

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131418.D
 Acq On : 26 Nov 2022 03:12
 Operator : CG\JU
 Sample : N5741-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 03:43:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

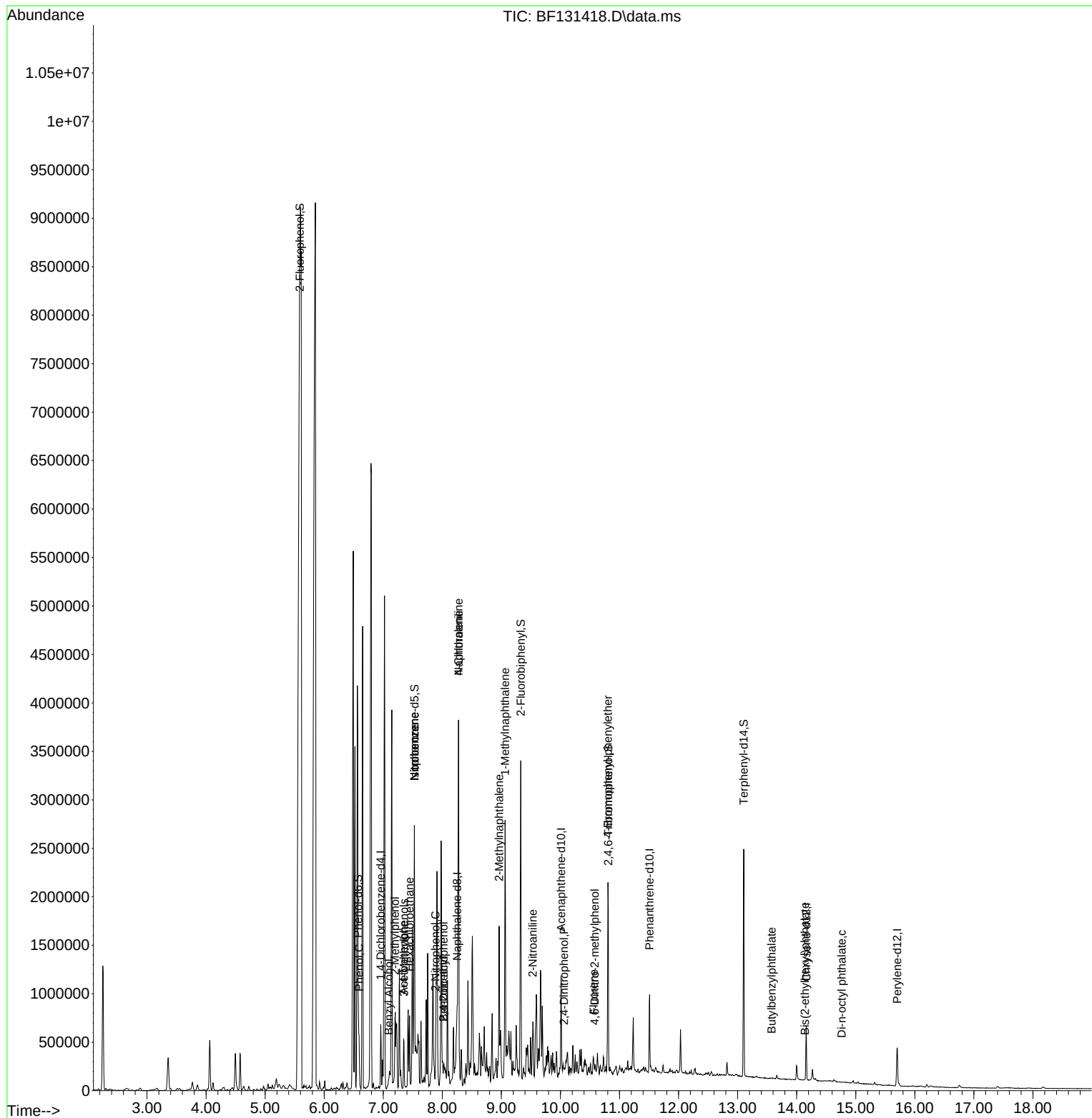
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	90318	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	313973	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	176147	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	290596	20.000	ng	0.00
76) Chrysene-d12	14.162	240	182426	20.000	ng	-0.01
86) Perylene-d12	15.703	264	198159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	201810	42.526	ng	0.02
7) Phenol-d6	6.575	99	257940	42.601	ng	0.00
23) Nitrobenzene-d5	7.528	82	521768	83.770	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	238654	161.042	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	960860	79.359	ng	0.00
79) Terphenyl-d14	13.104	244	800319	71.741	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	297074	Below Cal	#	1
10) Phenol	6.592	94	148514	22.123	ng	97
15) Benzyl Alcohol	7.092	79	13702	2.760	ng	99
17) 2-Methylphenol	7.198	107	23872	5.210	ng	# 67
18) Hexachloroethane	7.445	117	18183	7.807	ng	# 1
20) 3+4-Methylphenols	7.351	107	18474	3.158	ng	# 44
22) Acetophenone	7.345	105	164831	20.625	ng	# 54
24) Nitrobenzene	7.528	77	18894	2.911	ng	# 6
25) Isophorone	7.528	82	512972	46.163	ng	# 68
26) 2-Nitrophenol	7.886	139	63	3.614	ng	# 1
27) 2,4-Dimethylphenol	8.022	122	11487	2.666	ng	84
31) Naphthalene	8.275	128	1676189	100.182	ng	100
32) Benzoic acid	8.022	122	11206	9.897	ng	# 28
33) 4-Chloroaniline	8.275	127	225673	34.189	ng	# 31
37) 2-Methylnaphthalene	8.963	142	325832	28.742	ng	100
38) 1-Methylnaphthalene	9.063	142	441128	40.128	ng	99
48) 2-Nitroaniline	9.533	65	10068	3.075	ng	# 30
54) 2,4-Dinitrophenol	10.063	184	57	4.962	ng	# 1
58) Fluorene	10.563	166	33714	2.917	ng	93
65) 4,6-Dinitro-2-methylph...	10.580	198	186	4.740	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	16369	4.596	ng	# 1
80) Butylbenzylphthalate	13.574	149	489	4.226	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.139	149	1252	3.910	ng	# 80
85) Di-n-octyl phthalate	14.762	149	784	3.989	ng	# 1

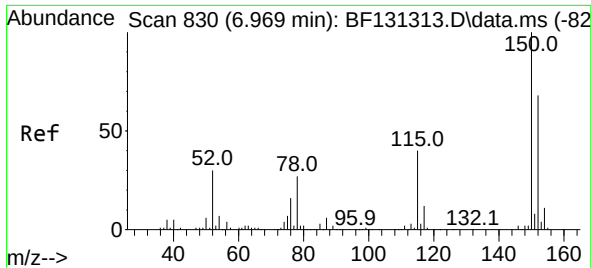
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
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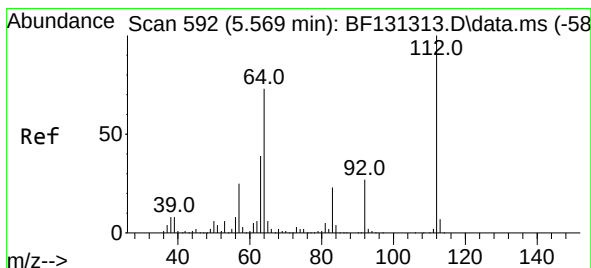
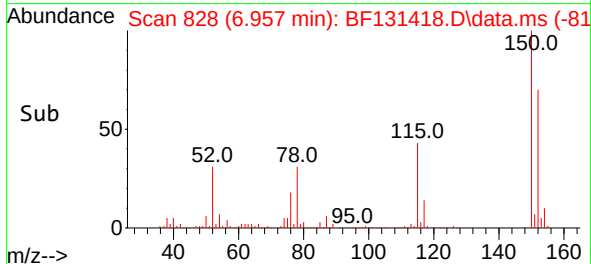
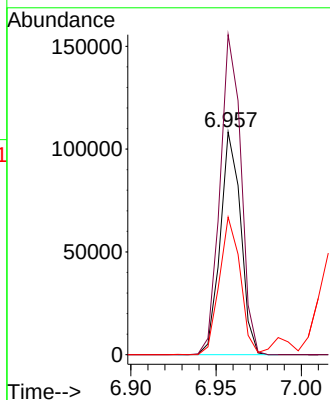
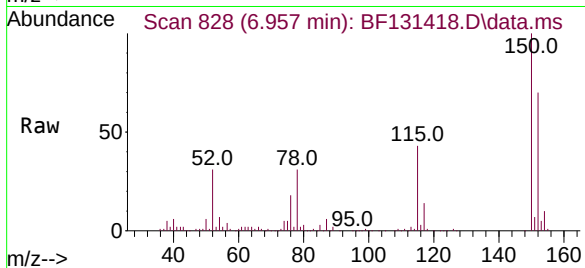




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131418.D
 Acq: 26 Nov 2022 03:12

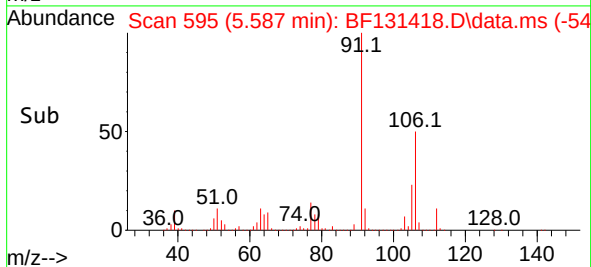
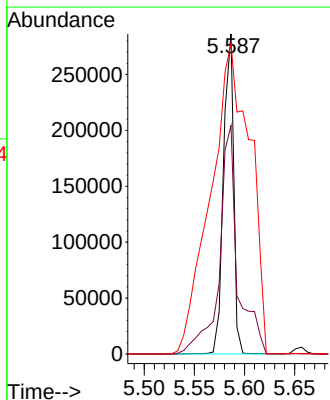
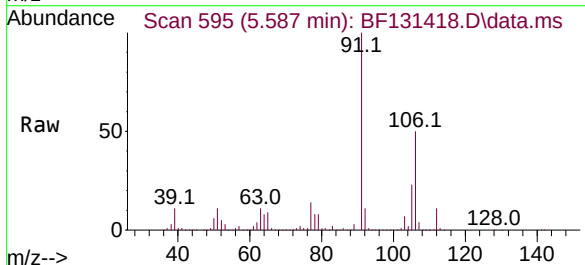
Instrument :
 BNA_F
 ClientSampleId :

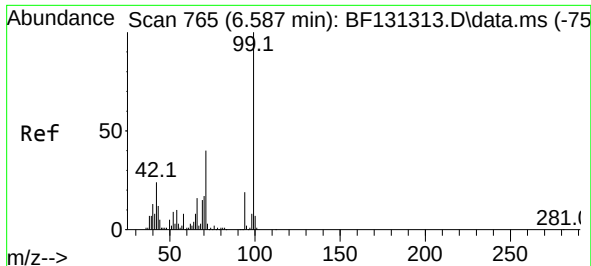
Tgt Ion:152 Resp: 90318
 Ion Ratio Lower Upper
 152 100
 150 143.7 117.8 176.8
 115 61.7 47.1 70.7



