

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133799.D
 Acq On : 16 Jun 2023 04:13
 Operator : CG\JU
 Sample : 03221-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-4194MSD

Quant Time: Jun 16 05:33:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	108696	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	392243	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	166502	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	251981	20.000	ng	0.00
76) Chrysene-d12	14.004	240	206800	20.000	ng	0.00
86) Perylene-d12	15.463	264	235375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	420210	67.302	ng	0.00
7) Phenol-d6	6.463	99	503903	62.002	ng	0.00
23) Nitrobenzene-d5	7.398	82	341154	47.373	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	108961	51.699	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	620676	52.990	ng	0.00
79) Terphenyl-d14	12.939	244	493034	36.890	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	108148	39.399	ng	97
3) Pyridine	3.357	79	285674	35.706	ng	96
4) n-Nitrosodimethylamine	3.316	42	196668	44.470	ng	97
6) Aniline	6.493	93	400720	39.147	ng	100
8) 2-Chlorophenol	6.616	128	317963	48.324	ng	96
9) Benzaldehyde	6.381	77	181374	33.638	ng	96
10) Phenol	6.475	94	395147	46.563	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	291793	46.315	ng	96
12) 1,3-Dichlorobenzene	6.775	146	342362	48.699	ng	99
13) 1,4-Dichlorobenzene	6.851	146	346775	48.803	ng	97
14) 1,2-Dichlorobenzene	6.998	146	330018	51.400	ng	98
15) Benzyl Alcohol	6.975	79	289067	45.540	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	523729	49.039	ng	100
17) 2-Methylphenol	7.087	107	255584	43.824	ng	100
18) Hexachloroethane	7.340	117	128739	52.923	ng	94
19) n-Nitroso-di-n-propyla...	7.245	70	223110	43.147	ng	97
20) 3+4-Methylphenols	7.240	107	304842	40.181	ng	# 89
22) Acetophenone	7.245	105	432247	48.047	ng	# 97
24) Nitrobenzene	7.416	77	345198	47.604	ng	99
25) Isophorone	7.657	82	610104	46.146	ng	98
26) 2-Nitrophenol	7.734	139	173419	53.288	ng	97
27) 2,4-Dimethylphenol	7.769	122	271829	48.461	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	352297	46.104	ng	97
29) 2,4-Dichlorophenol	7.975	162	250930	45.644	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	274665	47.887	ng	98
31) Naphthalene	8.139	128	856466	44.818	ng	99
32) Benzoic acid	7.875	122	154690	43.727	ng	95
33) 4-Chloroaniline	8.187	127	267993	32.798	ng	98
34) Hexachlorobutadiene	8.251	225	173781	46.276	ng	97
35) Caprolactam	8.563	113	64466	34.849	ng	99
36) 4-Chloro-3-methylphenol	8.663	107	261714	41.301	ng	96
37) 2-Methylnaphthalene	8.828	142	562377	42.354	ng	100
38) 1-Methylnaphthalene	8.928	142	519593	42.526	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	262182	51.796	ng	99
41) Hexachlorocyclopentadiene	8.981	237	239446	106.151	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	167212	49.434	ng	98

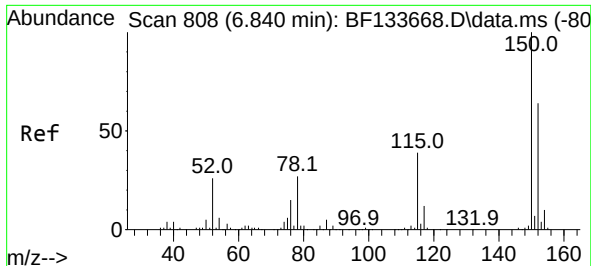
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 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	168048	42.704	ng	98
46) 1,1'-Biphenyl	9.292	154	683860	50.926	ng	99
47) 2-Chloronaphthalene	9.316	162	493820	51.266	ng	99
48) 2-Nitroaniline	9.416	65	165328	46.930	ng	98
49) Acenaphthylene	9.733	152	780946	46.580	ng	100
50) Dimethylphthalate	9.592	163	571375	45.975	ng	99
51) 2,6-Dinitrotoluene	9.657	165	119589	46.619	ng	# 84
52) Acenaphthene	9.904	154	459986	46.873	ng	99
53) 3-Nitroaniline	9.828	138	116578	37.344	ng	94
54) 2,4-Dinitrophenol	9.933	184	94000	75.346	ng	99
55) Dibenzofuran	10.075	168	676228	45.159	ng	97
56) 4-Nitrophenol	9.986	139	164619	78.135	ng	84
57) 2,4-Dinitrotoluene	10.057	165	143692	44.044	ng	97
58) Fluorene	10.422	166	497884	43.478	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	125437	42.576	ng	99
60) Diethylphthalate	10.292	149	536392	42.407	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	243448	43.064	ng	99
62) 4-Nitroaniline	10.439	138	106453	34.779	ng	96
63) Azobenzene	10.569	77	513656	42.897	ng	99
65) 4,6-Dinitro-2-methylph...	10.469	198	62365	51.794	ng	100
66) n-Nitrosodiphenylamine	10.528	169	425489	50.270	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	134356	47.772	ng	92
68) Hexachlorobenzene	10.963	284	143481	48.514	ng	97
69) Atrazine	11.057	200	120788	49.184	ng	99
70) Pentachlorophenol	11.163	266	147575	83.330	ng	99
71) Phenanthrene	11.380	178	634646	49.643	ng	99
72) Anthracene	11.433	178	614025	46.063	ng	99
73) Carbazole	11.586	167	565403	45.541	ng	99
74) Di-n-butylphthalate	11.916	149	641000	40.274	ng	99
75) Fluoranthene	12.574	202	764447	56.309	ng	100
77) Benzidine	12.698	184	355621	51.247	ng	99
78) Pyrene	12.804	202	807699	41.927	ng	100
80) Butylbenzylphthalate	13.421	149	289865	35.642	ng	99
81) Benzo(a)anthracene	13.992	228	764277	53.429	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	241464	50.774	ng	98
83) Chrysene	14.033	228	729826	53.944	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	410871	41.031	ng	99
85) Di-n-octyl phthalate	14.598	149	786673	55.283	ng	97
87) Indeno(1,2,3-cd)pyrene	16.927	276	689929	42.606	ng	99
88) Benzo(b)fluoranthene	15.045	252	921944	64.480	ng	99
89) Benzo(k)fluoranthene	15.074	252	735114	52.780	ng	98
90) Benzo(a)pyrene	15.404	252	713936	53.802	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	534609	39.878	ng	99
92) Benzo(g,h,i)perylene	17.374	276	541566	40.744	ng	98

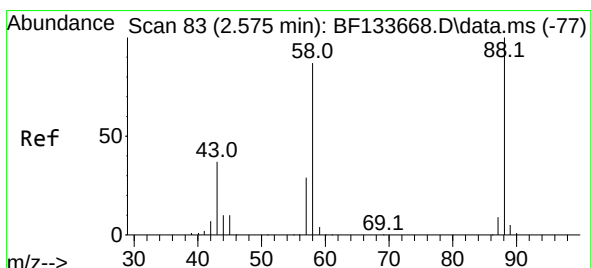
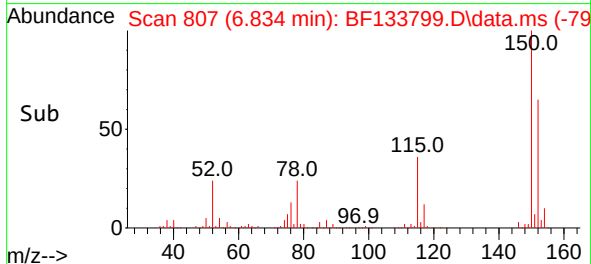
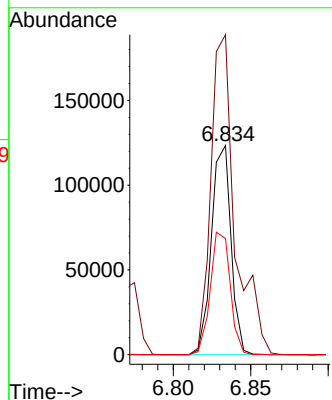
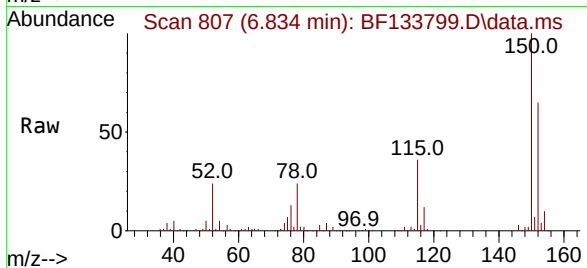
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
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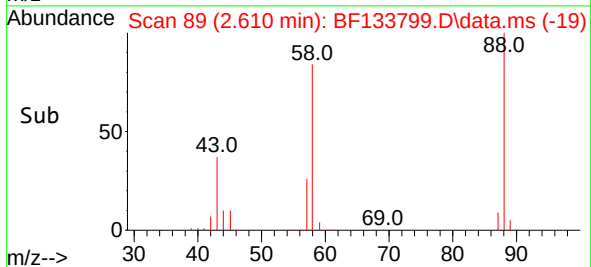
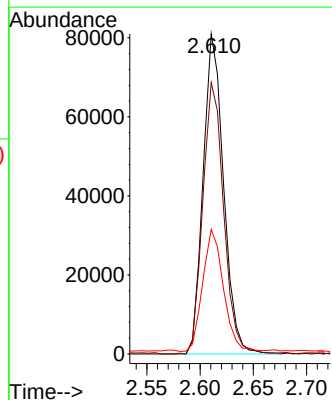
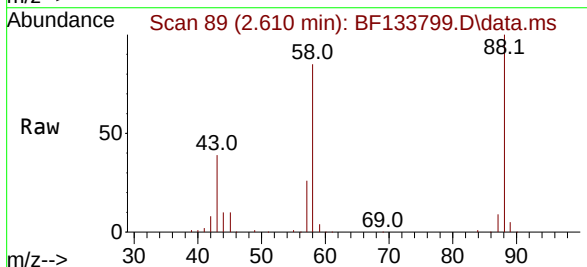
Instrument :
 BNA_F
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 RT-4194MSD

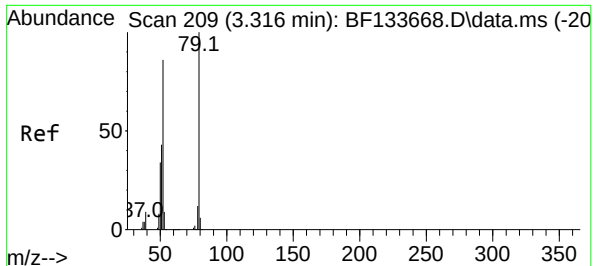
Tgt Ion:152 Resp: 108696
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.3 186.5
 115 55.5 48.5 72.7



#2
 1,4-Dioxane
 Concen: 39.399 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.065 min
 Lab File: BF133799.D
 Acq: 16 Jun 2023 04:13

Tgt Ion: 88 Resp: 108148
 Ion Ratio Lower Upper
 88 100
 58 87.1 67.8 101.6
 43 38.7 29.8 44.6

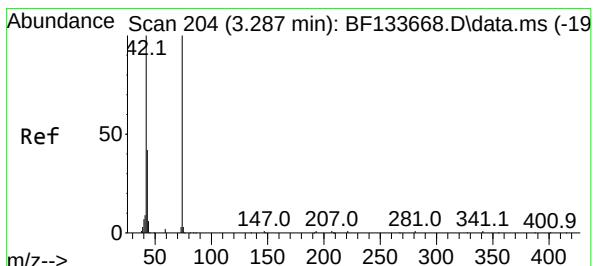
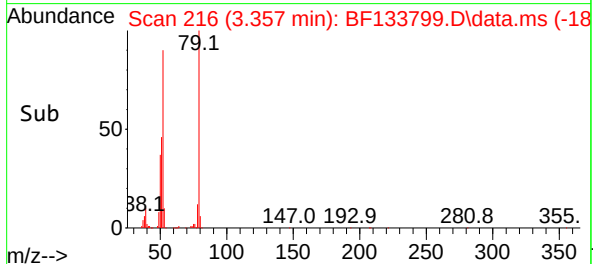
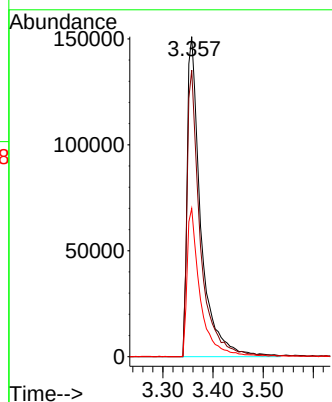
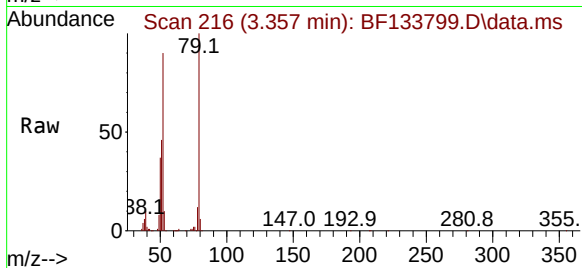




#3
Pyridine
Concen: 35.706 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.065 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

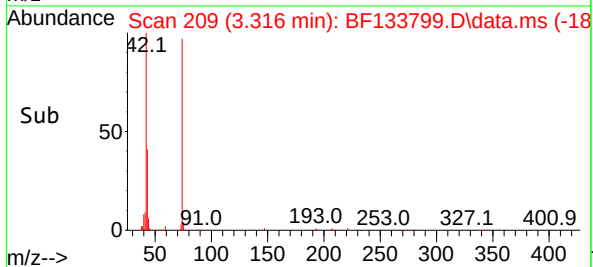
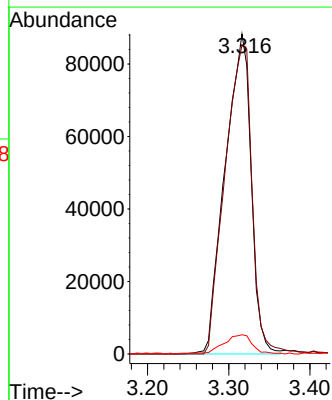
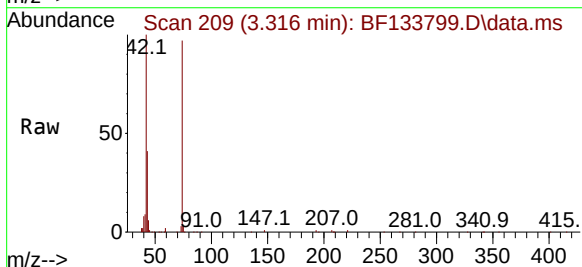
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

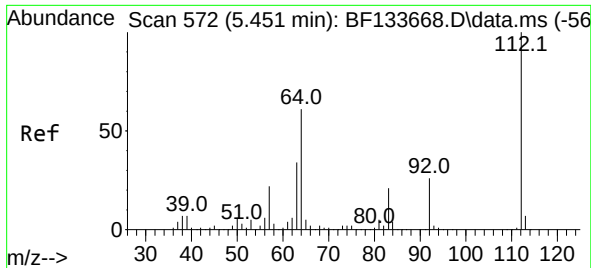
Tgt Ion: 79 Resp: 285674
Ion Ratio Lower Upper
79 100
52 89.5 68.6 102.8
51 46.3 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 44.470 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.071 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion: 42 Resp: 196668
Ion Ratio Lower Upper
42 100
74 96.5 79.8 119.8
44 6.0 4.7 7.1

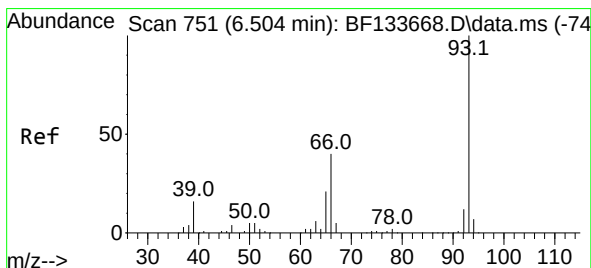
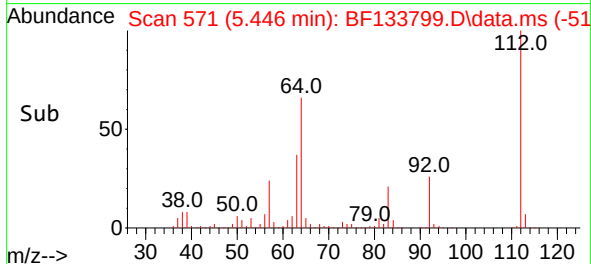
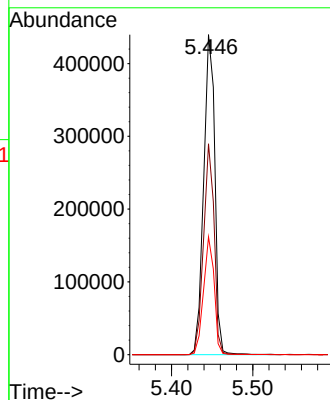
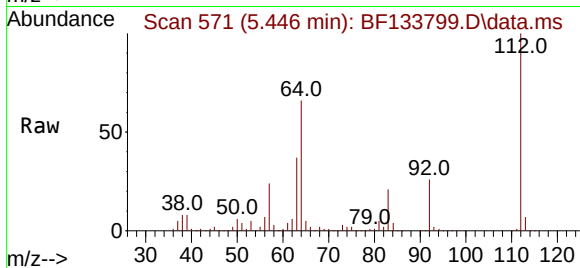




#5
2-Fluorophenol
Concen: 67.302 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

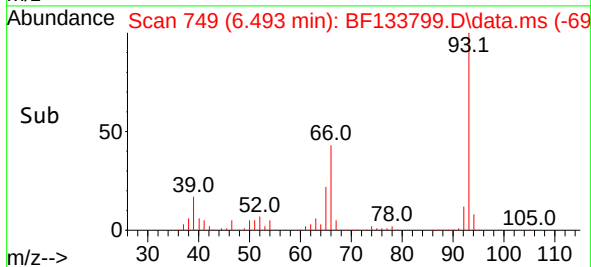
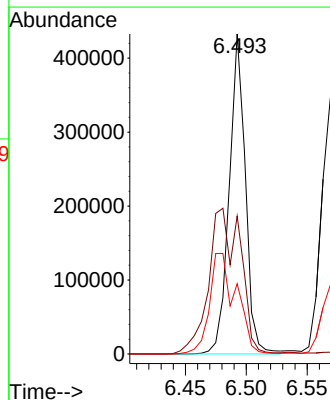
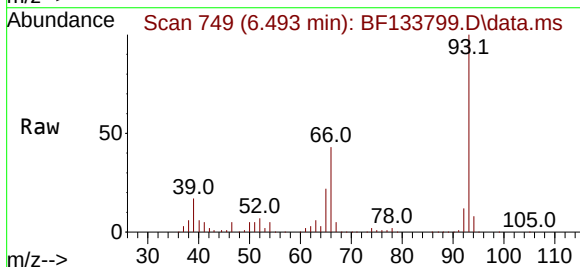
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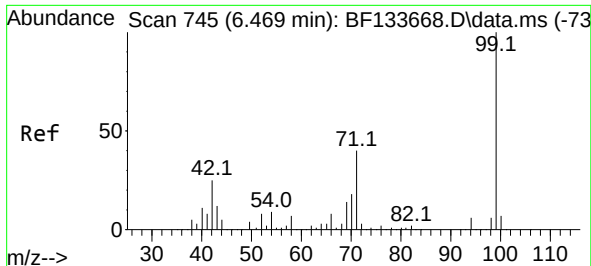
Tgt Ion:112 Resp: 420210
Ion Ratio Lower Upper
112 100
64 65.9 49.0 73.4
63 36.8 26.8 40.2



#6
Aniline
Concen: 39.147 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion: 93 Resp: 400720
Ion Ratio Lower Upper
93 100
66 43.1 34.4 51.6
65 22.0 17.5 26.3

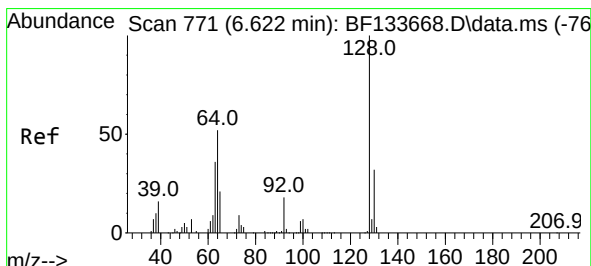
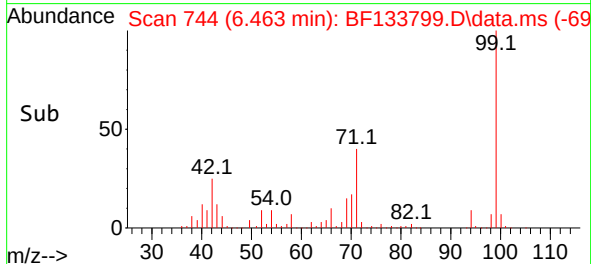
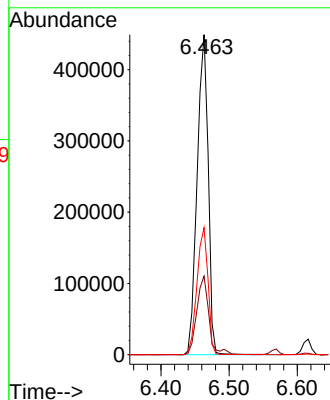
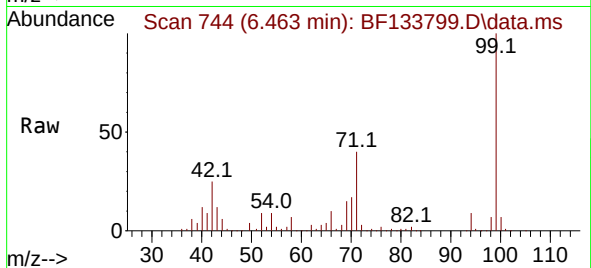




#7
Phenol-d6
Concen: 62.002 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

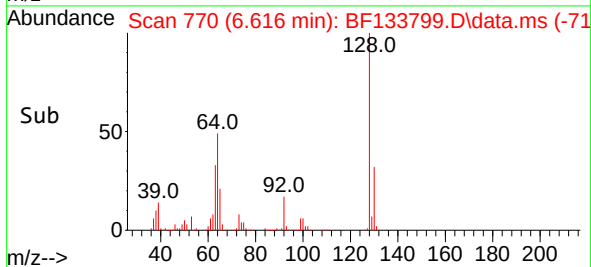
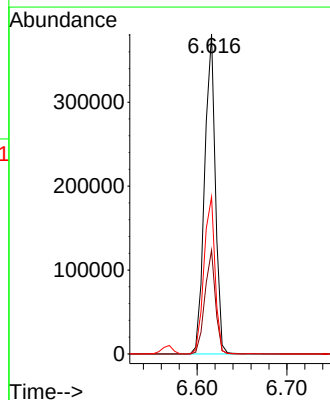
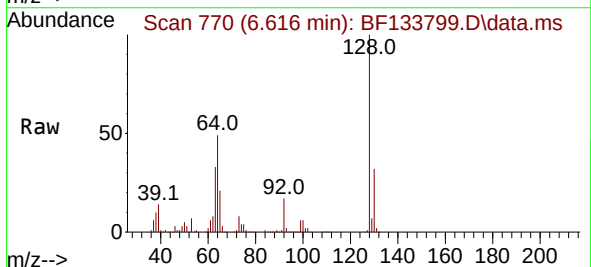
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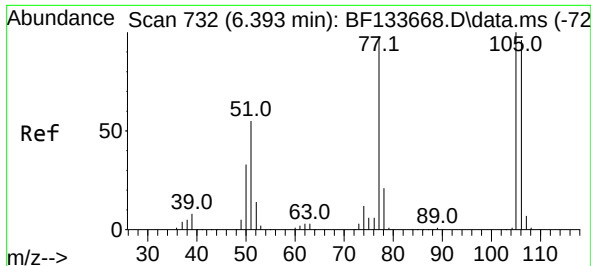
Tgt Ion: 99 Resp: 503903
Ion Ratio Lower Upper
99 100
42 24.6 19.9 29.9
71 39.7 32.2 48.4



#8
2-Chlorophenol
Concen: 48.324 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:128 Resp: 317963
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 49.1 33.1 73.1





#9

Benzaldehyde

Concen: 33.638 ng

RT: 6.381 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

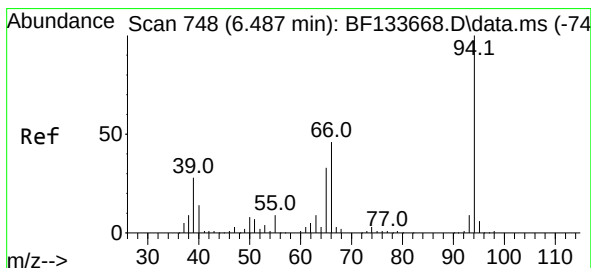
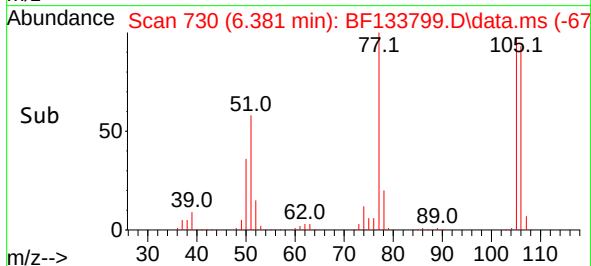
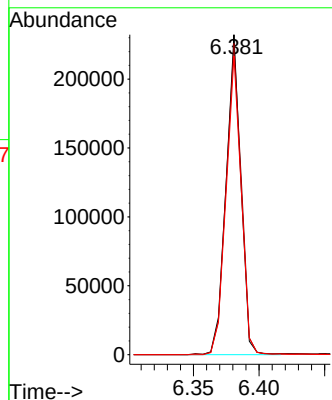
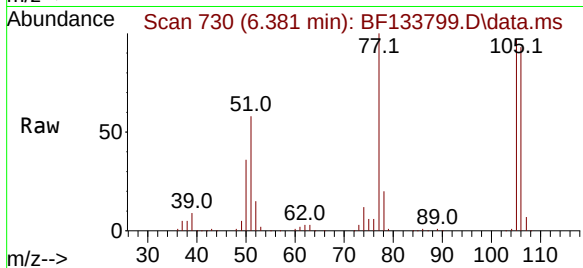
Tgt Ion: 77 Resp: 181374

