

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
 Data File : BF132083.D
 Acq On : 16 Jan 2023 22:39
 Operator : CG\JU
 Sample : PB150221BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150221BL

Quant Time: Jan 17 06:50:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 01:48:42 2023
 Response via : Initial Calibration

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

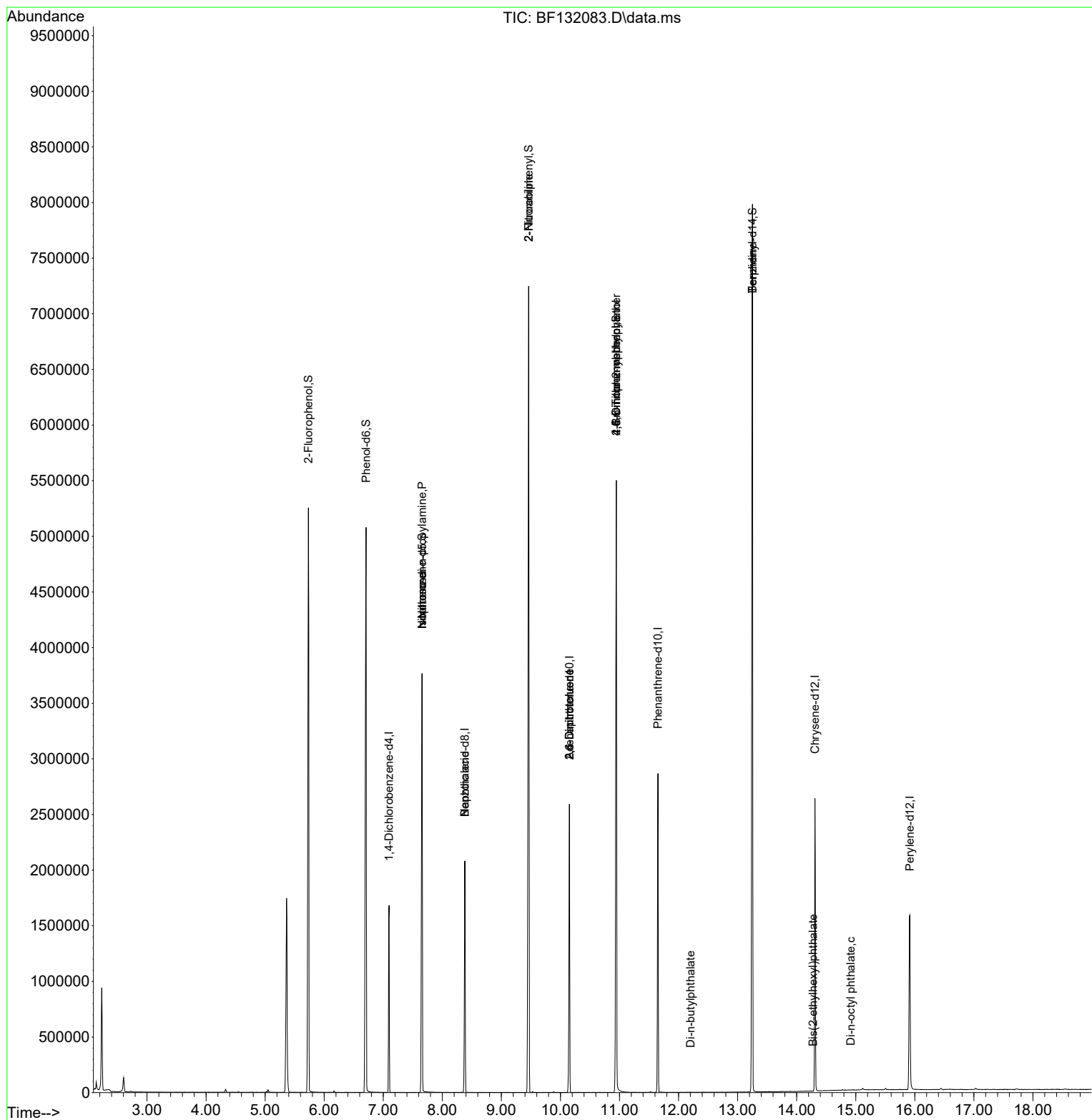
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	264214	20.000	ng	0.00
21) Naphthalene-d8	8.380	136	986618	20.000	ng	0.00
39) Acenaphthene-d10	10.151	164	537734	20.000	ng	0.00
64) Phenanthrene-d10	11.651	188	1034024	20.000	ng	0.00
76) Chrysene-d12	14.310	240	870954	20.000	ng	0.00
86) Perylene-d12	15.915	264	813424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	1730768	117.643	ng	0.02
7) Phenol-d6	6.710	99	2188586	119.293	ng	0.00
23) Nitrobenzene-d5	7.657	82	1424486	98.823	ng	0.00
42) 2,4,6-Tribromophenol	10.945	330	711199	138.446	ng	0.00
45) 2-Fluorobiphenyl	9.463	172	2643149	76.400	ng	0.00
79) Terphenyl-d14	13.251	244	3186167	69.510	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.657	70	188850	18.397	ng	# 82
25) Isophorone	7.657	82	1424471	42.090	ng	# 67
32) Benzoic acid	8.380	122	185	4.802	ng	# 1
48) 2-Nitroaniline	9.463	65	4605	7.888	ng	# 1
51) 2,6-Dinitrotoluene	10.151	165	69569	13.738	ng	# 21
57) 2,4-Dinitrotoluene	10.151	165	69569	12.897	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.945	198	2113	6.648	ng	# 1
67) 4-Bromophenyl-phenylether	10.945	248	45298	4.024	ng	# 1
74) Di-n-butylphthalate	12.204	149	1353	5.711	ng	# 78
77) Benzidine	13.251	184	54069	3.704	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.280	149	195	6.737	ng	# 54
85) Di-n-octyl phthalate	14.915	149	84	8.910	ng	# 1

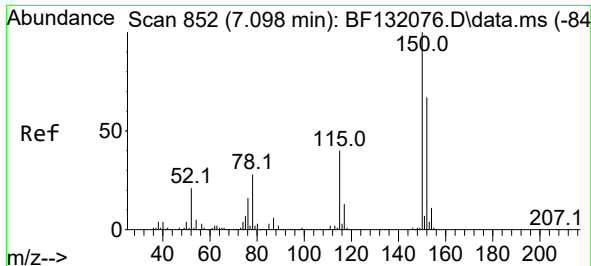
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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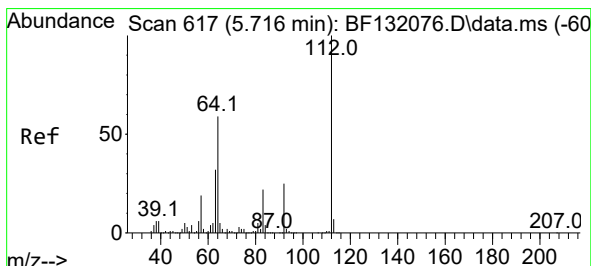
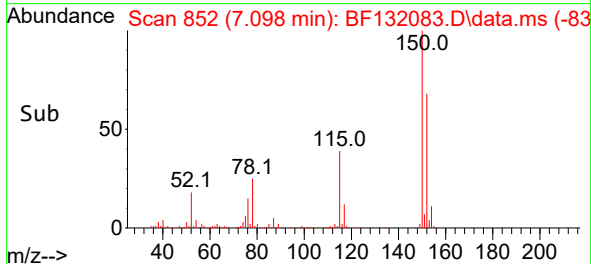
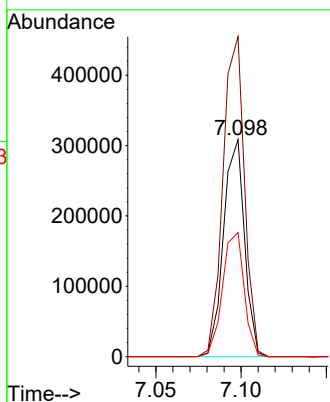
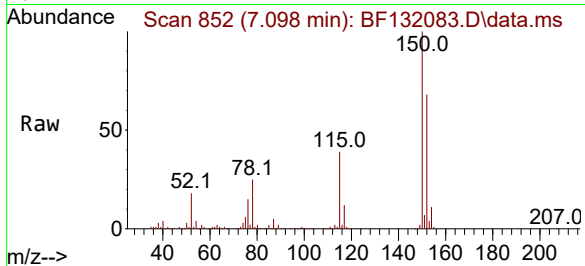




