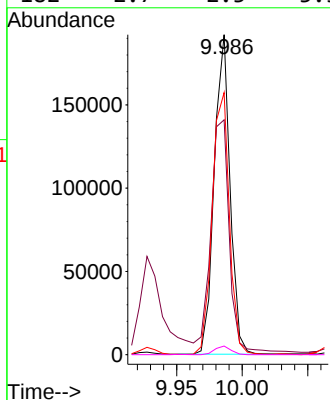
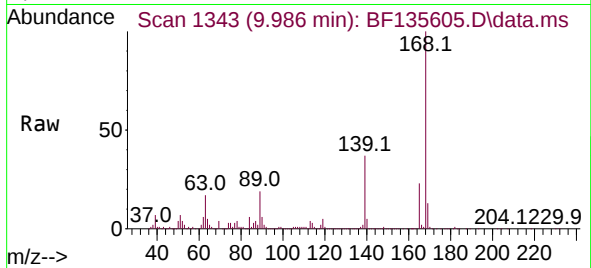




#57
2,4-Dinitrotoluene
Concen: 42.136 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

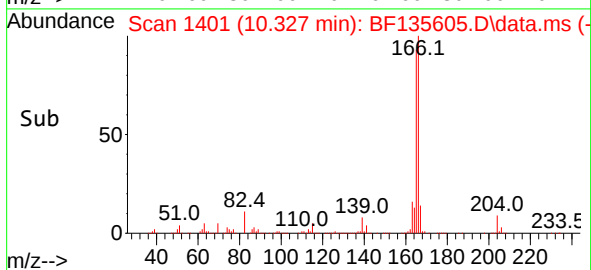
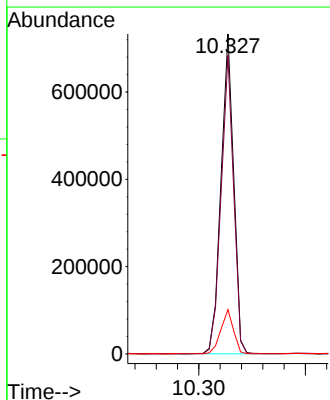
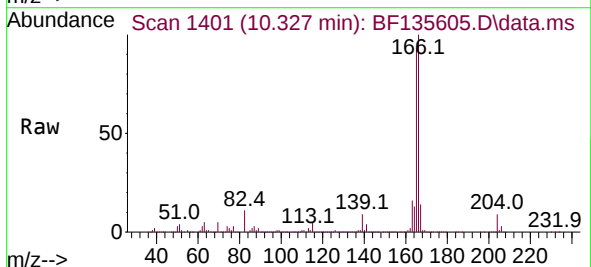
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

Tgt Ion:165 Resp: 160623
Ion Ratio Lower Upper
165 100
63 73.4 50.1 75.1
89 81.9 59.3 88.9
182 2.7 2.3 3.5



#58
Fluorene
Concen: 45.558 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:166 Resp: 601475
Ion Ratio Lower Upper
166 100
165 93.3 74.3 111.5
167 13.9 10.9 16.3

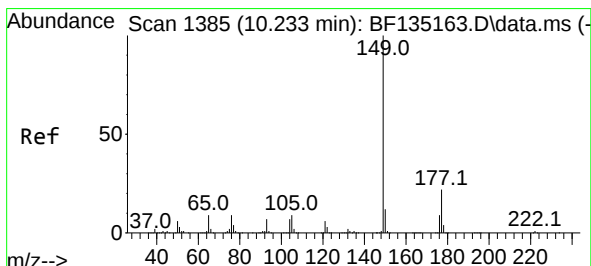
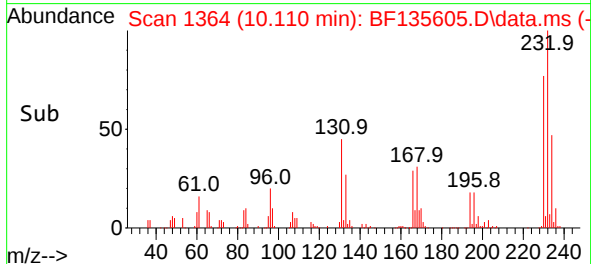
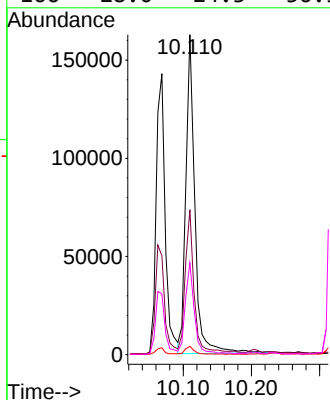
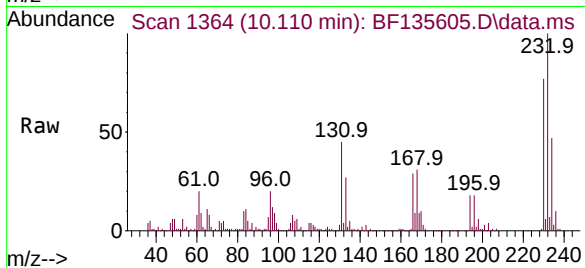




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.153 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

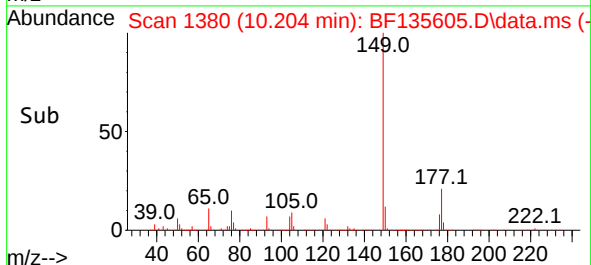
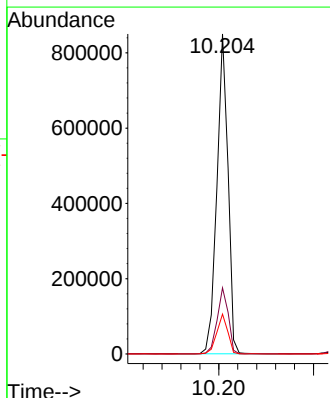
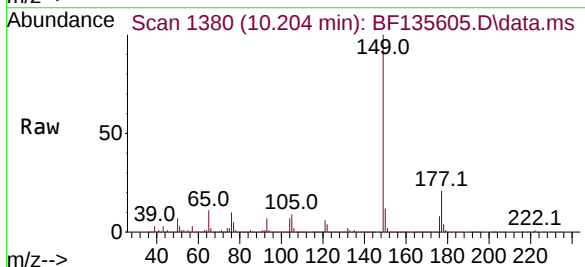
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

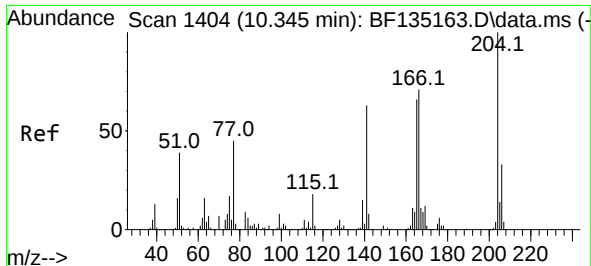
Tgt Ion:232 Resp: 149075
Ion Ratio Lower Upper
232 100
131 43.7 35.4 53.2
130 2.6 1.8 2.8
166 28.0 24.3 36.5



#60
Diethylphthalate
Concen: 49.230 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:149 Resp: 686732
Ion Ratio Lower Upper
149 100
177 20.6 17.8 26.6
150 12.4 10.0 15.0

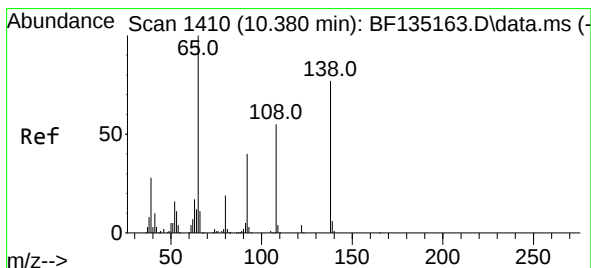
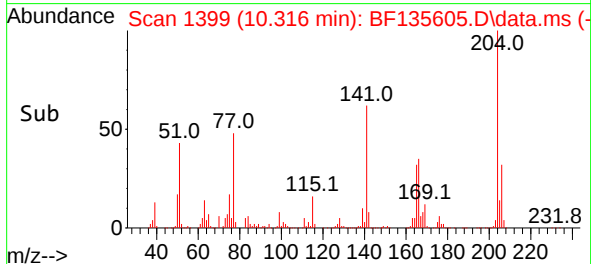
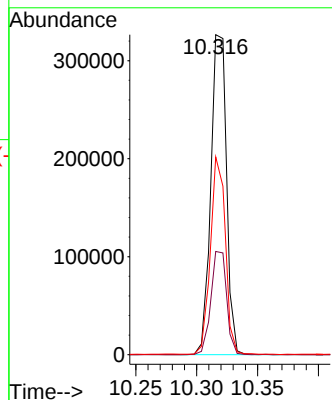
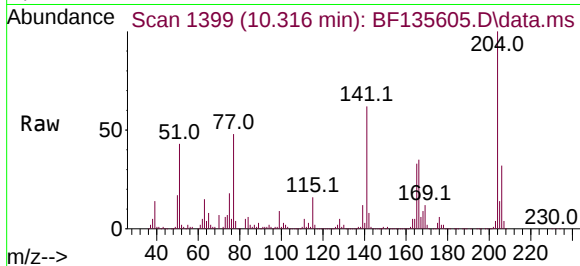