#5
 2-Fluorophenol
 Concen: 42.526 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.024 min
 Lab File: BF131418.D
 Acq: 26 Nov 2022 03:12

Tgt Ion:112 Resp: 201810
 Ion Ratio Lower Upper
 112 100
 64 71.3 58.6 88.0
 63 96.9 31.4 47.0#

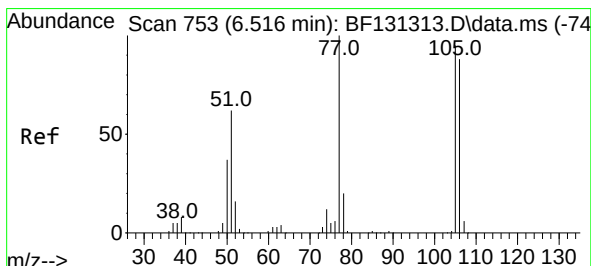
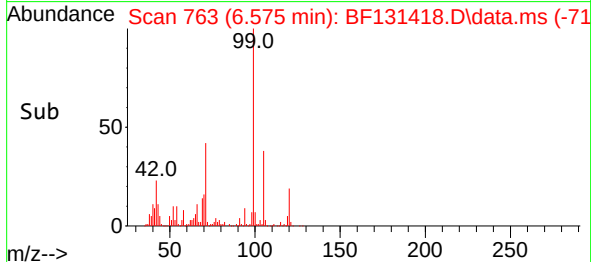
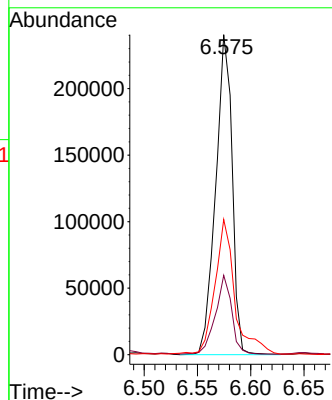
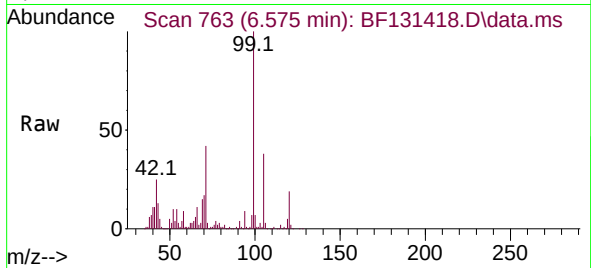




#7
Phenol-d6
Concen: 42.601 ng
RT: 6.575 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

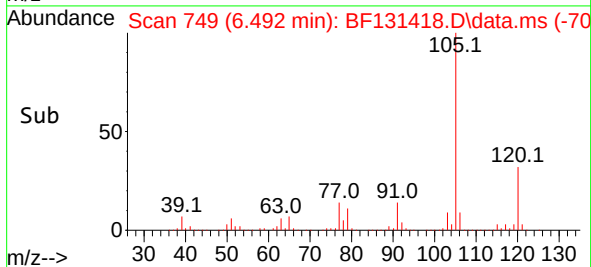
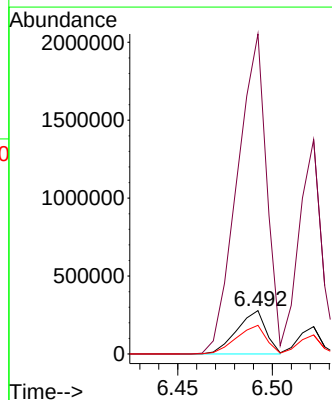
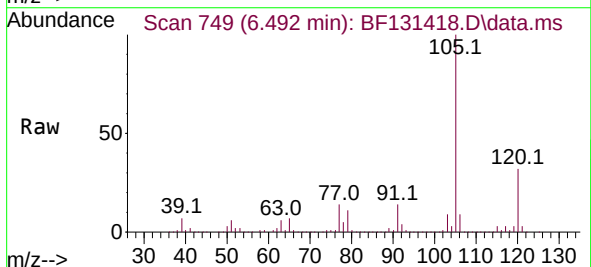
Instrument :
BNA_F
ClientSampleId :

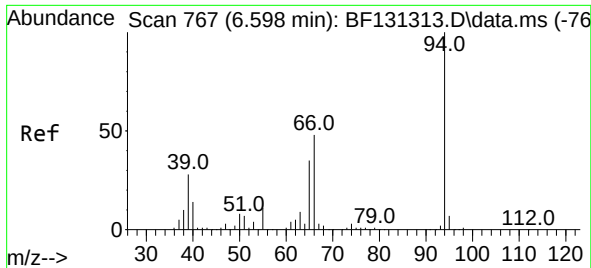
Tgt Ion: 99 Resp: 257940
Ion Ratio Lower Upper
99 100
42 24.8 19.4 29.2
71 42.3 32.3 48.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Tgt Ion: 77 Resp: 297074
Ion Ratio Lower Upper
77 100
105 738.7 74.5 114.5#
106 66.2 68.1 108.1#

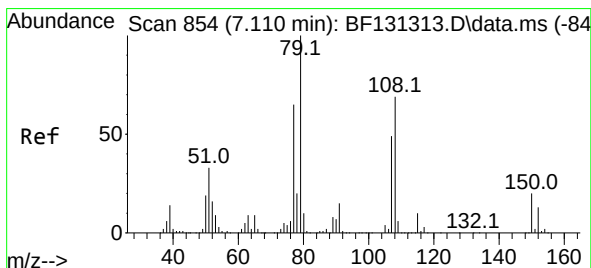
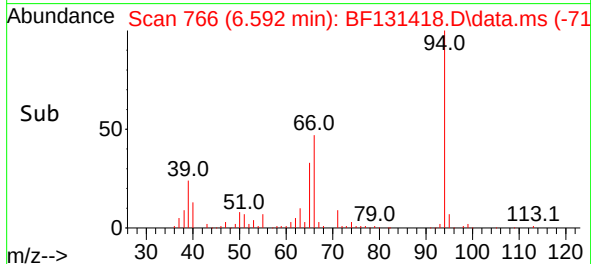
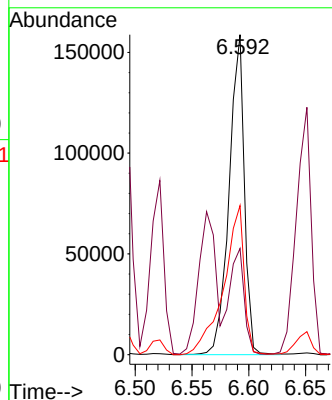
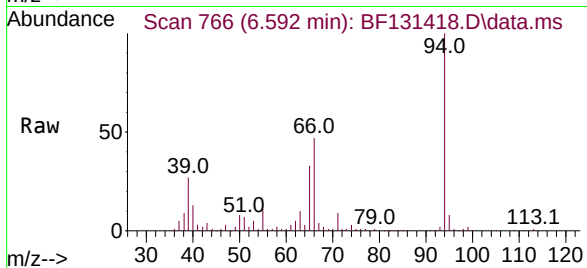




#10
Phenol
Concen: 22.123 ng
RT: 6.592 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

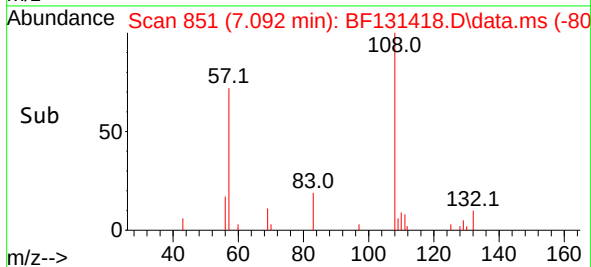
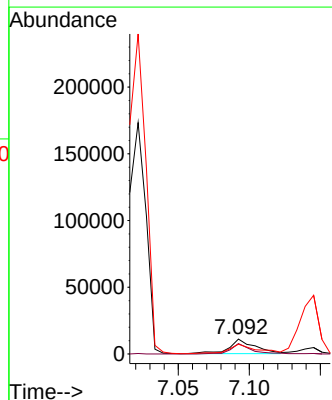
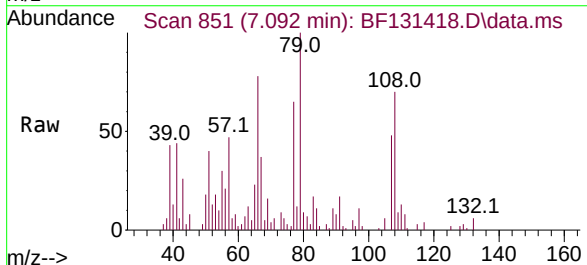
Instrument :
BNA_F
ClientSampleId :

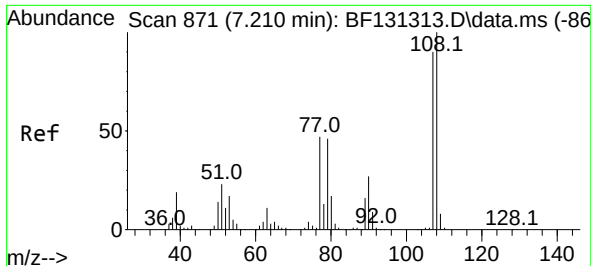
Tgt Ion: 94 Resp: 148514
Ion Ratio Lower Upper
94 100
65 33.2 15.0 55.0
66 46.6 28.6 68.6



#15
Benzyl Alcohol
Concen: 2.760 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

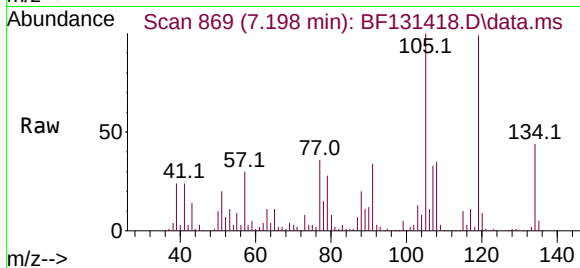
Tgt Ion: 79 Resp: 13702
Ion Ratio Lower Upper
79 100
108 69.8 55.1 82.7
77 65.3 51.8 77.8