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

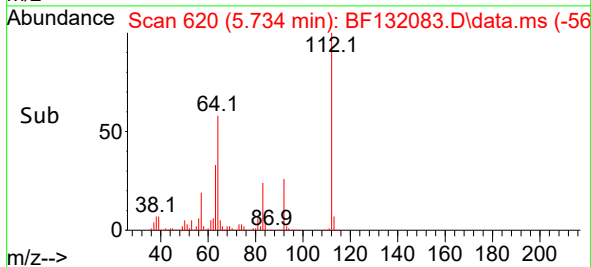
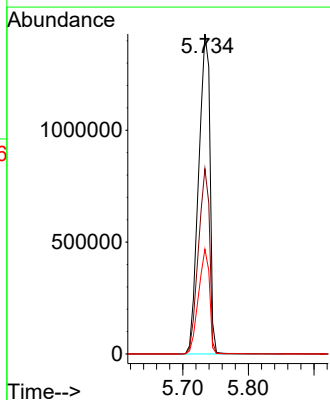
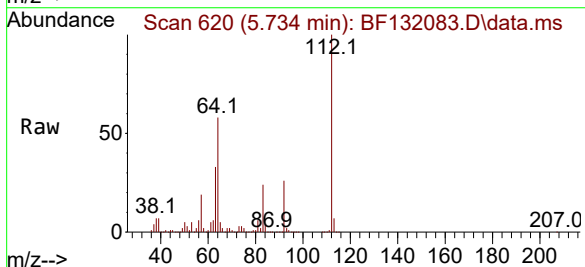
Instrument :
BNA_F
ClientSampleId :
PB150221BL

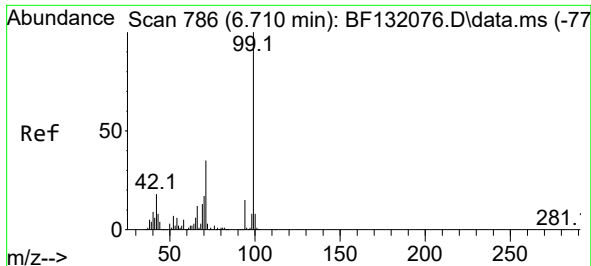
Tgt Ion:152 Resp: 264214
Ion Ratio Lower Upper
152 100
150 147.4 118.6 178.0
115 57.2 47.0 70.6



#5
2-Fluorophenol
Concen: 117.643 ng
RT: 5.734 min Scan# 620
Delta R.T. 0.018 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

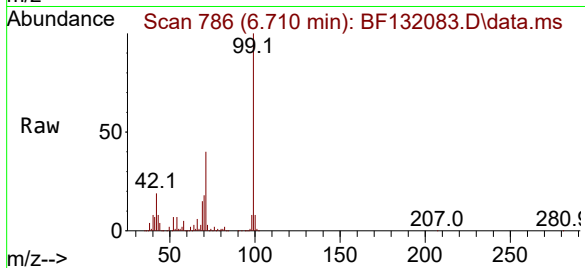
Tgt Ion:112 Resp: 1730768
Ion Ratio Lower Upper
112 100
64 57.9 46.9 70.3
63 32.7 25.6 38.4





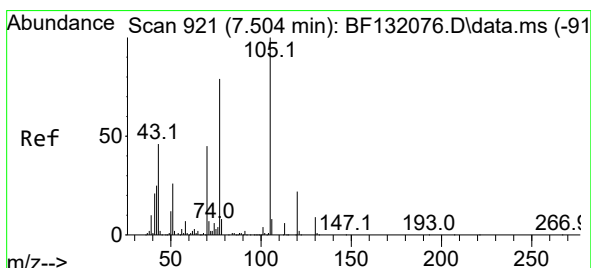
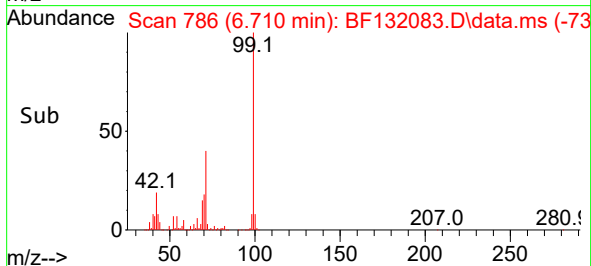
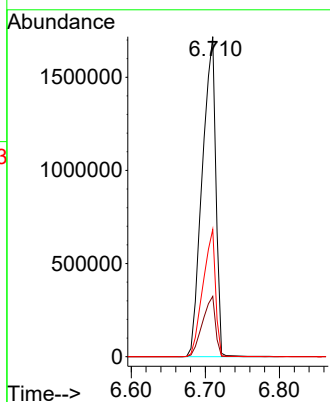
#7
Phenol-d6
Concen: 119.293 ng
RT: 6.710 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Instrument :
BNA_F
ClientSampleId :
PB150221BL

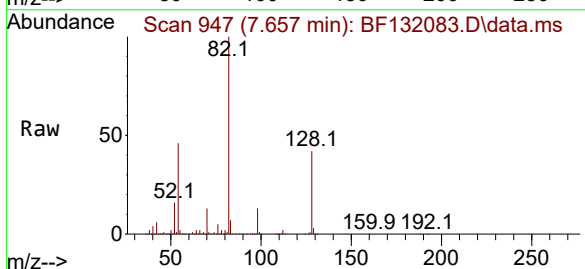


Tgt Ion: 99 Resp: 2188586

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.0	21.0
71	39.8	28.2	42.4

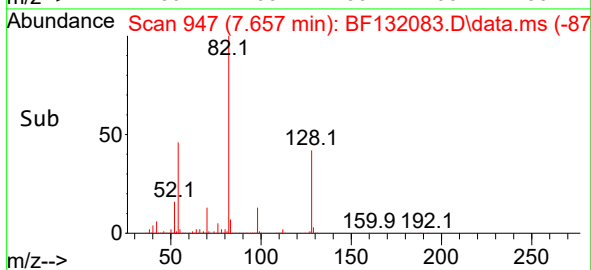
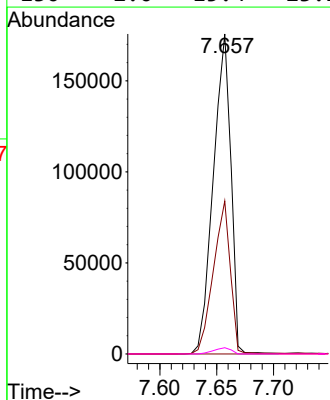