#61
4-Chlorophenyl-phenylether
Concen: 46.406 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

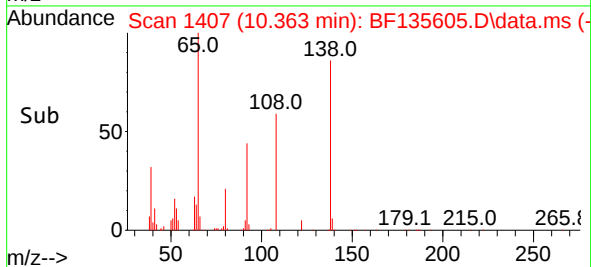
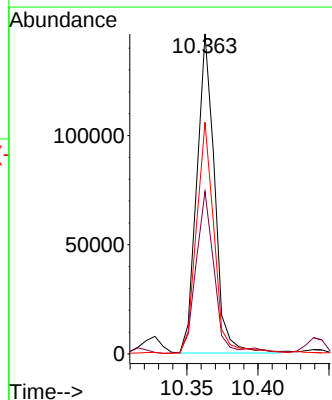
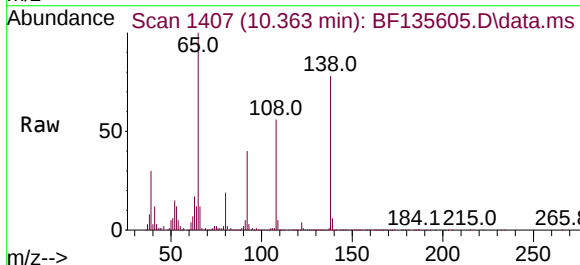
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

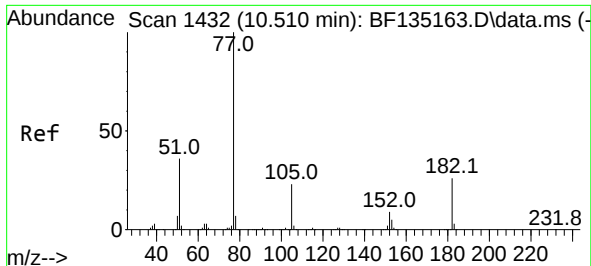
Tgt Ion:204 Resp: 294307
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 61.8 50.6 75.8



#62
4-Nitroaniline
Concen: 37.261 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:138 Resp: 128020
Ion Ratio Lower Upper
138 100
92 50.8 31.8 71.8
108 72.4 52.0 92.0

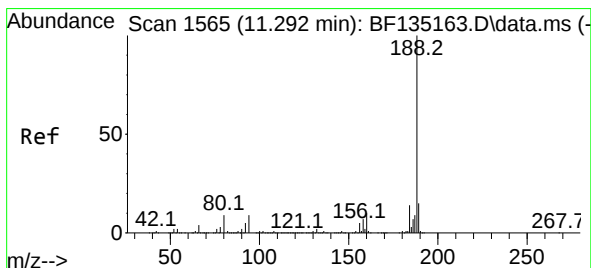
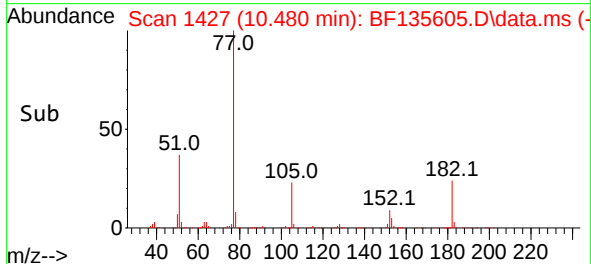
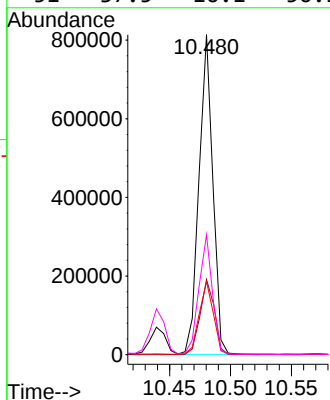
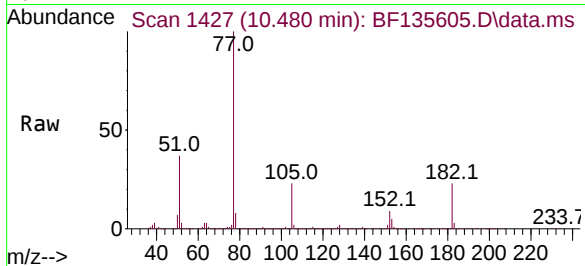




#63
Azobenzene
Concen: 46.912 ng
RT: 10.480 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

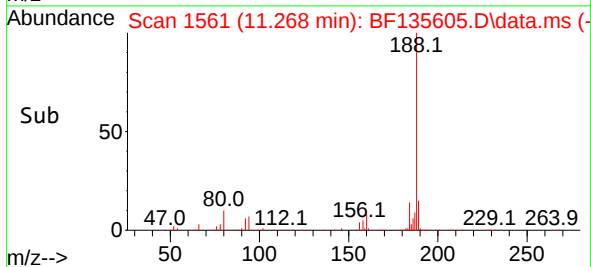
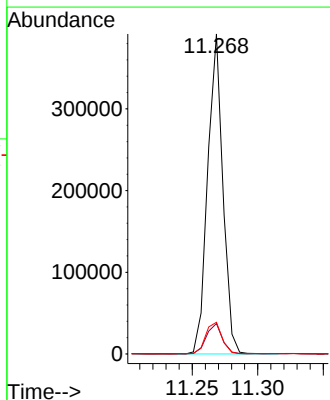
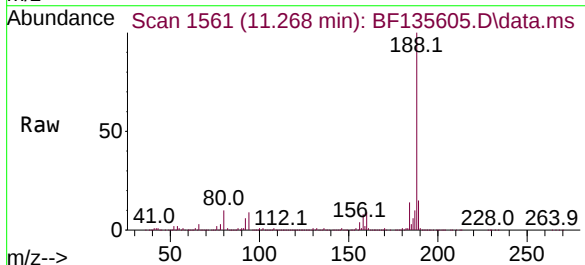
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

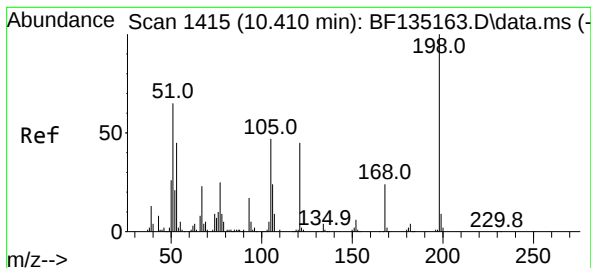
Tgt Ion: 77	Resp: 640454
Ion Ratio	Lower Upper
77 100	
182 23.5	6.4 46.4
105 22.8	3.1 43.1
51 37.5	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.268 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:188	Resp: 316746
Ion Ratio	Lower Upper
188 100	
94 9.5	7.0 10.6
80 9.9	7.5 11.3

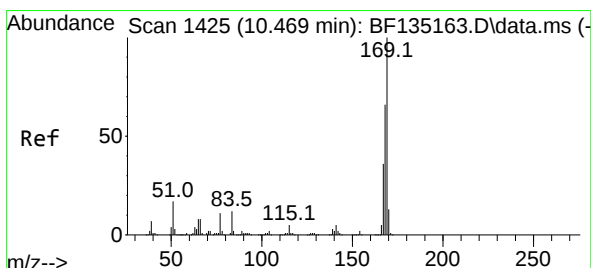
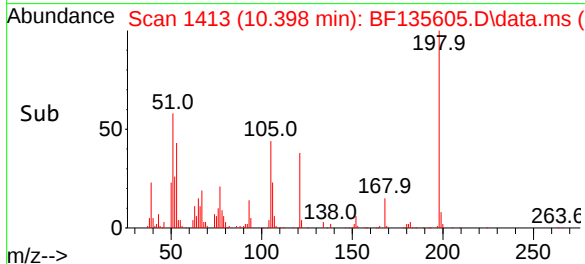
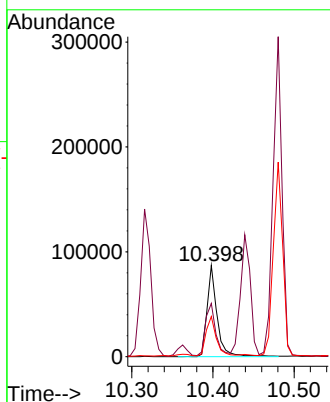
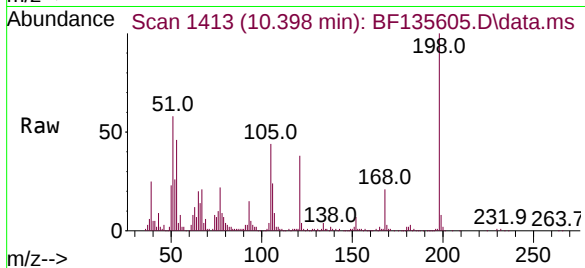




#65
4,6-Dinitro-2-methylphenol
Concen: 44.212 ng
RT: 10.398 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