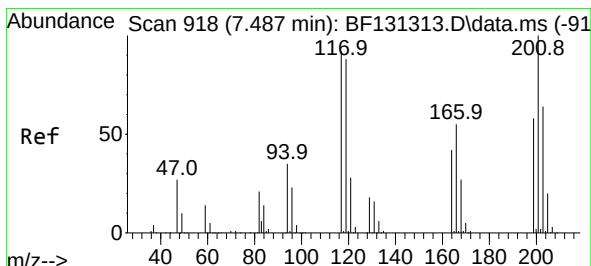
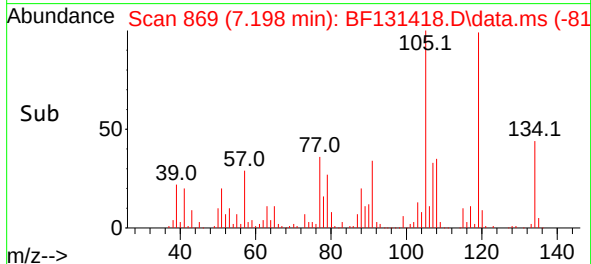
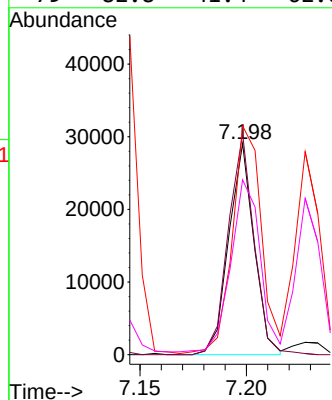


#17
2-Methylphenol
Concen: 5.210 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Instrument :
BNA_F
ClientSampleId :

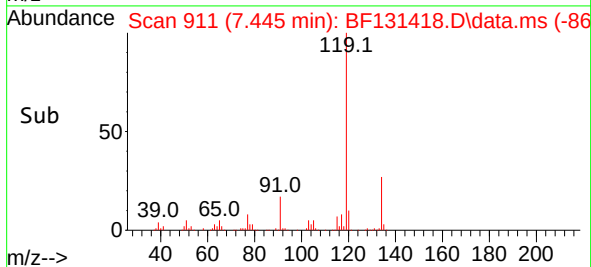
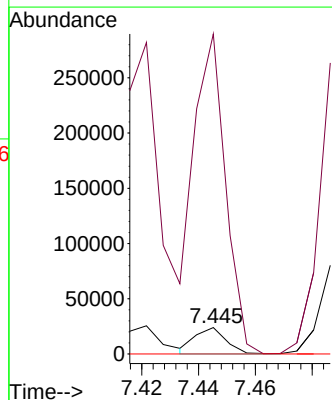
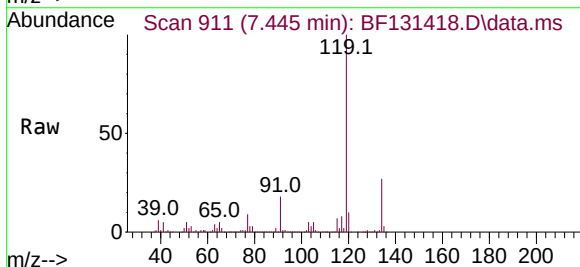


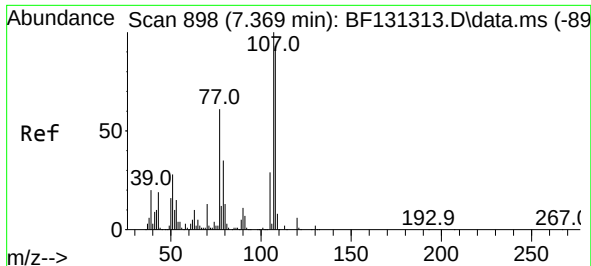
Tgt Ion:107 Resp: 23872
Ion Ratio Lower Upper
107 100
108 104.8 89.0 133.6
77 108.4 42.5 63.7#
79 82.8 41.4 62.0#



#18
Hexachloroethane
Concen: 7.807 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.029 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Tgt Ion:117 Resp: 18183
Ion Ratio Lower Upper
117 100
119 1209.2 76.6 115.0#
201 0.0 87.0 130.6#





#20

3+4-Methylphenols

Concen: 3.158 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

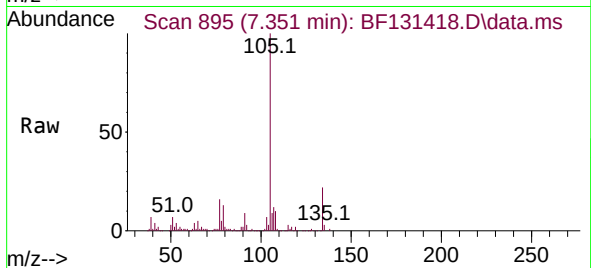
Lab File: BF131418.D

Acq: 26 Nov 2022 03:12

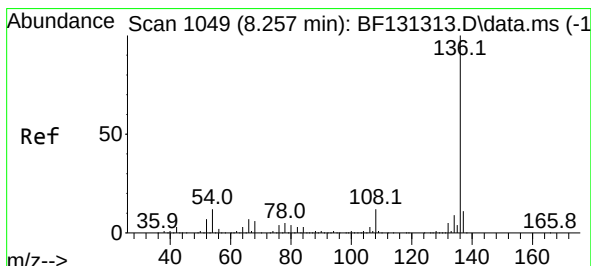
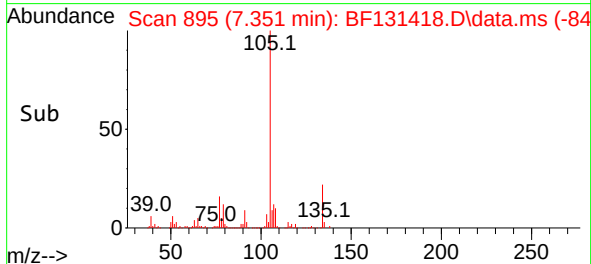
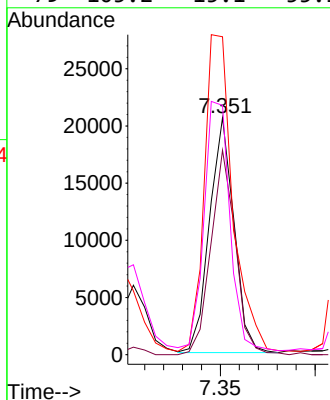
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	107	Resp:	18474
Ion	Ratio	Lower	Upper
107	100		
108	86.3	72.6	112.6
77	134.2	41.4	81.4#
79	105.2	15.1	55.1#



#21

Naphthalene-d8

Concen: 20.000 ng

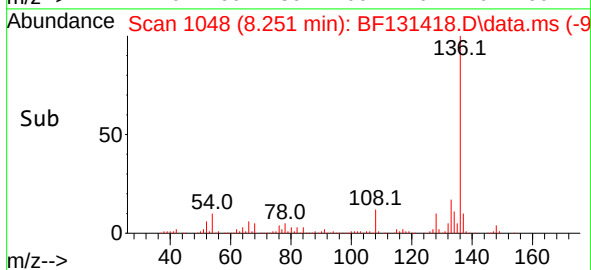
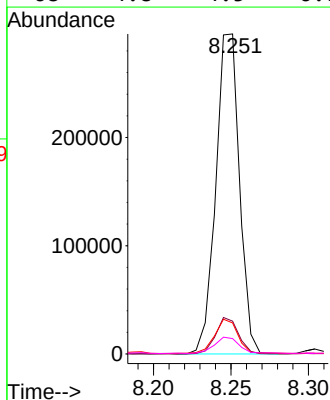
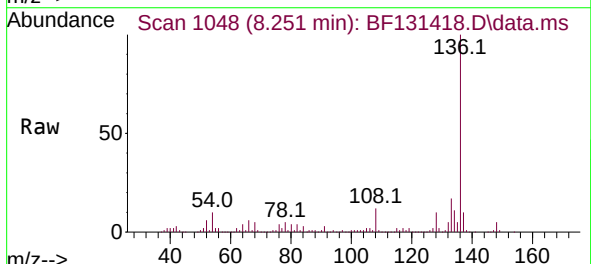
RT: 8.251 min Scan# 1048

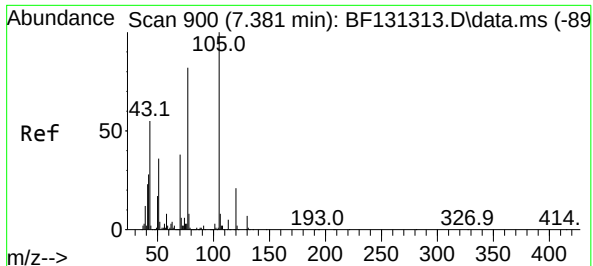
Delta R.T. -0.000 min

Lab File: BF131418.D

Acq: 26 Nov 2022 03:12

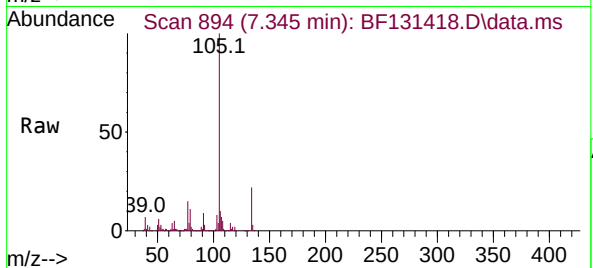
Tgt Ion:	136	Resp:	313973
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	9.7	9.4	14.0
68	4.8	4.5	6.7



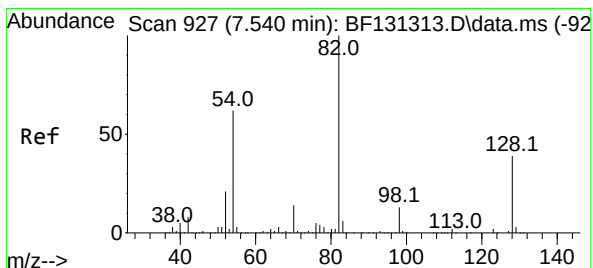
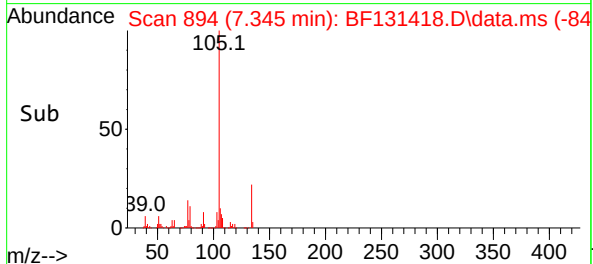
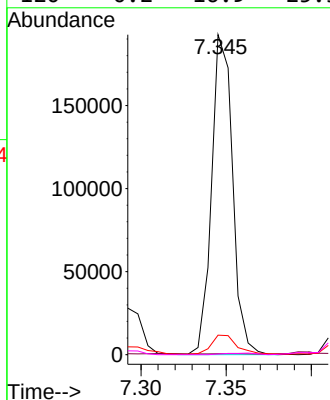


#22
Acetophenone
Concen: 20.625 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.029 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Instrument :
BNA_F
ClientSampleId :