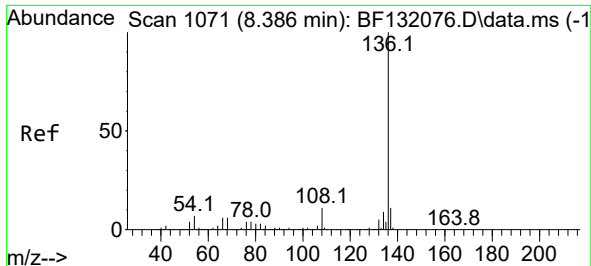
#19
n-Nitroso-di-n-propylamine
Concen: 18.397 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.153 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39



Tgt Ion: 70 Resp: 188850

Ion	Ratio	Lower	Upper
70	100		
42	47.8	44.2	66.4
101	0.0	7.4	11.0#
130	2.0	15.4	23.2#

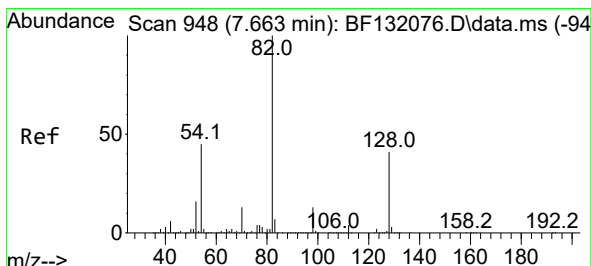
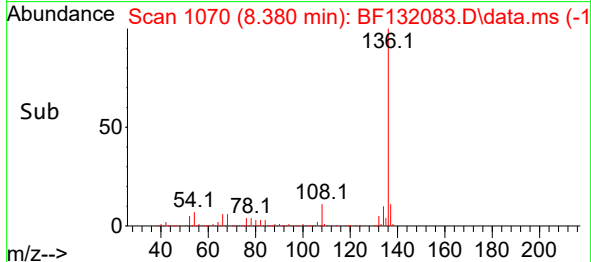
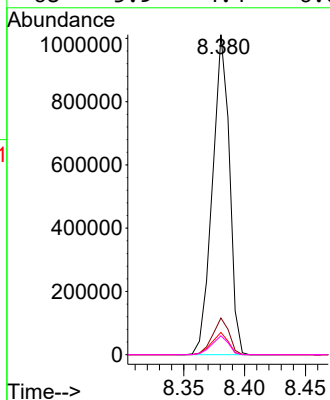
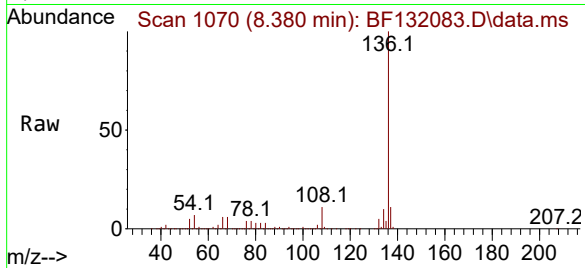




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.380 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

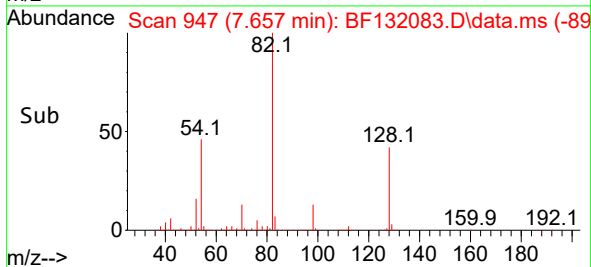
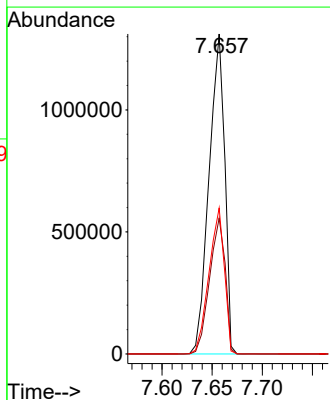
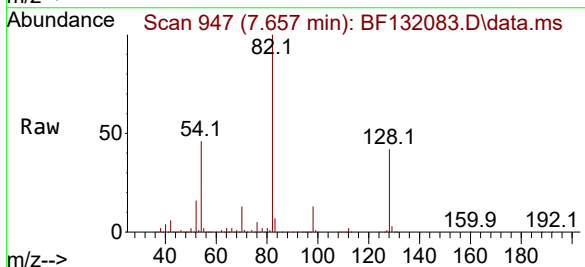
Instrument :
BNA_F
ClientSampleId :
PB150221BL

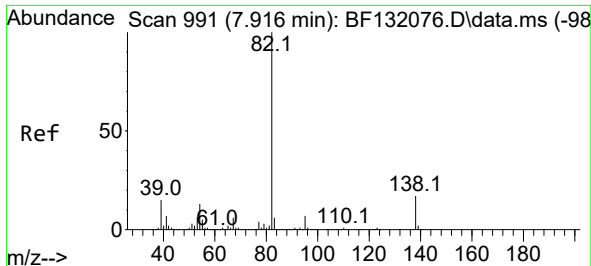
Tgt Ion:	136	Resp:	986618
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.0	5.3	7.9
68	5.9	4.4	6.6



#23
Nitrobenzene-d5
Concen: 98.823 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Tgt Ion:	82	Resp:	1424486
Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.6	48.8
54	45.6	36.0	54.0

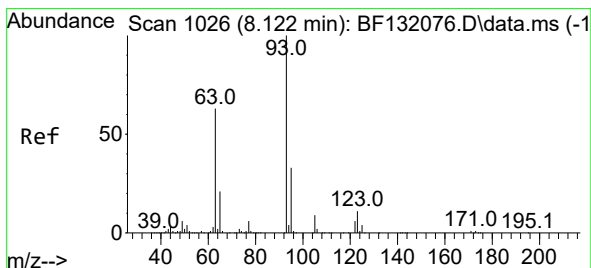
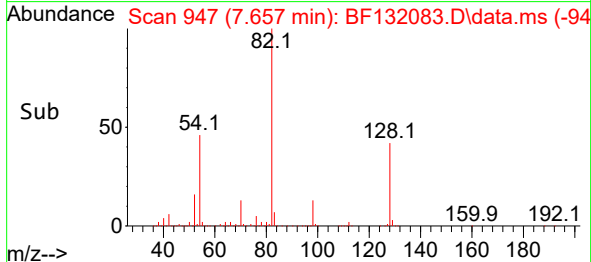
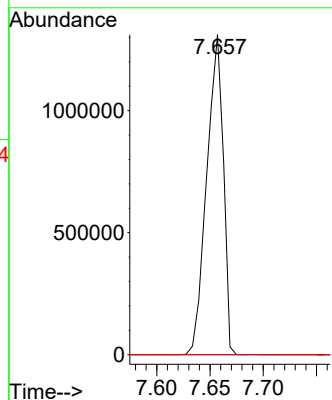
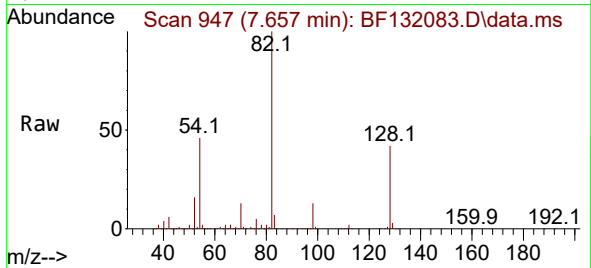




#25
Isophorone
Concen: 42.090 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

