

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131999.D
 Acq On : 10 Jan 2023 16:45
 Operator : CG\JU
 Sample : PB150165BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150165BS

Quant Time: Jan 11 00:36:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	86925	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	314061	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	188798	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	344065	20.000	ng	0.00
76) Chrysene-d12	13.980	240	196358	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	157389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	482547	91.473	ng	0.02
7) Phenol-d6	6.434	99	604228	86.388	ng	0.00
23) Nitrobenzene-d5	7.363	82	645262	85.272	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	170601	78.590	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1128906	80.720	ng	0.00
79) Terphenyl-d14	12.922	244	1234266	90.093	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	84615	36.726	ng	99
3) Pyridine	3.293	79	235040	36.349	ng	97
4) n-Nitrosodimethylamine	3.269	42	134220	44.166	ng	96
6) Aniline	6.451	93	283792	30.838	ng	# 76
8) 2-Chlorophenol	6.575	128	238008	44.969	ng	95
9) Benzaldehyde	6.334	77	116290	24.987	ng	98
10) Phenol	6.445	94	331009	42.423	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	250881	42.654	ng	95
12) 1,3-Dichlorobenzene	6.722	146	257889	43.746	ng	98
13) 1,4-Dichlorobenzene	6.804	146	263969	44.254	ng	97
14) 1,2-Dichlorobenzene	6.951	146	254309	44.891	ng	98
15) Benzyl Alcohol	6.940	79	263831	43.316	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	310102	41.777	ng	64
17) 2-Methylphenol	7.057	107	212627	40.595	ng	93
18) Hexachloroethane	7.292	117	108448	43.964	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	201968	39.918	ng	99
20) 3+4-Methylphenols	7.210	107	271666	40.400	ng	# 86
22) Acetophenone	7.204	105	394795	43.175	ng	98
24) Nitrobenzene	7.381	77	314680	40.848	ng	99
25) Isophorone	7.622	82	564184	39.910	ng	100
26) 2-Nitrophenol	7.692	139	130007	42.890	ng	95
27) 2,4-Dimethylphenol	7.740	122	211480	41.798	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	311966	39.873	ng	98
29) 2,4-Dichlorophenol	7.939	162	214861	41.460	ng	96
30) 1,2,4-Trichlorobenzene	8.016	180	249563	42.048	ng	99
31) Naphthalene	8.098	128	686563	41.366	ng	100
32) Benzoic acid	7.892	122	120173	40.969	ng	95
33) 4-Chloroaniline	8.151	127	172481	25.183	ng	98
34) Hexachlorobutadiene	8.210	225	172666	41.960	ng	98
35) Caprolactam	8.545	113	34767	22.842	ng	93
36) 4-Chloro-3-methylphenol	8.651	107	250063	41.112	ng	95
37) 2-Methylnaphthalene	8.792	142	467727	39.238	ng	98
38) 1-Methylnaphthalene	8.892	142	437903	39.651	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	265083	39.845	ng	99
41) Hexachlorocyclopentadiene	8.939	237	231128	70.953	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	164673	41.122	ng	99

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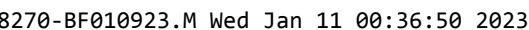
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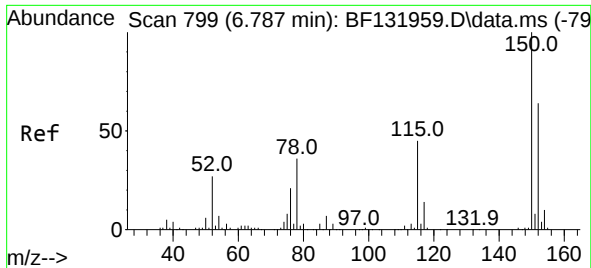
Quant Time: Jan 11 00:36:41 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	174343	37.397	ng	95
46) 1,1'-Biphenyl	9.257	154	589626	40.463	ng	99
47) 2-Chloronaphthalene	9.286	162	470795	41.626	ng	98
48) 2-Nitroaniline	9.392	65	167949	40.884	ng	96
49) Acenaphthylene	9.704	152	696461	39.682	ng	100
50) Dimethylphthalate	9.569	163	560006	38.053	ng	99
51) 2,6-Dinitrotoluene	9.634	165	122971	39.729	ng	88
52) Acenaphthene	9.875	154	416914	39.573	ng	98
53) 3-Nitroaniline	9.804	138	87559	29.158	ng	95
54) 2,4-Dinitrophenol	9.922	184	124345	80.011	ng	90
55) Dibenzofuran	10.045	168	644829	38.830	ng	98
56) 4-Nitrophenol	9.986	139	141896	83.890	ng	100
57) 2,4-Dinitrotoluene	10.039	165	165732	40.049	ng	94
58) Fluorene	10.392	166	517547	39.013	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	139571	40.179	ng	91
60) Diethylphthalate	10.269	149	536415	37.068	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	280647	36.955	ng	96
62) 4-Nitroaniline	10.428	138	102623	38.006	ng	93
63) Azobenzene	10.545	77	578814	37.706	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	89697	40.426	ng	87
66) n-Nitrosodiphenylamine	10.504	169	441923	40.940	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	168580	39.167	ng	91
68) Hexachlorobenzene	10.933	284	186070	42.735	ng	# 91
69) Atrazine	11.039	200	170741	43.496	ng	98
70) Pentachlorophenol	11.139	266	156867	68.238	ng	98
71) Phenanthrene	11.357	178	744034	41.482	ng	100
72) Anthracene	11.410	178	735904	39.855	ng	99
73) Carbazole	11.569	167	639108	41.808	ng	100
74) Di-n-butylphthalate	11.892	149	797153	37.450	ng	100
75) Fluoranthene	12.551	202	792197	39.272	ng	99
77) Benzidine	12.675	184	151968	23.296	ng	98
78) Pyrene	12.780	202	787905	43.995	ng	100
80) Butylbenzylphthalate	13.398	149	273646	37.855	ng	97
81) Benzo(a)anthracene	13.969	228	570099	39.907	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	148803	33.375	ng	98
83) Chrysene	14.010	228	528347	39.574	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	330842	33.782	ng	98
85) Di-n-octyl phthalate	14.568	149	469375	35.024	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	501203	51.924	ng	99
88) Benzo(b)fluoranthene	15.021	252	472353	43.757	ng	99
89) Benzo(k)fluoranthene	15.051	252	457367	42.453	ng	99
90) Benzo(a)pyrene	15.386	252	408284	41.978	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	425909	52.636	ng	98
92) Benzo(g,h,i)perylene	17.362	276	429256	49.430	ng	99

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

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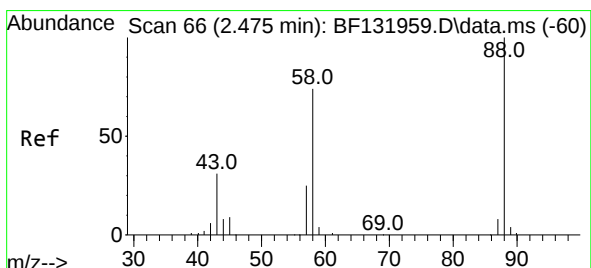
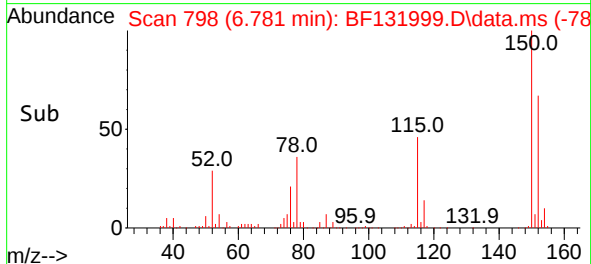
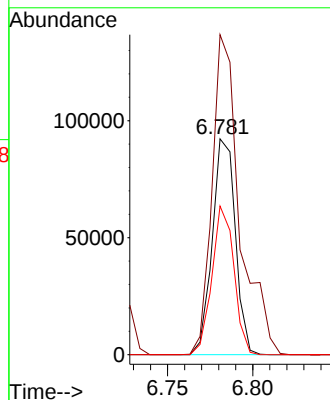
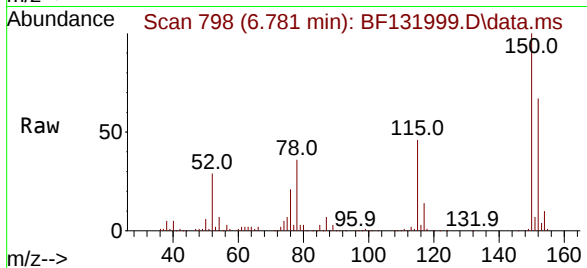




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45

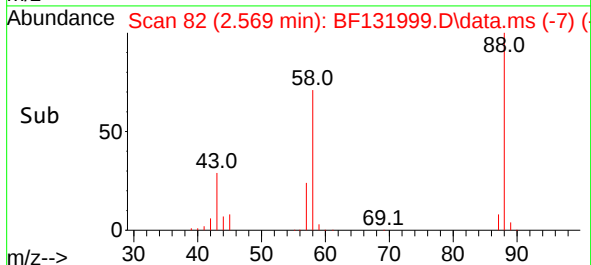
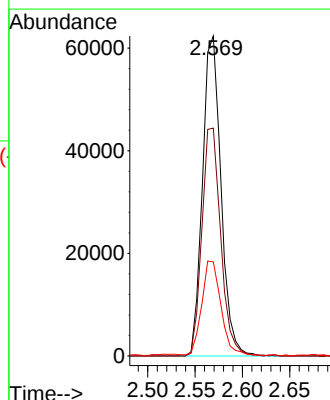
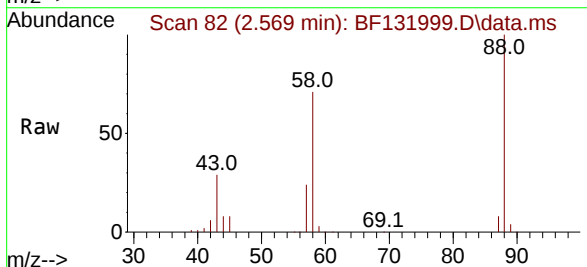
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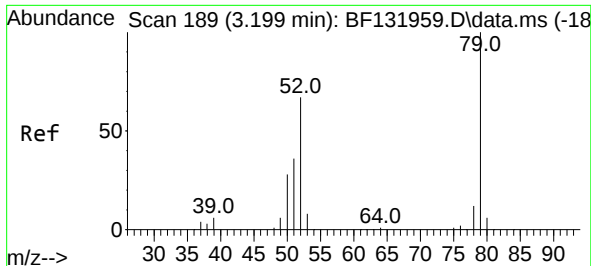
Tgt Ion:152 Resp: 86925
 Ion Ratio Lower Upper
 152 100
 150 148.3 124.6 186.8
 115 68.9 55.6 83.4



#2
 1,4-Dioxane
 Concen: 36.726 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.094 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45

Tgt Ion: 88 Resp: 84615
 Ion Ratio Lower Upper
 88 100
 58 72.7 59.0 88.4
 43 31.3 24.6 37.0

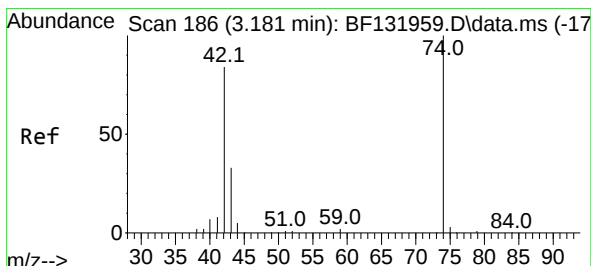
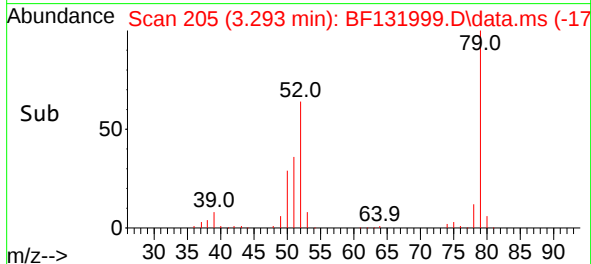
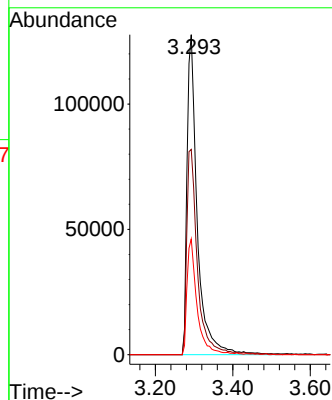
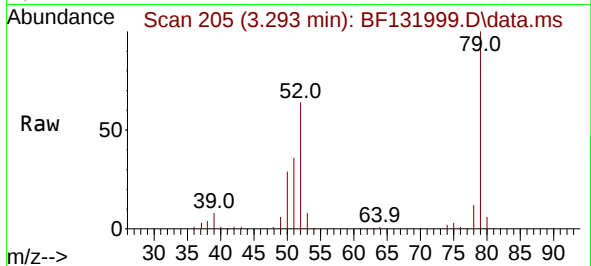




#3
Pyridine
Concen: 36.349 ng
RT: 3.293 min Scan# 201
Delta R.T. 0.094 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

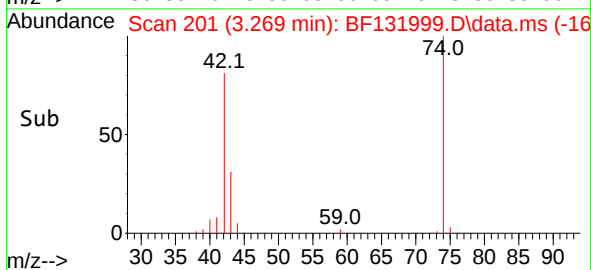
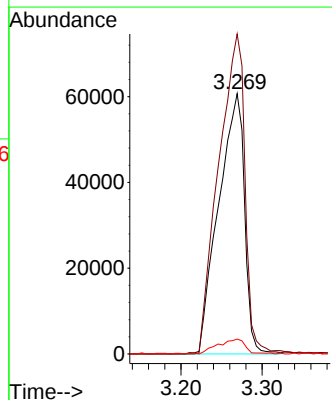
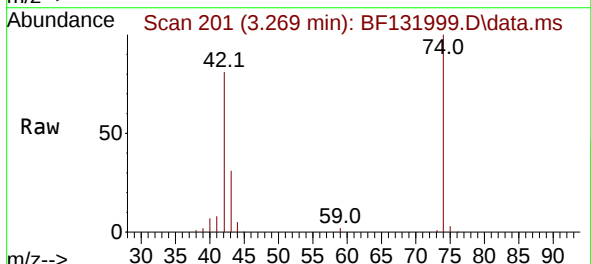
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ClientSampleId :
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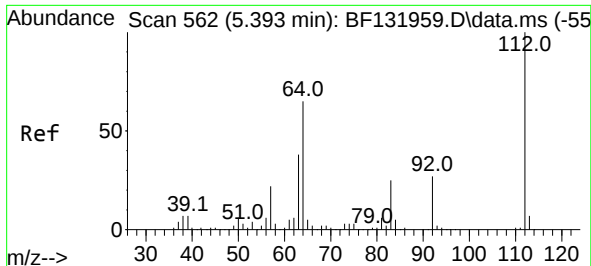
Tgt Ion: 79 Resp: 235040
Ion Ratio Lower Upper
79 100
52 64.2 53.7 80.5
51 36.2 28.6 43.0



#4
n-Nitrosodimethylamine
Concen: 44.166 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.088 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion: 42 Resp: 134220
Ion Ratio Lower Upper
42 100
74 122.9 94.8 142.2
44 5.7 4.5 6.7

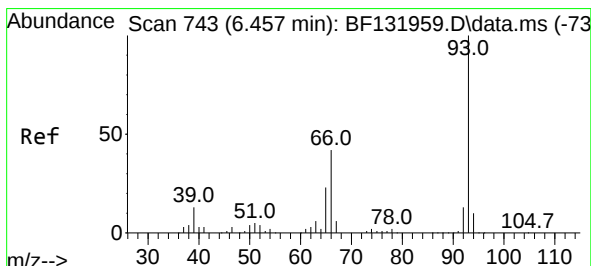
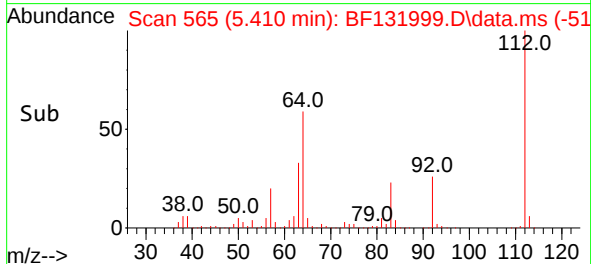
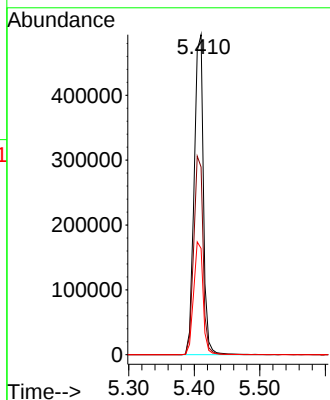
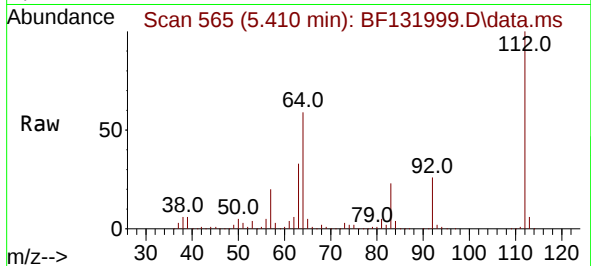




#5
2-Fluorophenol
Concen: 91.473 ng
RT: 5.410 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

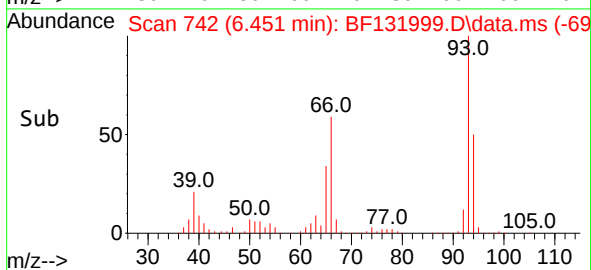
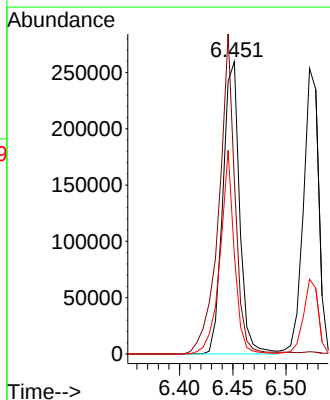
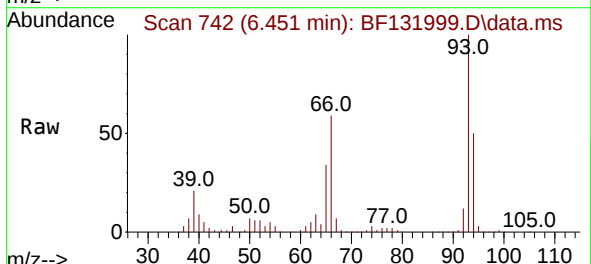
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ClientSampleId :
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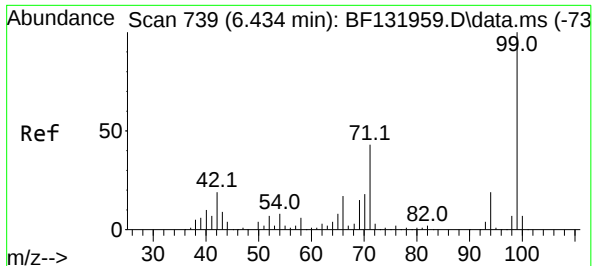
Tgt Ion:112 Resp: 482547
Ion Ratio Lower Upper
112 100
64 58.7 51.9 77.9
63 33.2 30.2 45.2



#6
Aniline
Concen: 30.838 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion: 93 Resp: 283792
Ion Ratio Lower Upper
93 100
66 59.2 34.6 51.8#
65 33.8 18.2 27.2#

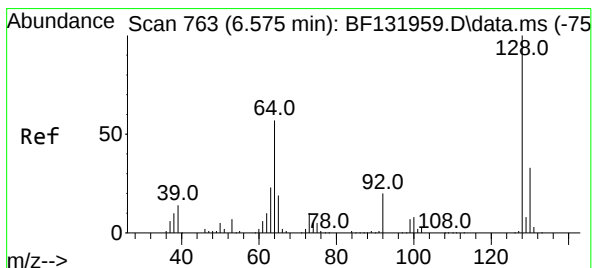
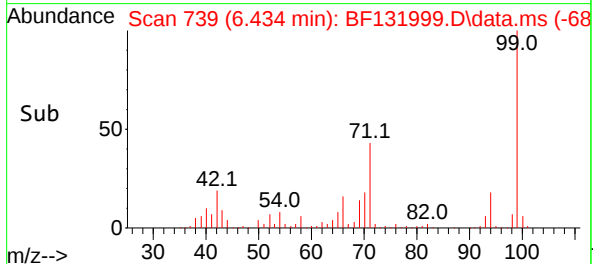
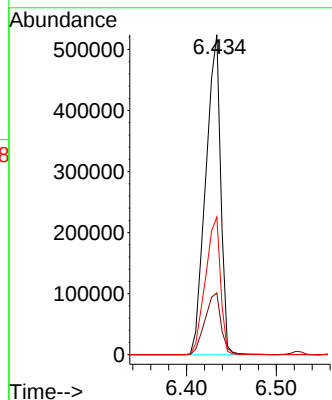
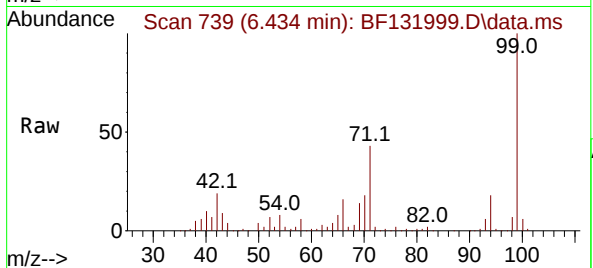




#7
Phenol-d6
Concen: 86.388 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

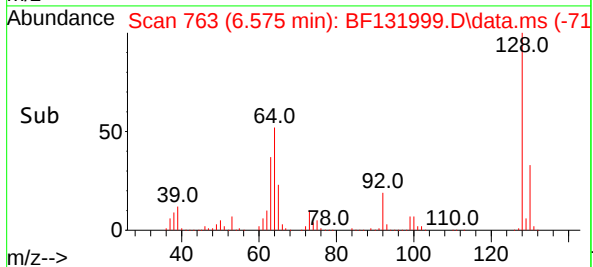
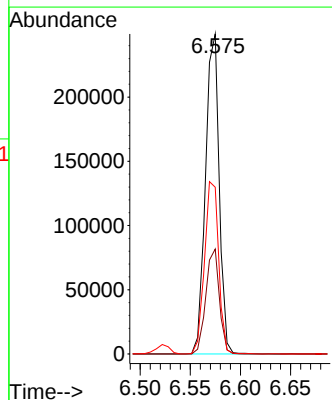
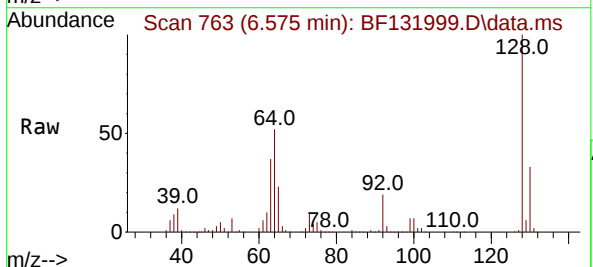
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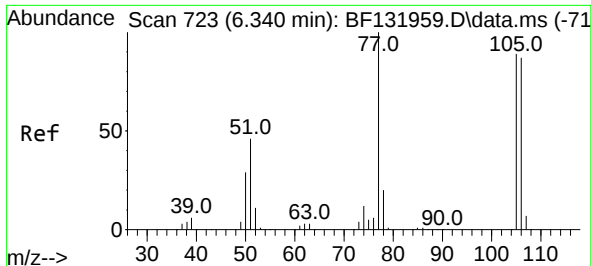
Tgt Ion: 99 Resp: 604228
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.2
71 43.0 34.6 51.8



#8
2-Chlorophenol
Concen: 44.969 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:128 Resp: 238008
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 52.1 37.6 77.6

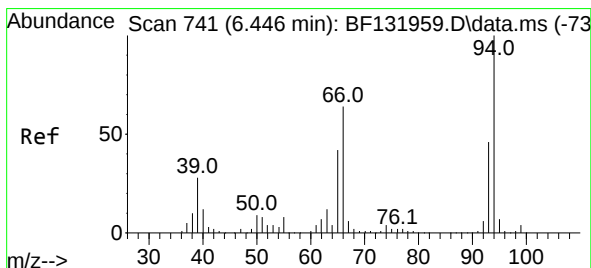
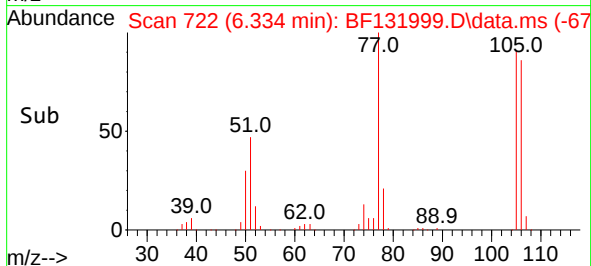
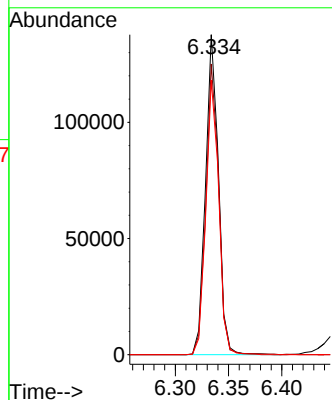
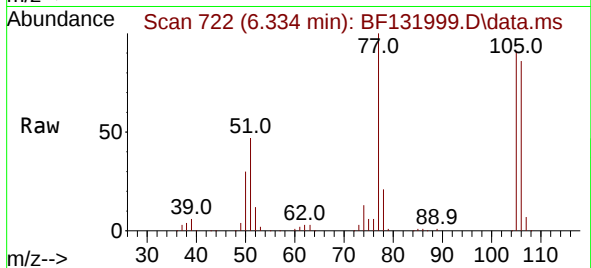




