

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135591.D
 Acq On : 05 Oct 2023 02:33
 Operator : CG\JU
 Sample : 04657-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MSD

Quant Time: Oct 05 06:50:51 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	125031	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	468936	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	162939	20.000	ng	0.01
64) Phenanthrene-d10	11.263	188	4507	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	189529	20.000	ng	# 0.02
86) Perylene-d12	15.398	264	288687	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	732343	95.266	ng	0.00
7) Phenol-d6	6.392	99	887166	90.759	ng	0.00
23) Nitrobenzene-d5	7.310	82	552901	64.057	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	119302	73.679	ng	0.02
45) 2-Fluorobiphenyl	9.098	172	865909	80.178	ng	0.00
79) Terphenyl-d14	12.904	244	425340	34.789	ng	0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	141800	42.077	ng	100
3) Pyridine	3.228	79	314502	34.675	ng	98
4) n-Nitrosodimethylamine	3.198	42	214420	44.550	ng	94
6) Aniline	6.410	93	314675	24.549	ng	# 1
8) 2-Chlorophenol	6.534	128	364865	44.461	ng	94
9) Benzaldehyde	6.298	77	74270	13.337	ng	99
10) Phenol	6.410	94	439440	40.998	ng	87
11) bis(2-Chloroethyl)ether	6.481	93	364041	45.278	ng	98
12) 1,3-Dichlorobenzene	6.681	146	359814	43.143	ng	98
13) 1,4-Dichlorobenzene	6.757	146	367661	43.330	ng	99
14) 1,2-Dichlorobenzene	6.904	146	338112	42.909	ng	99
15) Benzyl Alcohol	6.892	79	301088	42.924	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	631566	41.674	ng	58
17) 2-Methylphenol	7.010	107	279643	38.615	ng	# 91
18) Hexachloroethane	7.239	117	139962	44.642	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	241334	39.860	ng	94
20) 3+4-Methylphenols	7.163	107	355026	40.770	ng	# 73
22) Acetophenone	7.151	105	471180	43.949	ng	# 91
24) Nitrobenzene	7.328	77	378420	44.357	ng	99
25) Isophorone	7.563	82	688842	43.462	ng	99
26) 2-Nitrophenol	7.639	139	191599	46.794	ng	94
27) 2,4-Dimethylphenol	7.686	122	262756	38.178	ng	100
28) bis(2-Chloroethoxy)met...	7.775	93	422419	44.529	ng	100
29) 2,4-Dichlorophenol	7.886	162	294756	46.219	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	298051	44.714	ng	100
31) Naphthalene	8.039	128	987506	43.342	ng	99
32) Benzoic acid	7.845	122	229867	44.355	ng	97
33) 4-Chloroaniline	8.104	127	140062	14.011	ng	98
34) Hexachlorobutadiene	8.151	225	176972	44.030	ng	100
35) Caprolactam	8.498	113	93412	43.644	ng	# 74
36) 4-Chloro-3-methylphenol	8.598	107	308064	43.463	ng	100
37) 2-Methylnaphthalene	8.733	142	592144	38.663	ng	99
38) 1-Methylnaphthalene	8.833	142	565187	39.416	ng	97
40) 1,2,4,5-Tetrachloroben...	8.898	216	279436	59.196	ng	98
41) Hexachlorocyclopentadiene	8.880	237	157634	76.175	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	173479	56.129	ng	98

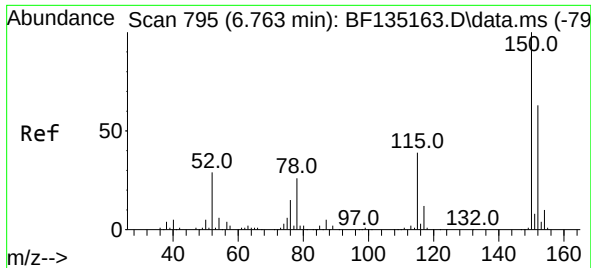
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	186702	52.455	ng	# 92
46) 1,1'-Biphenyl	9.198	154	695166	55.517	ng	99
47) 2-Chloronaphthalene	9.227	162	495261	54.513	ng	98
48) 2-Nitroaniline	9.333	65	210262	59.572	ng	97
49) Acenaphthylene	9.645	152	743968	49.273	ng	97
50) Dimethylphthalate	9.510	163	555686	50.442	ng	# 98
51) 2,6-Dinitrotoluene	9.580	165	127711	52.919	ng	85
52) Acenaphthene	9.816	154	397243	44.536	ng	98
53) 3-Nitroaniline	9.751	138	91833	32.417	ng	# 86
54) 2,4-Dinitrophenol	9.874	184	97644	71.953	ng	87
55) Dibenzofuran	9.998	168	563168	41.376	ng	94
56) 4-Nitrophenol	9.939	139	140268	77.909	ng	# 64
57) 2,4-Dinitrotoluene	9.992	165	138126	45.718	ng	# 94
58) Fluorene	10.345	166	369487	35.311	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.127	232	93118	34.010	ng	# 91
60) Diethylphthalate	10.216	149	443864	40.147	ng	96
61) 4-Chlorophenyl-phenylether	10.333	204	176992	35.212	ng	# 88
62) 4-Nitroaniline	10.369	138	75413	27.694	ng	84
63) Azobenzene	10.498	77	362748	33.525	ng	92
65) 4,6-Dinitro-2-methylph...	10.410	198	46893	1958.927	ng	# 1
66) n-Nitrosodiphenylamine	10.457	169	330073	2419.041	ng	97
67) 4-Bromophenyl-phenylether	10.833	248	81320	1814.150	ng	# 75
68) Hexachlorobenzene	10.916	284	87230	1910.139	ng	# 60
69) Atrazine	11.016	200	77603	2113.701	ng	# 61
70) Pentachlorophenol	11.121	266	57081	2089.164	ng	96
71) Phenanthrene	11.286	178	16840	79.001	ng	# 1
72) Anthracene	11.333	178	294198	1342.712	ng	# 78
73) Carbazole	11.545	167	257711	1292.055	ng	# 81
74) Di-n-butylphthalate	11.792	149	12593	53.580	ng	# 11
75) Fluoranthene	12.545	202	342227	1540.783	ng	95
77) Benzidine	12.663	184	31680	8.159	ng	# 1
78) Pyrene	12.768	202	391718	21.708	ng	96
80) Butylbenzylphthalate	13.362	149	217222	34.191	ng	# 86
81) Benzo(a)anthracene	13.945	228	569094	46.501	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	79060	20.682	ng	# 95
83) Chrysene	13.980	228	530291	43.582	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	400220	61.388	ng	99
85) Di-n-octyl phthalate	14.527	149	773798	74.686	ng	94
87) Indeno(1,2,3-cd)pyrene	16.892	276	866267	45.766	ng	99
88) Benzo(b)fluoranthene	15.009	252	628098	40.191	ng	99
89) Benzo(k)fluoranthene	15.009	252	628098	40.687	ng	99
90) Benzo(a)pyrene	15.339	252	618305	41.488	ng	100
91) Dibenzo(a,h)anthracene	16.892	278	703549	45.427	ng	99
92) Benzo(g,h,i)perylene	17.333	276	742254	45.890	ng	97

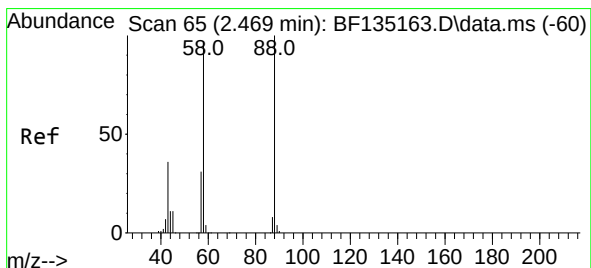
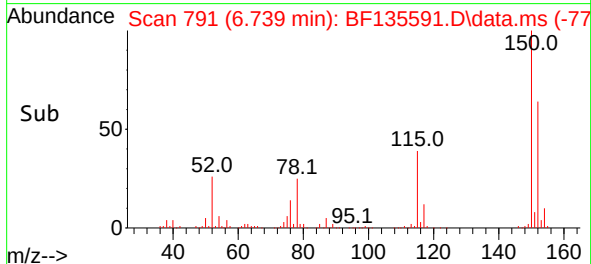
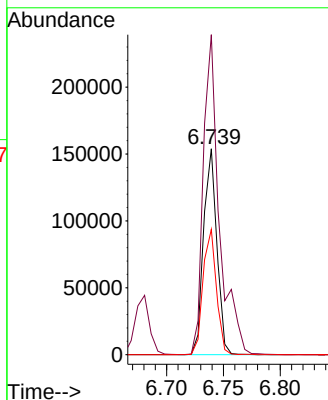
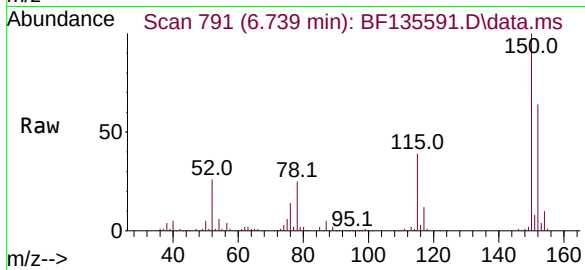
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135591.D
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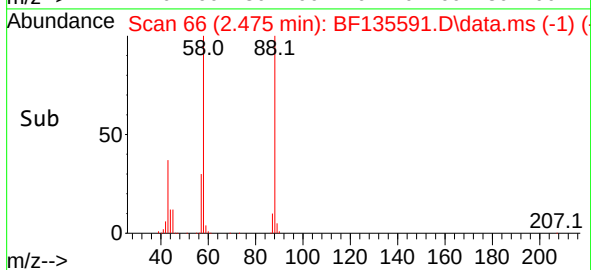
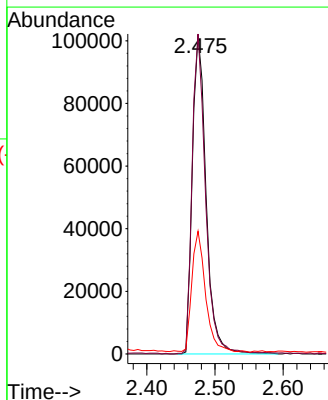
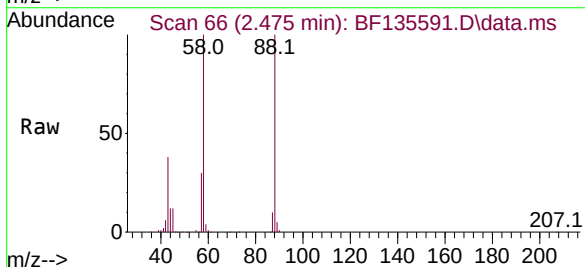
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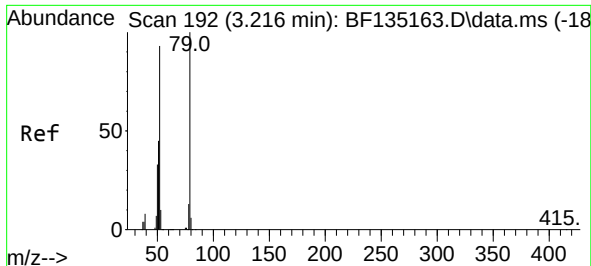
Tgt Ion:152 Resp: 125031
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.8 191.6
 115 60.9 49.8 74.8



#2
 1,4-Dioxane
 Concen: 42.077 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.053 min
 Lab File: BF135591.D
 Acq: 05 Oct 2023 02:33

Tgt Ion: 88 Resp: 141800
 Ion Ratio Lower Upper
 88 100
 58 97.9 78.3 117.5
 43 37.1 29.4 44.0

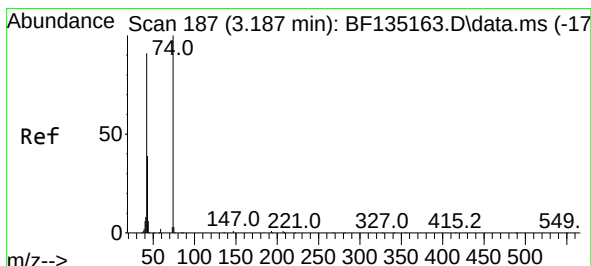
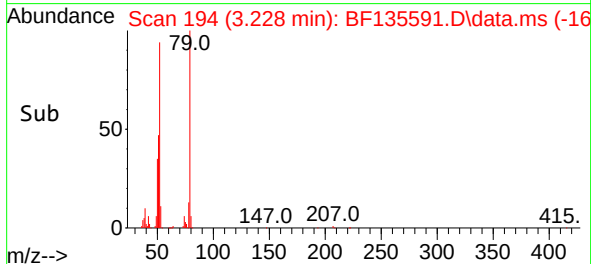
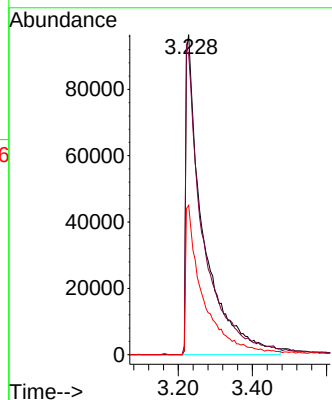
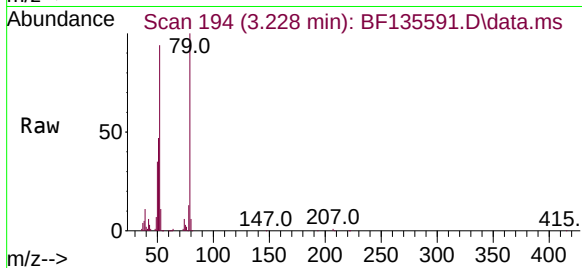




#3
 Pyridine
 Concen: 34.675 ng
 RT: 3.228 min Scan# 19
 Delta R.T. 0.065 min
 Lab File: BF135591.D
 Acq: 05 Oct 2023 02:33

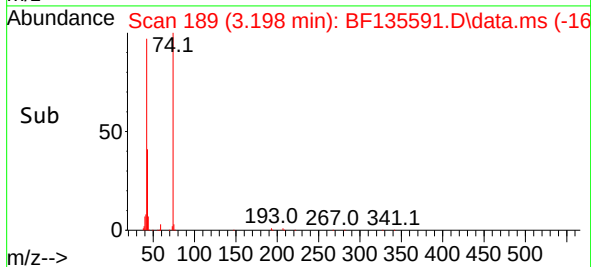
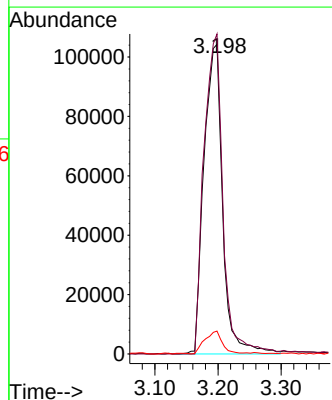
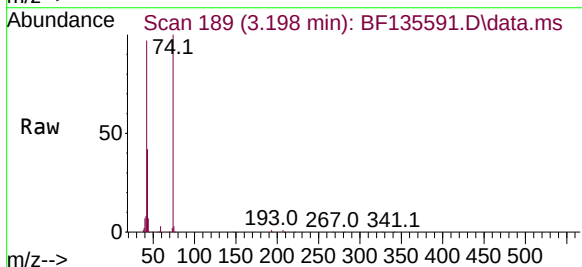
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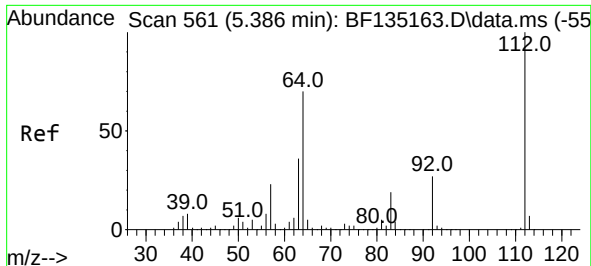
Tgt Ion: 79 Resp: 314502
 Ion Ratio Lower Upper
 79 100
 52 93.8 74.1 111.1
 51 46.7 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 44.550 ng
 RT: 3.198 min Scan# 189
 Delta R.T. 0.065 min
 Lab File: BF135591.D
 Acq: 05 Oct 2023 02:33

Tgt Ion: 42 Resp: 214420
 Ion Ratio Lower Upper
 42 100
 74 103.3 87.7 131.5
 44 7.4 5.6 8.4

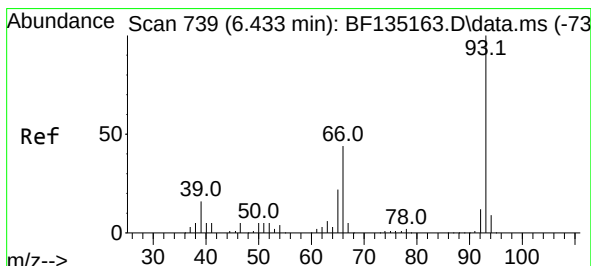
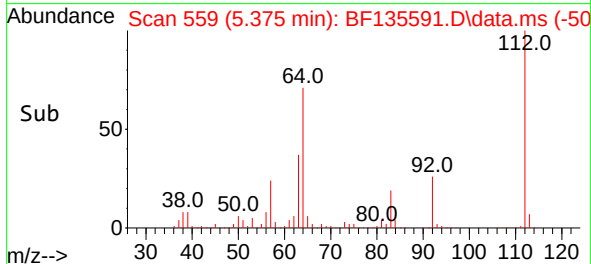
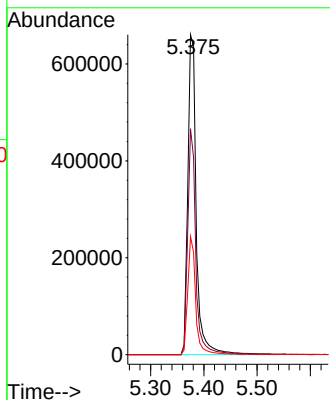
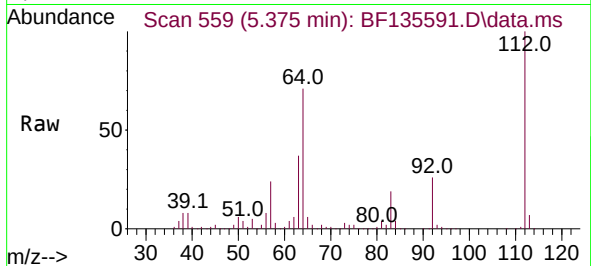




#5
2-Fluorophenol
Concen: 95.266 ng
RT: 5.375 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

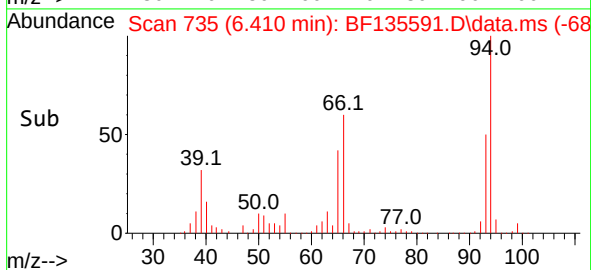
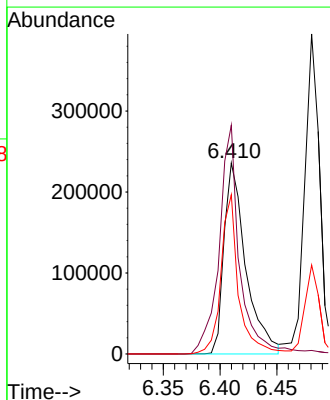
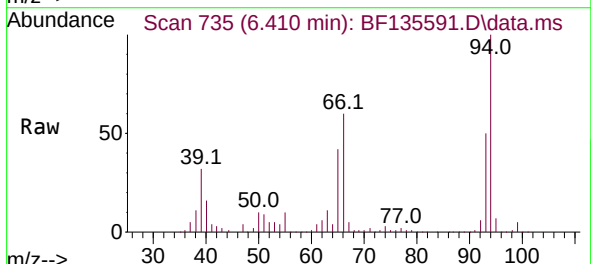
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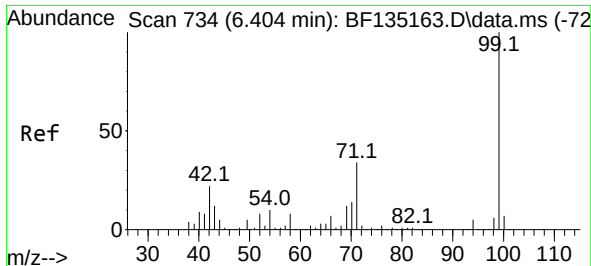
Tgt Ion:112 Resp: 732343
Ion Ratio Lower Upper
112 100
64 70.6 55.9 83.9
63 36.9 29.0 43.6



#6
Aniline
Concen: 24.549 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion: 93 Resp: 314675
Ion Ratio Lower Upper
93 100
66 119.8 35.4 53.0#
65 83.3 17.8 26.8#





#7

Phenol-d6

Concen: 90.759 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

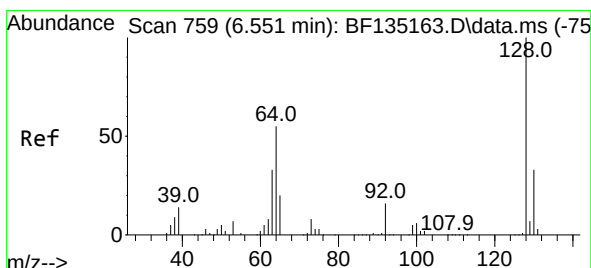
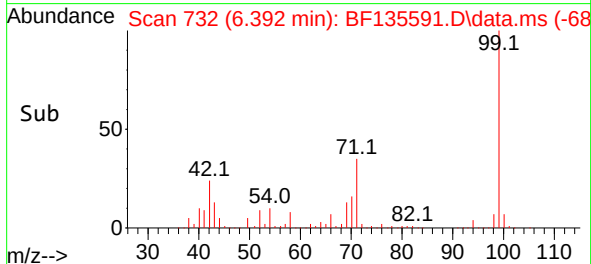
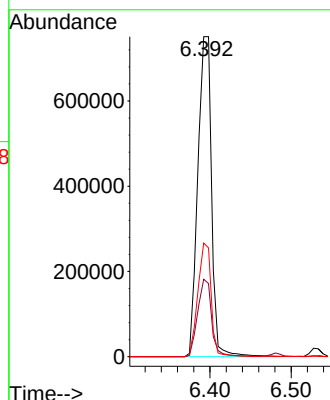
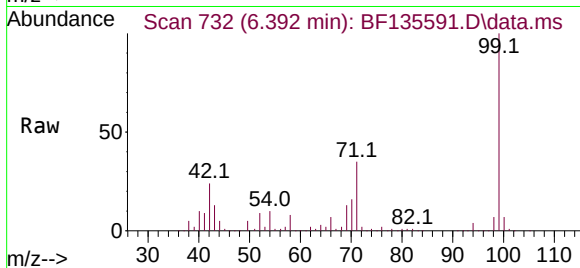
Tgt Ion: 99 Resp: 887166

Ion Ratio Lower Upper

99 100

42 24.2 17.9 26.9

71 35.5 27.0 40.6



#8

2-Chlorophenol

Concen: 44.461 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

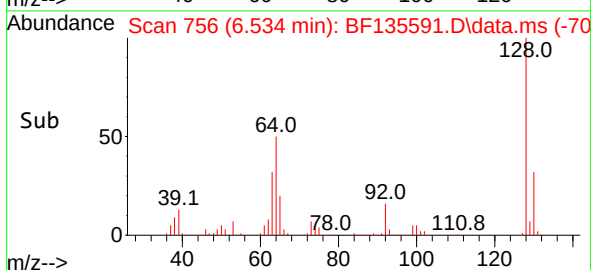
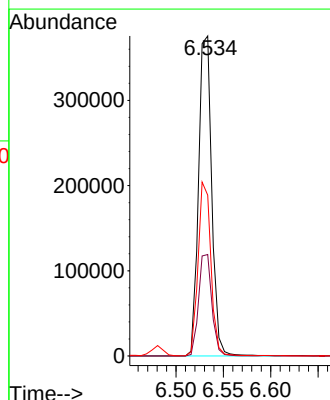
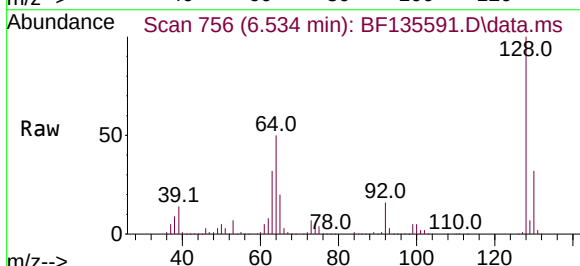
Tgt Ion:128 Resp: 364865

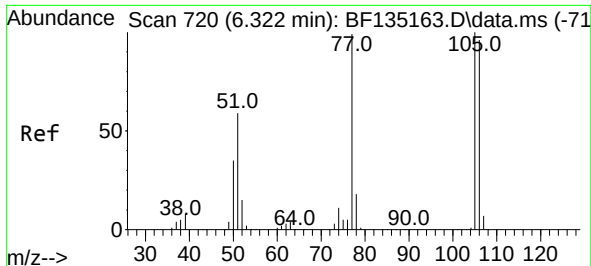
Ion Ratio Lower Upper

128 100

130 31.7 12.7 52.7

64 50.2 35.9 75.9

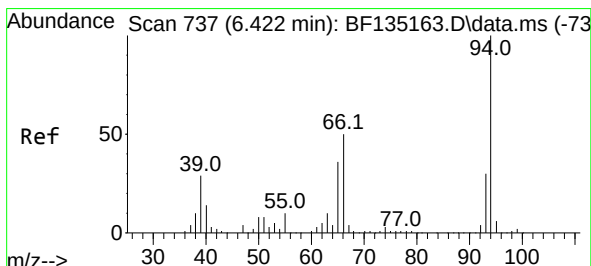
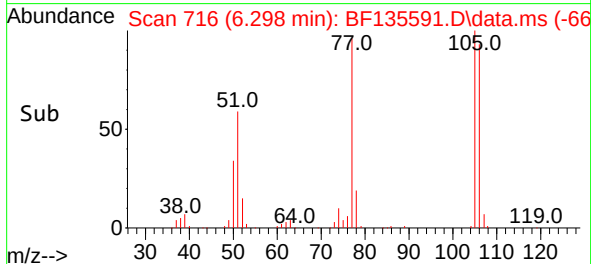
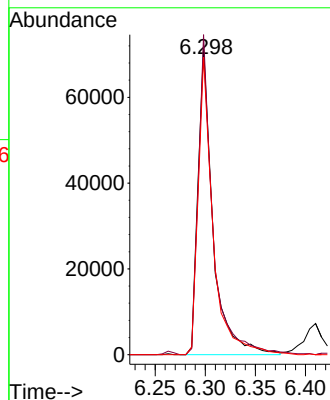
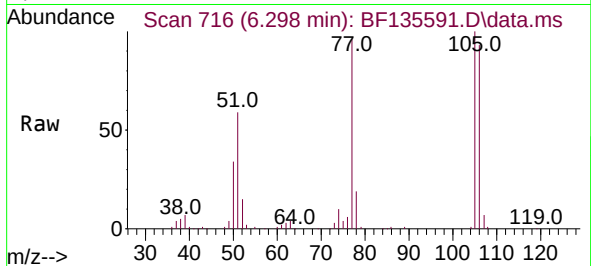