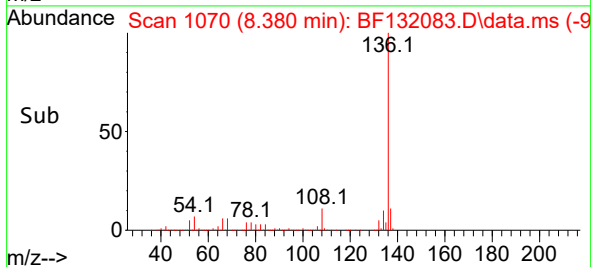
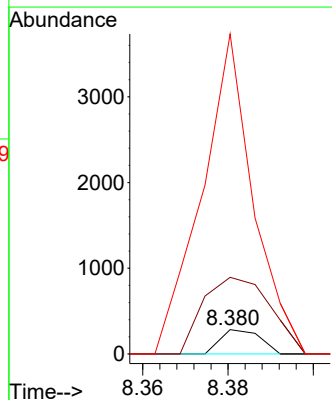
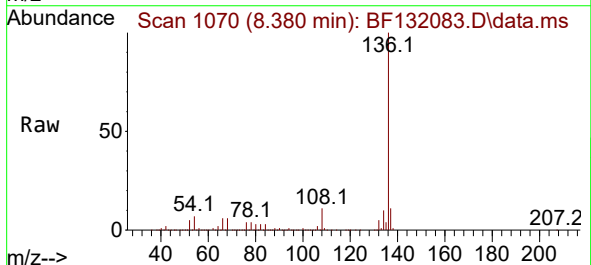
Instrument :
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ClientSampleId :
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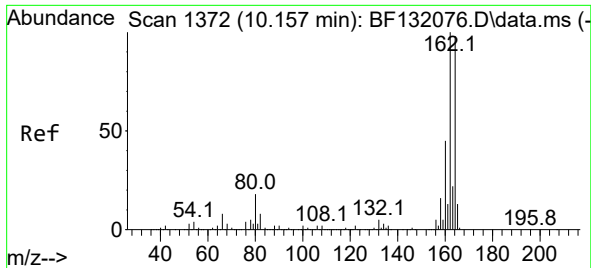
Tgt Ion: 82 Resp: 1424471
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 4.802 ng
RT: 8.380 min Scan# 1070
Delta R.T. 0.258 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Tgt Ion: 122 Resp: 185
Ion Ratio Lower Upper
122 100
105 316.3 105.1 145.1#
77 1319.1 74.0 114.0#

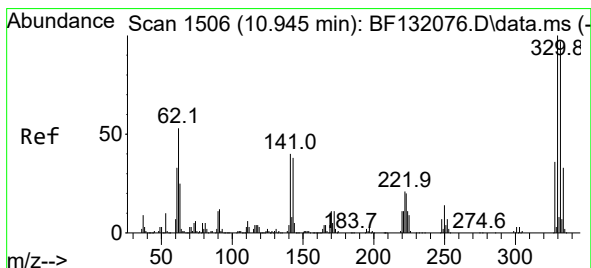
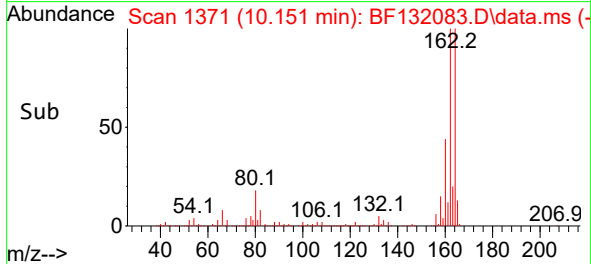
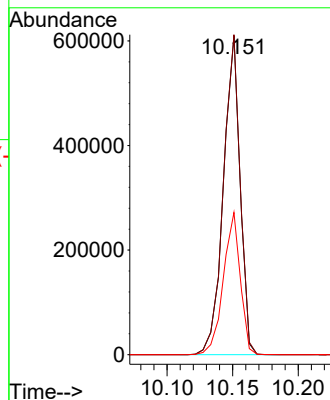
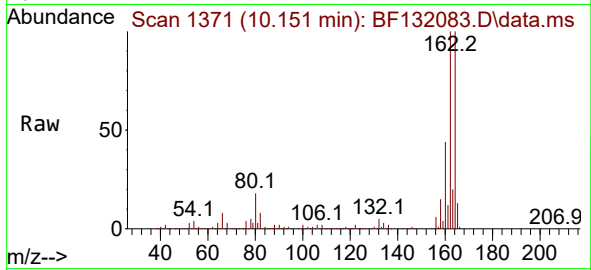




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

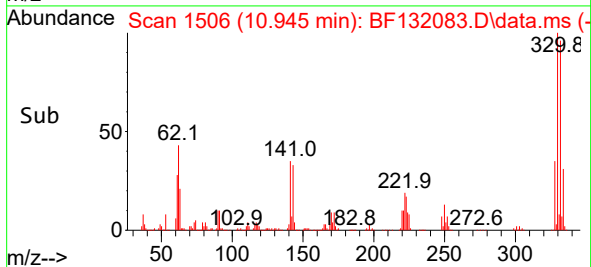
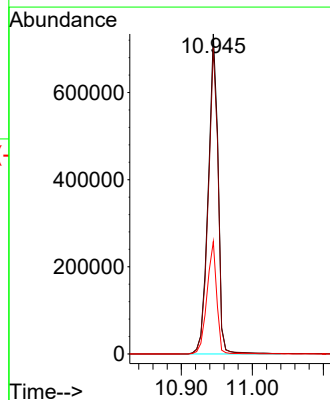
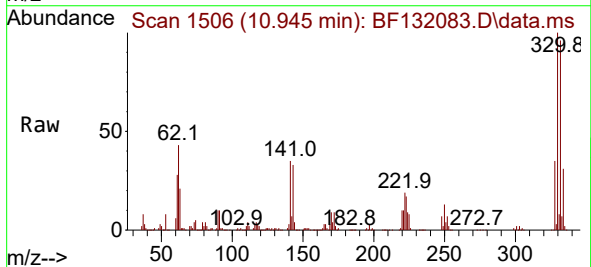
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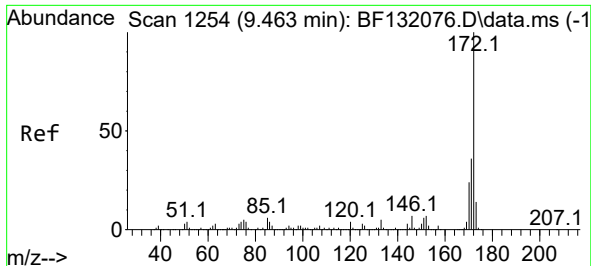
Tgt Ion:164 Resp: 537734
Ion Ratio Lower Upper
164 100
162 100.4 81.5 122.3
160 44.6 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 138.446 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Tgt Ion:330 Resp: 711199
Ion Ratio Lower Upper
330 100
332 96.0 77.9 116.9
141 34.7 29.2 43.8

