

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
 Data File : BF132082.D
 Acq On : 16 Jan 2023 22:07
 Operator : CG\JU
 Sample : PB150088BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150088BL

Quant Time: Jan 17 06:50:40 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)

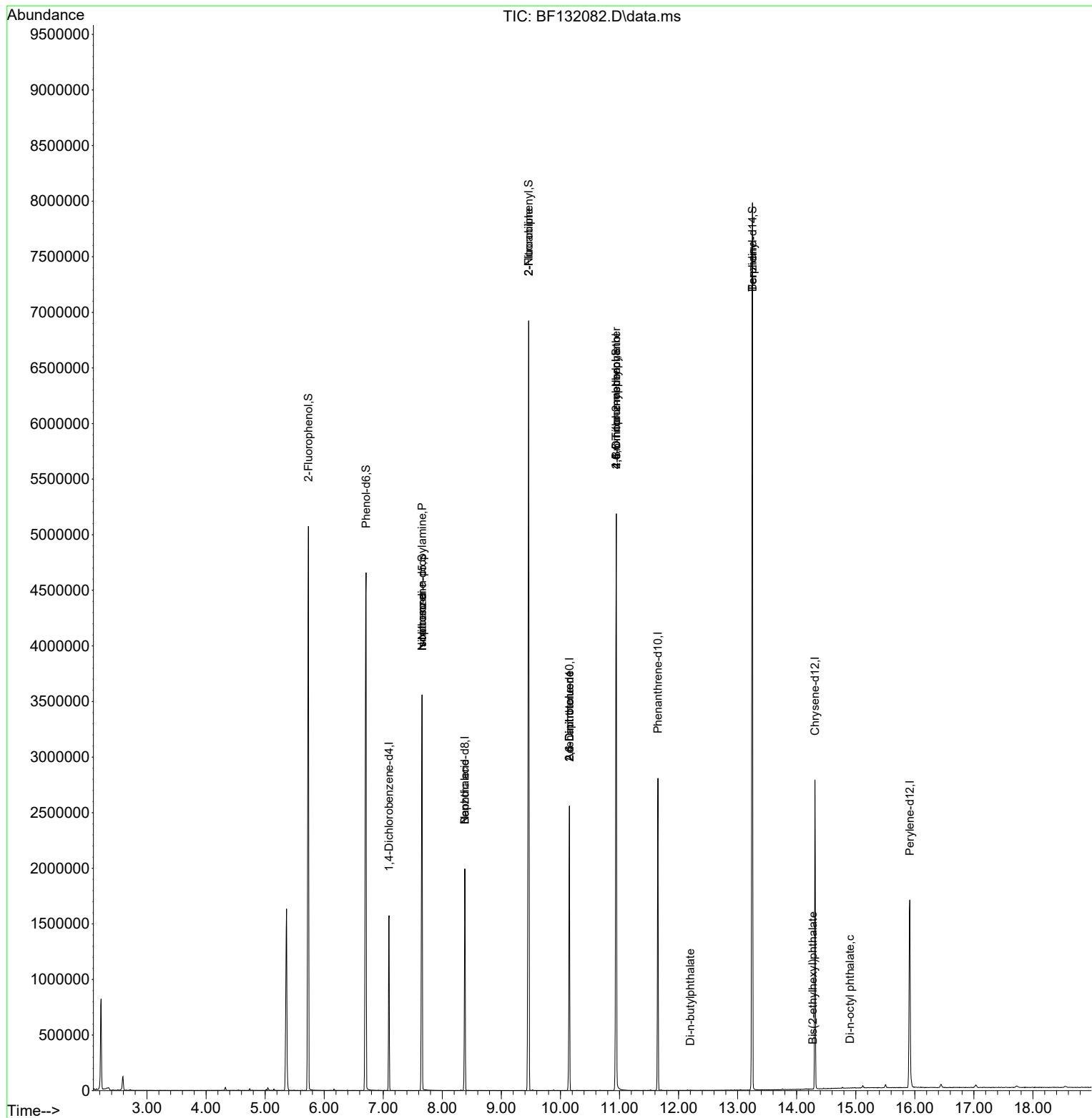
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	255253	20.000	ng	0.00
21) Naphthalene-d8	8.381	136	961894	20.000	ng	0.00
39) Acenaphthene-d10	10.151	164	530681	20.000	ng	0.00
64) Phenanthrene-d10	11.651	188	1027064	20.000	ng	0.00
76) Chrysene-d12	14.310	240	899846	20.000	ng	0.00
86) Perylene-d12	15.915	264	874619	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	1605596	112.966	ng	0.02
7) Phenol-d6	6.710	99	2031069	114.594	ng	0.00
23) Nitrobenzene-d5	7.657	82	1316763	93.698	ng	0.00
42) 2,4,6-Tribromophenol	10.945	330	674136	132.975	ng	0.00
45) 2-Fluorobiphenyl	9.463	172	2487886	72.868	ng	0.00
79) Terphenyl-d14	13.251	244	3092873	65.309	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.657	70	174802	17.626	ng	# 78
25) Isophorone	7.657	82	1316742	39.907	ng	# 67
32) Benzoic acid	8.381	122	202	4.810	ng	# 1
48) 2-Nitroaniline	9.463	65	4257	7.854	ng	# 1
51) 2,6-Dinitrotoluene	10.151	165	69769	13.880	ng	# 21
57) 2,4-Dinitrotoluene	10.151	165	69769	13.007	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.945	198	2069	6.639	ng	# 4
67) 4-Bromophenyl-phenylether	10.945	248	43396	3.881	ng	# 1
74) Di-n-butylphthalate	12.198	149	1227	5.709	ng	# 77
77) Benzidine	13.251	184	51352	3.405	ng	# 95
80) Butylbenzylphthalate	13.604	149	60	Below Cal		# 22
84) Bis(2-ethylhexyl)phtha...	14.274	149	185	6.737	ng	# 54
85) Di-n-octyl phthalate	14.904	149	56	8.908	ng	# 74