Ion Ratio Lower Upper

77 100

105 97.3 82.0 122.0

106 93.4 77.6 117.6



#10

Phenol

Concen: 46.563 ng

RT: 6.475 min Scan# 746

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

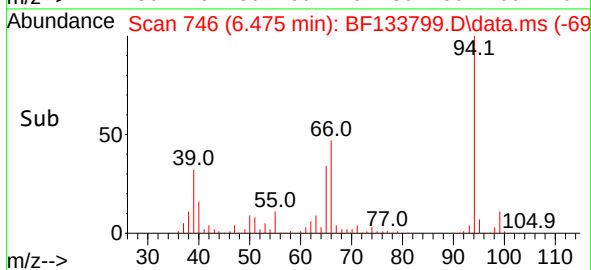
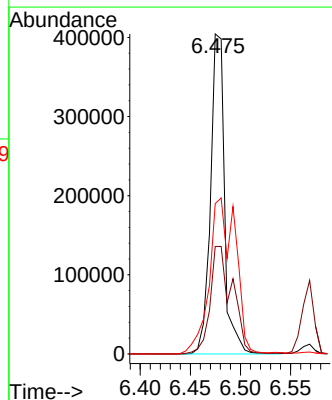
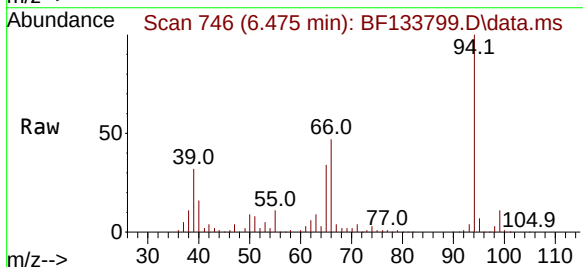
Tgt Ion: 94 Resp: 395147

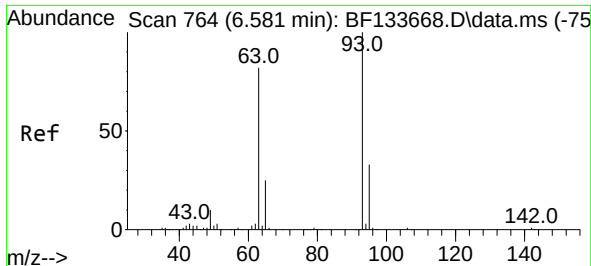
Ion Ratio Lower Upper

94 100

65 33.6 13.2 53.2

66 47.0 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 46.315 ng

RT: 6.569 min Scan# 70

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

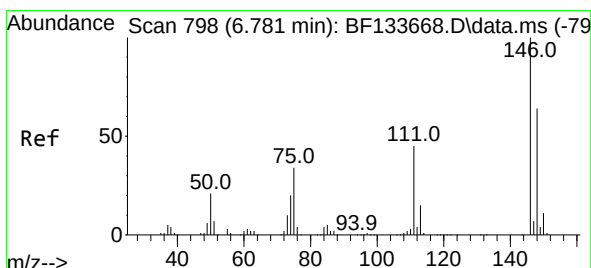
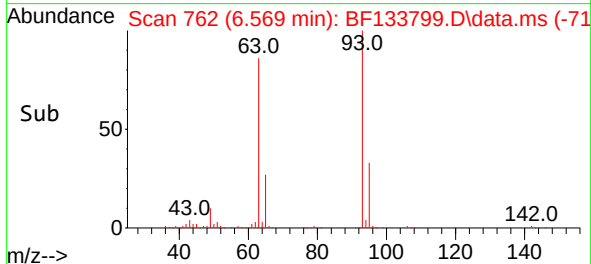
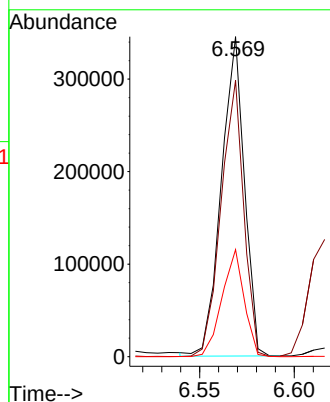
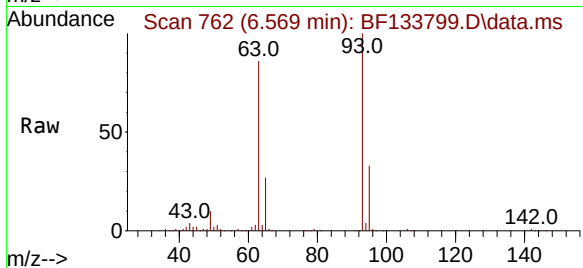
Tgt Ion: 93 Resp: 291793

Ion Ratio Lower Upper

93 100

63 86.4 62.1 102.1

95 33.4 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 48.699 ng

RT: 6.775 min Scan# 797

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

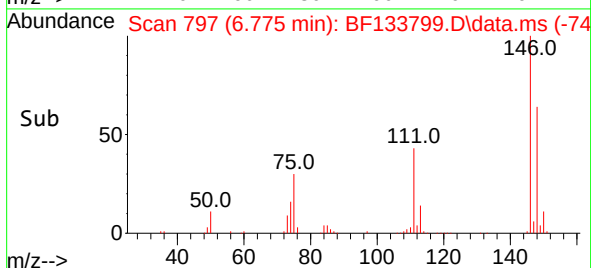
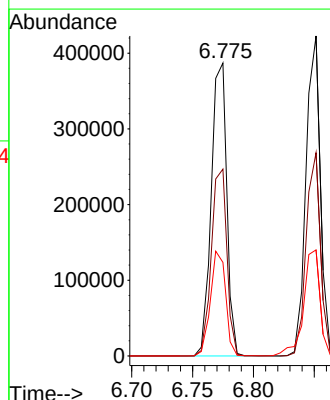
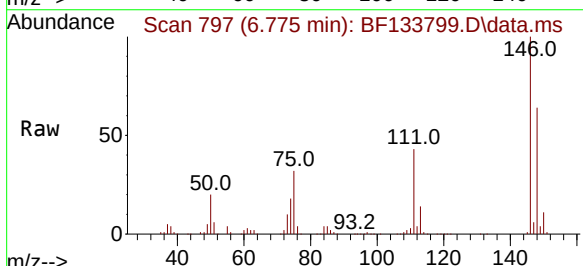
Tgt Ion:146 Resp: 342362

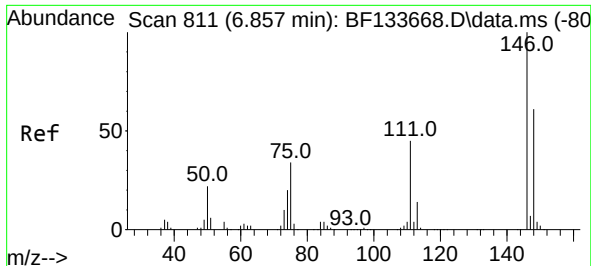
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

75 32.0 27.1 40.7

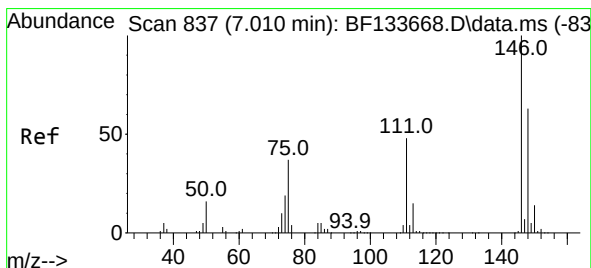
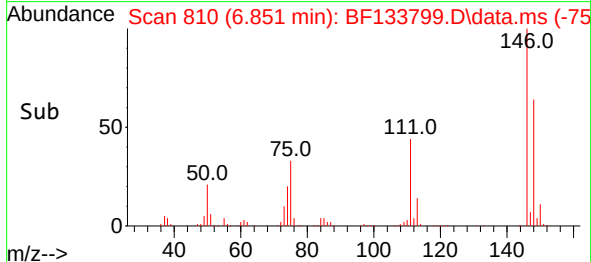
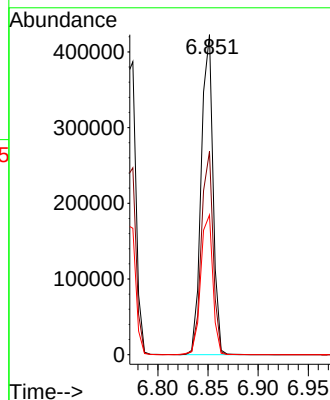
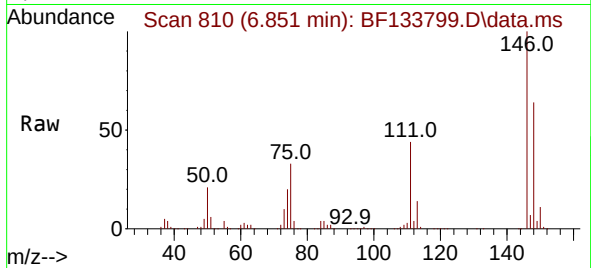




#13
 1,4-Dichlorobenzene
 Concen: 48.803 ng
 RT: 6.851 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: BF133799.D
 Acq: 16 Jun 2023 04:13

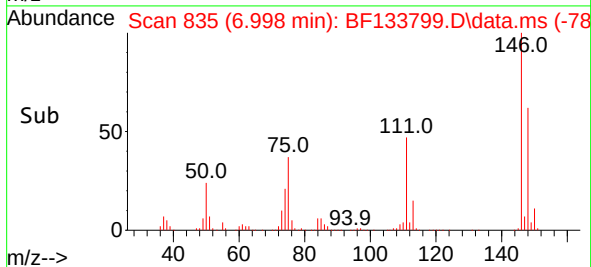
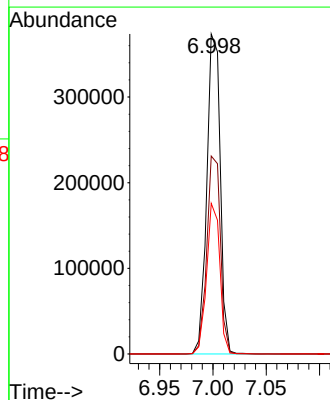
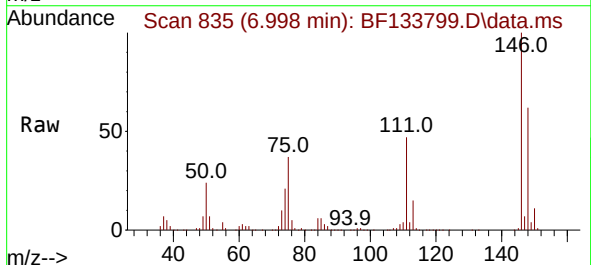
Instrument :
 BNA_F
 ClientSampleId :
 RT-4194MSD

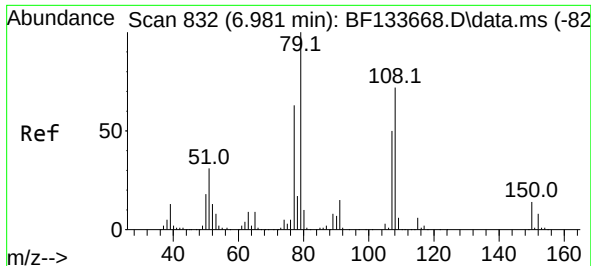
Tgt Ion:146 Resp: 346775
 Ion Ratio Lower Upper
 146 100
 148 63.5 48.9 73.3
 111 43.7 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 51.400 ng
 RT: 6.998 min Scan# 835
 Delta R.T. -0.006 min
 Lab File: BF133799.D
 Acq: 16 Jun 2023 04:13

Tgt Ion:146 Resp: 330018
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.6 75.8
 111 47.0 38.7 58.1

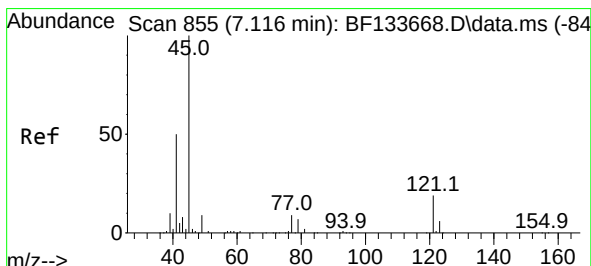
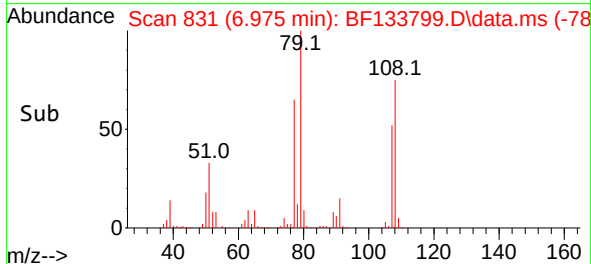
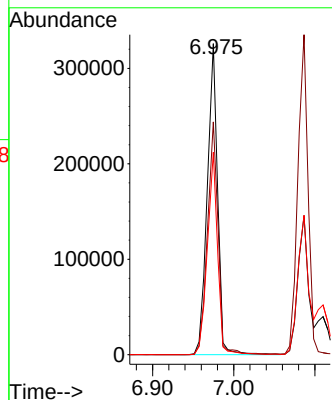
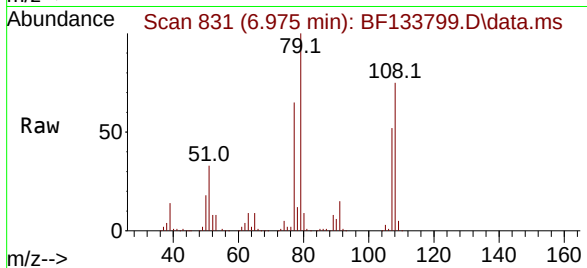




#15
Benzyl Alcohol
Concen: 45.540 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

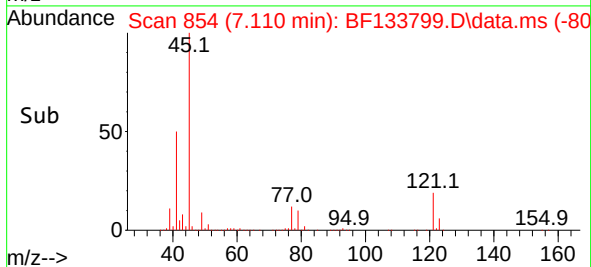
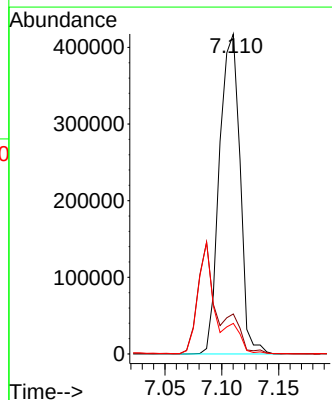
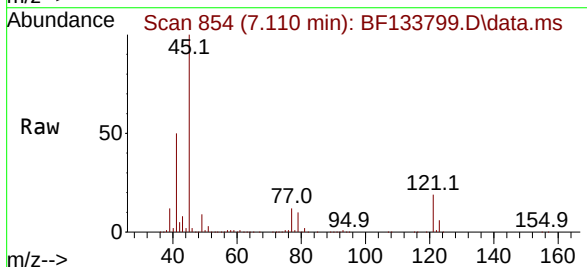
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

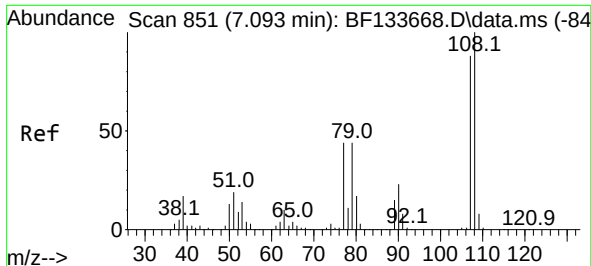
Tgt Ion: 79 Resp: 289067
Ion Ratio Lower Upper
79 100
108 74.8 57.9 86.9
77 65.1 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.039 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion: 45 Resp: 523729
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.3
79 9.6 0.0 29.4

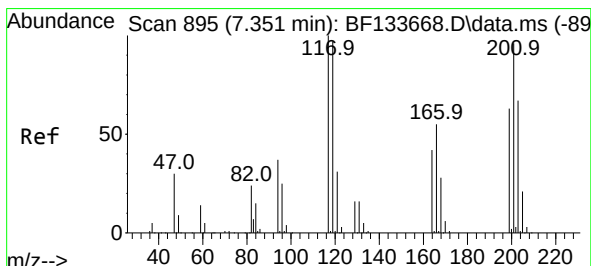
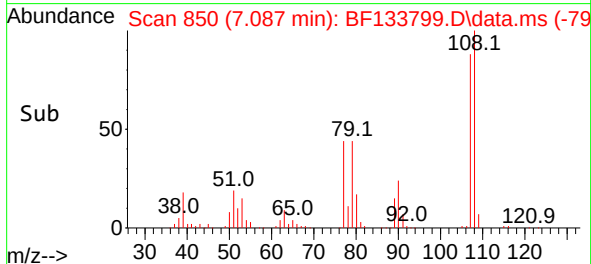
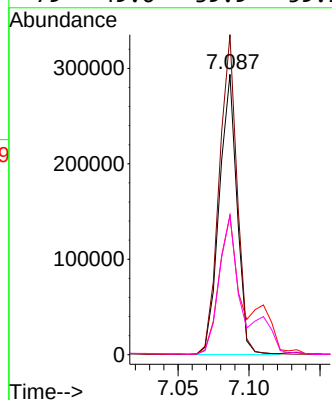
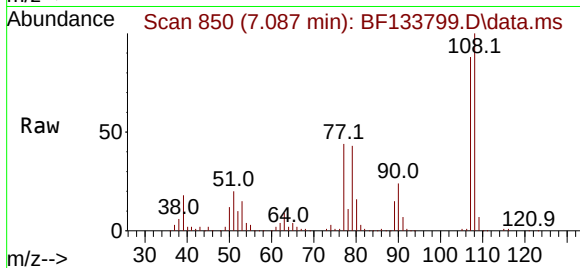




#17
2-Methylphenol
Concen: 43.824 ng
RT: 7.087 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

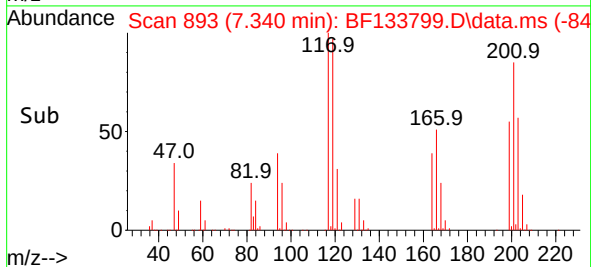
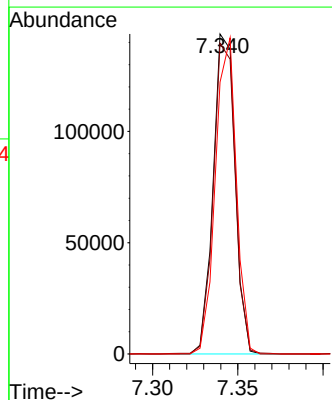
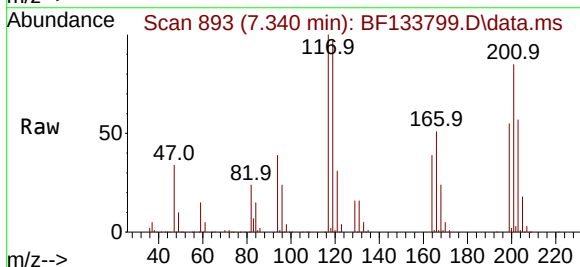
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

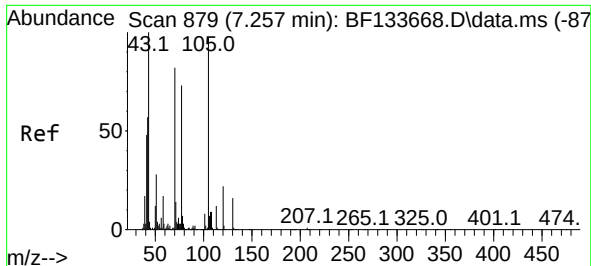
Tgt Ion:	107	Resp:	255584
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.9	136.3
77	49.7	39.8	59.6
79	49.6	39.9	59.9



#18
Hexachloroethane
Concen: 52.923 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:	117	Resp:	128739
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.3	115.9
201	84.9	76.8	115.2



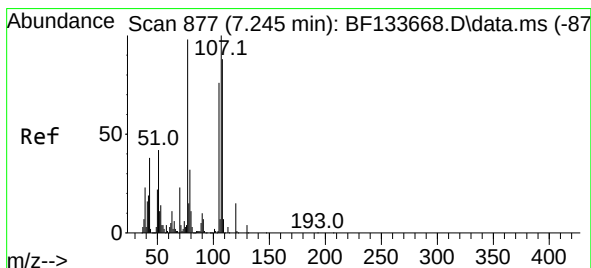
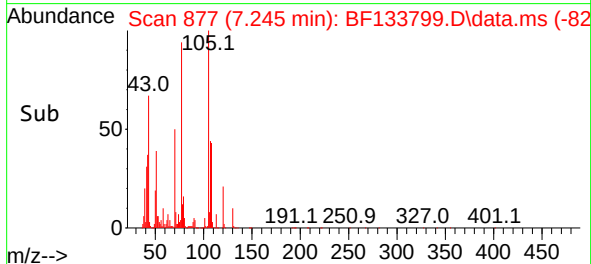
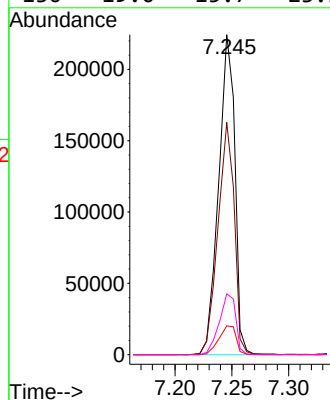
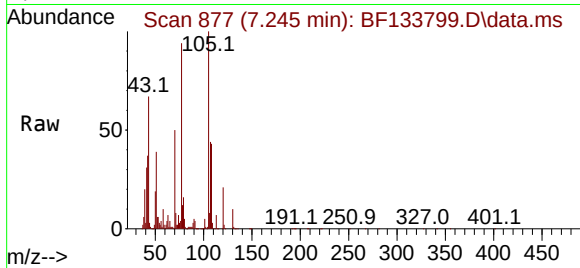


#19
n-Nitroso-di-n-propylamine
Concen: 43.147 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

Tgt Ion: 70 Resp: 223110

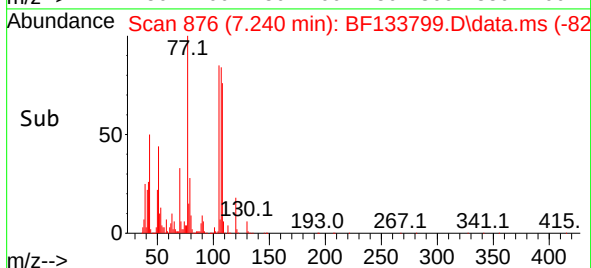
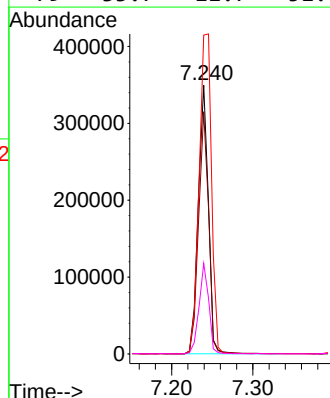
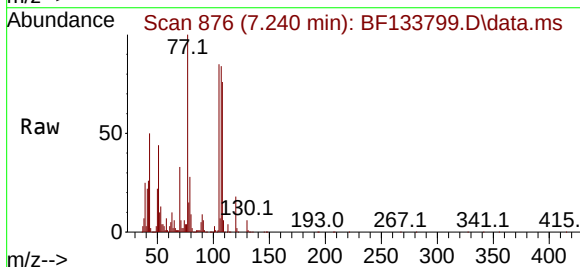
Ion	Ratio	Lower	Upper
70	100		
42	72.6	55.8	83.8
101	9.0	8.1	12.1
130	19.0	15.7	23.5

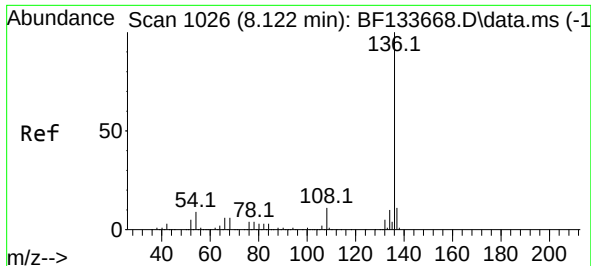


#20
3+4-Methylphenols
Concen: 40.181 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion: 107 Resp: 304842

Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.9	107.9
77	118.6	77.7	117.7#
79	33.7	11.7	51.7