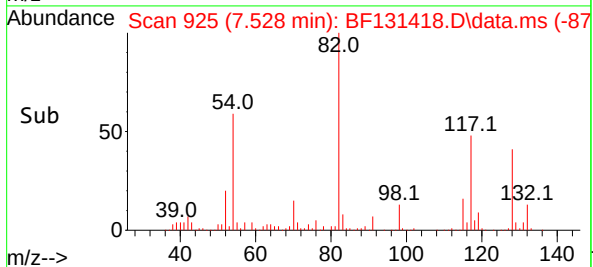
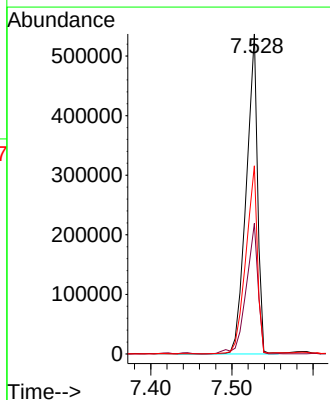
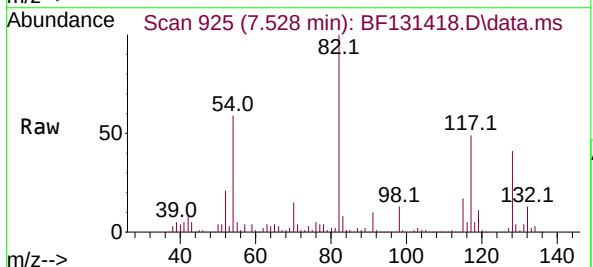


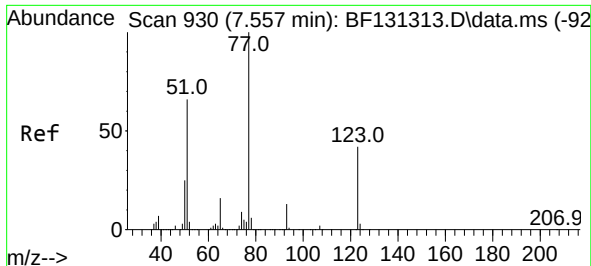
Tgt Ion:105 Resp: 164831
Ion Ratio Lower Upper
105 100
71 0.3 4.9 7.3#
51 6.1 29.0 43.4#
120 0.2 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 83.770 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

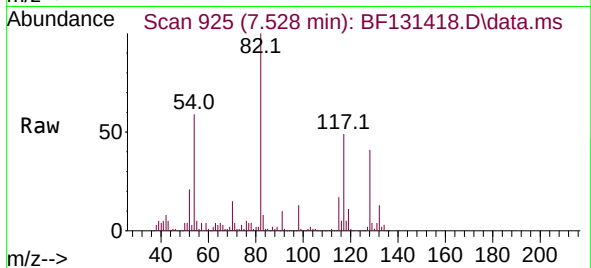
Tgt Ion: 82 Resp: 521768
Ion Ratio Lower Upper
82 100
128 40.8 31.4 47.0
54 58.8 49.8 74.6



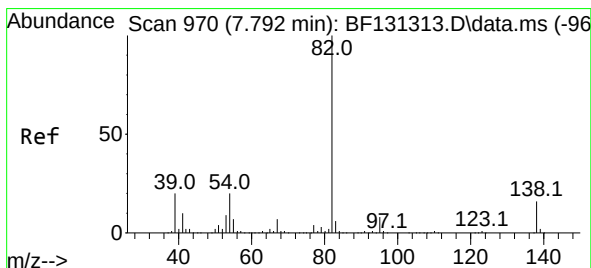
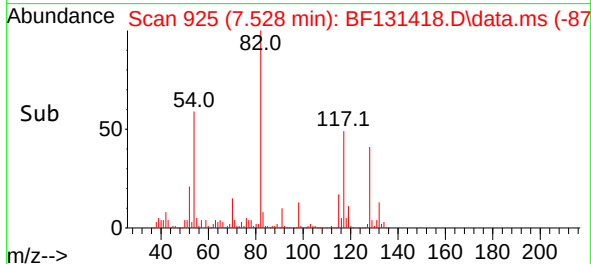
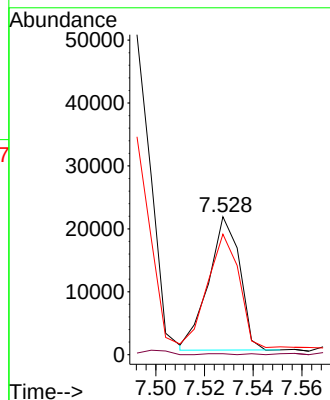


#24
Nitrobenzene
Concen: 2.911 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Instrument :
BNA_F
ClientSampleId :

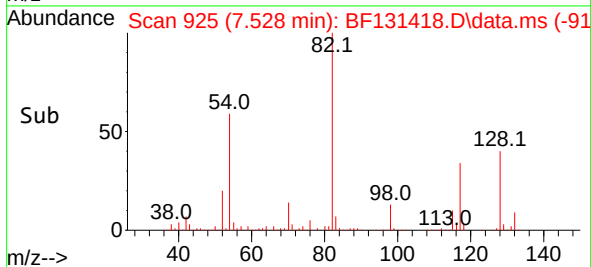
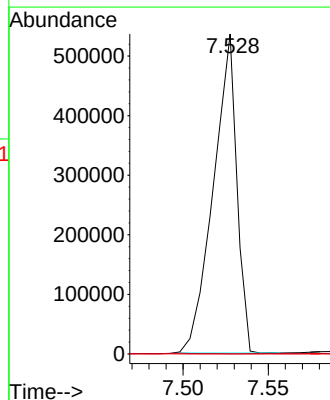
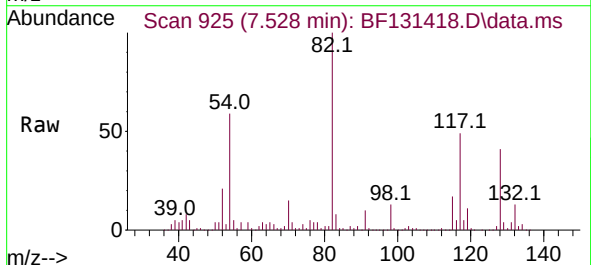


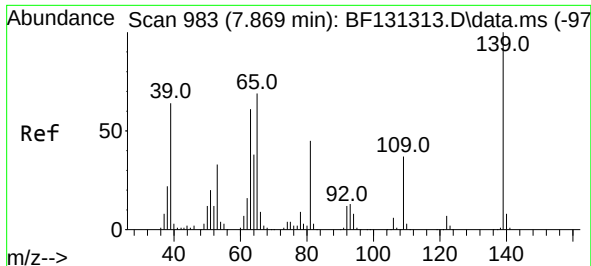
Tgt Ion: 77 Resp: 18894
Ion Ratio Lower Upper
77 100
123 0.8 33.3 49.9#
65 87.3 12.7 19.1#



#25
Isophorone
Concen: 46.163 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.259 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Tgt Ion: 82 Resp: 512972
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#

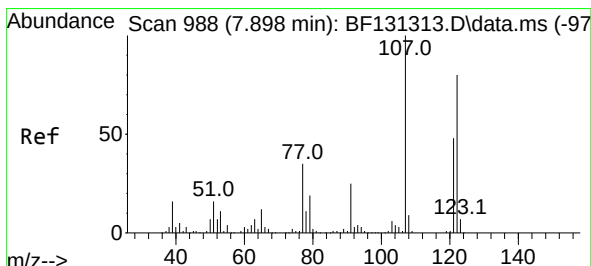
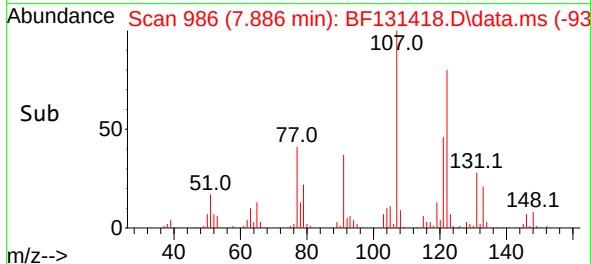
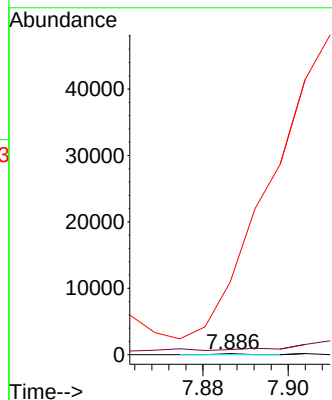
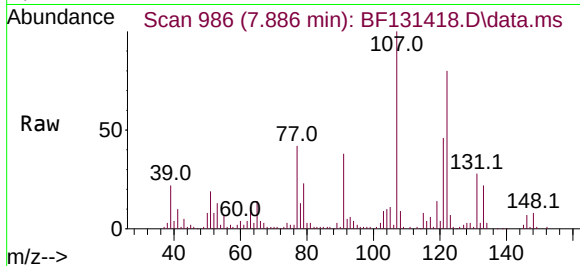




#26
2-Nitrophenol
Concen: 3.614 ng
RT: 7.886 min Scan# 91
Delta R.T. 0.024 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

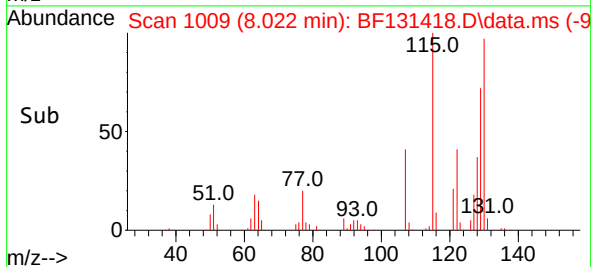
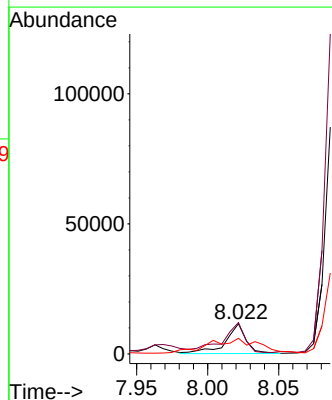
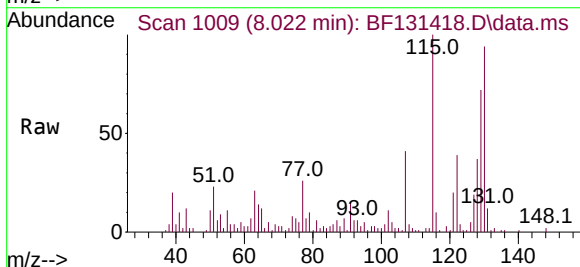
Instrument :
BNA_F
ClientSampleId :

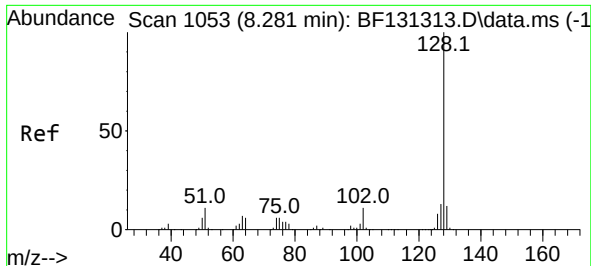
Tgt Ion:139 Resp: 63
Ion Ratio Lower Upper
139 100
109 431.3 29.9 44.9#
65 6101.7 55.7 83.5#