#9
Benzaldehyde
Concen: 13.337 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

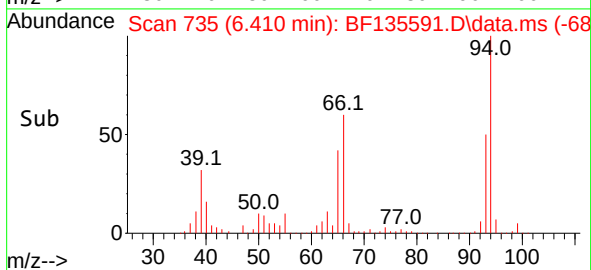
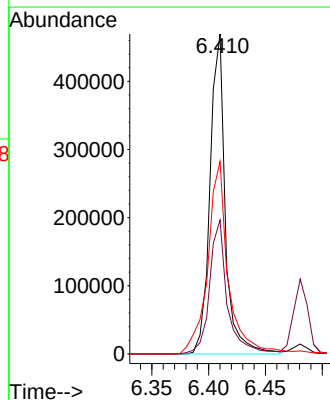
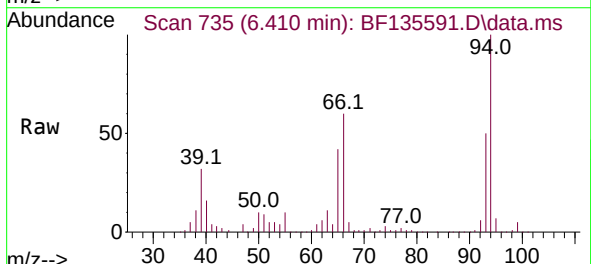
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BNA_F
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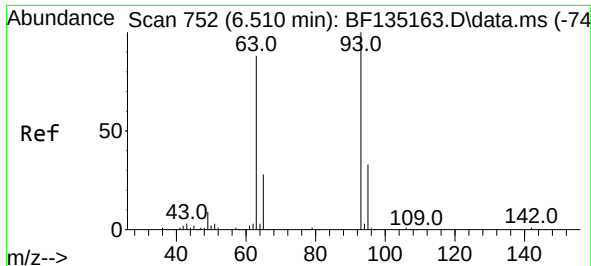
Tgt Ion: 77 Resp: 74270
Ion Ratio Lower Upper
77 100
105 103.8 81.4 121.4
106 96.5 76.9 116.9



#10
Phenol
Concen: 40.998 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion: 94 Resp: 439440
Ion Ratio Lower Upper
94 100
65 41.9 15.9 55.9
66 60.2 29.8 69.8

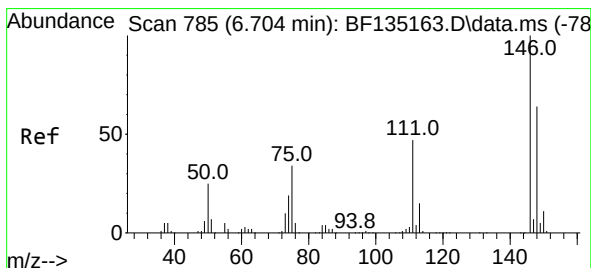
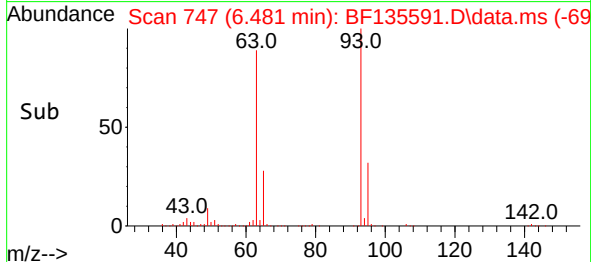
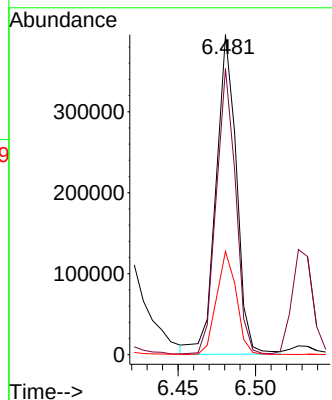
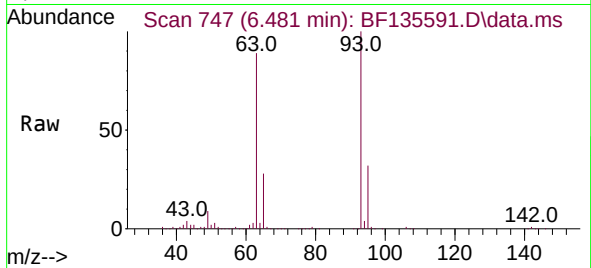




#11
bis(2-Chloroethyl)ether
Concen: 45.278 ng
RT: 6.481 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

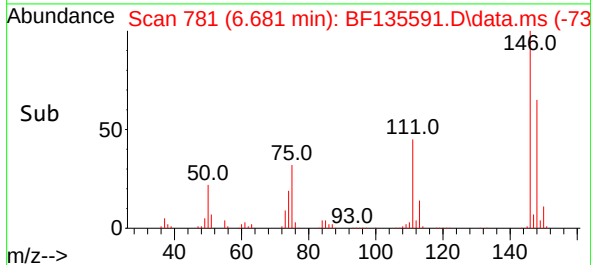
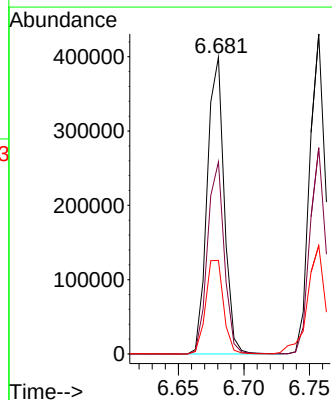
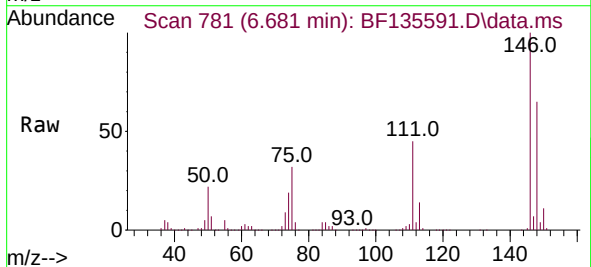
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

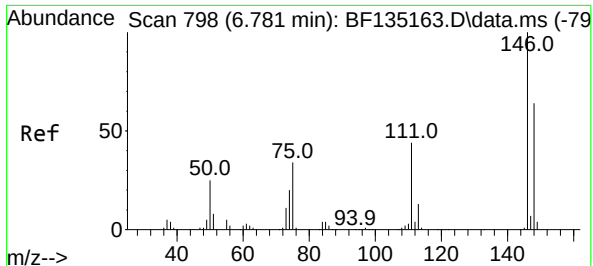
Tgt Ion: 93 Resp: 364041
Ion Ratio Lower Upper
93 100
63 89.4 67.3 107.3
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.143 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:146 Resp: 359814
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
75 31.5 27.4 41.2

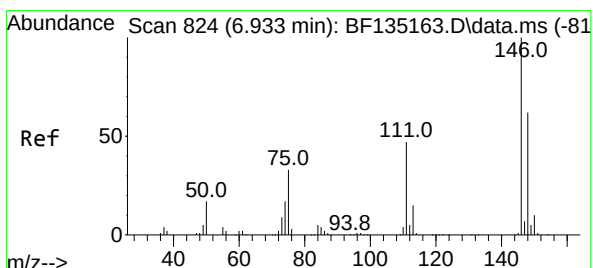
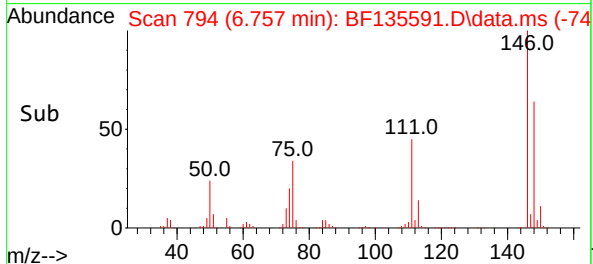
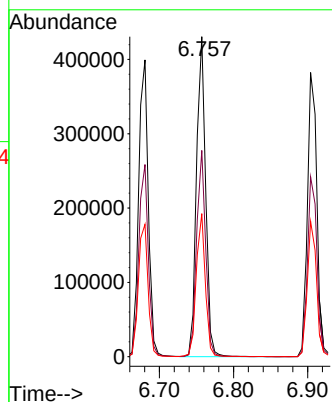
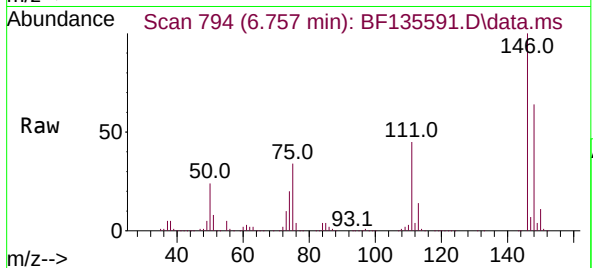




#13
1,4-Dichlorobenzene
Concen: 43.330 ng
RT: 6.757 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

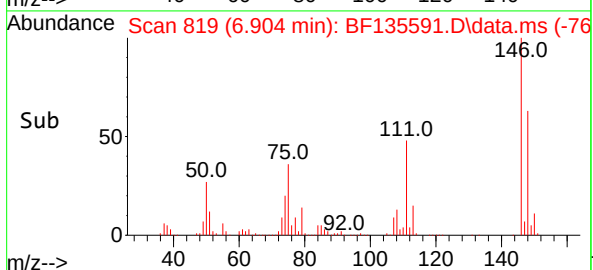
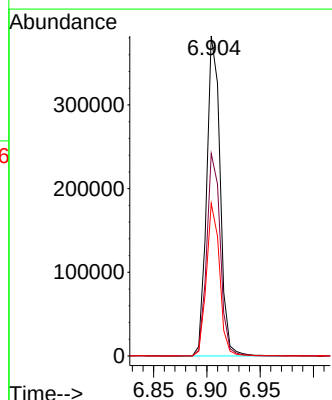
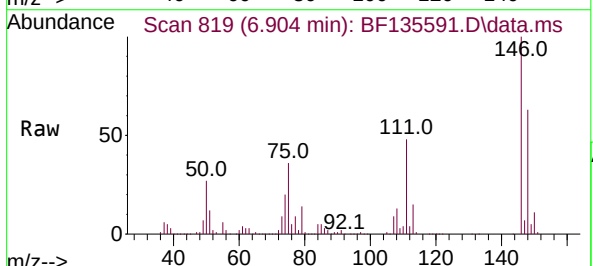
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

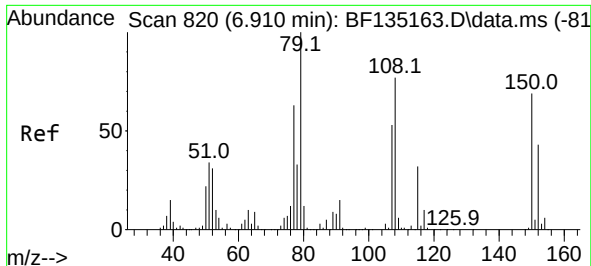
Tgt Ion:146 Resp: 367661
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
111 44.7 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 42.909 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:146 Resp: 338112
Ion Ratio Lower Upper
146 100
148 63.3 49.7 74.5
111 47.6 37.4 56.2

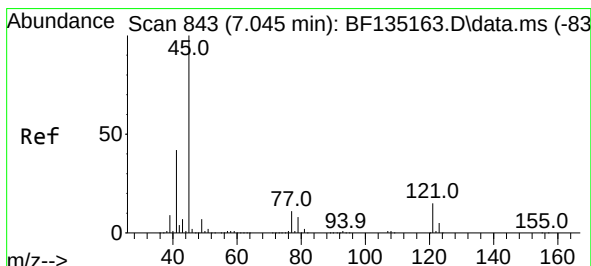
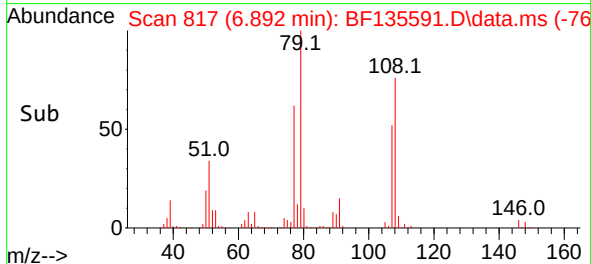
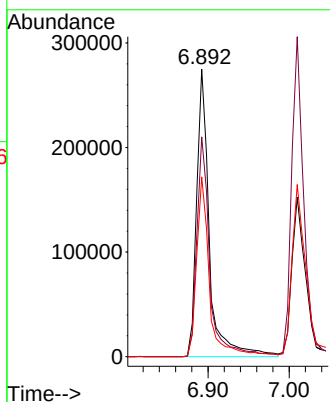
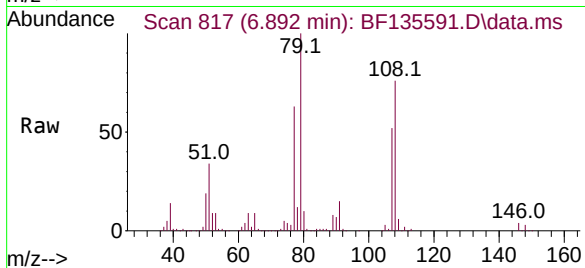




#15
Benzyl Alcohol
Concen: 42.924 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

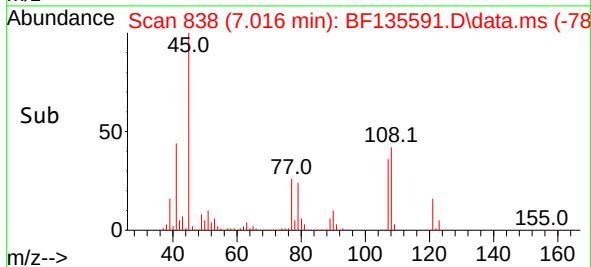
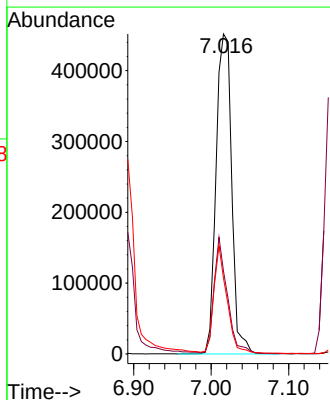
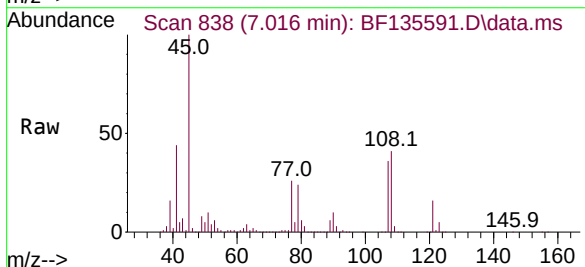
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

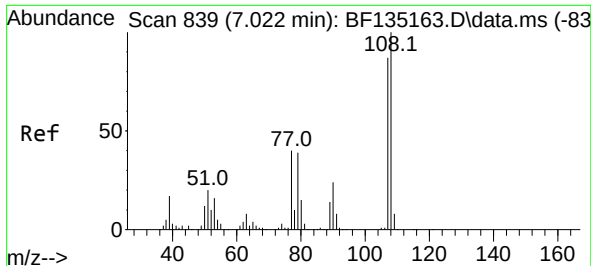
Tgt Ion: 79 Resp: 301088
Ion Ratio Lower Upper
79 100
108 76.5 61.2 91.8
77 62.5 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.674 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion: 45 Resp: 631566
Ion Ratio Lower Upper
45 100
77 25.9 0.0 30.6
79 23.7 0.0 28.3

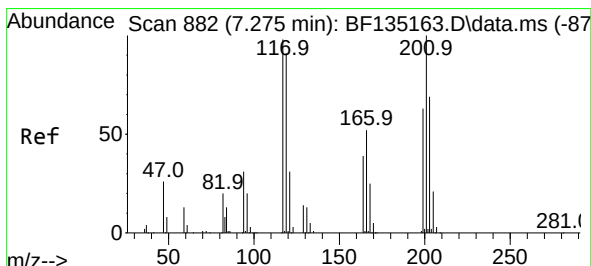
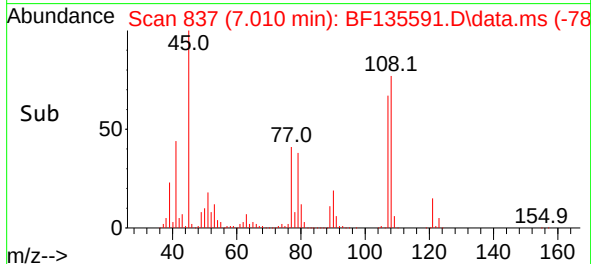
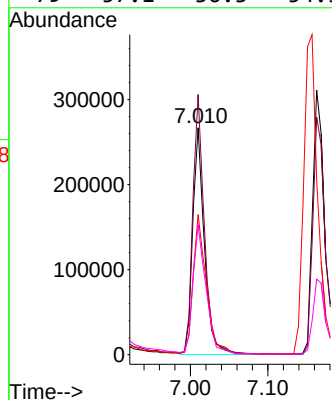
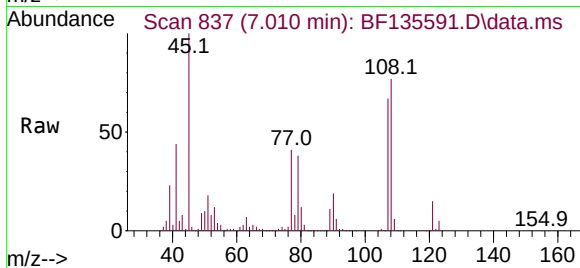




#17
2-Methylphenol
Concen: 38.615 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

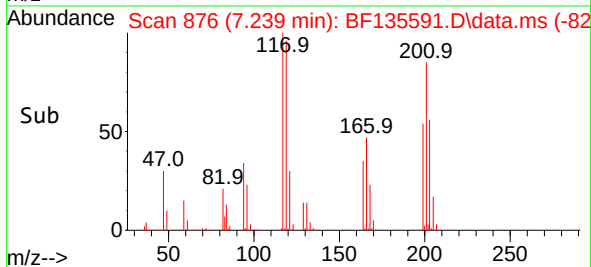
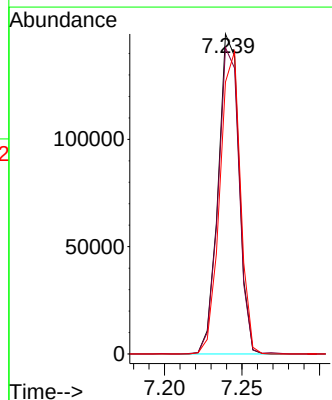
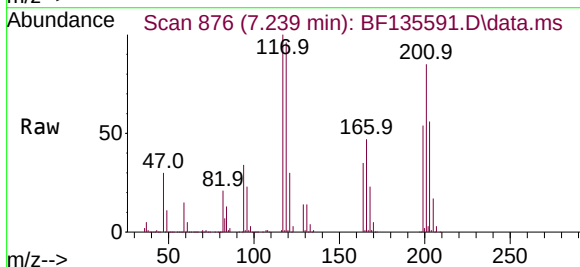
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

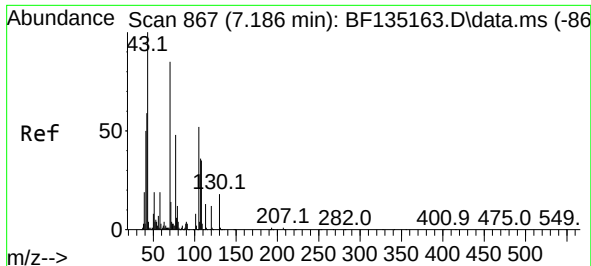
Tgt Ion:107 Resp: 279643
Ion Ratio Lower Upper
107 100
108 114.6 92.0 138.0
77 61.7 36.7 55.1#
79 57.1 36.3 54.5#



#18
Hexachloroethane
Concen: 44.642 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:117 Resp: 139962
Ion Ratio Lower Upper
117 100
119 95.7 74.7 112.1
201 85.0 81.8 122.8

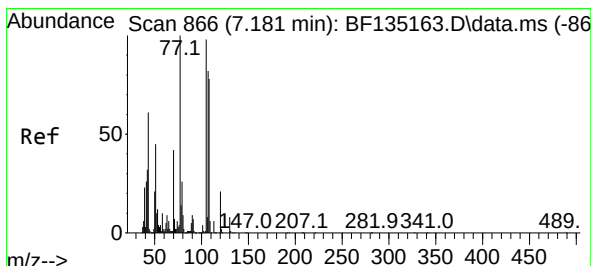
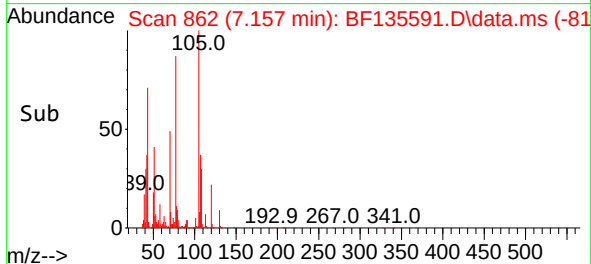
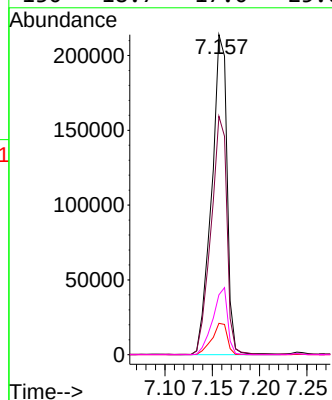
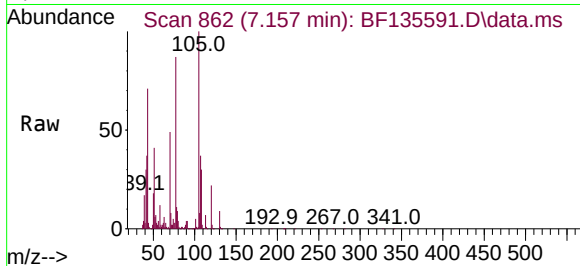




#19
n-Nitroso-di-n-propylamine
Concen: 39.860 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

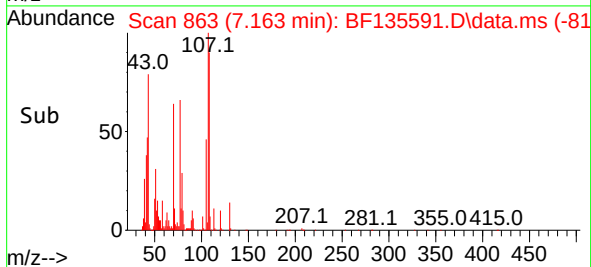
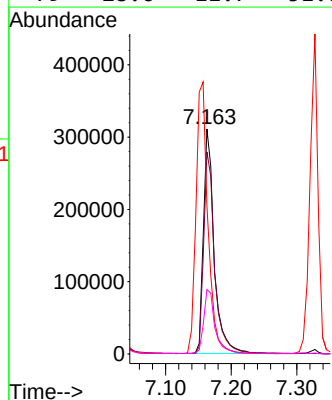
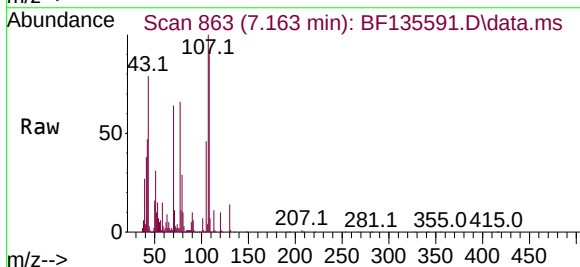
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

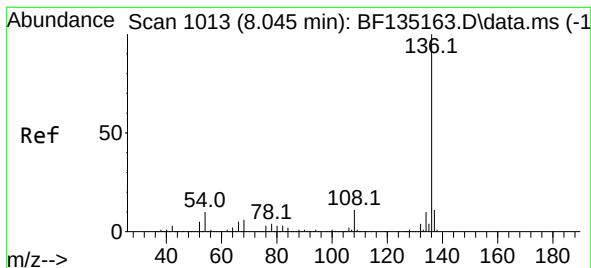
Tgt Ion: 70 Resp: 241334
Ion Ratio Lower Upper
70 100
42 74.5 55.4 83.0
101 9.8 7.7 11.5
130 18.7 17.0 25.6



#20
3+4-Methylphenols
Concen: 40.770 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion: 107 Resp: 355026
Ion Ratio Lower Upper
107 100
108 89.8 74.7 114.7
77 65.8 102.0 142.0#
79 28.6 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