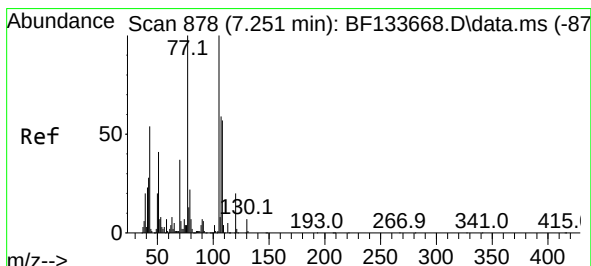
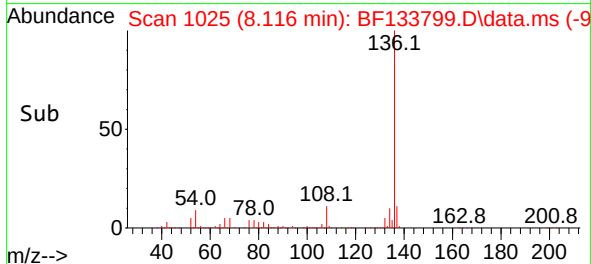
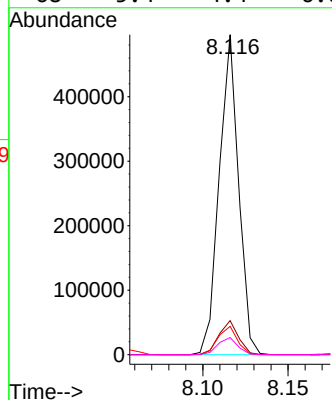
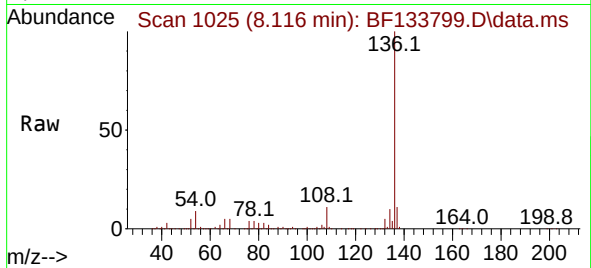




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

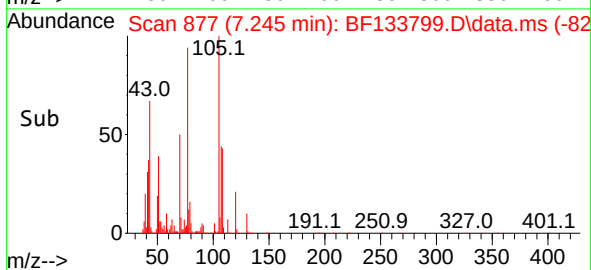
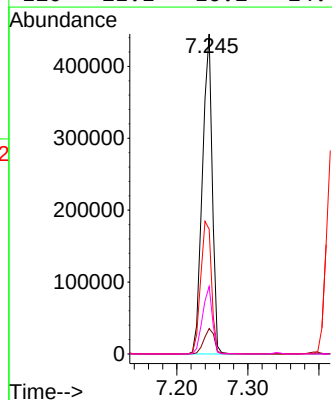
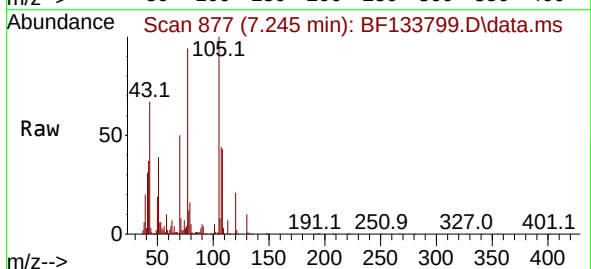
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

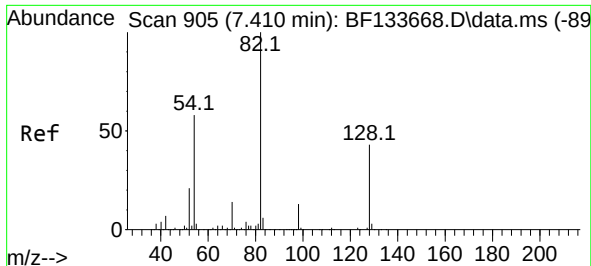
Tgt Ion:136 Resp: 392243
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.9 7.4 11.0
68 5.4 4.4 6.6



#22
Acetophenone
Concen: 48.047 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:105 Resp: 432247
Ion Ratio Lower Upper
105 100
71 8.0 4.8 7.2#
51 39.0 33.0 49.4
120 21.1 16.2 24.4





#23

Nitrobenzene-d5

Concen: 47.373 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

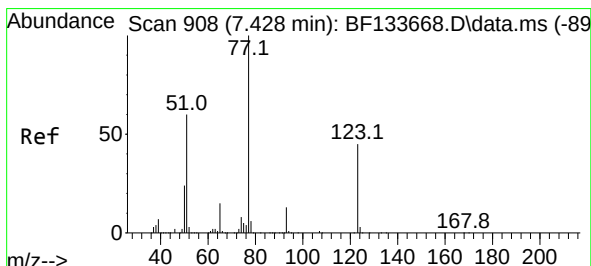
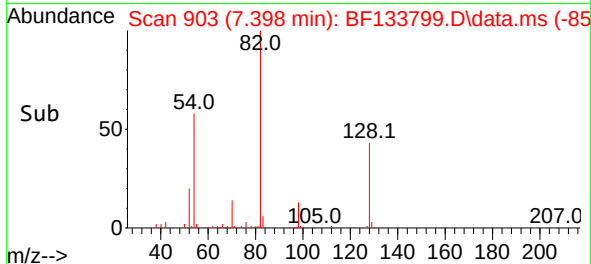
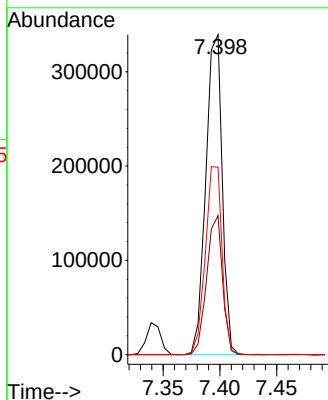
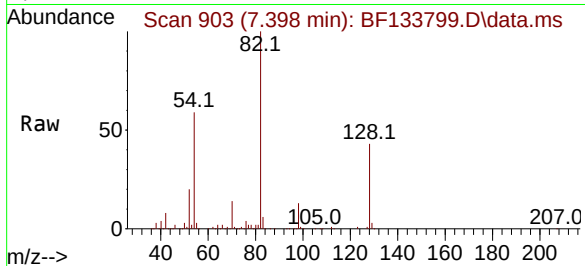
Tgt Ion: 82 Resp: 341154

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.2

54 58.6 46.5 69.7



#24

Nitrobenzene

Concen: 47.604 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

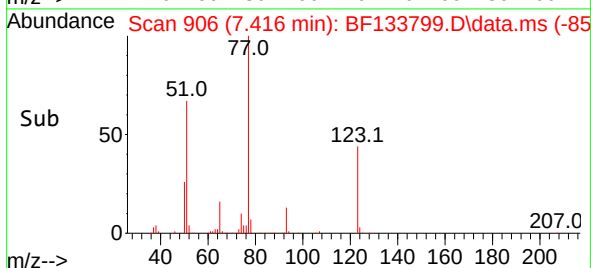
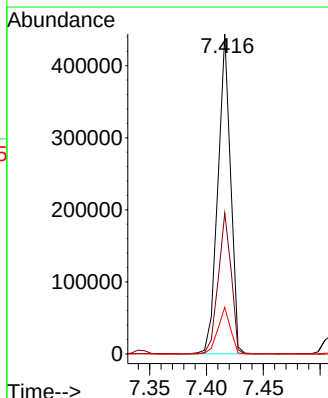
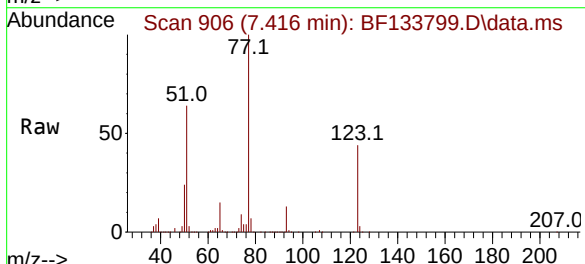
Tgt Ion: 77 Resp: 345198

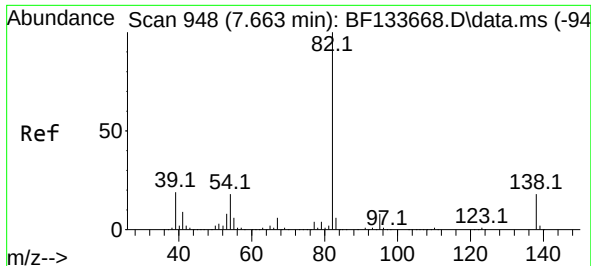
Ion Ratio Lower Upper

77 100

123 44.1 35.8 53.8

65 14.5 11.6 17.4

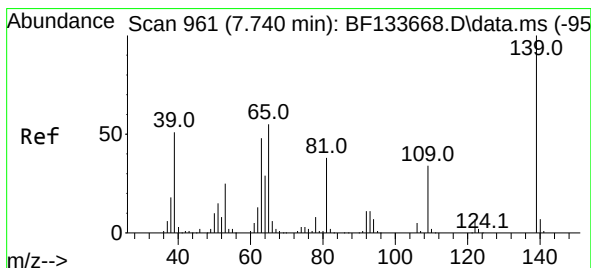
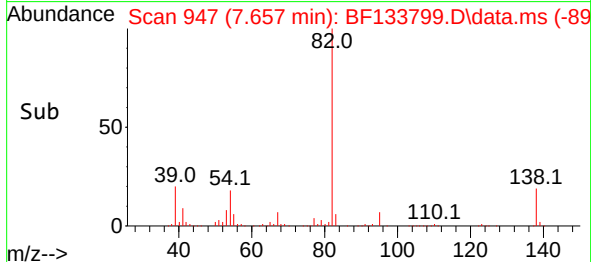
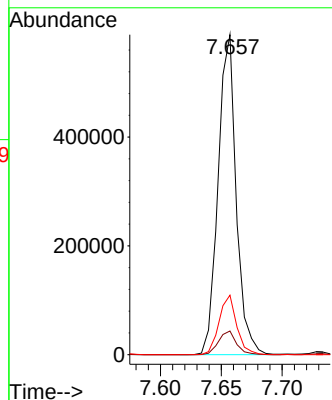
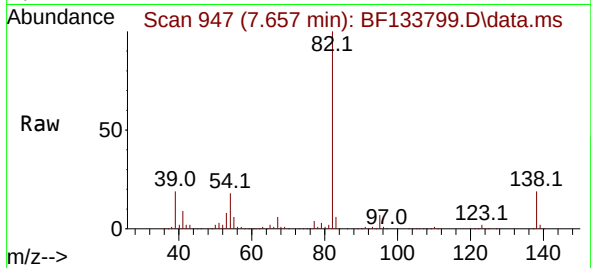




#25
Isophorone
Concen: 46.146 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

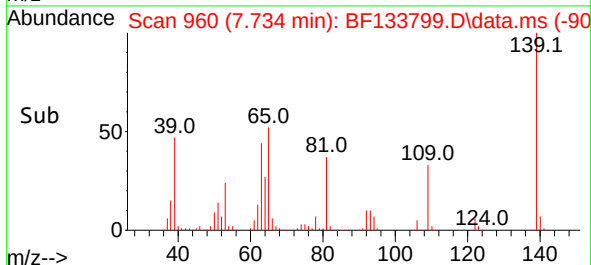
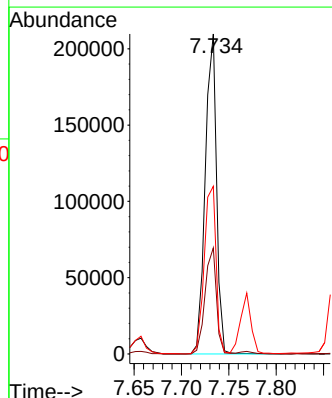
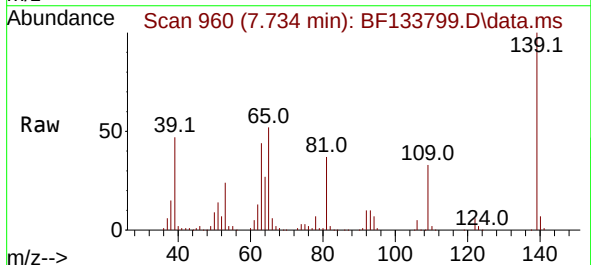
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

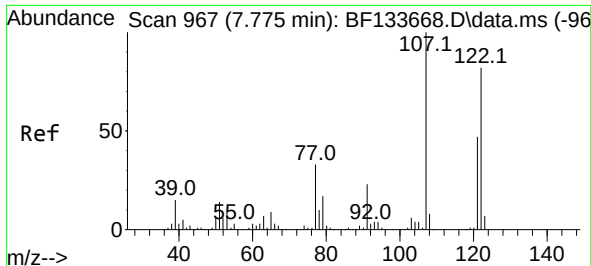
Tgt Ion: 82 Resp: 610104
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.6 14.2 21.2



#26
2-Nitrophenol
Concen: 53.288 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:139 Resp: 173419
Ion Ratio Lower Upper
139 100
109 33.1 27.0 40.6
65 52.4 44.2 66.4

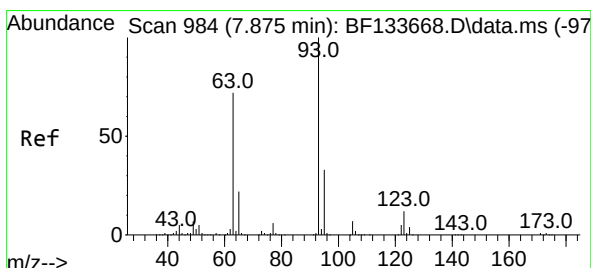
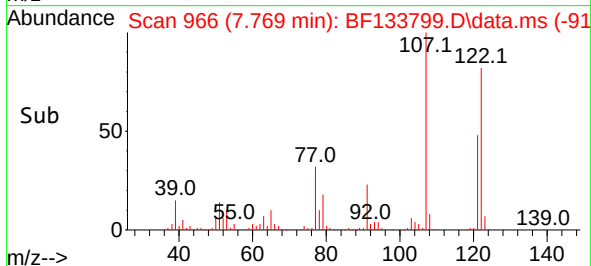
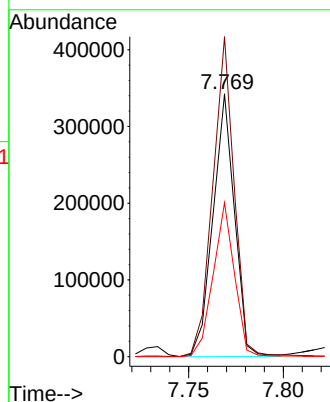
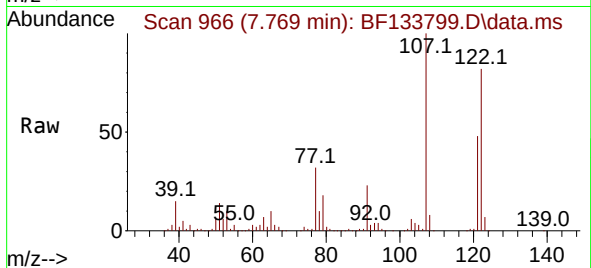




#27
2,4-Dimethylphenol
Concen: 48.461 ng
RT: 7.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

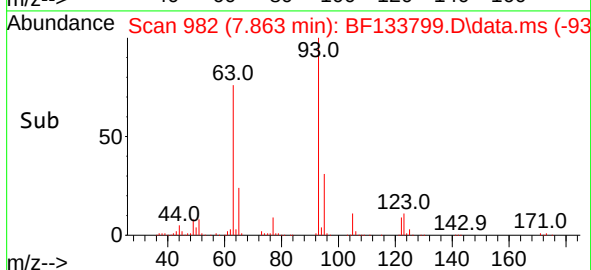
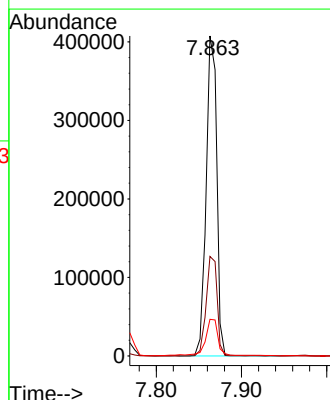
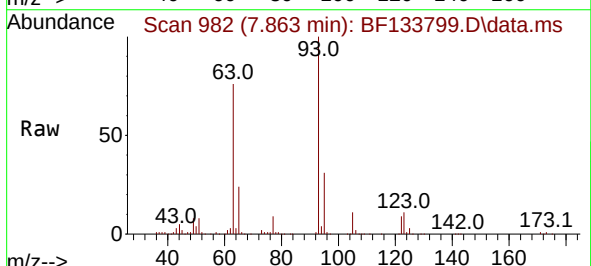
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

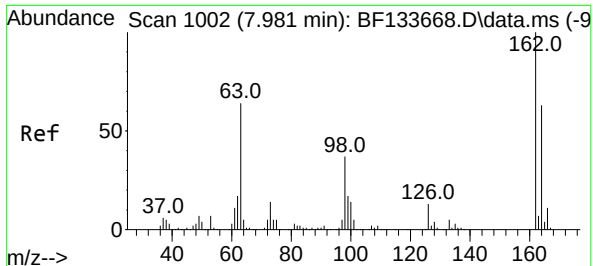
Tgt Ion:122 Resp: 271829
Ion Ratio Lower Upper
122 100
107 121.7 97.8 146.6
121 58.6 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 46.104 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion: 93 Resp: 352297
Ion Ratio Lower Upper
93 100
95 31.1 26.4 39.6
123 11.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.644 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

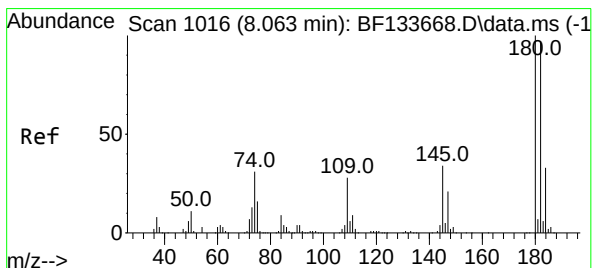
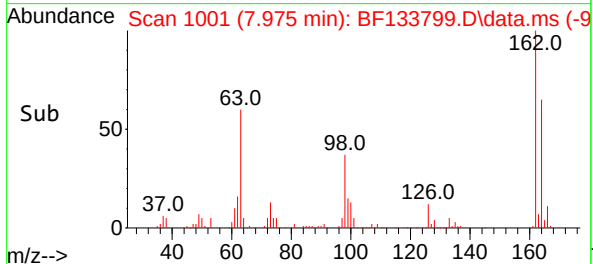
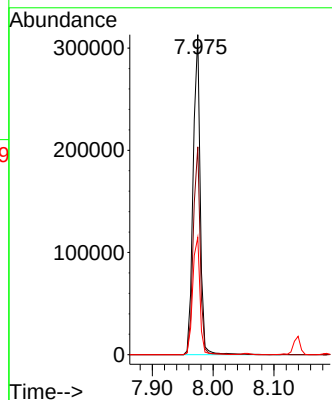
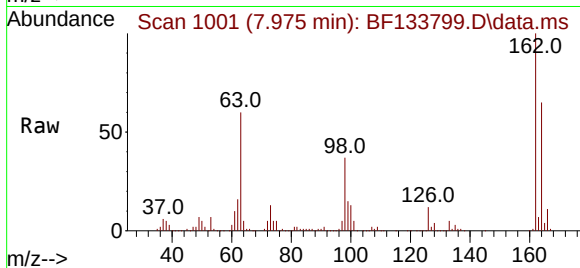
Tgt Ion:162 Resp: 250930

Ion Ratio Lower Upper

162 100

164 64.9 43.4 83.4

98 36.7 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 47.887 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

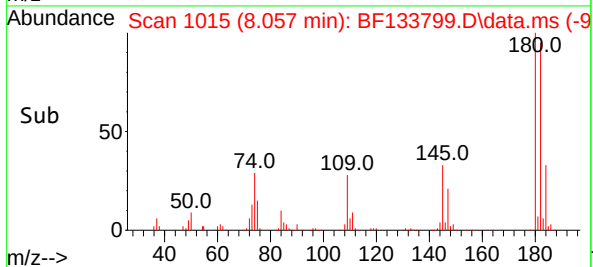
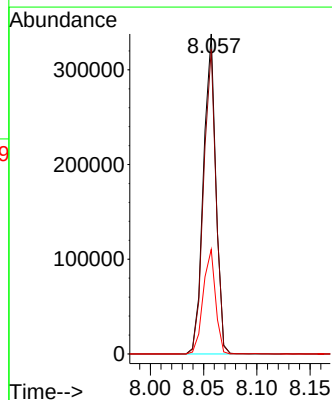
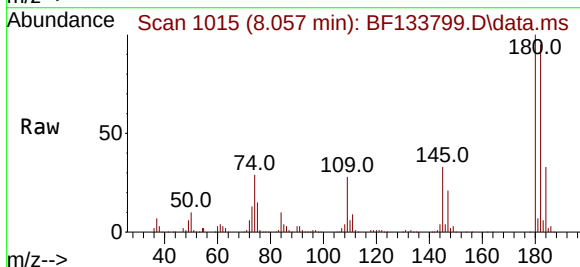
Tgt Ion:180 Resp: 274665

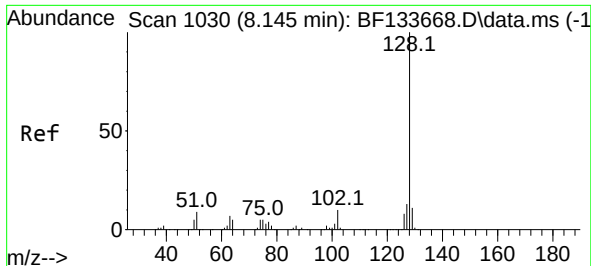
Ion Ratio Lower Upper

180 100

182 95.2 77.8 116.8

145 32.7 27.0 40.4

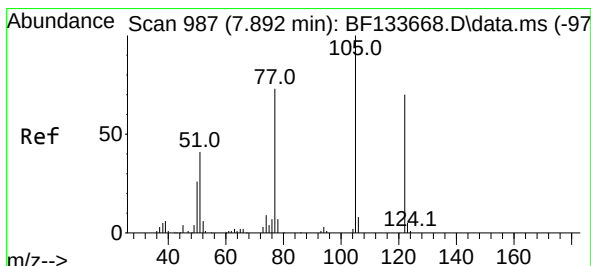
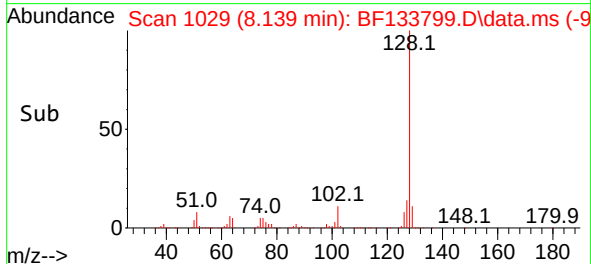
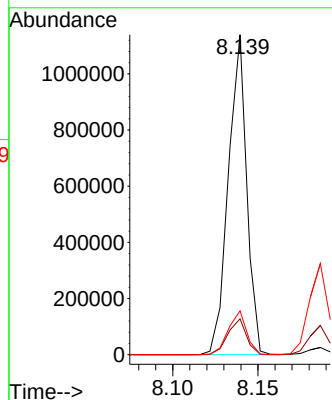
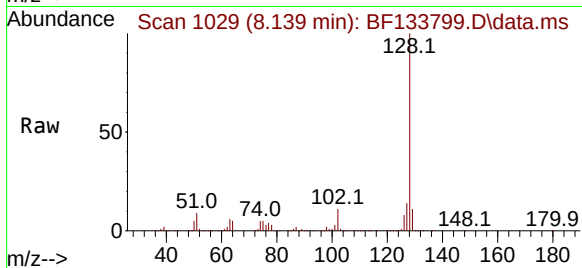




#31
Naphthalene
Concen: 44.818 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

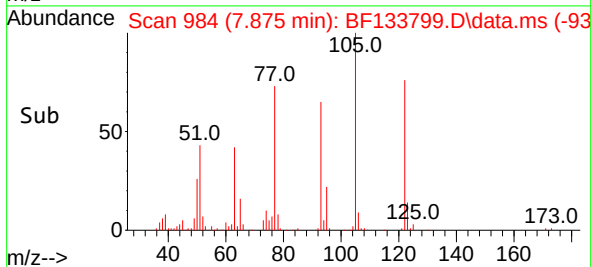
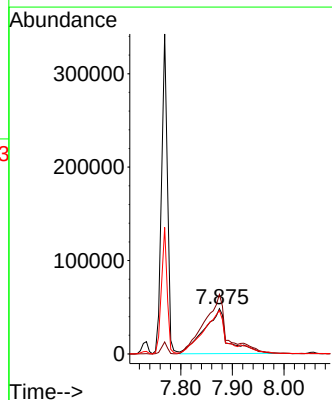
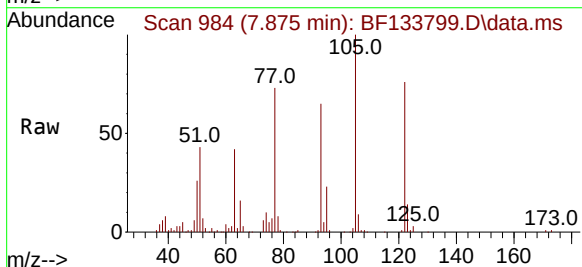
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

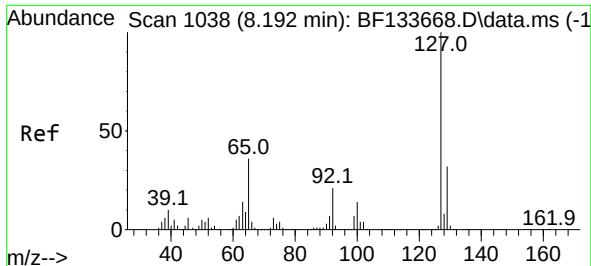
Tgt Ion:128 Resp: 856466
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.7 10.5 15.7



#32
Benzoic acid
Concen: 43.727 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:122 Resp: 154690
Ion Ratio Lower Upper
122 100
105 131.3 116.3 156.3
77 96.5 82.4 122.4