#27
2,4-Dimethylphenol
Concen: 2.666 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.129 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Tgt Ion:122 Resp: 11487
Ion Ratio Lower Upper
122 100
107 103.8 99.9 149.9
121 52.1 47.4 71.2

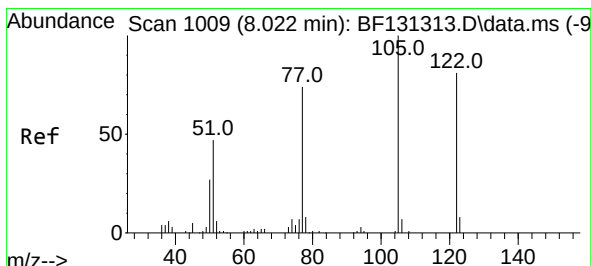
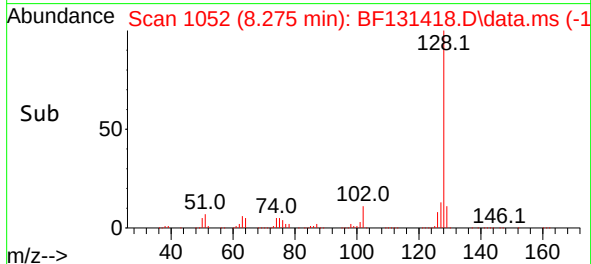
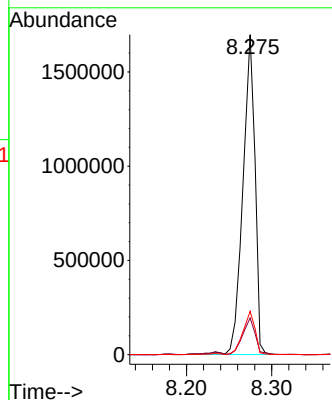
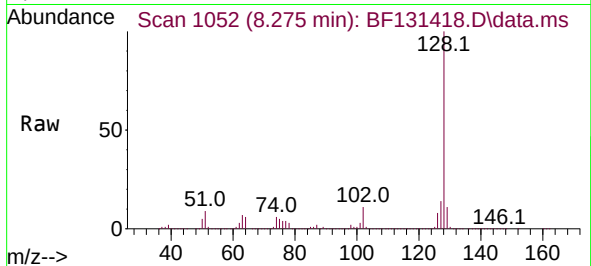




#31
Naphthalene
Concen: 100.182 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

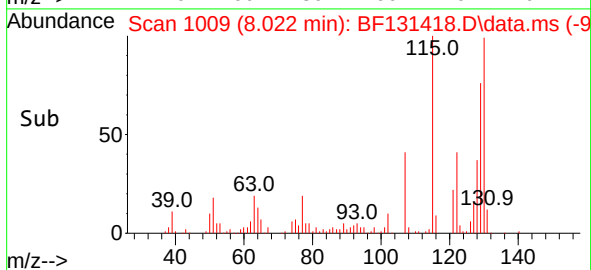
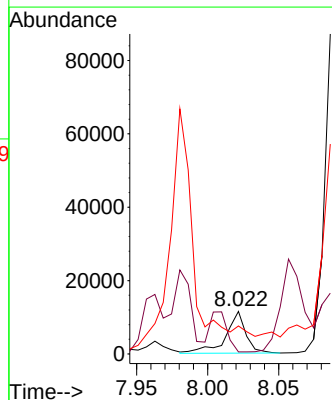
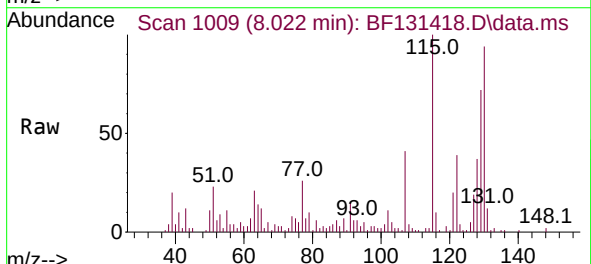
Instrument :
BNA_F
ClientSampleId :

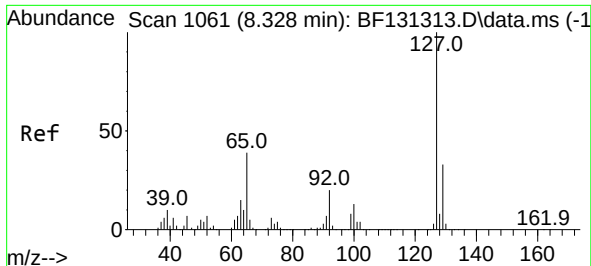
Tgt Ion:128 Resp: 1676189
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 9.897 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

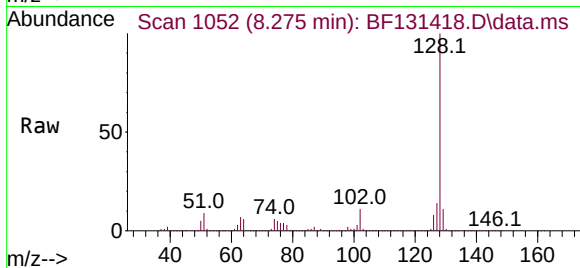
Tgt Ion:122 Resp: 11206
Ion Ratio Lower Upper
122 100
105 4.8 103.8 143.8#
77 66.0 74.3 114.3#



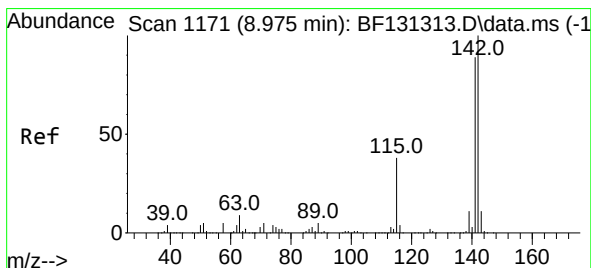
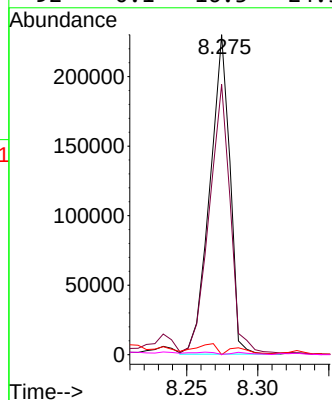
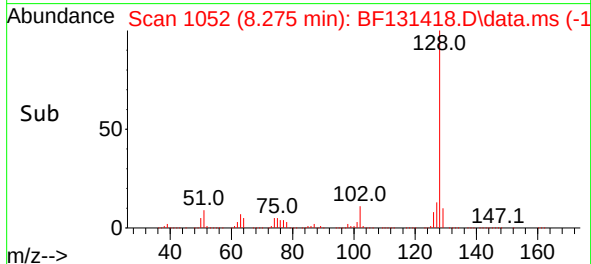


#33
4-Chloroaniline
Concen: 34.189 ng
RT: 8.275 min Scan# 1169
Delta R.T. -0.047 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Instrument :
BNA_F
ClientSampleId :

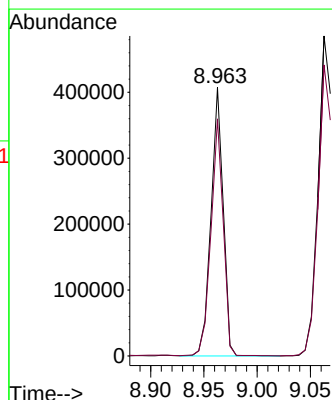
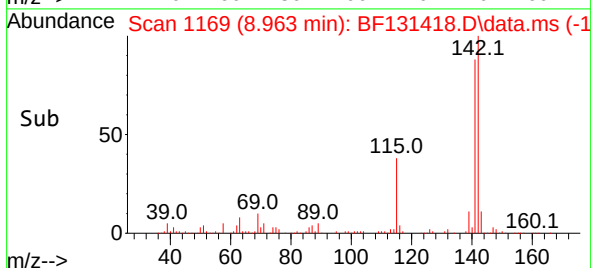
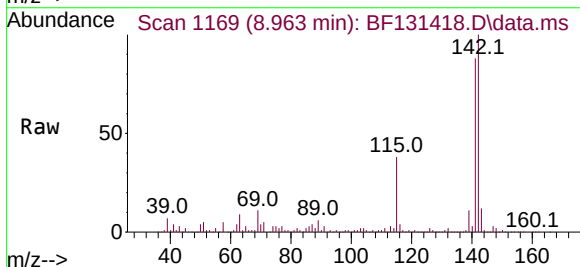


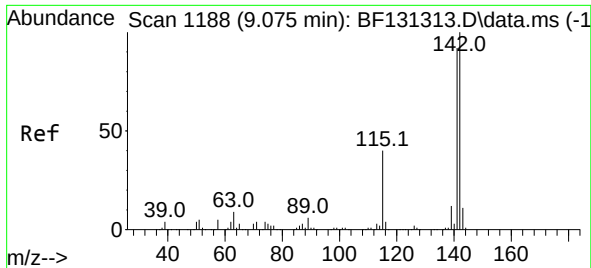
Tgt Ion:127 Resp: 225673
Ion Ratio Lower Upper
127 100
129 84.5 26.4 39.6#
65 0.0 31.0 46.6#
92 0.1 16.3 24.5#



#37
2-Methylnaphthalene
Concen: 28.742 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Tgt Ion:142 Resp: 325832
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4

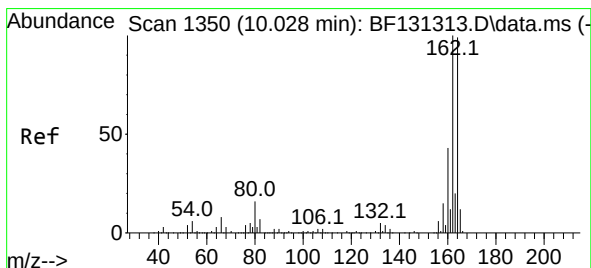
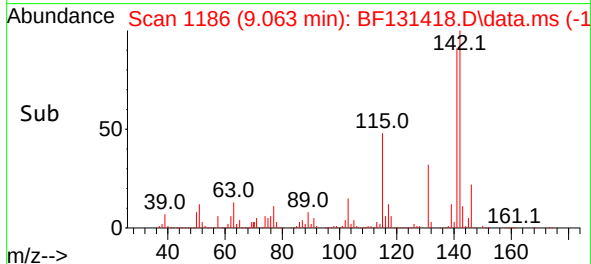
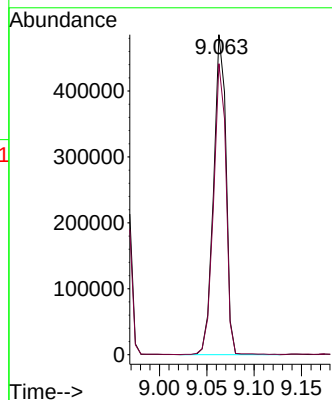
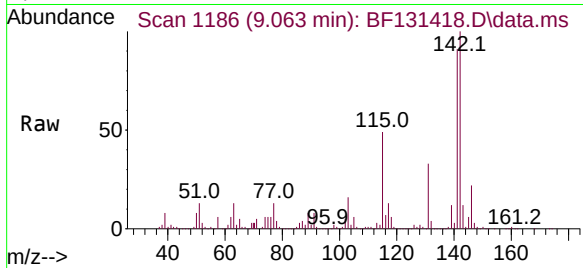