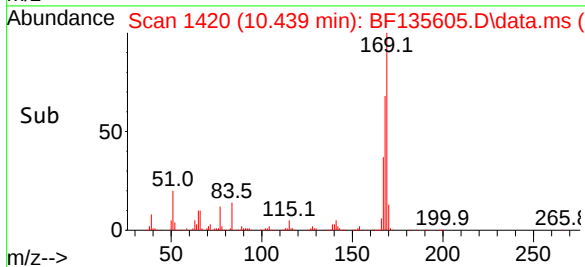
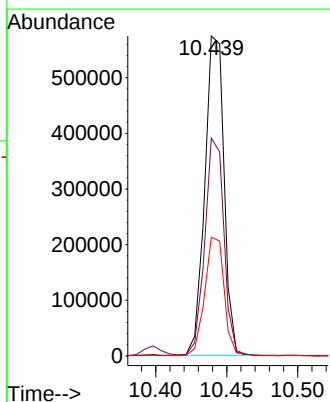
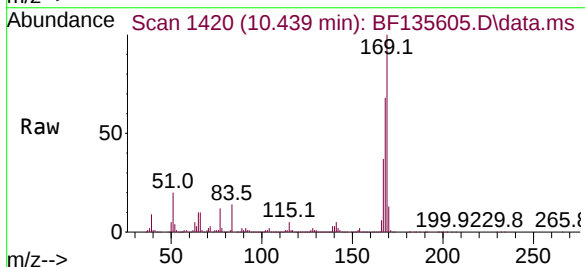
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

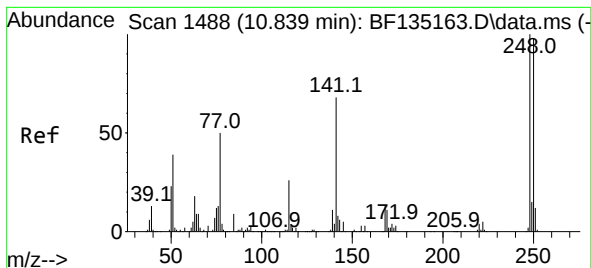
Tgt Ion:198 Resp: 74379
Ion Ratio Lower Upper
198 100
51 58.5 47.7 87.7
105 44.0 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 56.375 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:169 Resp: 540603
Ion Ratio Lower Upper
169 100
168 68.0 52.8 79.2
167 37.1 29.0 43.6

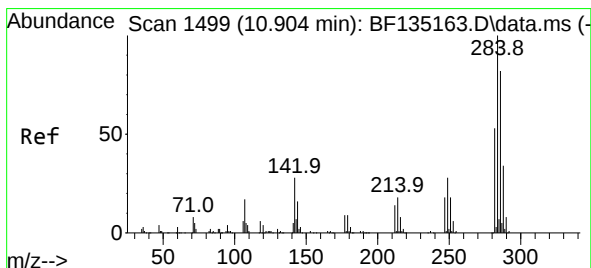
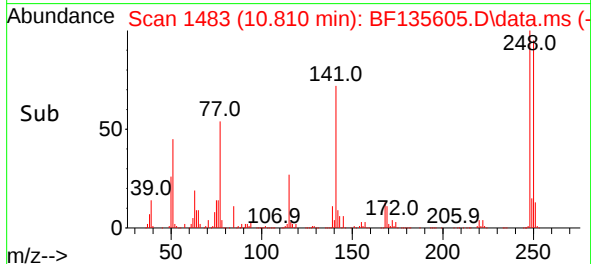
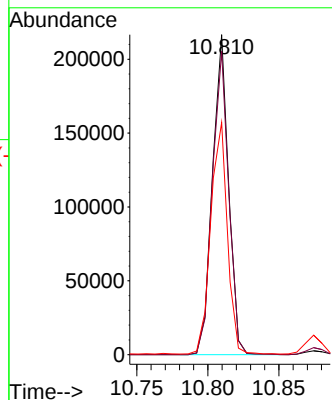
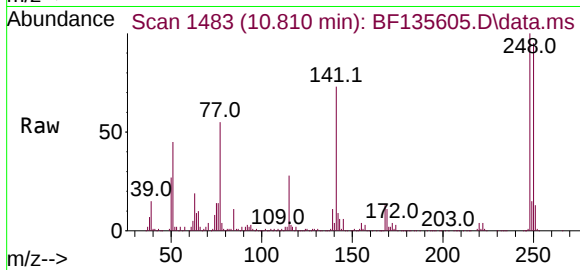




#67
4-Bromophenyl-phenylether
Concen: 54.058 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

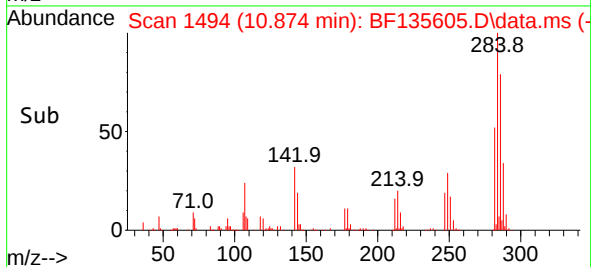
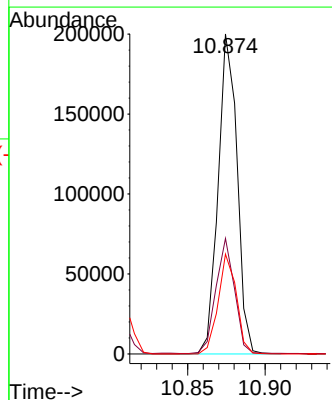
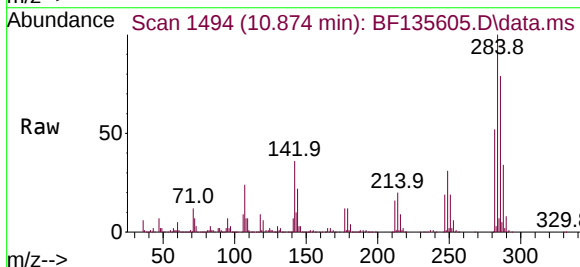
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

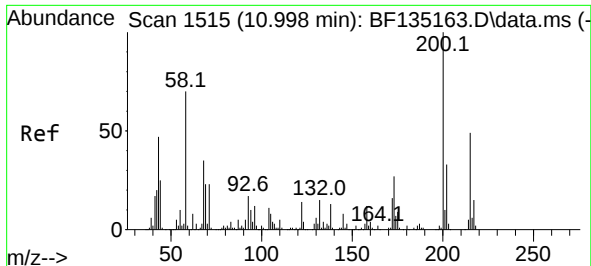
Tgt Ion:248 Resp: 170296
Ion Ratio Lower Upper
248 100
250 94.8 78.6 117.8
141 72.6 54.2 81.2



#68
Hexachlorobenzene
Concen: 52.933 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:284 Resp: 169884
Ion Ratio Lower Upper
284 100
142 36.1 22.2 33.4#
249 31.2 22.5 33.7

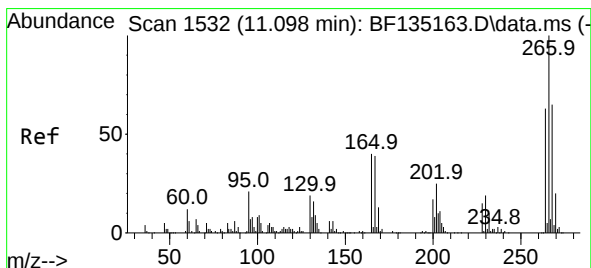
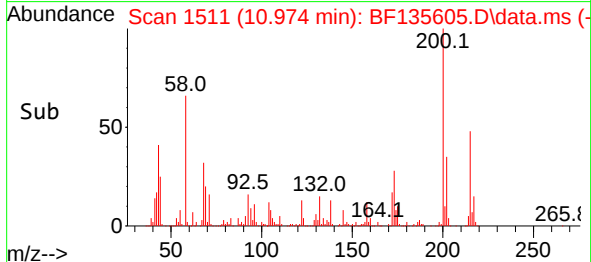
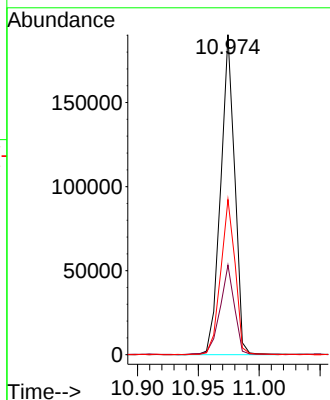
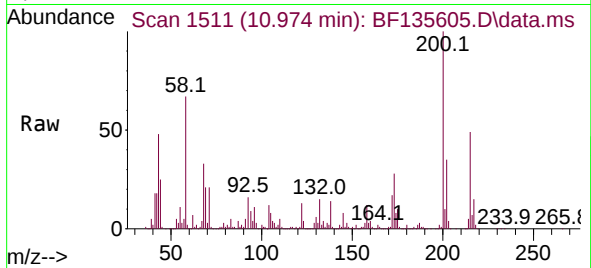




#69
 Atrazine
 Concen: 59.413 ng
 RT: 10.974 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: BF135605.D
 Acq: 05 Oct 2023 18:07

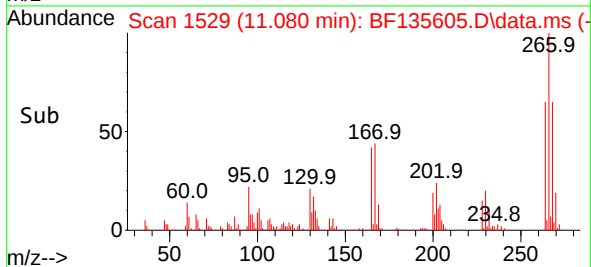
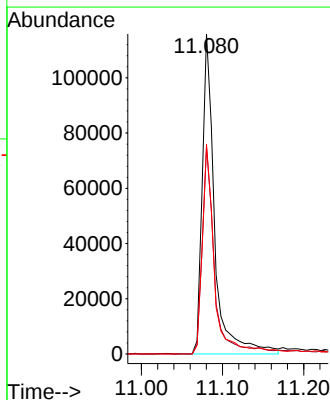
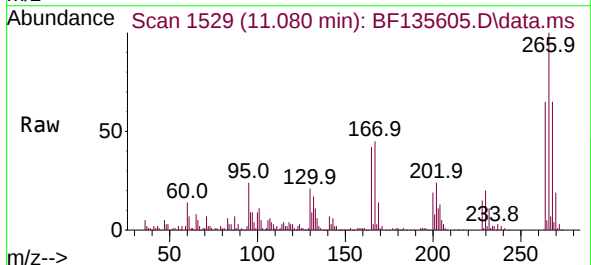
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092923MS