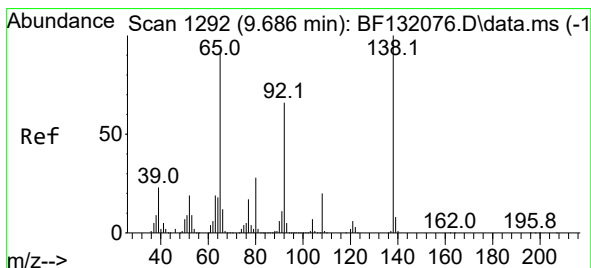
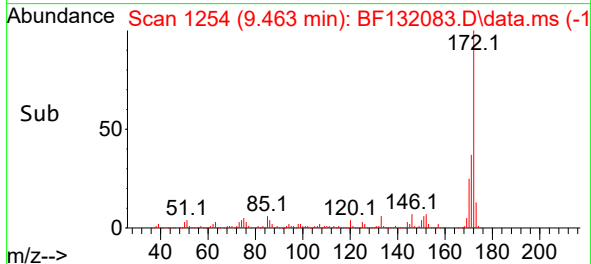
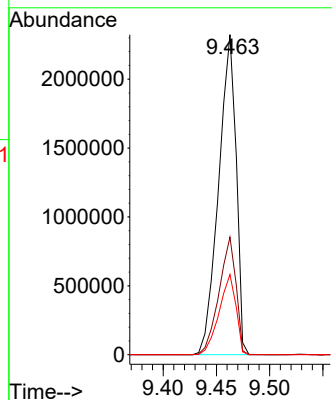
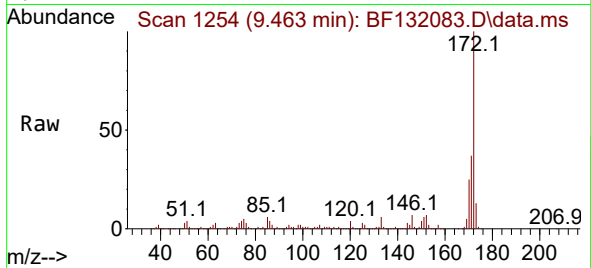




#45
2-Fluorobiphenyl
Concen: 76.400 ng
RT: 9.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

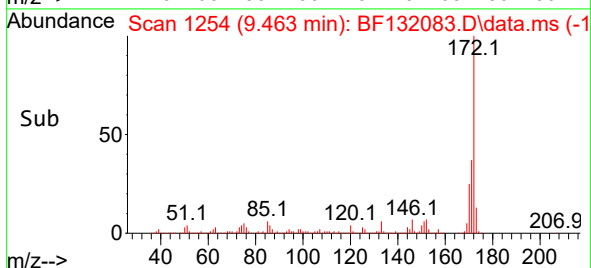
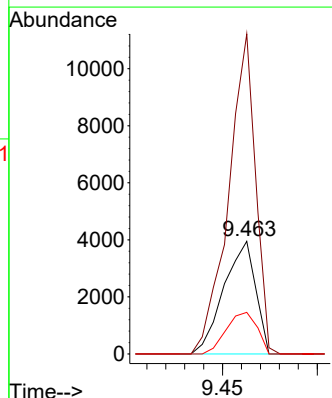
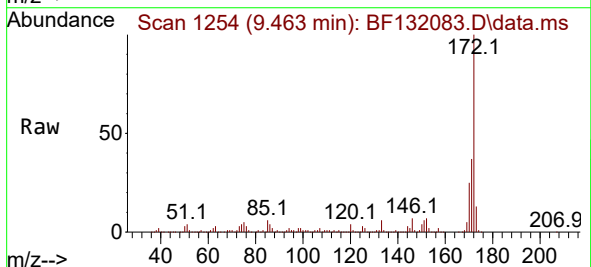
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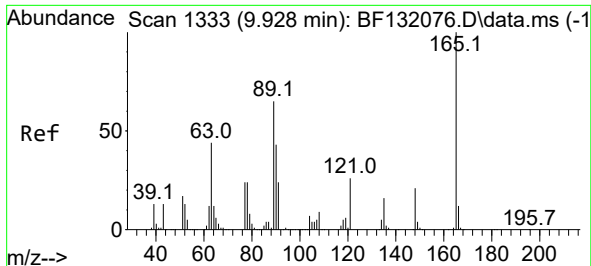
Tgt Ion:172 Resp: 2643149
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 25.1 19.5 29.3



#48
2-Nitroaniline
Concen: 7.888 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.223 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Tgt Ion: 65 Resp: 4605
Ion Ratio Lower Upper
65 100
92 284.0 57.8 86.6#
138 36.9 88.2 132.4#

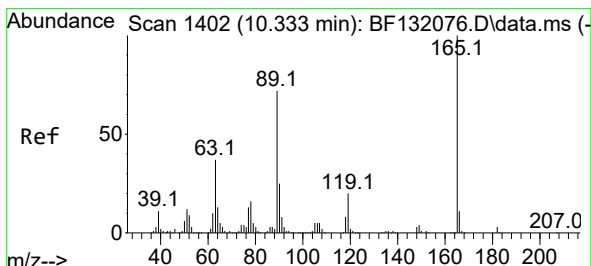
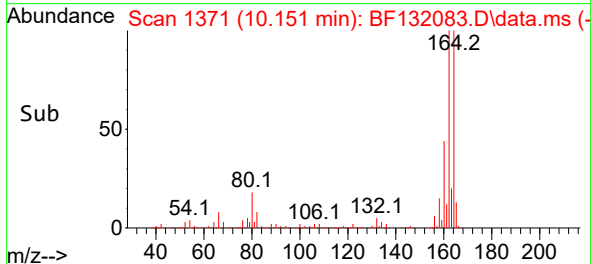
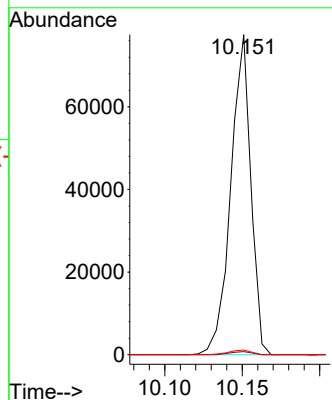
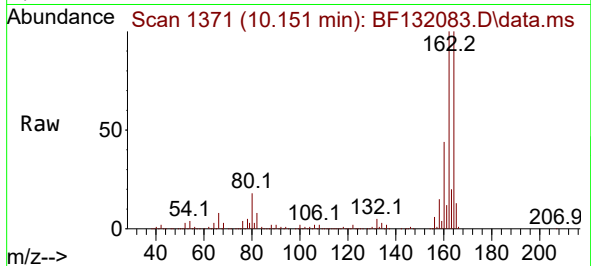




#51
2,6-Dinitrotoluene
Concen: 13.738 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

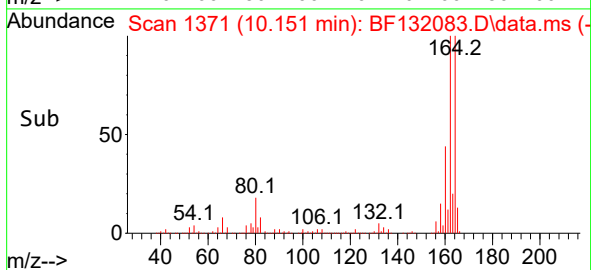
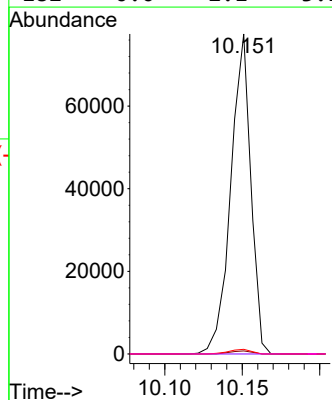
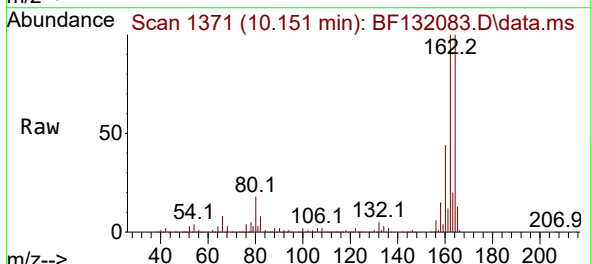
Instrument :
BNA_F
ClientSampleId :
PB150221BL