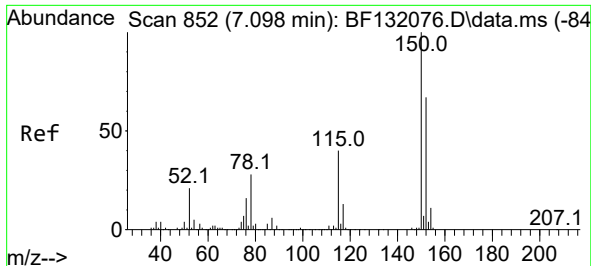
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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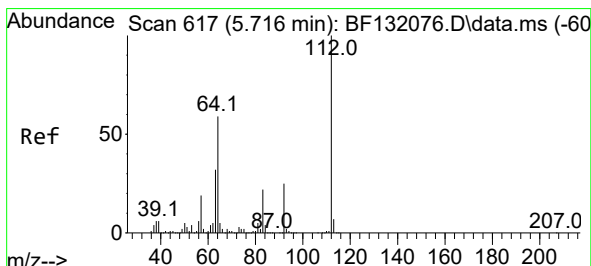
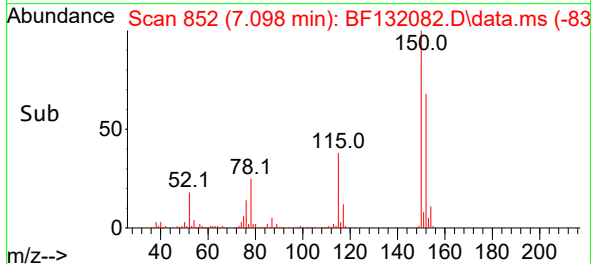
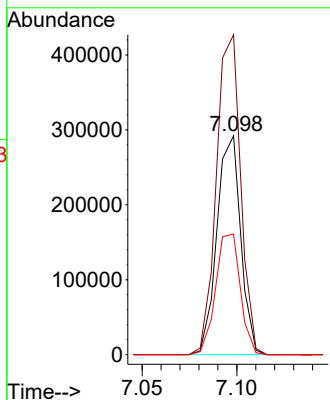
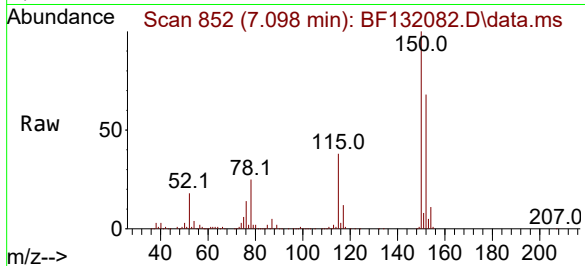