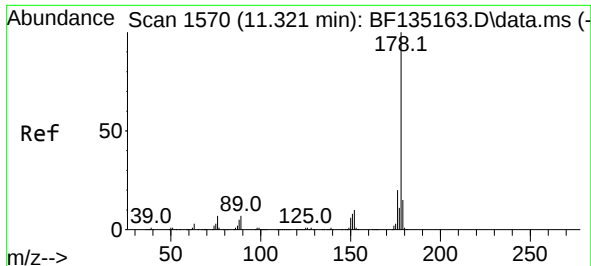
Tgt Ion:200 Resp: 153298
 Ion Ratio Lower Upper
 200 100
 173 28.0 7.4 47.4
 215 48.5 28.6 68.6



#70
 Pentachlorophenol
 Concen: 64.253 ng
 RT: 11.080 min Scan# 1529
 Delta R.T. -0.000 min
 Lab File: BF135605.D
 Acq: 05 Oct 2023 18:07

Tgt Ion:266 Resp: 123377
 Ion Ratio Lower Upper
 266 100
 268 64.7 52.1 78.1
 264 65.4 50.8 76.2

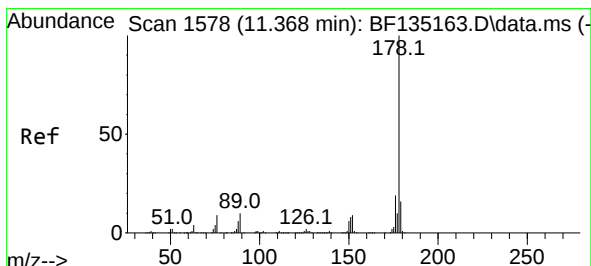
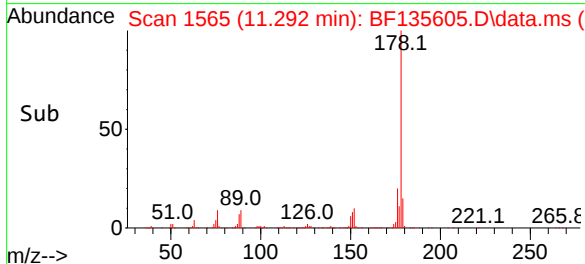
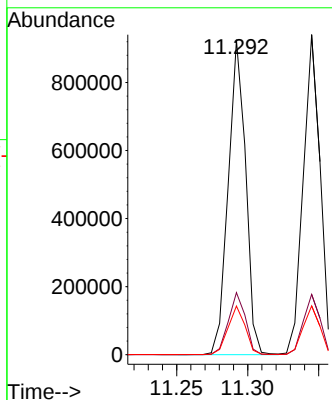
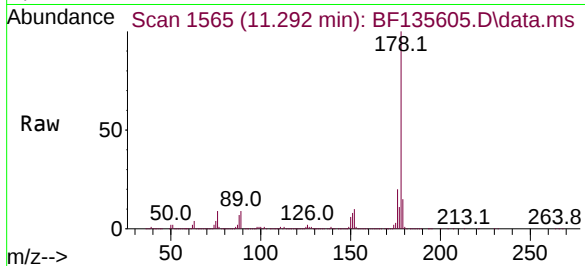




#71
Phenanthrene
Concen: 52.573 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

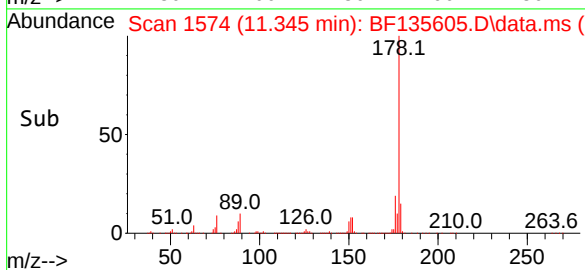
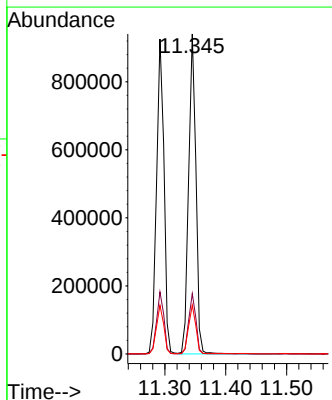
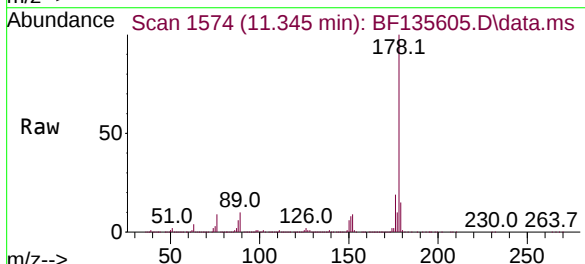
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

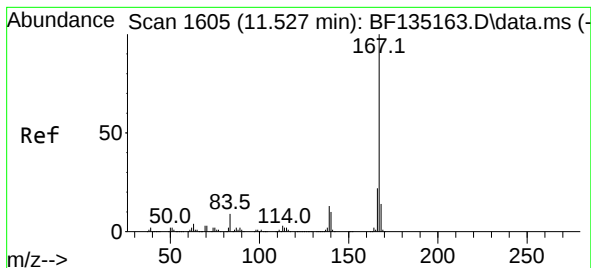
Tgt Ion:178 Resp: 787577
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.5 12.0 18.0



#72
Anthracene
Concen: 51.008 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:178 Resp: 785448
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.3 12.6 19.0





#73

Carbazole

Concen: 50.913 ng

RT: 11.510 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

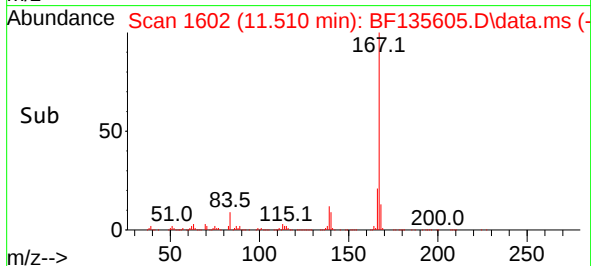
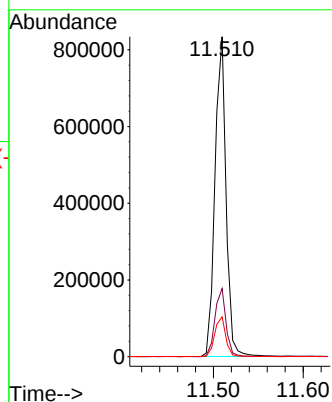
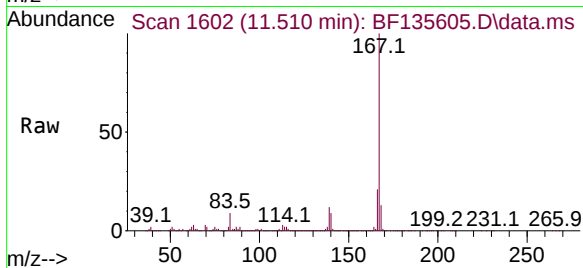
Tgt Ion:167 Resp: 713683

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

139 12.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 54.891 ng

RT: 11.833 min Scan# 1657

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

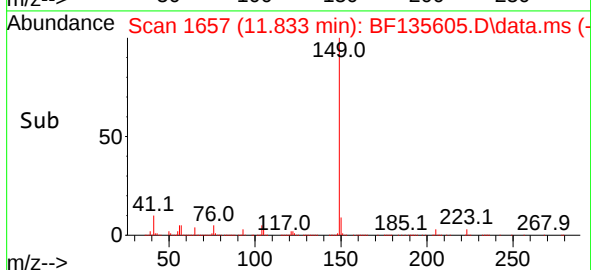
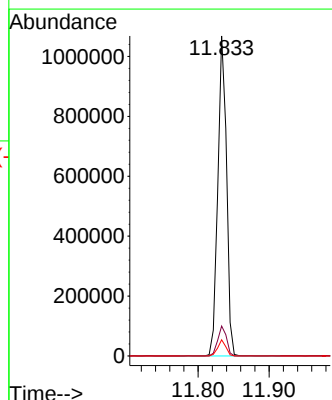
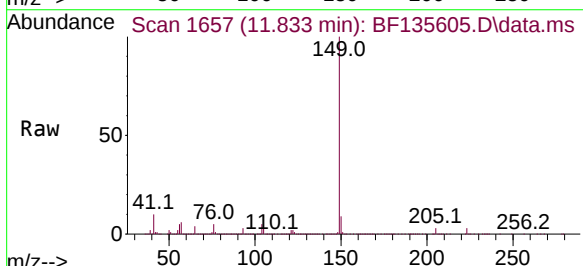
Tgt Ion:149 Resp: 906673

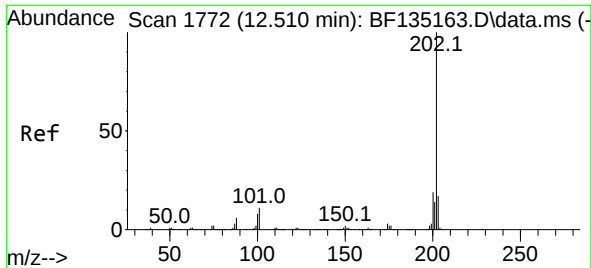
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.0 3.6 5.4