#9
Benzaldehyde
Concen: 24.987 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

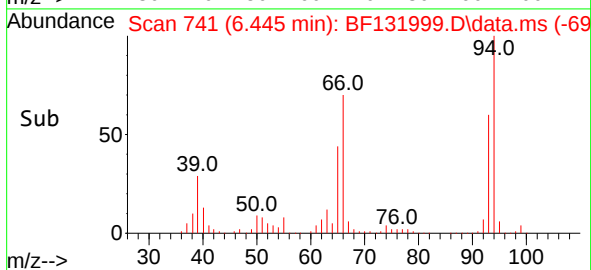
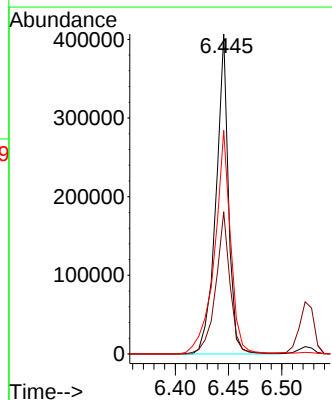
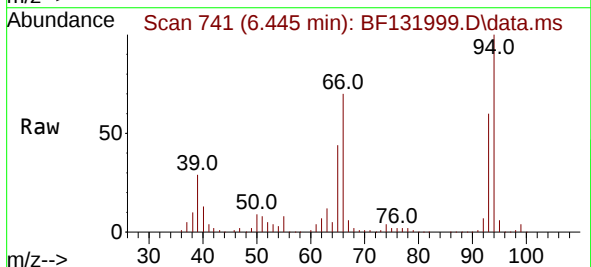
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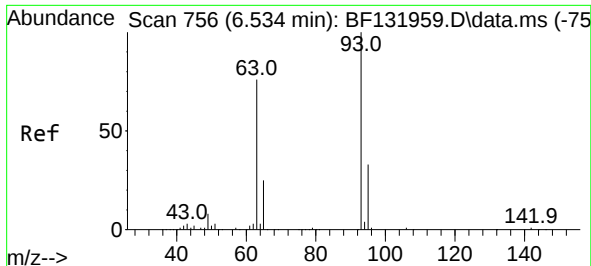
Tgt Ion: 77 Resp: 116290
Ion Ratio Lower Upper
77 100
105 90.9 69.0 109.0
106 85.8 67.0 107.0



#10
Phenol
Concen: 42.423 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion: 94 Resp: 331009
Ion Ratio Lower Upper
94 100
65 44.5 22.2 62.2
66 69.9 44.4 84.4

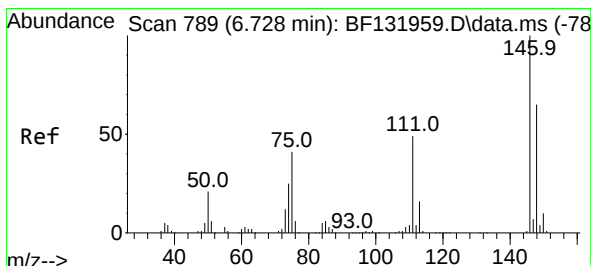
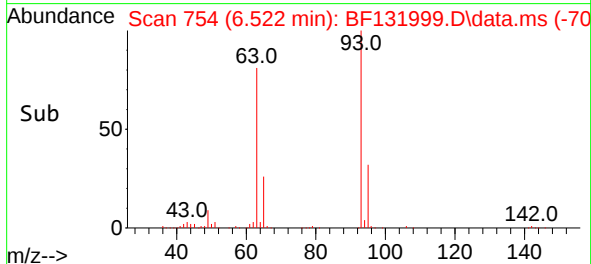
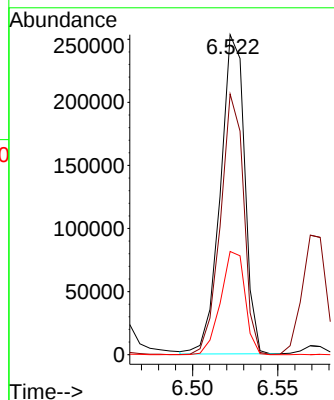
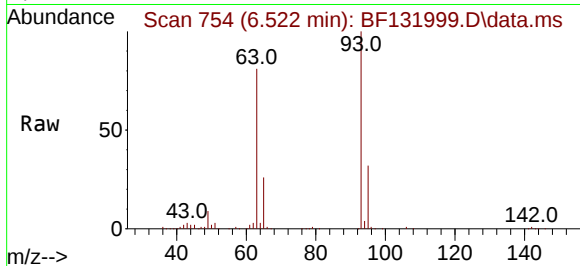




#11
bis(2-Chloroethyl)ether
Concen: 42.654 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

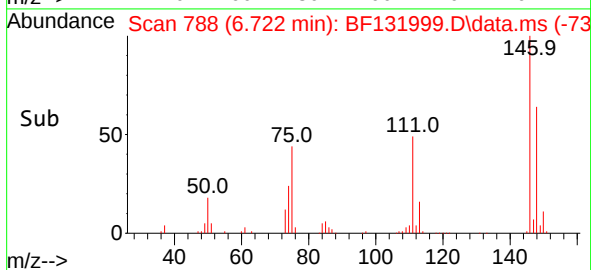
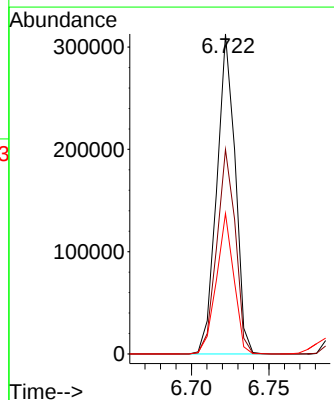
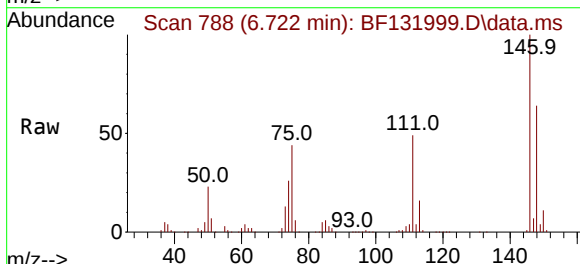
Instrument :
BNA_F
ClientSampleId :
PB150165BS

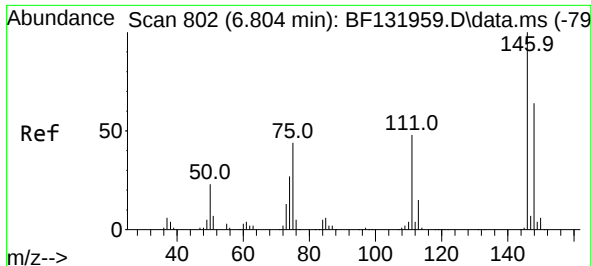
Tgt Ion: 93 Resp: 250881
Ion Ratio Lower Upper
93 100
63 81.5 55.5 95.5
95 32.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 43.746 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion: 146 Resp: 257889
Ion Ratio Lower Upper
146 100
148 63.9 51.7 77.5
75 43.9 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 44.254 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

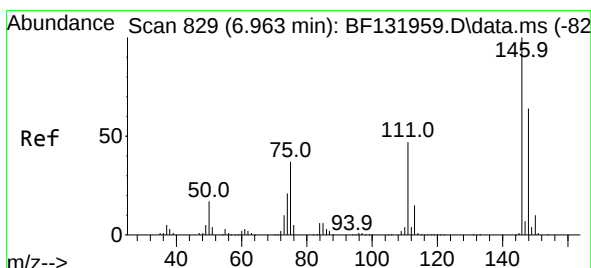
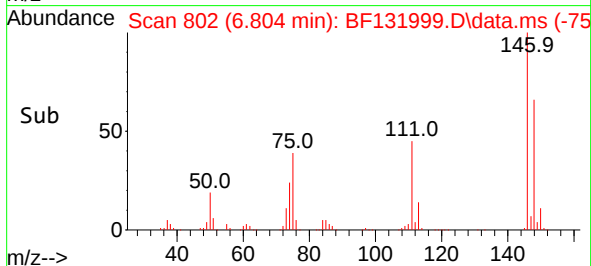
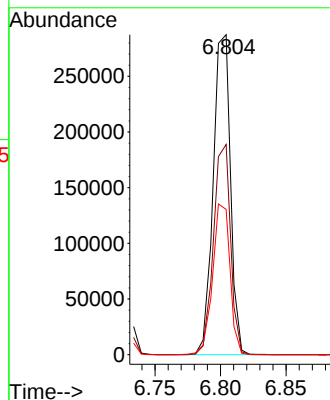
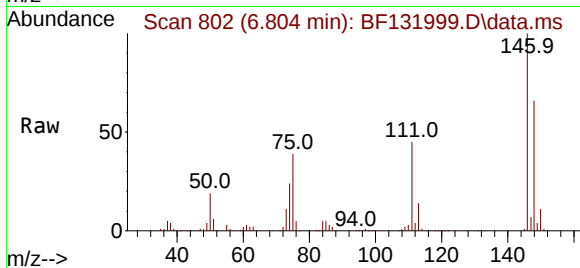
Tgt Ion:146 Resp: 263969

Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.6

111 45.4 38.5 57.7



#14

1,2-Dichlorobenzene

Concen: 44.891 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

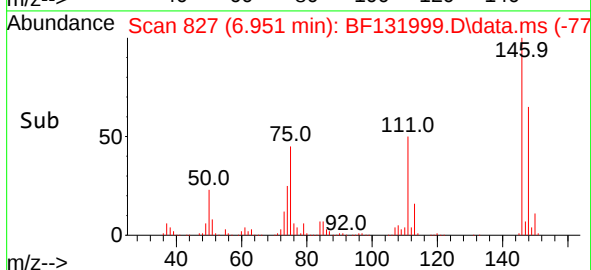
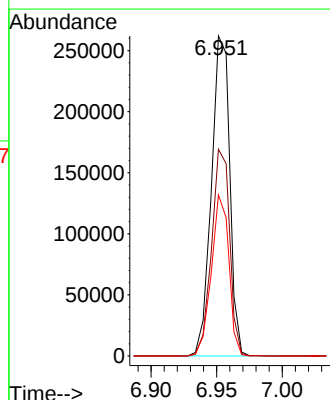
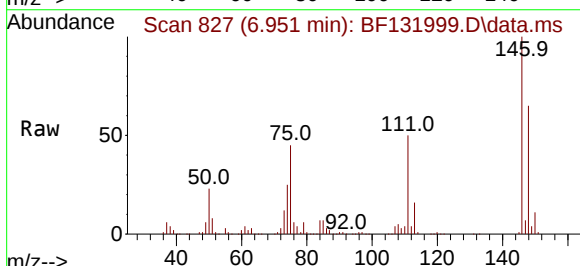
Tgt Ion:146 Resp: 254309

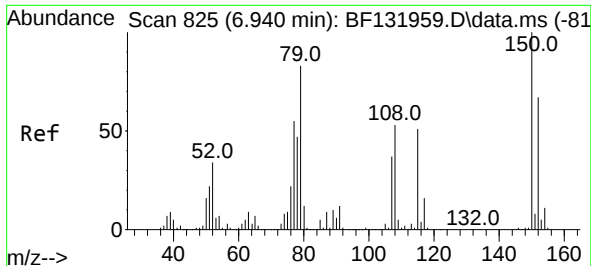
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

111 50.3 37.7 56.5

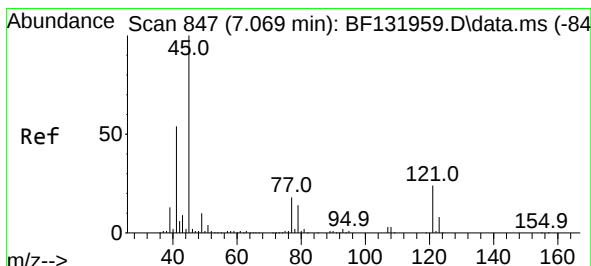
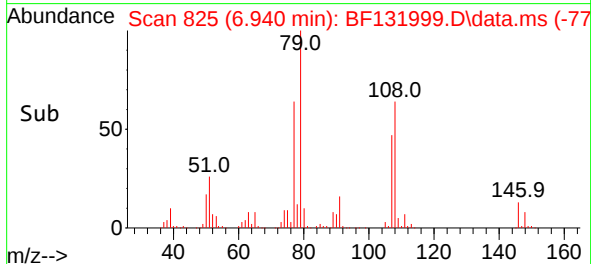
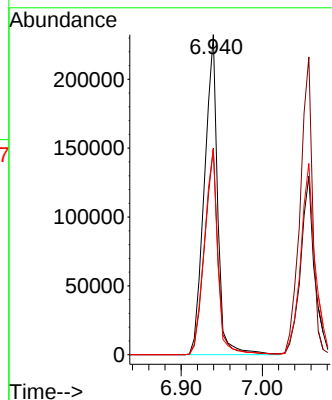
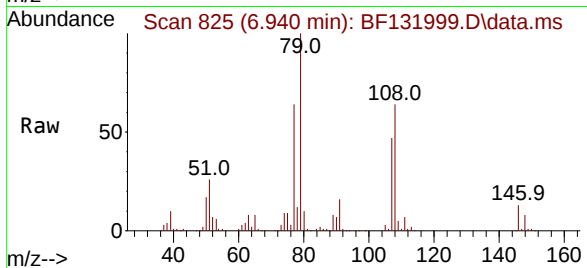




#15
Benzyl Alcohol
Concen: 43.316 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

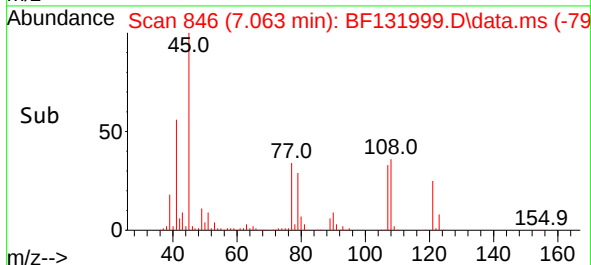
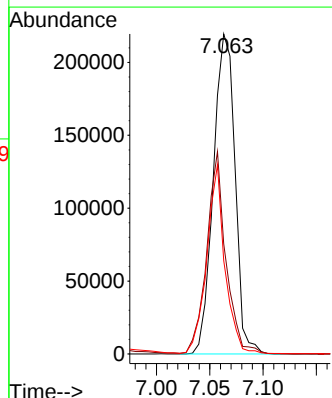
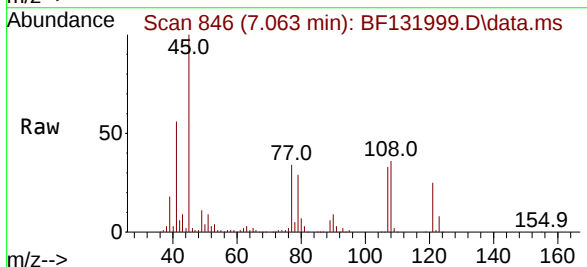
Instrument :
BNA_F
ClientSampleId :
PB150165BS

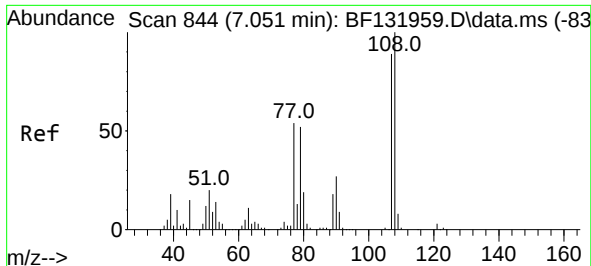
Tgt Ion: 79 Resp: 263831
Ion Ratio Lower Upper
79 100
108 64.5 51.7 77.5
77 64.3 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.777 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion: 45 Resp: 310102
Ion Ratio Lower Upper
45 100
77 34.4 0.0 38.1
79 29.2 0.0 34.6



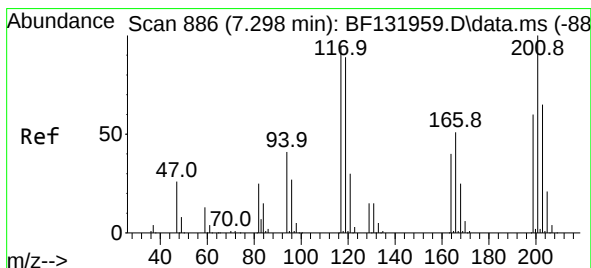
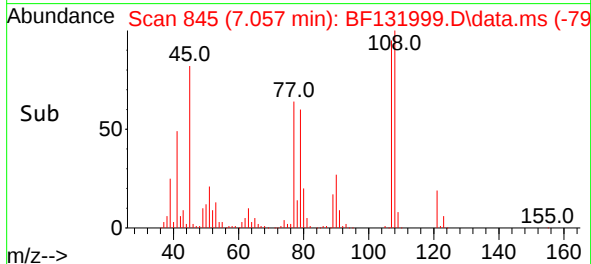
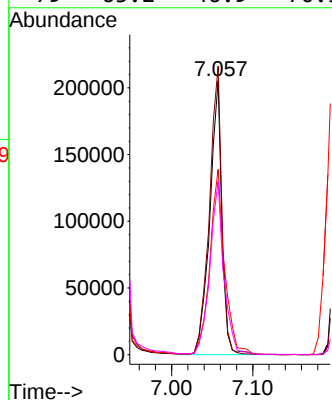
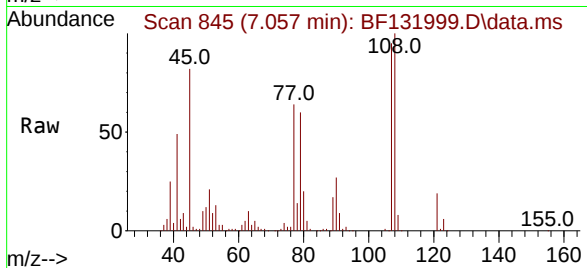


#17
2-Methylphenol
Concen: 40.595 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :
BNA_F
ClientSampleId :
PB150165BS

Tgt Ion:107 Resp: 212627

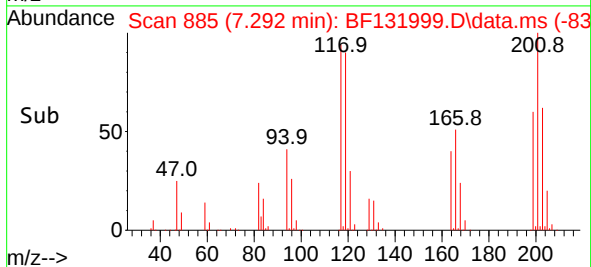
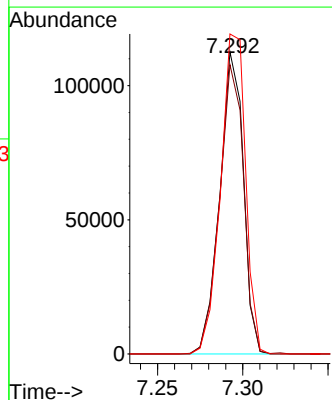
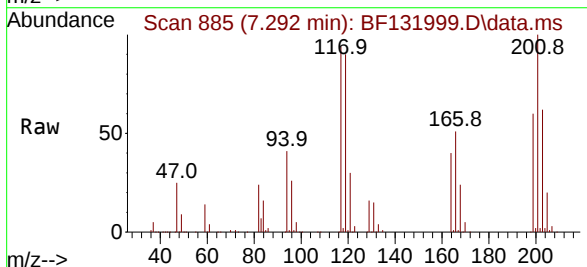
Ion	Ratio	Lower	Upper
107	100		
108	105.3	90.0	135.0
77	67.6	48.8	73.2
79	63.2	46.9	70.3

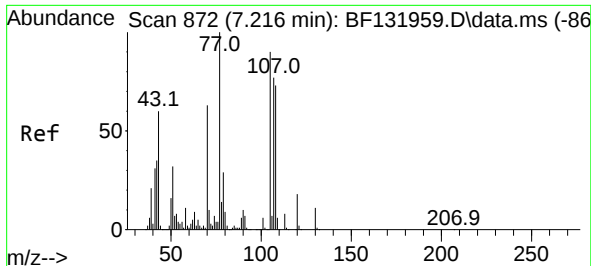


#18
Hexachloroethane
Concen: 43.964 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:117 Resp: 108448

Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.0
201	105.9	84.2	126.4

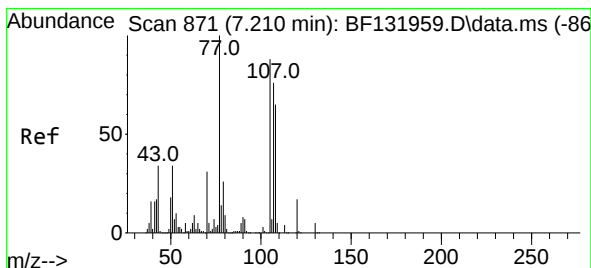
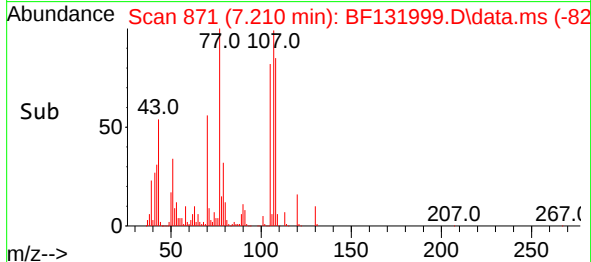
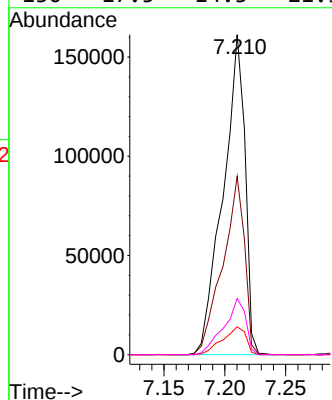
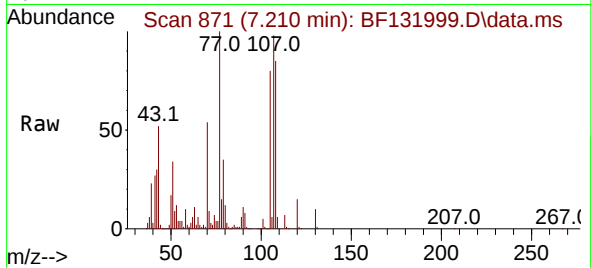




#19
n-Nitroso-di-n-propylamine
Concen: 39.918 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

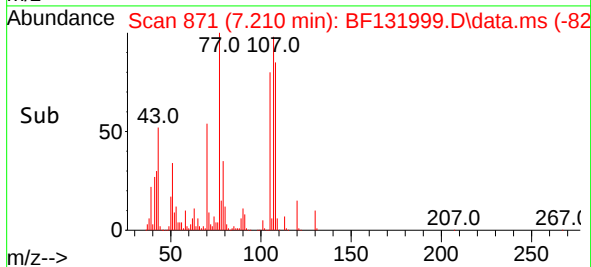
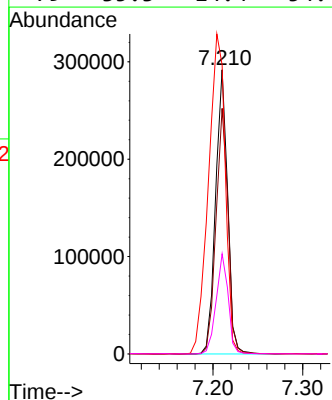
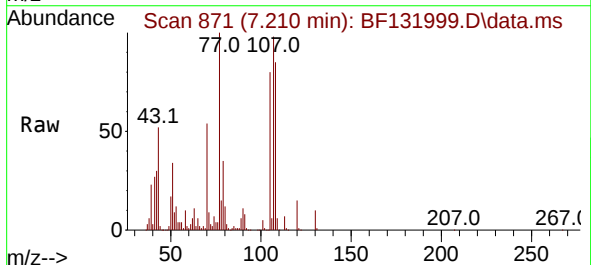
Instrument :
BNA_F
ClientSampleId :
PB150165BS

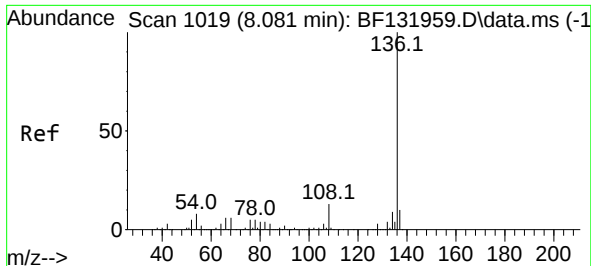
Tgt Ion: 70 Resp: 201968
Ion Ratio Lower Upper
70 100
42 55.8 44.3 66.5
101 8.7 7.5 11.3
130 17.5 14.3 21.5



#20
3+4-Methylphenols
Concen: 40.400 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:107 Resp: 271666
Ion Ratio Lower Upper
107 100
108 86.4 65.1 105.1
77 101.7 111.2 151.2#
79 35.3 14.4 54.4

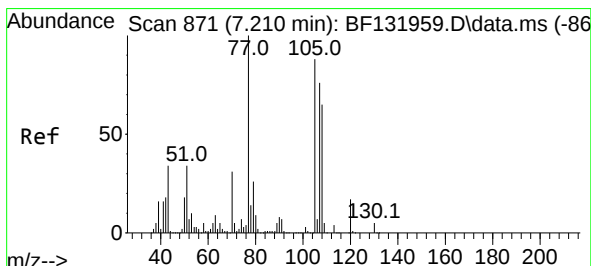
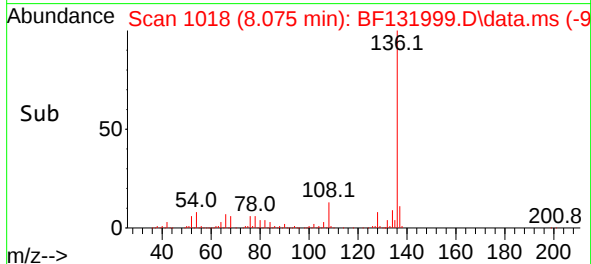
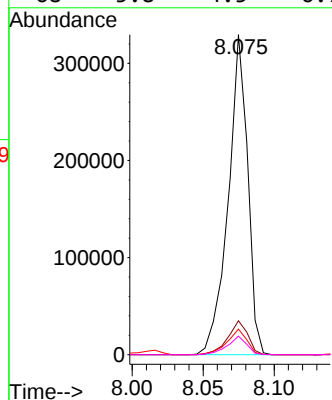
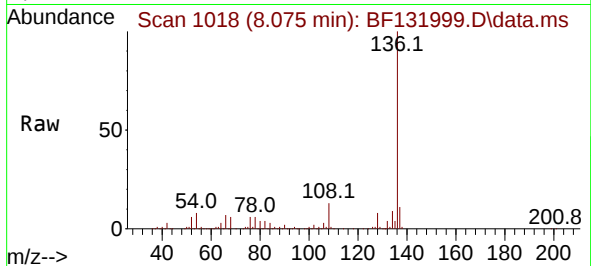