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

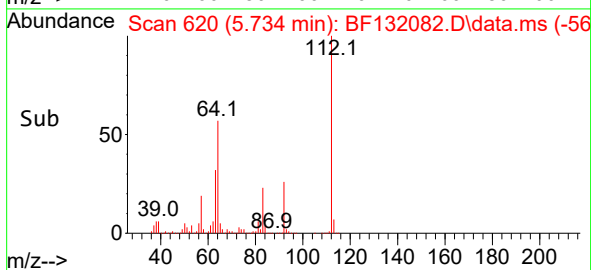
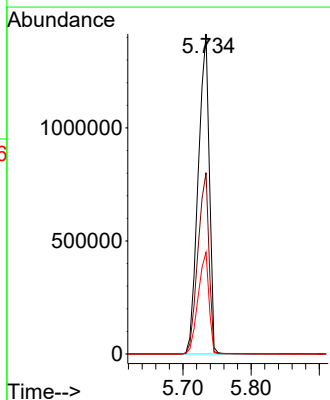
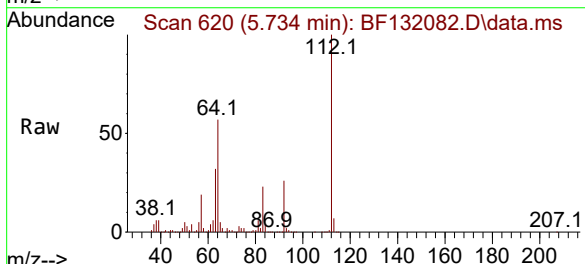
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BNA_F
ClientSampleId :
PB150088BL

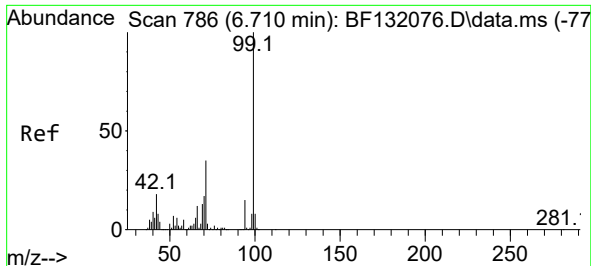
Tgt Ion:152 Resp: 255253
Ion Ratio Lower Upper
152 100
150 146.2 118.6 178.0
115 55.1 47.0 70.6



#5
2-Fluorophenol
Concen: 112.966 ng
RT: 5.734 min Scan# 620
Delta R.T. 0.018 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

Tgt Ion:112 Resp: 1605596
Ion Ratio Lower Upper
112 100
64 56.7 46.9 70.3
63 31.8 25.6 38.4