#38
1-Methylnaphthalene
Concen: 40.128 ng
RT: 9.063 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

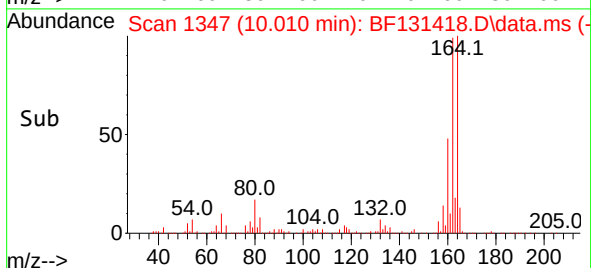
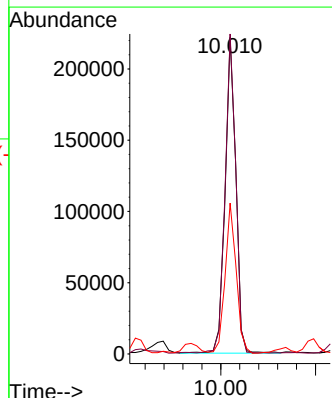
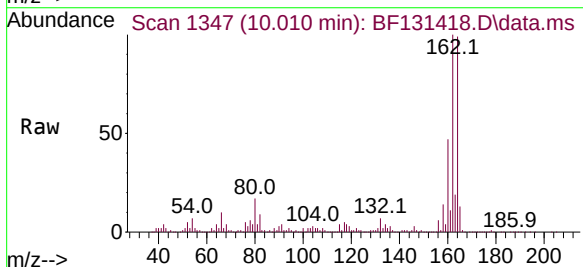
Instrument :
BNA_F
ClientSampleId :

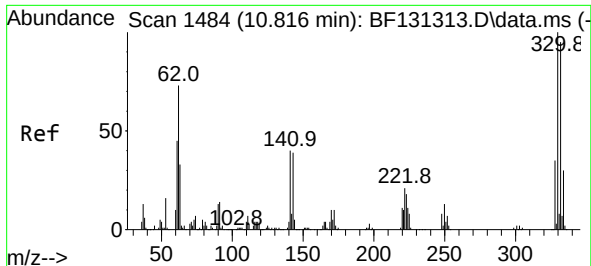
Tgt Ion:142 Resp: 441128
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

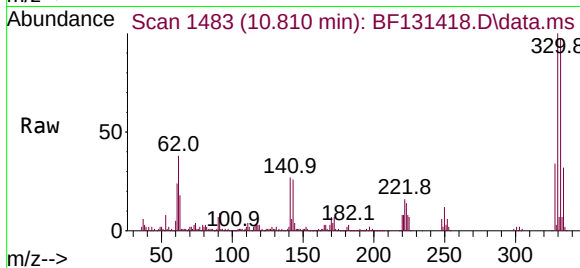
Tgt Ion:164 Resp: 176147
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 47.7 34.4 51.6



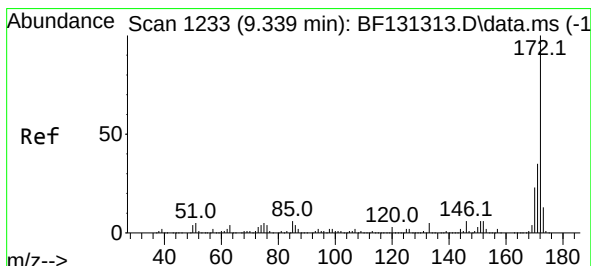
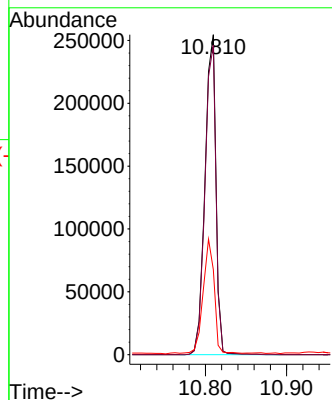
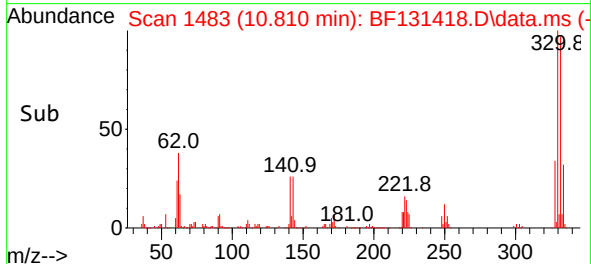


#42
2,4,6-Tribromophenol
Concen: 161.042 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Instrument :
BNA_F
ClientSampleId :

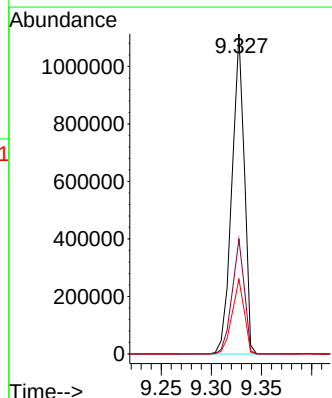
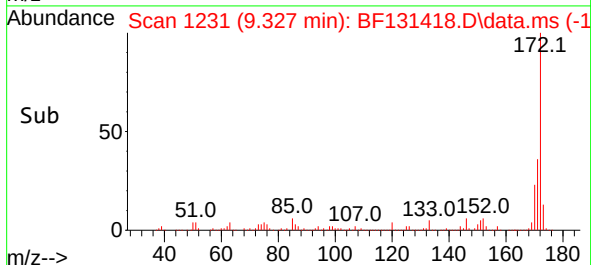
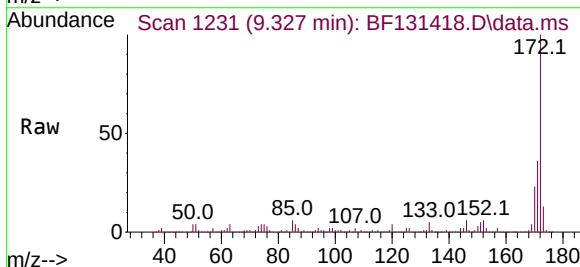


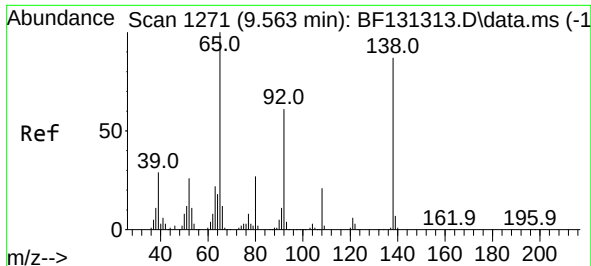
Tgt Ion:330 Resp: 238654
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 35.4 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 79.359 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Tgt Ion:172 Resp: 960860
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.4 18.7 28.1

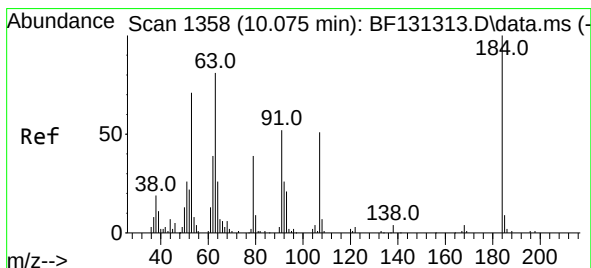
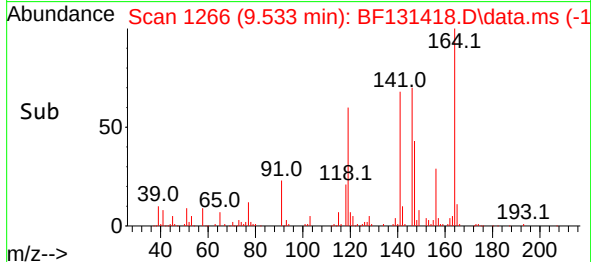
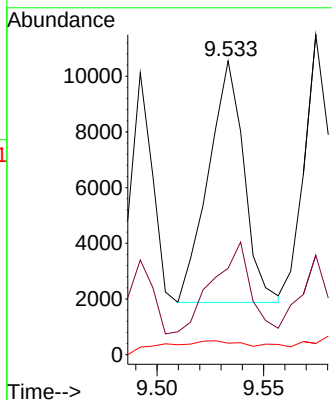
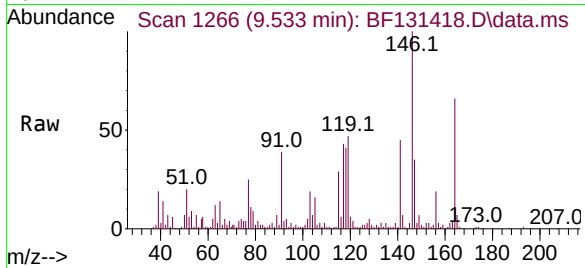




#48
2-Nitroaniline
Concen: 3.075 ng
RT: 9.533 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

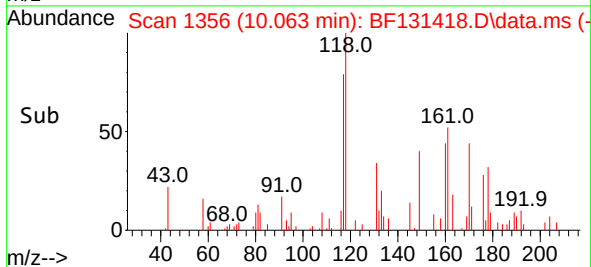
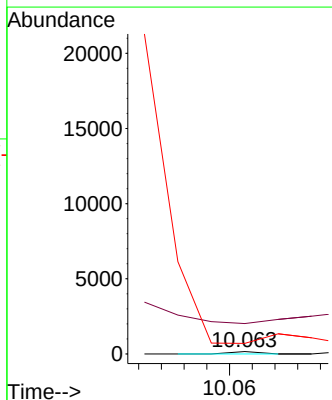
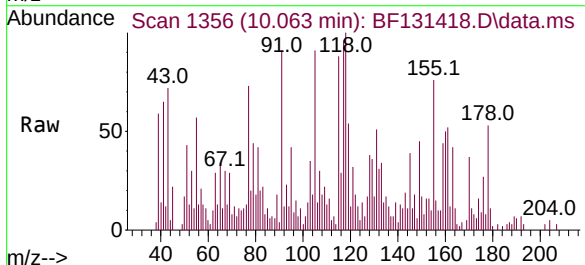
Instrument :
BNA_F
ClientSampleId :