Tgt Ion:136 Resp: 468936

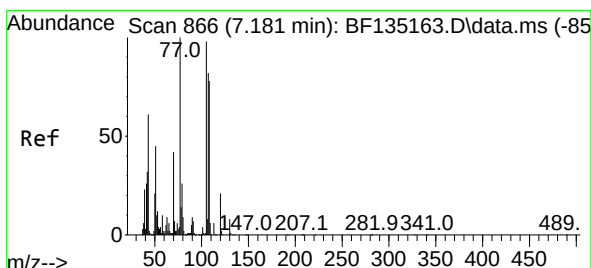
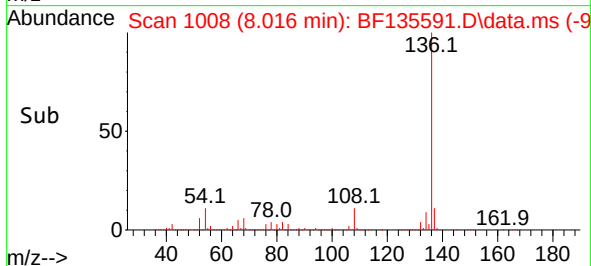
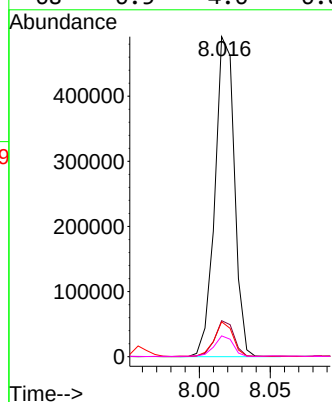
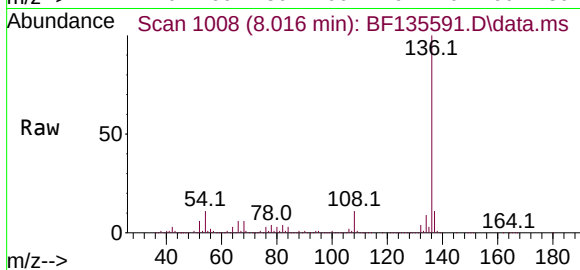
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.9 7.7 11.5

68 6.5 4.6 6.8



#22

Acetophenone

Concen: 43.949 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Tgt Ion:105 Resp: 471180

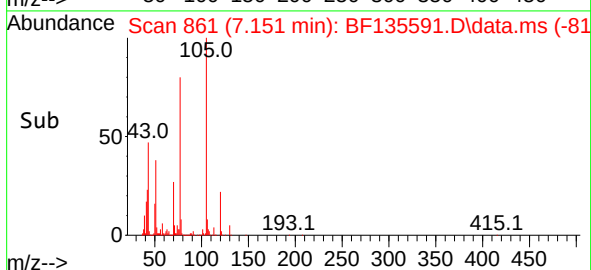
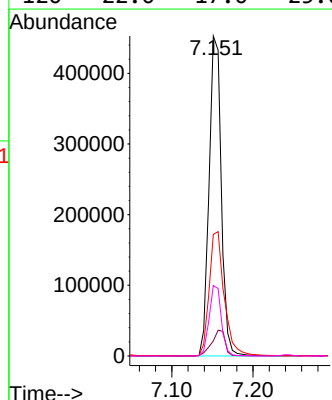
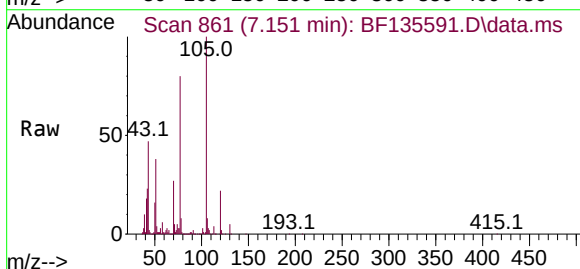
Ion Ratio Lower Upper

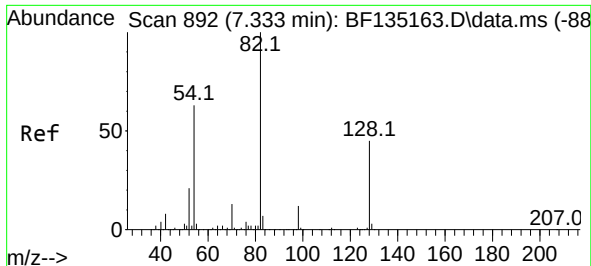
105 100

71 4.7 5.8 8.6#

51 38.0 37.0 55.4

120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 64.057 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

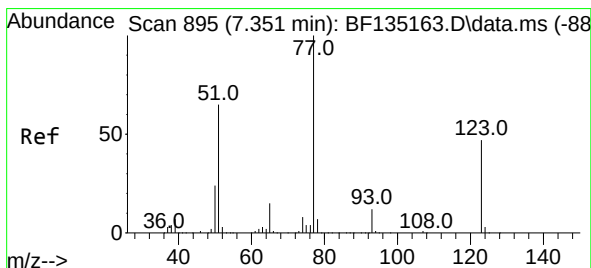
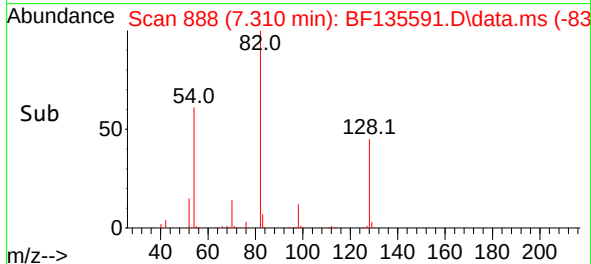
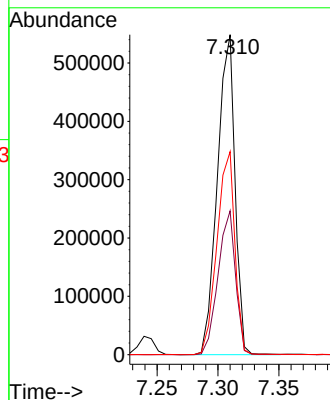
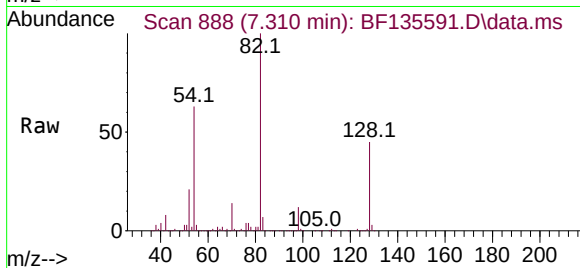
Tgt Ion: 82 Resp: 552901

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

54 63.5 50.6 76.0



#24

Nitrobenzene

Concen: 44.357 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

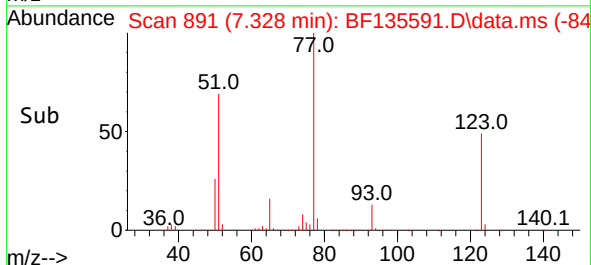
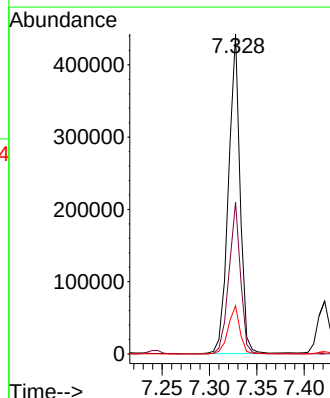
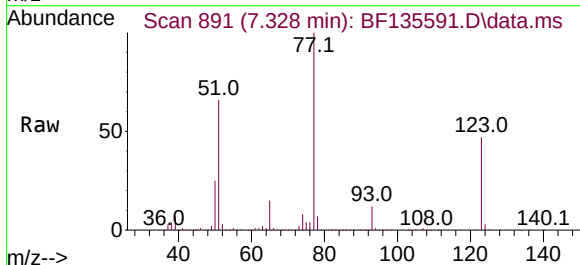
Tgt Ion: 77 Resp: 378420

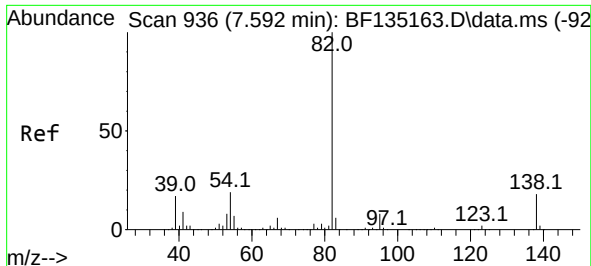
Ion Ratio Lower Upper

77 100

123 47.5 37.6 56.4

65 15.1 12.2 18.4

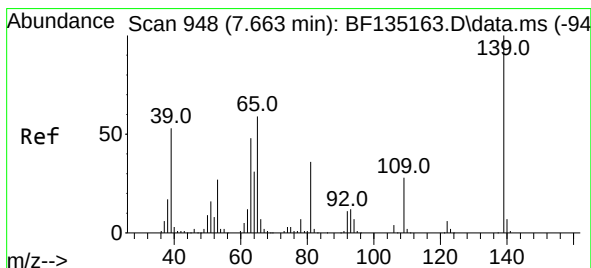
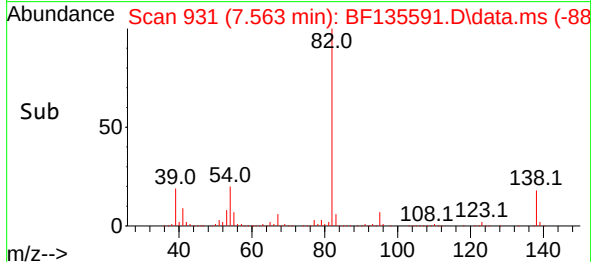
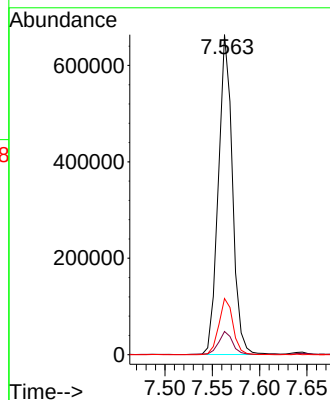
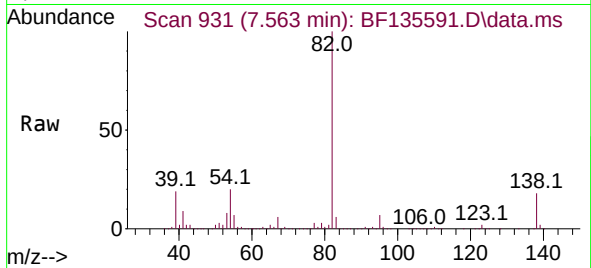




#25
Isophorone
Concen: 43.462 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

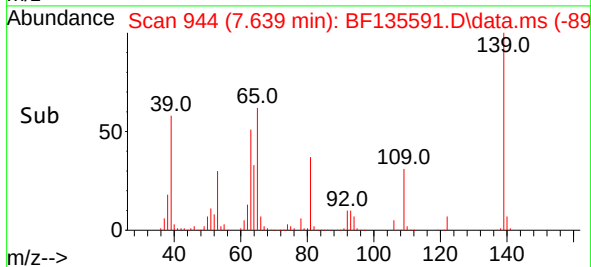
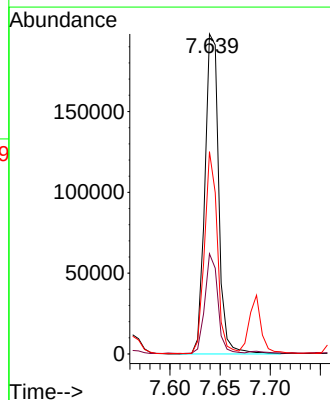
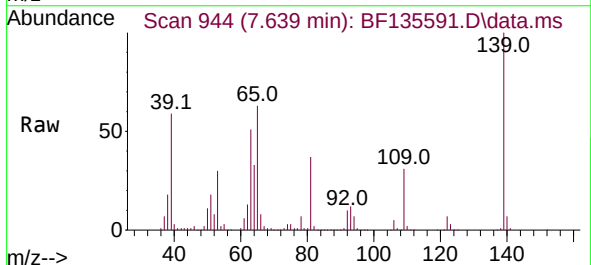
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

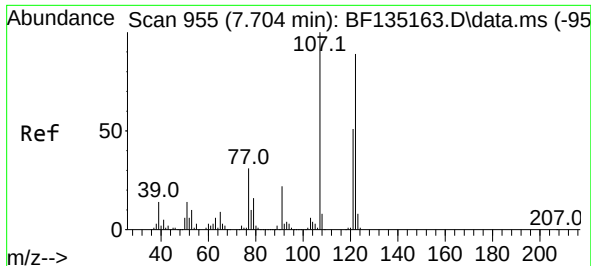
Tgt Ion: 82 Resp: 688842
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 46.794 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:139 Resp: 191599
Ion Ratio Lower Upper
139 100
109 31.3 22.6 33.8
65 63.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 38.178 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

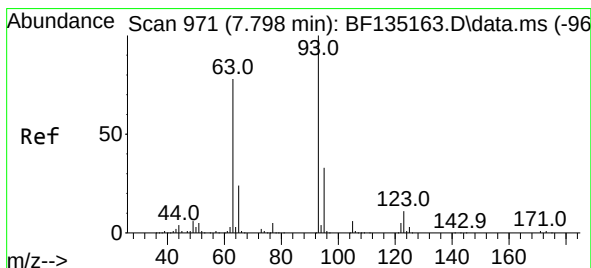
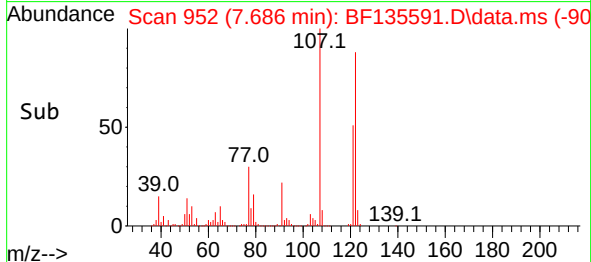
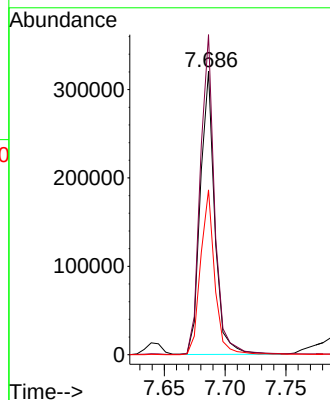
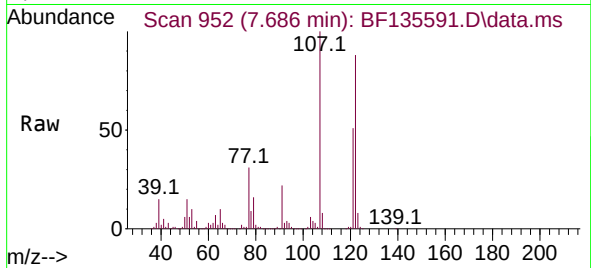
Tgt Ion:122 Resp: 262756

Ion Ratio Lower Upper

122 100

107 113.0 90.2 135.4

121 58.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.529 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

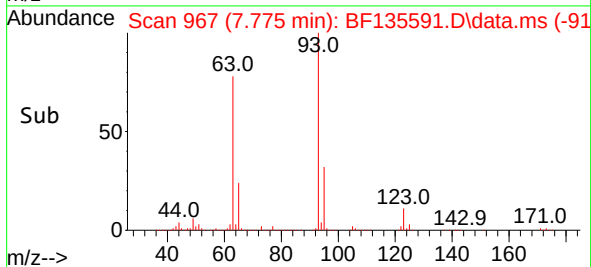
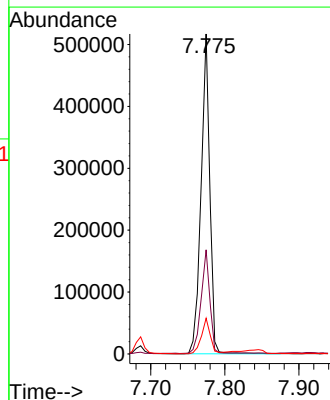
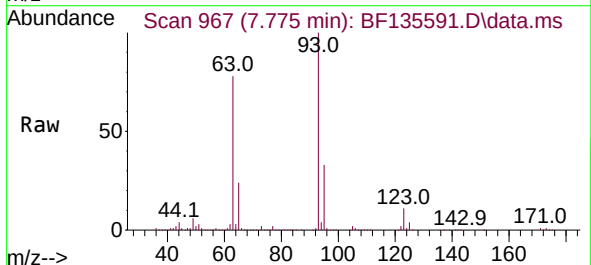
Tgt Ion: 93 Resp: 422419

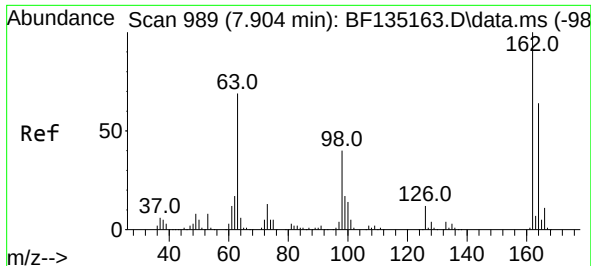
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

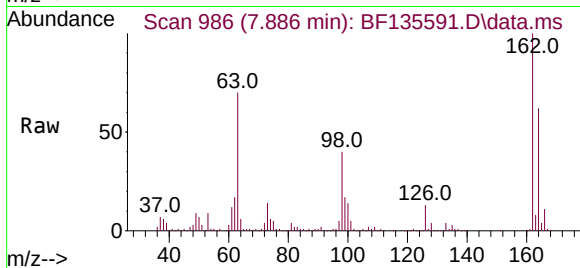
123 11.1 8.8 13.2



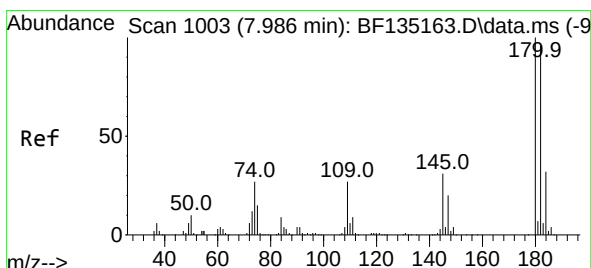
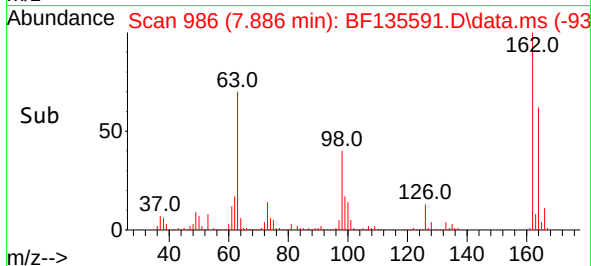
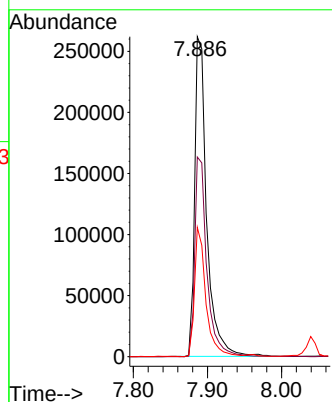


#29
2,4-Dichlorophenol
Concen: 46.219 ng
RT: 7.886 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

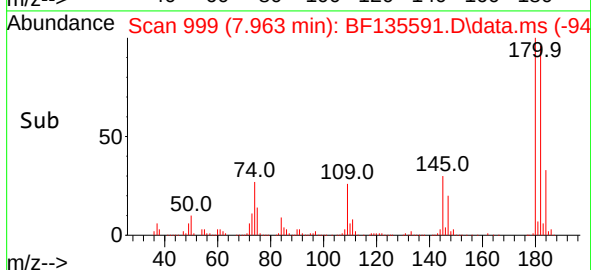
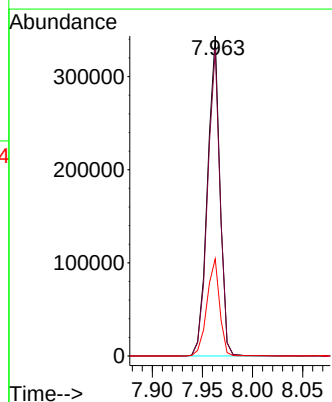
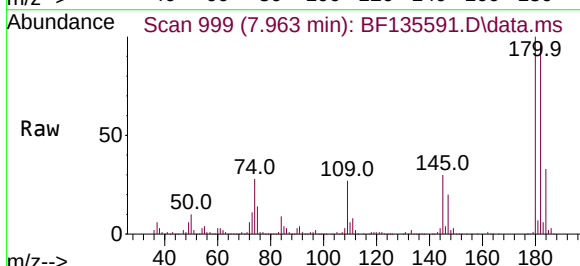


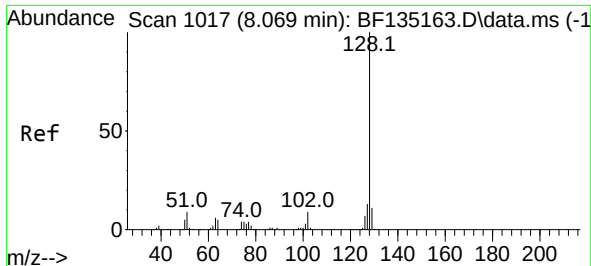
Tgt Ion:162 Resp: 294756
Ion Ratio Lower Upper
162 100
164 62.4 44.1 84.1
98 40.4 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 44.714 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:180 Resp: 298051
Ion Ratio Lower Upper
180 100
182 95.8 76.9 115.3
145 30.3 24.5 36.7

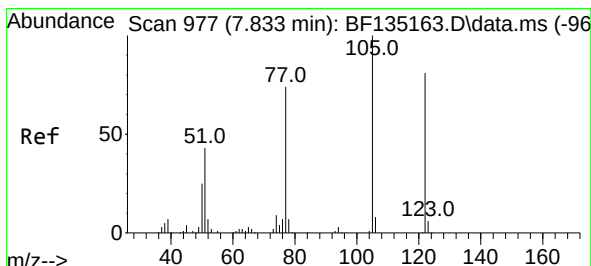
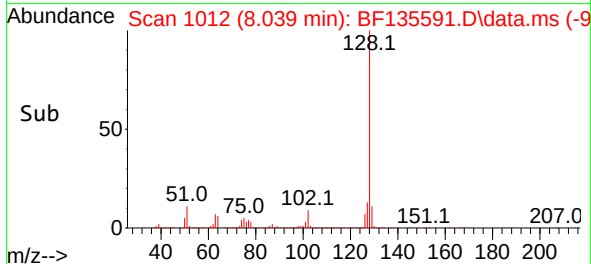
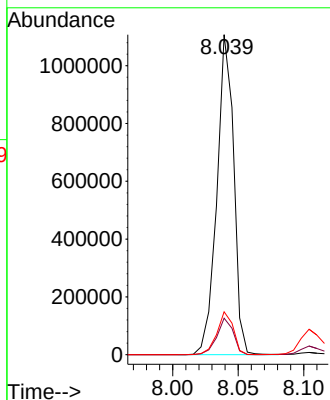
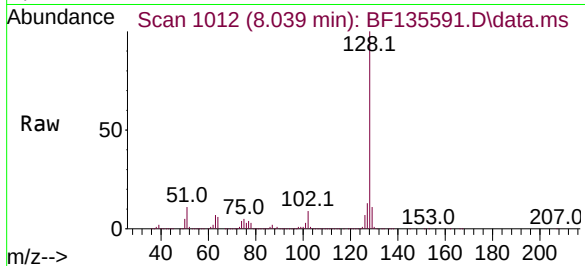




#31
Naphthalene
Concen: 43.342 ng
RT: 8.039 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

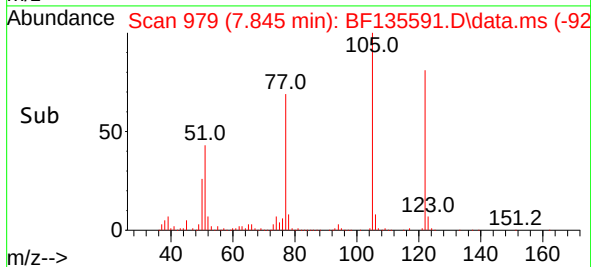
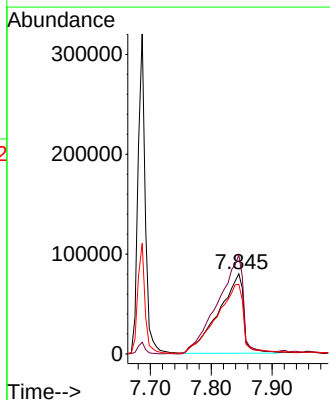
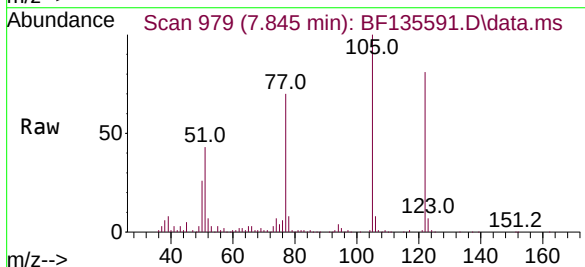
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

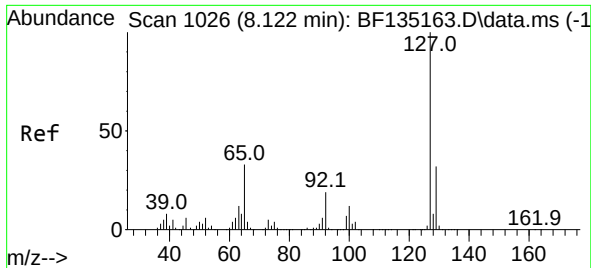
Tgt Ion:128 Resp: 987506
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 44.355 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.023 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:122 Resp: 229867
Ion Ratio Lower Upper
122 100
105 123.5 99.9 139.9
77 86.8 70.0 110.0