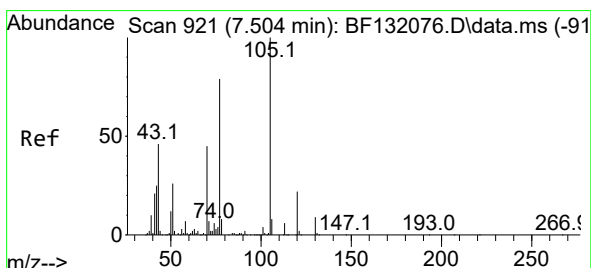
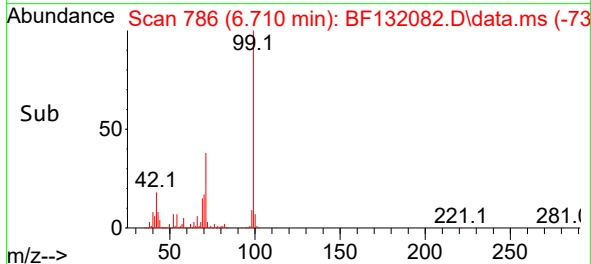
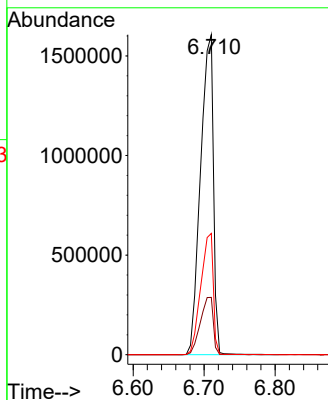
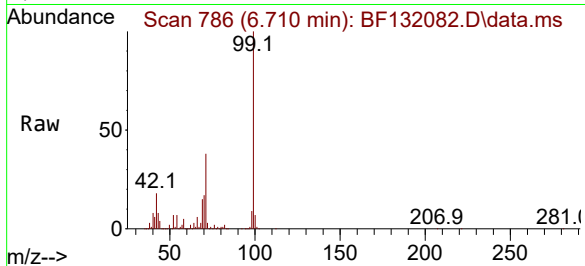




#7
Phenol-d6
Concen: 114.594 ng
RT: 6.710 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

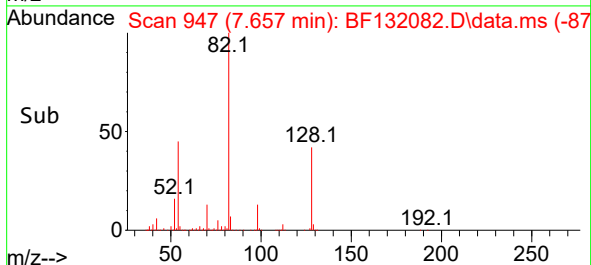
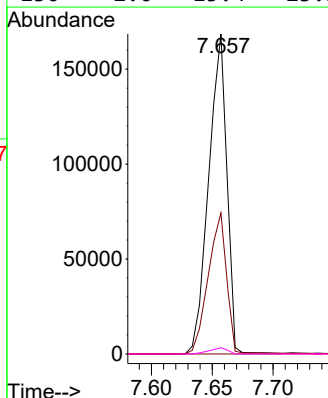
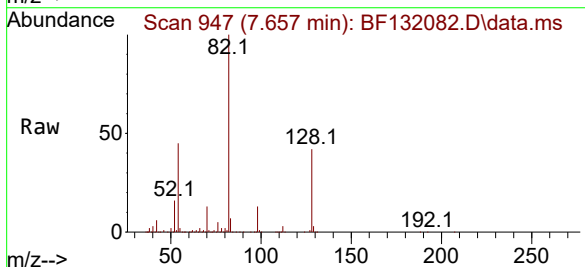
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ClientSampleId :
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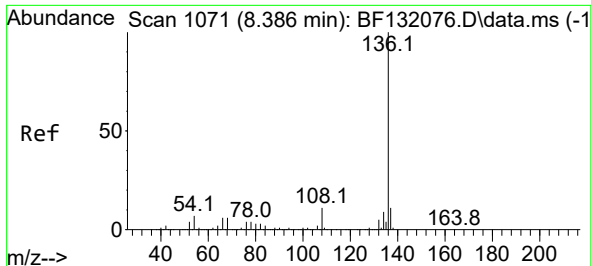
Tgt Ion: 99 Resp: 2031069
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 37.9 28.2 42.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.626 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.153 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