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

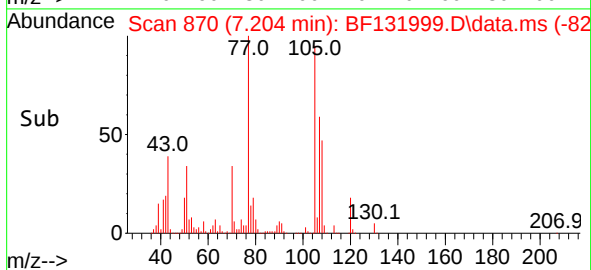
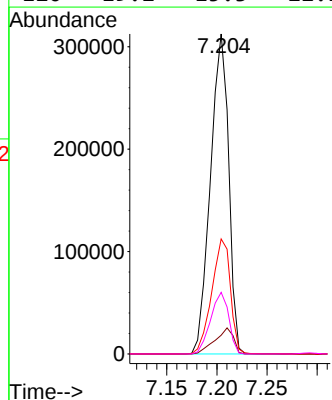
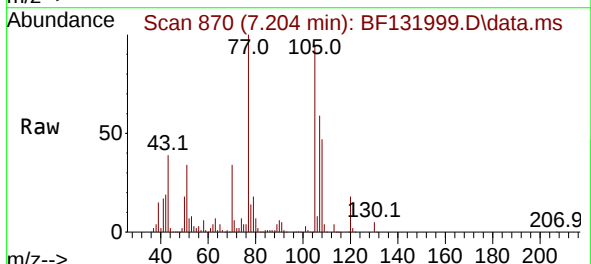
Instrument :
BNA_F
ClientSampleId :
PB150165BS

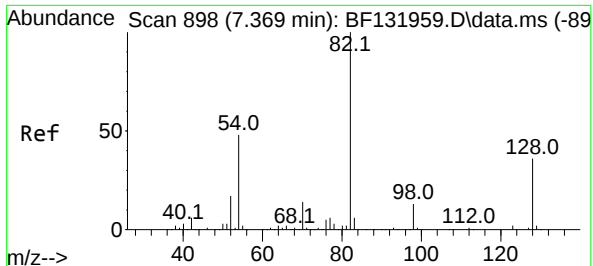
Tgt Ion:136 Resp: 314061
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 8.0 6.6 9.8
68 5.8 4.5 6.7



#22
Acetophenone
Concen: 43.175 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:105 Resp: 394795
Ion Ratio Lower Upper
105 100
71 5.9 4.6 7.0
51 35.9 30.6 46.0
120 19.2 15.3 22.9





#23

Nitrobenzene-d5

Concen: 85.272 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

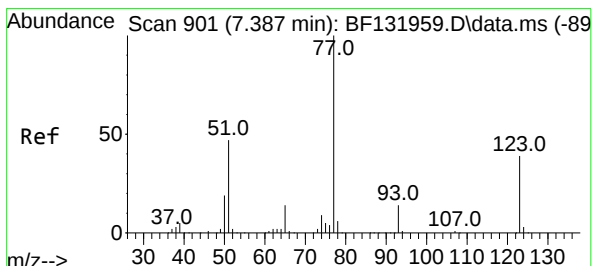
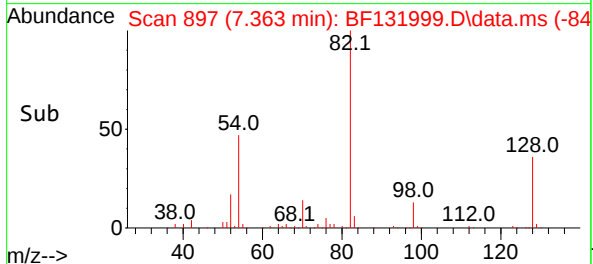
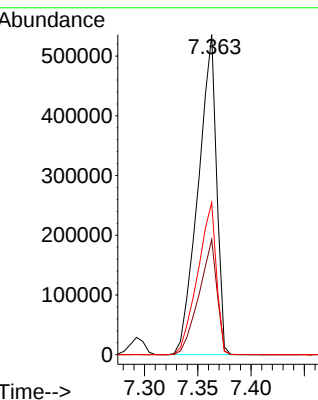
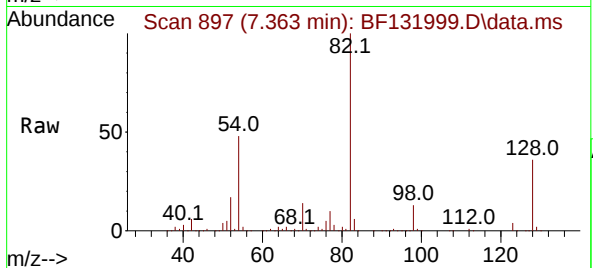
Tgt Ion: 82 Resp: 645262

Ion Ratio Lower Upper

82 100

128 35.9 28.7 43.1

54 47.5 38.1 57.1



#24

Nitrobenzene

Concen: 40.848 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

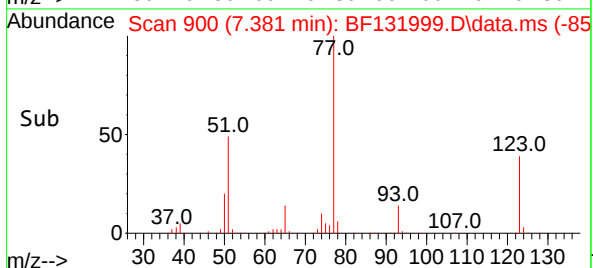
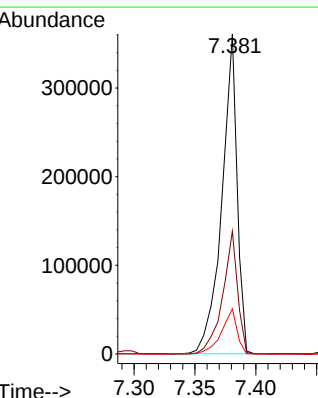
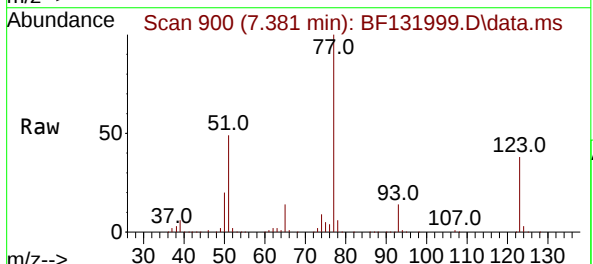
Tgt Ion: 77 Resp: 314680

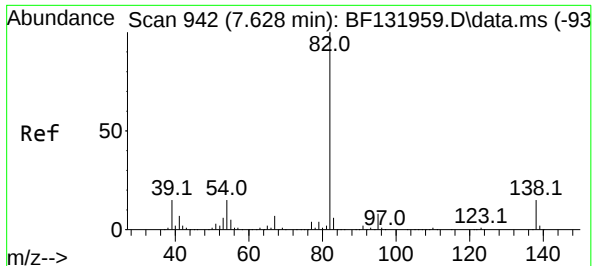
Ion Ratio Lower Upper

77 100

123 38.4 30.9 46.3

65 14.1 10.8 16.2

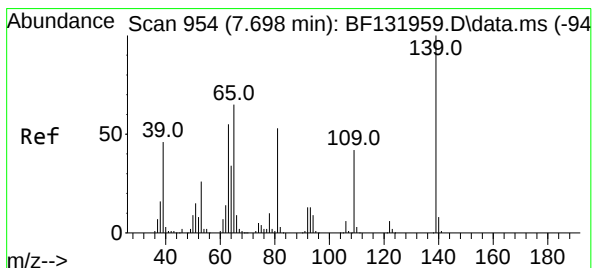
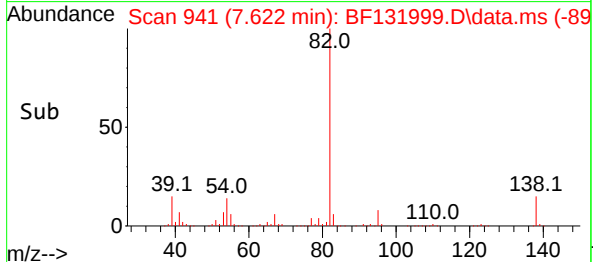
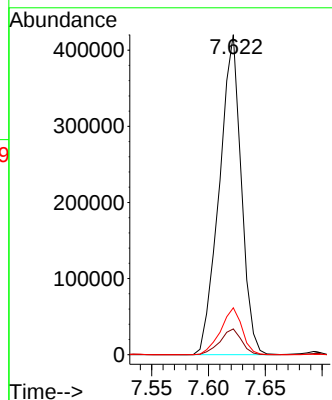
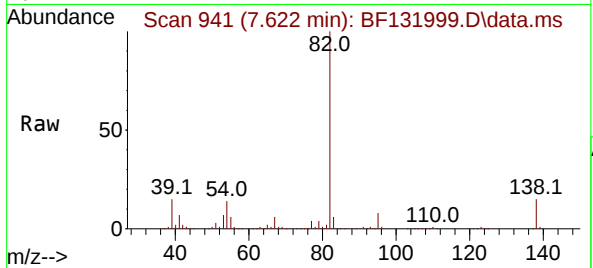




#25
Isophorone
Concen: 39.910 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

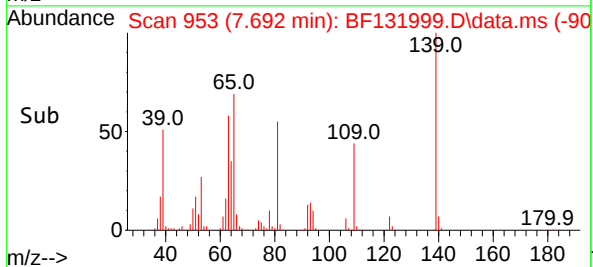
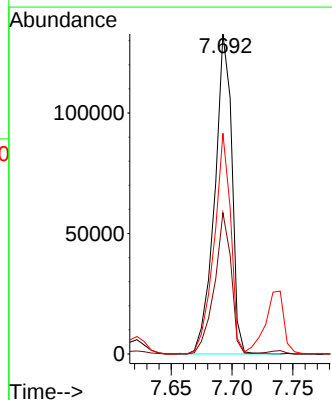
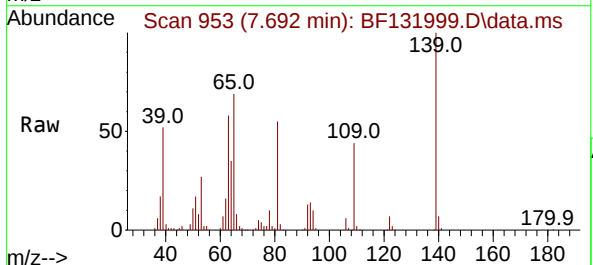
Instrument :
BNA_F
ClientSampleId :
PB150165BS

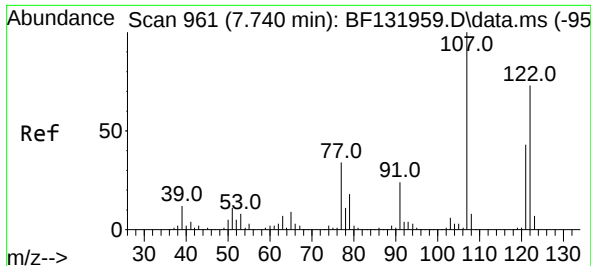
Tgt Ion: 82 Resp: 564184
Ion Ratio Lower Upper
82 100
95 8.1 6.5 9.7
138 14.6 11.9 17.9



#26
2-Nitrophenol
Concen: 42.890 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion: 139 Resp: 130007
Ion Ratio Lower Upper
139 100
109 44.1 33.9 50.9
65 68.9 51.6 77.4

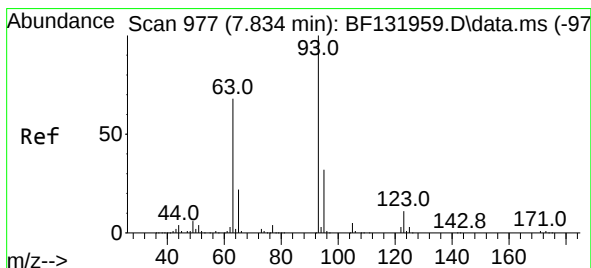
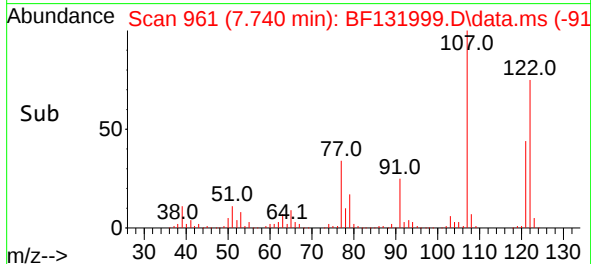
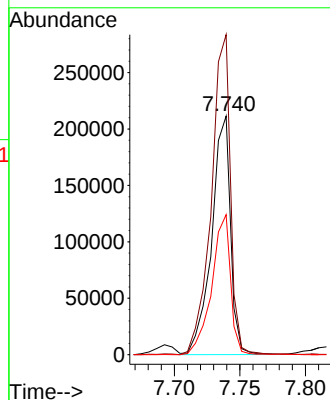
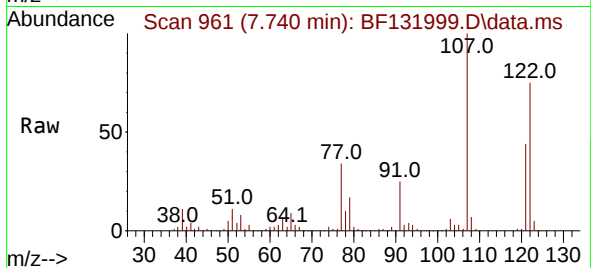




#27
2,4-Dimethylphenol
Concen: 41.798 ng
RT: 7.740 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

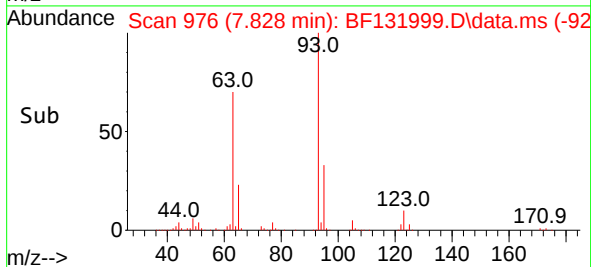
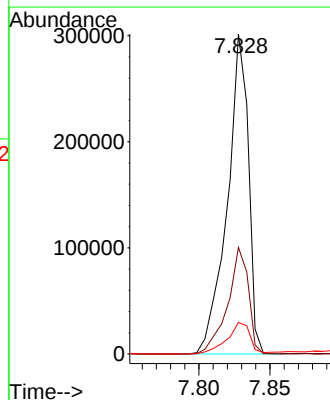
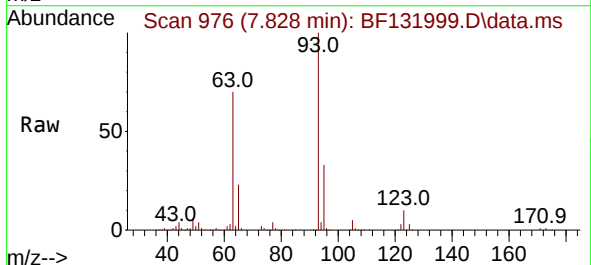
Instrument :
BNA_F
ClientSampleId :
PB150165BS

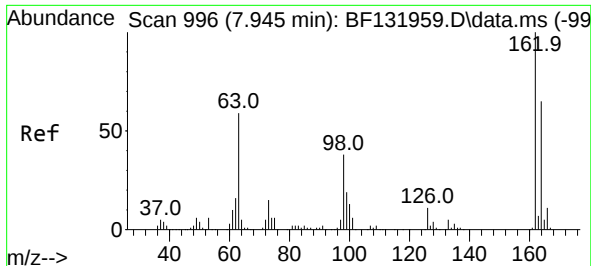
Tgt Ion:122 Resp: 211480
Ion Ratio Lower Upper
122 100
107 134.2 109.4 164.0
121 58.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.873 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion: 93 Resp: 311966
Ion Ratio Lower Upper
93 100
95 33.3 25.8 38.6
123 9.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 41.460 ng

RT: 7.939 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

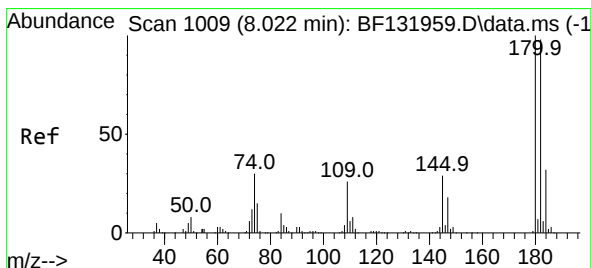
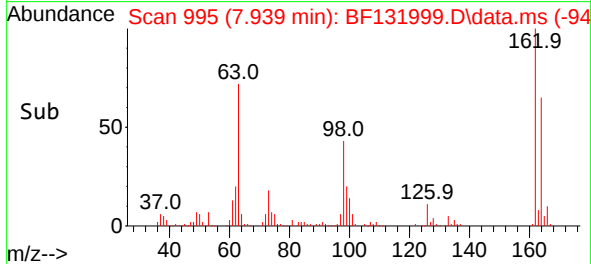
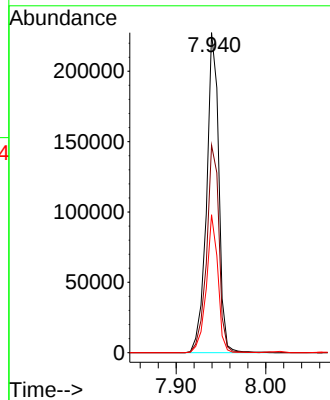
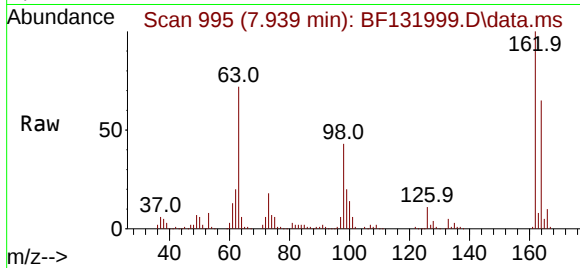
Tgt Ion:162 Resp: 214861

Ion Ratio Lower Upper

162 100

164 64.8 45.2 85.2

98 43.1 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 42.048 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

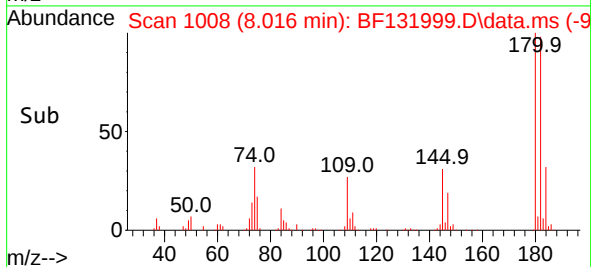
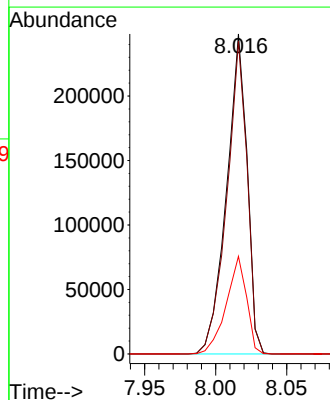
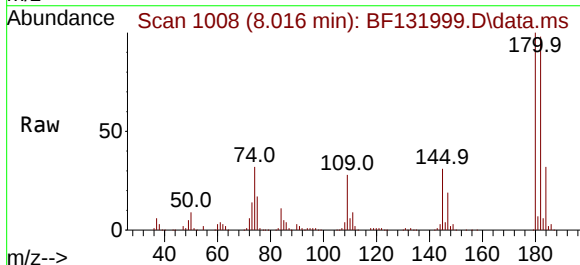
Tgt Ion:180 Resp: 249563

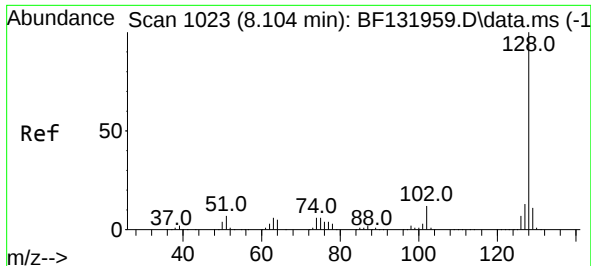
Ion Ratio Lower Upper

180 100

182 97.7 78.4 117.6

145 30.5 23.2 34.8

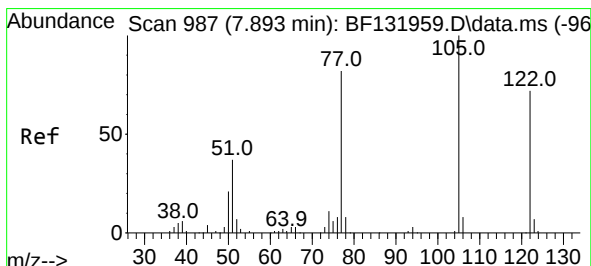
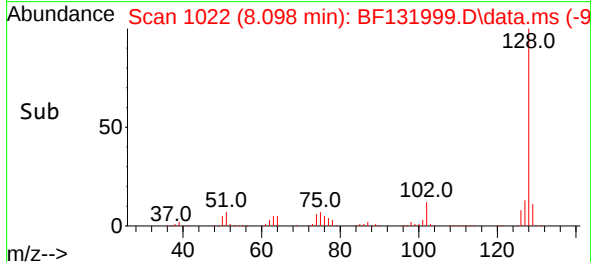
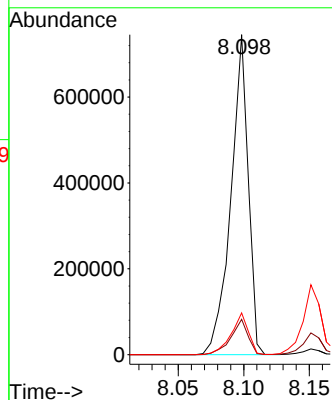
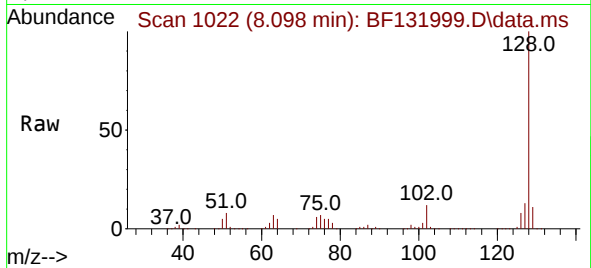




#31
Naphthalene
Concen: 41.366 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

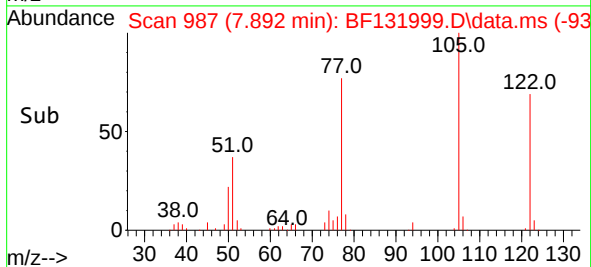
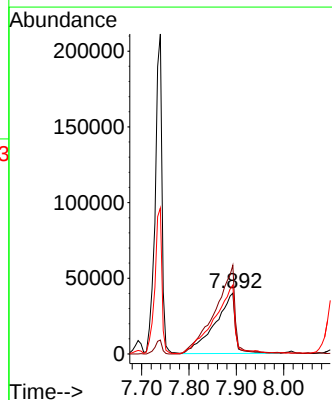
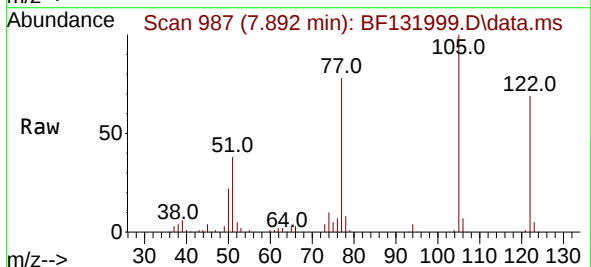
Instrument :
BNA_F
ClientSampleId :
PB150165BS

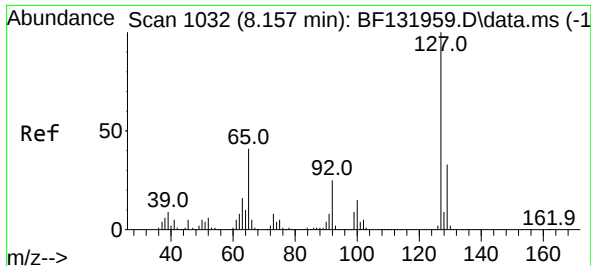
Tgt Ion:128 Resp: 686563
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 40.969 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.001 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:122 Resp: 120173
Ion Ratio Lower Upper
122 100
105 145.9 116.3 156.3
77 113.5 92.7 132.7