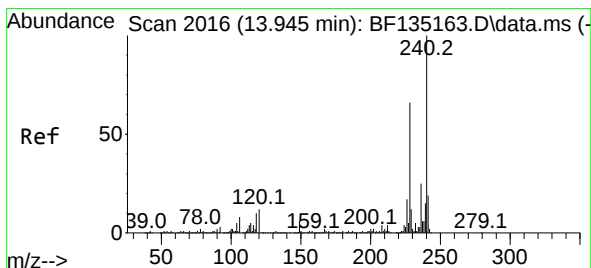
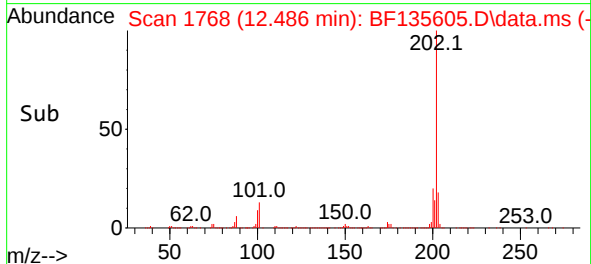
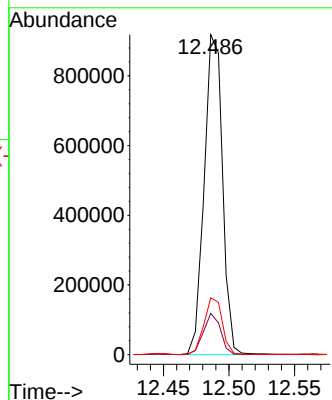
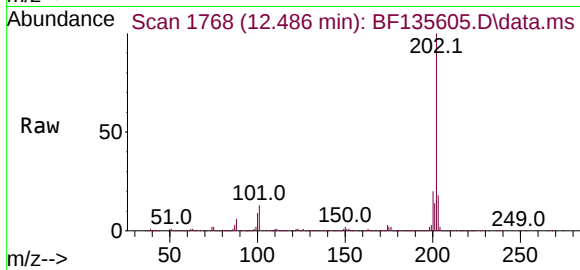




#75
Fluoranthene
Concen: 57.268 ng
RT: 12.486 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

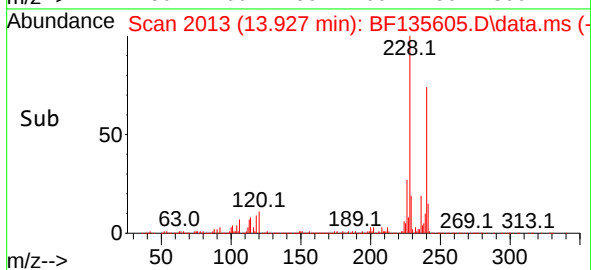
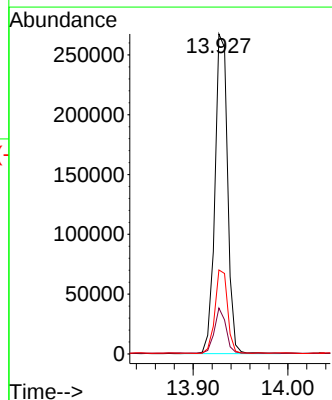
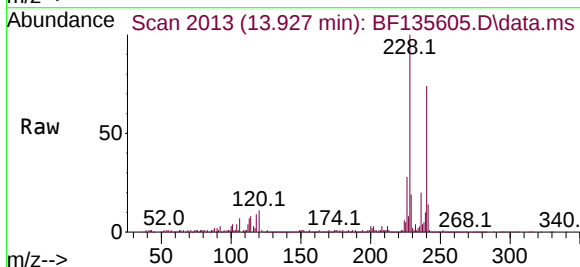
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

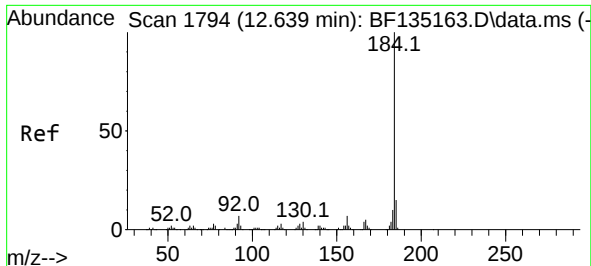
Tgt Ion:202 Resp: 893944
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.3
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:240 Resp: 247525
Ion Ratio Lower Upper
240 100
120 14.3 9.4 14.2#
236 26.2 19.8 29.8

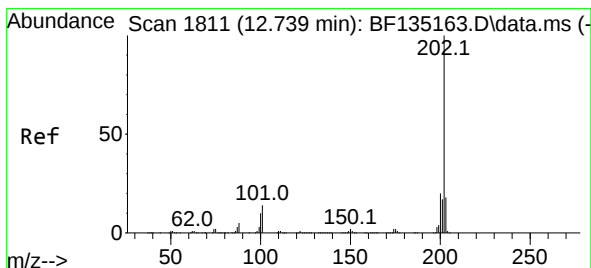
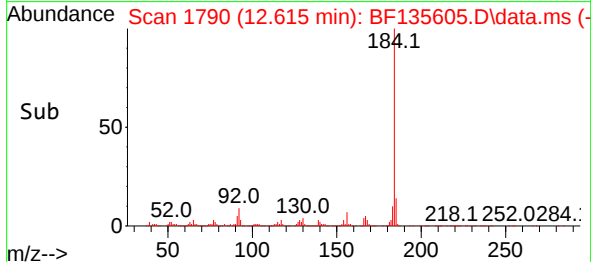
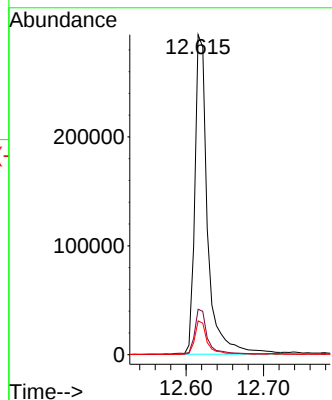
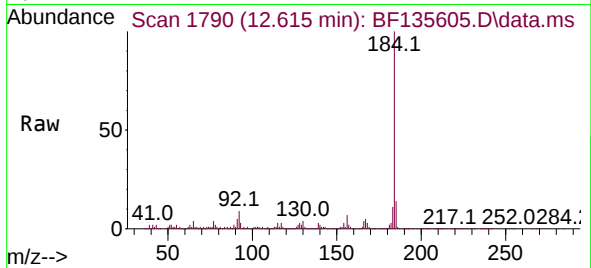




#77
Benzidine
Concen: 66.332 ng
RT: 12.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

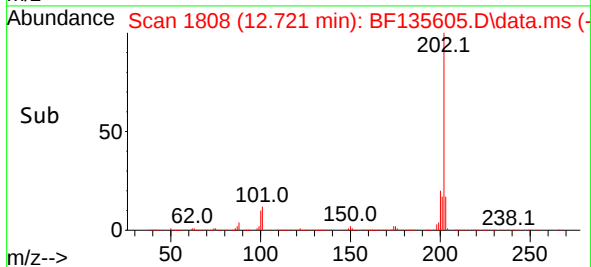
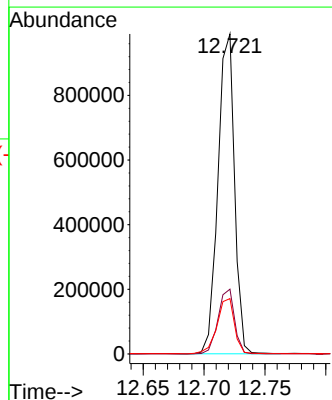
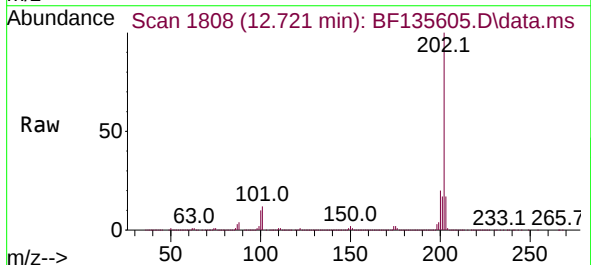
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

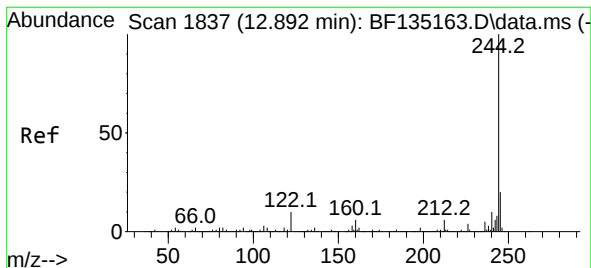
Tgt Ion:184 Resp: 336372
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.6 8.2 12.4



#78
Pyrene
Concen: 39.894 ng
RT: 12.721 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:202 Resp: 940148
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 45.190 ng