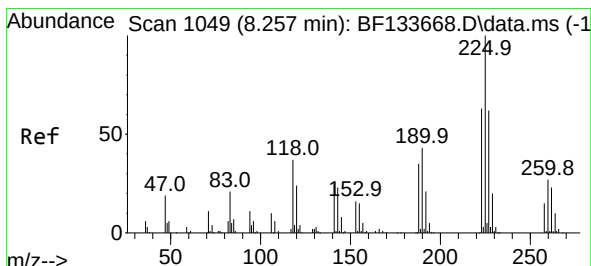
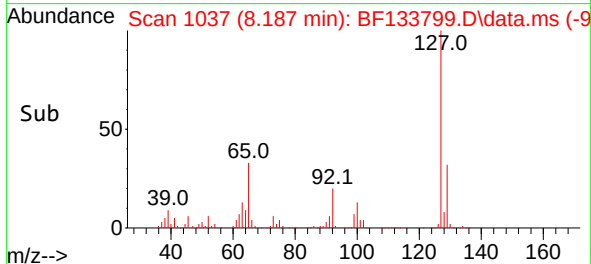
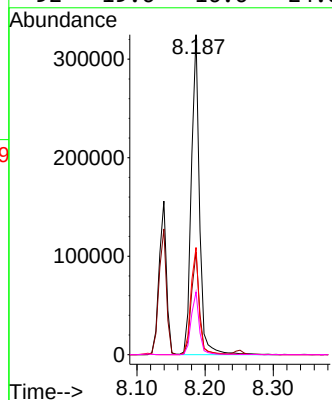
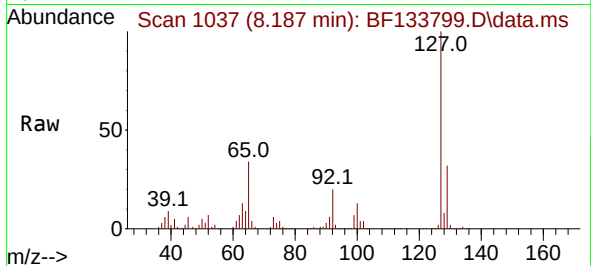




#33
4-Chloroaniline
Concen: 32.798 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

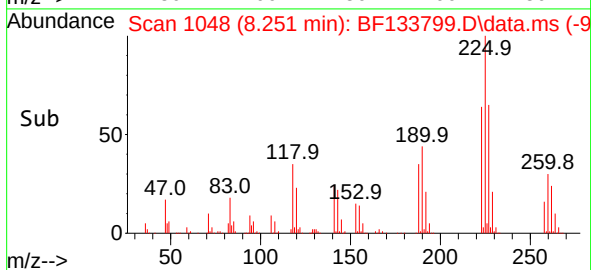
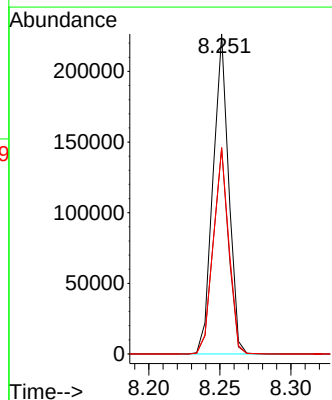
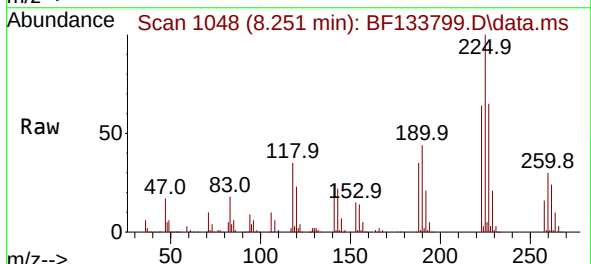
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

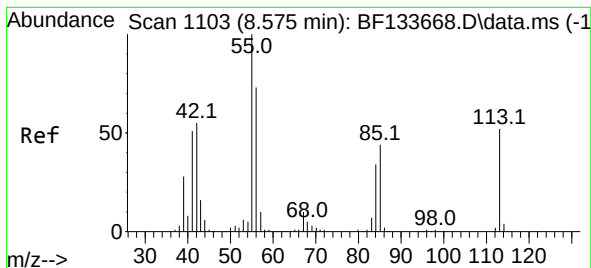
Tgt Ion:	127	Resp:	267993
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.6	38.4
65	33.5	28.9	43.3
92	19.6	16.6	24.8



#34
Hexachlorobutadiene
Concen: 46.276 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:	225	Resp:	173781
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.2	75.4
227	64.5	49.5	74.3





#35

Caprolactam

Concen: 34.849 ng

RT: 8.563 min Scan# 1101

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

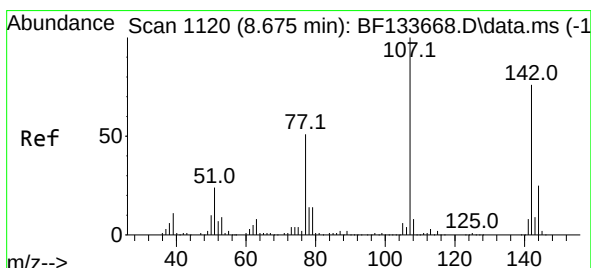
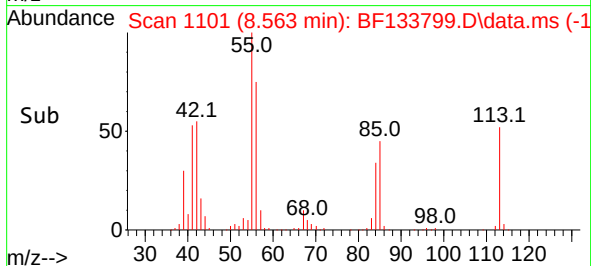
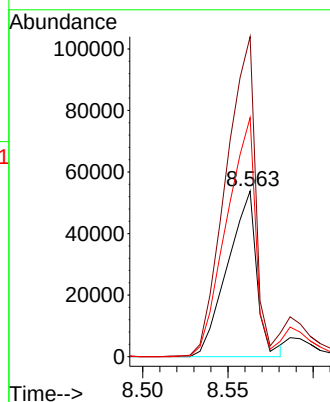
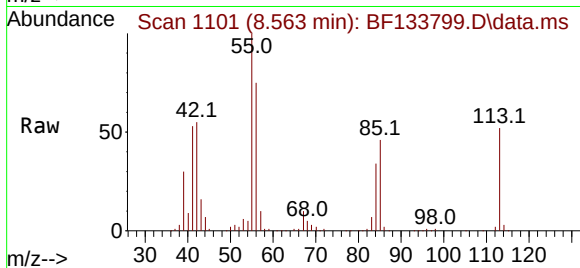
Tgt Ion:113 Resp: 64466

Ion Ratio Lower Upper

113 100

55 193.3 173.3 213.3

56 144.4 120.5 160.5



#36

4-Chloro-3-methylphenol

Concen: 41.301 ng

RT: 8.663 min Scan# 1118

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

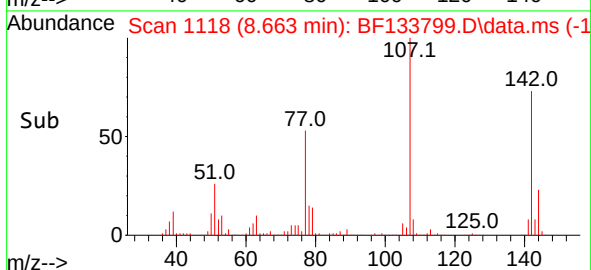
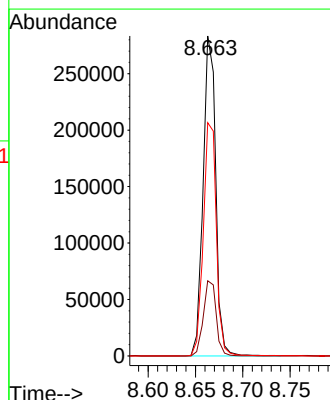
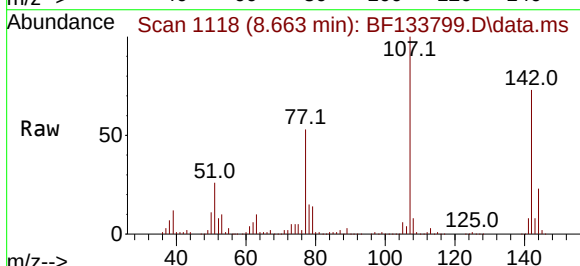
Tgt Ion:107 Resp: 261714

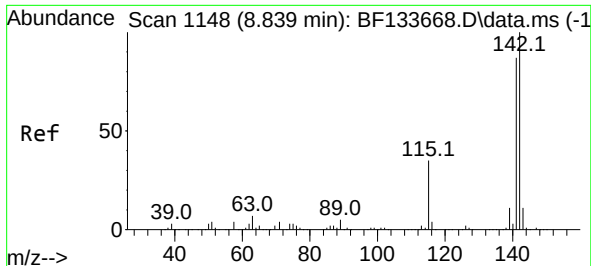
Ion Ratio Lower Upper

107 100

144 23.5 19.7 29.5

142 72.9 61.1 91.7





#37

2-Methylnaphthalene

Concen: 42.354 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

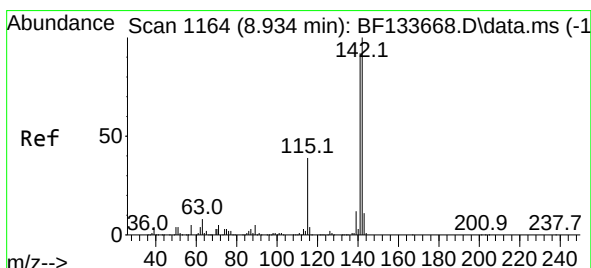
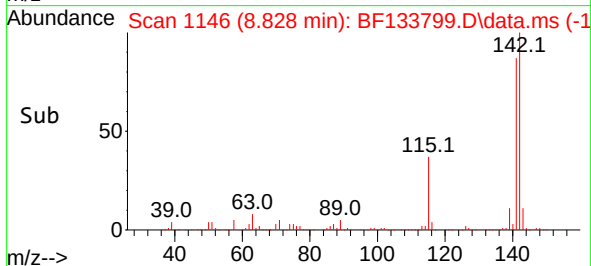
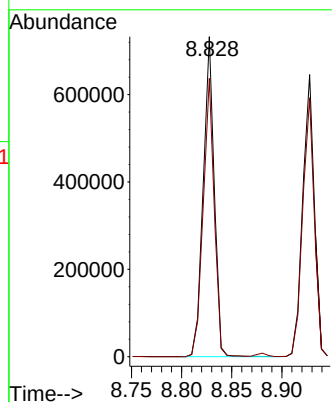
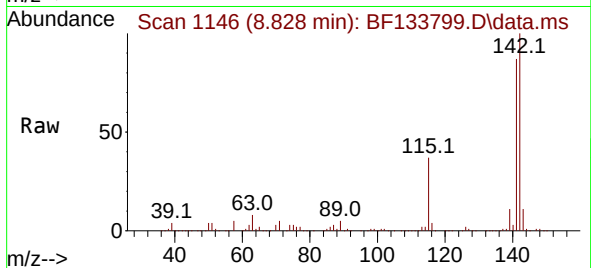
RT-4194MSD

Tgt Ion:142 Resp: 562377

Ion Ratio Lower Upper

142 100

141 87.0 69.8 104.8



#38

1-Methylnaphthalene

Concen: 42.526 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF133799.D

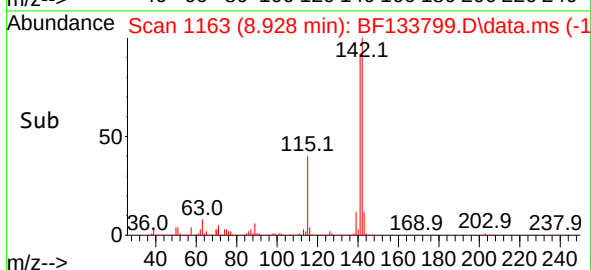
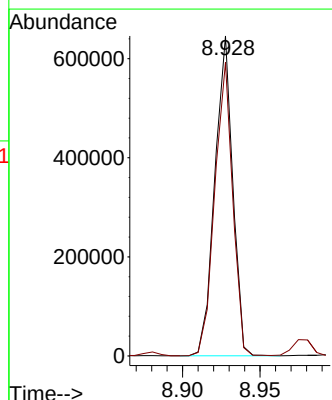
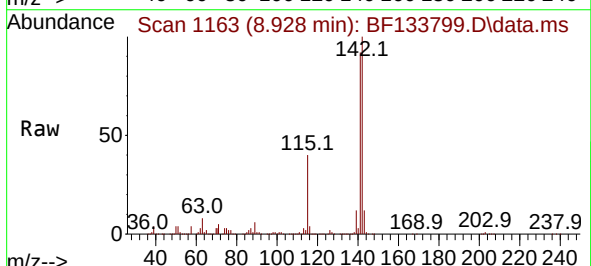
Acq: 16 Jun 2023 04:13

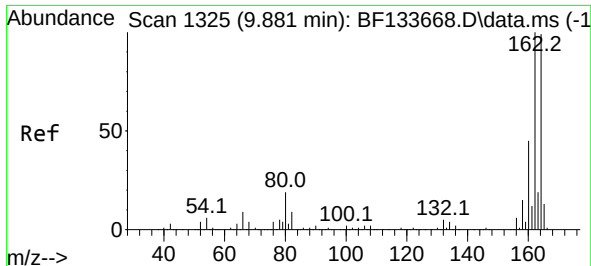
Tgt Ion:142 Resp: 519593

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

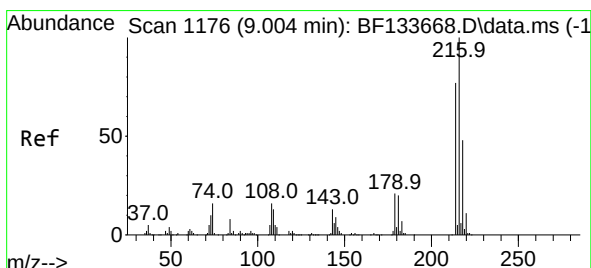
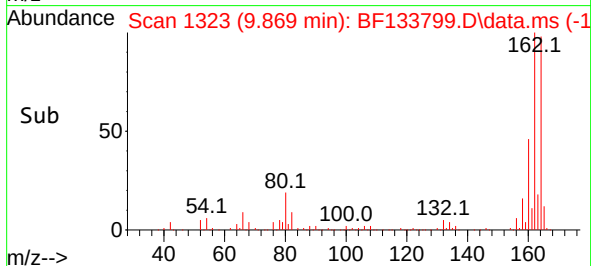
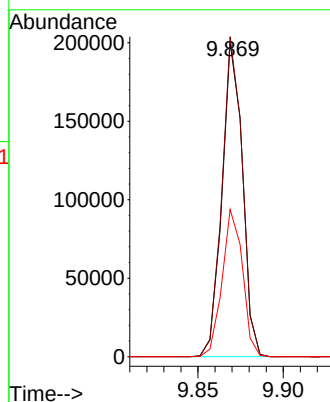
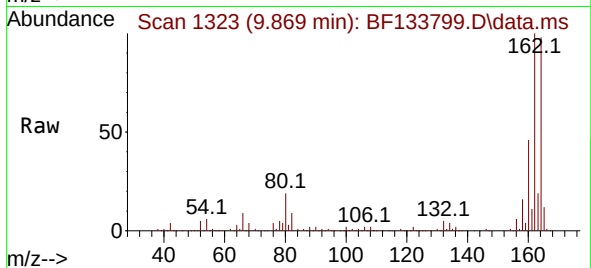
Tgt Ion:164 Resp: 166502

Ion Ratio Lower Upper

164 100

162 101.9 80.8 121.2

160 46.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.796 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Tgt Ion:216 Resp: 262182

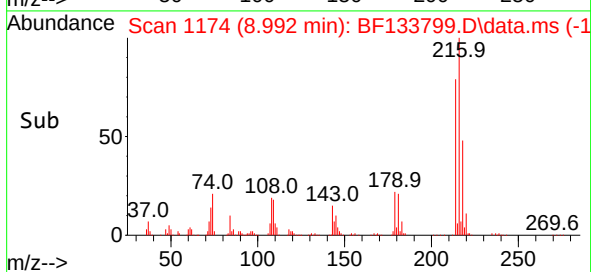
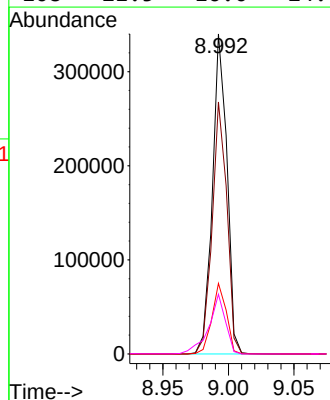
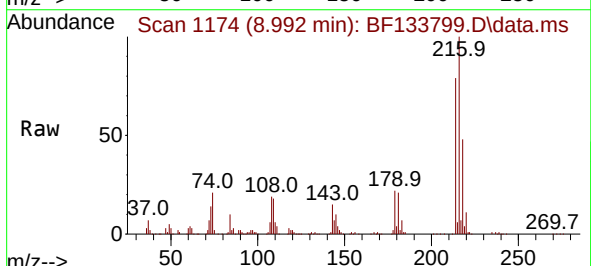
Ion Ratio Lower Upper

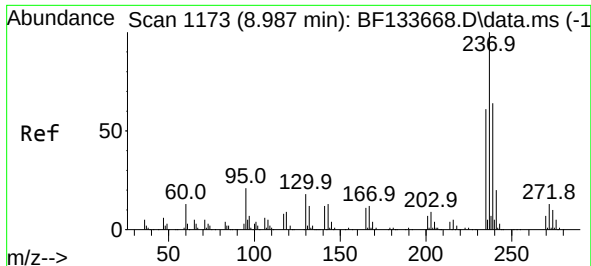
216 100

214 79.5 62.7 94.1

179 21.9 17.6 26.4

108 21.5 16.0 24.0

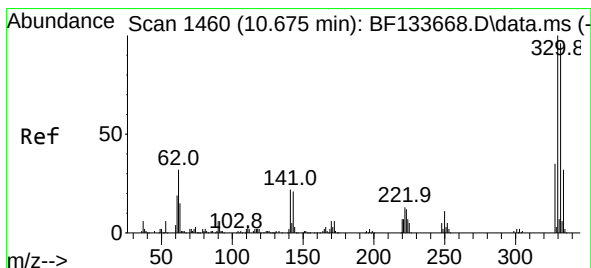
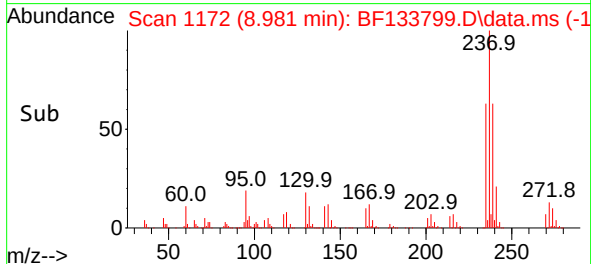
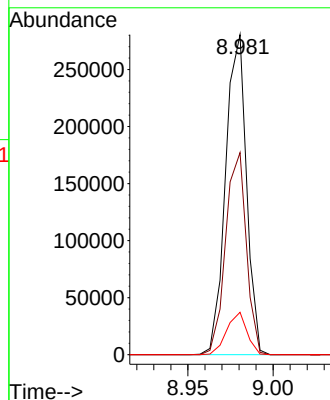
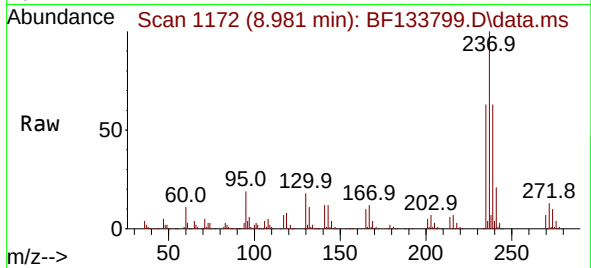




#41
Hexachlorocyclopentadiene
Concen: 106.151 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

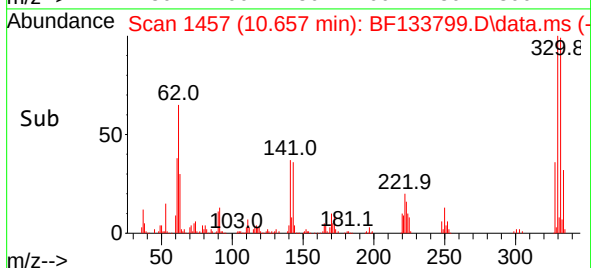
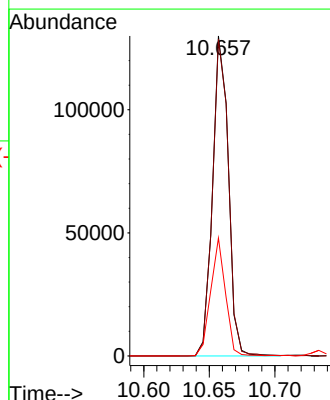
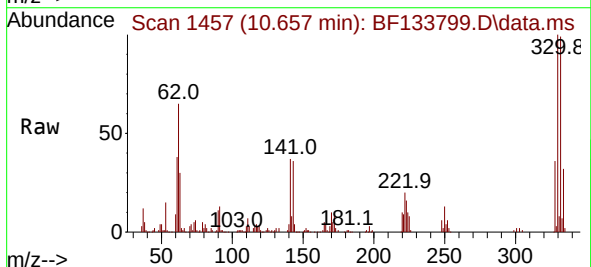
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

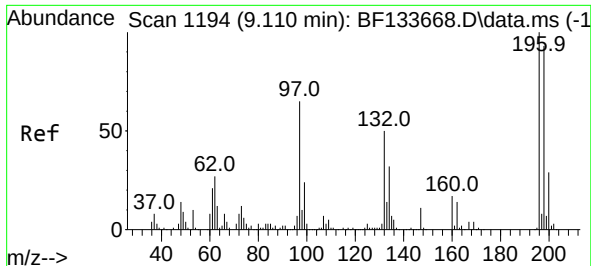
Tgt Ion:237 Resp: 239446
Ion Ratio Lower Upper
237 100
235 63.2 40.6 80.6
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 51.699 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:330 Resp: 108961
Ion Ratio Lower Upper
330 100
332 99.8 77.2 115.8
141 34.9 24.9 37.3

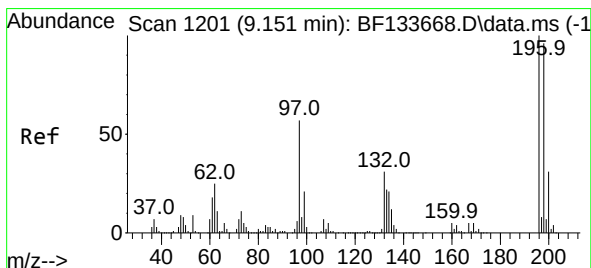
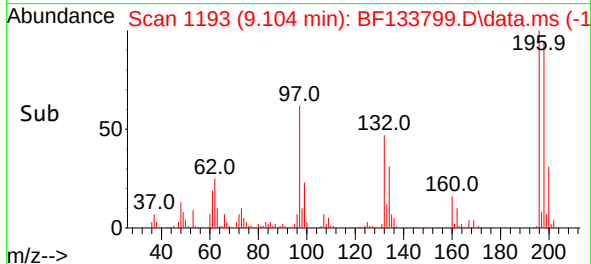
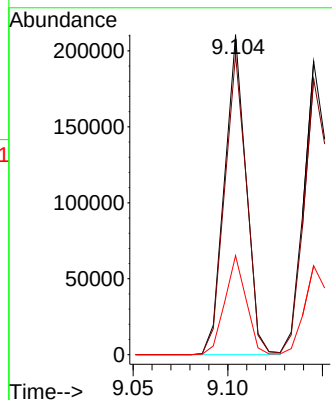
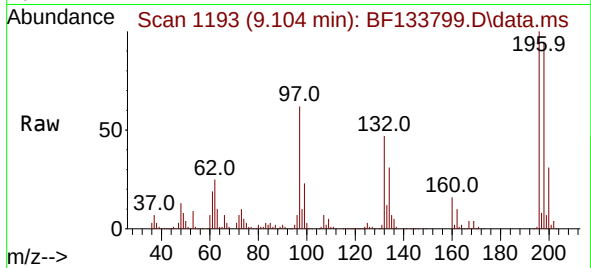




#43
2,4,6-Trichlorophenol
Concen: 49.434 ng
RT: 9.104 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

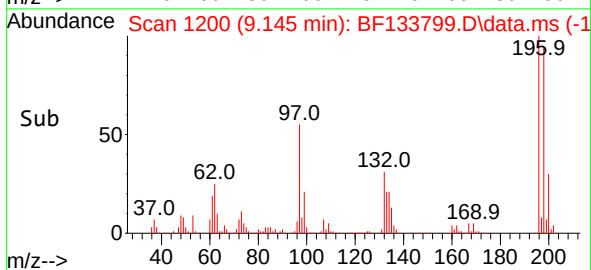
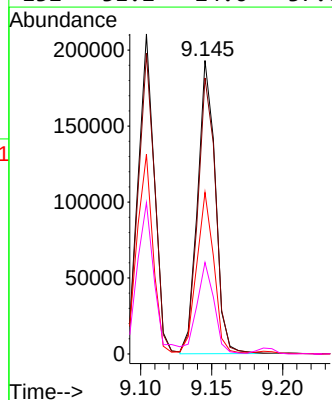
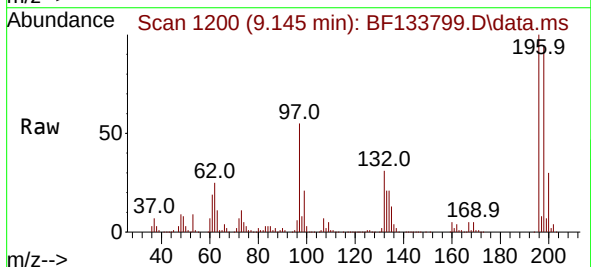
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