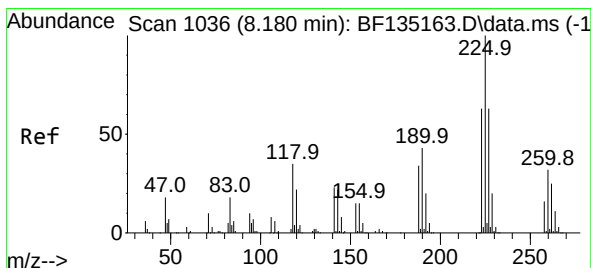
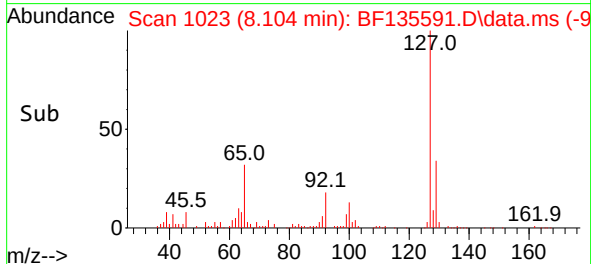
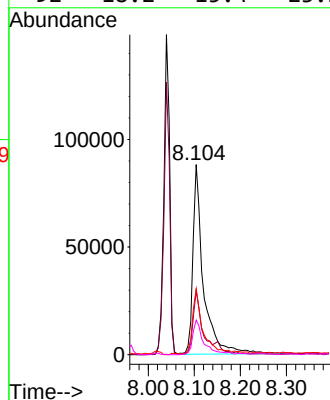
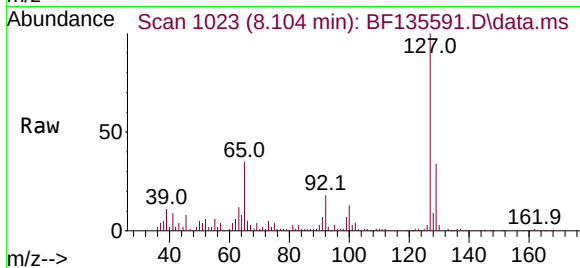




#33
4-Chloroaniline
Concen: 14.011 ng
RT: 8.104 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

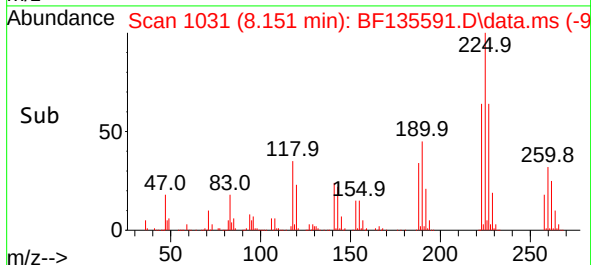
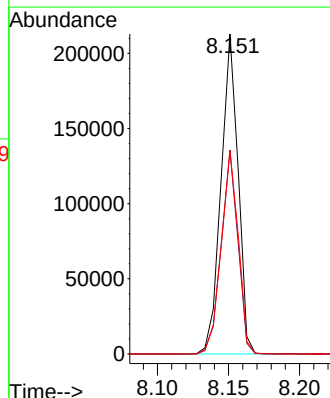
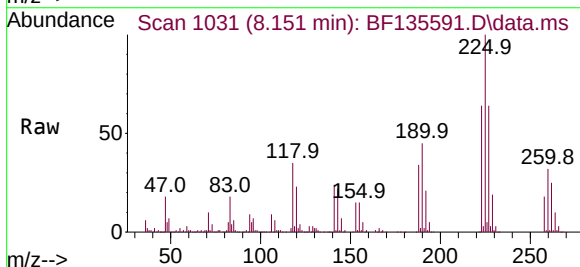
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

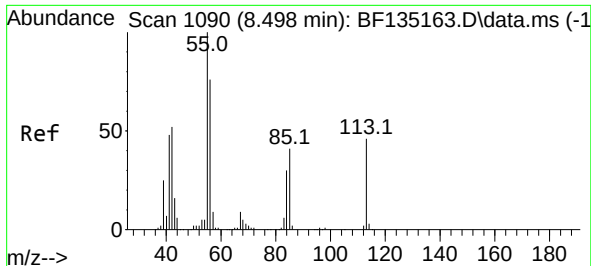
Tgt Ion:	127	Resp:	140062
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.8	38.8
65	34.7	26.6	39.8
92	18.2	15.4	23.2



#34
Hexachlorobutadiene
Concen: 44.030 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:	225	Resp:	176972
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	63.7	50.8	76.2

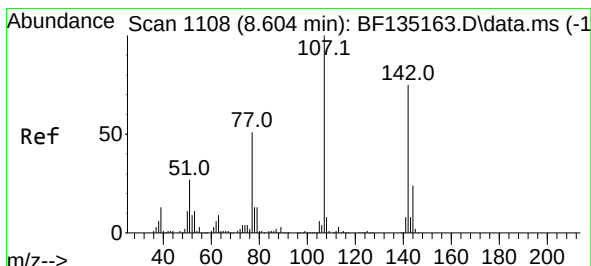
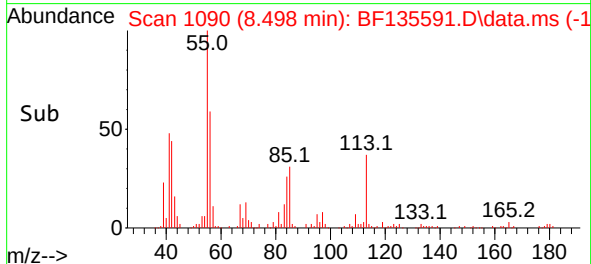
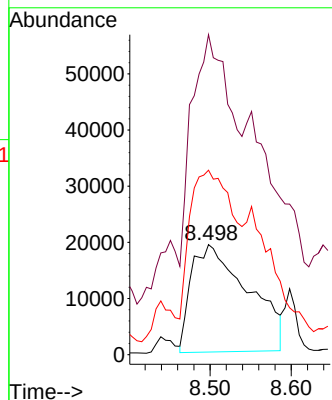
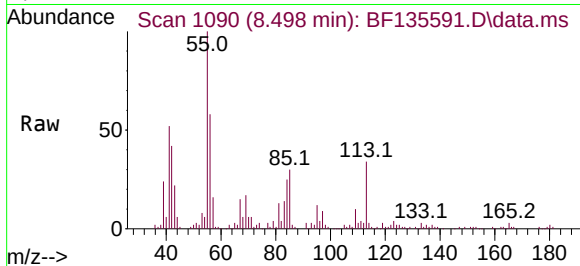




#35
 Caprolactam
 Concen: 43.644 ng
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.029 min
 Lab File: BF135591.D
 Acq: 05 Oct 2023 02:33

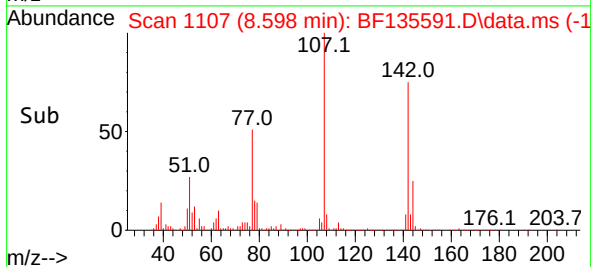
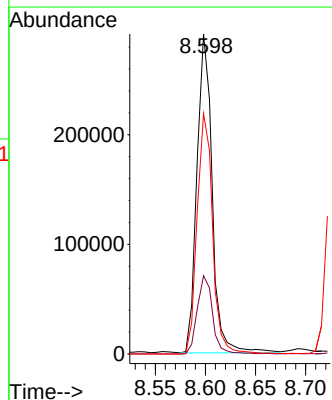
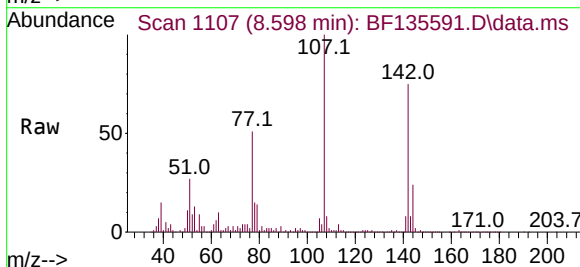
Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MSD

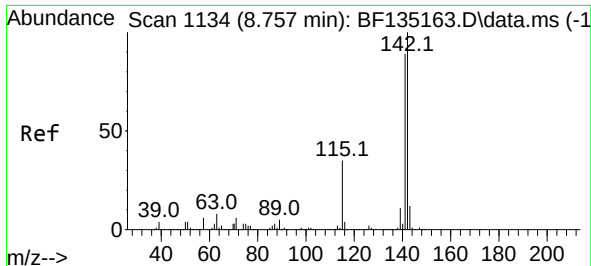
Tgt Ion:113 Resp: 93412
 Ion Ratio Lower Upper
 113 100
 55 290.8 199.3 239.3#
 56 167.6 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.463 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.012 min
 Lab File: BF135591.D
 Acq: 05 Oct 2023 02:33

Tgt Ion:107 Resp: 308064
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.0 28.4
 142 75.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.663 ng

RT: 8.733 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

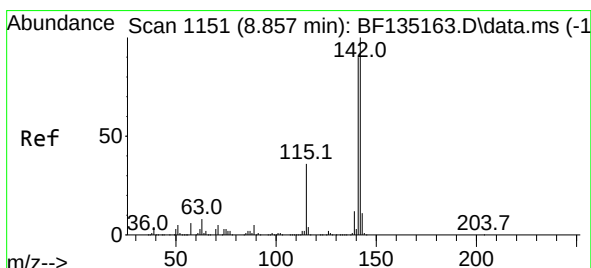
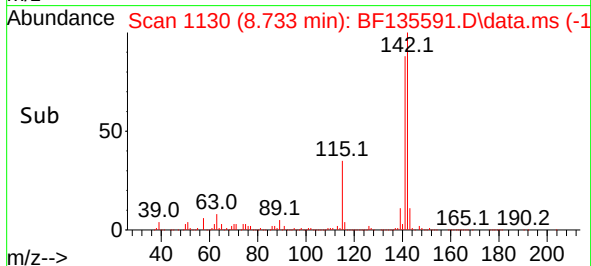
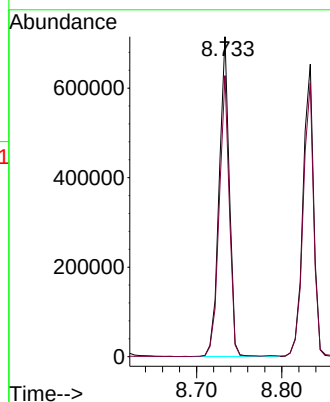
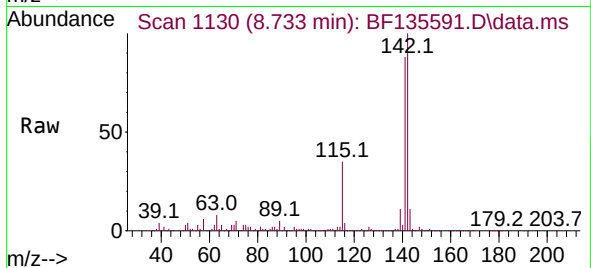
RBR200027MSD

Tgt Ion:142 Resp: 592144

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.416 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135591.D

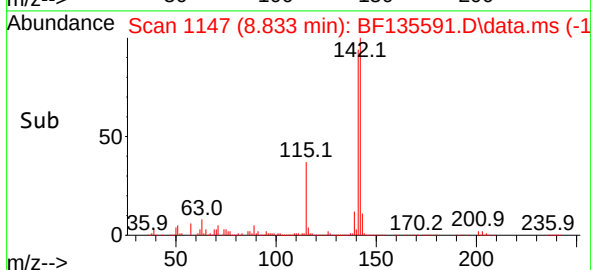
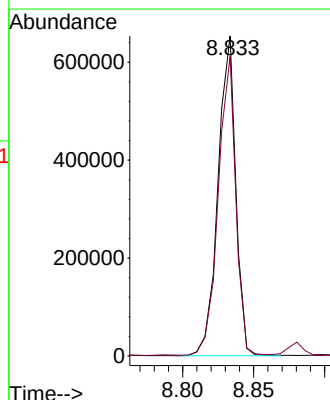
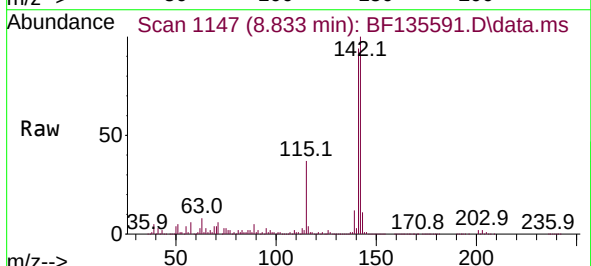
Acq: 05 Oct 2023 02:33

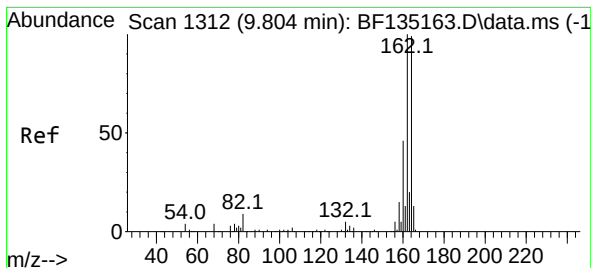
Tgt Ion:142 Resp: 565187

Ion Ratio Lower Upper

142 100

141 93.6 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1158

Delta R.T. 0.012 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

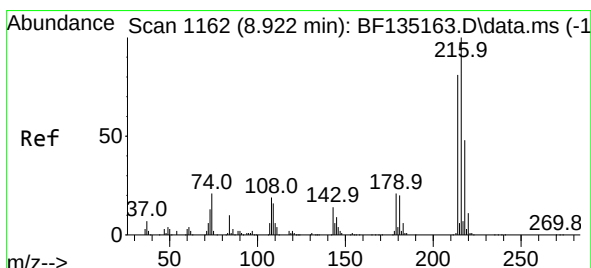
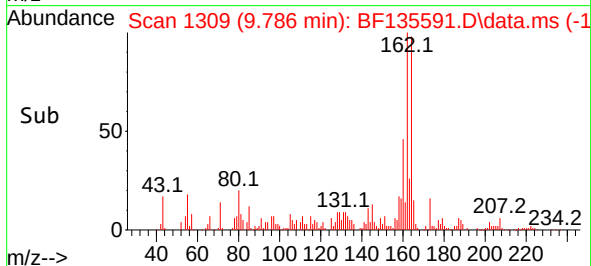
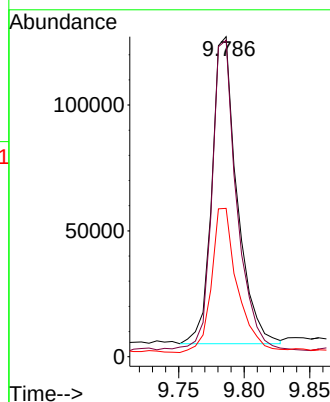
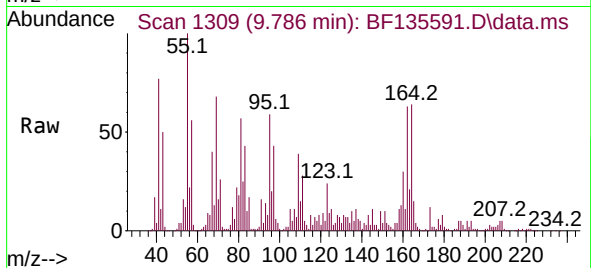
Tgt Ion:164 Resp: 162939

Ion Ratio Lower Upper

164 100

162 98.9 81.0 121.4

160 46.3 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.196 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Tgt Ion:216 Resp: 279436

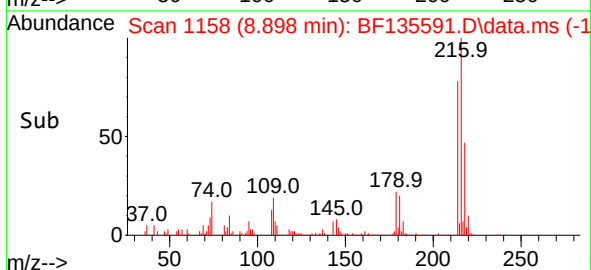
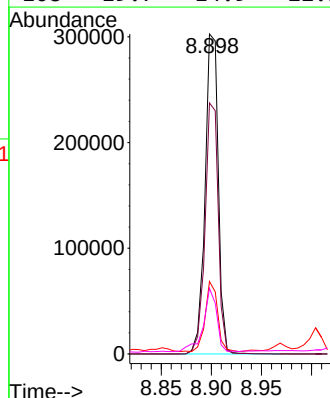
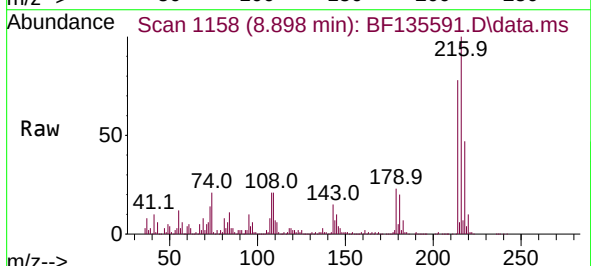
Ion Ratio Lower Upper

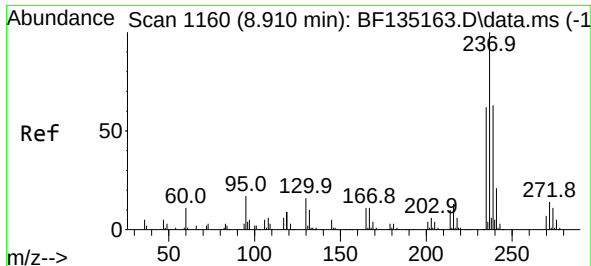
216 100

214 78.2 63.7 95.5

179 20.5 16.7 25.1

108 19.7 14.9 22.3

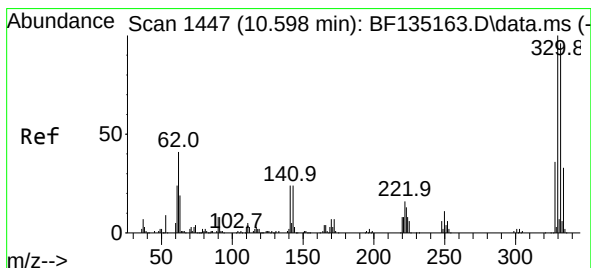
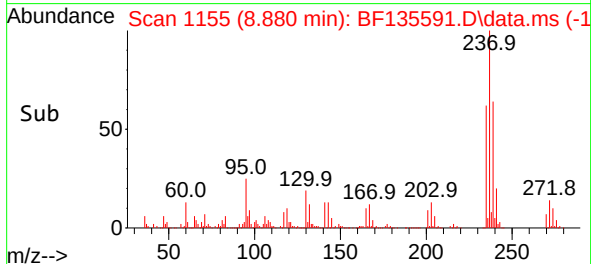
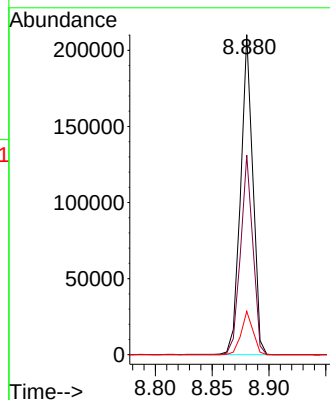
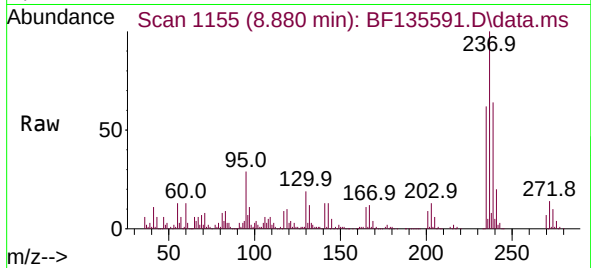




#41
Hexachlorocyclopentadiene
Concen: 76.175 ng
RT: 8.880 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

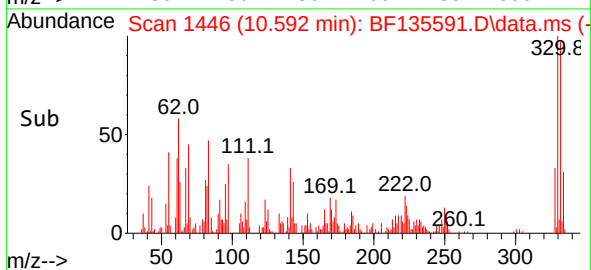
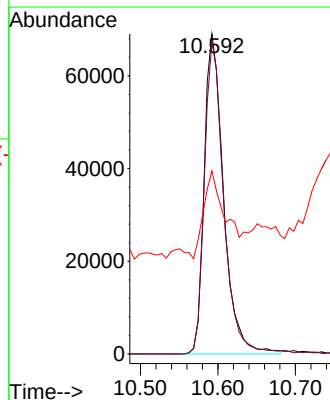
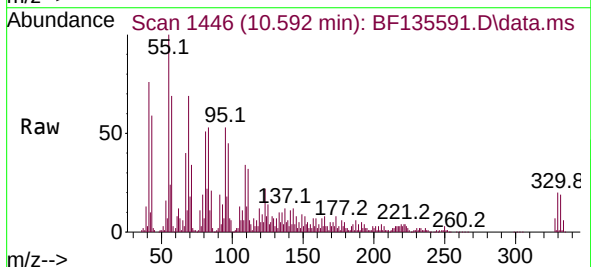
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

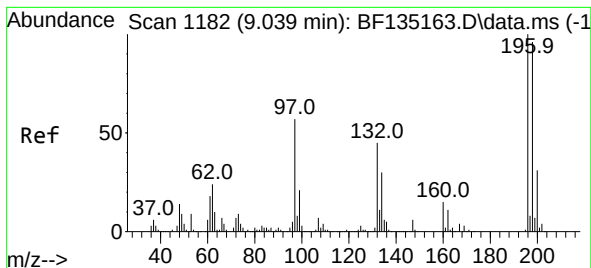
Tgt Ion:237 Resp: 157634
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 73.679 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.023 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:330 Resp: 119302
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 33.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 56.129 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

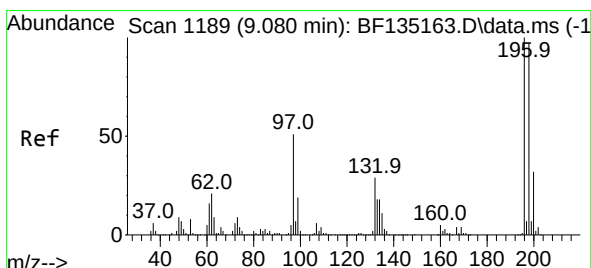
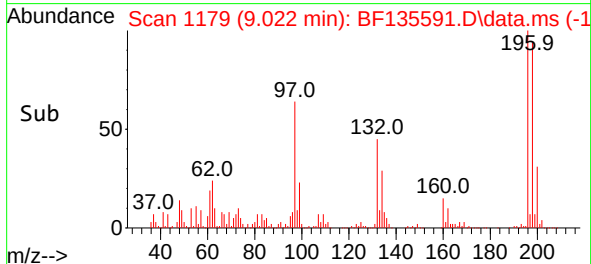
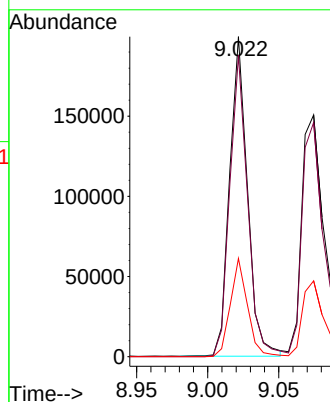
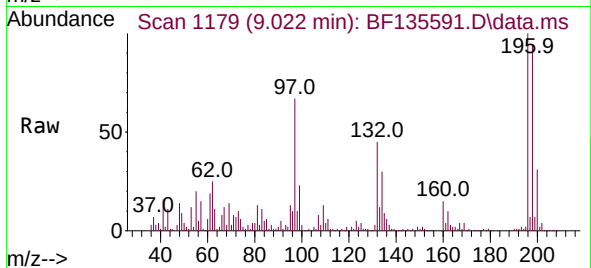
Tgt Ion:196 Resp: 173479

Ion Ratio Lower Upper

196 100

198 94.2 77.0 115.6

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 52.455 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Tgt Ion:196 Resp: 186702

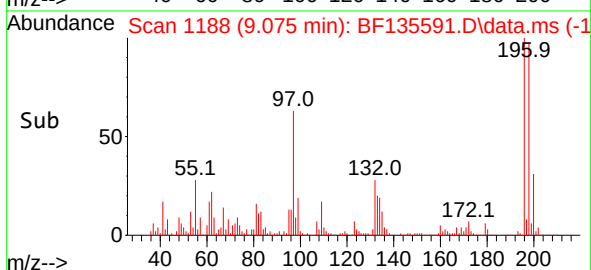
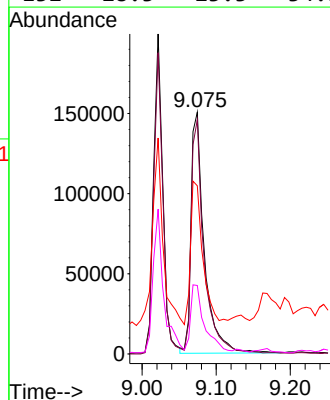
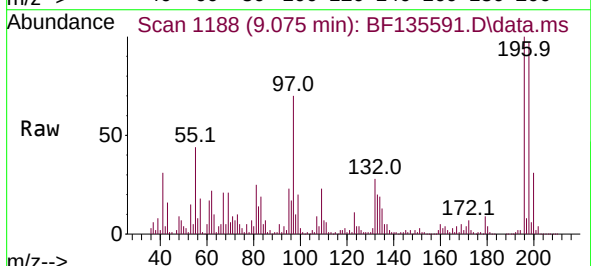
Ion Ratio Lower Upper