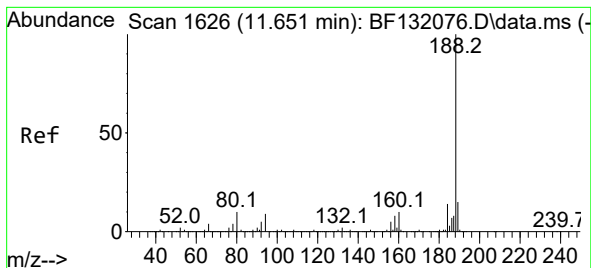
Tgt Ion:165 Resp: 69569
Ion Ratio Lower Upper
165 100
63 0.9 45.7 68.5#
89 1.5 52.5 78.7#



#57
2,4-Dinitrotoluene
Concen: 12.897 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.182 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Tgt Ion:165 Resp: 69569
Ion Ratio Lower Upper
165 100
63 0.9 29.5 44.3#
89 1.5 57.8 86.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.651 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132083.D

Acq: 16 Jan 2023 22:39

Instrument :

BNA_F

ClientSampleId :

PB150221BL

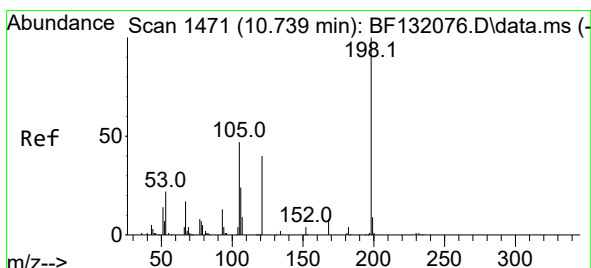
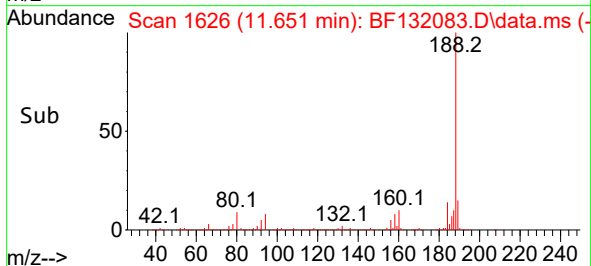
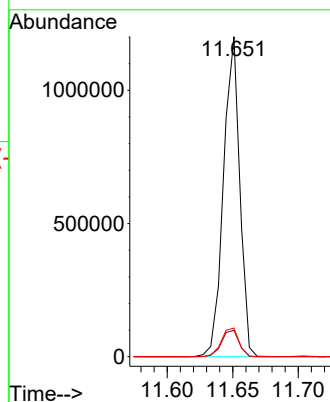
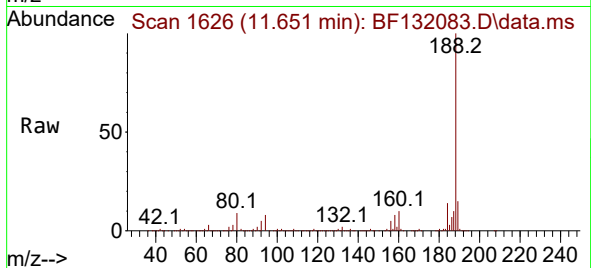
Tgt Ion:188 Resp: 1034024

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

80 9.0 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 6.648 ng

RT: 10.945 min Scan# 1506

Delta R.T. 0.206 min

Lab File: BF132083.D

Acq: 16 Jan 2023 22:39

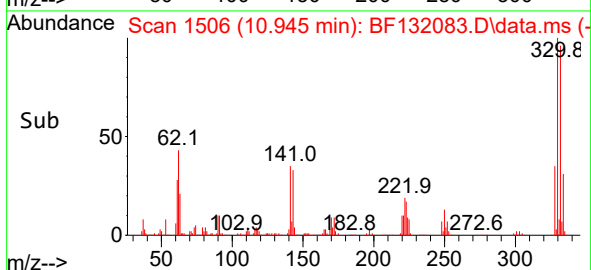
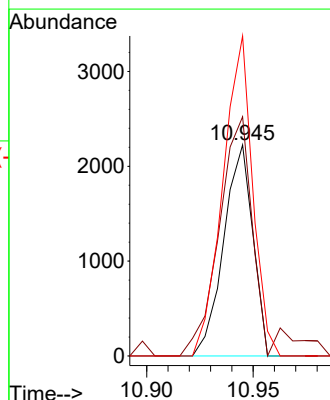
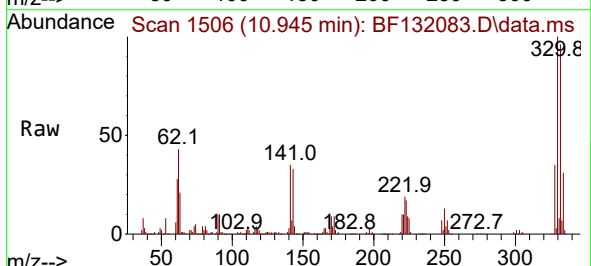
Tgt Ion:198 Resp: 2113

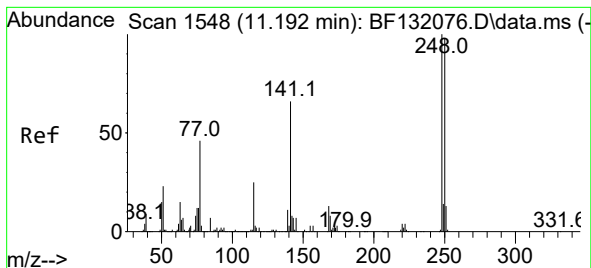
Ion Ratio Lower Upper

198 100

51 113.3 20.4 60.4#

105 151.6 28.0 68.0#

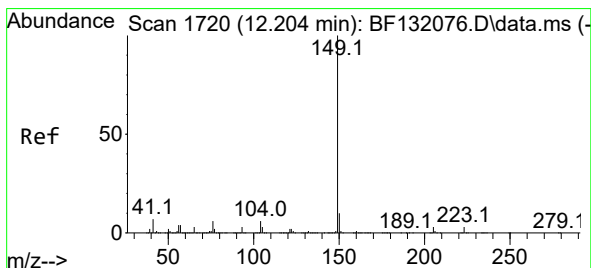
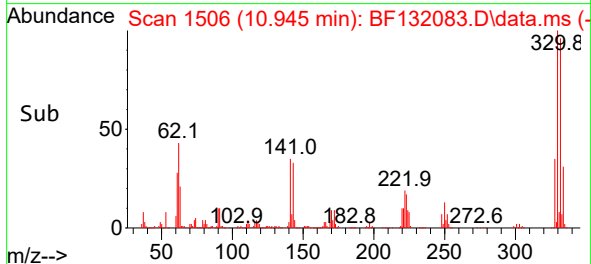
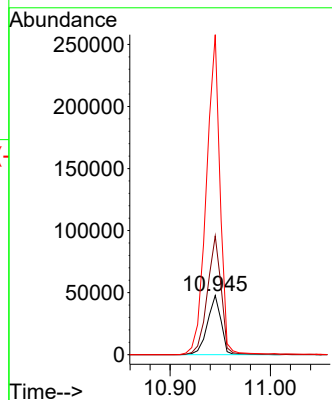
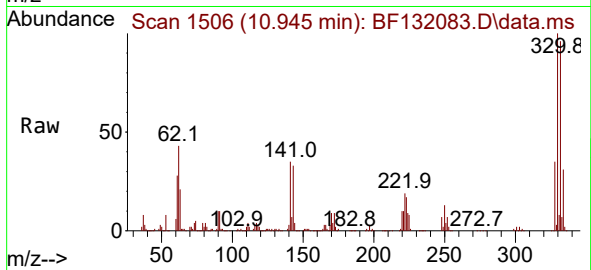