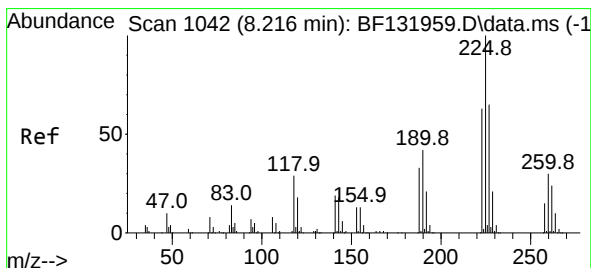
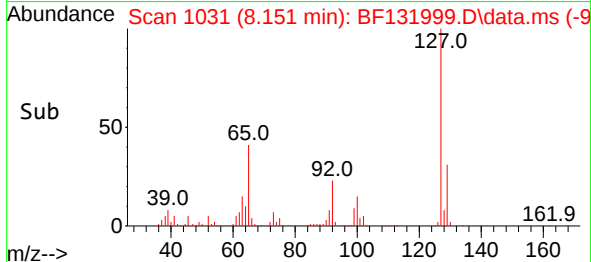
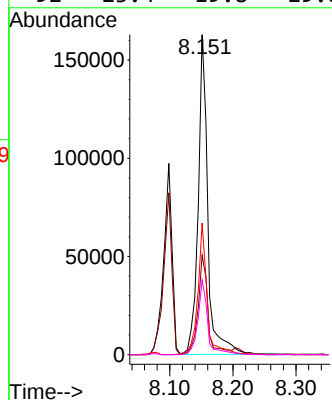
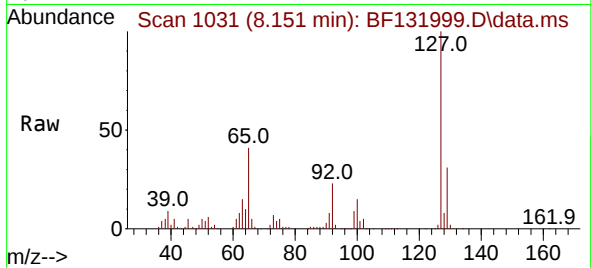




#33
4-Chloroaniline
Concen: 25.183 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

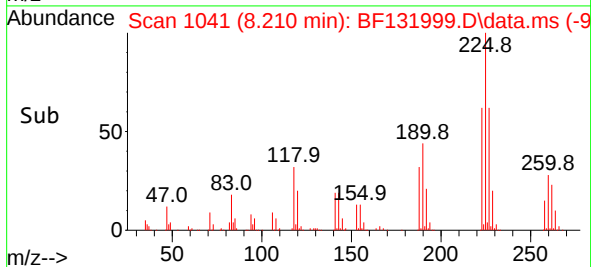
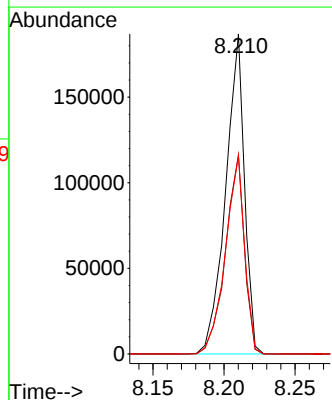
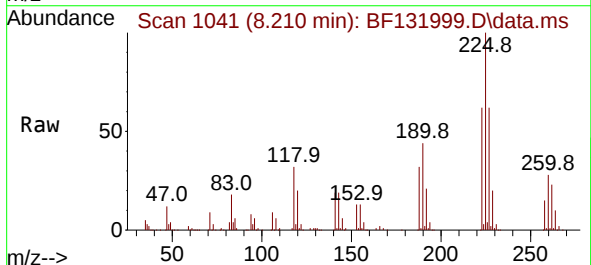
Instrument :
BNA_F
ClientSampleId :
PB150165BS

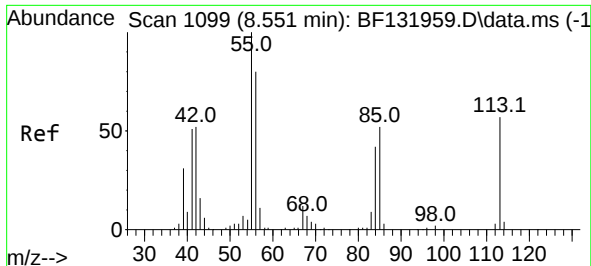
Tgt Ion:127	Resp: 172481
Ion Ratio	Lower Upper
127 100	
129 31.1	26.5 39.7
65 41.2	33.1 49.7
92 23.4	19.8 29.8



#34
Hexachlorobutadiene
Concen: 41.960 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt	Ion:225	Resp:	172666
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	75.8
227	61.9	51.6	77.4

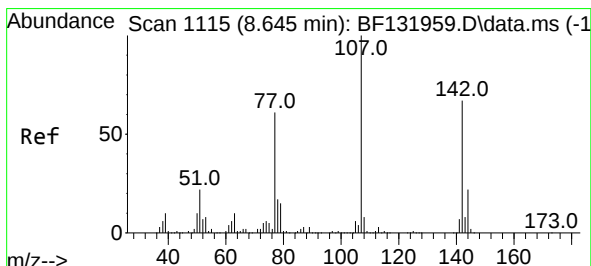
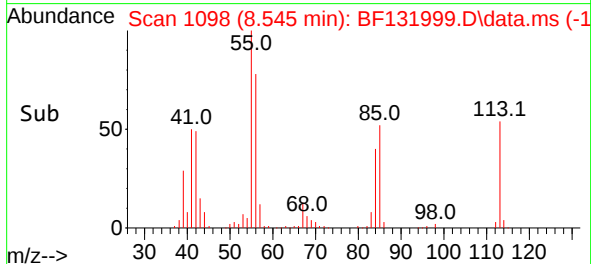
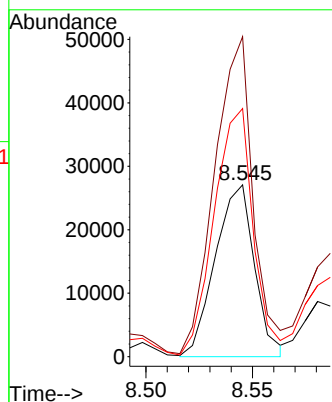
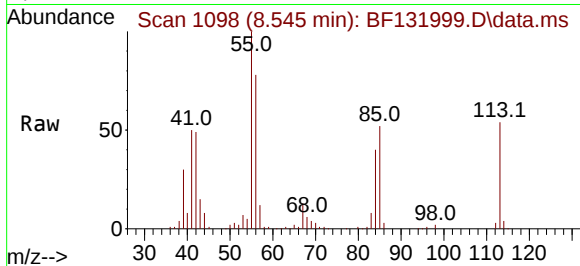




#35
 Caprolactam
 Concen: 22.842 ng
 RT: 8.545 min Scan# 1099
 Delta R.T. -0.006 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45

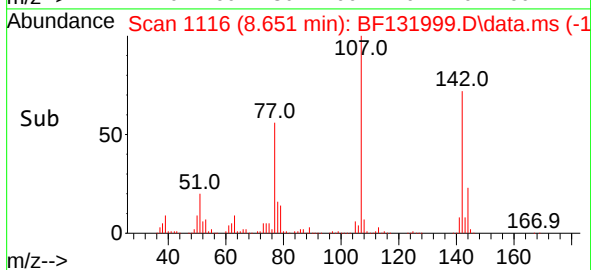
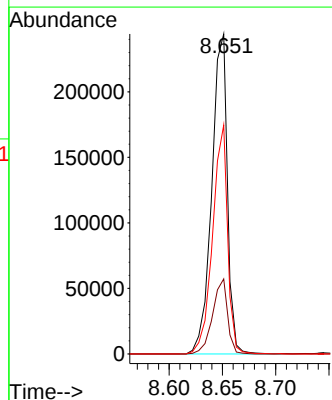
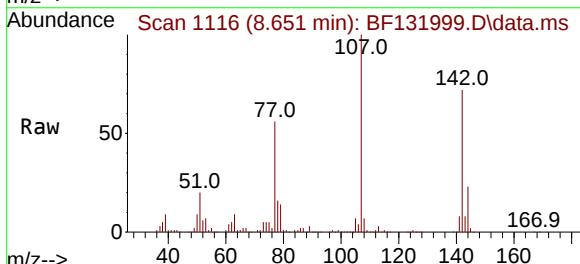
Instrument :
 BNA_F
 ClientSampleId :
 PB150165BS

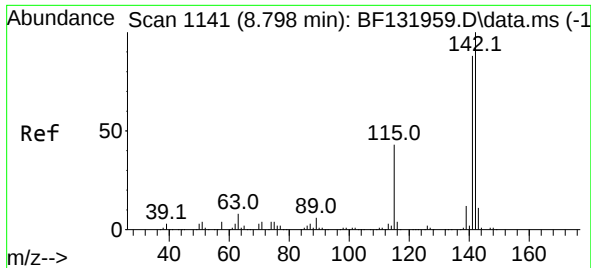
Tgt Ion:113 Resp: 34767
 Ion Ratio Lower Upper
 113 100
 55 186.2 154.4 194.4
 56 144.5 119.6 159.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.112 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45

Tgt Ion:107 Resp: 250063
 Ion Ratio Lower Upper
 107 100
 144 23.5 17.4 26.2
 142 71.5 53.7 80.5

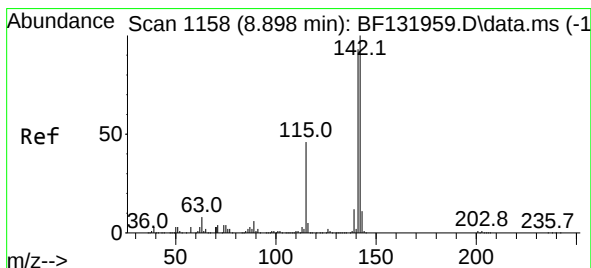
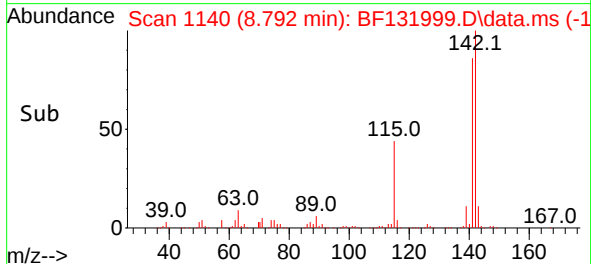
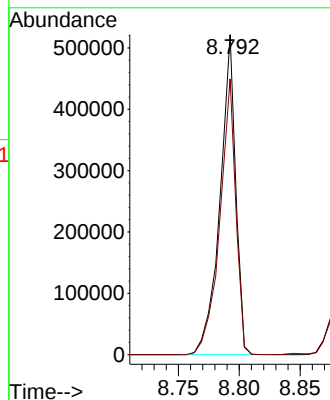
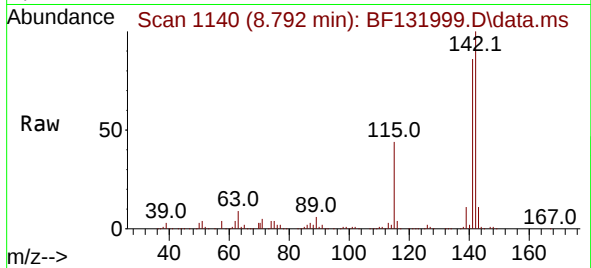




#37
2-Methylnaphthalene
Concen: 39.238 ng
RT: 8.792 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

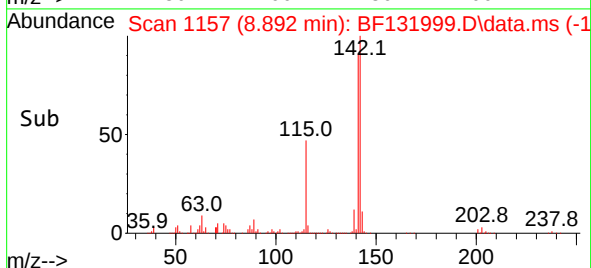
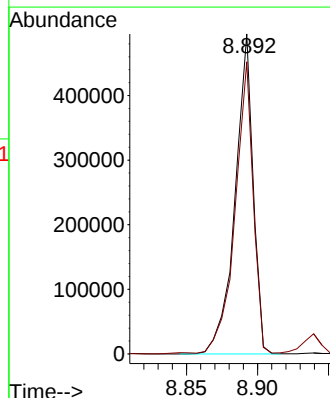
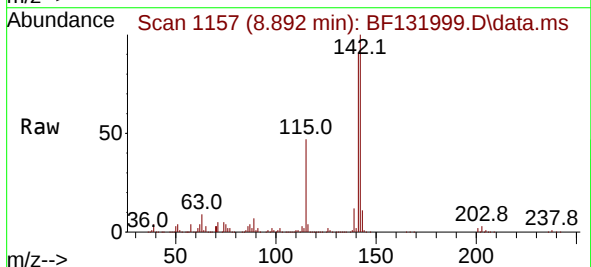
Instrument :
BNA_F
ClientSampleId :
PB150165BS

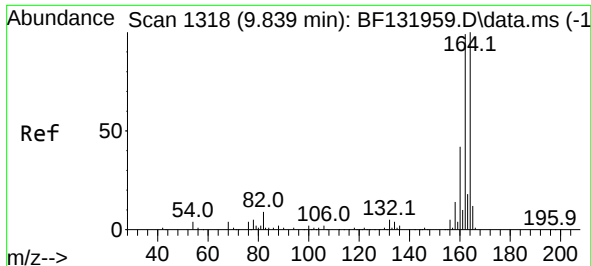
Tgt Ion:142 Resp: 467727
Ion Ratio Lower Upper
142 100
141 86.2 70.6 106.0



#38
1-Methylnaphthalene
Concen: 39.651 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:142 Resp: 437903
Ion Ratio Lower Upper
142 100
141 91.3 74.3 111.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

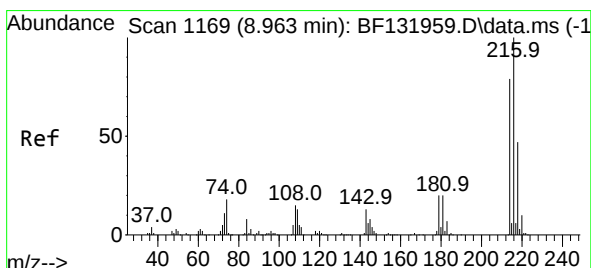
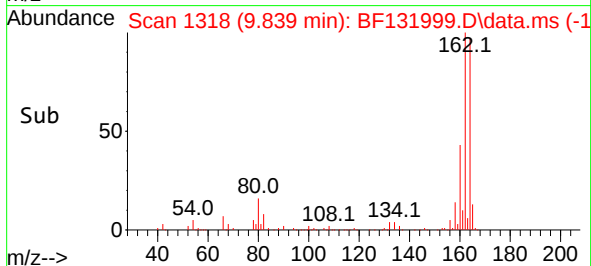
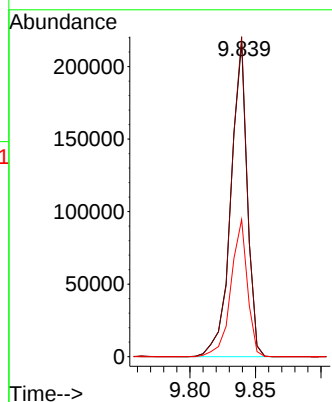
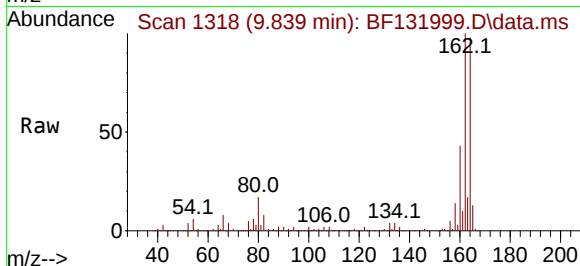
Tgt Ion:164 Resp: 188798

Ion Ratio Lower Upper

164 100

162 101.9 79.4 119.0

160 43.7 33.9 50.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.845 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Tgt Ion:216 Resp: 265083

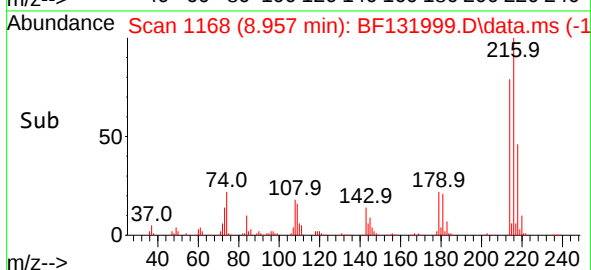
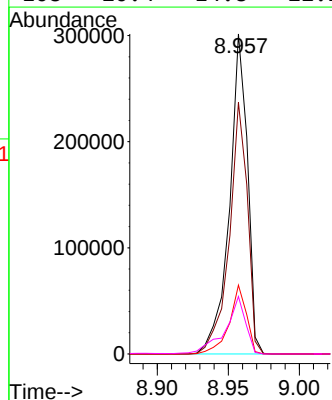
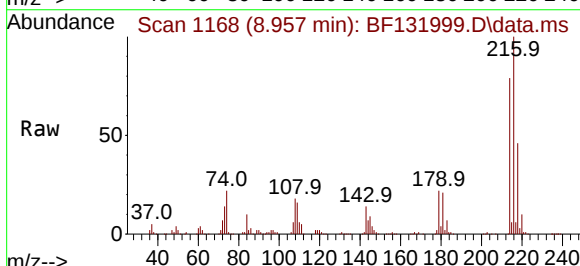
Ion Ratio Lower Upper

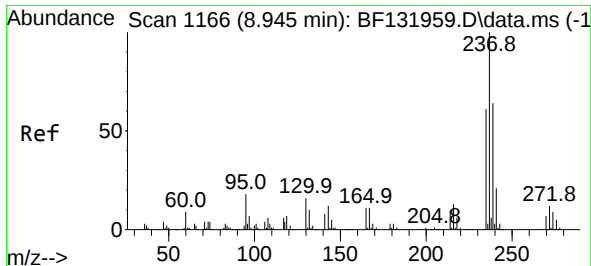
216 100

214 79.0 63.9 95.9

179 20.6 16.4 24.6

108 20.4 14.8 22.2

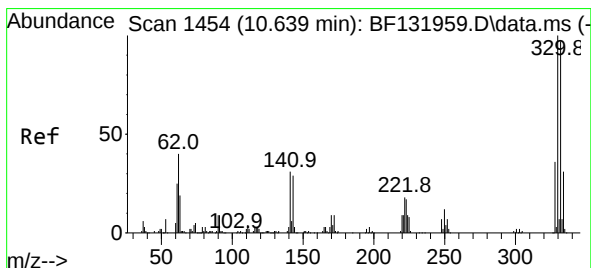
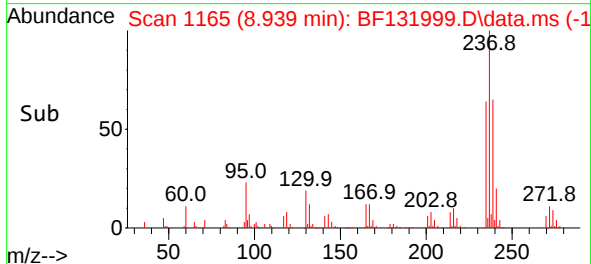
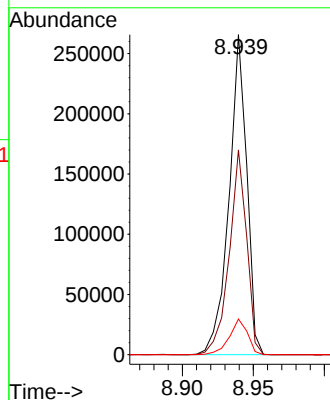
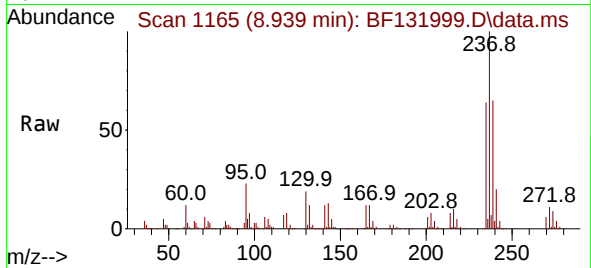




#41
Hexachlorocyclopentadiene
Concen: 70.953 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

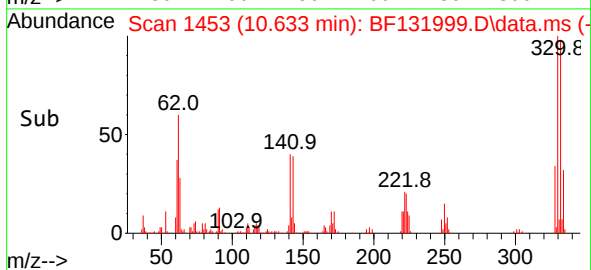
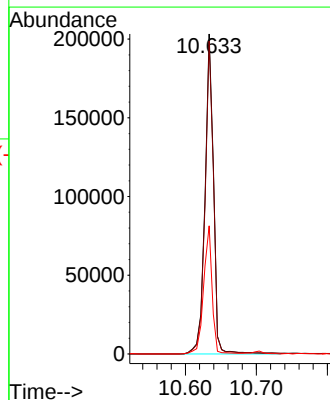
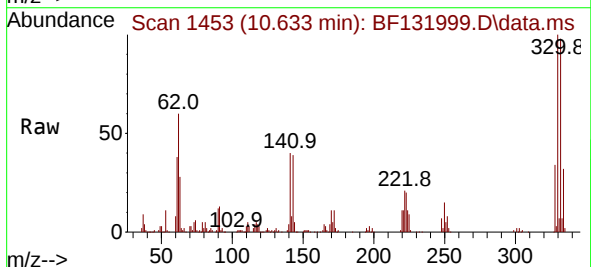
Instrument :
BNA_F
ClientSampleId :
PB150165BS

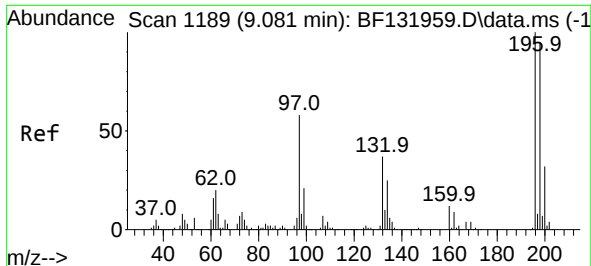
Tgt Ion:237 Resp: 231128
Ion Ratio Lower Upper
237 100
235 64.0 41.2 81.2
272 11.2 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 78.590 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:330 Resp: 170601
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 39.7 31.3 46.9





#43

2,4,6-Trichlorophenol

Concen: 41.122 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

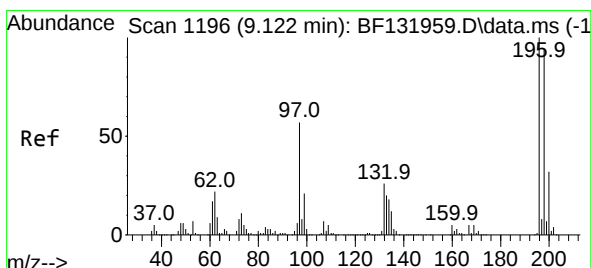
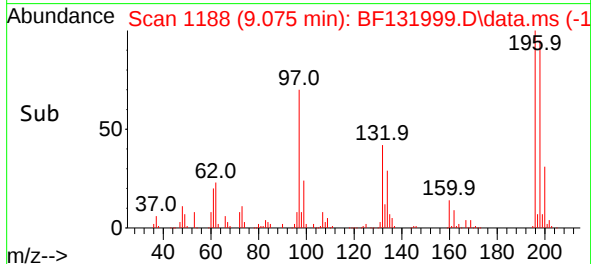
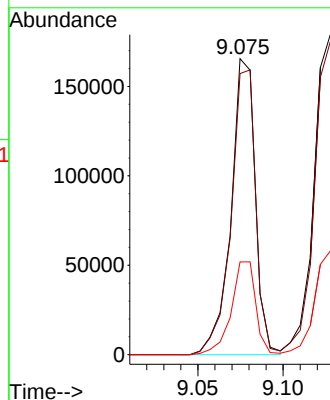
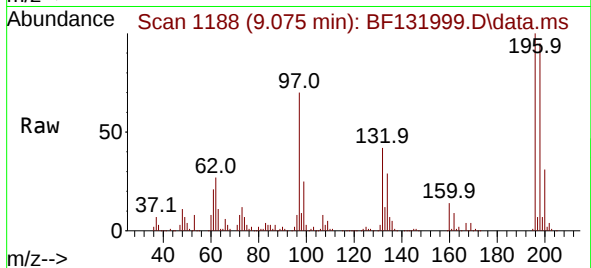
Tgt Ion:196 Resp: 164673

Ion Ratio Lower Upper

196 100

198 94.9 76.3 114.5

200 31.3 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 37.397 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Tgt Ion:196 Resp: 174343

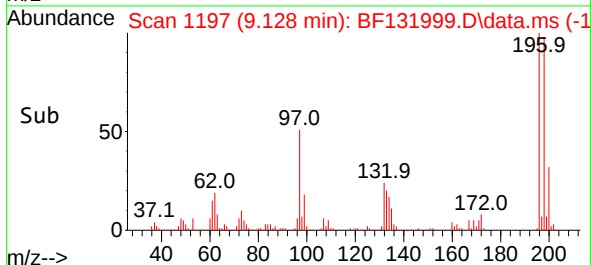
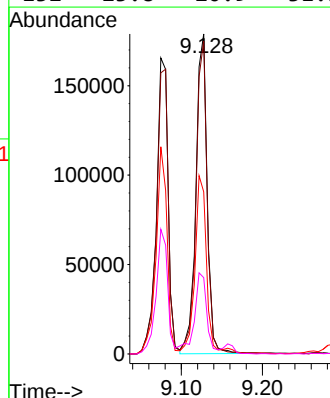
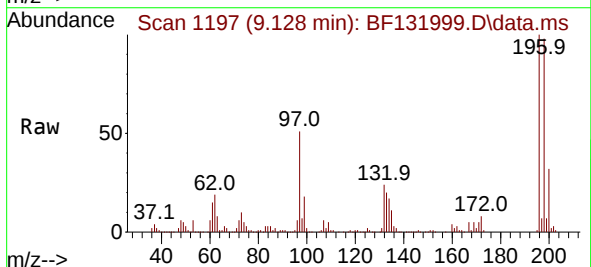
Ion Ratio Lower Upper