Tgt Ion: 70 Resp: 174802
Ion Ratio Lower Upper
70 100
42 44.0 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: 8.381 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

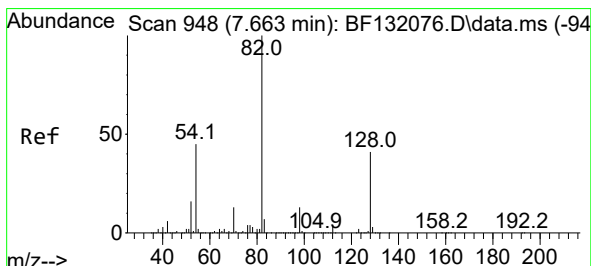
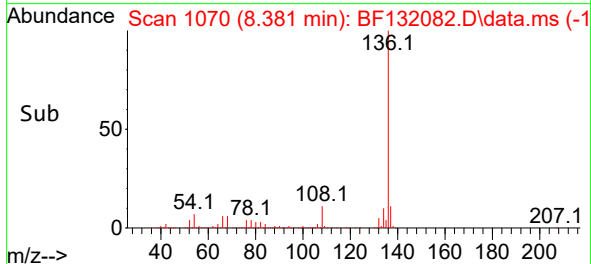
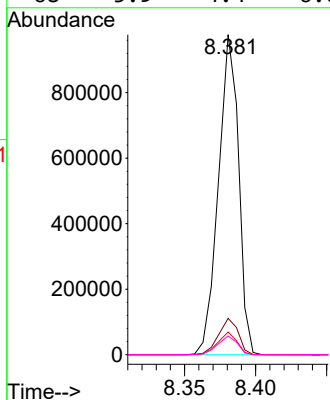
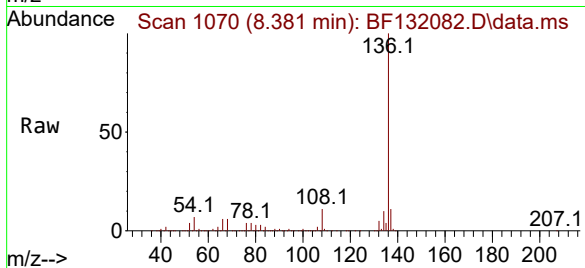
Instrument :

BNA_F

ClientSampleId :

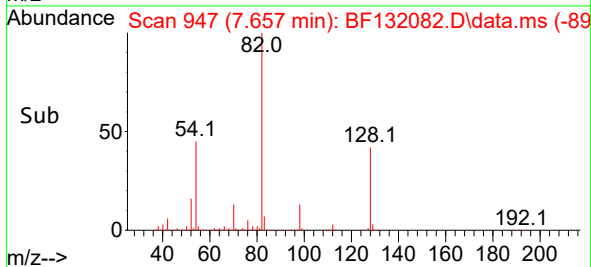
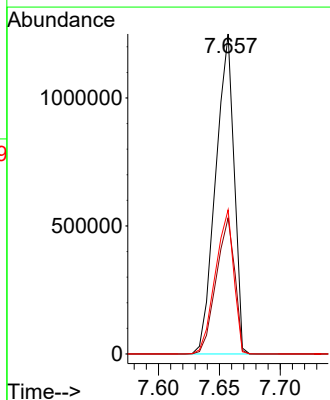
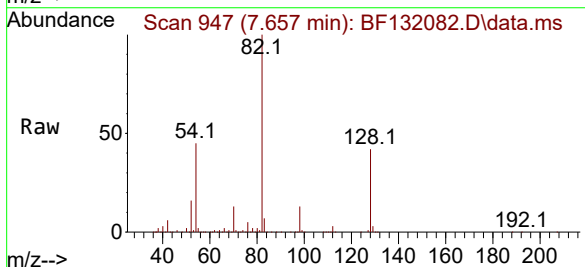
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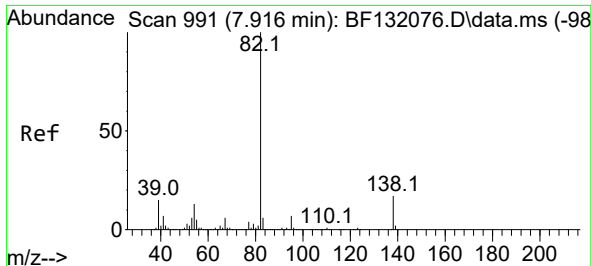
Tgt Ion:136 Resp: 961894
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.1 5.3 7.9
68 5.9 4.4 6.6