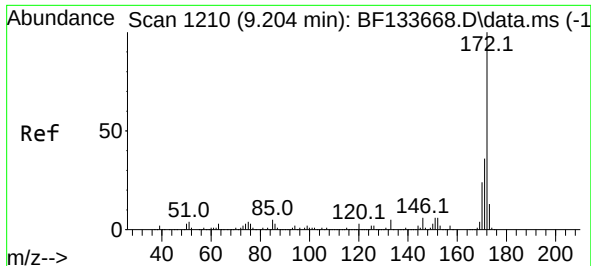
Tgt Ion:196 Resp: 167212
Ion Ratio Lower Upper
196 100
198 93.9 74.5 111.7
200 31.0 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 42.704 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:196 Resp: 168048
Ion Ratio Lower Upper
196 100
198 94.1 76.8 115.2
97 55.1 45.4 68.2
132 31.2 24.6 37.0

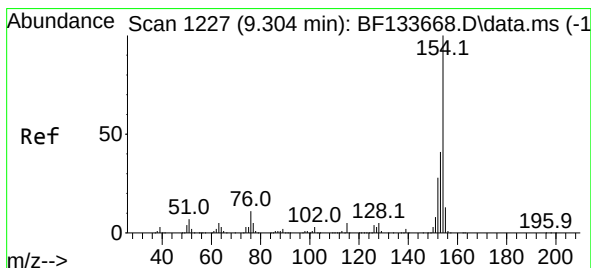
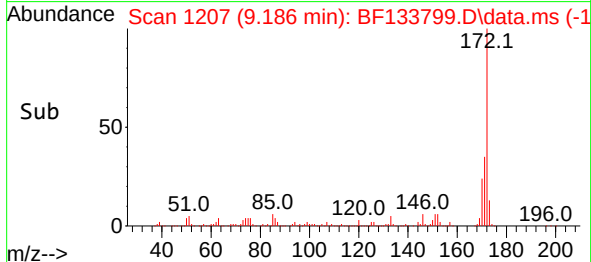
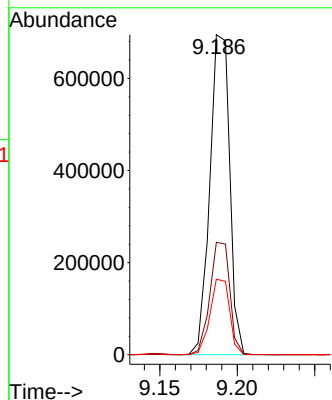
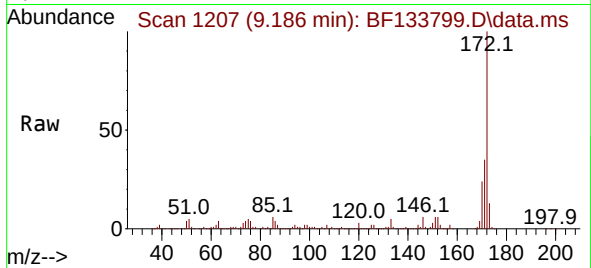




#45
2-Fluorobiphenyl
Concen: 52.990 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

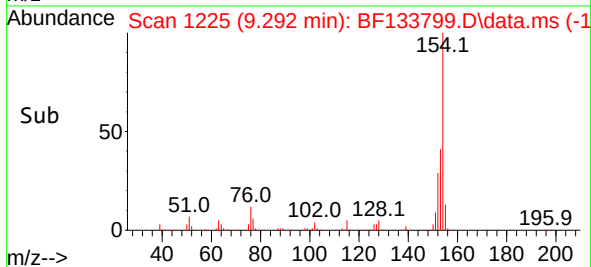
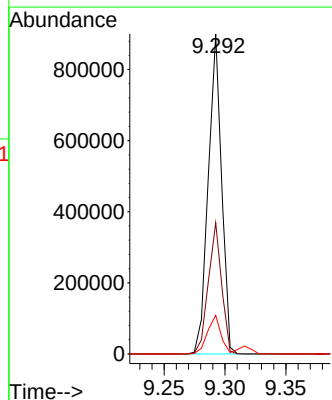
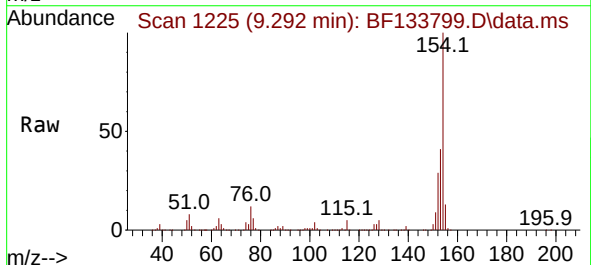
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

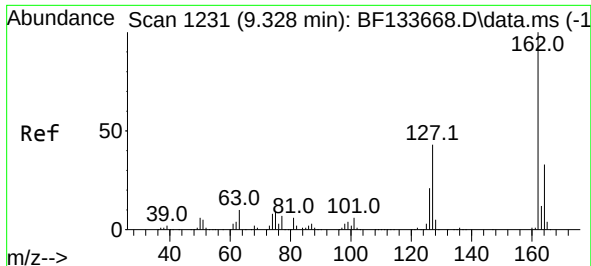
Tgt Ion:172 Resp: 620676
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.6 19.1 28.7



#46
1,1'-Biphenyl
Concen: 50.926 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:154 Resp: 683860
Ion Ratio Lower Upper
154 100
153 41.0 20.6 60.6
76 12.0 0.0 31.0





#47

2-Chloronaphthalene

Concen: 51.266 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

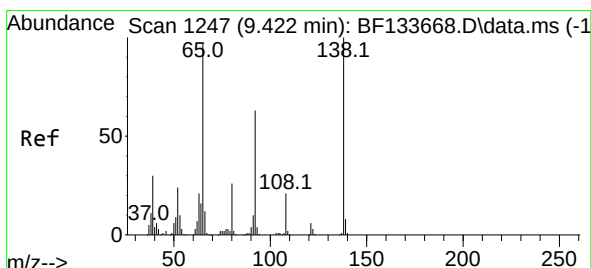
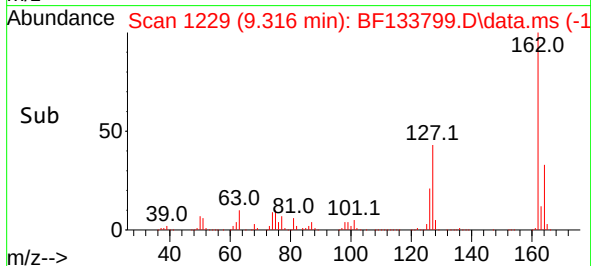
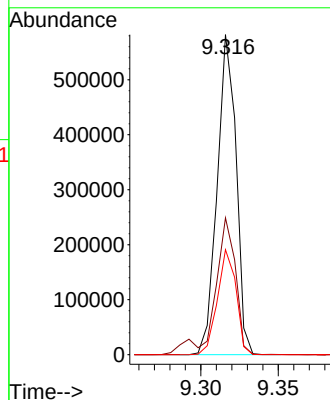
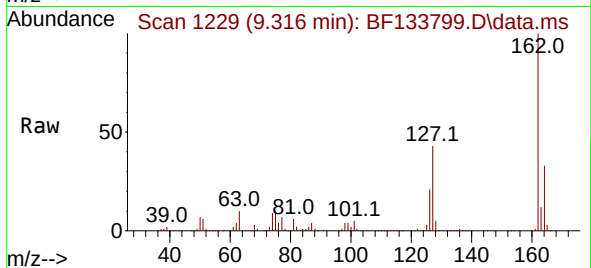
Tgt Ion:162 Resp: 493820

Ion Ratio Lower Upper

162 100

127 42.7 34.6 52.0

164 32.8 26.4 39.6



#48

2-Nitroaniline

Concen: 46.930 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

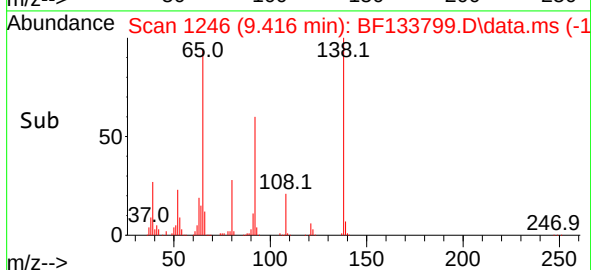
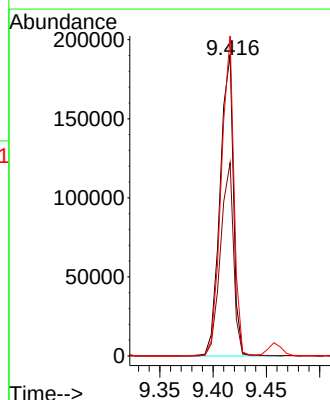
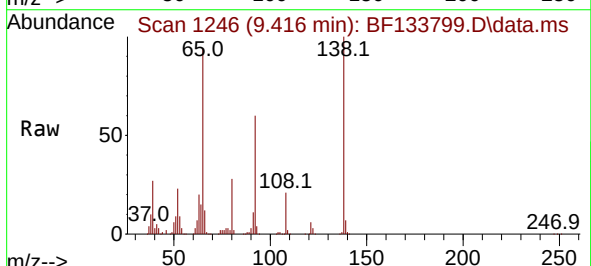
Tgt Ion: 65 Resp: 165328

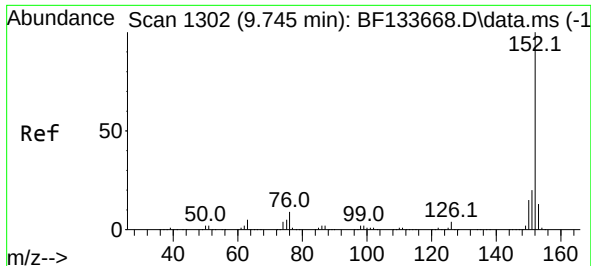
Ion Ratio Lower Upper

65 100

92 64.1 51.8 77.6

138 106.1 82.1 123.1





#49

Acenaphthylene

Concen: 46.580 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

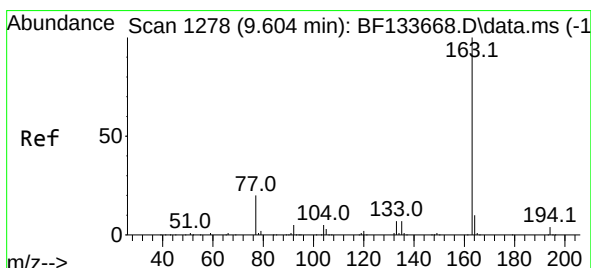
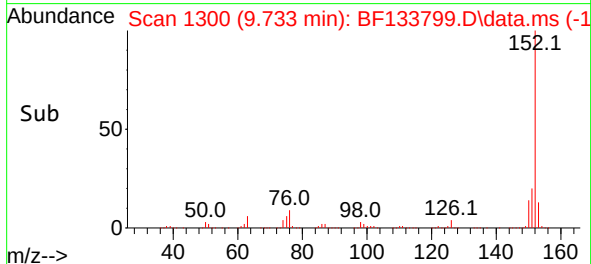
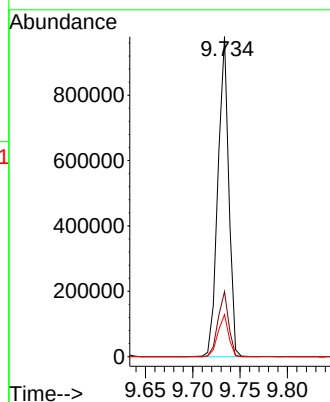
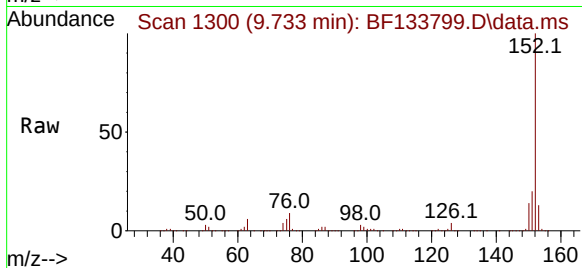
Tgt Ion:152 Resp: 780946

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 45.975 ng

RT: 9.592 min Scan# 1276

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

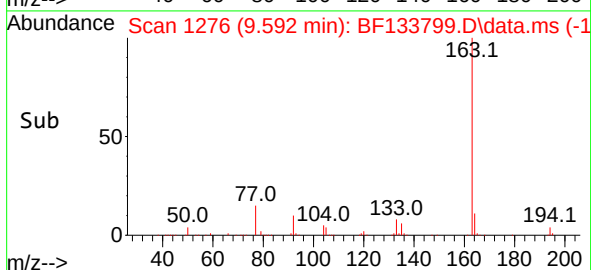
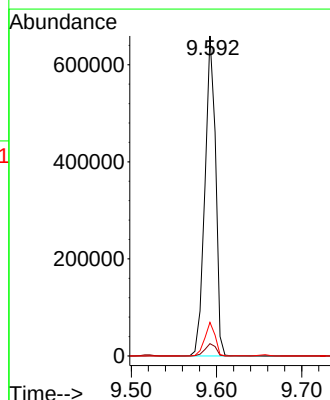
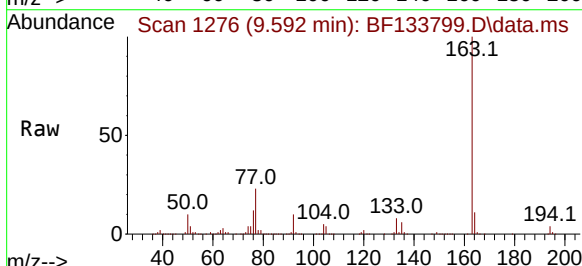
Tgt Ion:163 Resp: 571375

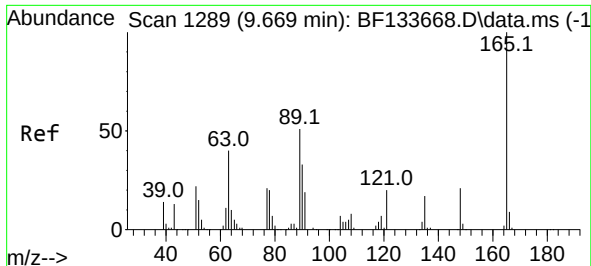
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.5 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 46.619 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

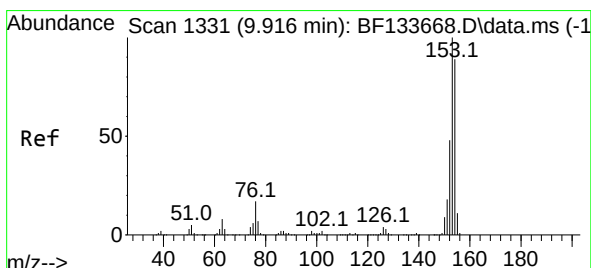
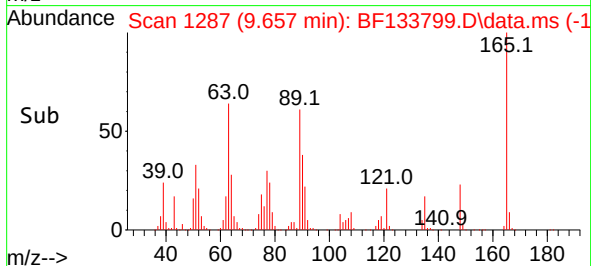
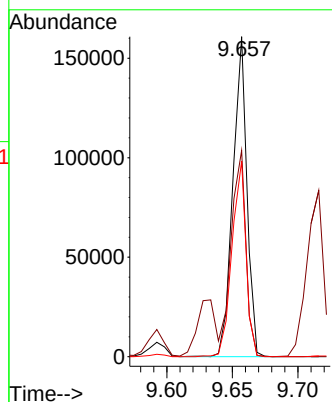
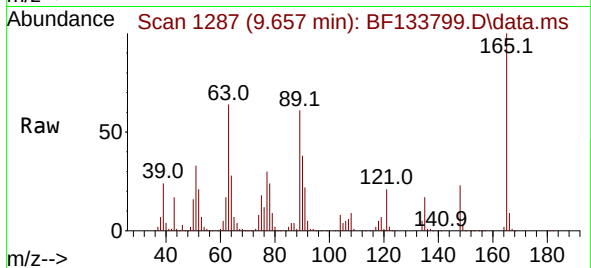
Tgt Ion:165 Resp: 119589

Ion Ratio Lower Upper

165 100

63 64.5 42.1 63.1#

89 61.1 40.9 61.3



#52

Acenaphthene

Concen: 46.873 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

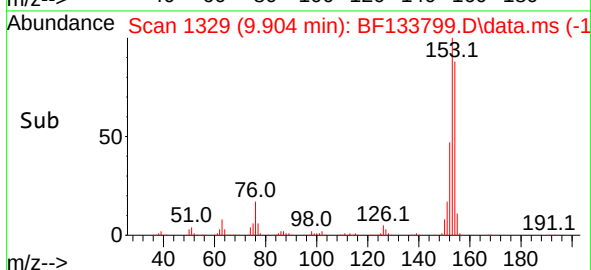
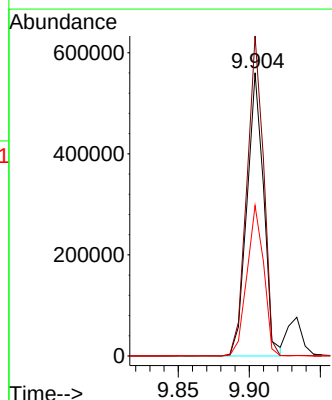
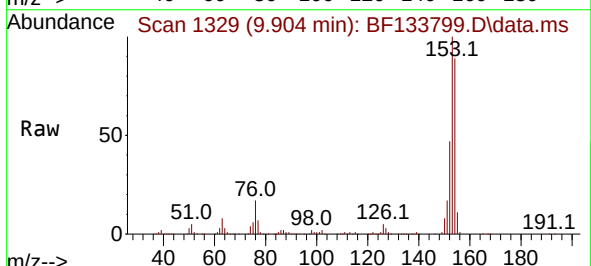
Tgt Ion:154 Resp: 459986

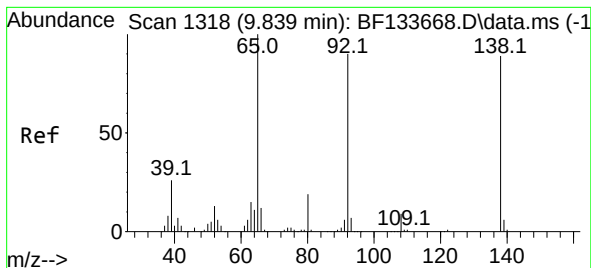
Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.8

152 53.1 43.4 65.2





#53

3-Nitroaniline

Concen: 37.344 ng

RT: 9.828 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

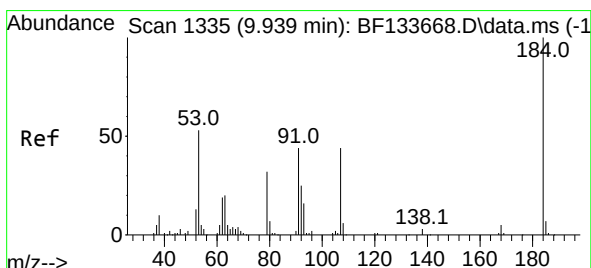
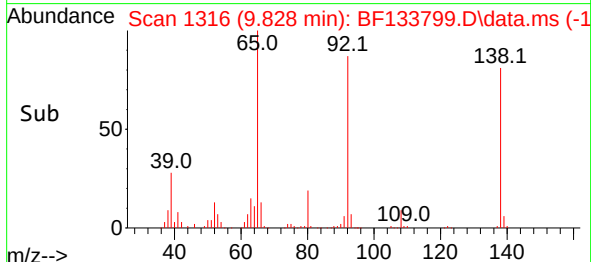
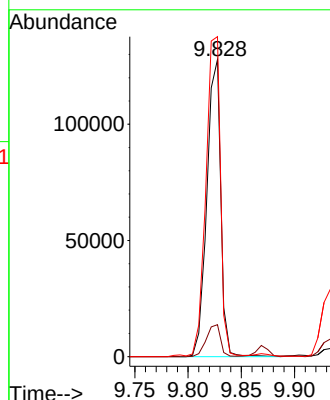
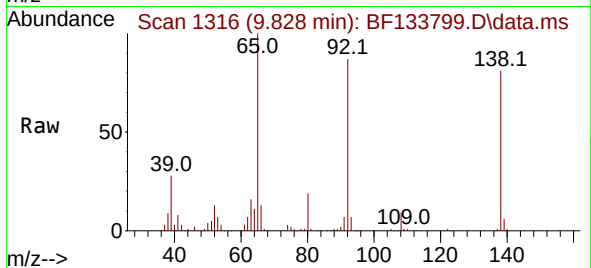
Tgt Ion:138 Resp: 116578

Ion Ratio Lower Upper

138 100

108 10.8 8.2 12.4

92 107.7 81.0 121.6



#54

2,4-Dinitrophenol

Concen: 75.346 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

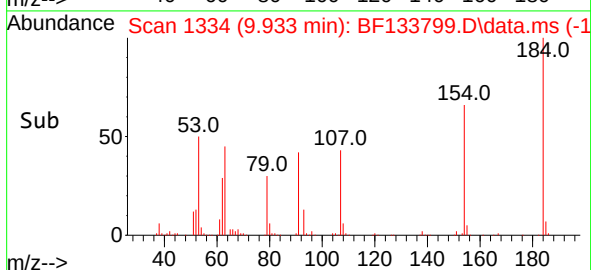
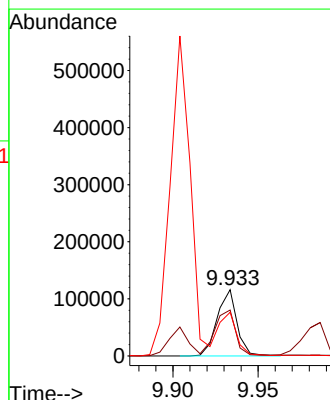
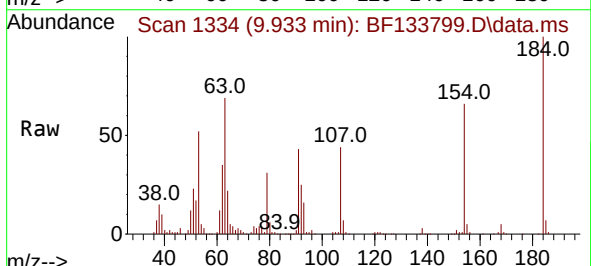
Tgt Ion:184 Resp: 94000

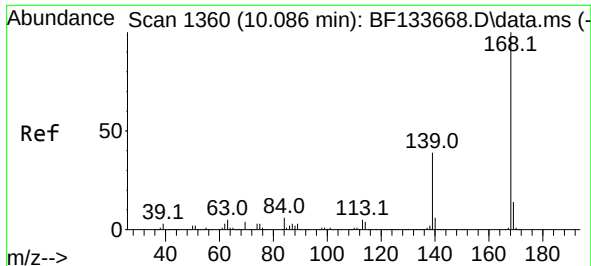
Ion Ratio Lower Upper

184 100

63 69.4 55.3 82.9

154 66.0 51.9 77.9

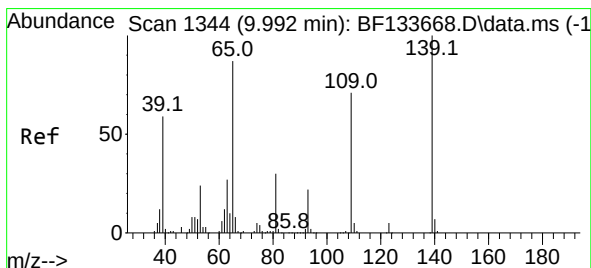
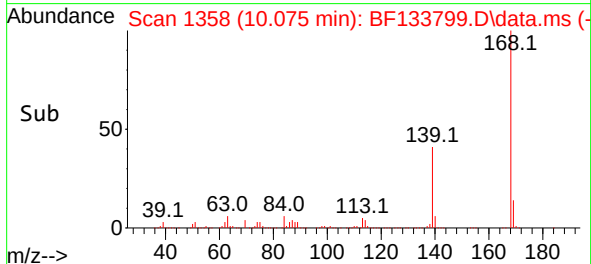
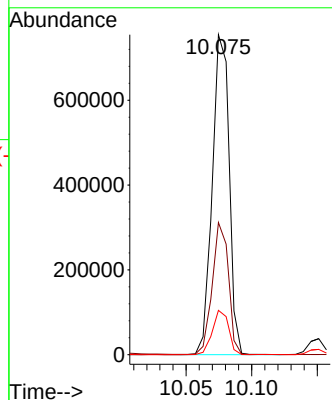
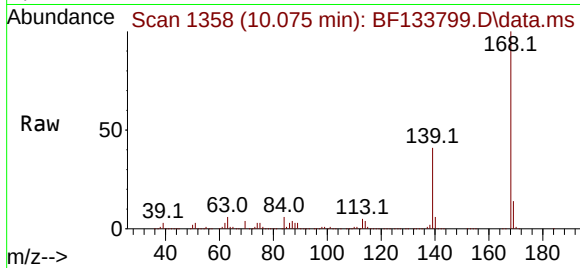




#55
Dibenzenofuran
Concen: 45.159 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

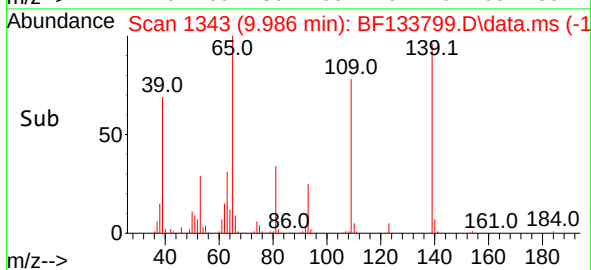
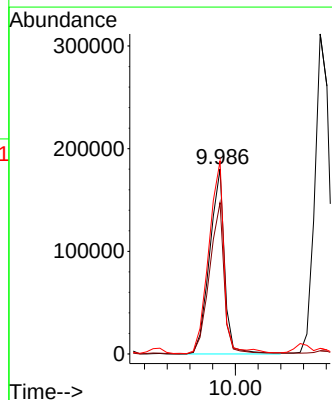
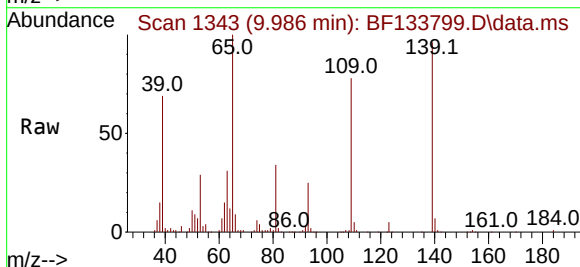
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