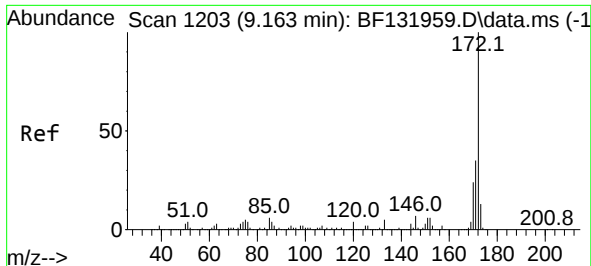
196 100

198 97.8 75.3 112.9

97 50.7 45.6 68.4

132 23.8 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 80.720 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

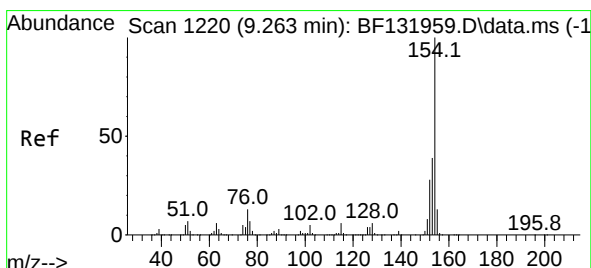
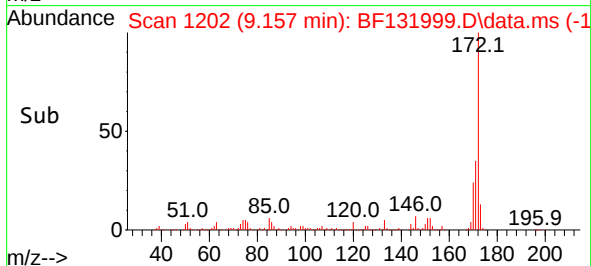
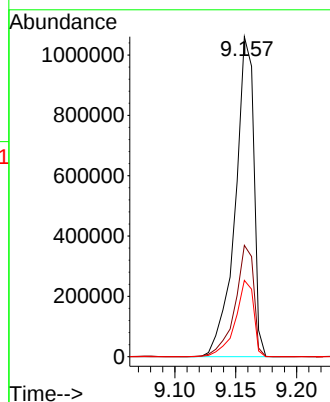
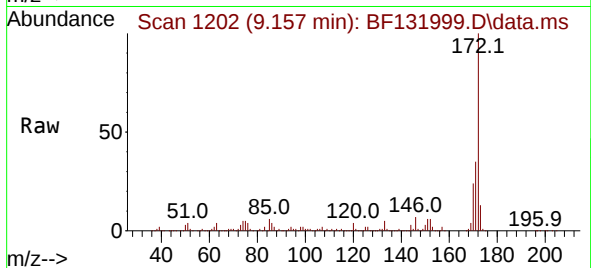
Tgt Ion:172 Resp: 1128906

Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.463 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

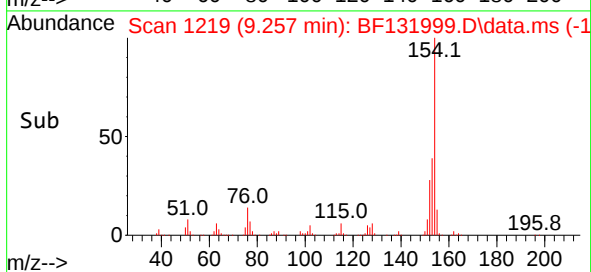
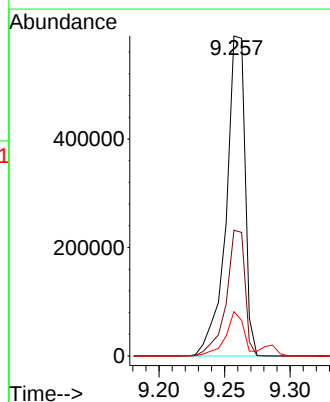
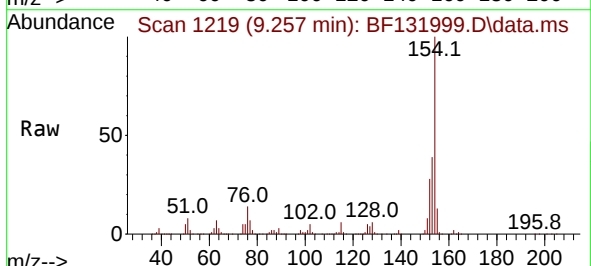
Tgt Ion:154 Resp: 589626

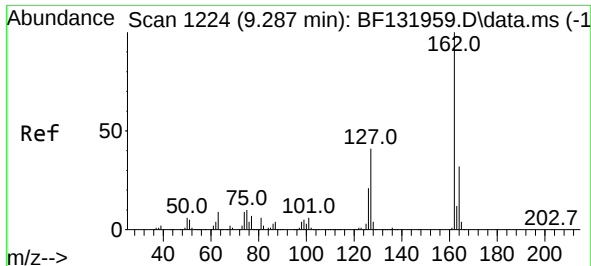
Ion Ratio Lower Upper

154 100

153 39.3 18.9 58.9

76 13.8 0.0 33.2





#47

2-Chloronaphthalene

Concen: 41.626 ng

RT: 9.286 min Scan# 11

Delta R.T. -0.001 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

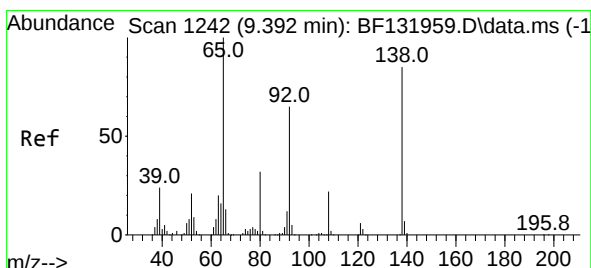
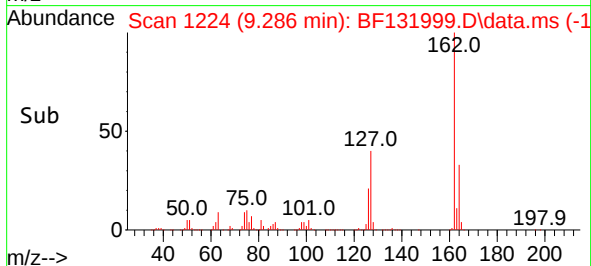
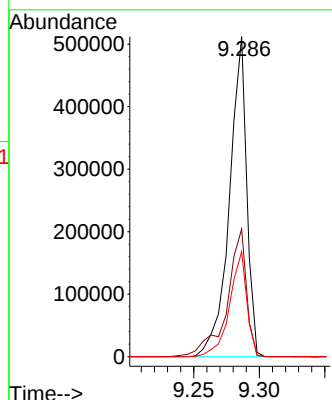
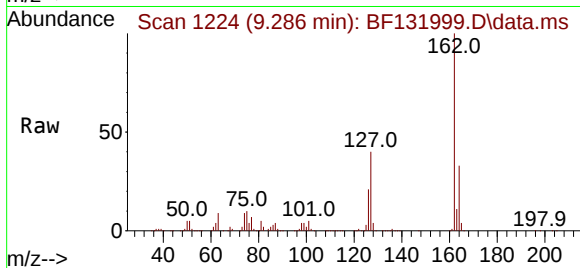
Tgt Ion:162 Resp: 470795

Ion Ratio Lower Upper

162 100

127 39.8 33.0 49.4

164 32.8 25.8 38.8



#48

2-Nitroaniline

Concen: 40.884 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

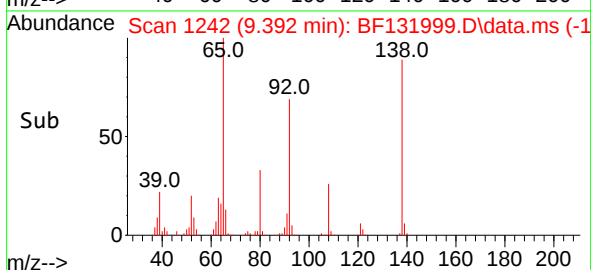
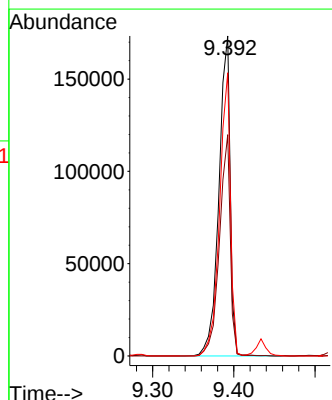
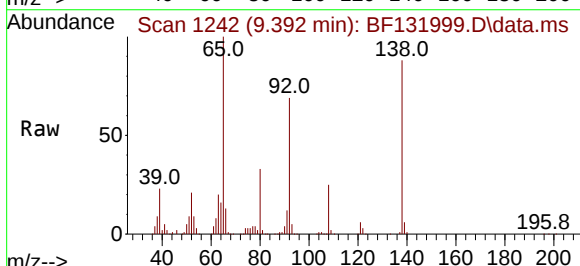
Tgt Ion: 65 Resp: 167949

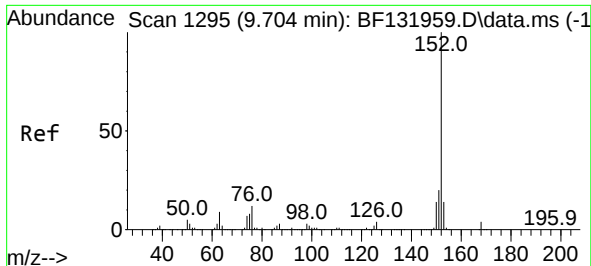
Ion Ratio Lower Upper

65 100

92 69.1 52.2 78.2

138 88.5 67.8 101.8





#49

Acenaphthylene

Concen: 39.682 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

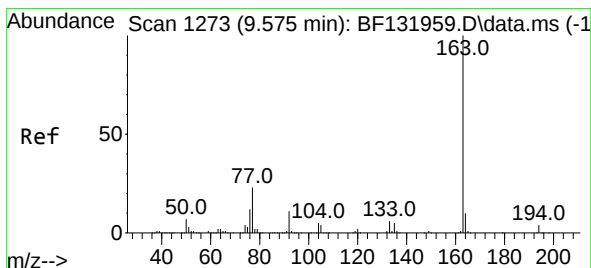
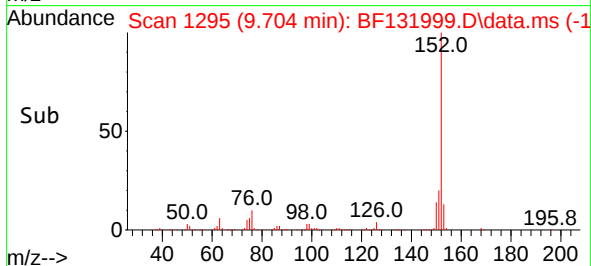
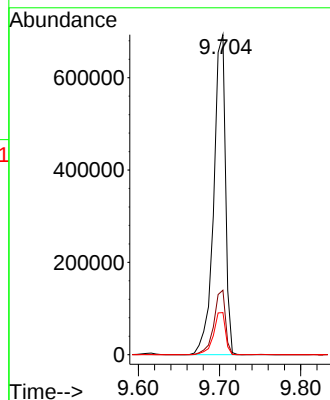
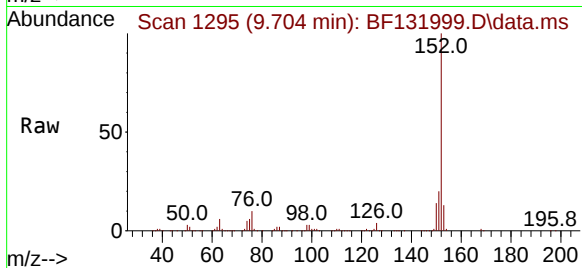
Tgt Ion:152 Resp: 696461

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 38.053 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

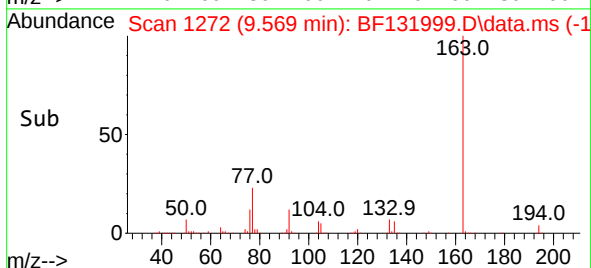
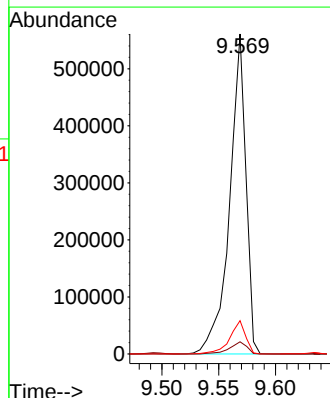
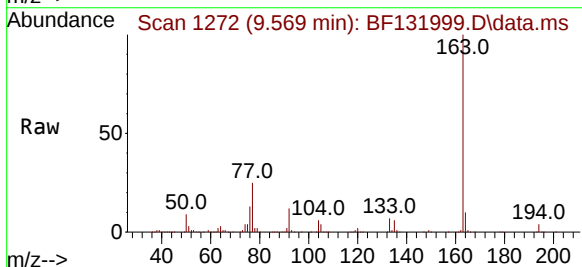
Tgt Ion:163 Resp: 560006

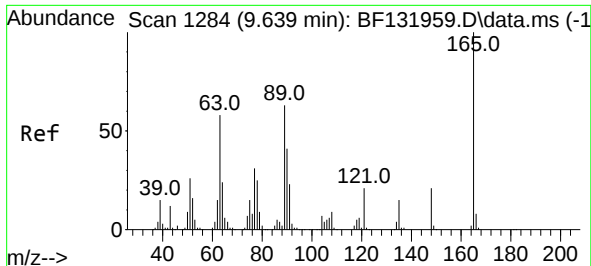
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.4 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 39.729 ng

RT: 9.634 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

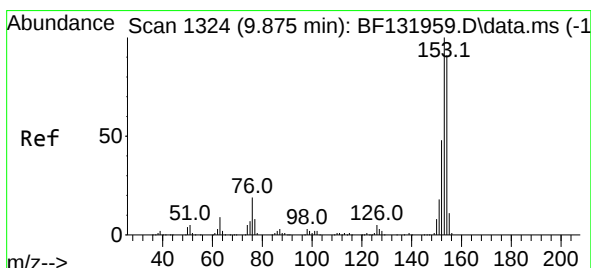
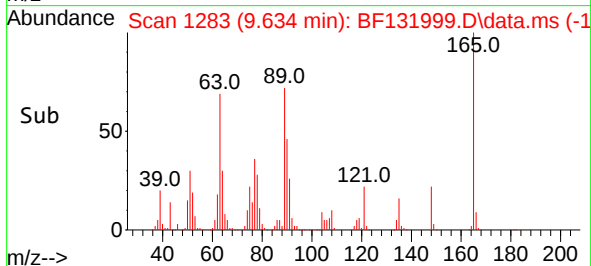
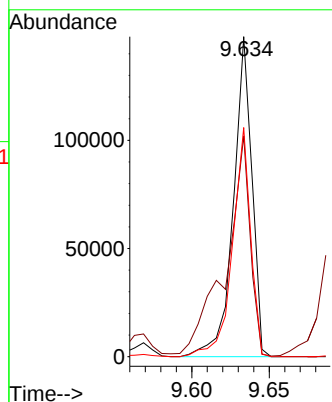
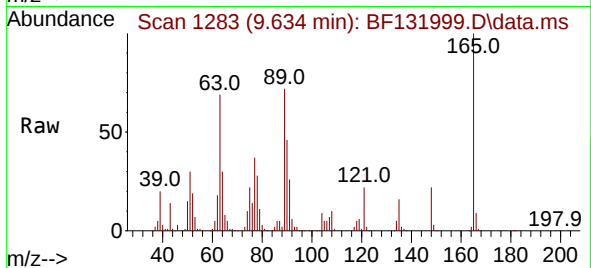
Tgt Ion:165 Resp: 122971

Ion Ratio Lower Upper

165 100

63 69.0 47.4 71.0

89 71.6 50.2 75.2



#52

Acenaphthene

Concen: 39.573 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

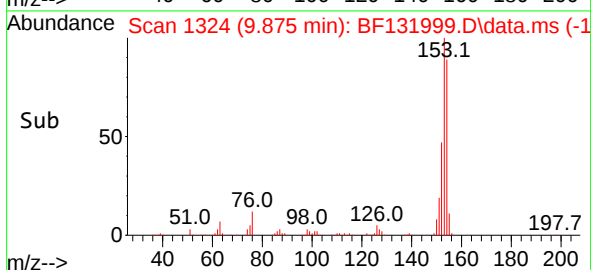
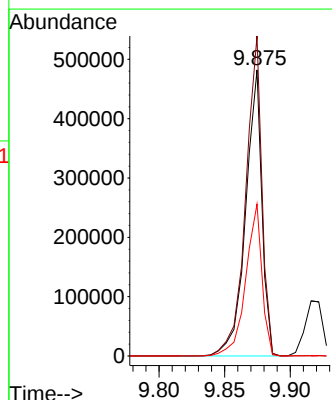
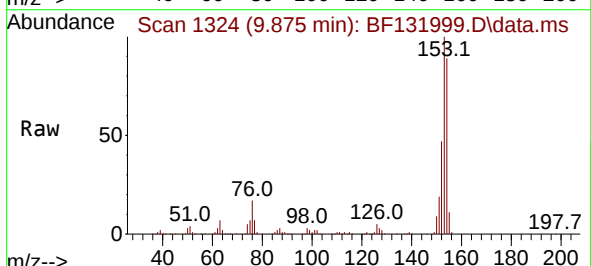
Tgt Ion:154 Resp: 416914

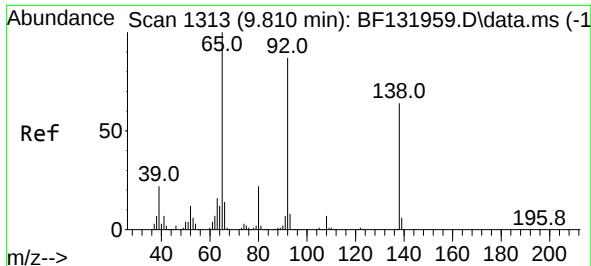
Ion Ratio Lower Upper

154 100

153 111.9 87.7 131.5

152 53.1 42.2 63.2

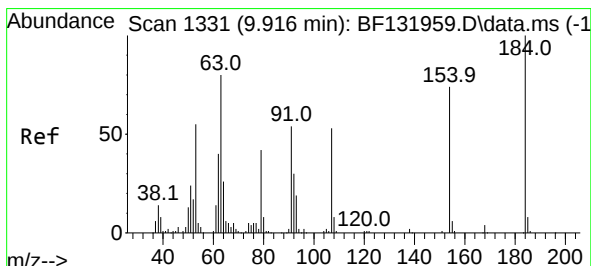
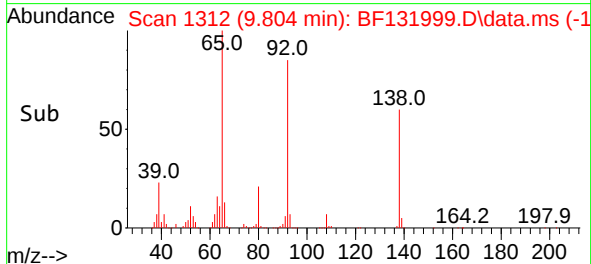
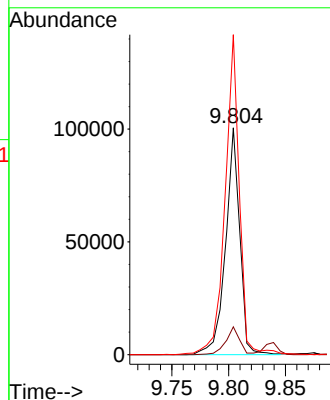
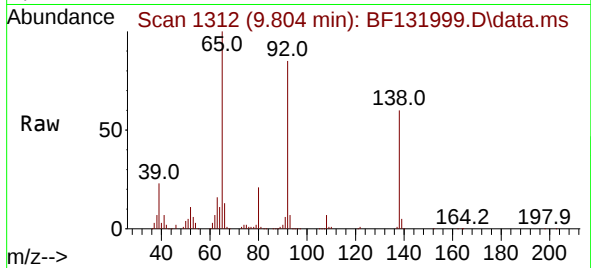




#53
3-Nitroaniline
Concen: 29.158 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

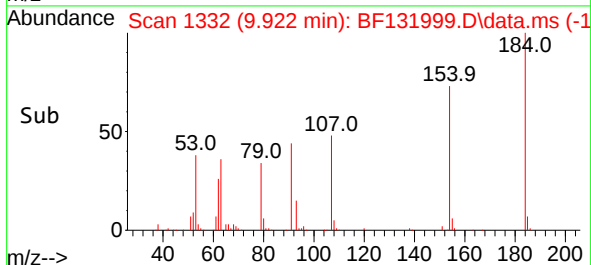
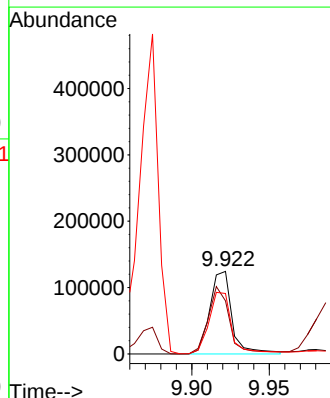
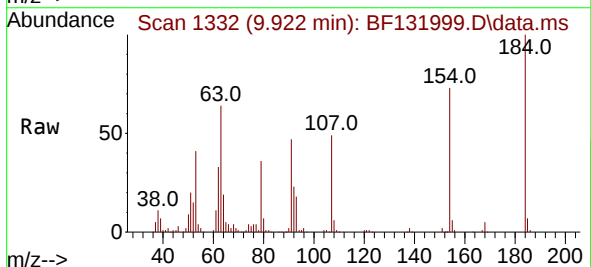
Instrument :
BNA_F
ClientSampleId :
PB150165BS

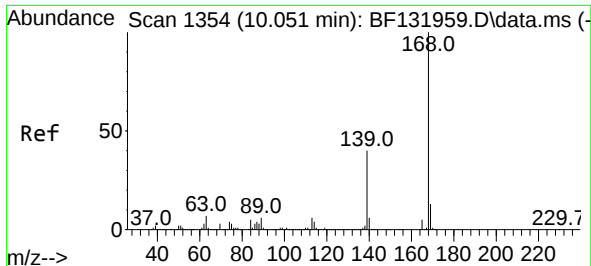
Tgt Ion:138 Resp: 87559
Ion Ratio Lower Upper
138 100
108 12.3 8.8 13.2
92 141.0 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 80.011 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:184 Resp: 124345
Ion Ratio Lower Upper
184 100
63 64.4 63.7 95.5
154 73.2 60.1 90.1

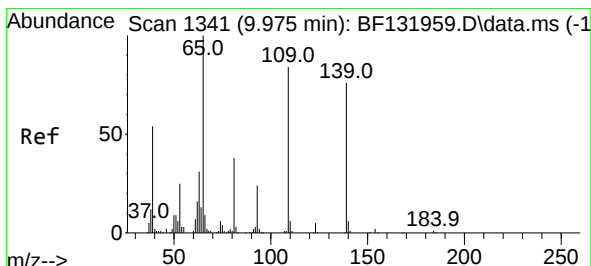
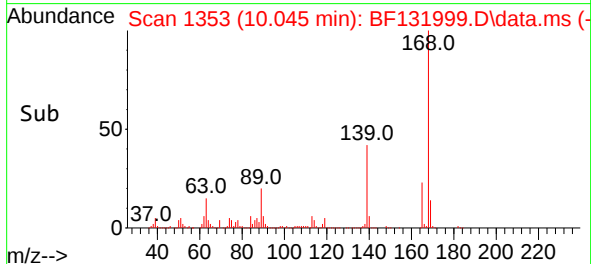
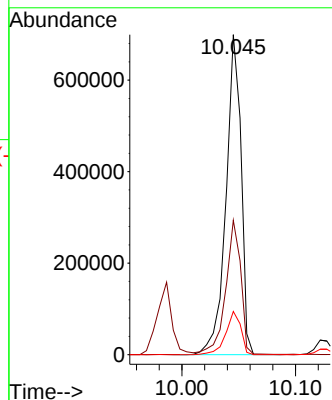
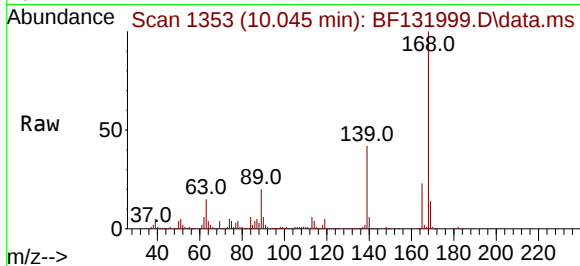




#55
Dibenzenofuran
Concen: 38.830 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

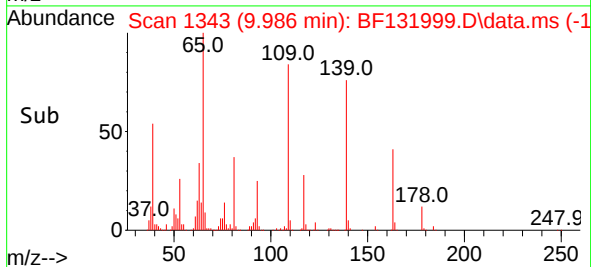
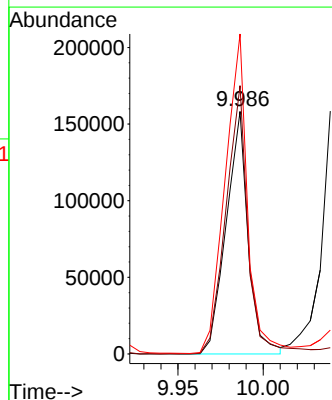
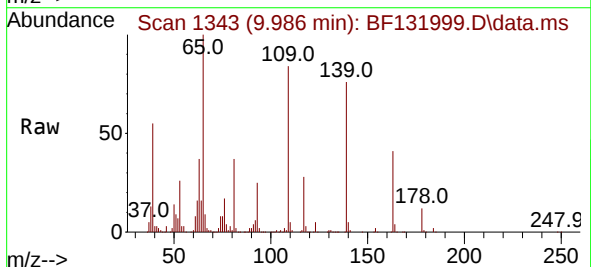
Instrument :
BNA_F
ClientSampleId :
PB150165BS