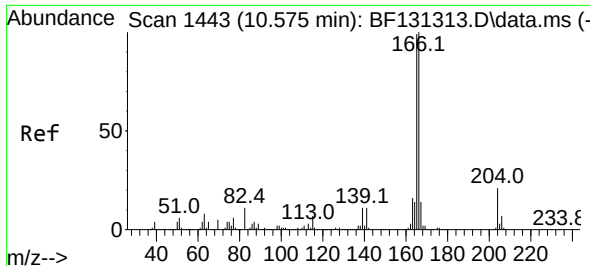
Tgt Ion: 65 Resp: 10068
Ion Ratio Lower Upper
65 100
92 29.4 49.0 73.4#
138 3.9 69.4 104.2#



#54
2,4-Dinitrophenol
Concen: 4.962 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.012 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 1249.4 72.1 108.1#
154 436.4 56.3 84.5#

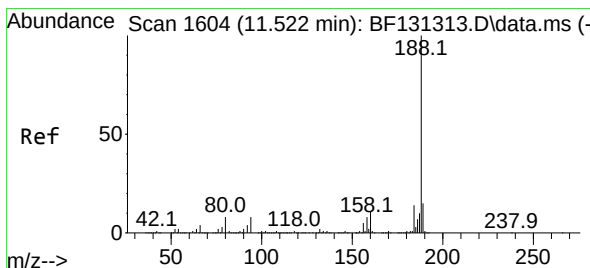
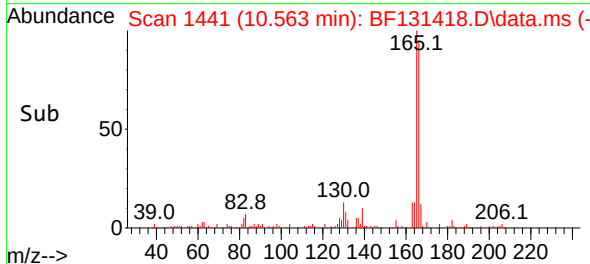
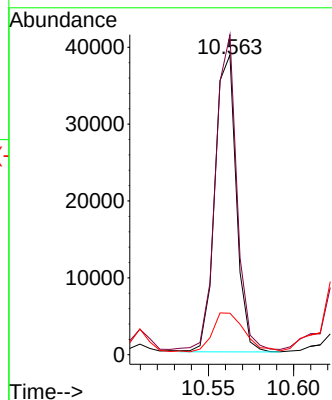
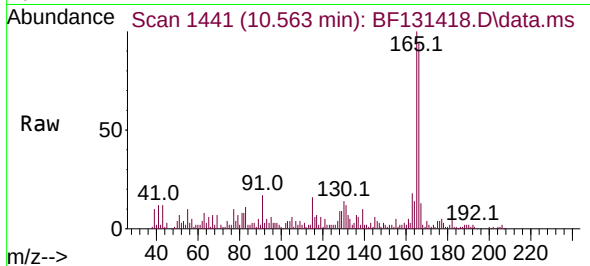




#58
 Fluorene
 Concen: 2.917 ng
 RT: 10.563 min Scan# 1443
 Delta R.T. -0.006 min
 Lab File: BF131418.D
 Acq: 26 Nov 2022 03:12

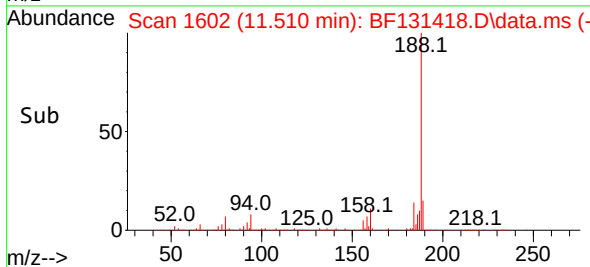
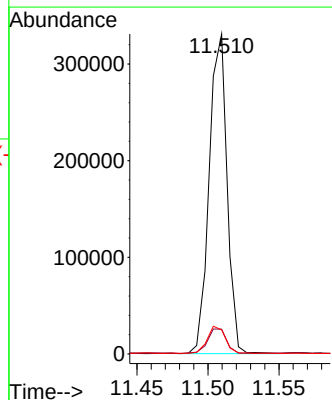
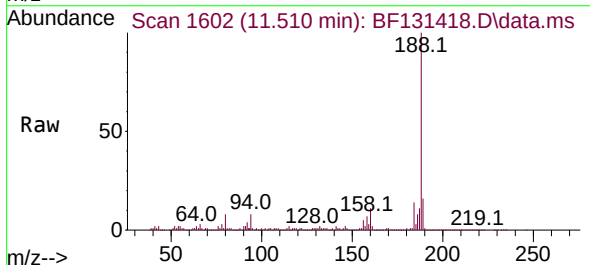
Instrument :
 BNA_F
 ClientSampleId :

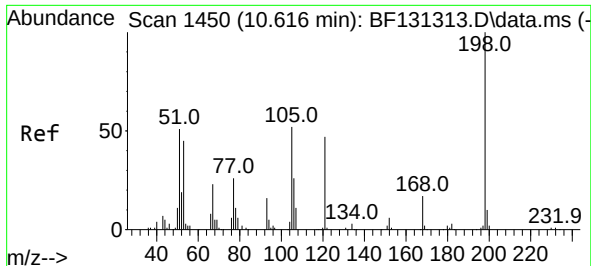
Tgt Ion:166 Resp: 33714
 Ion Ratio Lower Upper
 166 100
 165 106.7 79.0 118.4
 167 13.8 10.9 16.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. -0.006 min
 Lab File: BF131418.D
 Acq: 26 Nov 2022 03:12

Tgt Ion:188 Resp: 290596
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.3 9.5
 80 7.6 6.8 10.2

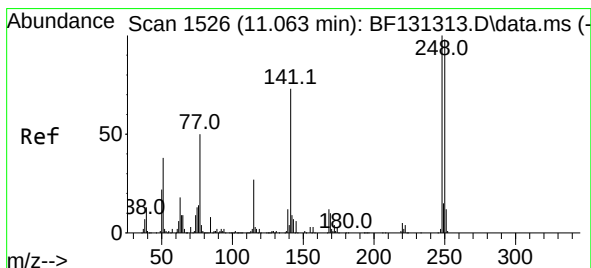
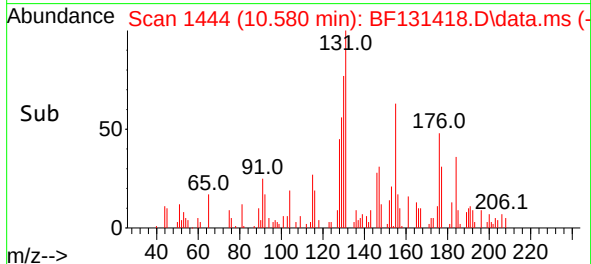
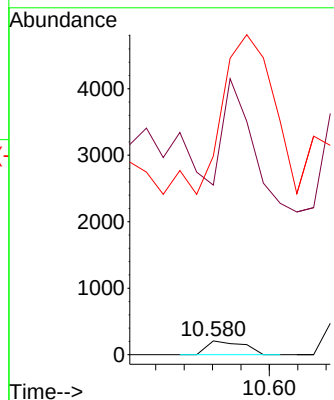
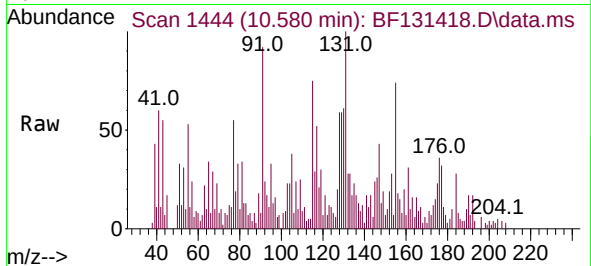




#65
4,6-Dinitro-2-methylphenol
Concen: 4.740 ng
RT: 10.580 min Scan# 1450
Delta R.T. -0.029 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

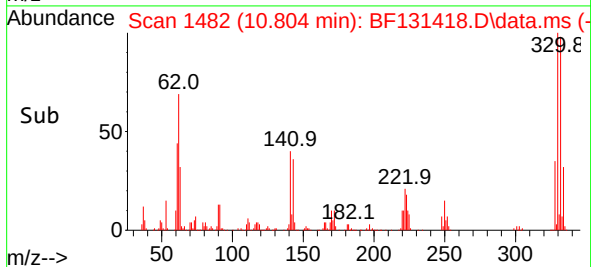
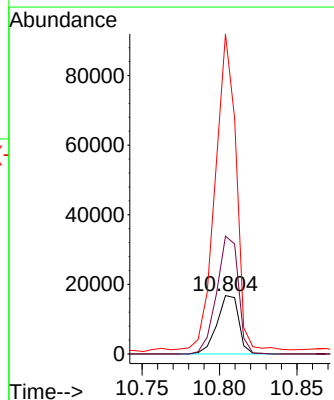
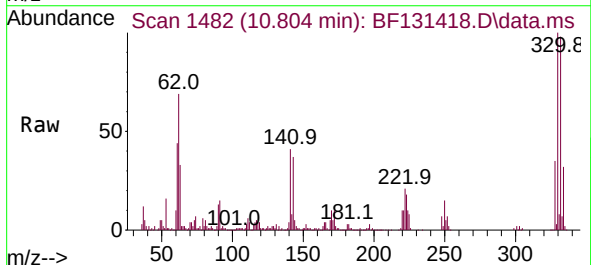
Instrument :
BNA_F
ClientSampleId :

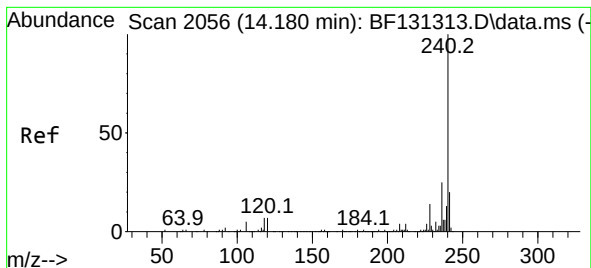
Tgt Ion:198 Resp: 186
Ion Ratio Lower Upper
198 100
51 1232.9 50.1 90.1#
105 1442.5 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.596 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Tgt Ion:248 Resp: 16369
Ion Ratio Lower Upper
248 100
250 201.7 78.3 117.5#
141 548.1 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.162 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BF131418.D

Acq: 26 Nov 2022 03:12

Instrument :

BNA_F

ClientSampleId :