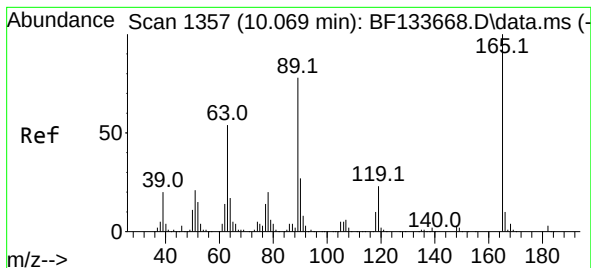
Tgt Ion:168 Resp: 676228
Ion Ratio Lower Upper
168 100
139 41.3 30.9 46.3
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 78.135 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

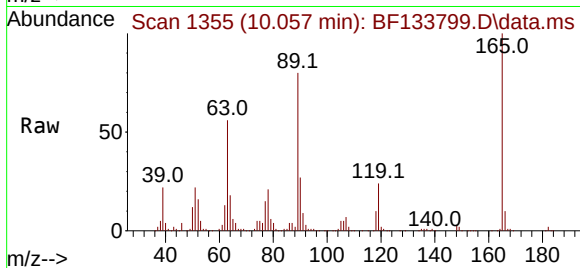
Tgt Ion:139 Resp: 164619
Ion Ratio Lower Upper
139 100
109 81.9 50.7 90.7
65 104.3 67.1 107.1



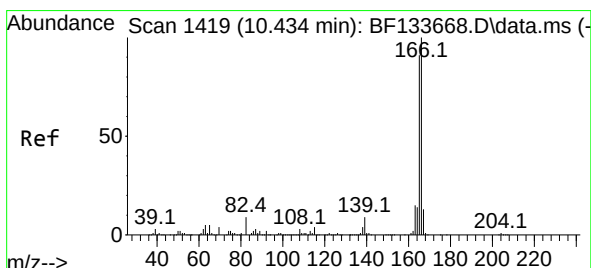
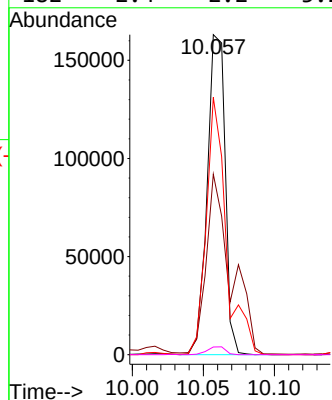
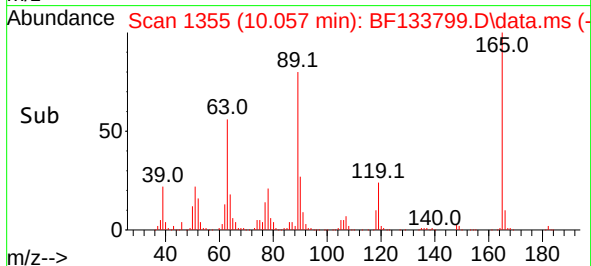


#57
2,4-Dinitrotoluene
Concen: 44.044 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

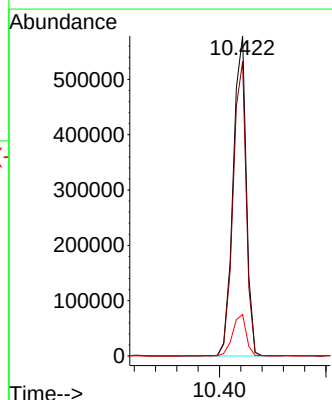
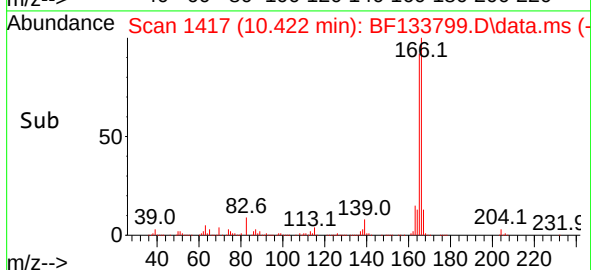
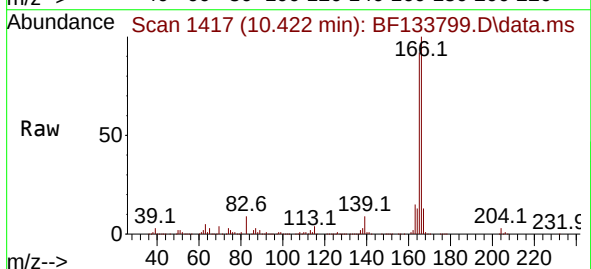


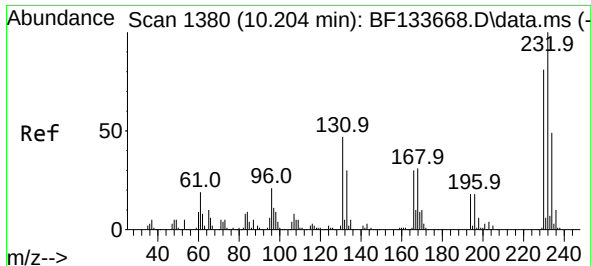
Tgt Ion:165 Resp: 143692
Ion Ratio Lower Upper
165 100
63 56.4 43.0 64.6
89 80.4 62.6 93.8
182 2.4 2.2 3.2



#58
Fluorene
Concen: 43.478 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:166 Resp: 497884
Ion Ratio Lower Upper
166 100
165 92.0 73.1 109.7
167 13.0 10.5 15.7

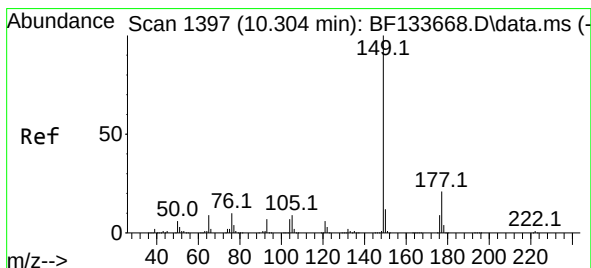
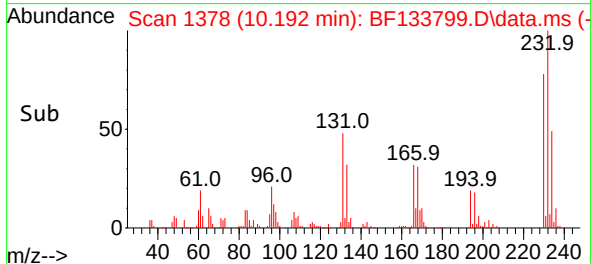
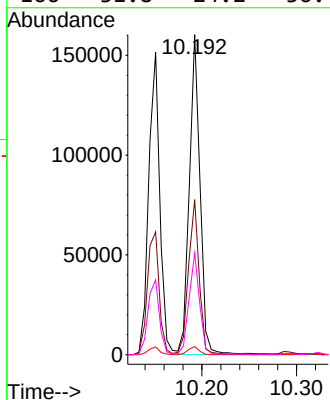
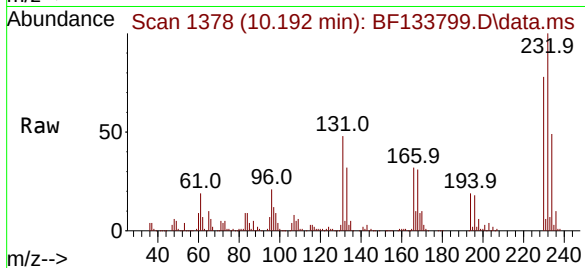




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.576 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

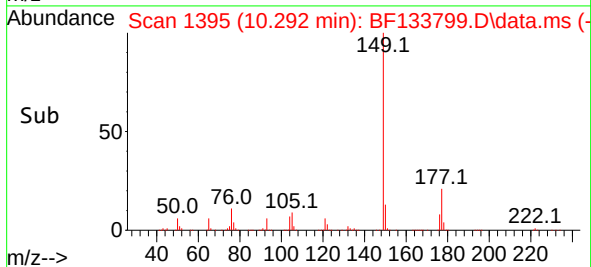
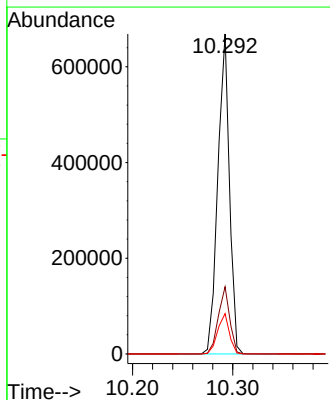
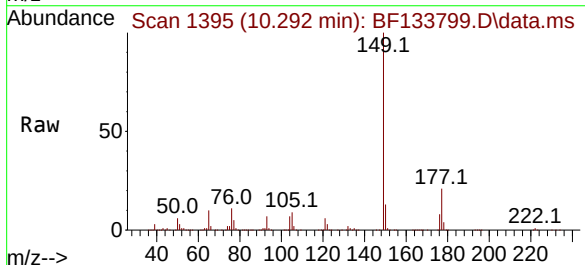
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

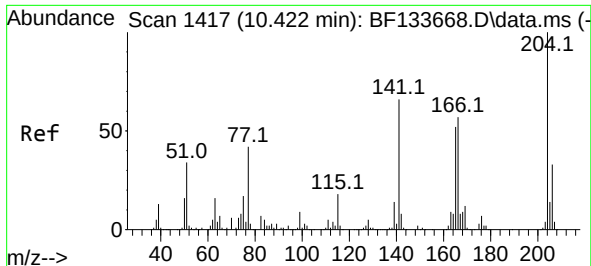
Tgt Ion:232 Resp: 125437
Ion Ratio Lower Upper
232 100
131 48.0 38.0 57.0
130 2.6 1.8 2.8
166 31.8 24.2 36.4



#60
Diethylphthalate
Concen: 42.407 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:149 Resp: 536392
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.6 10.0 15.0

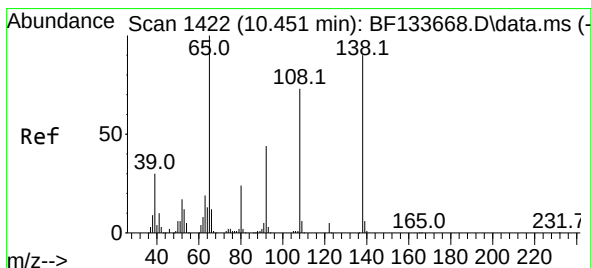
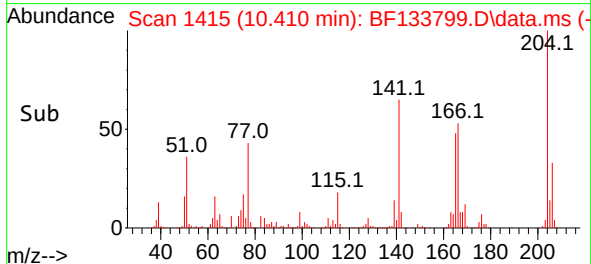
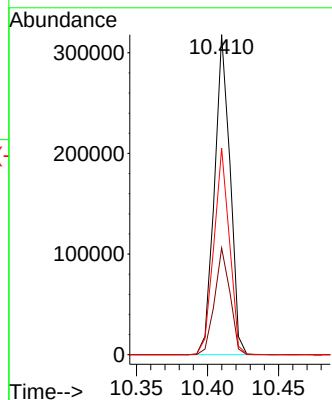
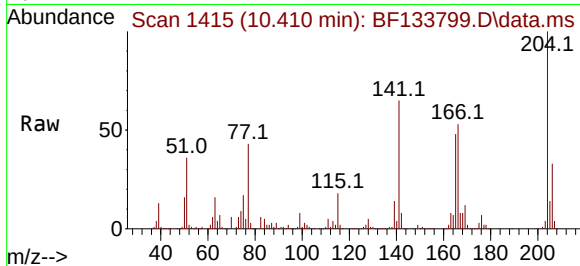




#61
4-Chlorophenyl-phenylether
Concen: 43.064 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

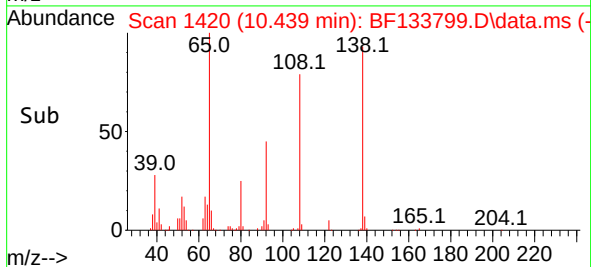
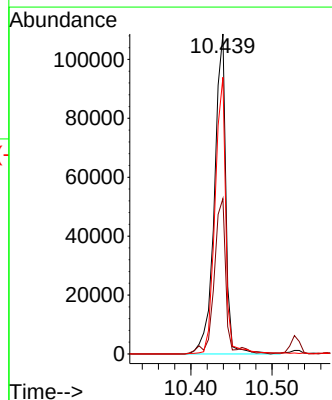
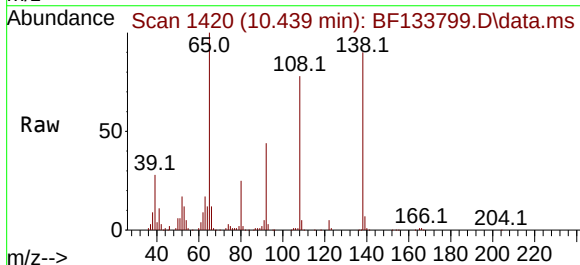
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

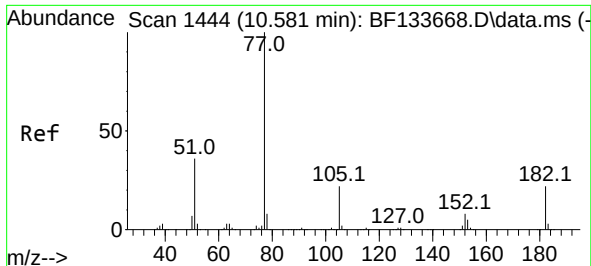
Tgt Ion:204 Resp: 243448
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 64.6 52.8 79.2



#62
4-Nitroaniline
Concen: 34.779 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:138 Resp: 106453
Ion Ratio Lower Upper
138 100
92 48.5 28.9 68.9
108 86.5 61.0 101.0

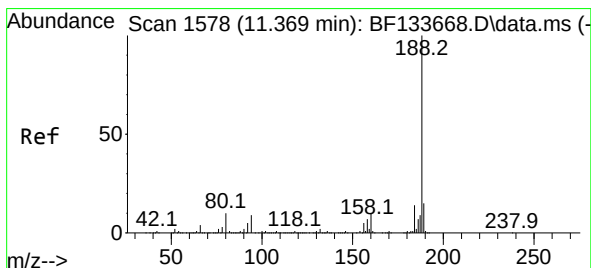
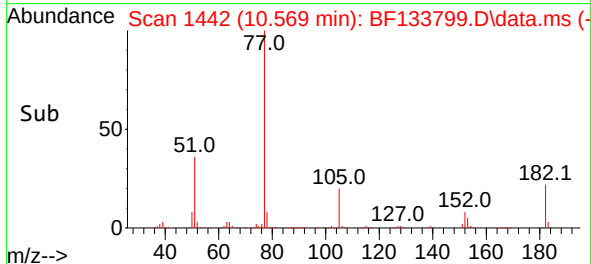
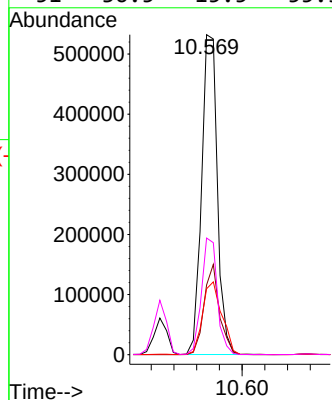
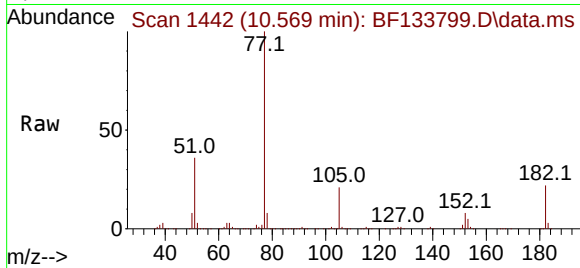




#63
Azobenzene
Concen: 42.897 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

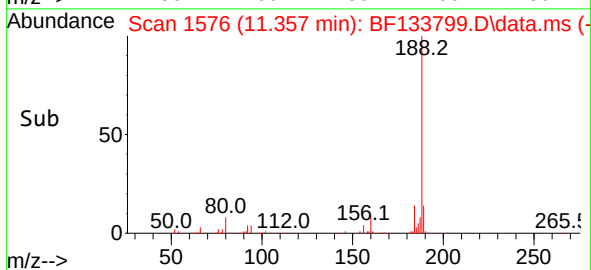
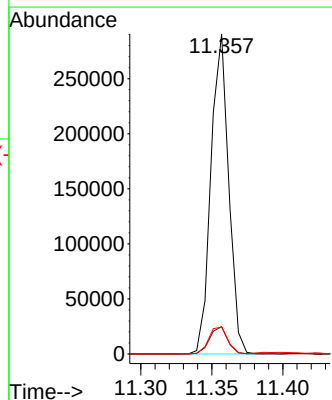
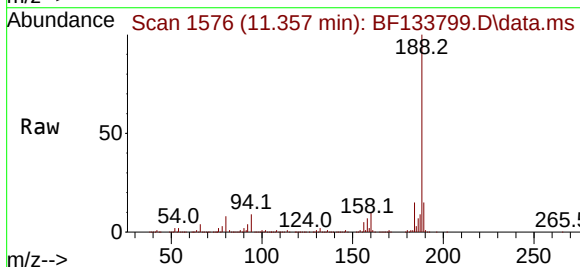
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

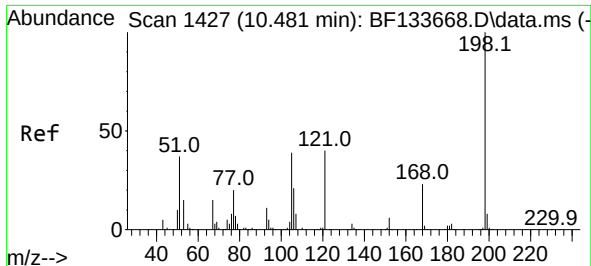
Tgt Ion:	77	Resp:	513656
Ion	Ratio	Lower	Upper
77	100		
182	21.8	1.6	41.6
105	20.6	1.6	41.6
51	36.5	15.5	55.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:	188	Resp:	251981
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	8.4	7.8	11.6

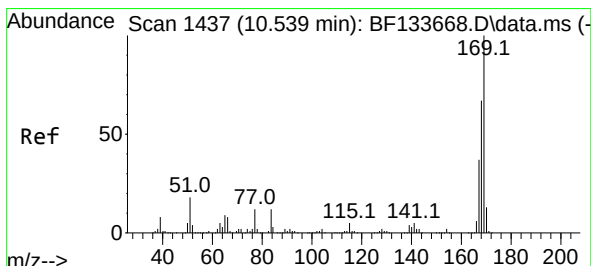
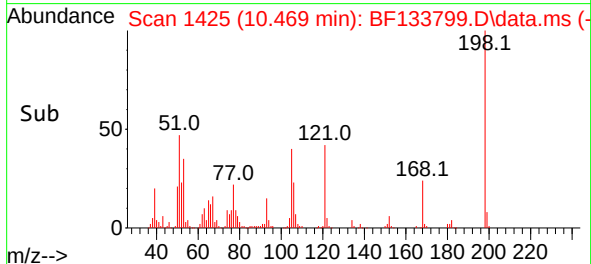
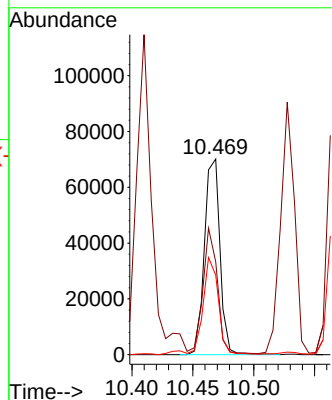
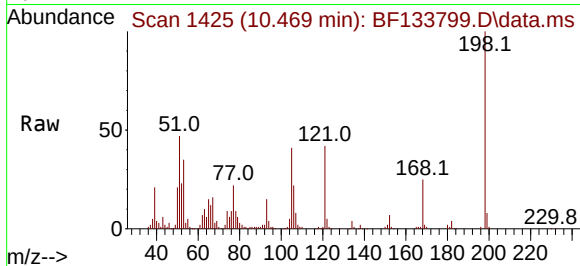




#65
4,6-Dinitro-2-methylphenol
Concen: 51.794 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

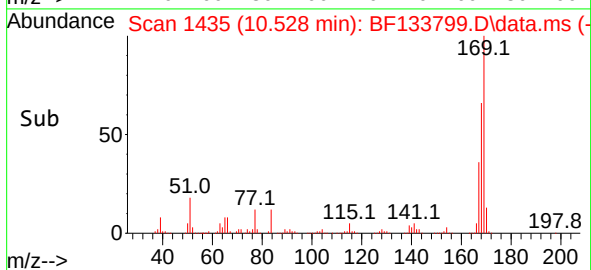
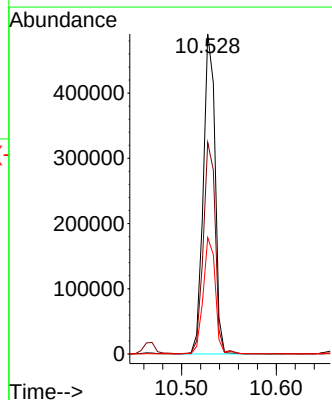
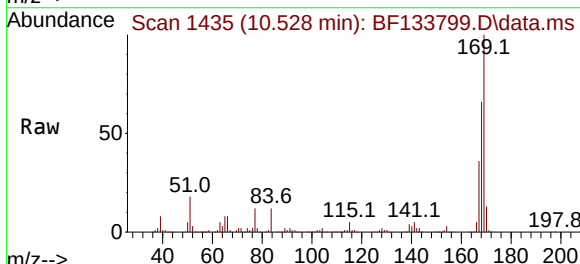
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

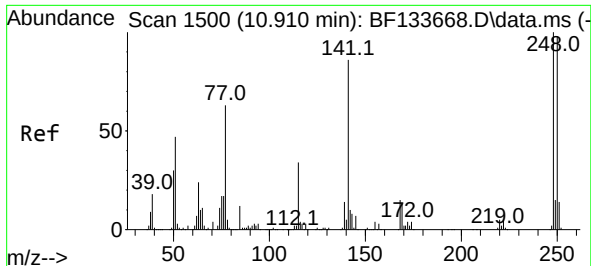
Tgt Ion:198 Resp: 62365
Ion Ratio Lower Upper
198 100
51 47.4 27.5 67.5
105 40.6 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 50.270 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:169 Resp: 425489
Ion Ratio Lower Upper
169 100
168 66.1 53.7 80.5
167 36.3 29.8 44.8

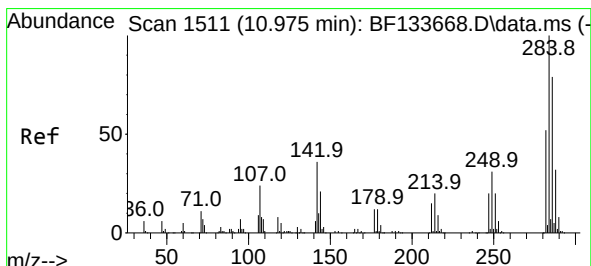
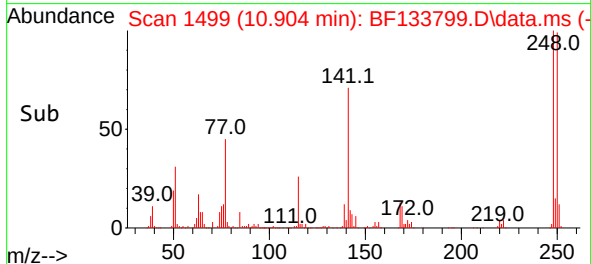
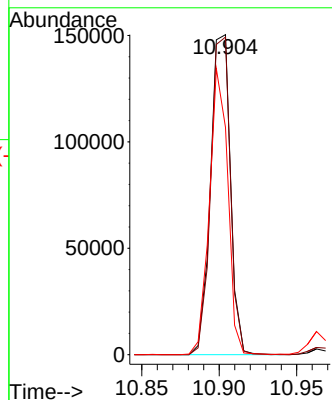
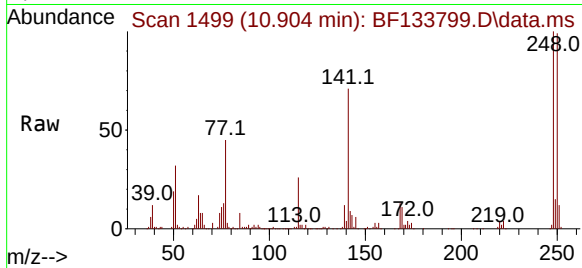




#67
4-Bromophenyl-phenylether
Concen: 47.772 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

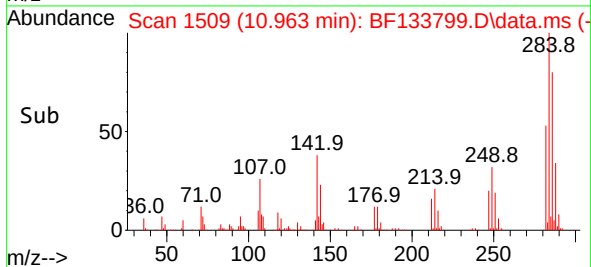
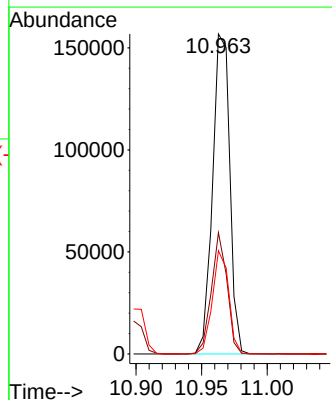
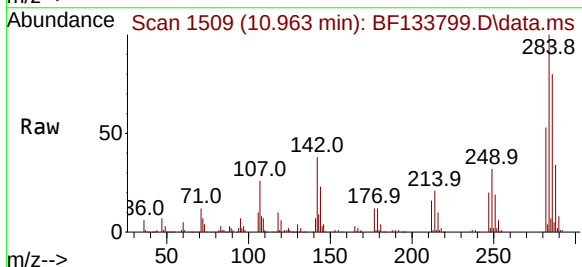
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