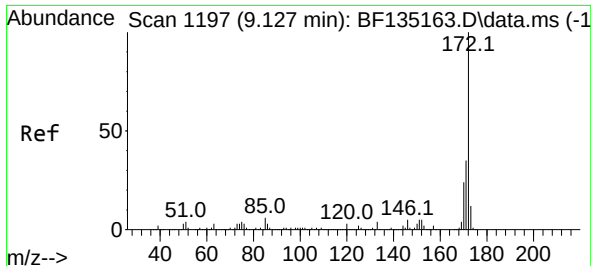
196 100

198 96.9 77.5 116.3

97 69.6 40.5 60.7#

132 28.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 80.178 ng

RT: 9.098 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

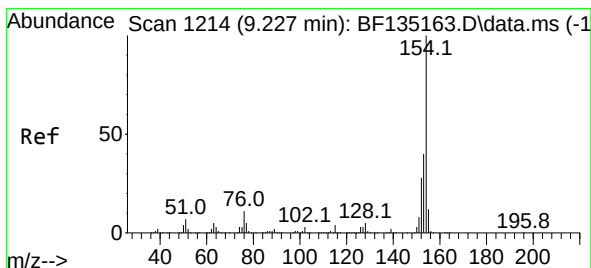
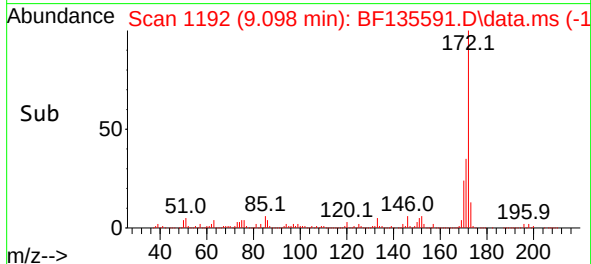
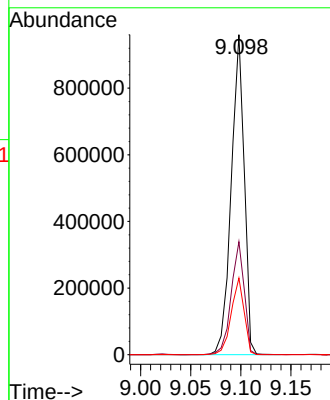
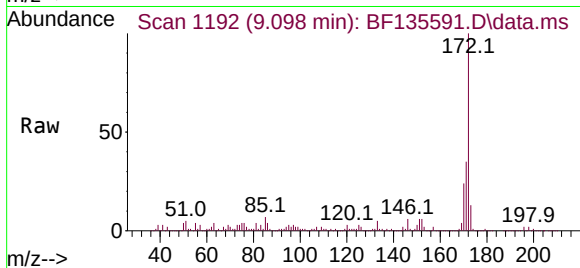
Tgt Ion:172 Resp: 865909

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 55.517 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

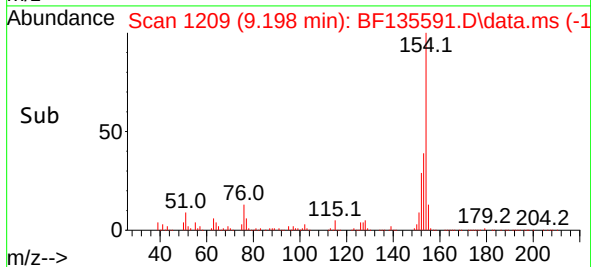
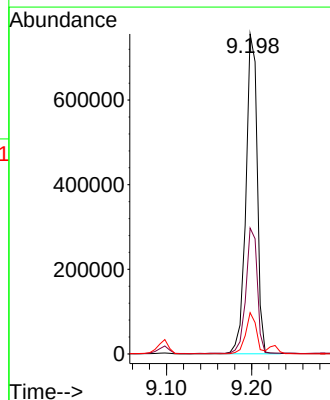
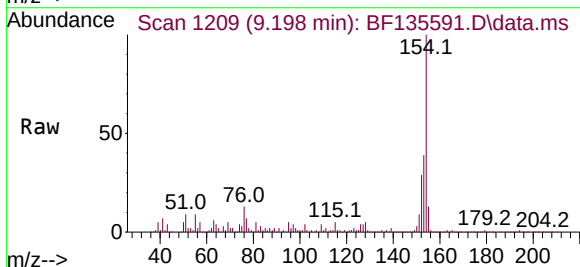
Tgt Ion:154 Resp: 695166

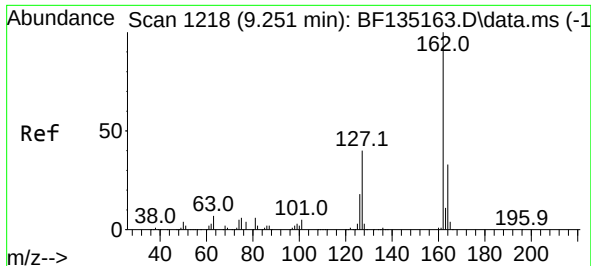
Ion Ratio Lower Upper

154 100

153 39.4 19.6 59.6

76 12.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 54.513 ng

RT: 9.227 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

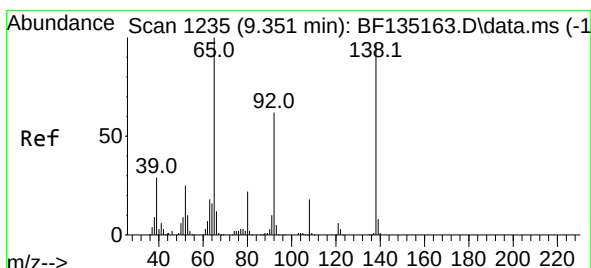
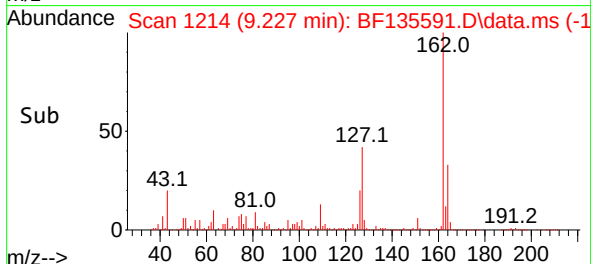
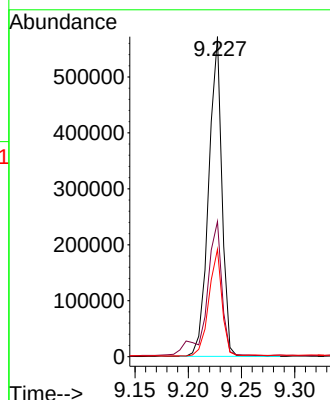
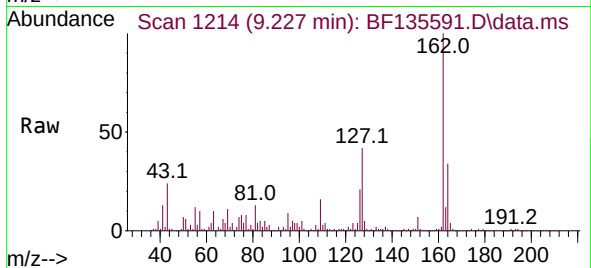
Tgt Ion:162 Resp: 495261

Ion Ratio Lower Upper

162 100

127 42.2 32.6 48.8

164 33.6 26.2 39.2



#48

2-Nitroaniline

Concen: 59.572 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

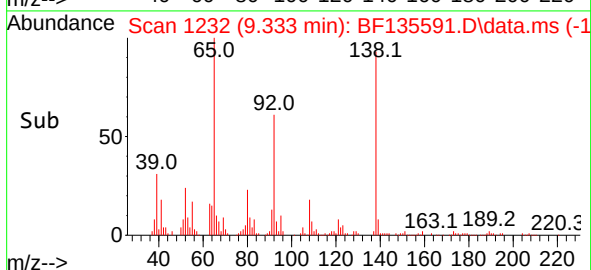
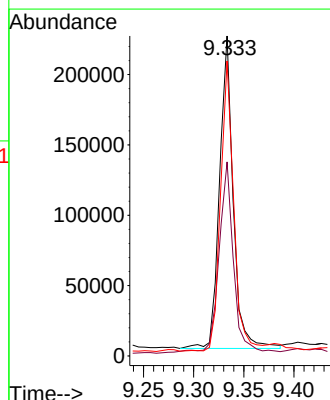
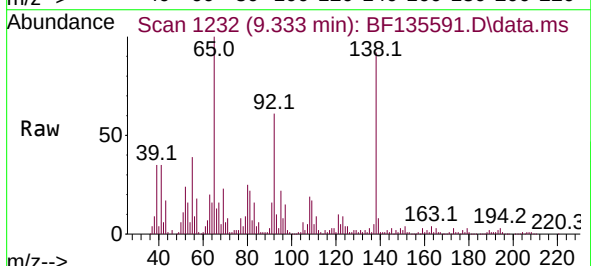
Tgt Ion: 65 Resp: 210262

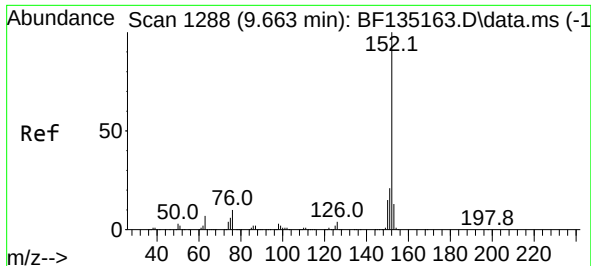
Ion Ratio Lower Upper

65 100

92 60.7 49.4 74.0

138 92.2 77.4 116.0





#49

Acenaphthylene

Concen: 49.273 ng

RT: 9.645 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

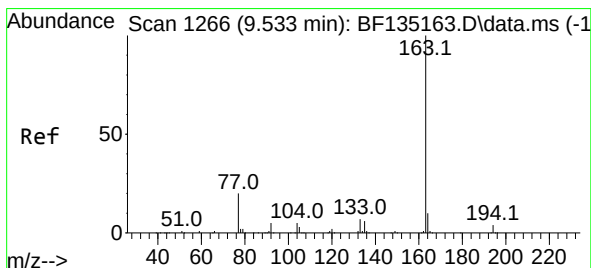
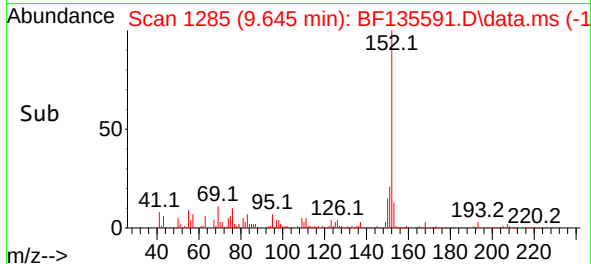
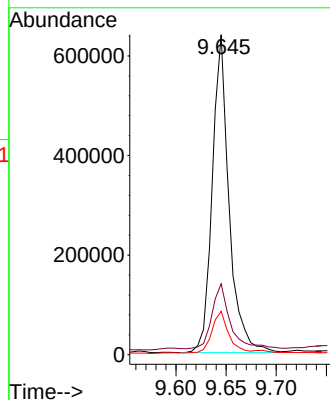
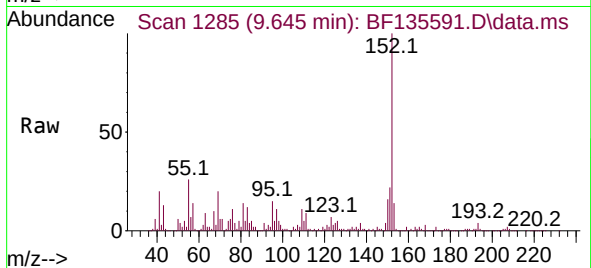
Tgt Ion:152 Resp: 743968

Ion Ratio Lower Upper

152 100

151 22.1 16.4 24.6

153 13.6 10.4 15.6



#50

Dimethylphthalate

Concen: 50.442 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

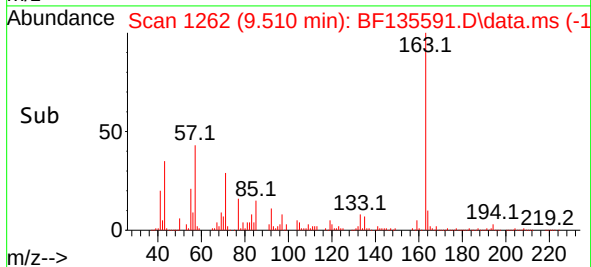
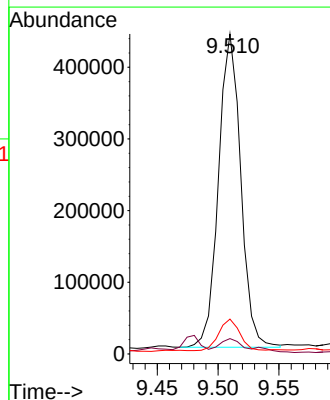
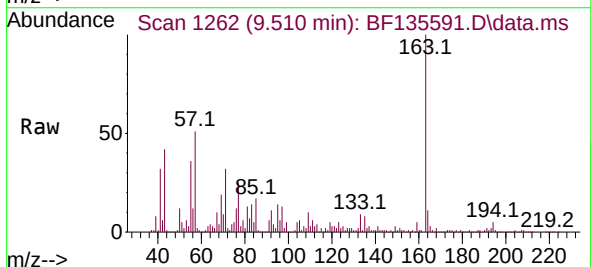
Tgt Ion:163 Resp: 555686

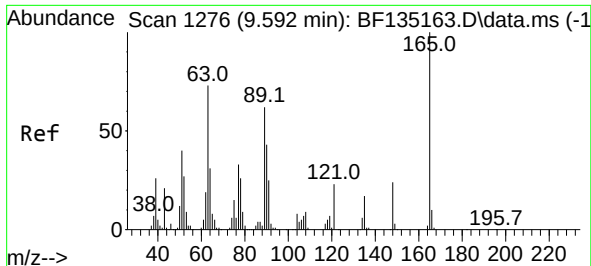
Ion Ratio Lower Upper

163 100

194 4.8 3.1 4.7#

164 10.9 8.1 12.1

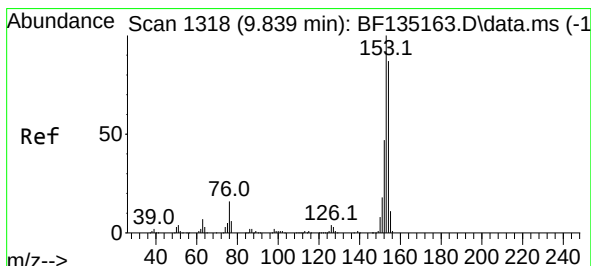
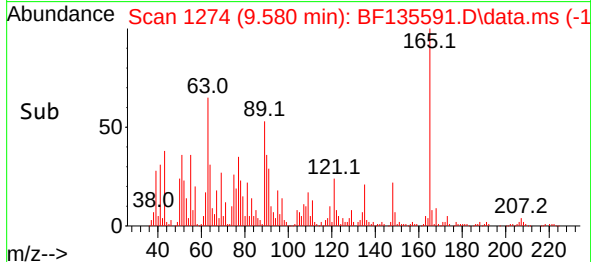
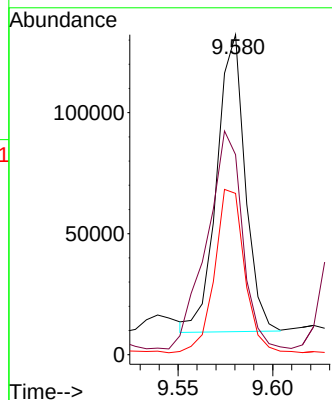
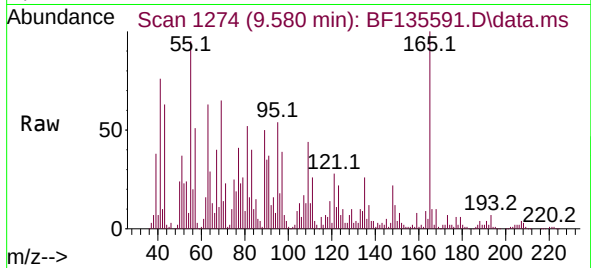




#51
2,6-Dinitrotoluene
Concen: 52.919 ng
RT: 9.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

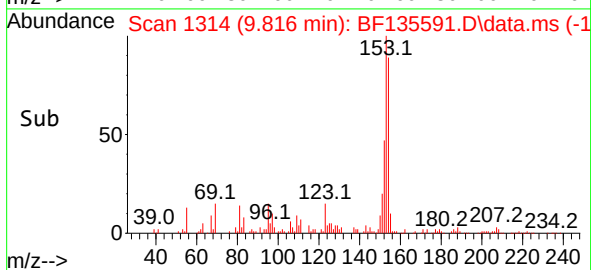
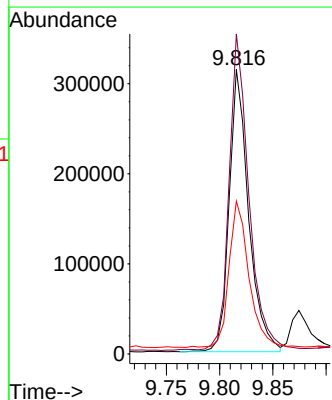
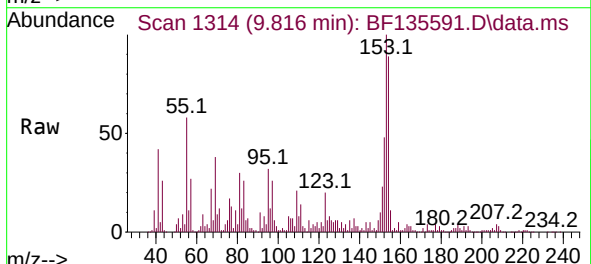
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

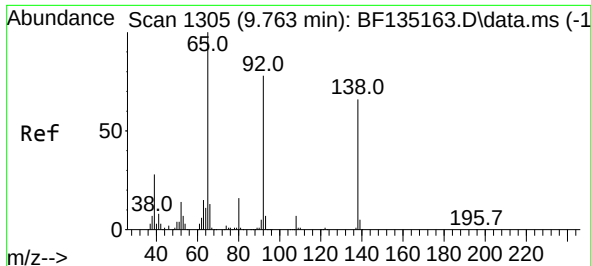
Tgt Ion:165 Resp: 127711
Ion Ratio Lower Upper
165 100
63 62.5 59.4 89.2
89 50.4 49.8 74.8



#52
Acenaphthene
Concen: 44.536 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:154 Resp: 397243
Ion Ratio Lower Upper
154 100
153 112.5 92.1 138.1
152 53.7 43.1 64.7

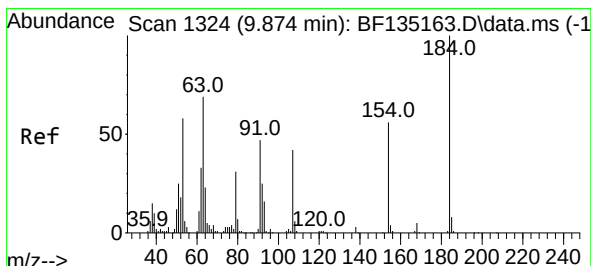
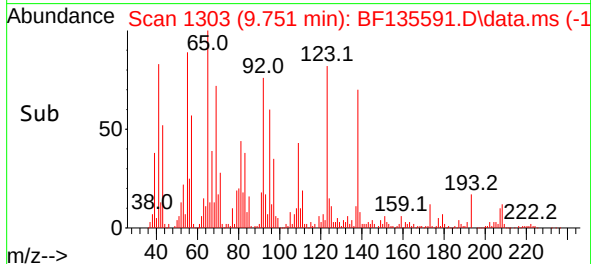
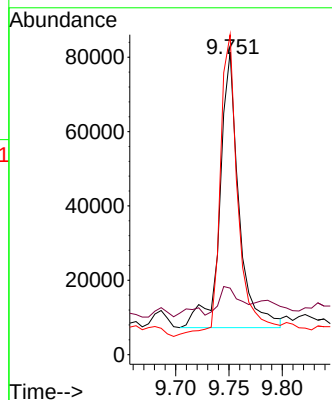
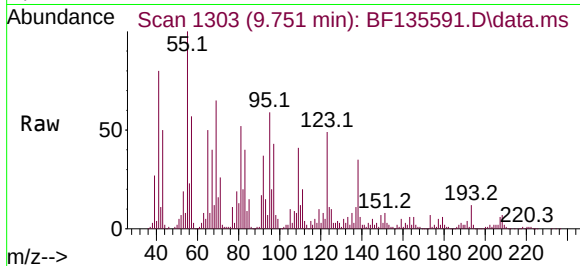




#53
3-Nitroaniline
Concen: 32.417 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

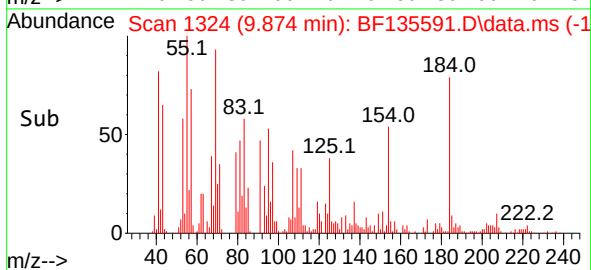
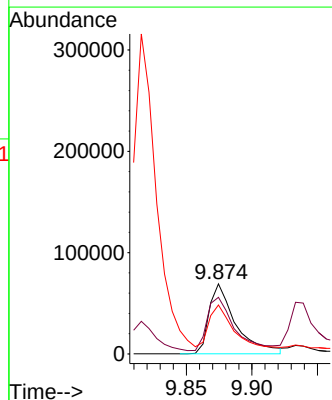
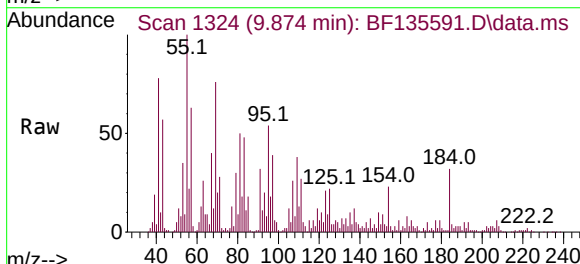
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

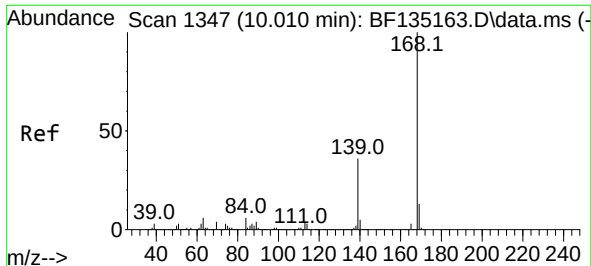
Tgt Ion:138 Resp: 91833
Ion Ratio Lower Upper
138 100
108 22.0 8.5 12.7#
92 105.8 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 71.953 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:184 Resp: 97644
Ion Ratio Lower Upper
184 100
63 80.7 55.1 82.7
154 69.9 48.4 72.6

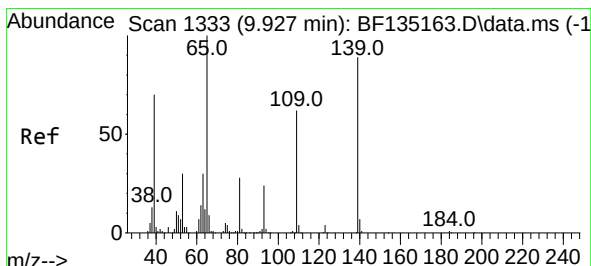
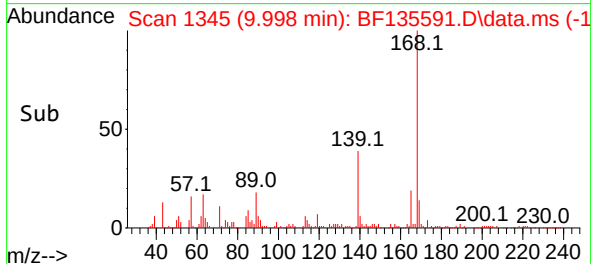
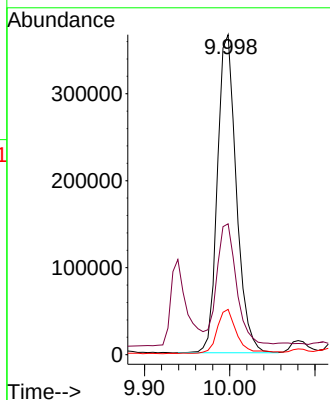
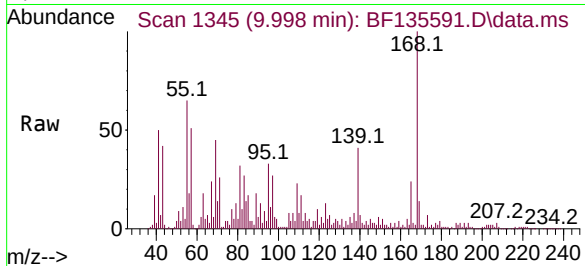




#55
Dibenzenofuran
Concen: 41.376 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

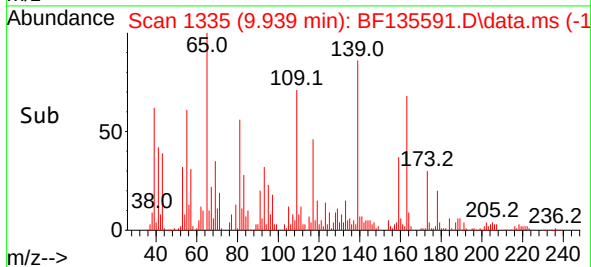
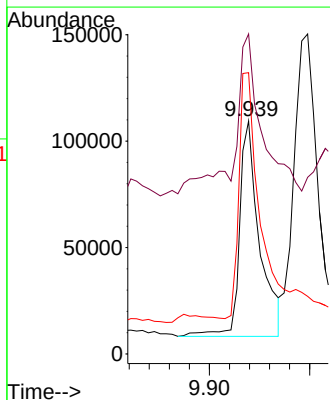
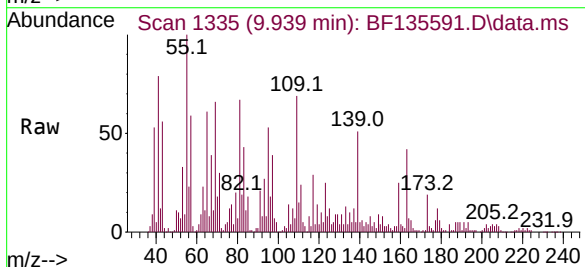
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

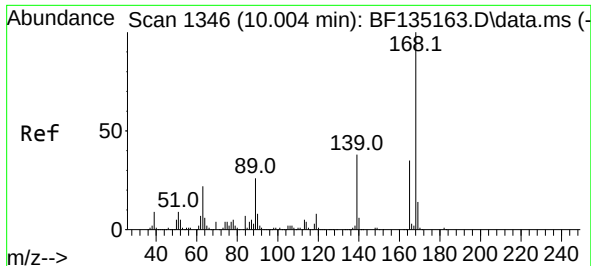
Tgt Ion:168 Resp: 563168
Ion Ratio Lower Upper
168 100
139 40.9 29.0 43.6
169 14.2 10.4 15.6



#56
4-Nitrophenol
Concen: 77.909 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:139 Resp: 140268
Ion Ratio Lower Upper
139 100
109 137.4 49.8 89.8#
65 120.8 92.7 132.7