RT: 12.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

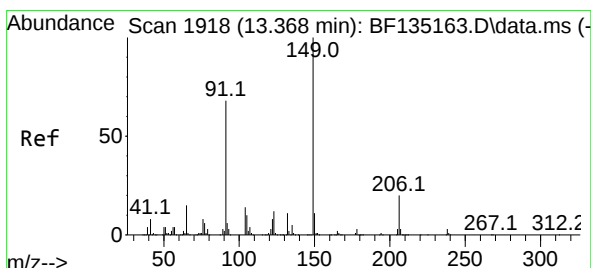
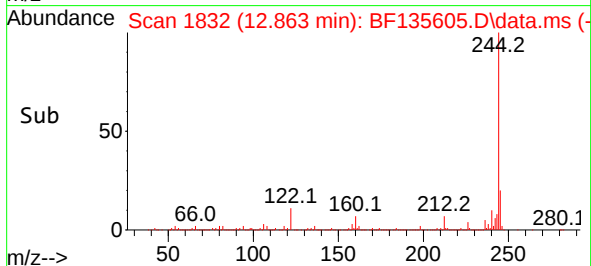
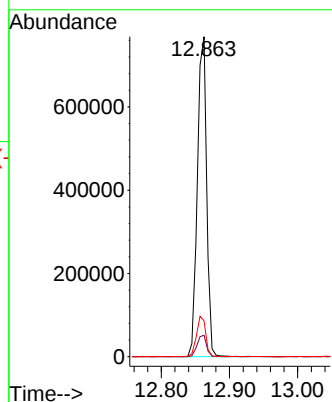
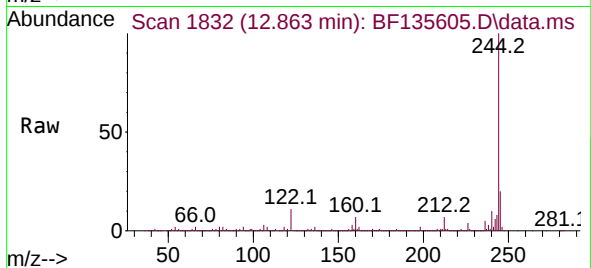
Tgt Ion:244 Resp: 721558

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.2 7.9 11.9



#80

Butylbenzylphthalate

Concen: 46.690 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

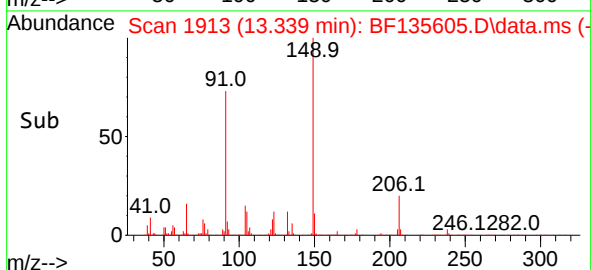
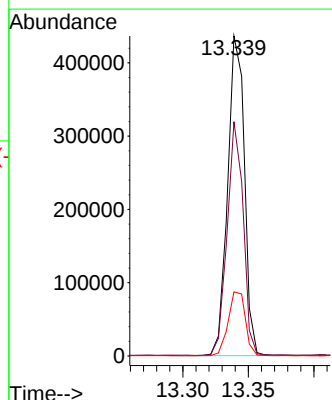
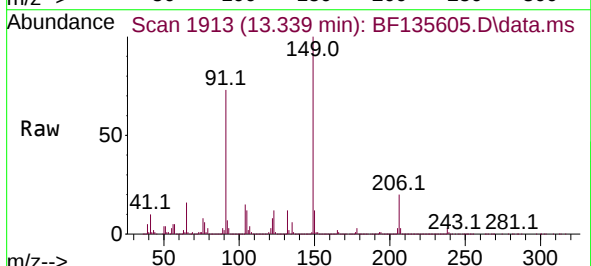
Tgt Ion:149 Resp: 387397

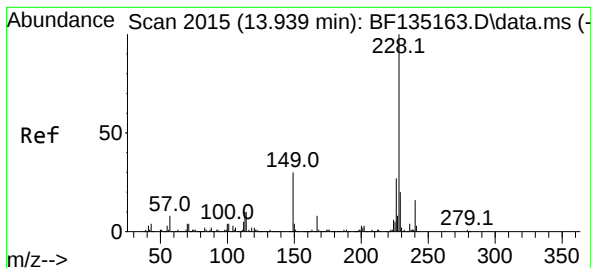
Ion Ratio Lower Upper

149 100

91 73.2 54.7 82.1

206 20.0 16.3 24.5





#81

Benzo(a)anthracene

Concen: 54.880 ng

RT: 13.921 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

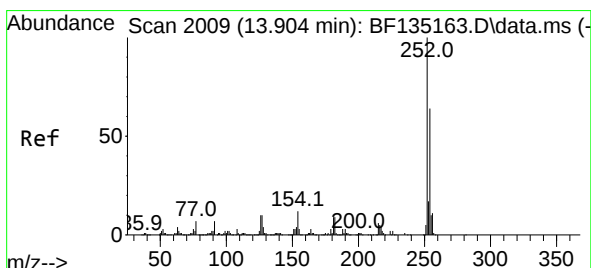
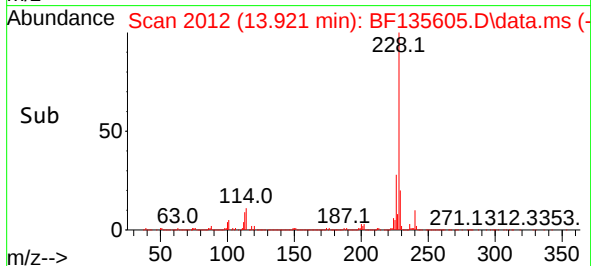
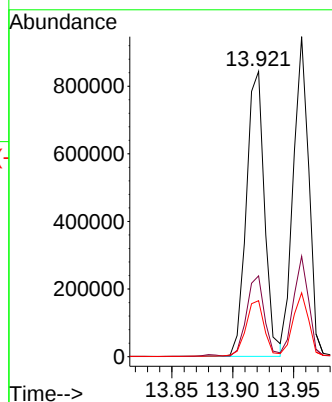
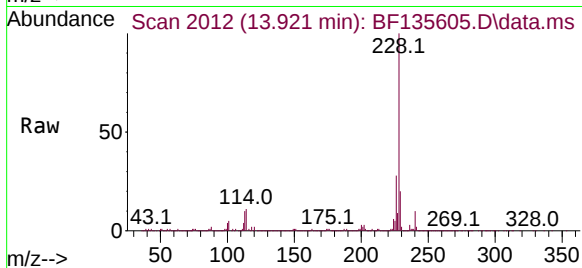
Tgt Ion:228 Resp: 877162

Ion Ratio Lower Upper

228 100

226 28.3 21.7 32.5

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 54.824 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

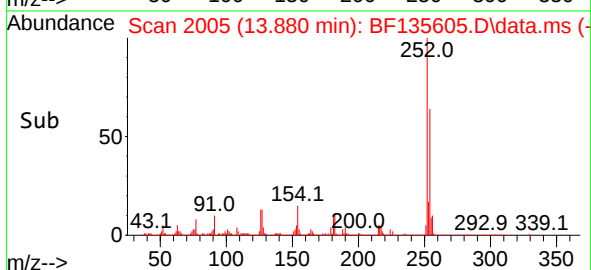
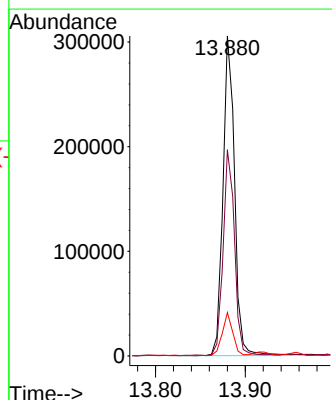
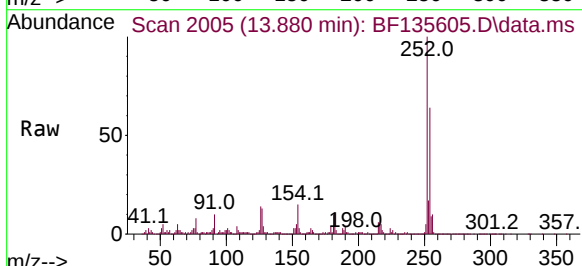
Tgt Ion:252 Resp: 273709

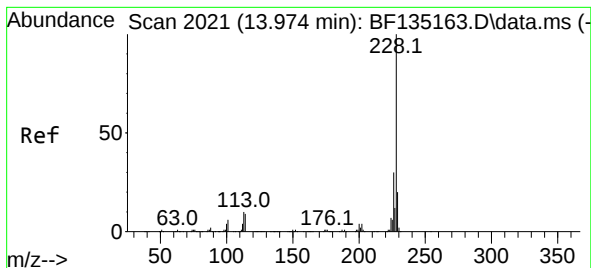
Ion Ratio Lower Upper

252 100

254 64.5 51.0 76.4

126 13.6 7.8 11.8#





#83

Chrysene

Concen: 52.432 ng

RT: 13.957 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

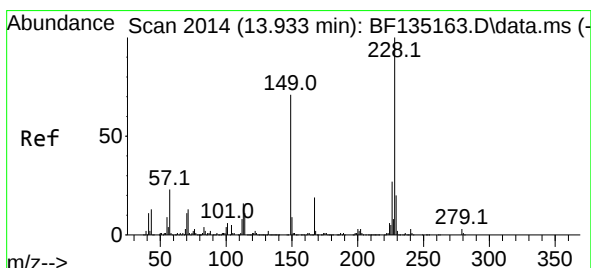
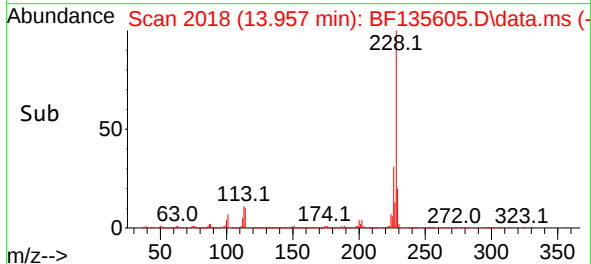
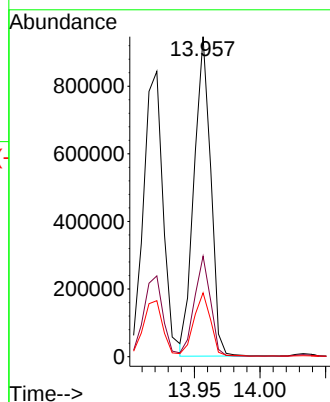
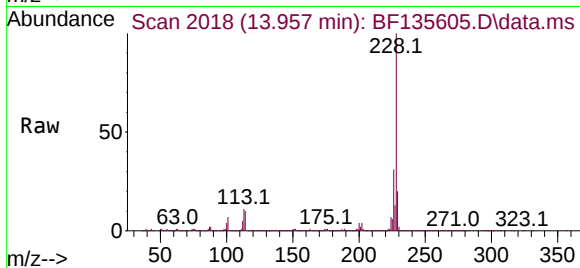
Tgt Ion:228 Resp: 833205