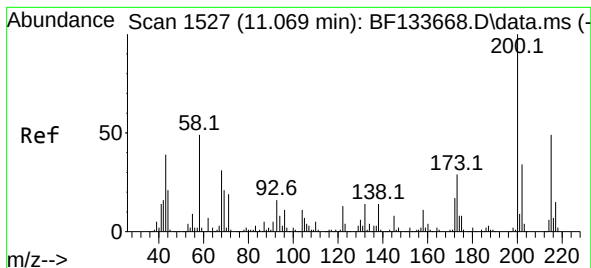
Tgt Ion:248 Resp: 134356
Ion Ratio Lower Upper
248 100
250 99.2 78.3 117.5
141 71.1 69.0 103.6



#68
Hexachlorobenzene
Concen: 48.514 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:284 Resp: 143481
Ion Ratio Lower Upper
284 100
142 37.9 28.6 42.8
249 32.3 24.6 36.8





#69

Atrazine

Concen: 49.184 ng

RT: 11.057 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

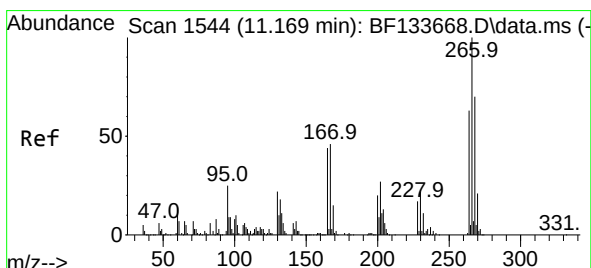
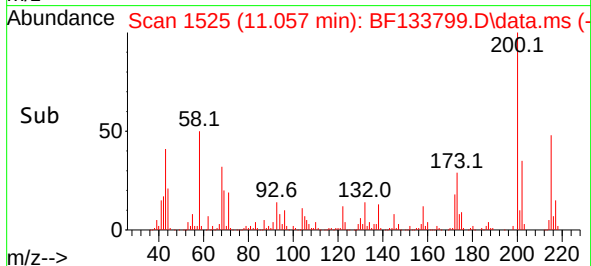
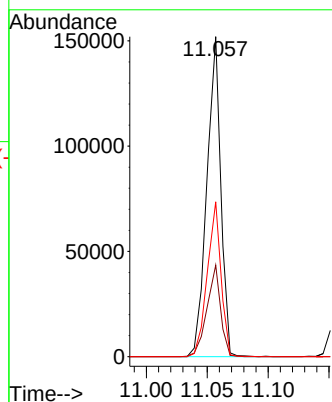
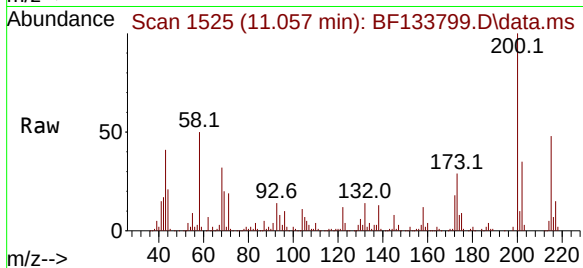
Tgt Ion:200 Resp: 120788

Ion Ratio Lower Upper

200 100

173 28.6 8.7 48.7

215 48.4 29.0 69.0



#70

Pentachlorophenol

Concen: 83.330 ng

RT: 11.163 min Scan# 1543

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

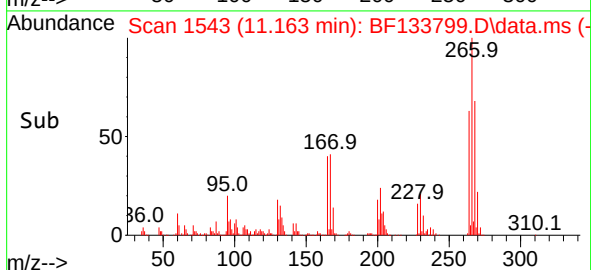
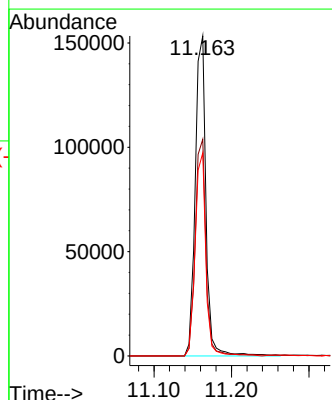
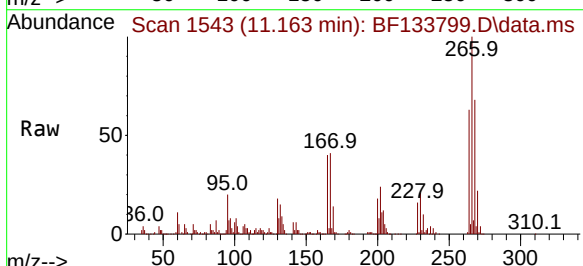
Tgt Ion:266 Resp: 147575

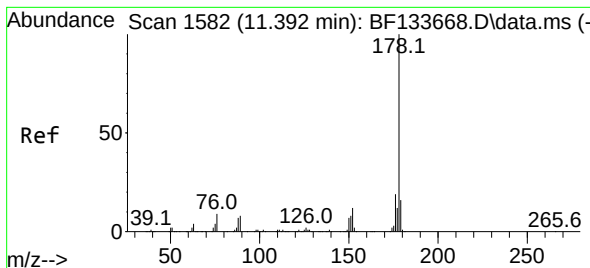
Ion Ratio Lower Upper

266 100

268 67.7 55.7 83.5

264 63.5 50.7 76.1





#71

Phenanthrene

Concen: 49.643 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

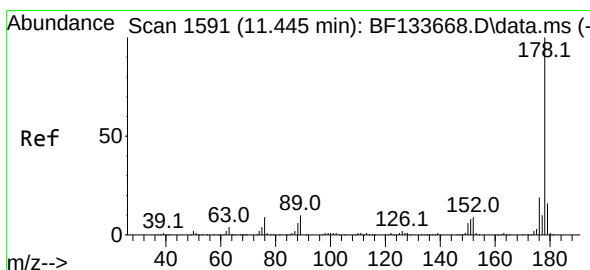
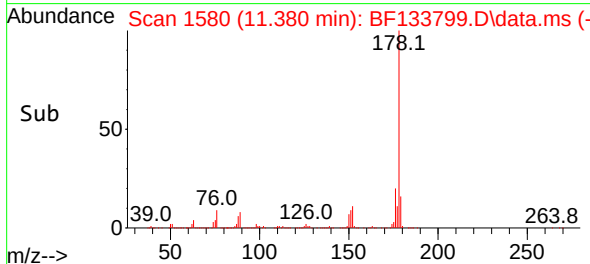
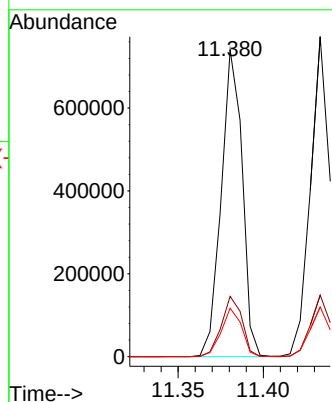
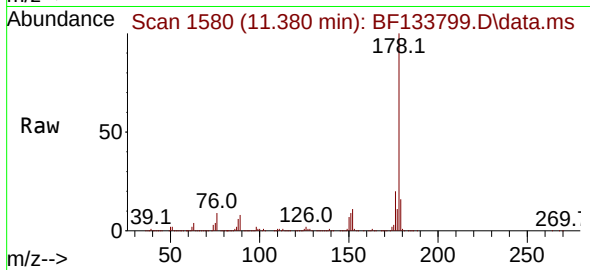
Tgt Ion:178 Resp: 634646

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.8 12.4 18.6



#72

Anthracene

Concen: 46.063 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

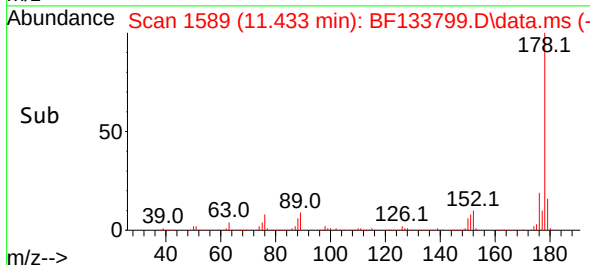
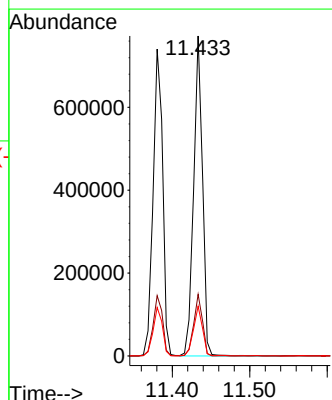
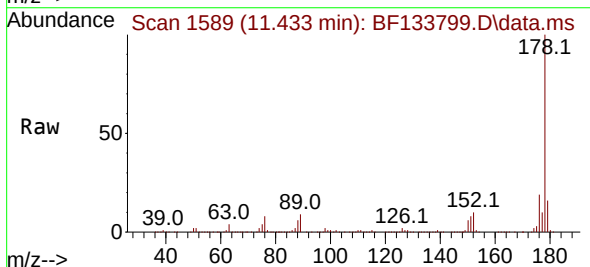
Tgt Ion:178 Resp: 614025

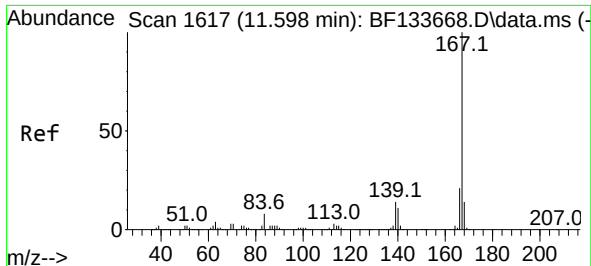
Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.5 12.6 18.8

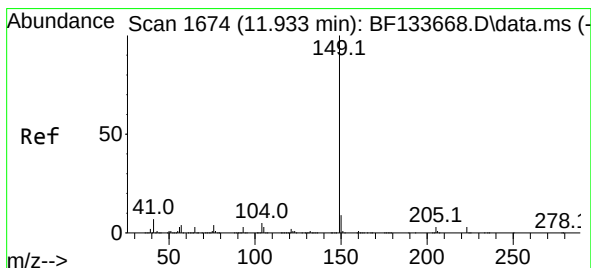
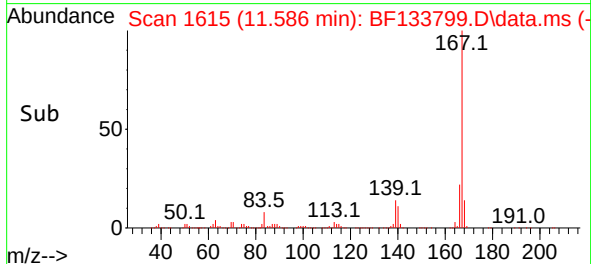
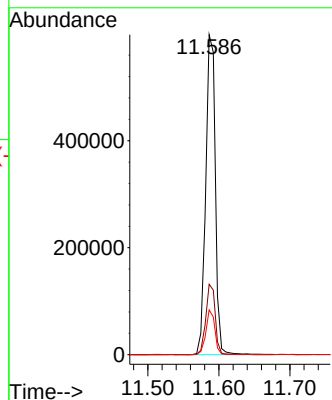
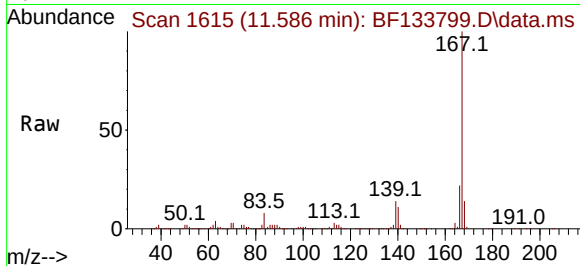




#73
 Carbazole
 Concen: 45.541 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF133799.D
 Acq: 16 Jun 2023 04:13

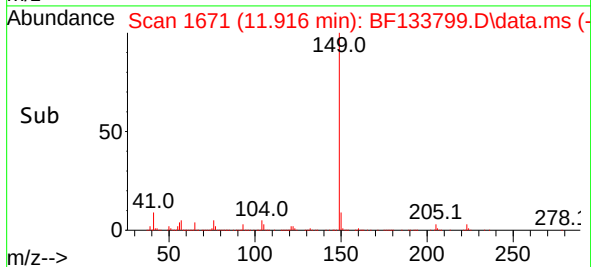
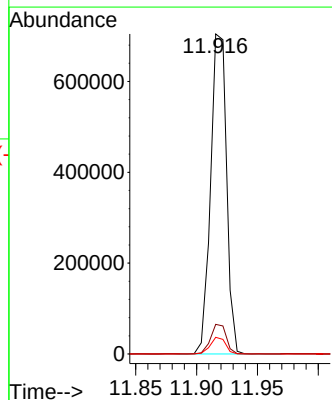
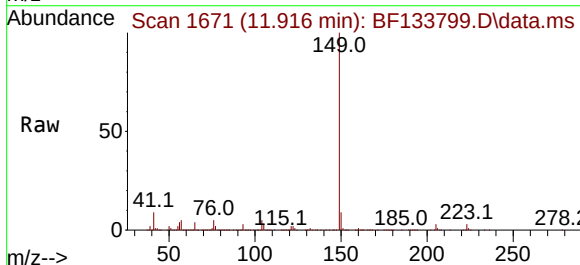
Instrument :
 BNA_F
 ClientSampleId :
 RT-4194MSD

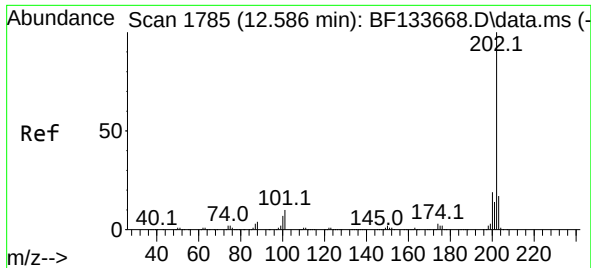
Tgt Ion:167 Resp: 565403
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 14.0 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 40.274 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. -0.006 min
 Lab File: BF133799.D
 Acq: 16 Jun 2023 04:13

Tgt Ion:149 Resp: 641000
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.2 3.8 5.8

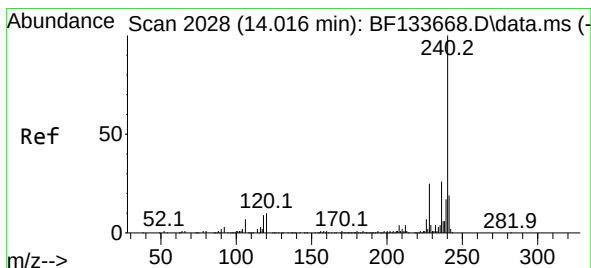
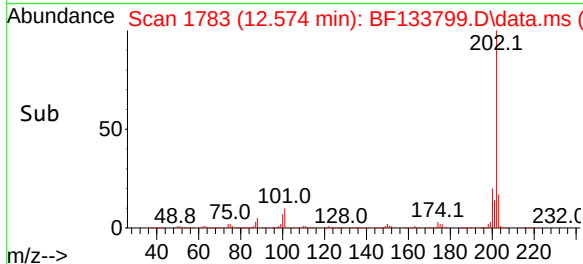
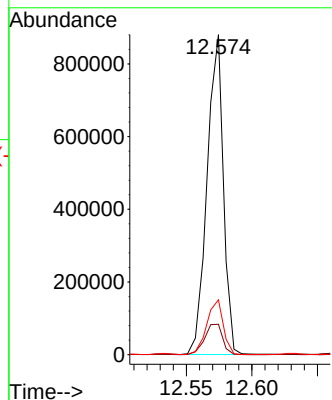
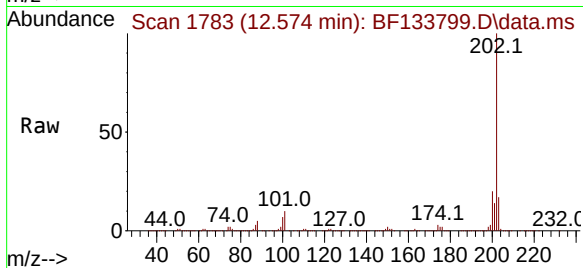




#75
Fluoranthene
Concen: 56.309 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

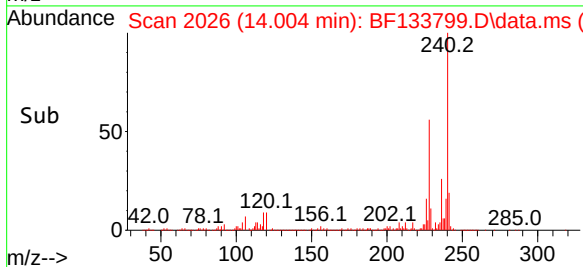
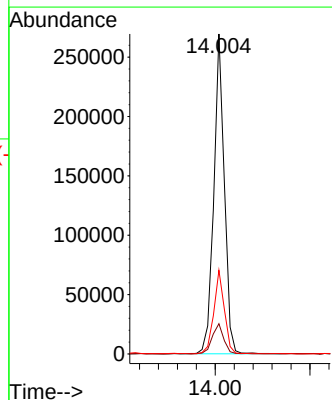
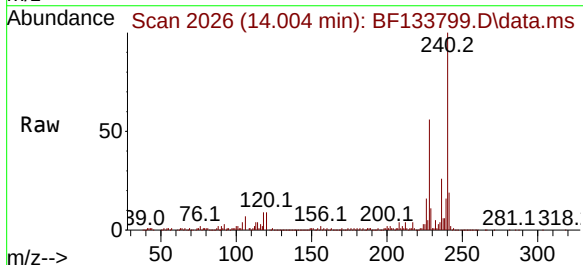
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

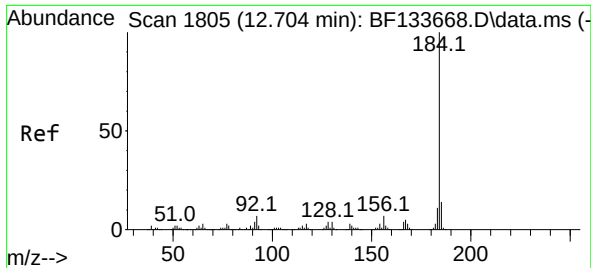
Tgt Ion:202 Resp: 764447
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.6
203 17.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:240 Resp: 206800
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 26.1 20.5 30.7

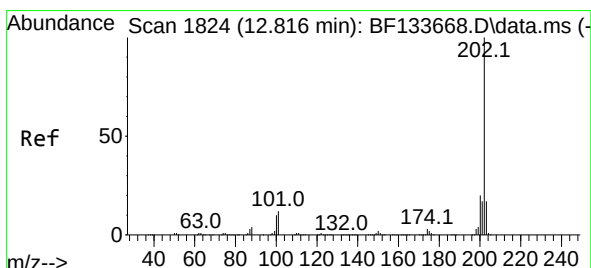
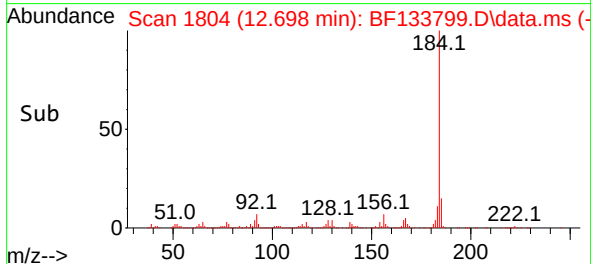
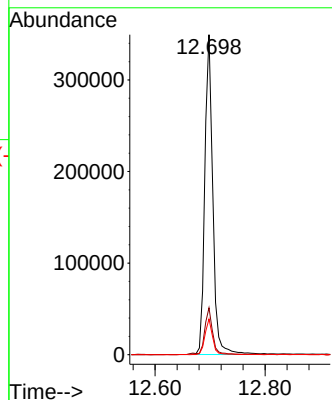
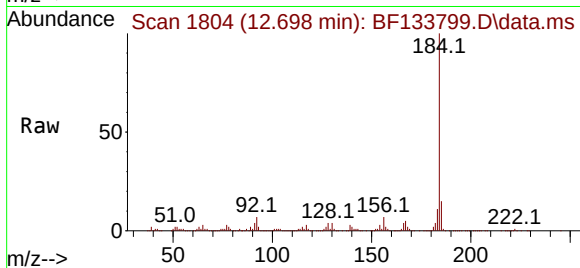




#77
Benzidine
Concen: 51.247 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

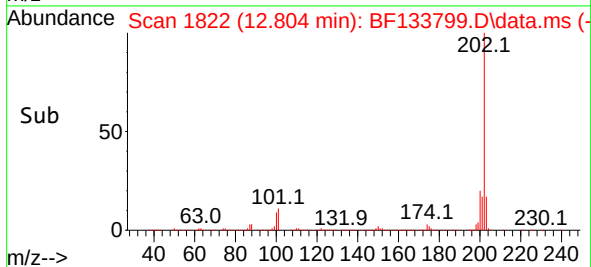
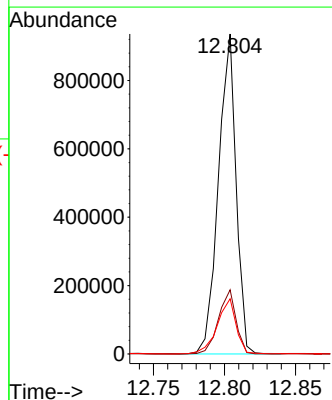
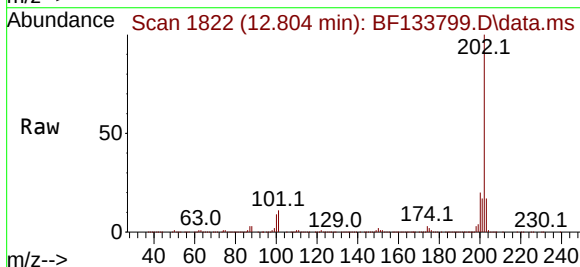
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

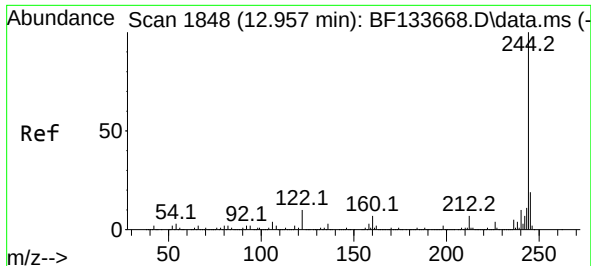
Tgt Ion:184 Resp: 355621
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 11.1 8.4 12.6



#78
Pyrene
Concen: 41.927 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

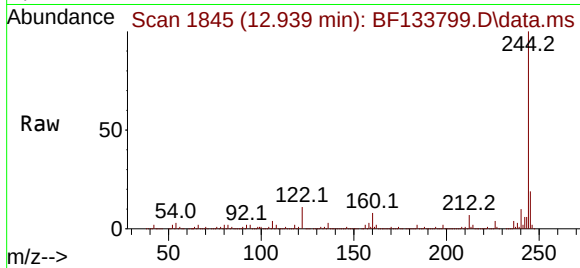
Tgt Ion:202 Resp: 807699
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.3 13.9 20.9



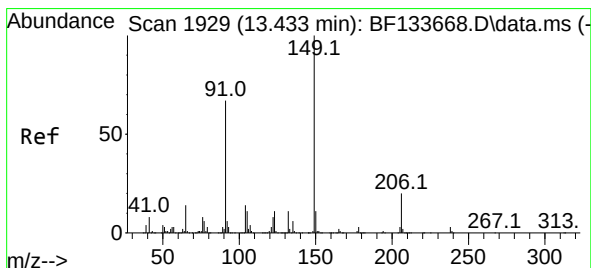
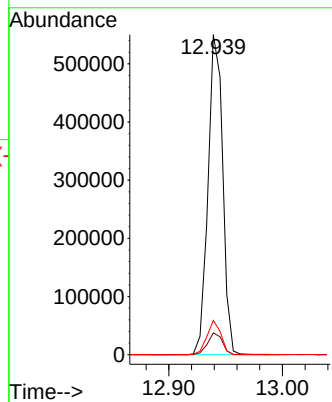
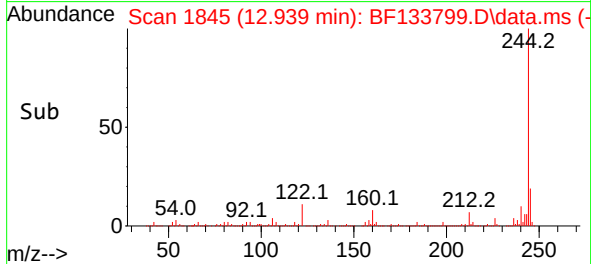


#79
 Terphenyl-d14
 Concen: 36.890 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. -0.006 min
 Lab File: BF133799.D
 Acq: 16 Jun 2023 04:13