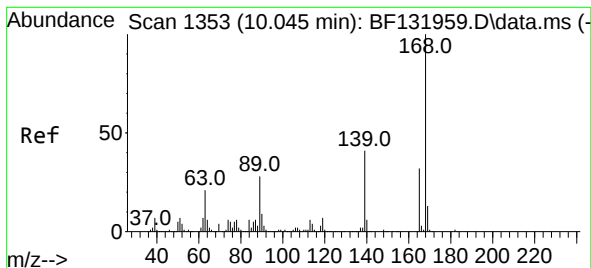
Tgt Ion:168 Resp: 644829
Ion Ratio Lower Upper
168 100
139 42.0 32.4 48.6
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 83.890 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:139 Resp: 141896
Ion Ratio Lower Upper
139 100
109 110.6 90.5 130.5
65 131.9 112.6 152.6

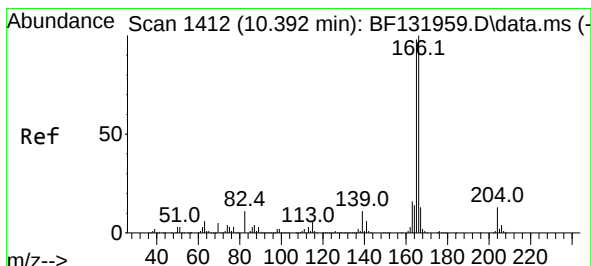
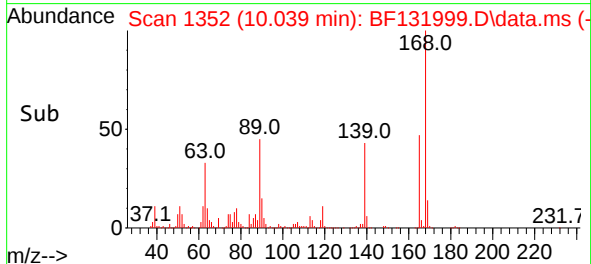
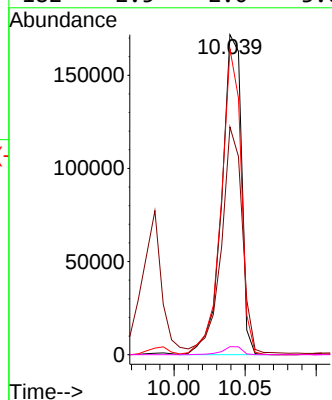
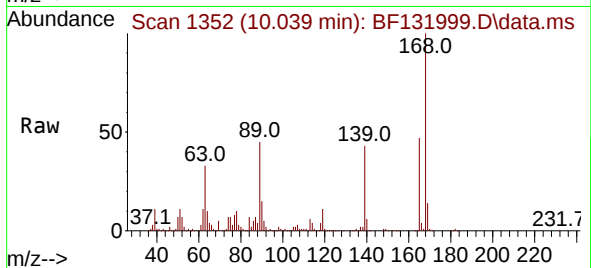




#57
2,4-Dinitrotoluene
Concen: 40.049 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

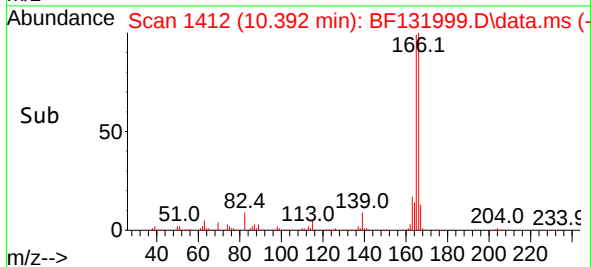
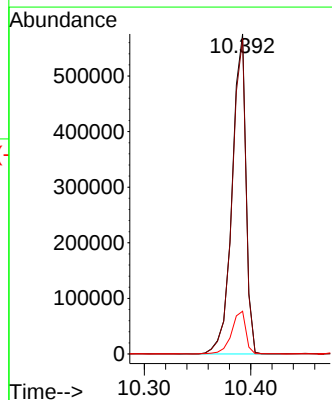
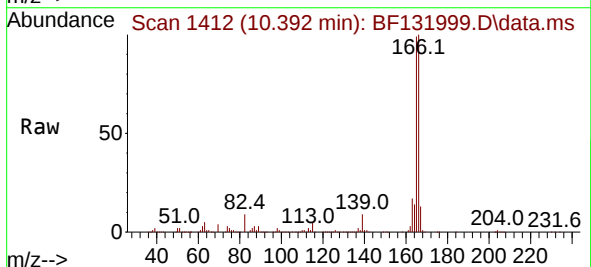
Instrument :
BNA_F
ClientSampleId :
PB150165BS

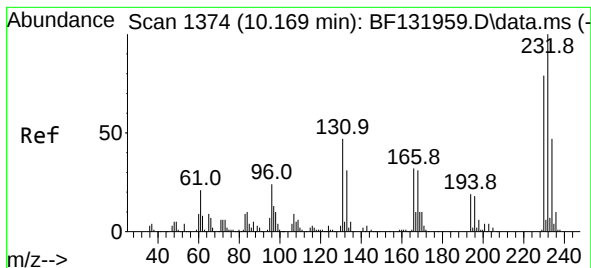
Tgt Ion:165 Resp: 165732
Ion Ratio Lower Upper
165 100
63 71.1 53.2 79.8
89 95.5 71.2 106.8
182 2.5 2.0 3.0



#58
Fluorene
Concen: 39.013 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:166 Resp: 517547
Ion Ratio Lower Upper
166 100
165 98.6 78.3 117.5
167 13.3 10.7 16.1

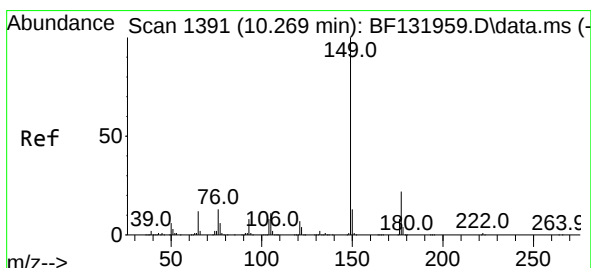
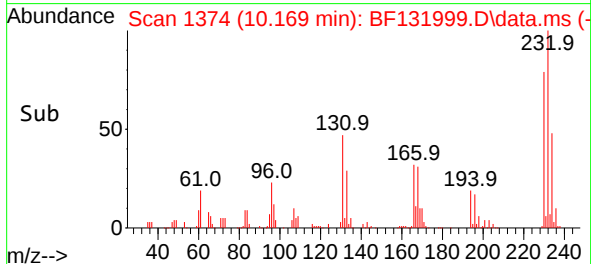
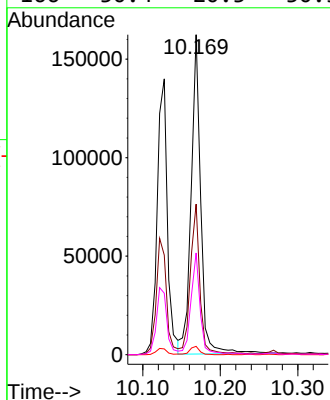
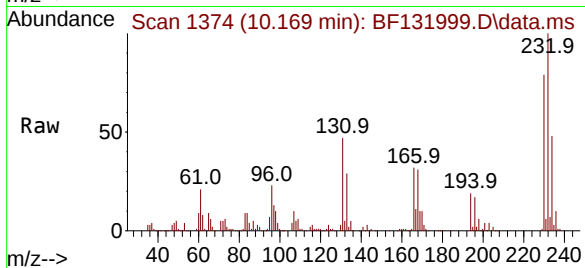




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.179 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

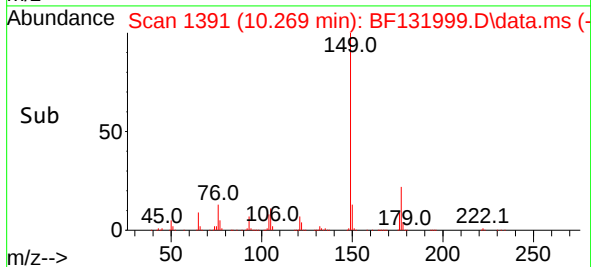
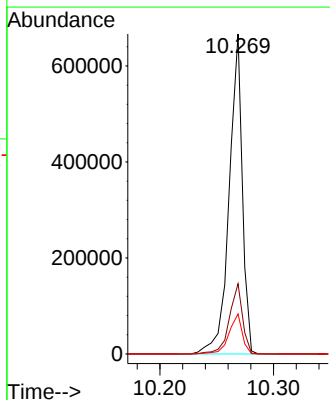
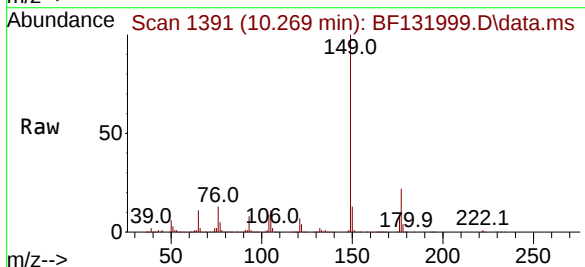
Instrument :
BNA_F
ClientSampleId :
PB150165BS

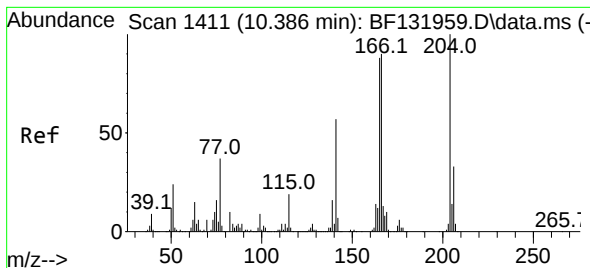
Tgt Ion:232 Resp: 139571
Ion Ratio Lower Upper
232 100
131 46.3 33.0 49.4
130 2.6 1.8 2.8
166 30.4 20.3 30.5



#60
Diethylphthalate
Concen: 37.068 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:149 Resp: 536415
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.5 10.2 15.2

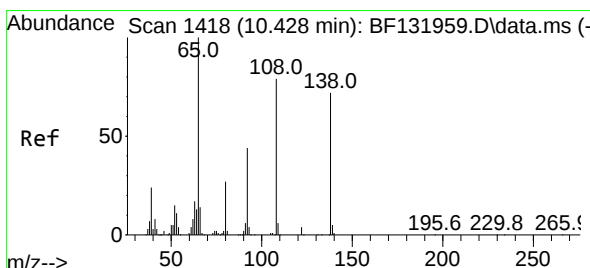
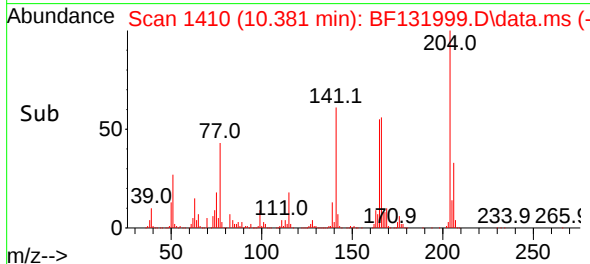
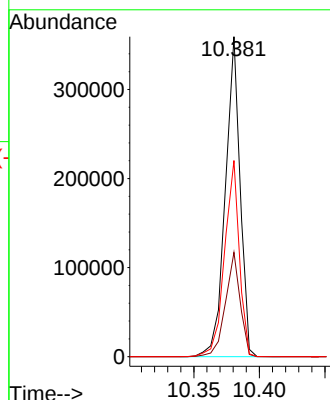
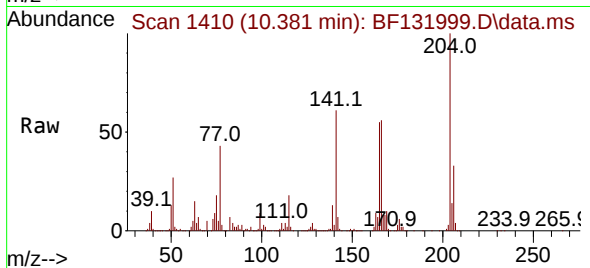




#61
4-Chlorophenyl-phenylether
Concen: 36.955 ng
RT: 10.381 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

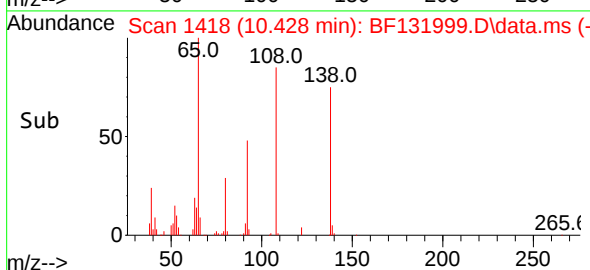
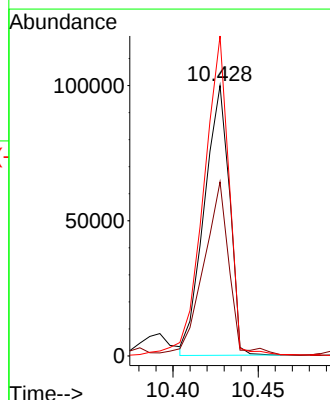
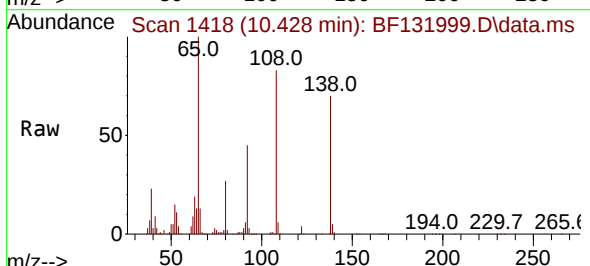
Instrument :
BNA_F
ClientSampleId :
PB150165BS

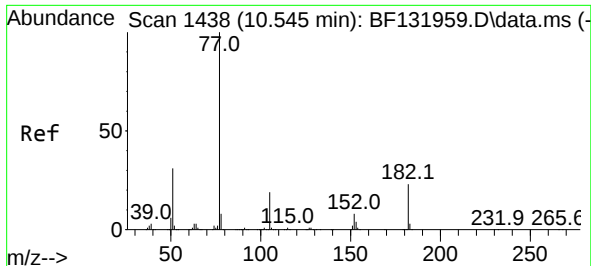
Tgt Ion:204 Resp: 280647
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 61.3 45.6 68.4



#62
4-Nitroaniline
Concen: 38.006 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:138 Resp: 102623
Ion Ratio Lower Upper
138 100
92 64.4 41.3 81.3
108 118.4 89.8 129.8

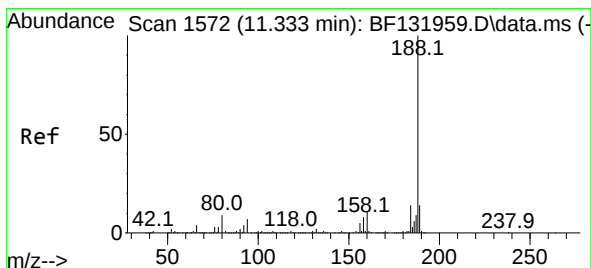
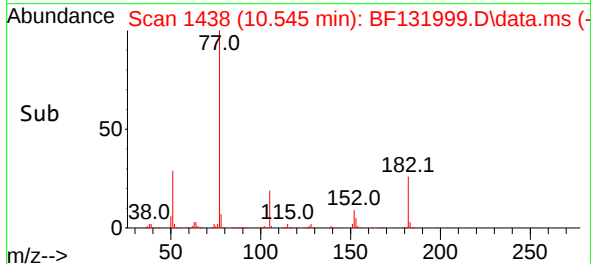
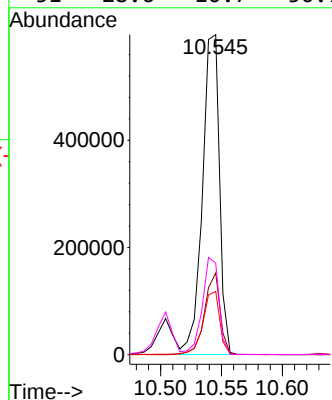
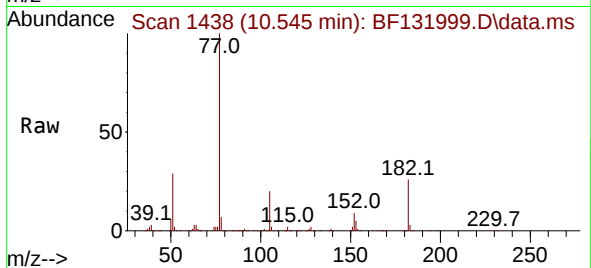




#63
Azobenzene
Concen: 37.706 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

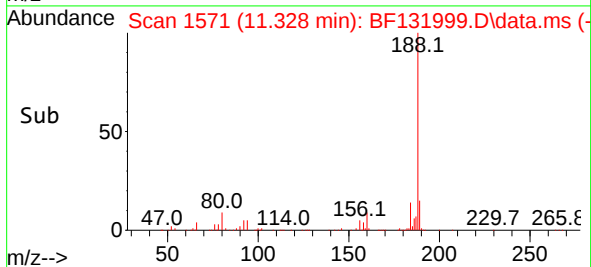
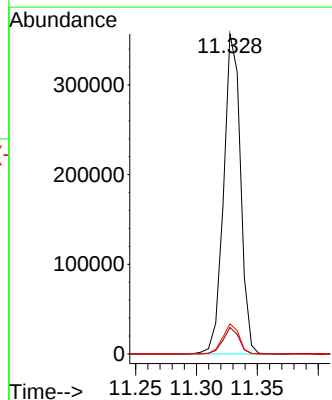
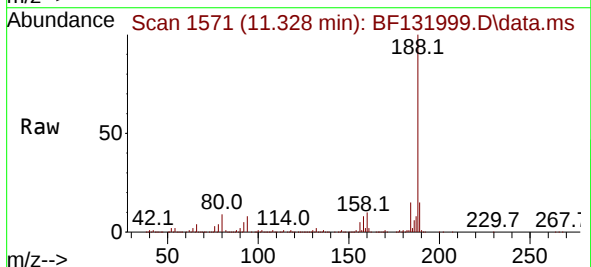
Instrument :
BNA_F
ClientSampleId :
PB150165BS

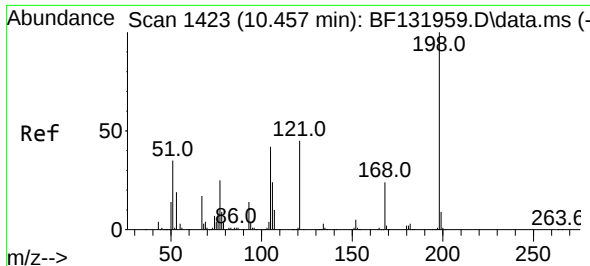
Tgt Ion: 77	Resp: 578814
Ion Ratio	Lower Upper
77 100	
182 25.6	2.9 42.9
105 19.8	0.0 39.3
51 28.6	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:188	Resp: 344065
Ion Ratio	Lower Upper
188 100	
94 8.3	5.8 8.6
80 9.4	7.4 11.0

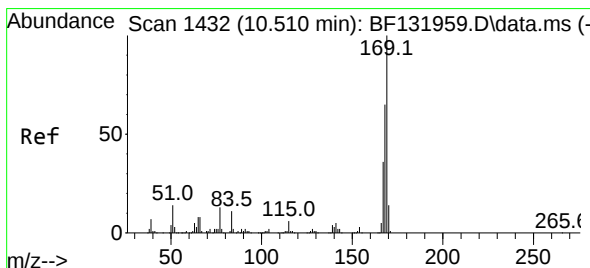
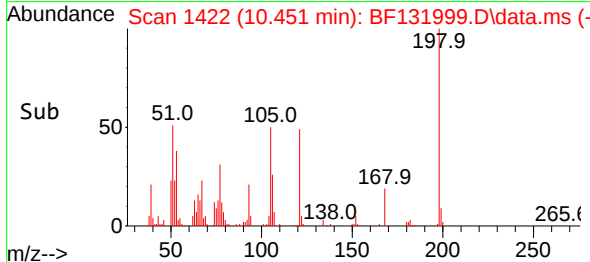
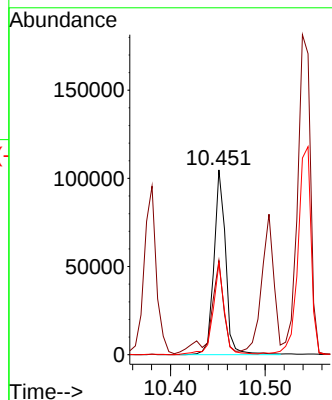
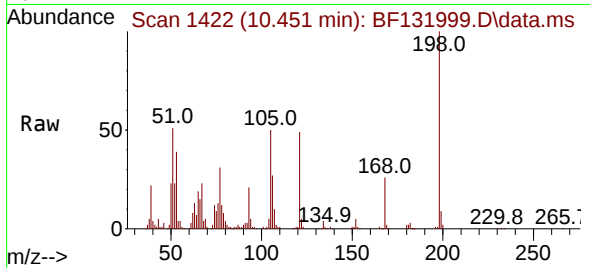




#65
4,6-Dinitro-2-methylphenol
Concen: 40.426 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

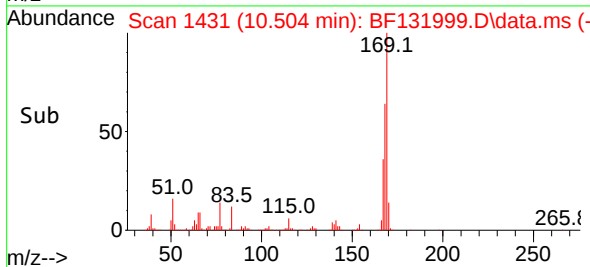
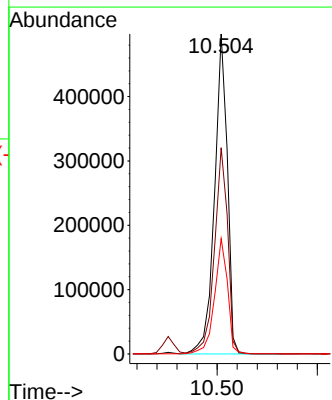
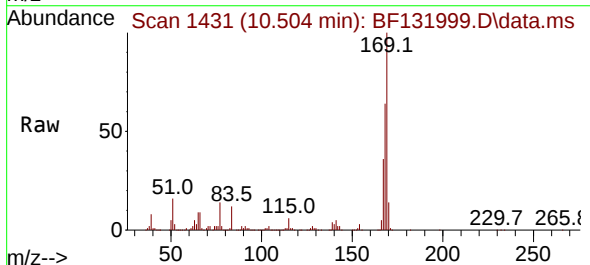
Instrument :
BNA_F
ClientSampleId :
PB150165BS

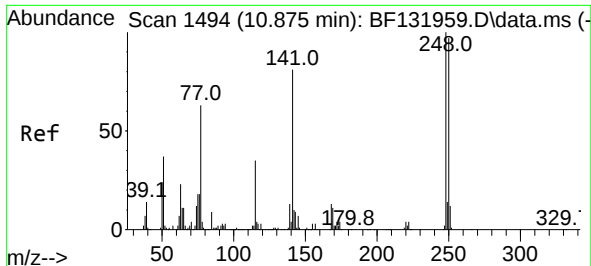
Tgt Ion:198 Resp: 89697
Ion Ratio Lower Upper
198 100
51 50.9 21.4 61.4
105 49.6 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 40.940 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:169 Resp: 441923
Ion Ratio Lower Upper
169 100
168 64.4 52.5 78.7
167 36.1 28.6 43.0

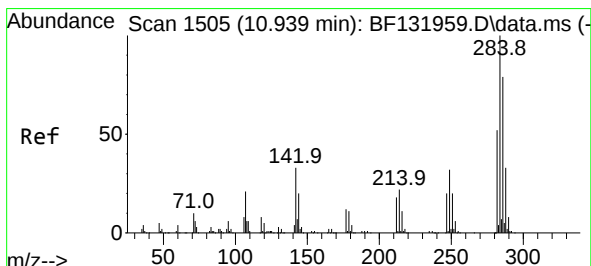
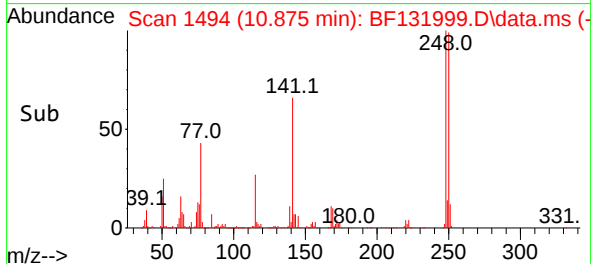
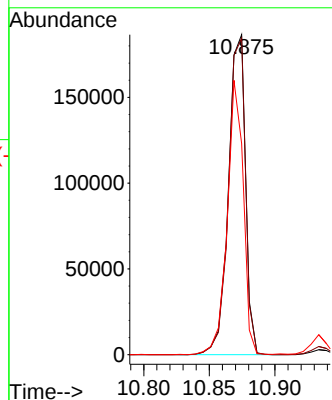
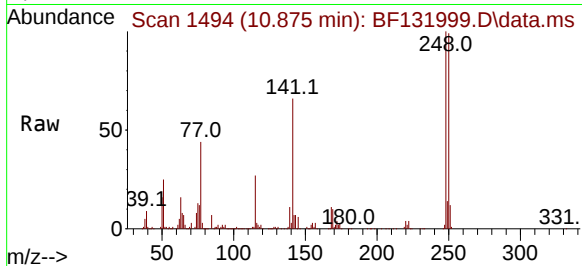




#67
4-Bromophenyl-phenylether
Concen: 39.167 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