#23
Nitrobenzene-d5
Concen: 93.698 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

Tgt Ion: 82 Resp: 1316763
Ion Ratio Lower Upper
82 100
128 42.5 32.6 48.8
54 45.1 36.0 54.0

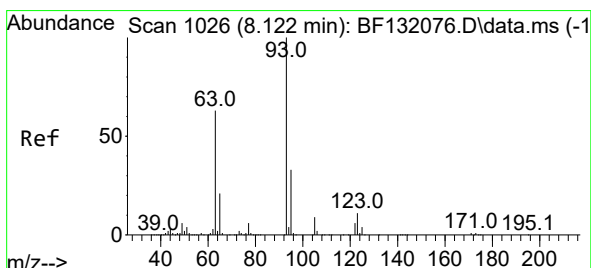
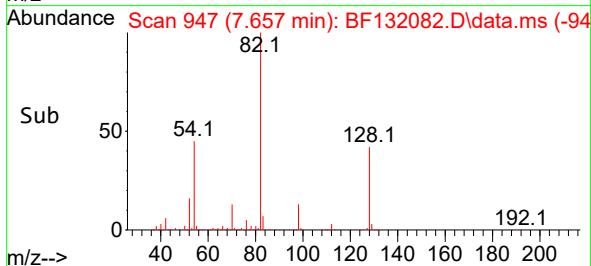
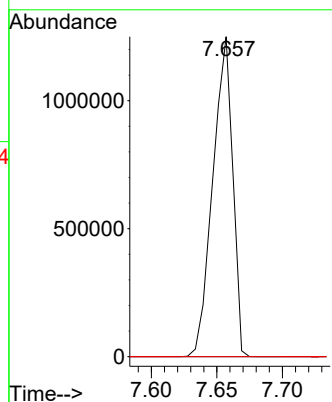
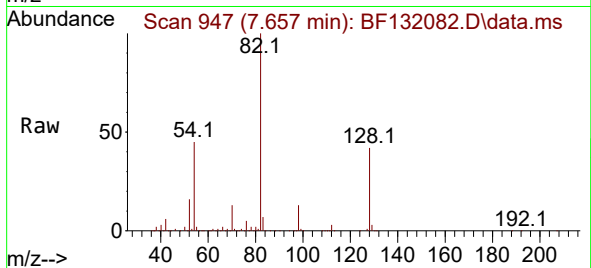




#25
Isophorone
Concen: 39.907 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