Instrument :
 BNA_F
 ClientSampleId :
 RT-4194MSD

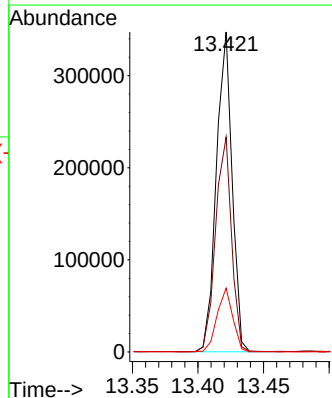
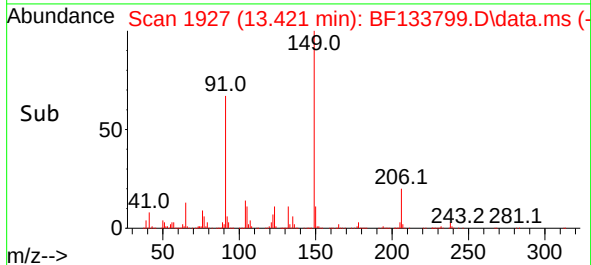
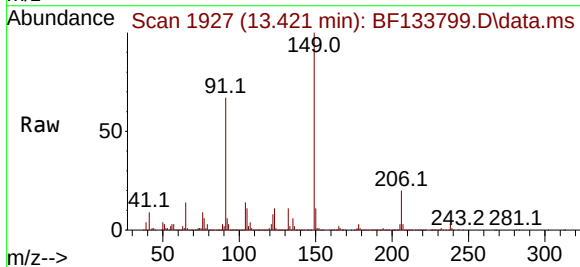


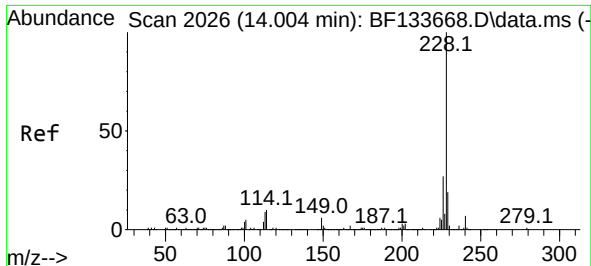
Tgt Ion:244 Resp: 493034
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.7 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 35.642 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: BF133799.D
 Acq: 16 Jun 2023 04:13

Tgt Ion:149 Resp: 289865
 Ion Ratio Lower Upper
 149 100
 91 67.1 54.0 81.0
 206 19.9 15.6 23.4

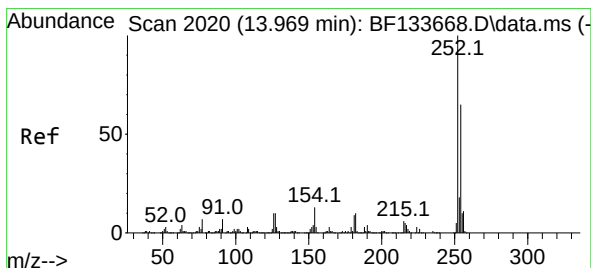
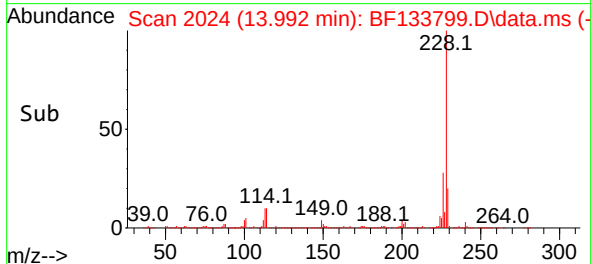
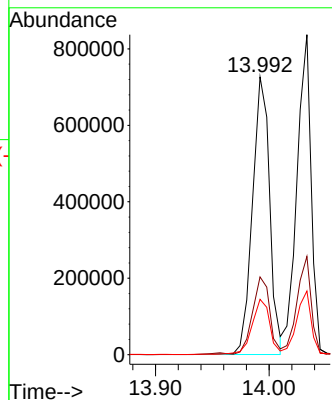
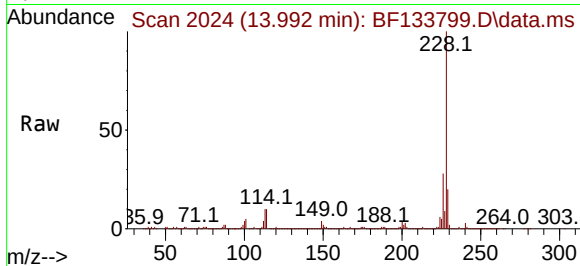




#81
Benzo(a)anthracene
Concen: 53.429 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

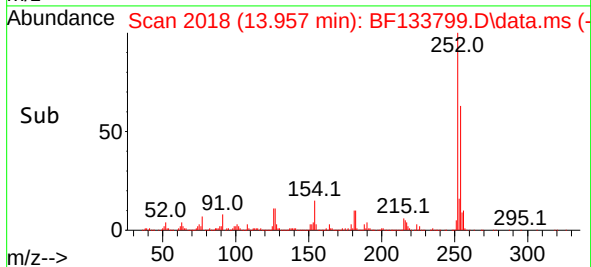
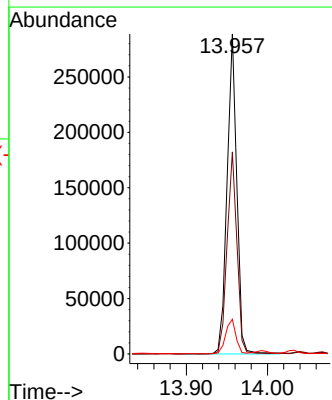
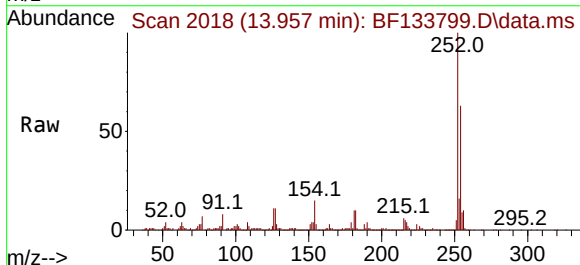
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

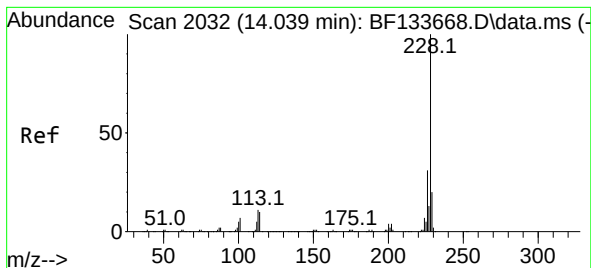
Tgt Ion:228 Resp: 764277
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 19.9 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 50.774 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:252 Resp: 241464
Ion Ratio Lower Upper
252 100
254 63.2 51.9 77.9
126 10.8 7.7 11.5





#83

Chrysene

Concen: 53.944 ng

RT: 14.033 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

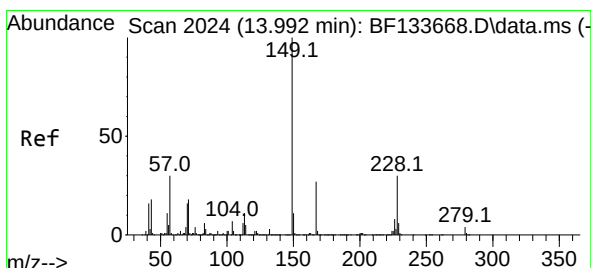
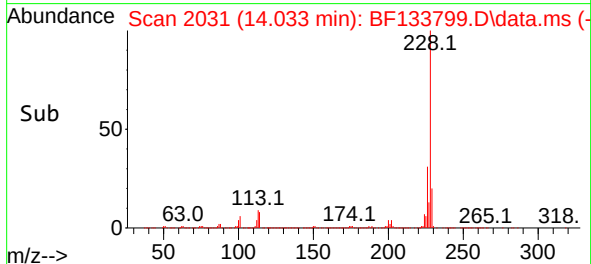
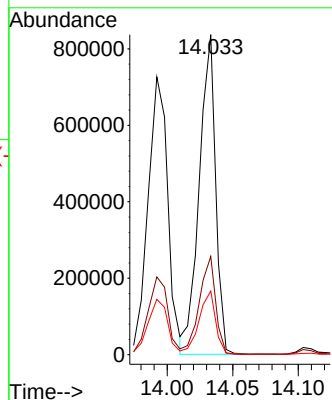
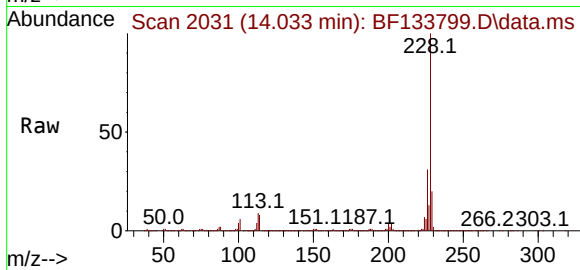
Tgt Ion:228 Resp: 729826

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.031 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

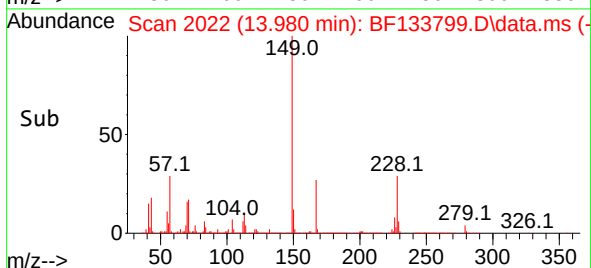
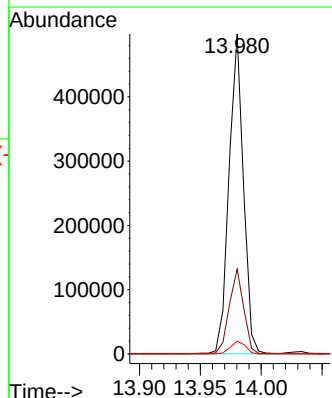
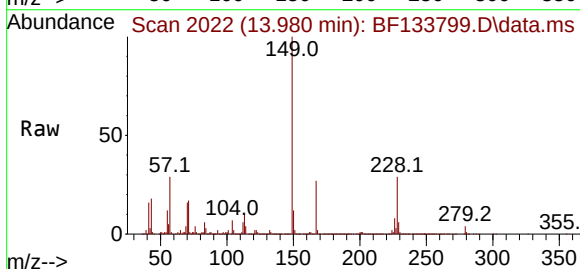
Tgt Ion:149 Resp: 410871

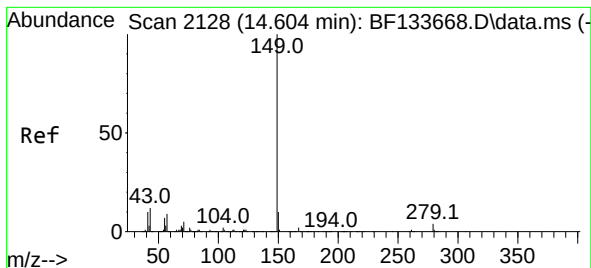
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 55.283 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

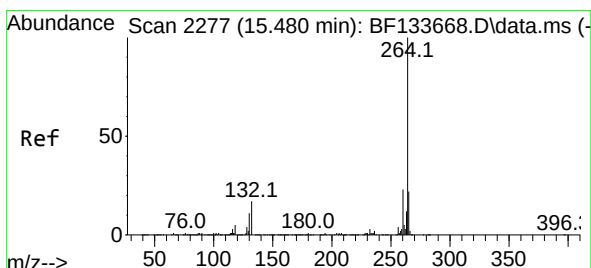
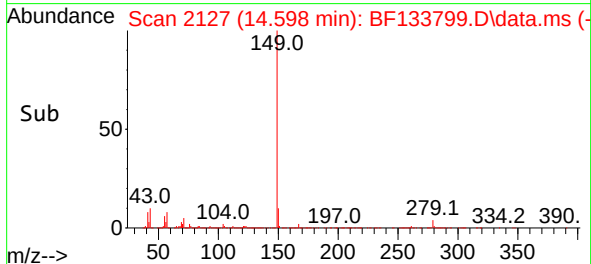
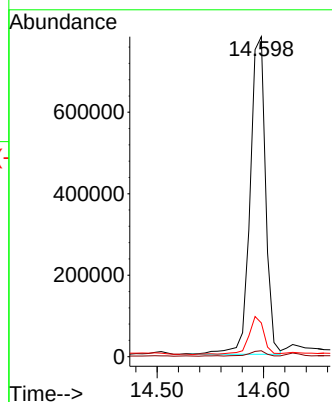
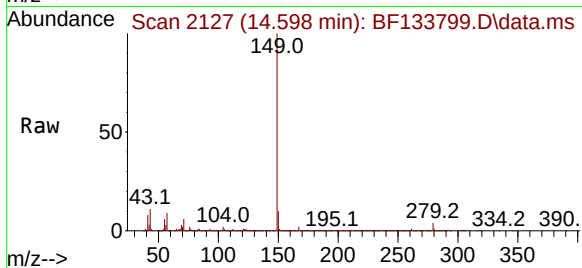
Tgt Ion:149 Resp: 786673

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

43 12.4 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

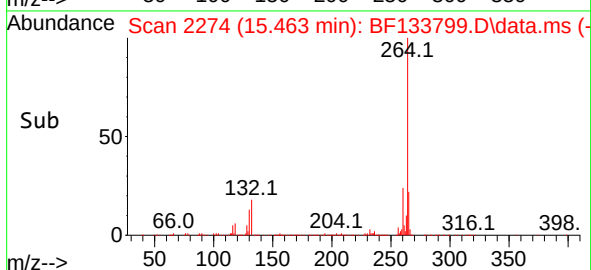
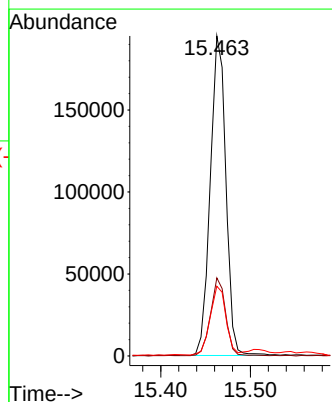
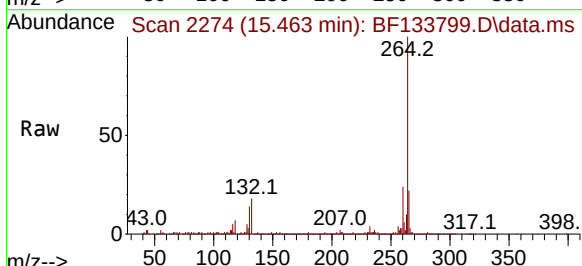
Tgt Ion:264 Resp: 235375

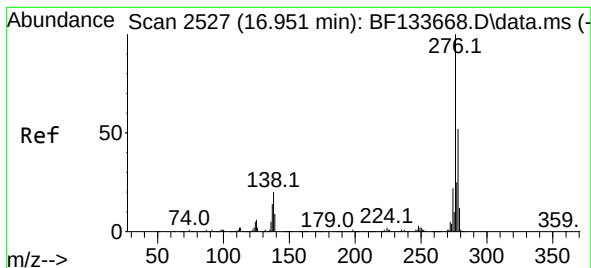
Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.2

265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.606 ng

RT: 16.927 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

Instrument :

BNA_F

ClientSampleId :

RT-4194MSD

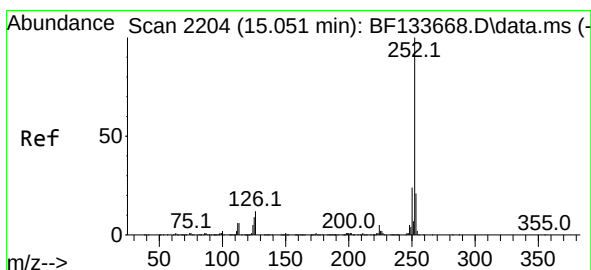
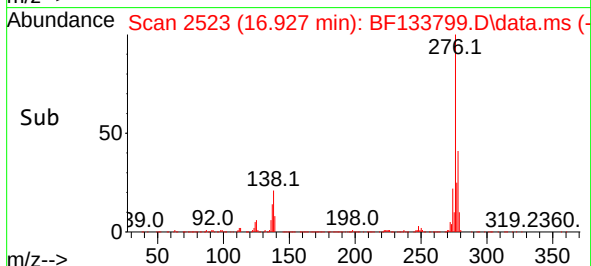
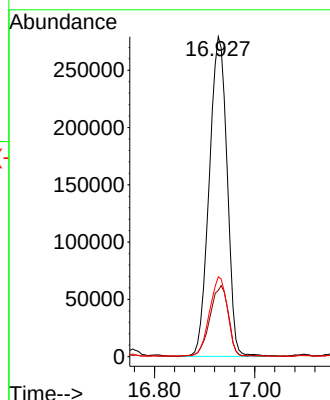
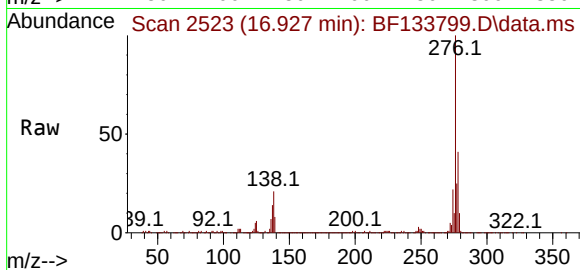
Tgt Ion:276 Resp: 689929

Ion Ratio Lower Upper

276 100

138 22.8 17.9 26.9

277 24.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 64.480 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF133799.D

Acq: 16 Jun 2023 04:13

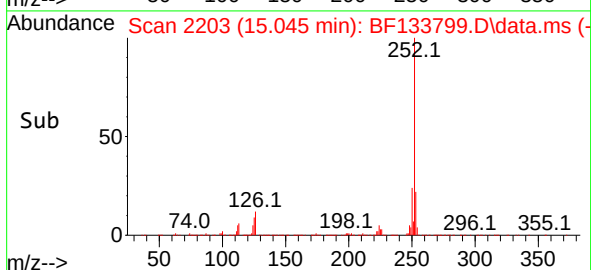
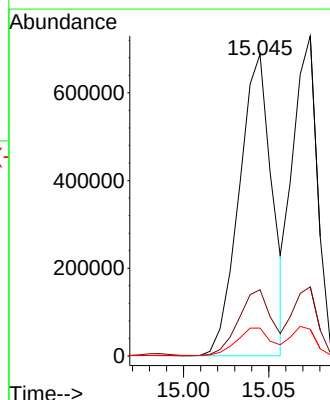
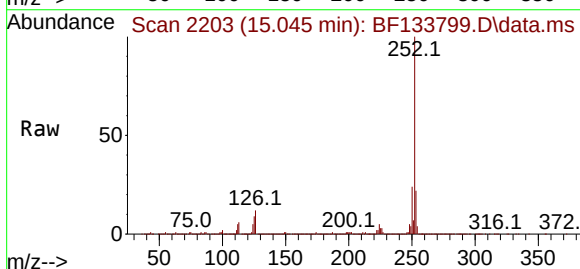
Tgt Ion:252 Resp: 921944

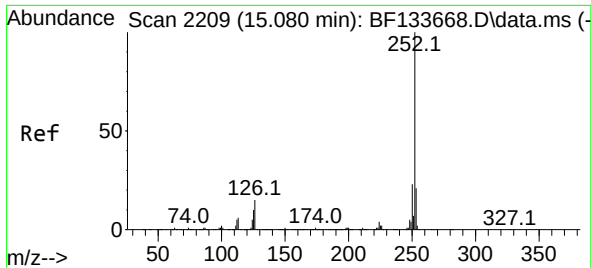
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 9.2 7.3 10.9

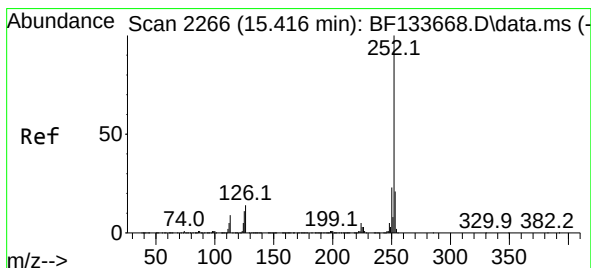
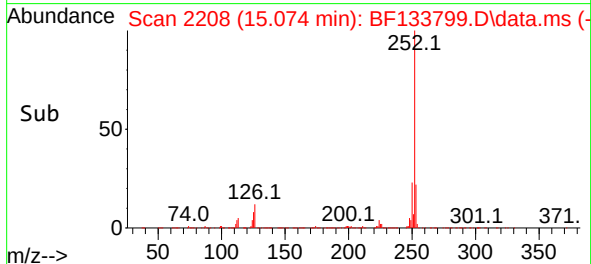
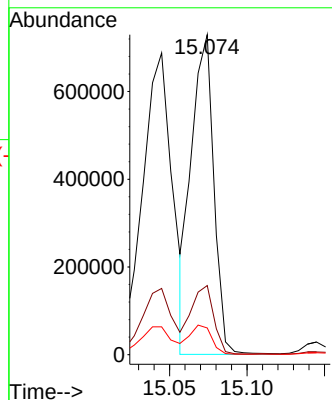
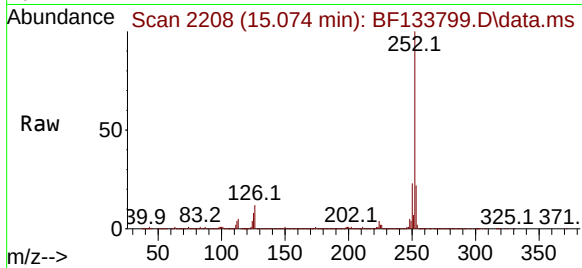




#89
Benzo(k)fluoranthene
Concen: 52.780 ng
RT: 15.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

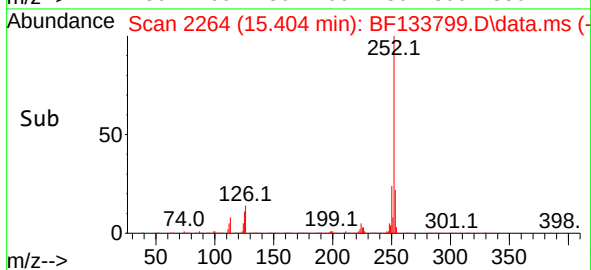
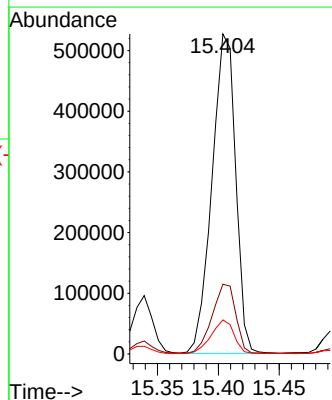
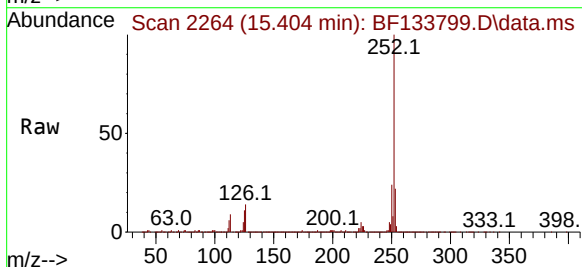
Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

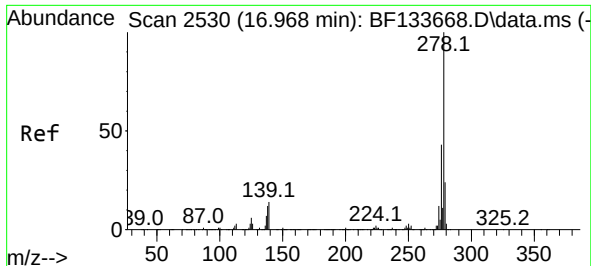
Tgt Ion:252 Resp: 735114
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 8.3 7.8 11.6



#90
Benzo(a)pyrene
Concen: 53.802 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:252 Resp: 713936
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 10.7 8.6 13.0

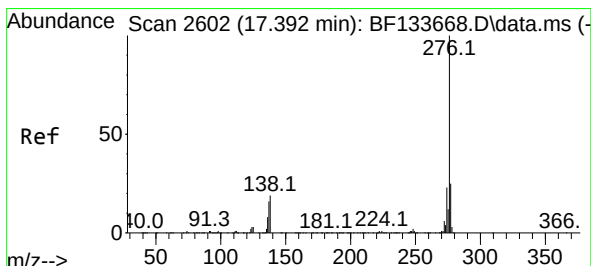
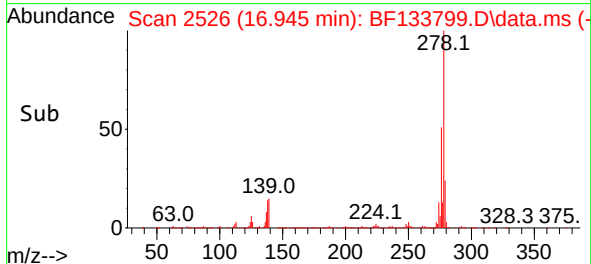
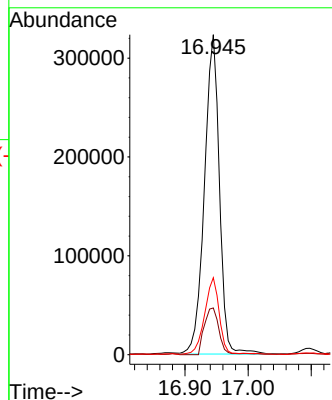
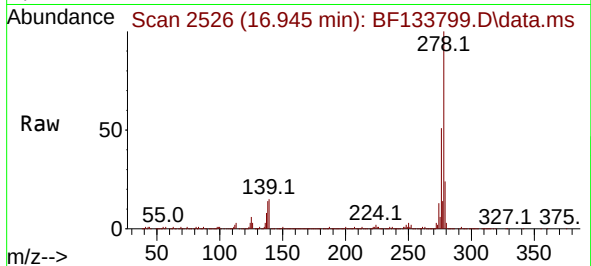




#91
Dibenzo(a,h)anthracene
Concen: 39.878 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Instrument :
BNA_F
ClientSampleId :
RT-4194MSD

Tgt Ion:278 Resp: 534609
Ion Ratio Lower Upper
278 100
139 14.6 11.4 17.2
279 24.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 40.744 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.006 min
Lab File: BF133799.D
Acq: 16 Jun 2023 04:13

Tgt Ion:276 Resp: 541566
Ion Ratio Lower Upper
276 100
277 23.3 19.8 29.8
138 19.2 15.0 22.4