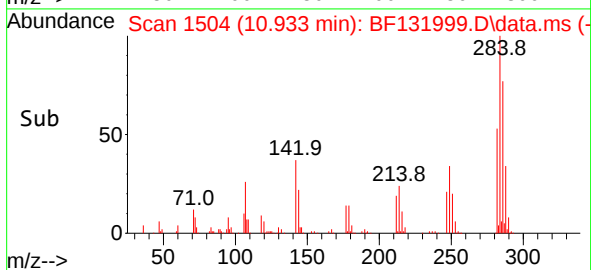
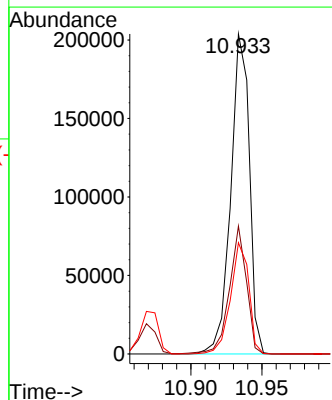
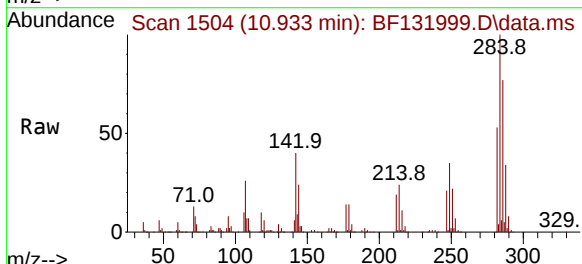
Instrument :
BNA_F
ClientSampleId :
PB150165BS

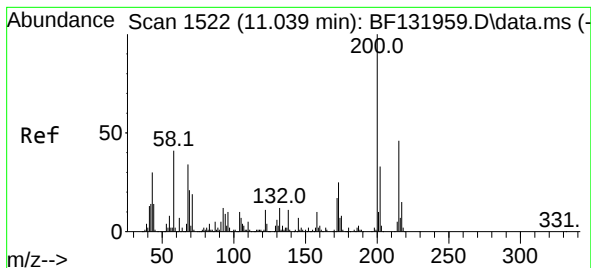
Tgt Ion:248 Resp: 168580
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 65.9 65.0 97.6



#68
Hexachlorobenzene
Concen: 42.735 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:284 Resp: 186070
Ion Ratio Lower Upper
284 100
142 40.0 26.4 39.6#
249 34.8 25.4 38.2





#69

Atrazine

Concen: 43.496 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

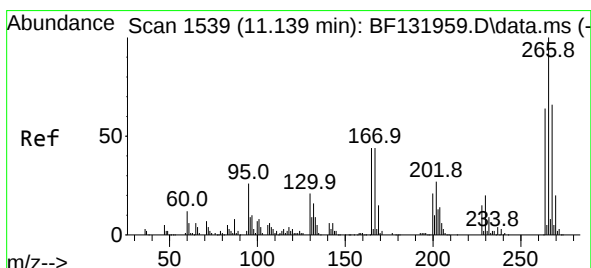
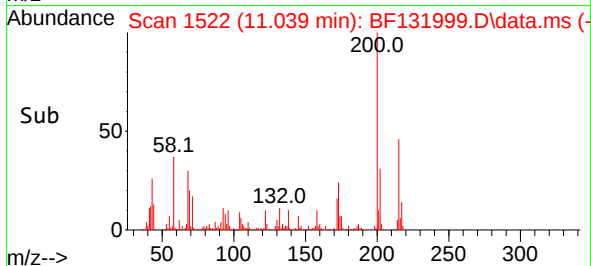
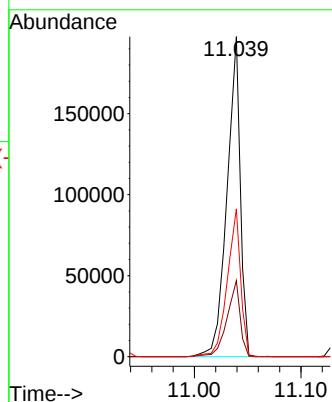
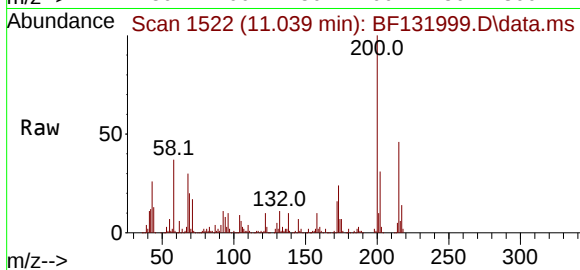
Tgt Ion:200 Resp: 170741

Ion Ratio Lower Upper

200 100

173 23.8 5.1 45.1

215 46.2 25.6 65.6



#70

Pentachlorophenol

Concen: 68.238 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

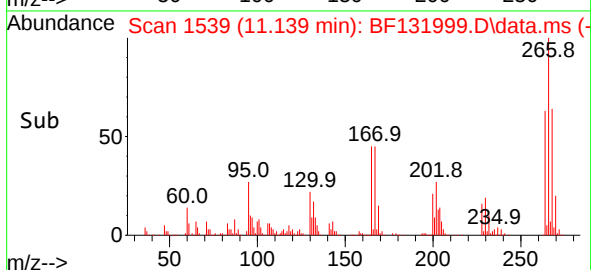
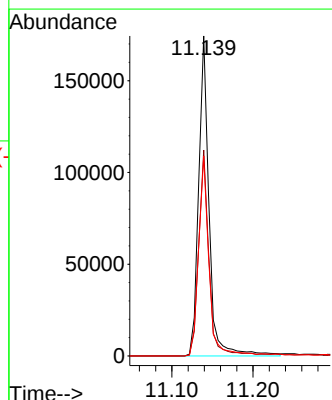
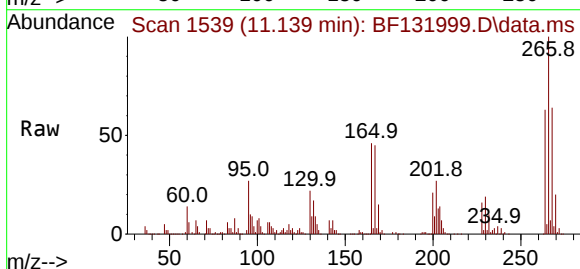
Tgt Ion:266 Resp: 156867

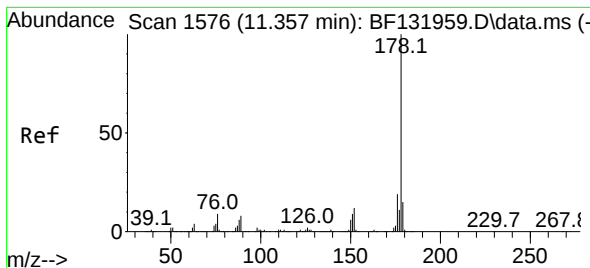
Ion Ratio Lower Upper

266 100

268 64.4 52.7 79.1

264 62.5 51.6 77.4





#71

Phenanthrene

Concen: 41.482 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

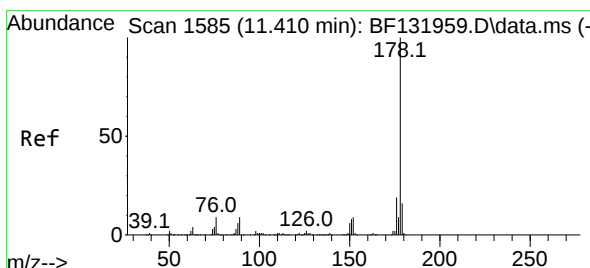
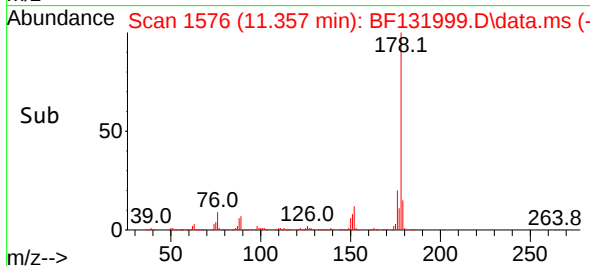
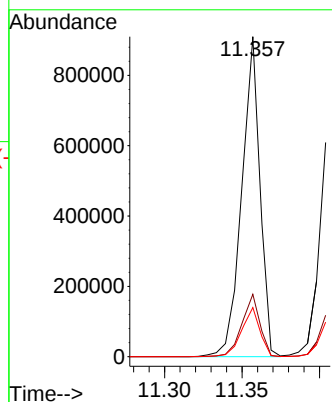
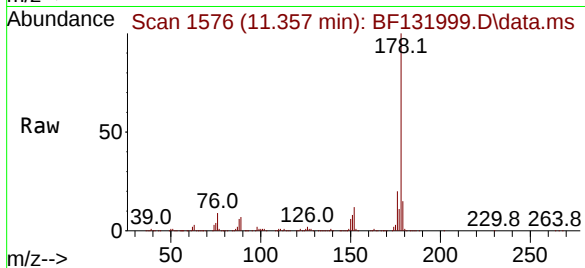
Tgt Ion:178 Resp: 744034

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.3 12.4 18.6



#72

Anthracene

Concen: 39.855 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

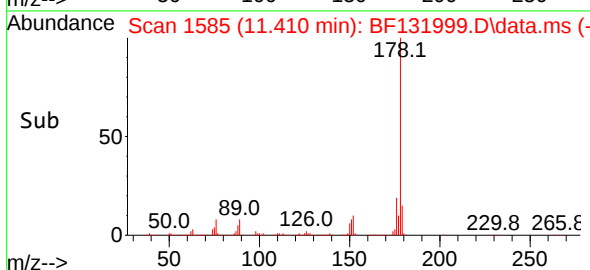
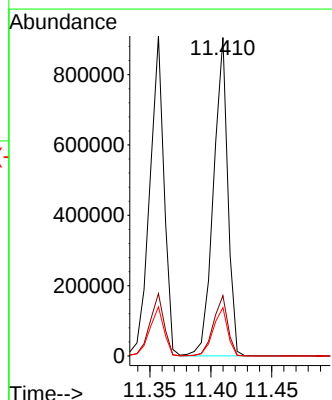
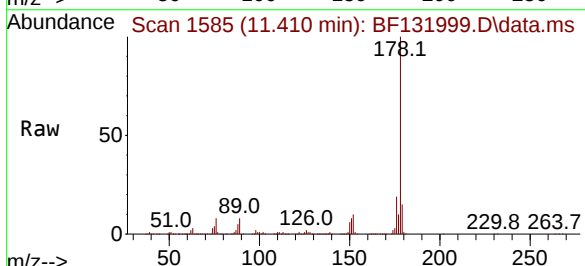
Tgt Ion:178 Resp: 735904

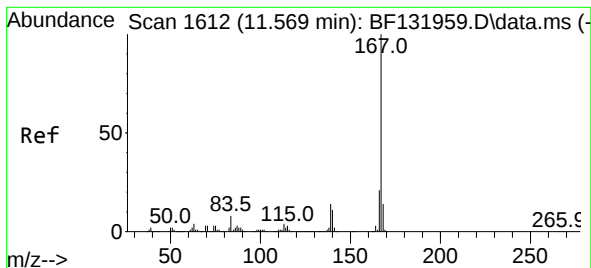
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.2 12.6 19.0





#73

Carbazole

Concen: 41.808 ng

RT: 11.569 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

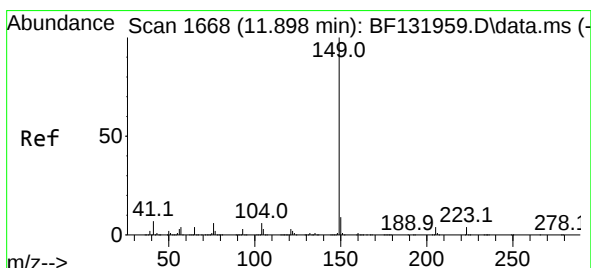
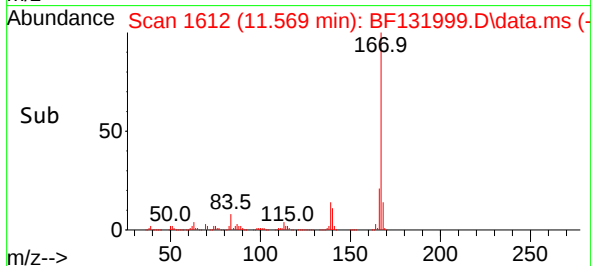
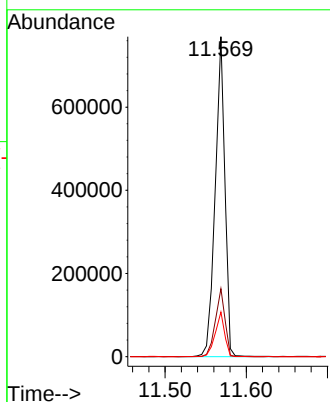
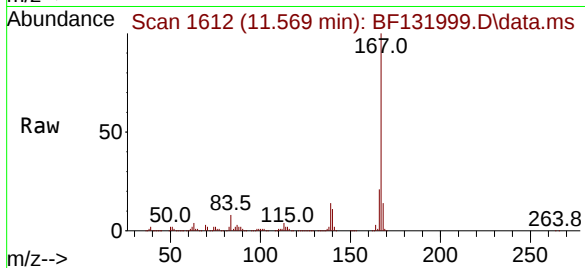
Tgt Ion:167 Resp: 639108

Ion Ratio Lower Upper

167 100

166 21.2 16.8 25.2

139 14.0 11.1 16.7



#74

Di-n-butylphthalate

Concen: 37.450 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

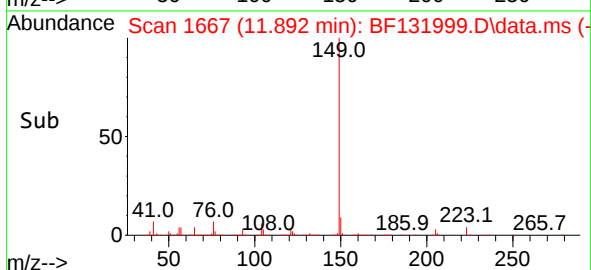
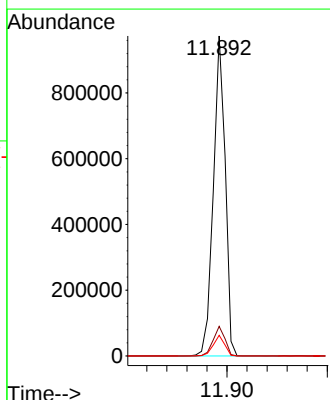
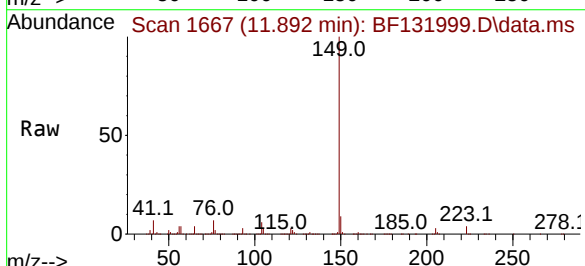
Tgt Ion:149 Resp: 797153

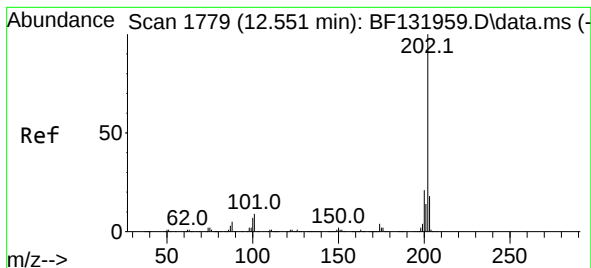
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 6.4 5.0 7.6





#75

Fluoranthene

Concen: 39.272 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

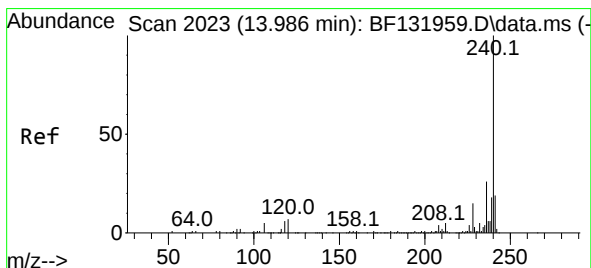
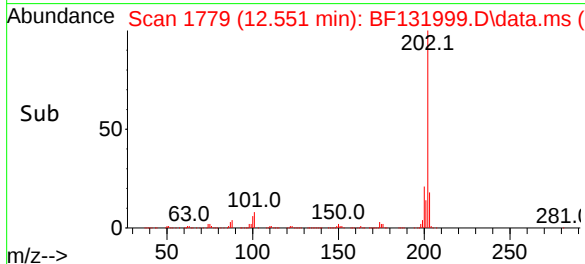
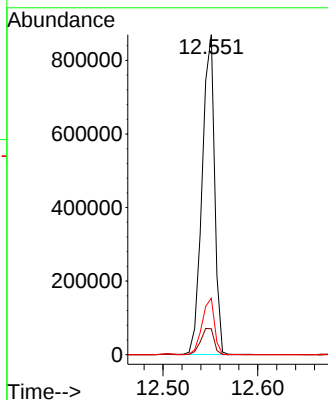
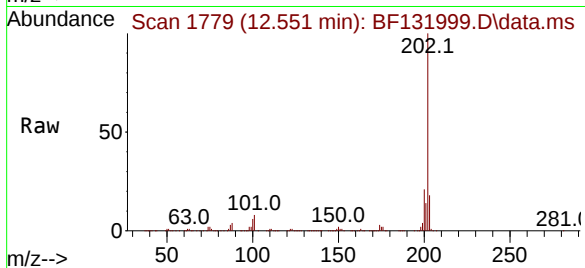
Tgt Ion:202 Resp: 792197

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.8

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

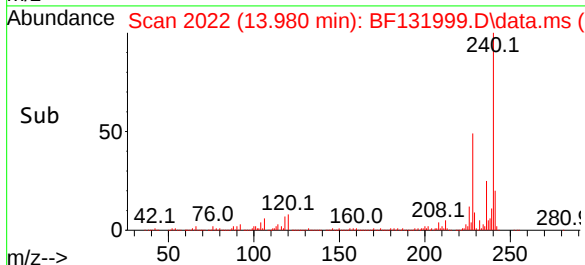
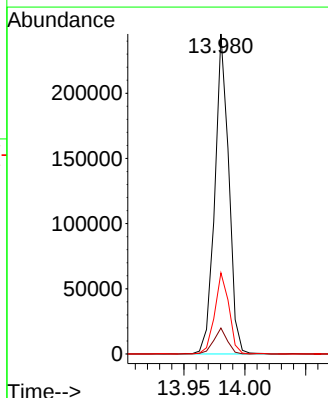
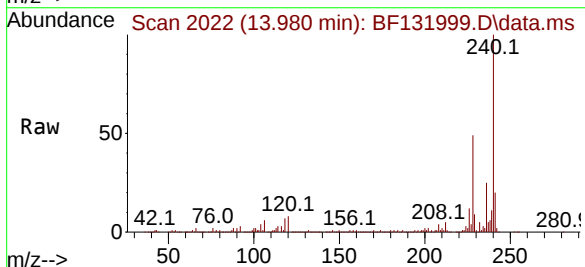
Tgt Ion:240 Resp: 196358

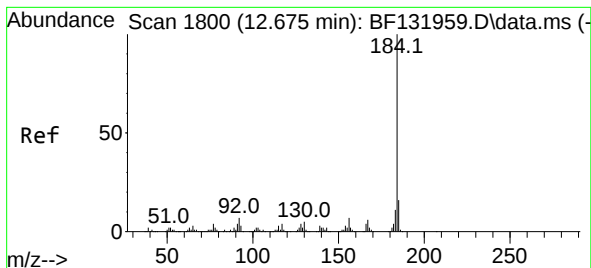
Ion Ratio Lower Upper

240 100

120 8.1 5.4 8.0#

236 25.3 21.1 31.7





#77

Benzidine

Concen: 23.296 ng

RT: 12.675 min Scan# 1800

Delta R.T. -0.001 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

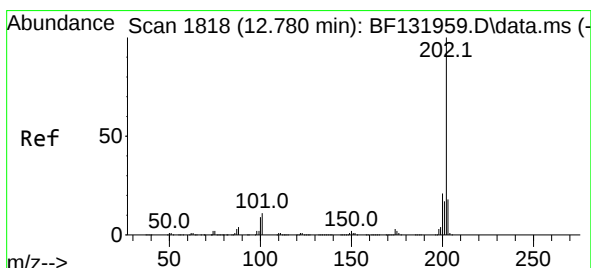
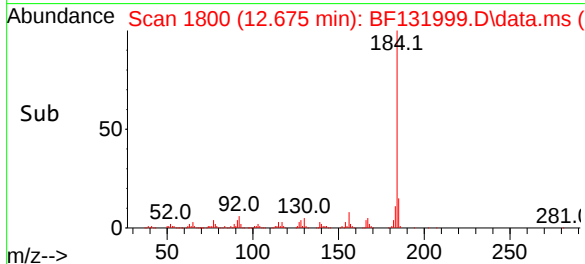
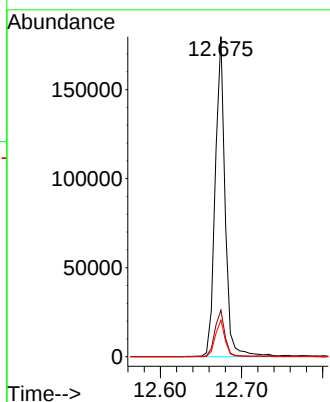
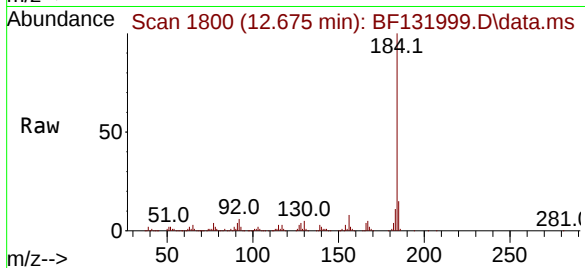
Tgt Ion:184 Resp: 151968

Ion Ratio Lower Upper

184 100

185 14.5 12.8 19.2

183 11.4 9.0 13.4



#78

Pyrene

Concen: 43.995 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

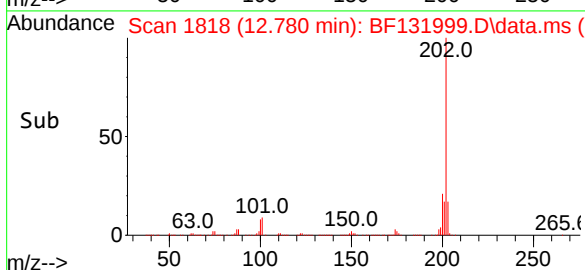
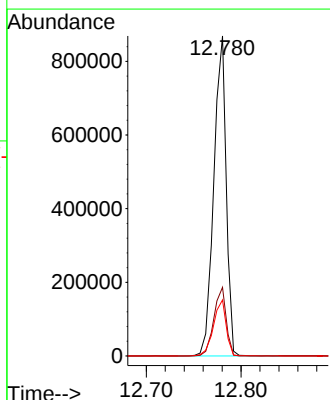
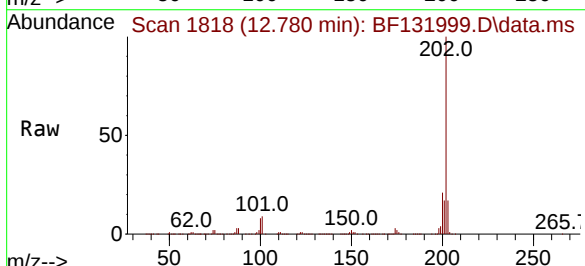
Tgt Ion:202 Resp: 787905

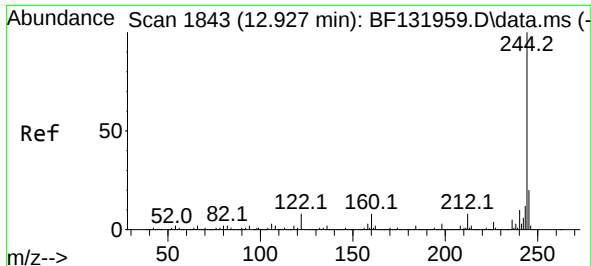
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.5 14.1 21.1

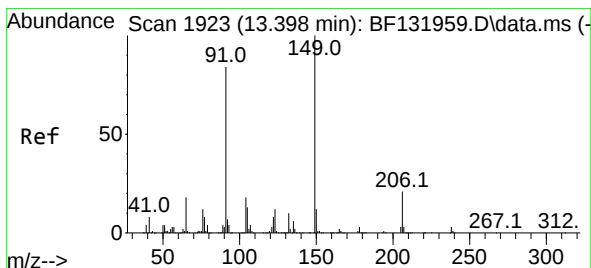
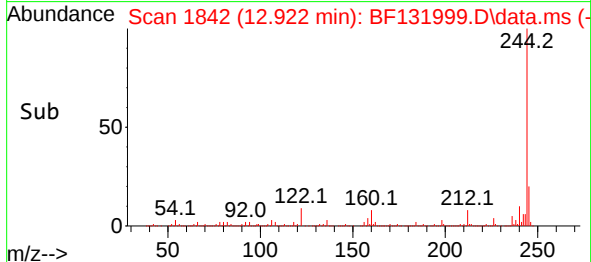
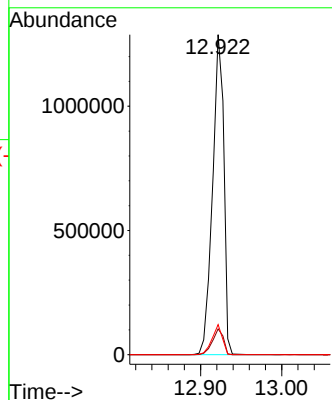
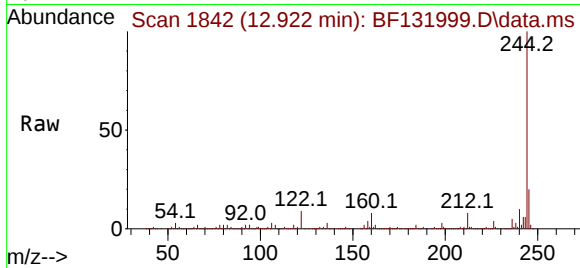




#79
 Terphenyl-d14
 Concen: 90.093 ng
 RT: 12.922 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45