#67
4-Bromophenyl-phenylether
Concen: 4.024 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.247 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

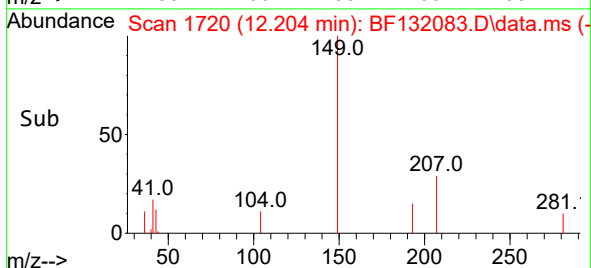
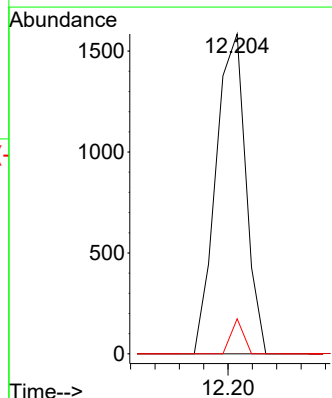
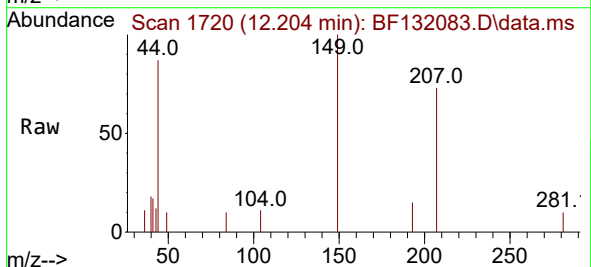
Instrument :
BNA_F
ClientSampleId :
PB150221BL

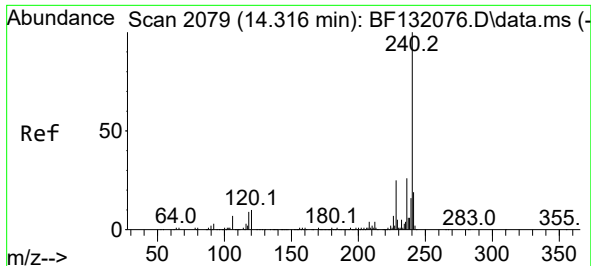
Tgt Ion:248 Resp: 45298
Ion Ratio Lower Upper
248 100
250 200.4 78.2 117.4#
141 539.8 53.2 79.8#



#74
Di-n-butylphthalate
Concen: 5.711 ng
RT: 12.204 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Tgt Ion:149 Resp: 1353
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 11.0 4.6 6.8#

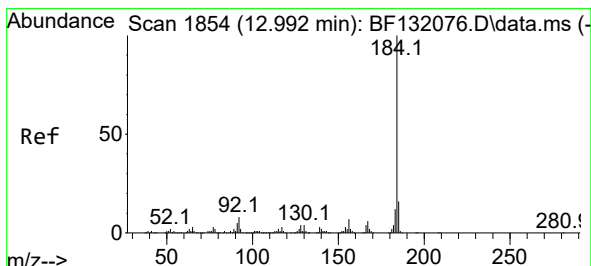
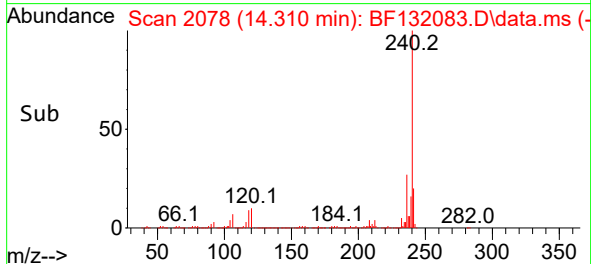
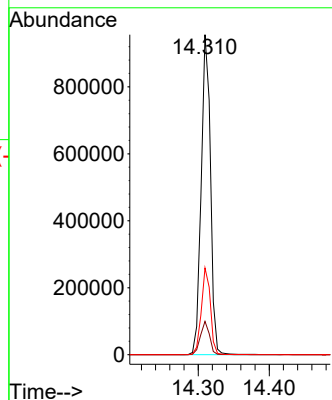
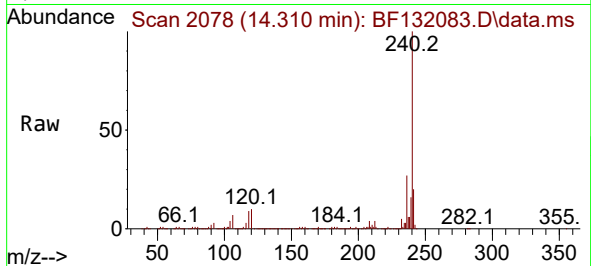




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.310 min Scan# 2079
Delta R.T. -0.007 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

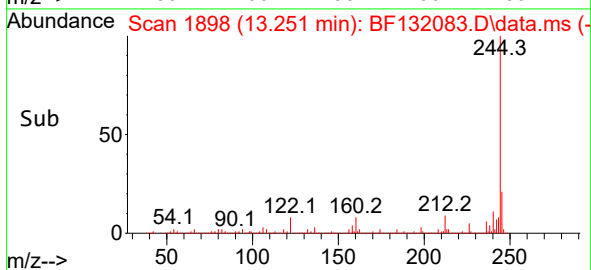
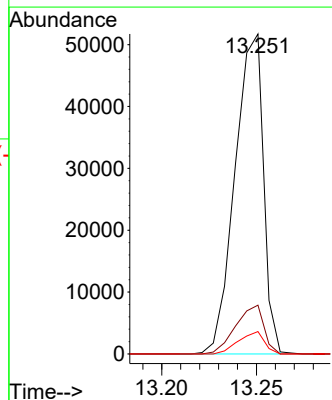
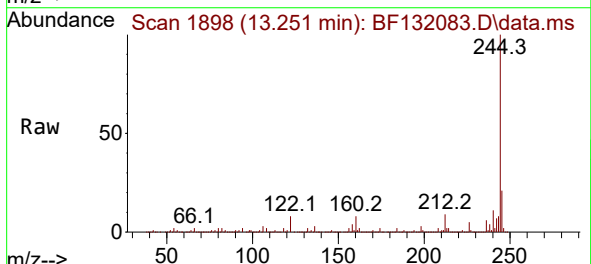
Instrument :
BNA_F
ClientSampleId :
PB150221BL

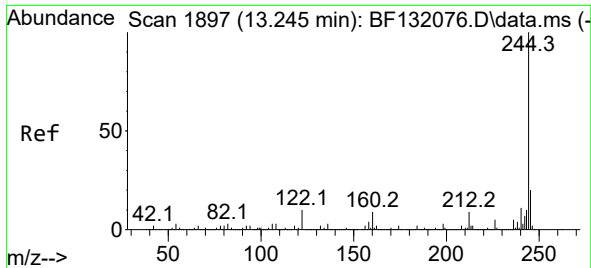
Tgt Ion:240 Resp: 870954
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 27.1 21.0 31.4