Ion Ratio Lower Upper

228 100

226 31.4 24.3 36.5

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.127 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

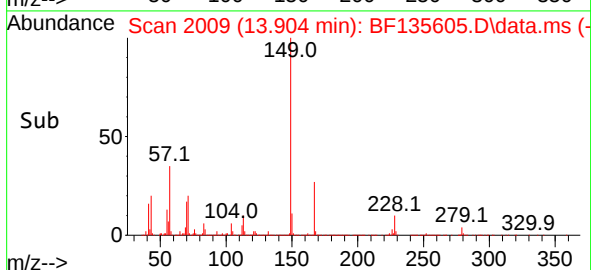
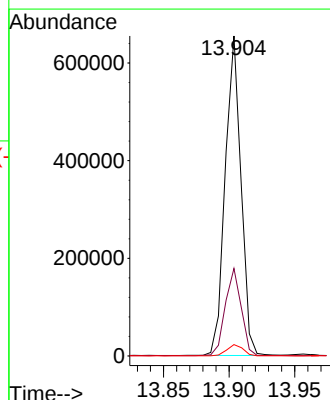
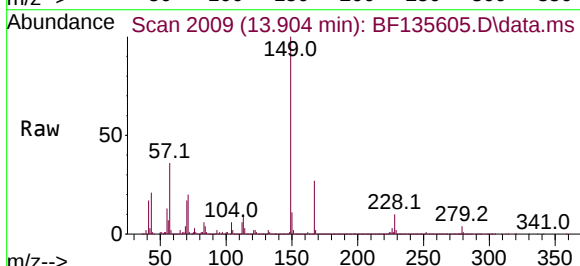
Tgt Ion:149 Resp: 546009

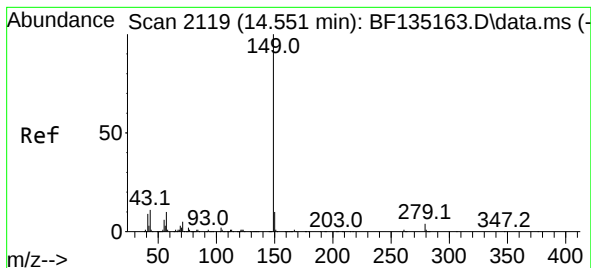
Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 76.188 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.000 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

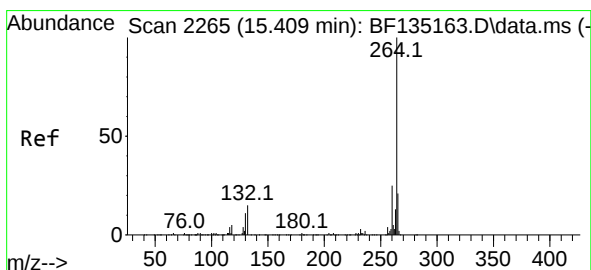
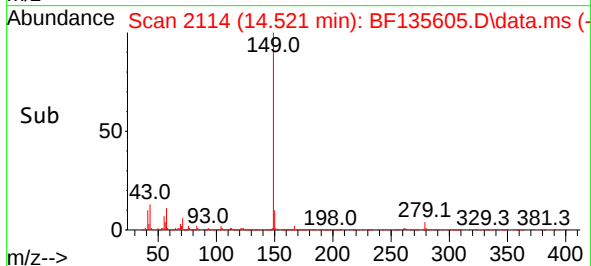
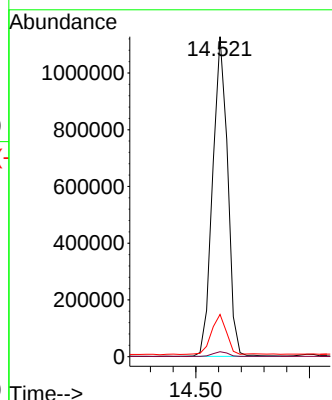
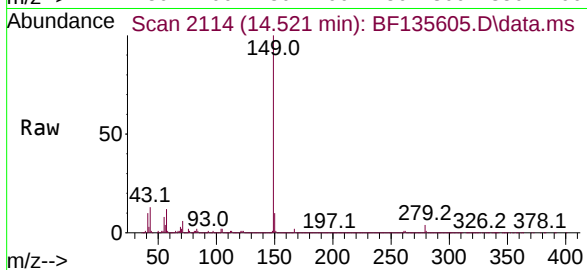
Tgt Ion:149 Resp: 1030917

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

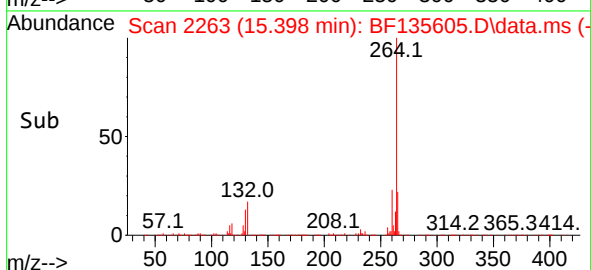
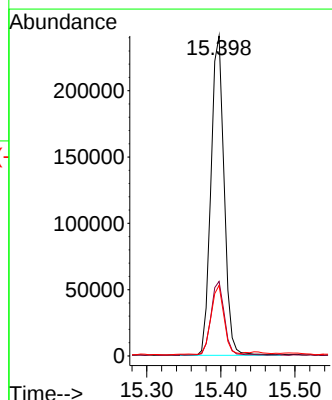
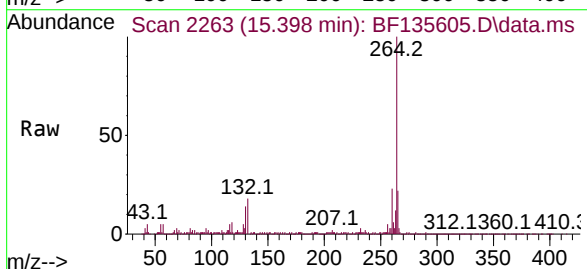
Tgt Ion:264 Resp: 297541

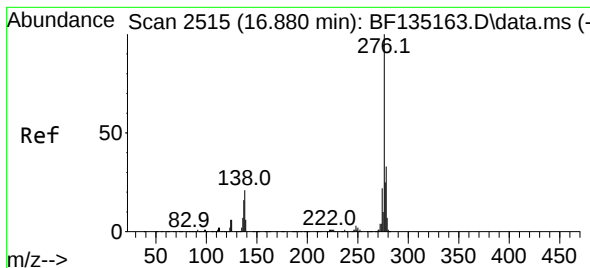
Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 31.518 ng

RT: 16.886 min Scan# 2116

Delta R.T. 0.018 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

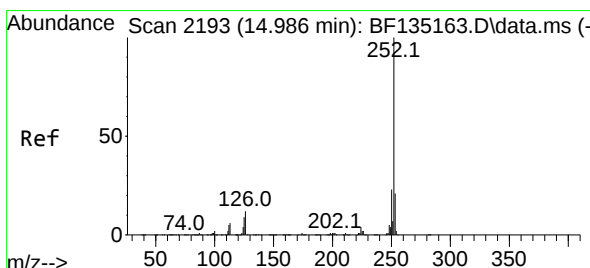
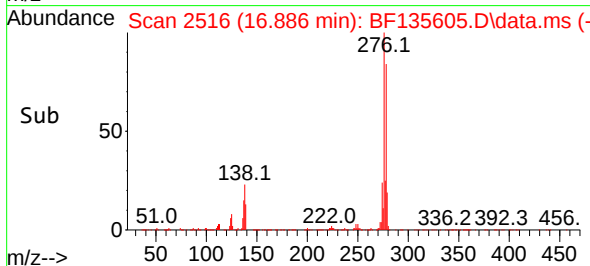
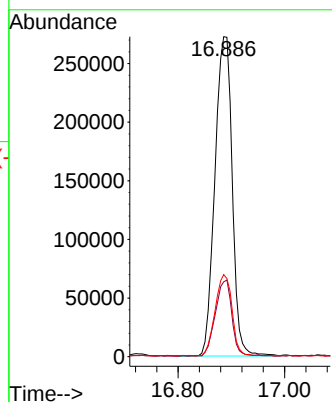
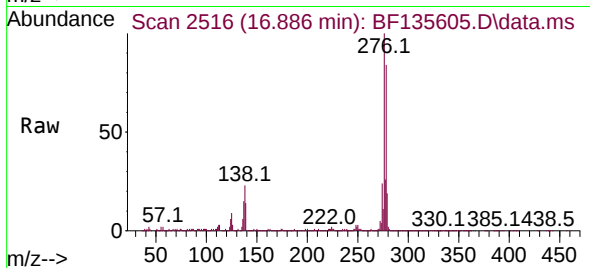
Tgt Ion:276 Resp: 614874