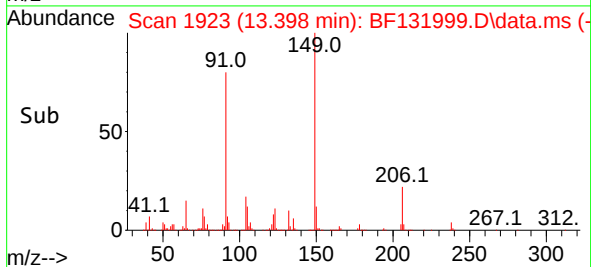
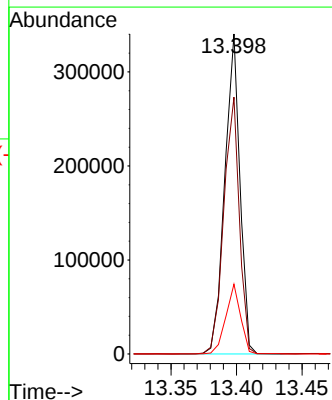
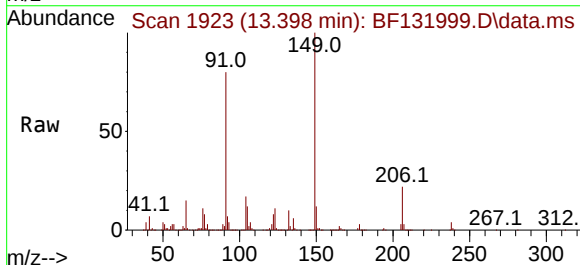
Instrument :
 BNA_F
 ClientSampleId :
 PB150165BS

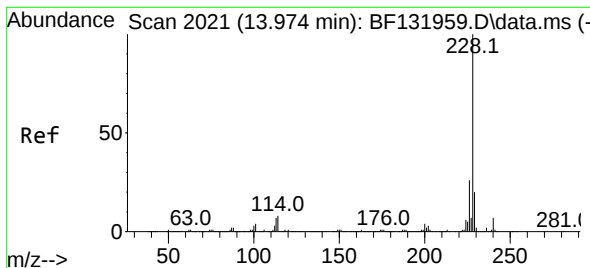
Tgt Ion:244 Resp: 1234266
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.4 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 37.855 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45

Tgt Ion:149 Resp: 273646
 Ion Ratio Lower Upper
 149 100
 91 80.2 67.0 100.4
 206 21.8 16.9 25.3





#81

Benzo(a)anthracene

Concen: 39.907 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

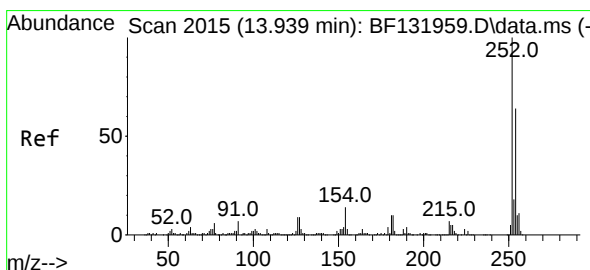
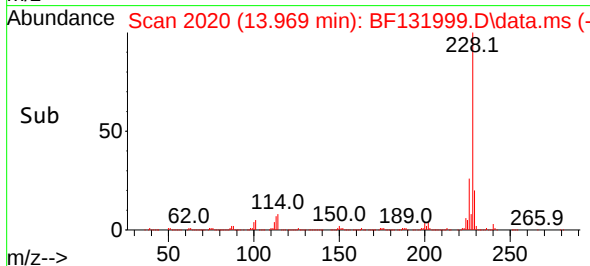
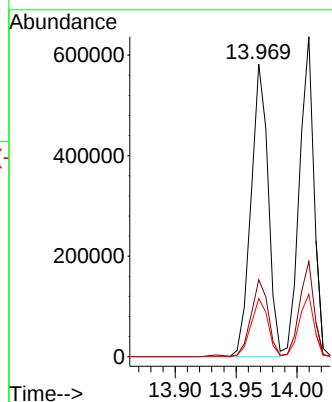
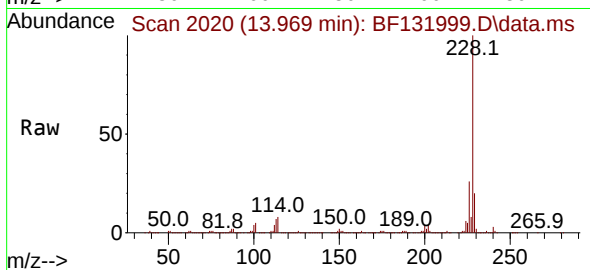
Tgt Ion:228 Resp: 570099

Ion Ratio Lower Upper

228 100

226 26.3 21.0 31.4

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 33.375 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

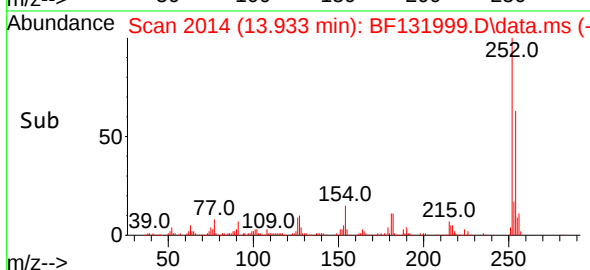
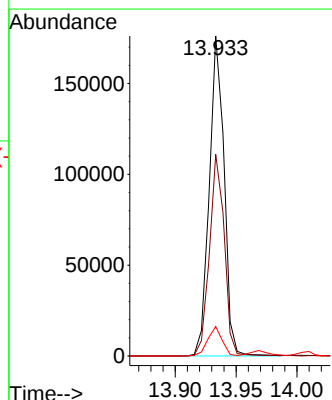
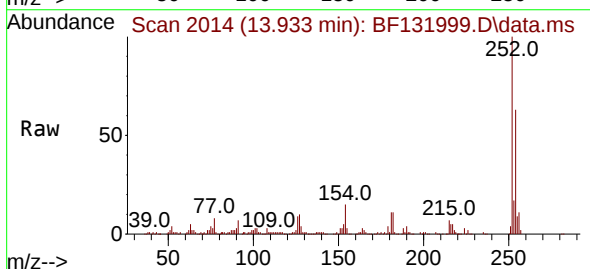
Tgt Ion:252 Resp: 148803

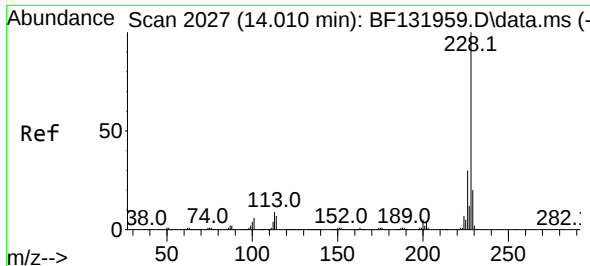
Ion Ratio Lower Upper

252 100

254 63.0 51.5 77.3

126 9.2 6.9 10.3

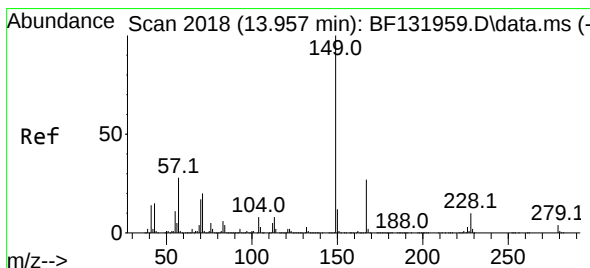
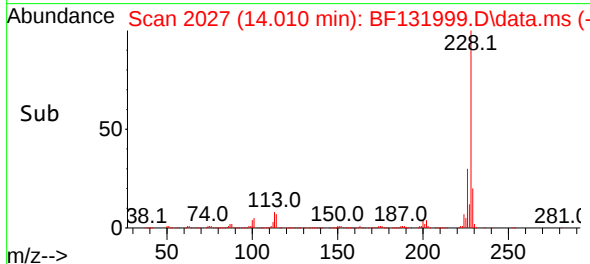
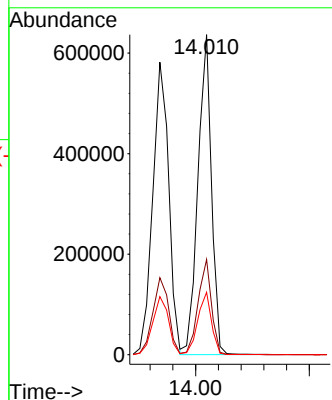
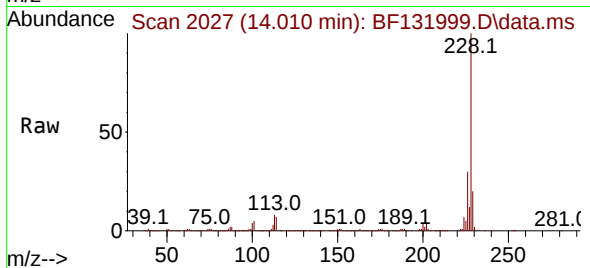




#83
Chrysene
Concen: 39.574 ng
RT: 14.010 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

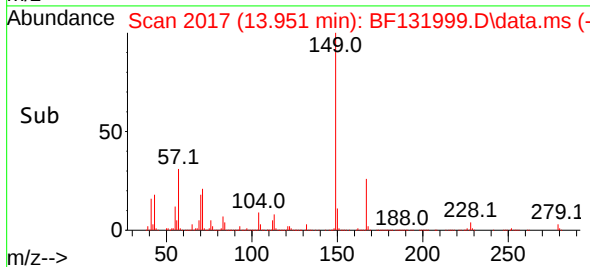
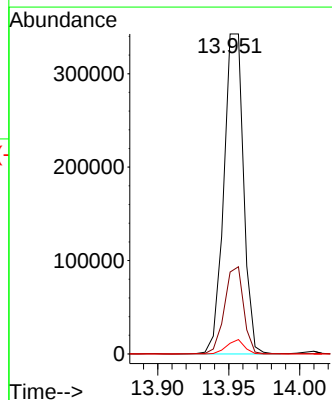
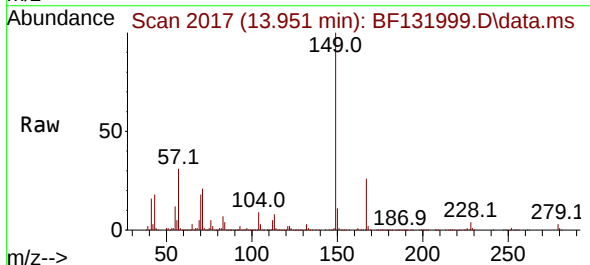
Instrument :
BNA_F
ClientSampleId :
PB150165BS

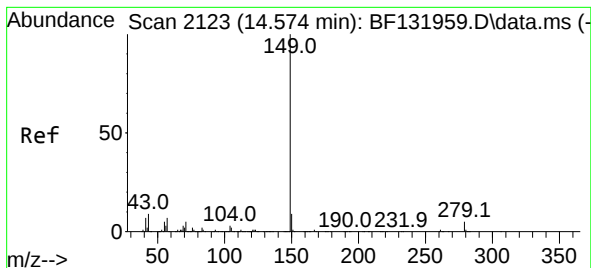
Tgt Ion:228 Resp: 528347
Ion Ratio Lower Upper
228 100
226 29.7 24.0 36.0
229 19.5 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 33.782 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:149 Resp: 330842
Ion Ratio Lower Upper
149 100
167 25.6 21.3 31.9
279 3.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 35.024 ng

RT: 14.568 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

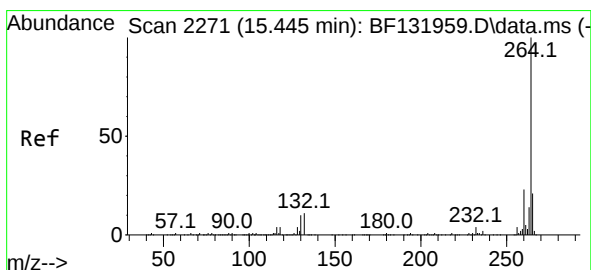
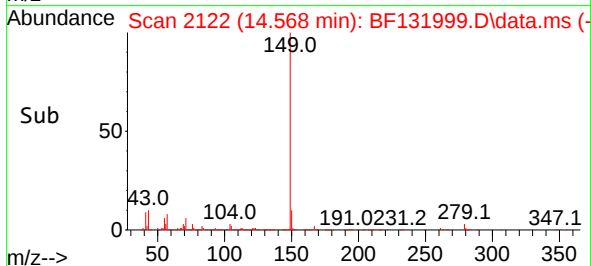
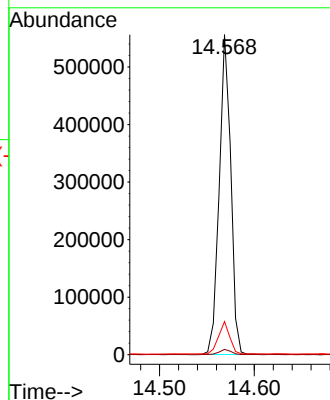
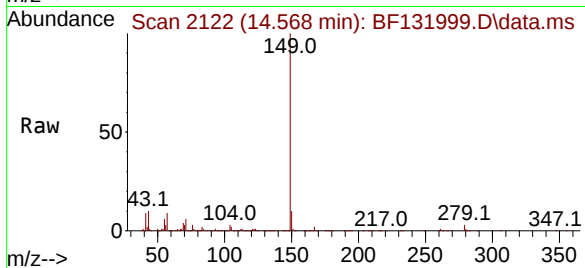
Tgt Ion:149 Resp: 469375

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 9.7 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

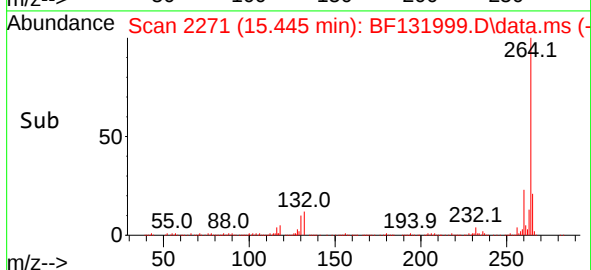
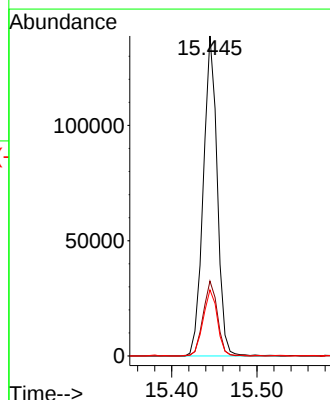
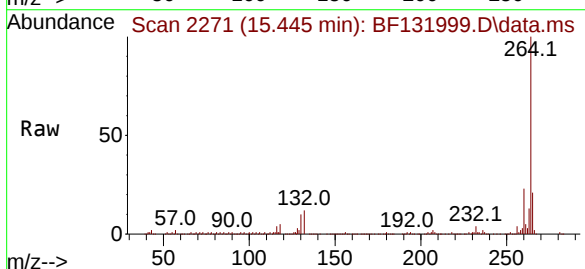
Tgt Ion:264 Resp: 157389

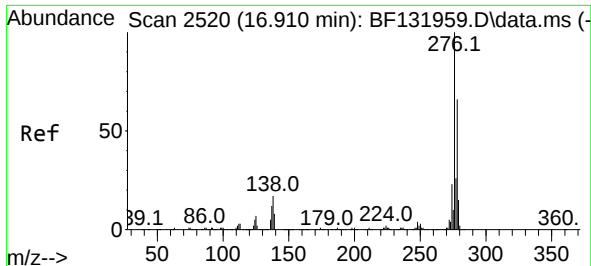
Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 20.6 16.9 25.3

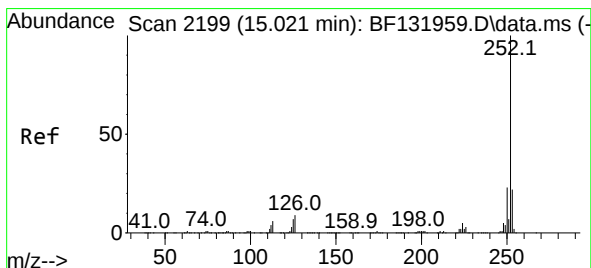
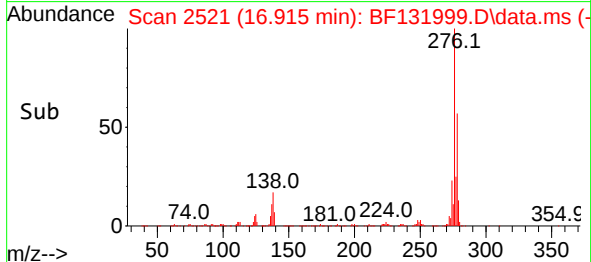
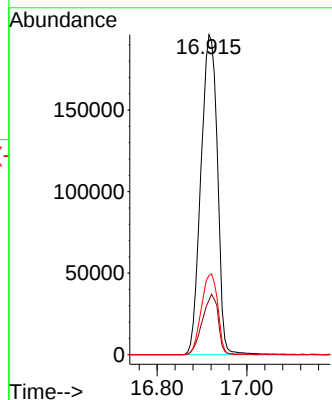
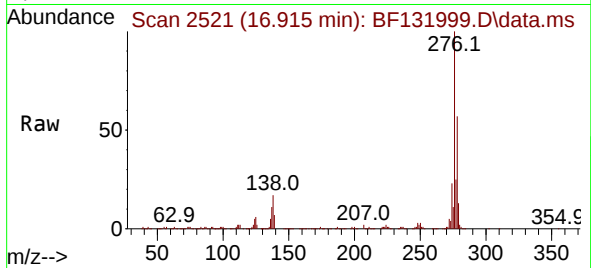




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.924 ng
RT: 16.915 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

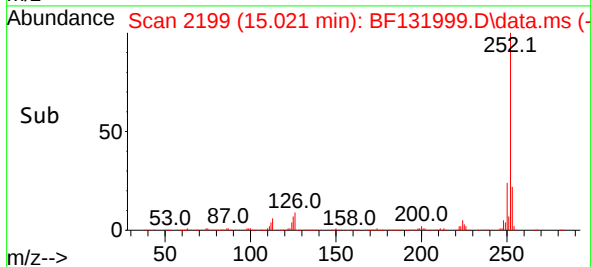
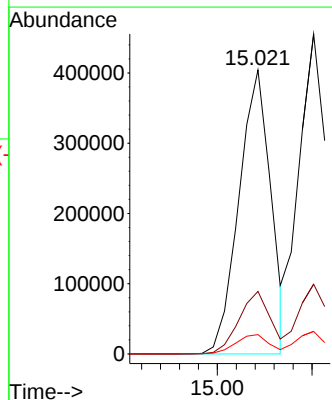
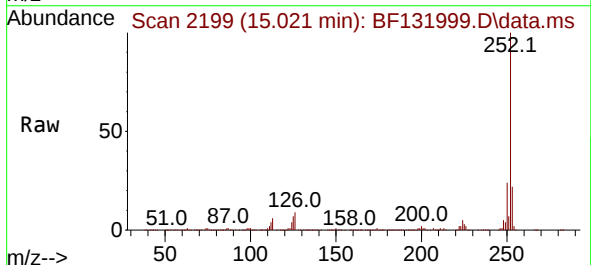
Instrument :
BNA_F
ClientSampleId :
PB150165BS

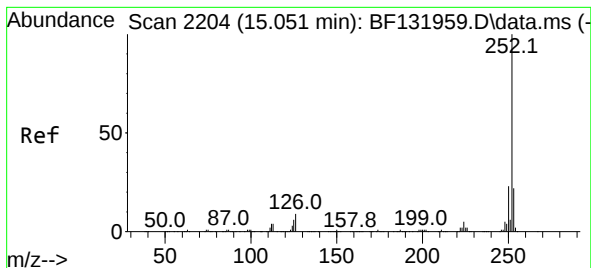
Tgt Ion:276 Resp: 501203
Ion Ratio Lower Upper
276 100
138 18.0 14.2 21.2
277 25.1 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 43.757 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:252 Resp: 472353
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 6.8 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 42.453 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

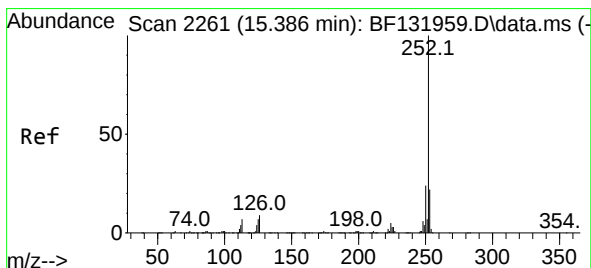
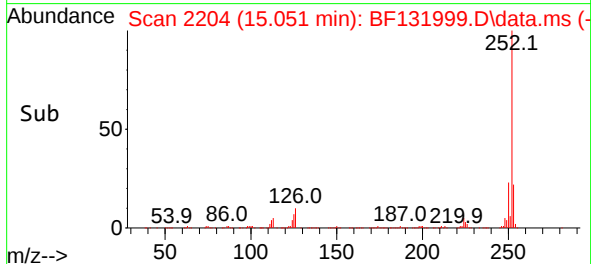
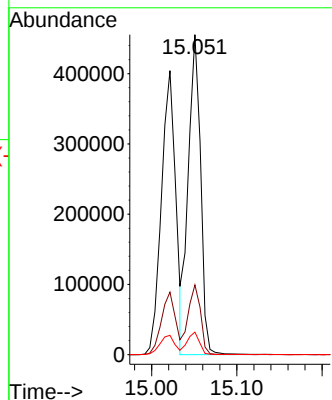
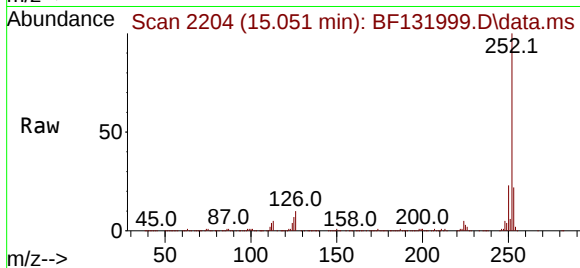
Tgt Ion:252 Resp: 457367

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 7.1 5.2 7.8



#90

Benzo(a)pyrene

Concen: 41.978 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

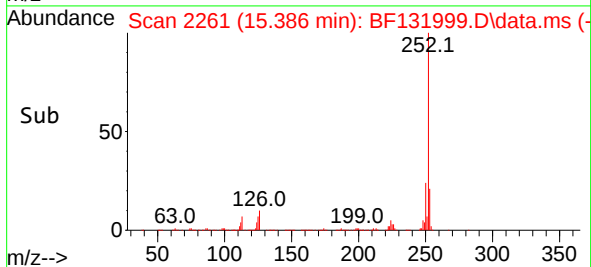
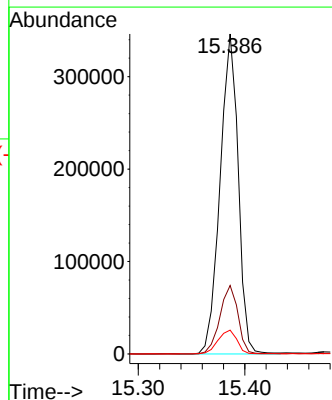
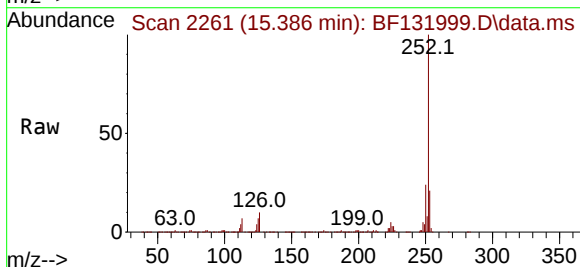
Tgt Ion:252 Resp: 408284

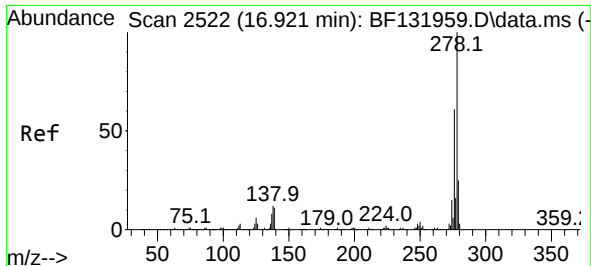
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 7.5 5.7 8.5

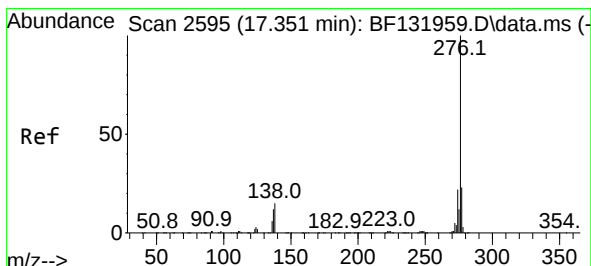
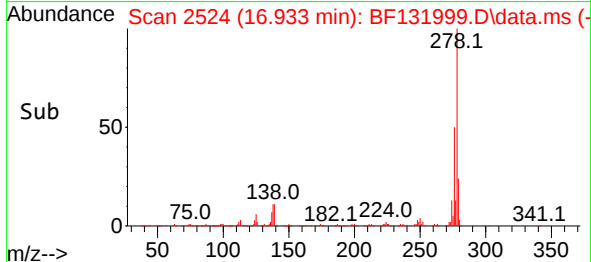
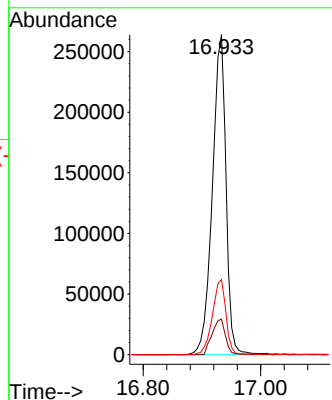
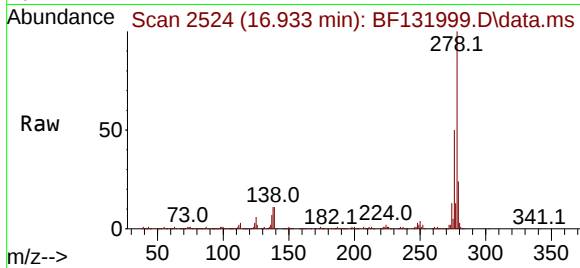




#91
Dibenzo(a,h)anthracene
Concen: 52.636 ng
RT: 16.933 min Scan# 2524
Delta R.T. 0.012 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :
BNA_F
ClientSampleId :
PB150165BS

Tgt Ion:278 Resp: 425909
Ion Ratio Lower Upper
278 100
139 11.1 8.8 13.2
279 23.5 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 49.430 ng
RT: 17.362 min Scan# 2597
Delta R.T. 0.011 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:276 Resp: 429256
Ion Ratio Lower Upper
276 100
277 22.5 18.2 27.2
138 14.2 11.7 17.5