#57

2,4-Dinitrotoluene

Concen: 45.718 ng

RT: 9.992 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

Tgt Ion:165 Resp: 138126

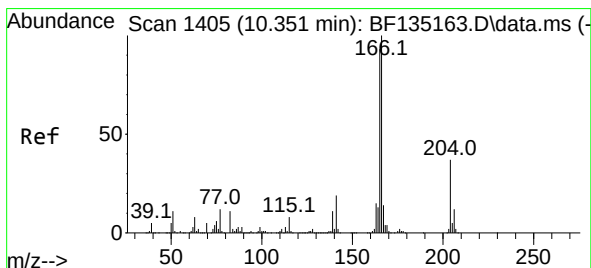
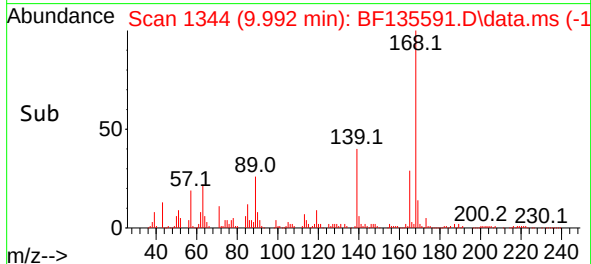
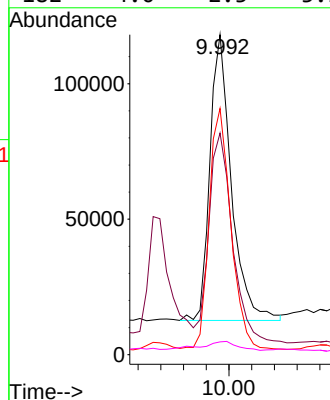
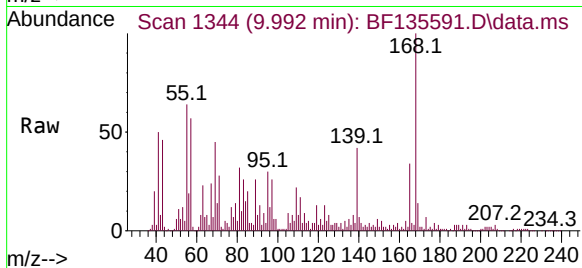
Ion Ratio Lower Upper

165 100

63 69.2 50.1 75.1

89 76.9 59.3 88.9

182 4.0 2.3 3.5#



#58

Fluorene

Concen: 35.311 ng

RT: 10.345 min Scan# 1404

Delta R.T. 0.018 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

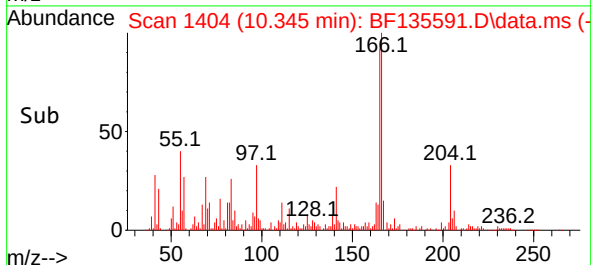
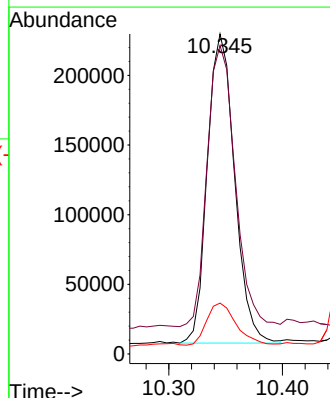
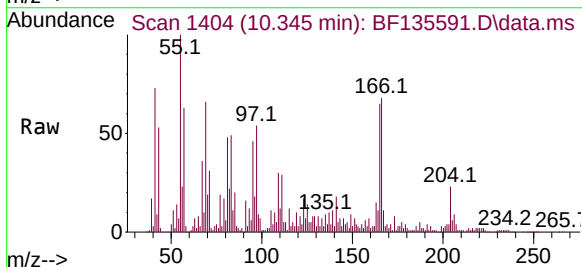
Tgt Ion:166 Resp: 369487

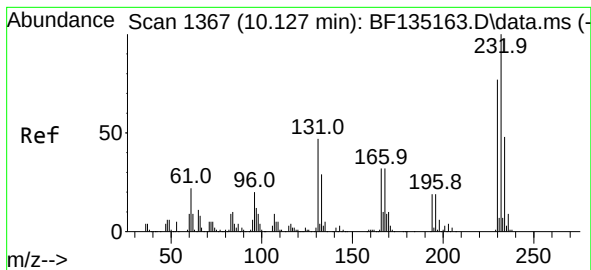
Ion Ratio Lower Upper

166 100

165 96.4 74.3 111.5

167 15.9 10.9 16.3

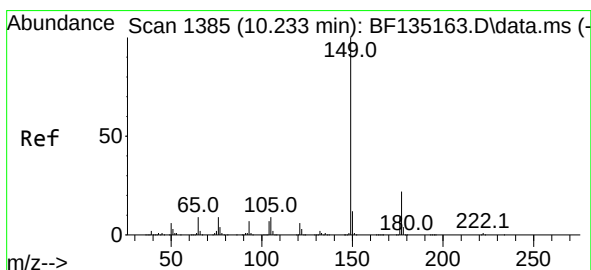
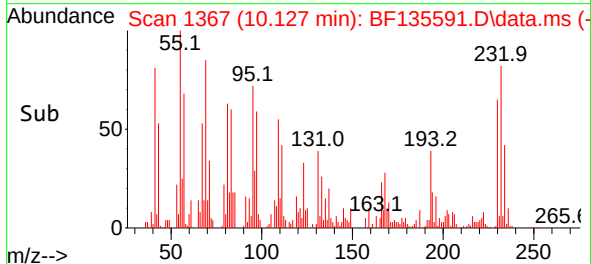
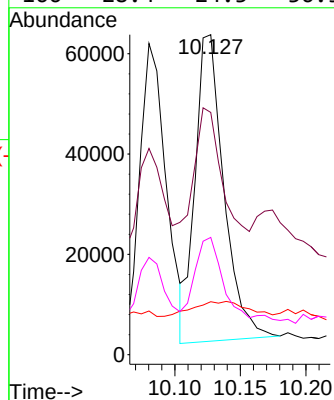
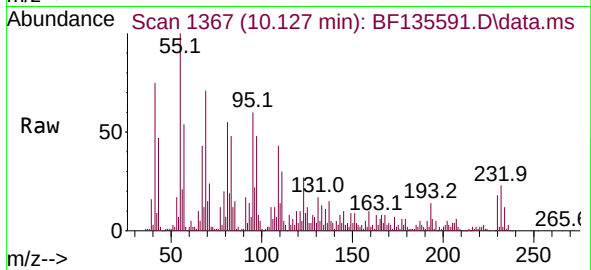




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.010 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

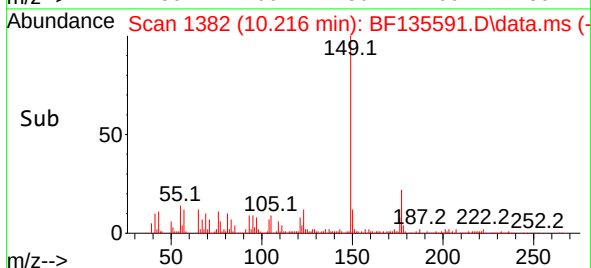
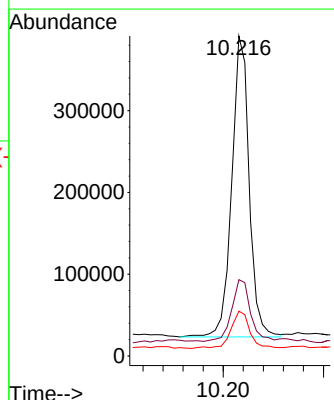
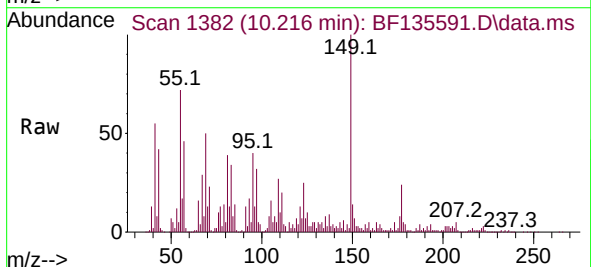
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

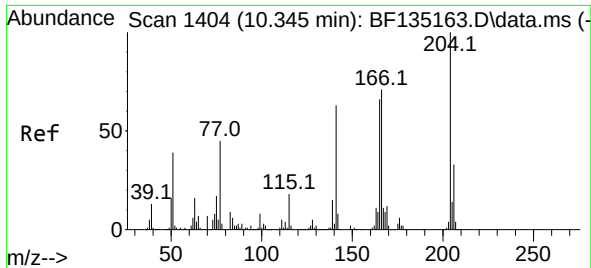
Tgt Ion:232 Resp: 93118
Ion Ratio Lower Upper
232 100
131 52.5 35.4 53.2
130 10.4 1.8 2.8#
166 28.4 24.3 36.5



#60
Diethylphthalate
Concen: 40.147 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:149 Resp: 443864
Ion Ratio Lower Upper
149 100
177 23.9 17.8 26.6
150 14.0 10.0 15.0

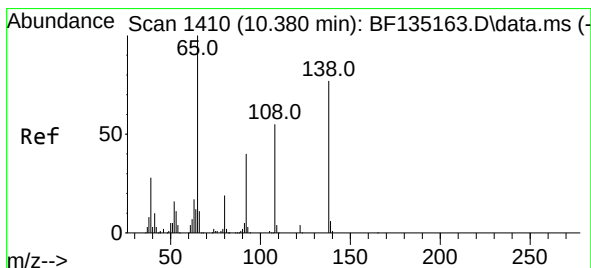
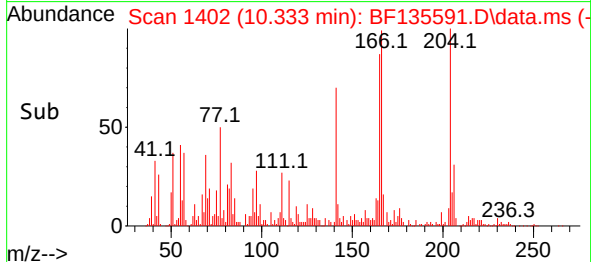
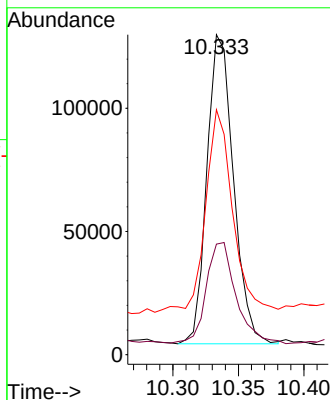
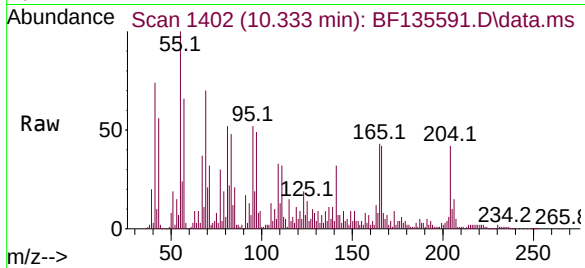




#61
4-Chlorophenyl-phenylether
Concen: 35.212 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

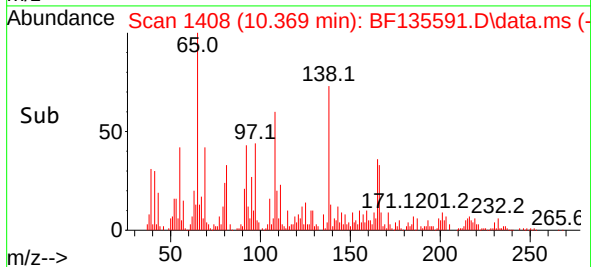
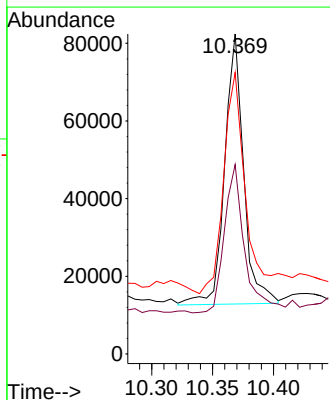
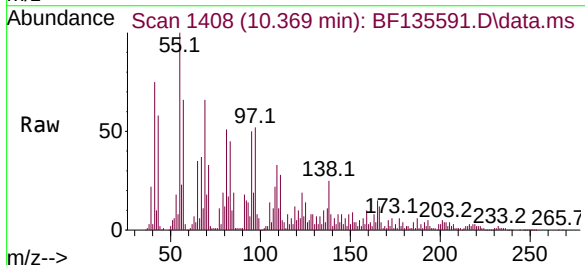
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

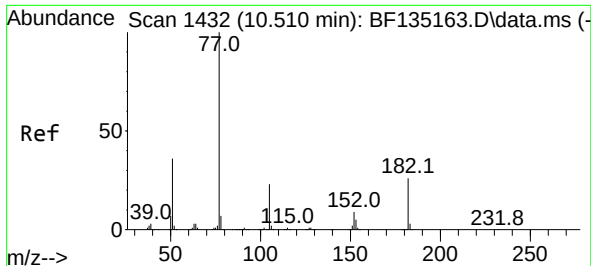
Tgt Ion:204 Resp: 176992
Ion Ratio Lower Upper
204 100
206 34.5 26.7 40.1
141 76.5 50.6 75.8#



#62
4-Nitroaniline
Concen: 27.694 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:138 Resp: 75413
Ion Ratio Lower Upper
138 100
92 59.2 31.8 71.8
108 88.0 52.0 92.0

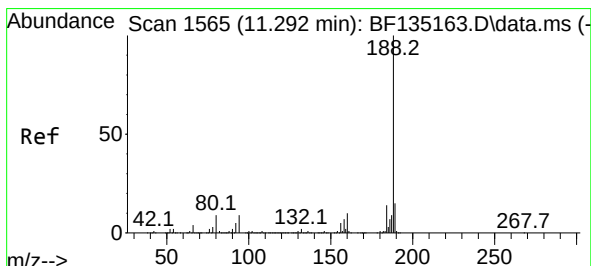
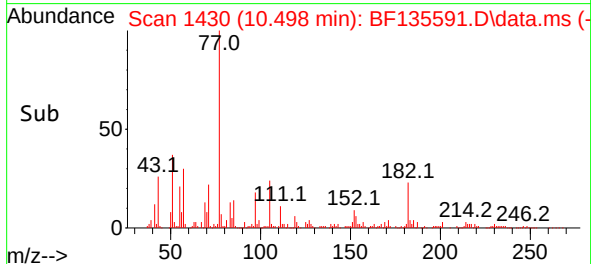
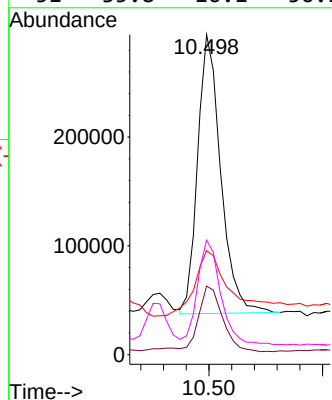
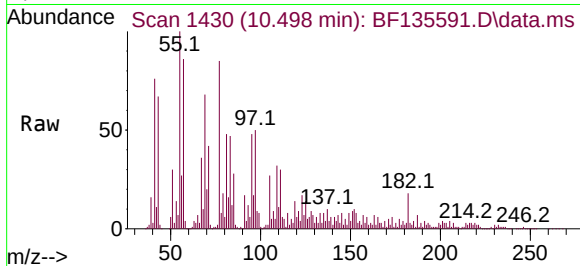




#63
Azobenzene
Concen: 33.525 ng
RT: 10.498 min Scan# 1432
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

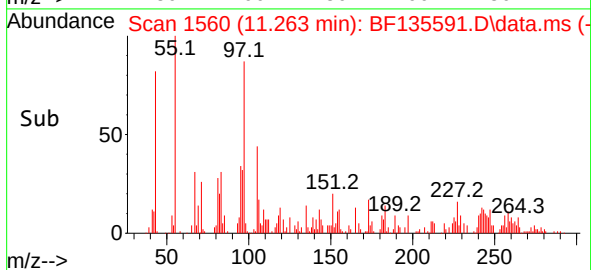
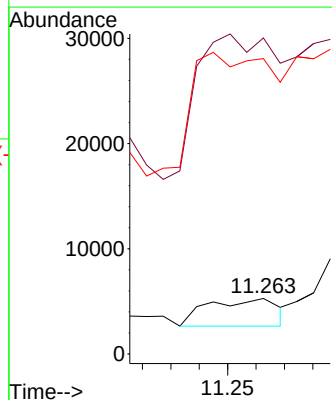
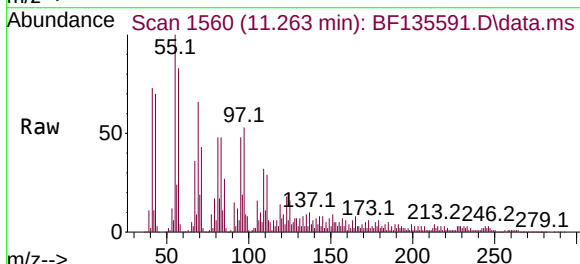
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

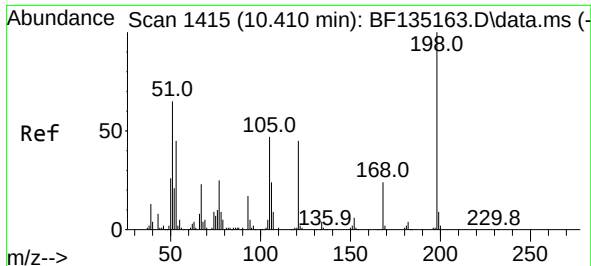
Tgt Ion: 77	Resp: 362748
Ion Ratio	Lower Upper
77 100	
182 21.4	6.4 46.4
105 32.5	3.1 43.1
51 35.8	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:188	Resp:	4507	
Ion	Ratio	Lower	Upper
188	100		
94	568.3	7.0	10.6#
80	531.4	7.5	11.3#

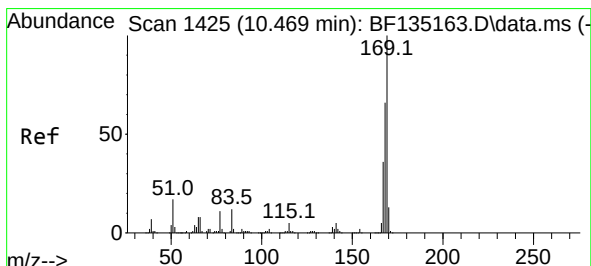
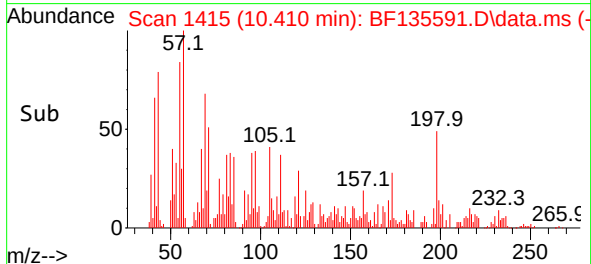
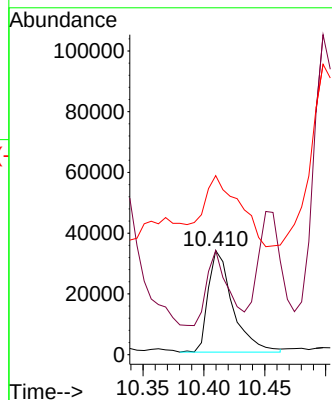
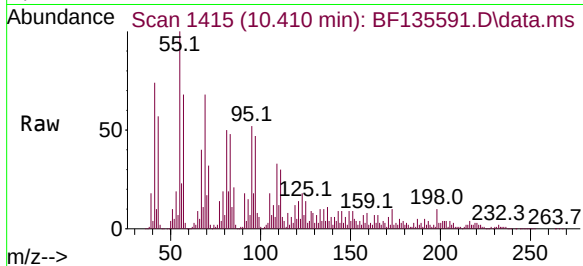




#65
4,6-Dinitro-2-methylphenol
Concen: 1958.927 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

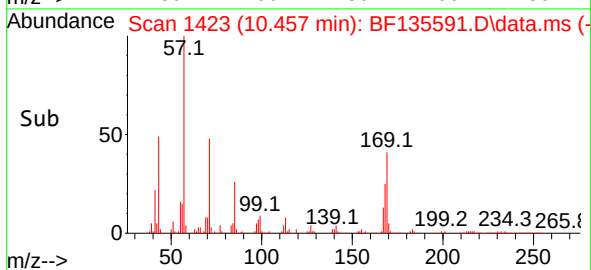
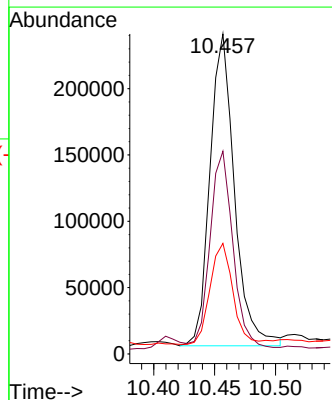
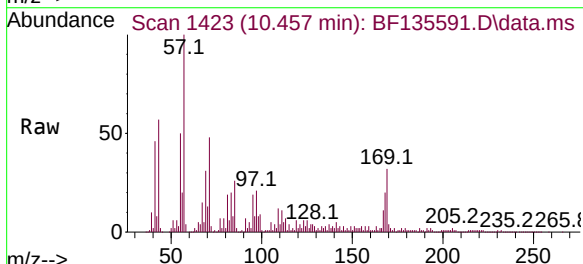
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

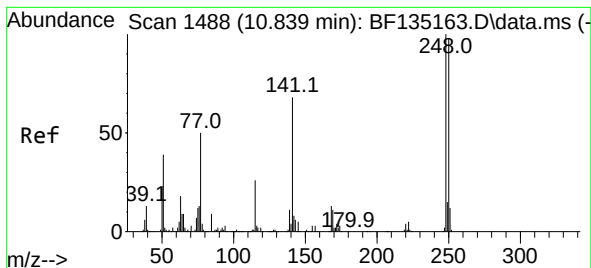
Tgt Ion:198 Resp: 46893
Ion Ratio Lower Upper
198 100
51 100.0 47.7 87.7#
105 171.7 27.4 67.4#



#66
n-Nitrosodiphenylamine
Concen: 2419.041 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:169 Resp: 330073
Ion Ratio Lower Upper
169 100
168 63.3 52.8 79.2
167 34.5 29.0 43.6

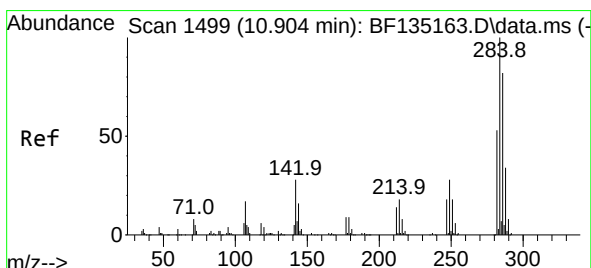
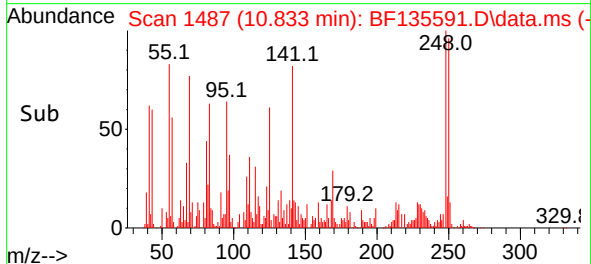
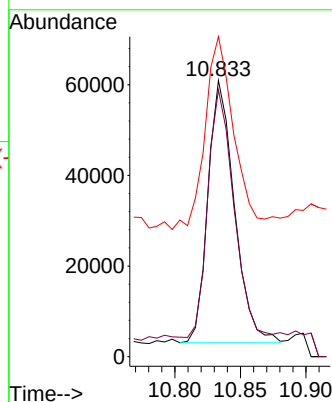
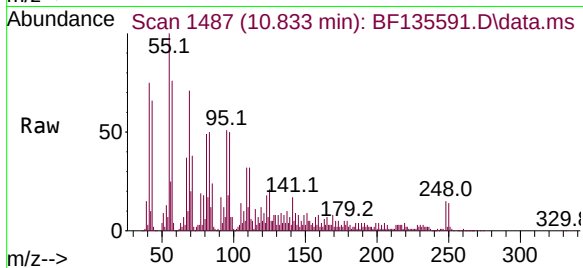




#67
4-Bromophenyl-phenylether
Concen: 1814.150 ng
RT: 10.833 min Scan# 1488
Delta R.T. 0.023 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

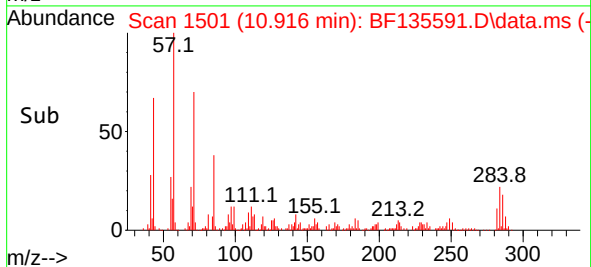
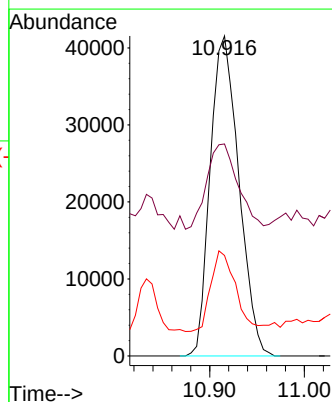
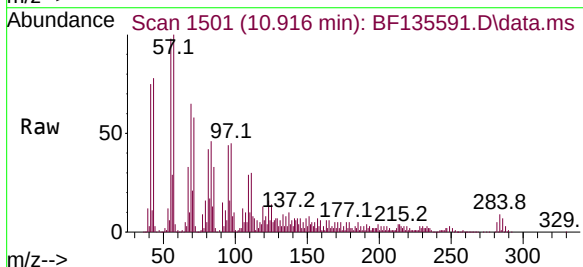
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