Ion Ratio Lower Upper

276 100

138 22.9 19.2 28.8

277 24.9 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 58.289 ng

RT: 14.974 min Scan# 2191

Delta R.T. 0.012 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

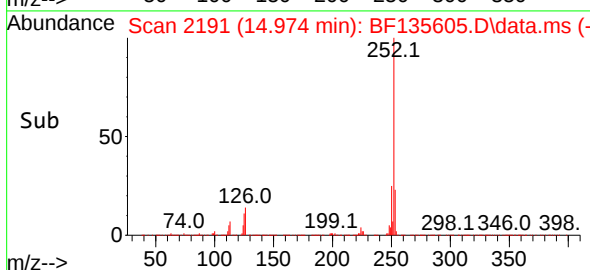
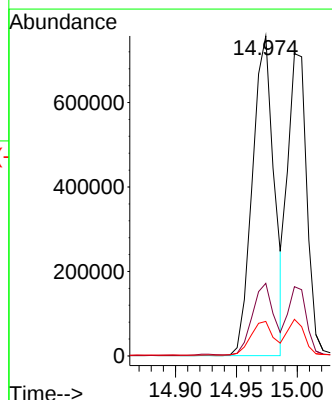
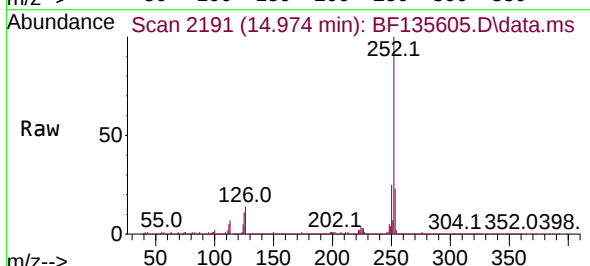
Tgt Ion:252 Resp: 938866

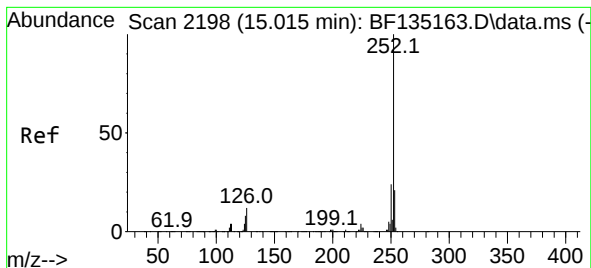
Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 10.8 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 48.778 ng

RT: 14.998 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MS

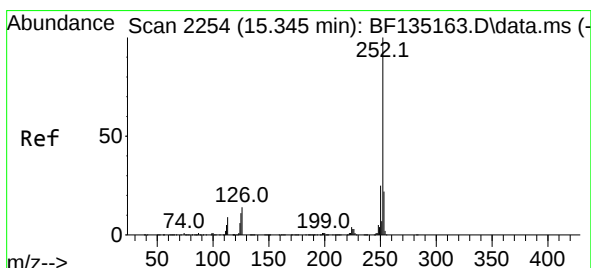
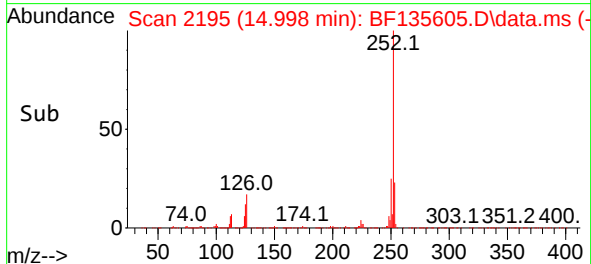
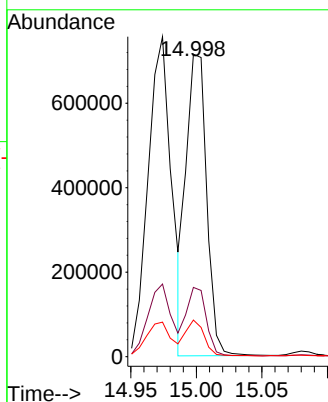
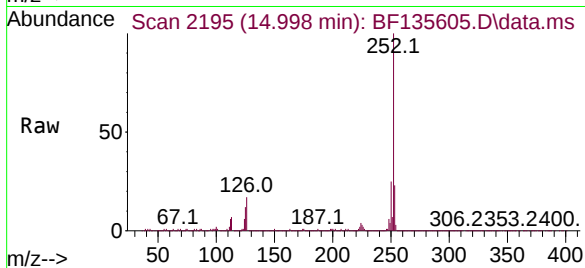
Tgt Ion:252 Resp: 776105

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 12.1 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 50.410 ng

RT: 15.339 min Scan# 2253

Delta R.T. 0.012 min

Lab File: BF135605.D

Acq: 05 Oct 2023 18:07

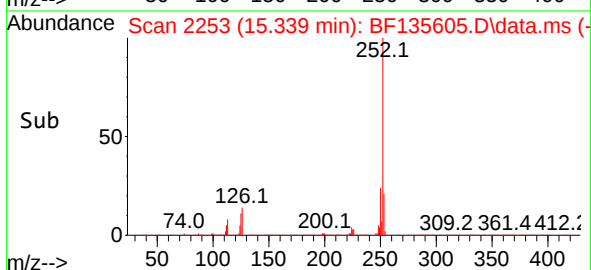
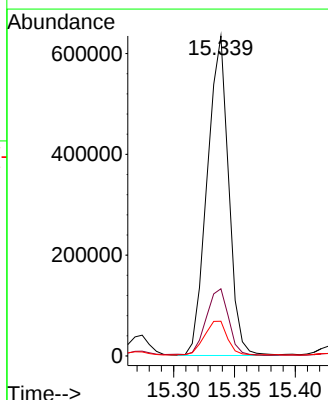
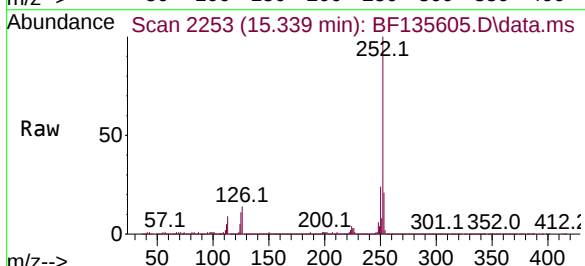
Tgt Ion:252 Resp: 774308

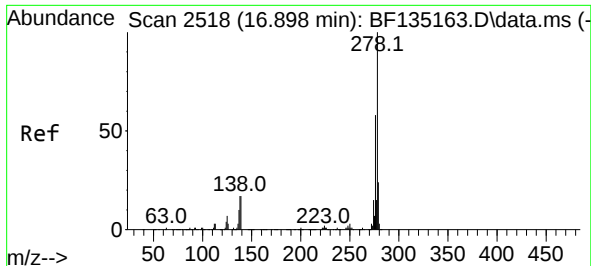
Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

125 10.8 9.2 13.8

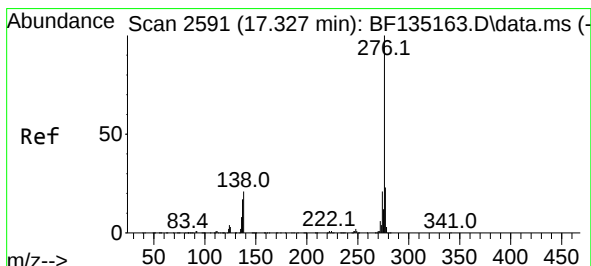
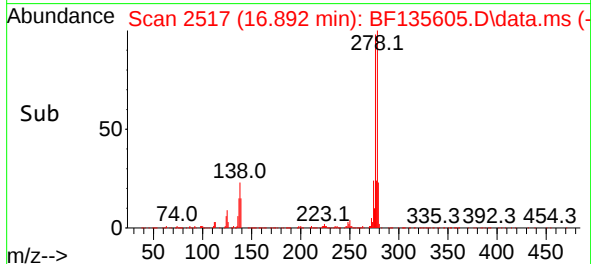
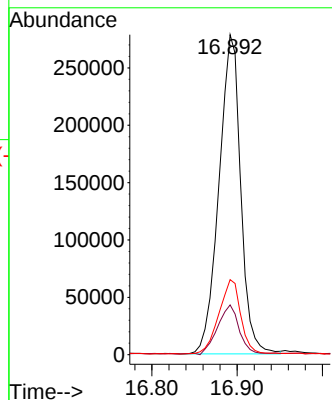
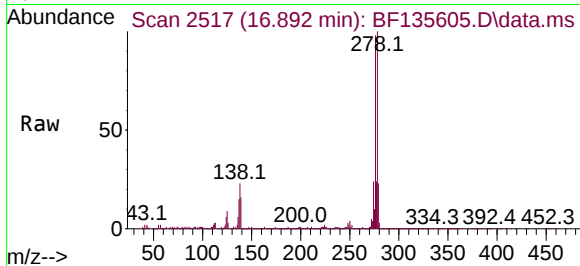




#91
Dibenzo(a,h)anthracene
Concen: 30.898 ng
RT: 16.892 min Scan# 2518
Delta R.T. 0.012 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

Tgt Ion:278 Resp: 493201
Ion Ratio Lower Upper
278 100
139 15.6 13.4 20.0
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 28.745 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.018 min
Lab File: BF135605.D
Acq: 05 Oct 2023 18:07

Tgt Ion:276 Resp: 479193
Ion Ratio Lower Upper
276 100
277 24.4 18.8 28.2
138 20.6 16.9 25.3