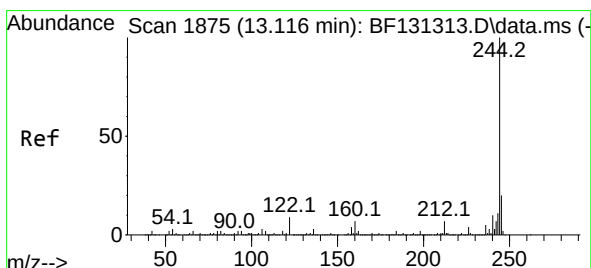
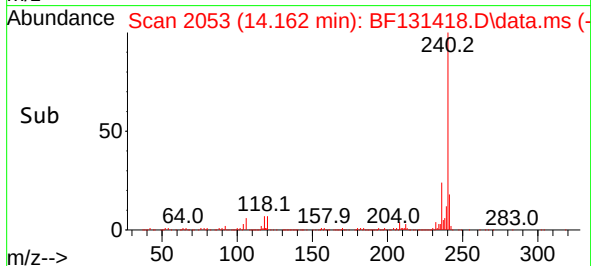
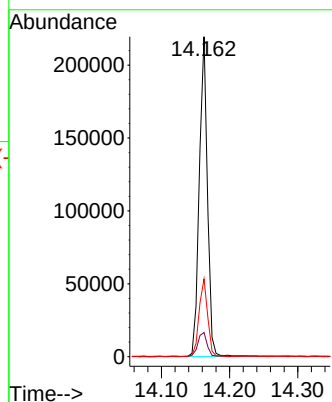
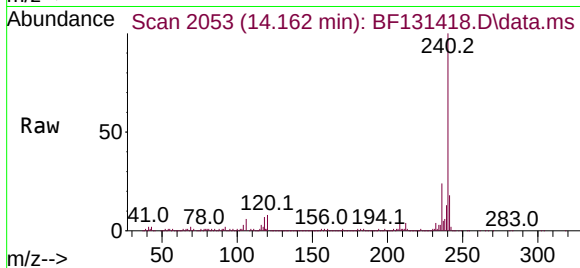
Tgt Ion:240 Resp: 182426

Ion Ratio Lower Upper

240 100

120 7.5 5.8 8.8

236 24.3 20.3 30.5



#79

Terphenyl-d14

Concen: 71.741 ng

RT: 13.104 min Scan# 1873

Delta R.T. -0.006 min

Lab File: BF131418.D

Acq: 26 Nov 2022 03:12

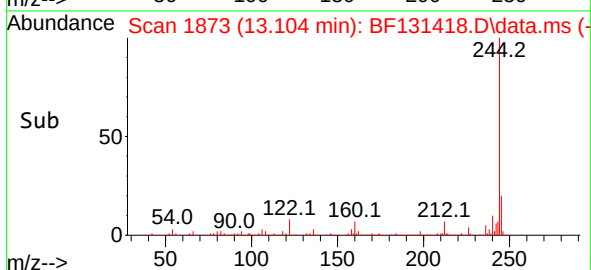
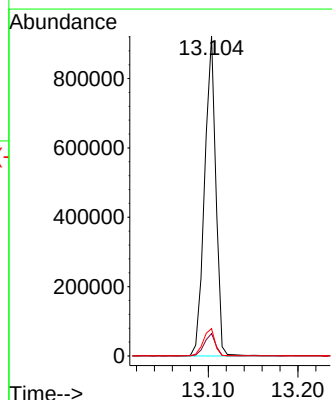
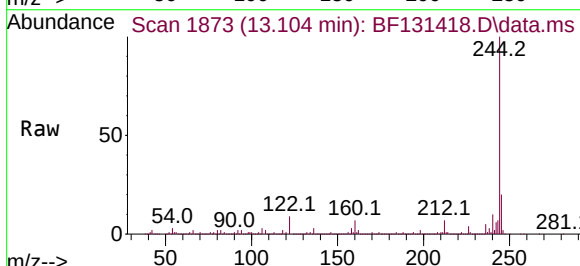
Tgt Ion:244 Resp: 800319

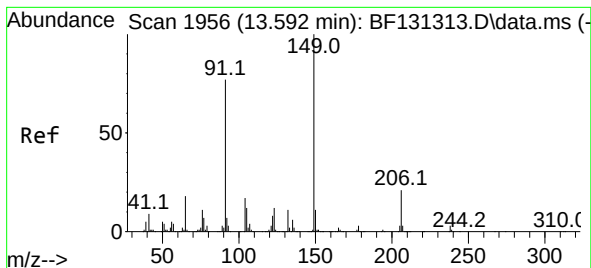
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 8.5 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.226 ng

RT: 13.574 min Scan# 1956

Delta R.T. -0.012 min

Lab File: BF131418.D

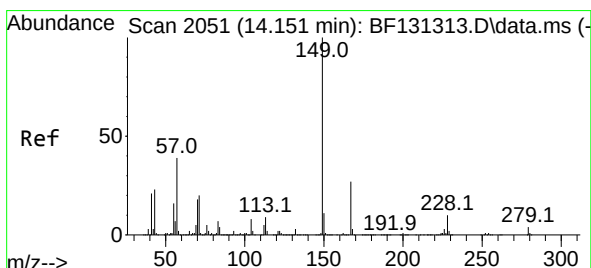
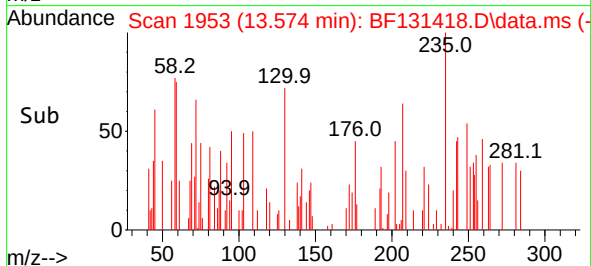
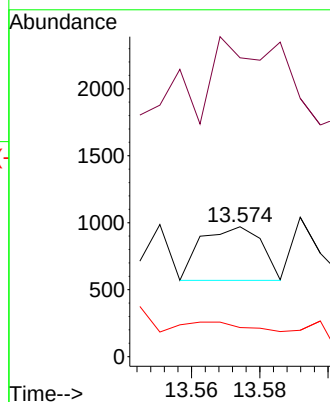
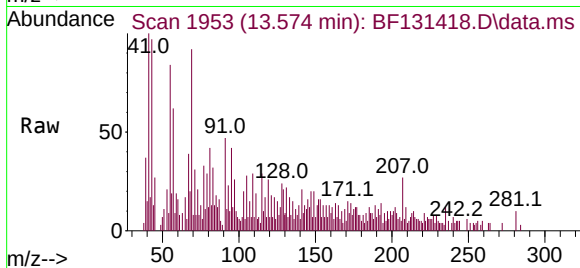
Acq: 26 Nov 2022 03:12

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	489
Ion Ratio	Lower	Upper	
149	100		
91	230.0	61.9	92.9#
206	22.4	16.5	24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.910 ng

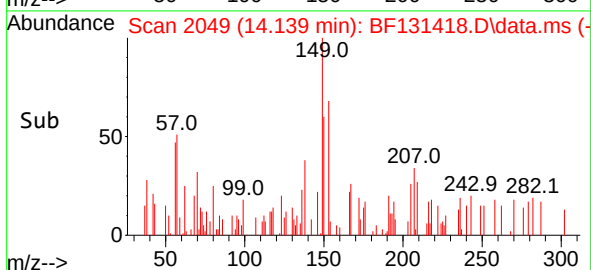
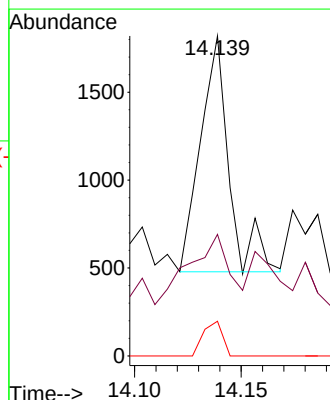
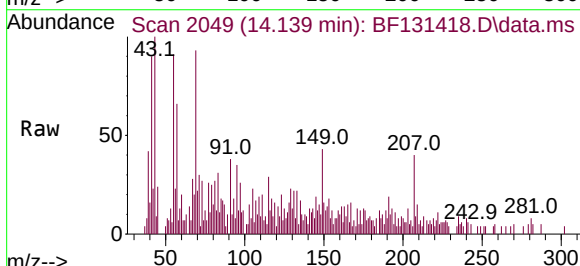
RT: 14.139 min Scan# 2049

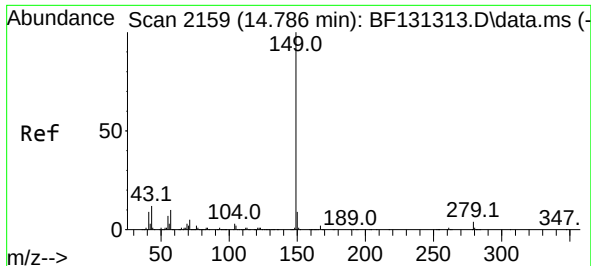
Delta R.T. -0.006 min

Lab File: BF131418.D

Acq: 26 Nov 2022 03:12

Tgt Ion:	149	Resp:	1252
Ion Ratio	Lower	Upper	
149	100		
167	38.0	21.9	32.9#
279	10.8	3.0	4.4#

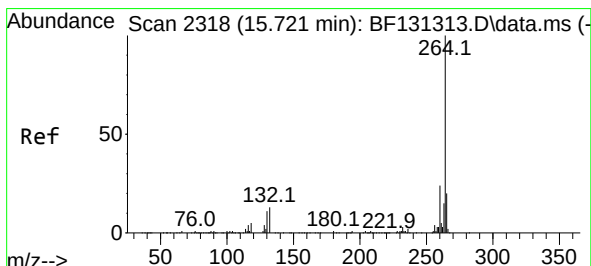
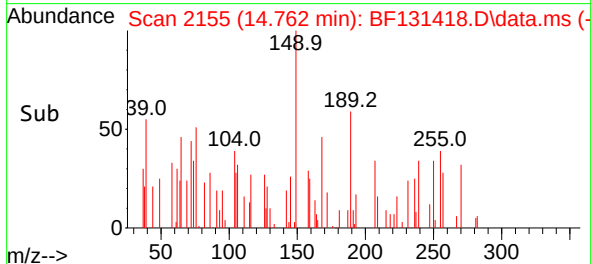
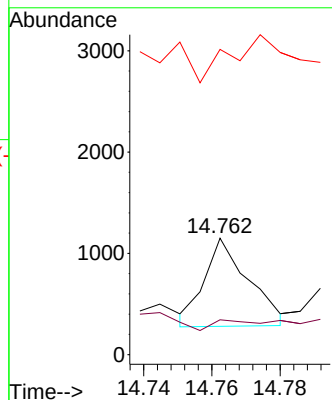
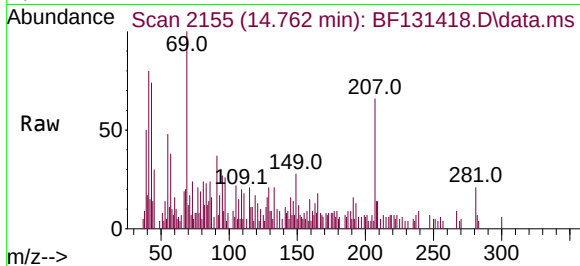




#85
Di-n-octyl phthalate
Concen: 3.989 ng
RT: 14.762 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 784
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 74.7 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.703 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Tgt Ion:264 Resp: 198159
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.4
265 20.6 16.4 24.6