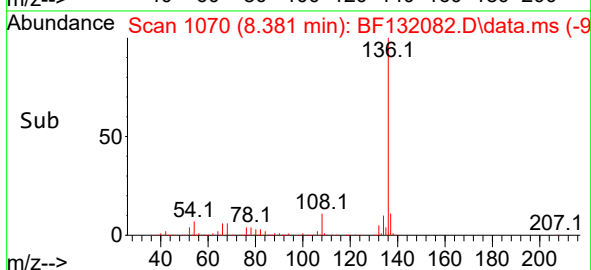
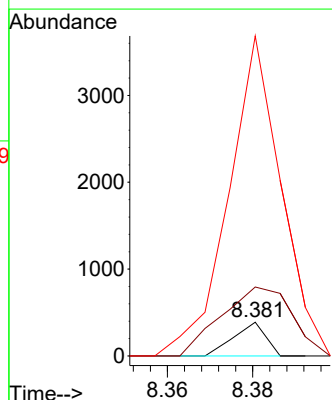
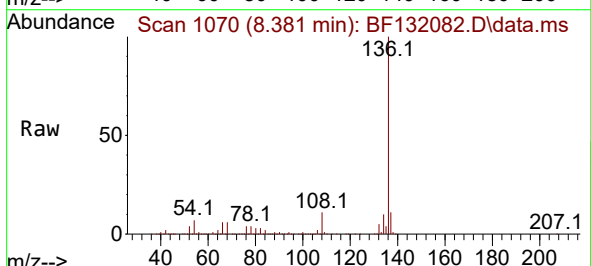
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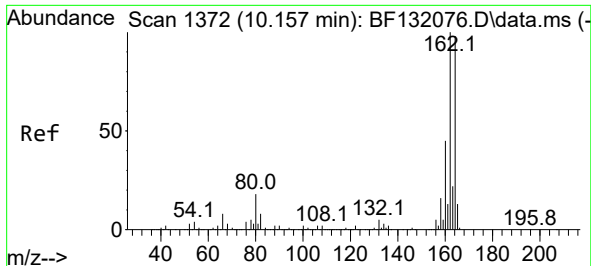
Tgt Ion: 82 Resp: 1316742
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 4.810 ng
RT: 8.381 min Scan# 1070
Delta R.T. 0.259 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

Tgt Ion:122 Resp: 202
Ion Ratio Lower Upper
122 100
105 204.1 105.1 145.1#
77 947.3 74.0 114.0#

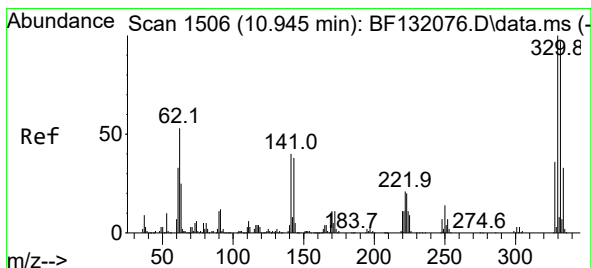
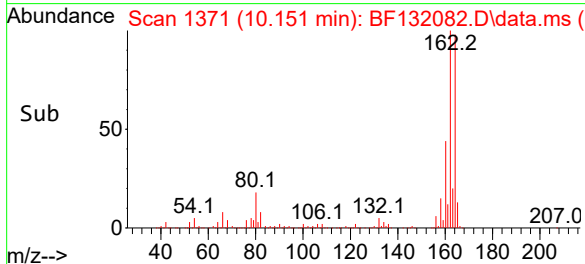
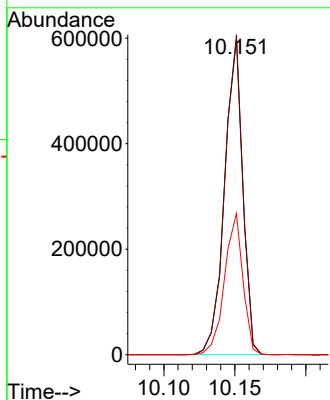
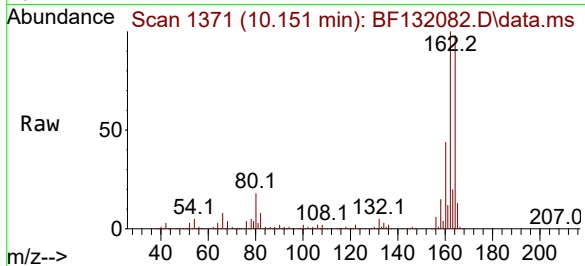