#77
Benzidine
Concen: 3.704 ng
RT: 13.251 min Scan# 1898
Delta R.T. 0.259 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Tgt Ion:184 Resp: 54069
Ion Ratio Lower Upper
184 100
185 15.2 13.1 19.7
183 7.0 9.4 14.0#

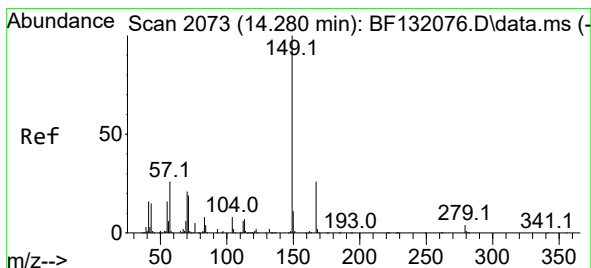
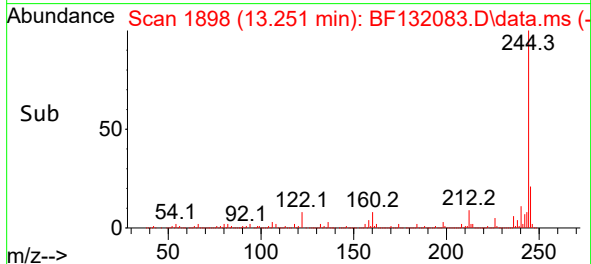
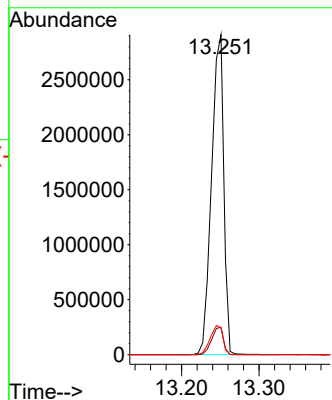
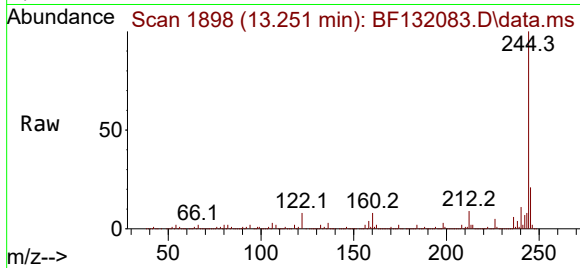




#79
 Terphenyl-d14
 Concen: 69.510 ng
 RT: 13.251 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: BF132083.D
 Acq: 16 Jan 2023 22:39

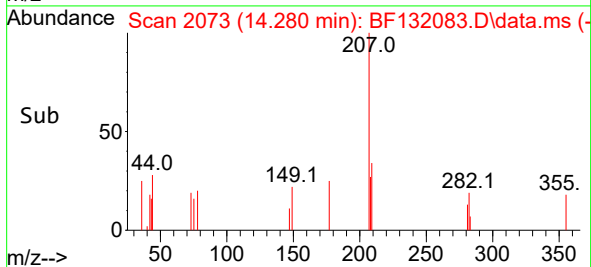
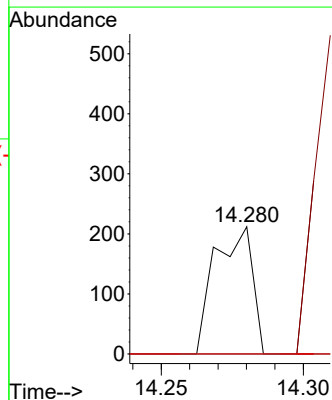
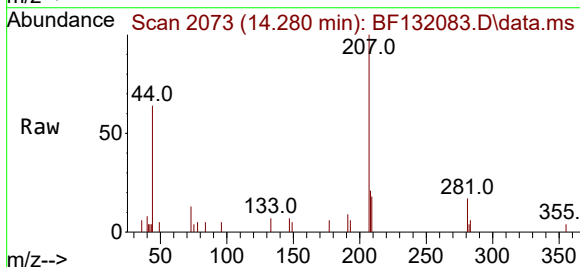
Instrument :
 BNA_F
 ClientSampleId :
 PB150221BL

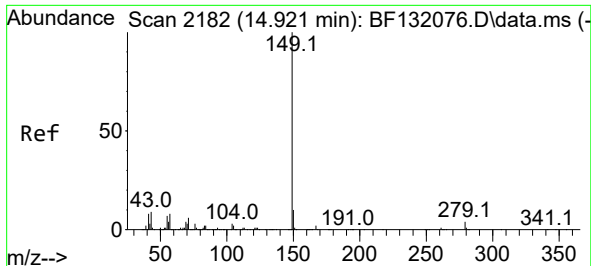
Tgt Ion:244 Resp: 3186167
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.4
 122 8.4 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.737 ng
 RT: 14.280 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: BF132083.D
 Acq: 16 Jan 2023 22:39

Tgt Ion:149 Resp: 195
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.9 31.3#
 279 0.0 3.1 4.7#

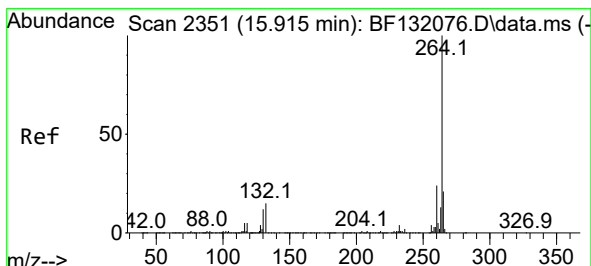
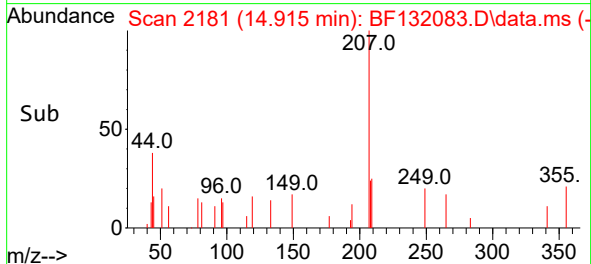
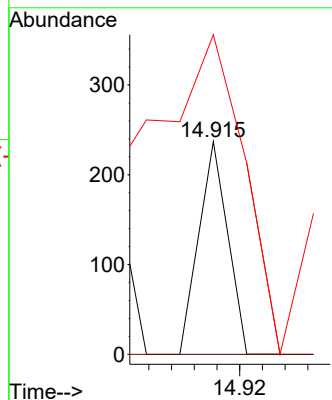
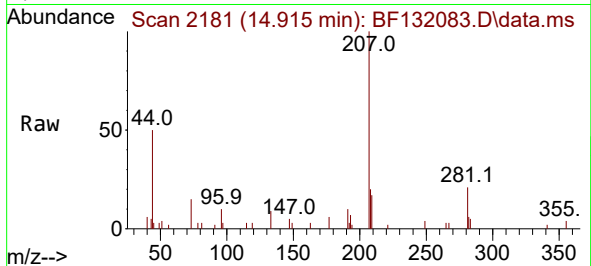




#85
Di-n-octyl phthalate
Concen: 8.910 ng
RT: 14.915 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Instrument :
BNA_F
ClientSampleId :
PB150221BL

Tgt Ion:149 Resp: 84
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 239.3 8.8 13.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.915 min Scan# 2351
Delta R.T. -0.000 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Tgt Ion:264 Resp: 813424
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.7 17.1 25.7