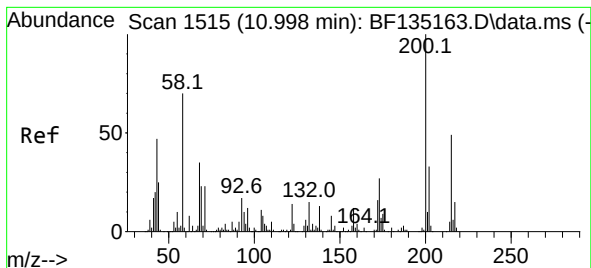
Tgt Ion:248 Resp: 81320
Ion Ratio Lower Upper
248 100
250 96.5 78.6 117.8
141 115.8 54.2 81.2#



#68
Hexachlorobenzene
Concen: 1910.139 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.041 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:284 Resp: 87230
Ion Ratio Lower Upper
284 100
142 66.2 22.2 33.4#
249 31.4 22.5 33.7





#69

Atrazine

Concen: 2113.701 ng

RT: 11.016 min Scan# 1518

Delta R.T. 0.041 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

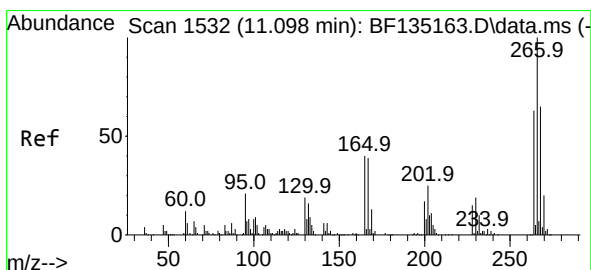
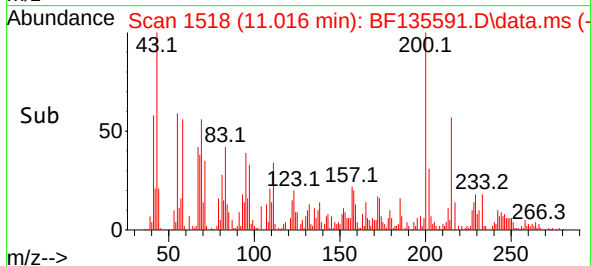
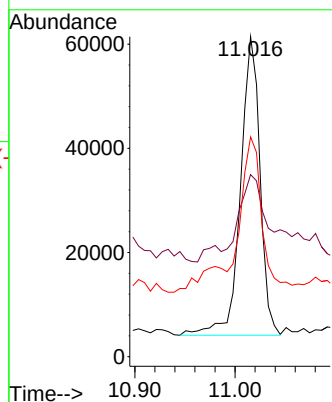
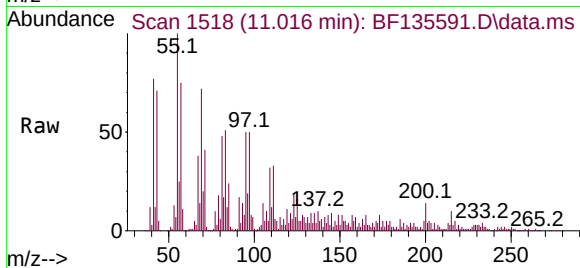
Tgt Ion:200 Resp: 77603

Ion Ratio Lower Upper

200 100

173 56.9 7.4 47.4#

215 68.7 28.6 68.6#



#70

Pentachlorophenol

Concen: 2089.164 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.041 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

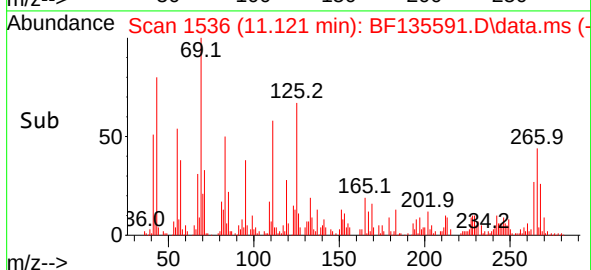
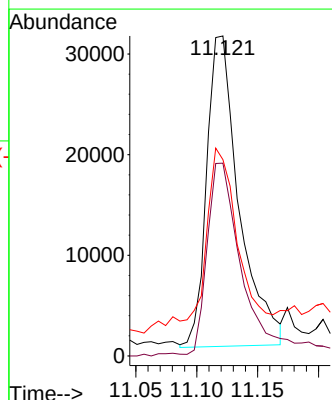
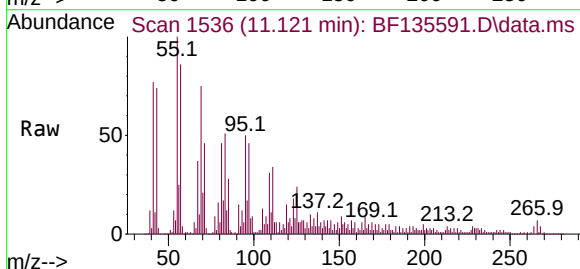
Tgt Ion:266 Resp: 57081

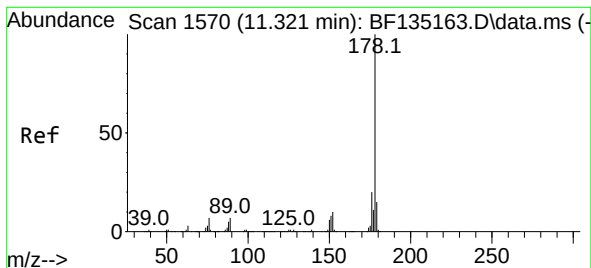
Ion Ratio Lower Upper

266 100

268 60.3 52.1 78.1

264 61.3 50.8 76.2





#71

Phenanthrene

Concen: 79.001 ng

RT: 11.286 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

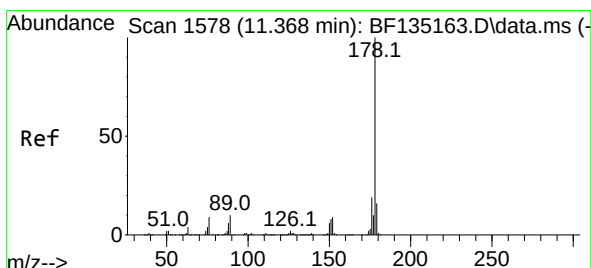
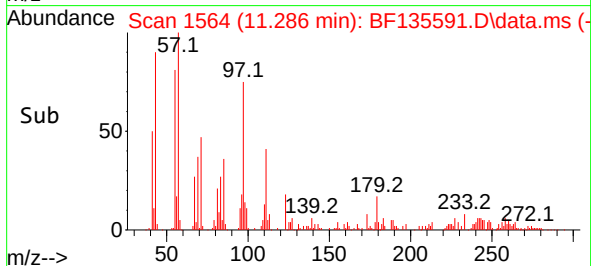
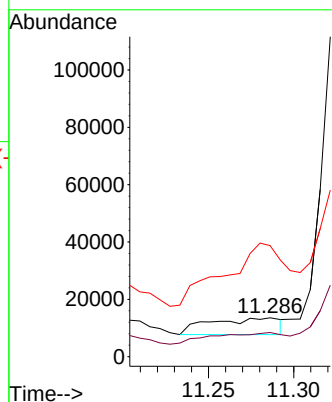
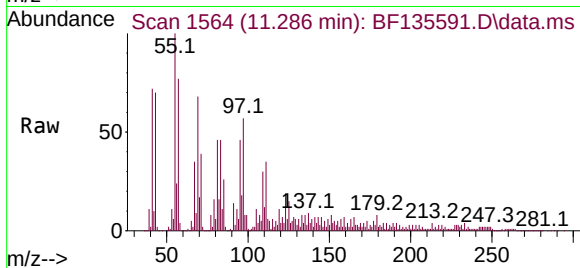
Tgt Ion:178 Resp: 16840

Ion Ratio Lower Upper

178 100

176 62.1 15.6 23.4#

179 285.7 12.0 18.0#



#72

Anthracene

Concen: 1342.712 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

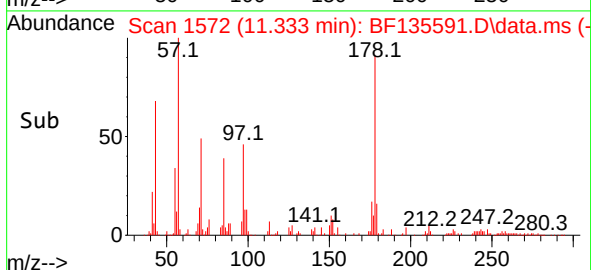
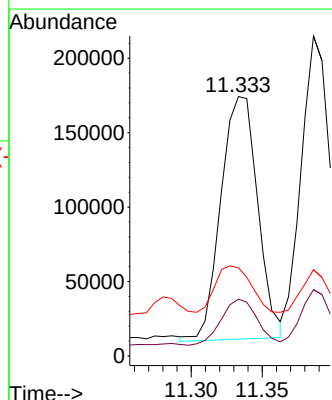
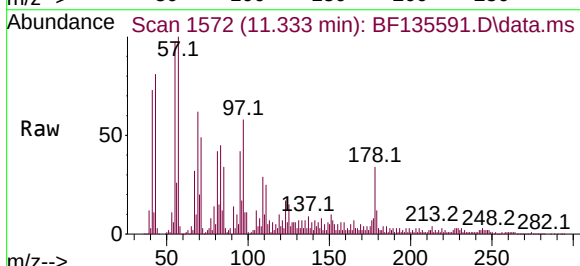
Tgt Ion:178 Resp: 294198

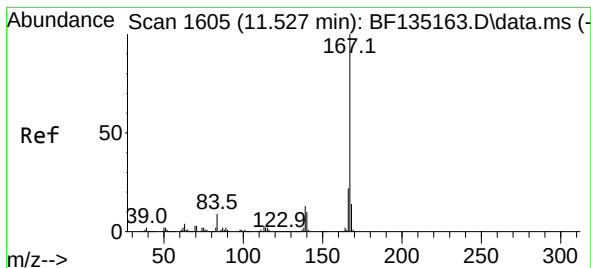
Ion Ratio Lower Upper

178 100

176 21.9 15.4 23.2

179 34.0 12.6 19.0#





#73

Carbazole

Concen: 1292.055 ng

RT: 11.545 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

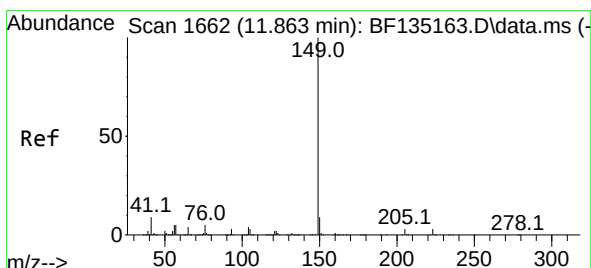
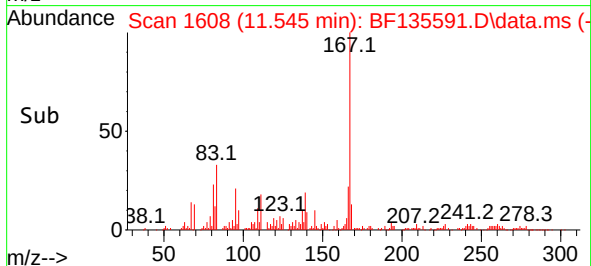
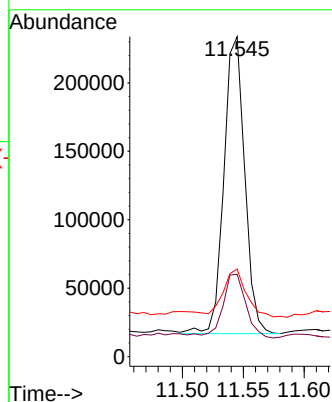
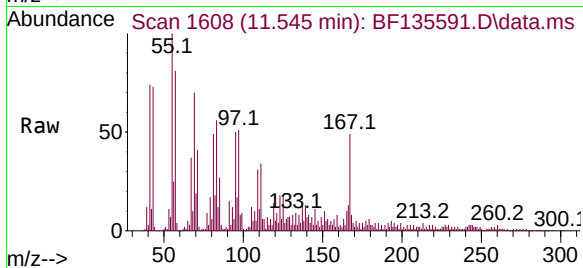
Tgt Ion:167 Resp: 257711

Ion Ratio Lower Upper

167 100

166 25.7 17.4 26.0

139 27.4 10.6 15.8#



#74

Di-n-butylphthalate

Concen: 53.580 ng

RT: 11.792 min Scan# 1650

Delta R.T. -0.041 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

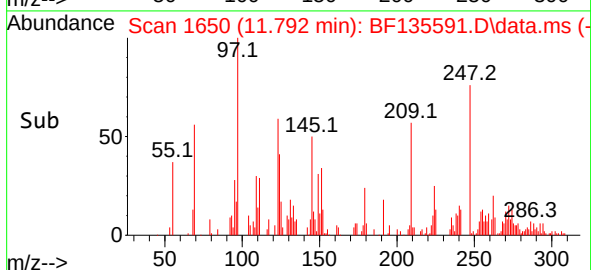
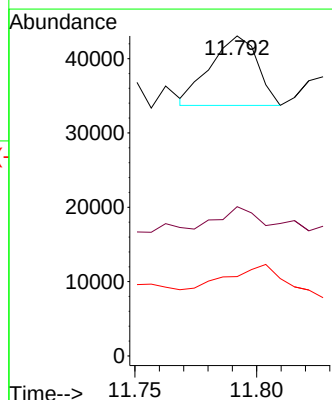
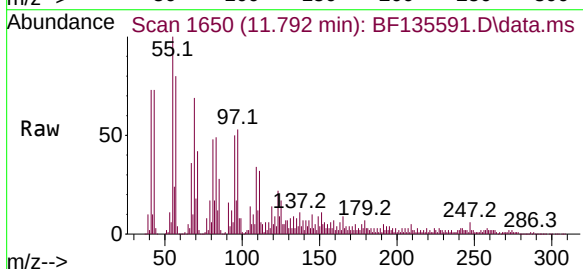
Tgt Ion:149 Resp: 12593

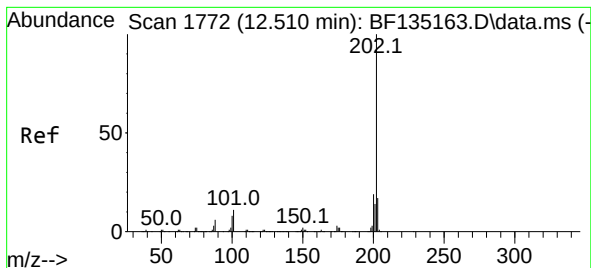
Ion Ratio Lower Upper

149 100

150 46.7 7.4 11.0#

104 24.8 3.6 5.4#





#75

Fluoranthene

Concen: 1540.783 ng

RT: 12.545 min Scan# 1

Delta R.T. 0.059 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

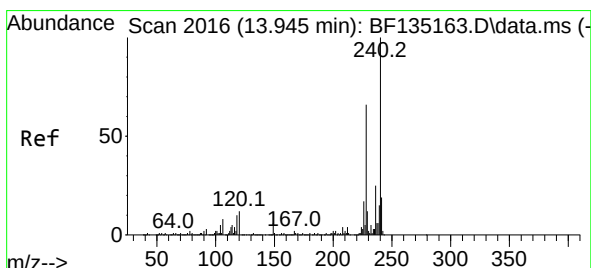
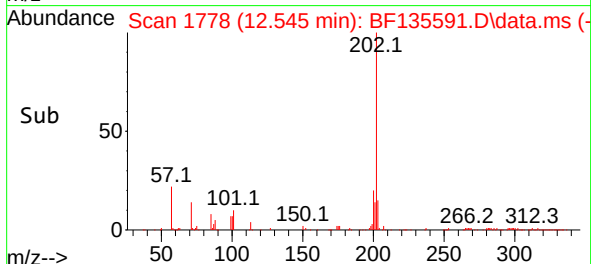
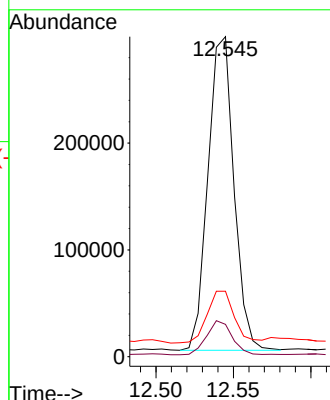
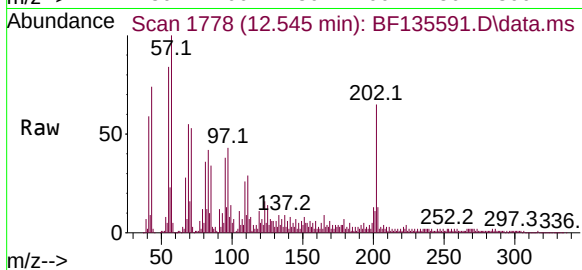
Tgt Ion:202 Resp: 342227

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.3

203 20.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.024 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

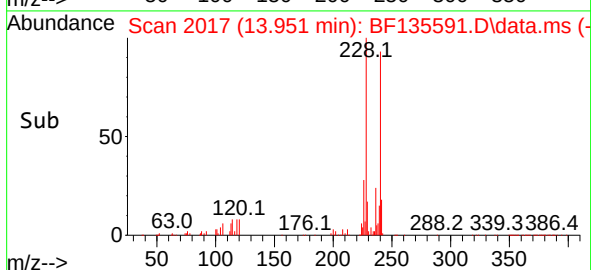
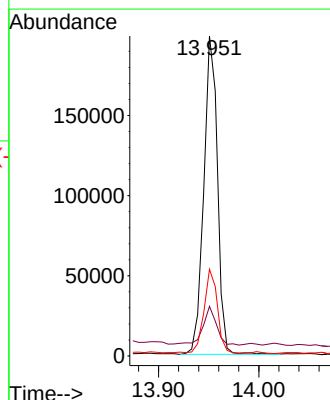
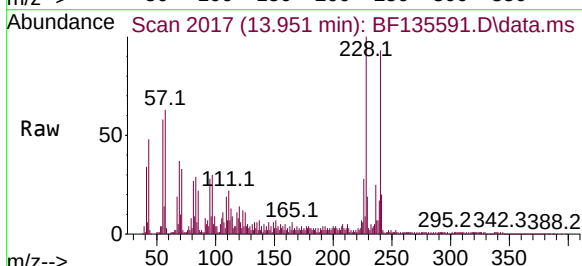
Tgt Ion:240 Resp: 189529

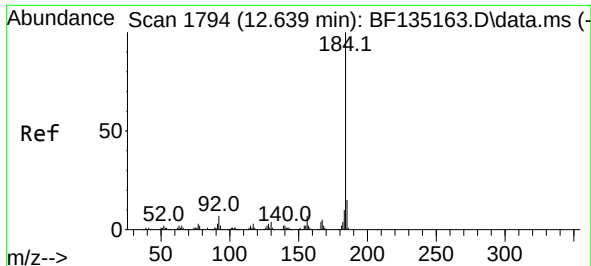
Ion Ratio Lower Upper

240 100

120 15.5 9.4 14.2#

236 27.1 19.8 29.8

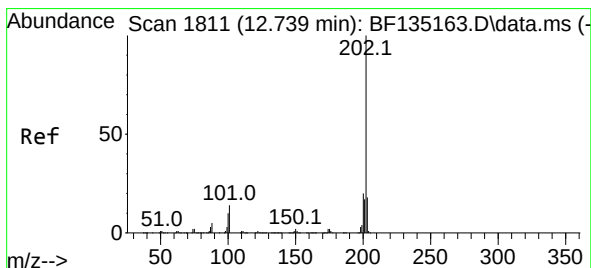
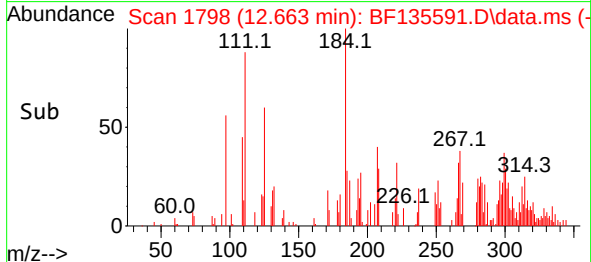
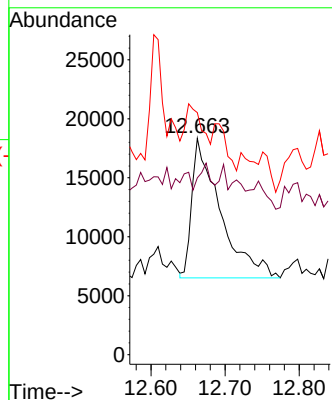
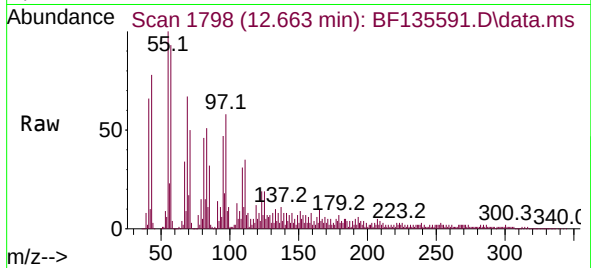




#77
Benzidine
Concen: 8.159 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

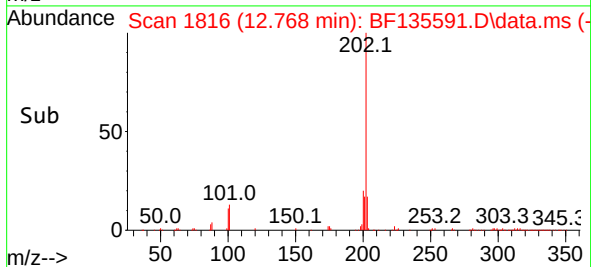
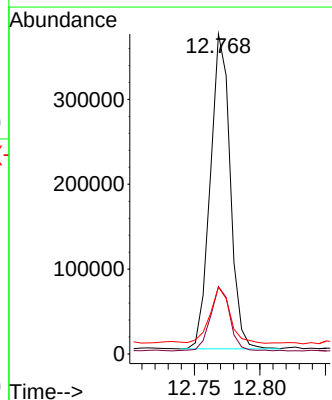
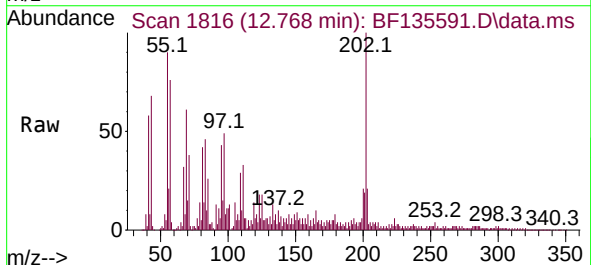
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

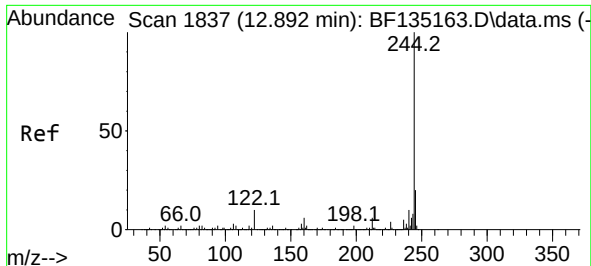
Tgt Ion:184 Resp: 31680
Ion Ratio Lower Upper
184 100
185 81.7 11.7 17.5#
183 111.9 8.2 12.4#



#78
Pyrene
Concen: 21.708 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.053 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

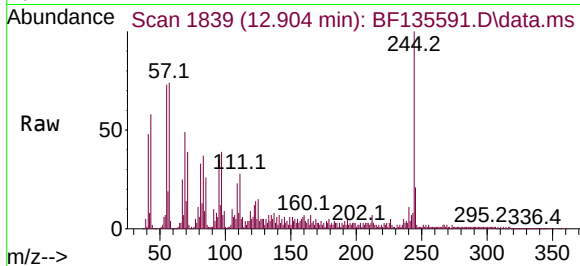
Tgt Ion:202 Resp: 391718
Ion Ratio Lower Upper
202 100
200 21.1 16.2 24.2
203 20.9 14.2 21.4



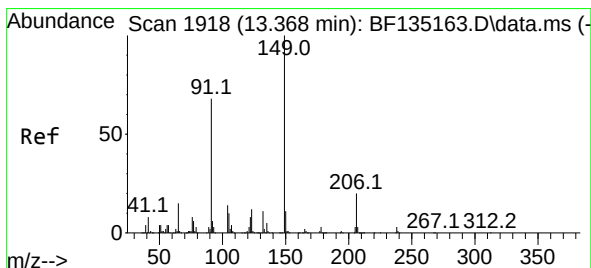
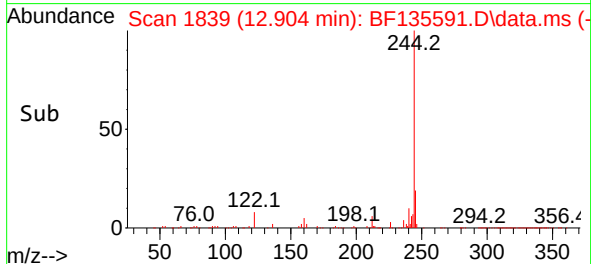
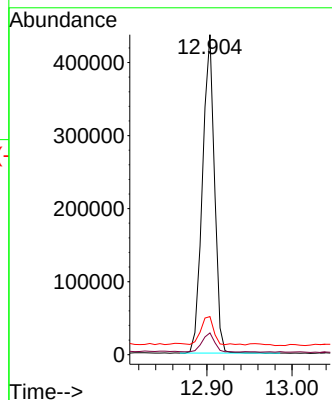


#79
 Terphenyl-d14
 Concen: 34.789 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.041 min
 Lab File: BF135591.D
 Acq: 05 Oct 2023 02:33

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MSD

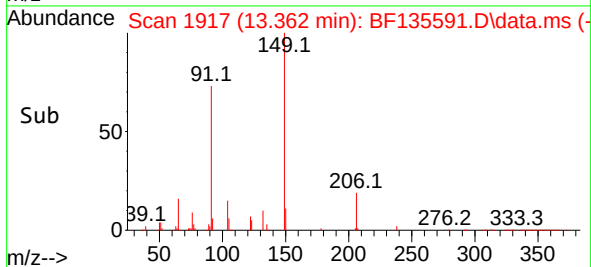
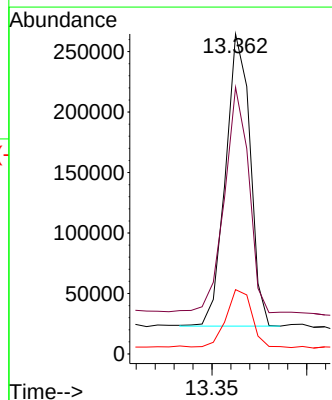
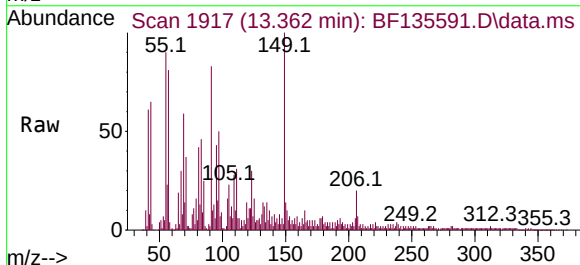


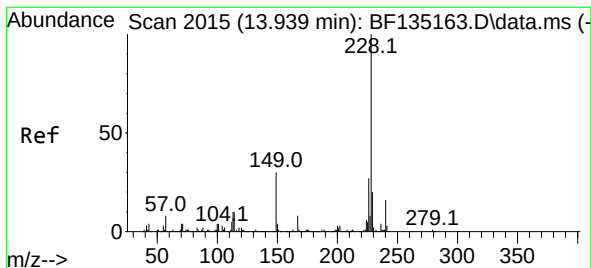
Tgt Ion:244 Resp: 425340
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.9 7.9 11.9#



#80
 Butylbenzylphthalate
 Concen: 34.191 ng
 RT: 13.362 min Scan# 1917
 Delta R.T. 0.023 min
 Lab File: BF135591.D
 Acq: 05 Oct 2023 02:33

Tgt Ion:149 Resp: 217222
 Ion Ratio Lower Upper
 149 100
 91 83.3 54.7 82.1#
 206 20.1 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.501 ng

RT: 13.945 min Scan# 20

Delta R.T. 0.029 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

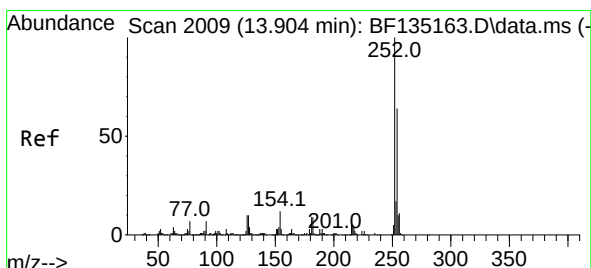
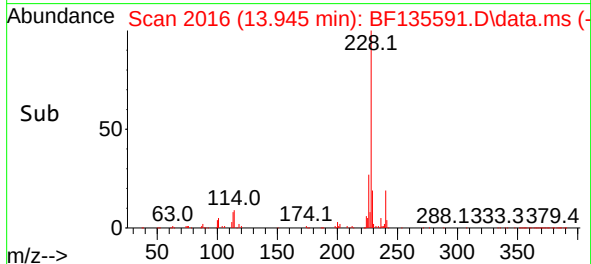
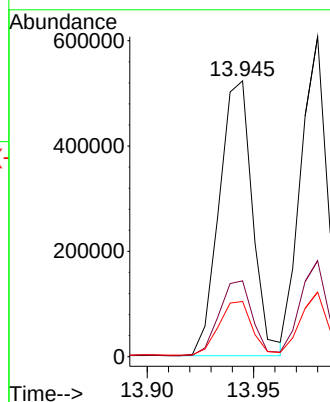
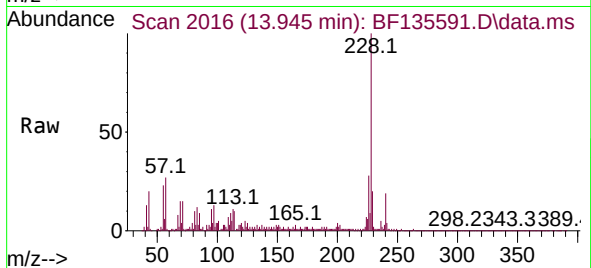
Tgt Ion:228 Resp: 569094

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 20.682 ng

RT: 13.898 min Scan# 2008

Delta R.T. 0.018 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

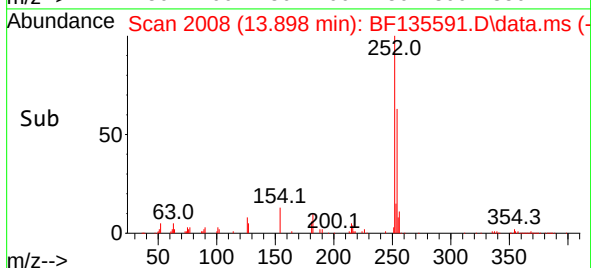
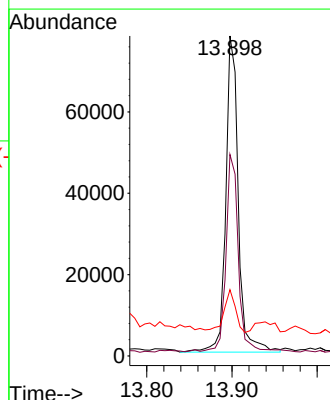
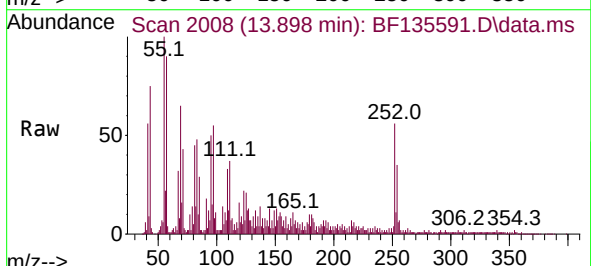
Tgt Ion:252 Resp: 79060

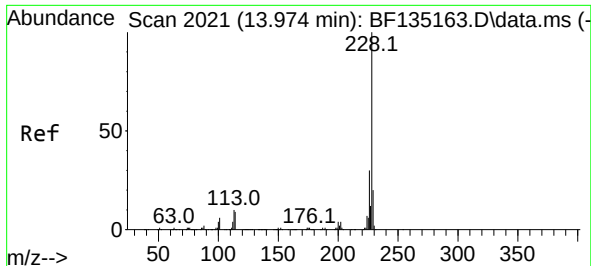
Ion Ratio Lower Upper

252 100

254 63.0 51.0 76.4

126 20.7 7.8 11.8#

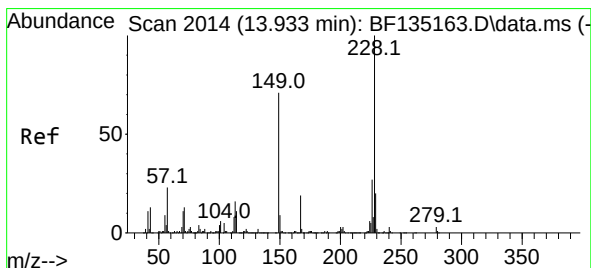
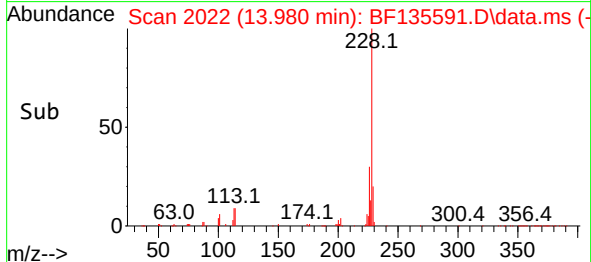
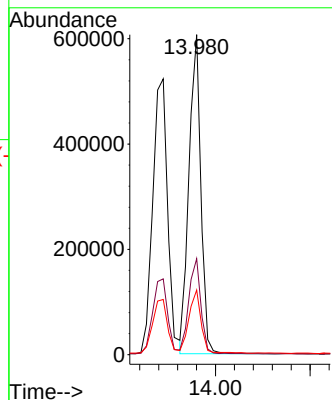
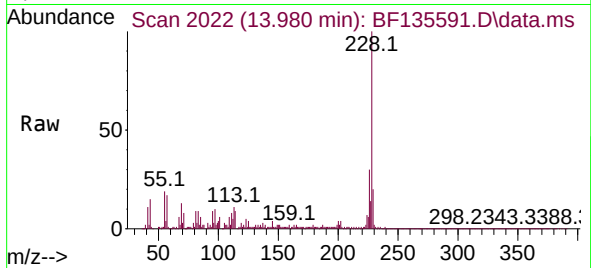




#83
Chrysene
Concen: 43.582 ng
RT: 13.980 min Scan# 2011
Delta R.T. 0.029 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

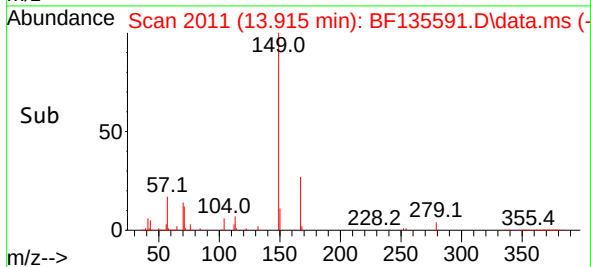
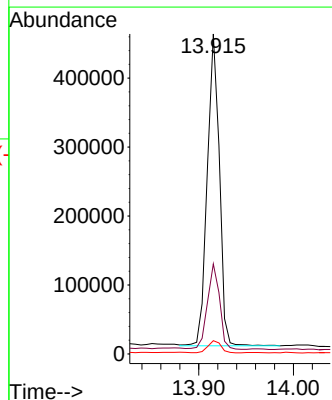
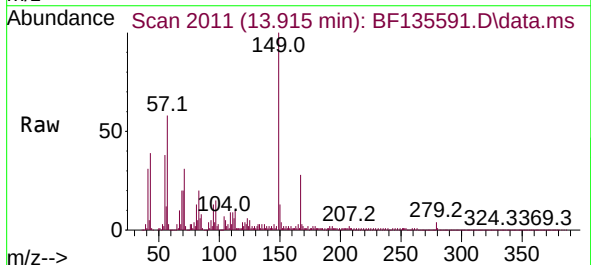
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

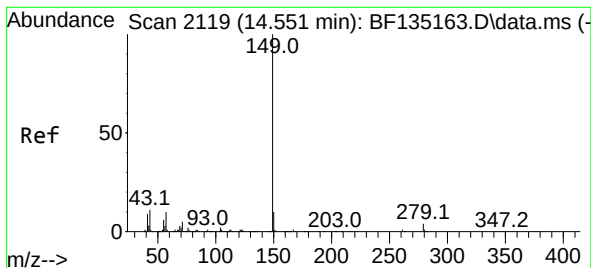
Tgt Ion:228 Resp: 530291
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 20.2 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 61.388 ng
RT: 13.915 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:149 Resp: 400220
Ion Ratio Lower Upper
149 100
167 28.2 21.9 32.9
279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 74.686 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

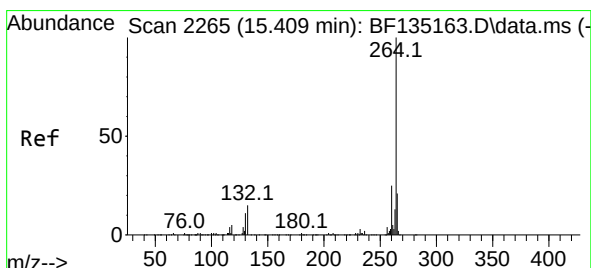
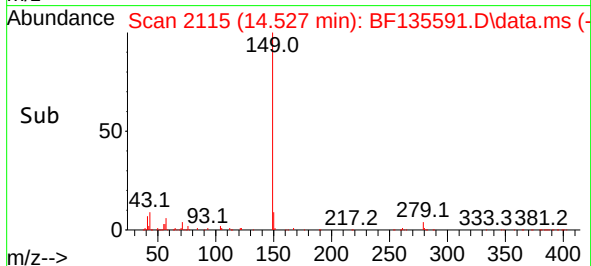
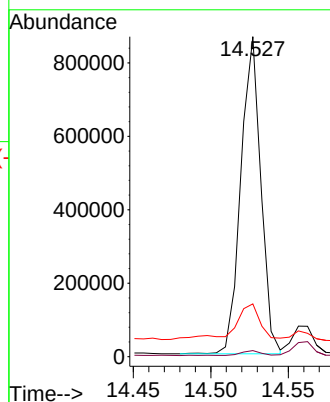
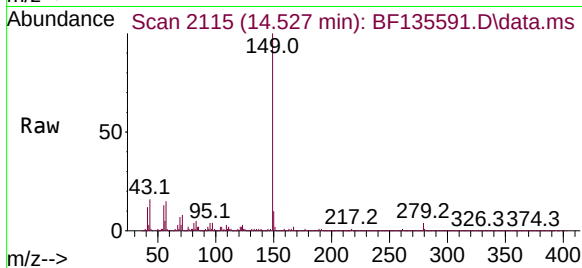
Tgt Ion:149 Resp: 773798

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 14.6 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: BF135591.D

Acq: 05 Oct 2023 02:33

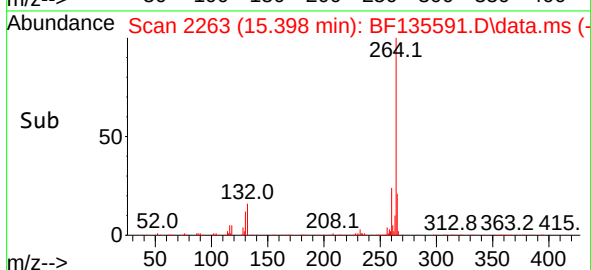
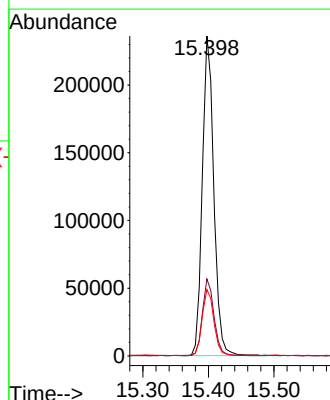
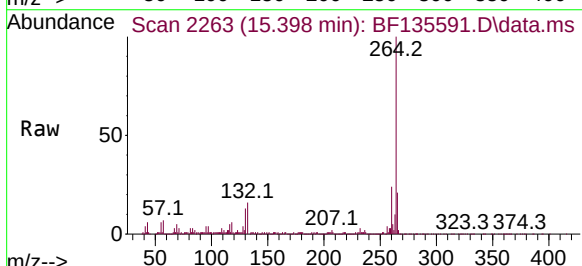
Tgt Ion:264 Resp: 288687

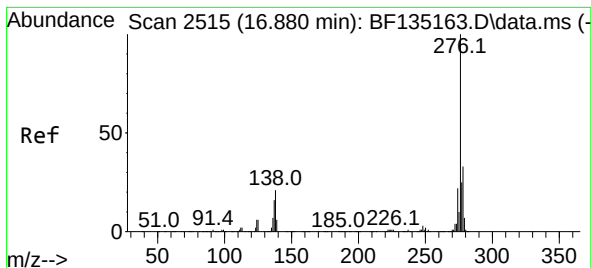
Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 20.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.766 ng

RT: 16.892 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

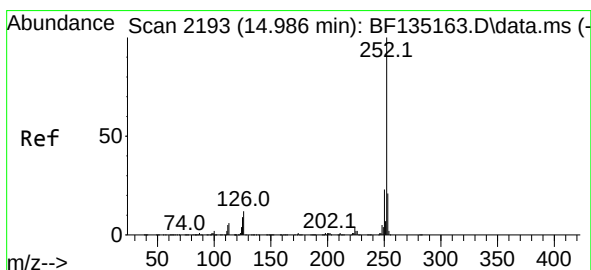
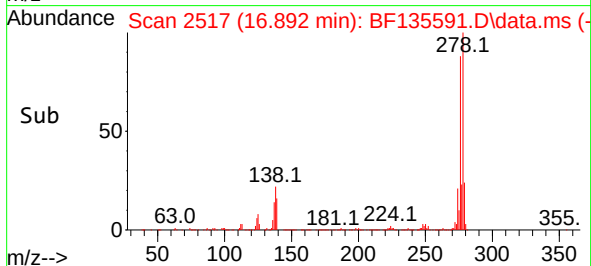
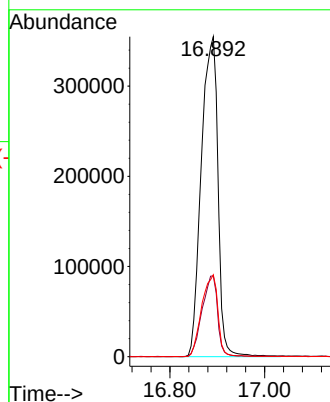
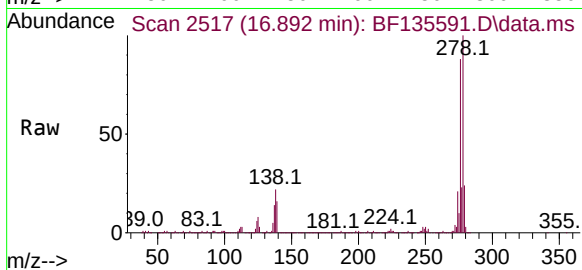
Tgt Ion:276 Resp: 866267

Ion Ratio Lower Upper

276 100

138 23.4 19.2 28.8

277 25.1 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 40.191 ng

RT: 15.009 min Scan# 2197

Delta R.T. 0.047 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

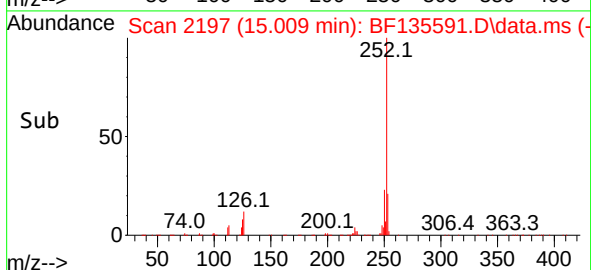
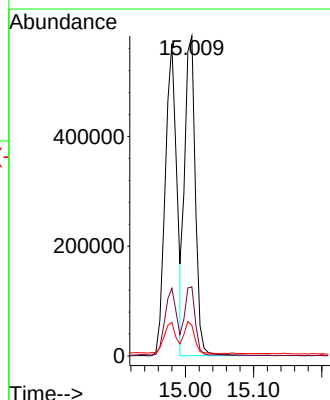
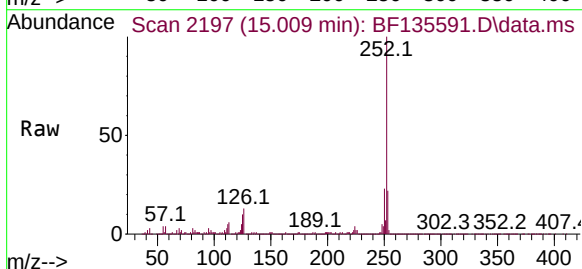
Tgt Ion:252 Resp: 628098

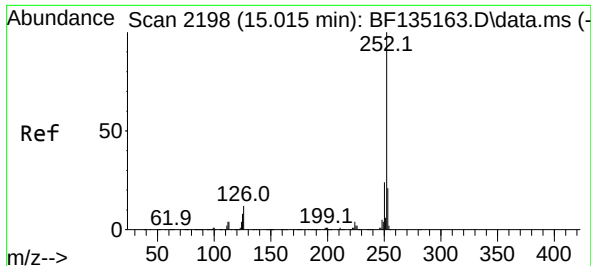
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 9.5 7.1 10.7

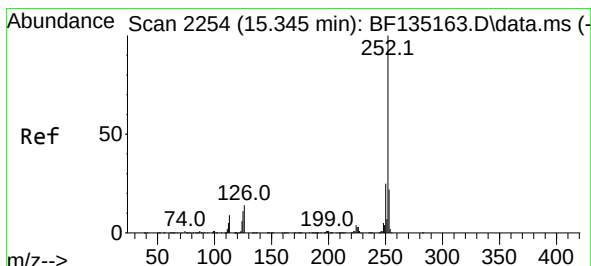
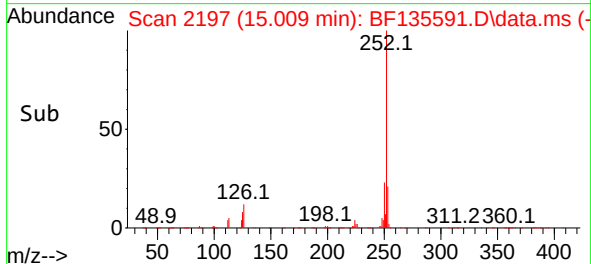
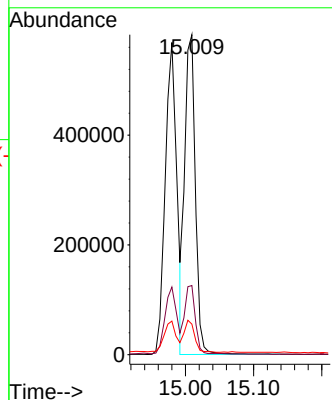
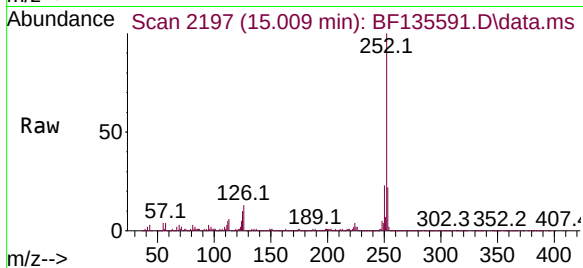




#89
Benzo(k)fluoranthene
Concen: 40.687 ng
RT: 15.009 min Scan# 2198
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

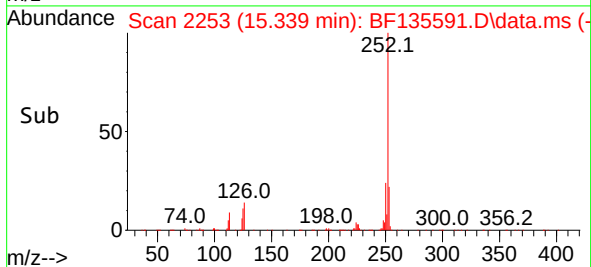
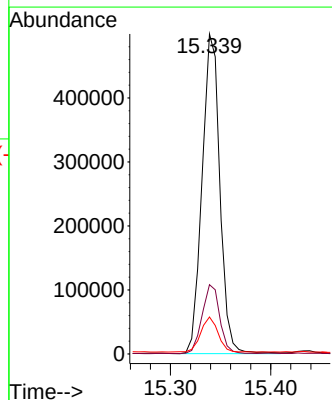
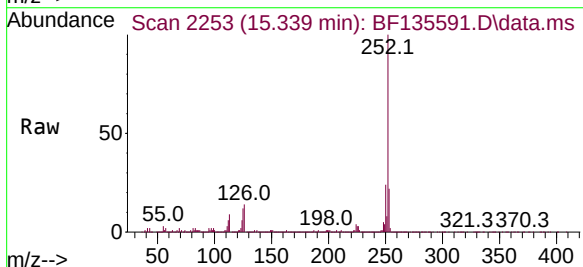
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

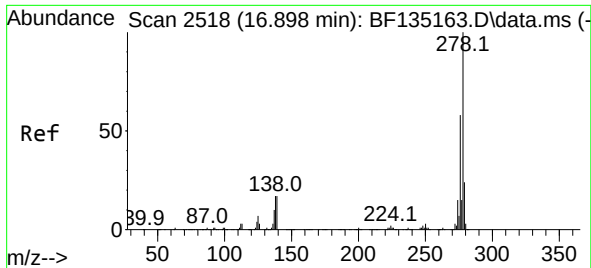
Tgt Ion:252 Resp: 628098
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.5 7.2 10.8



#90
Benzo(a)pyrene
Concen: 41.488 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:252 Resp: 618305
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.6 9.2 13.8

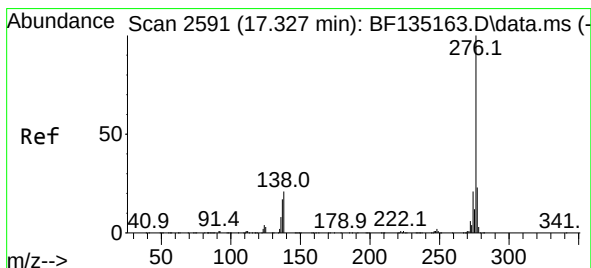
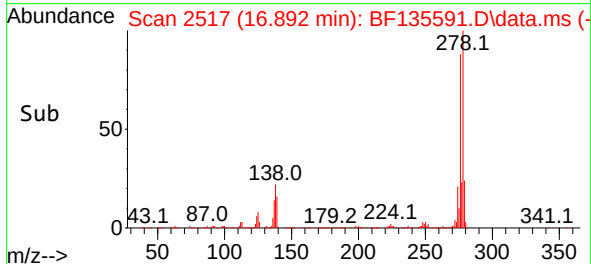
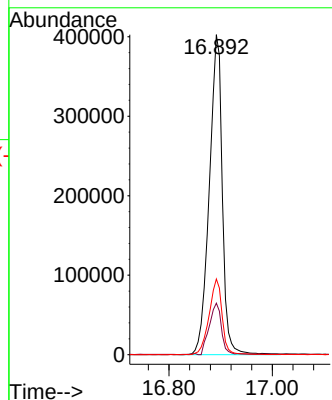
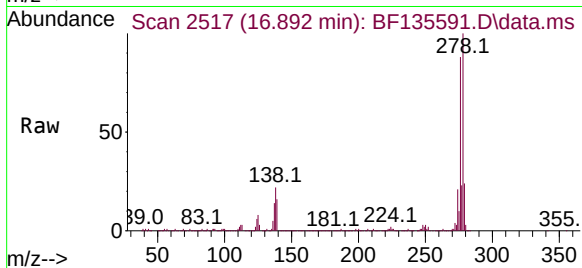




#91
Dibenzo(a,h)anthracene
Concen: 45.427 ng
RT: 16.892 min Scan# 2518
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

Tgt Ion:278 Resp: 703549
Ion Ratio Lower Upper
278 100
139 16.1 13.4 20.0
279 23.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 45.890 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:276 Resp: 742254
Ion Ratio Lower Upper
276 100
277 22.3 18.8 28.2
138 19.7 16.9 25.3