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

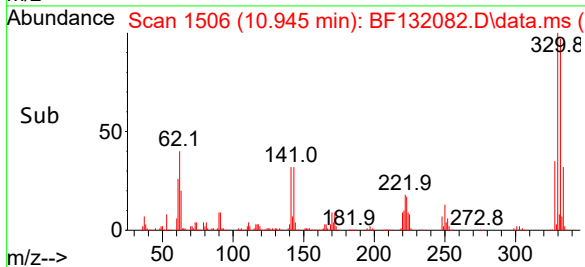
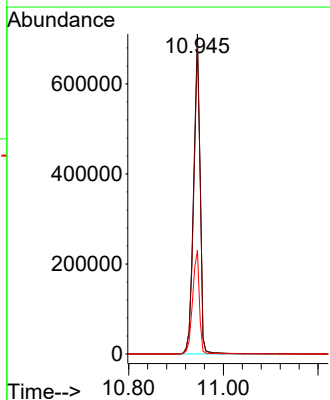
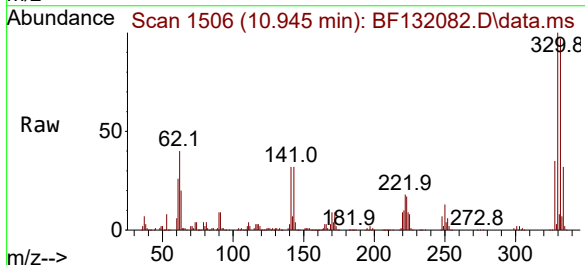
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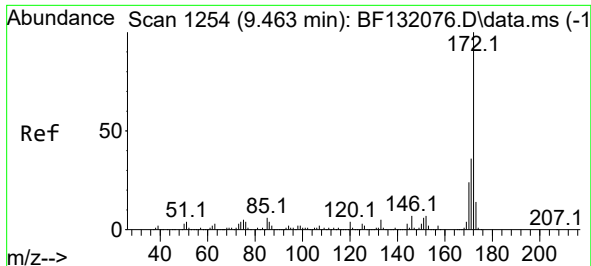
Tgt Ion:164 Resp: 530681
Ion Ratio Lower Upper
164 100
162 101.6 81.5 122.3
160 44.8 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 132.975 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

Tgt Ion:330 Resp: 674136
Ion Ratio Lower Upper
330 100
332 96.2 77.9 116.9
141 33.5 29.2 43.8

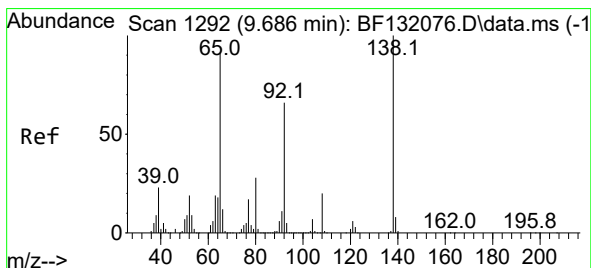
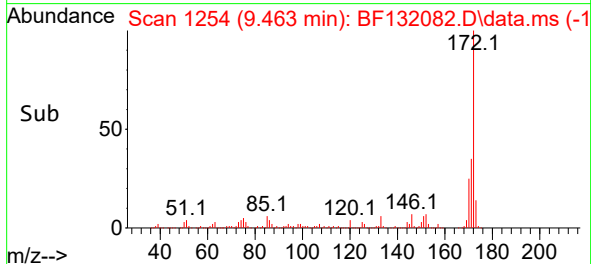
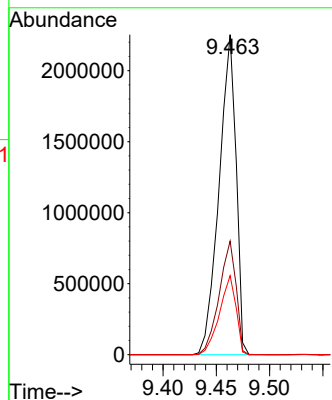
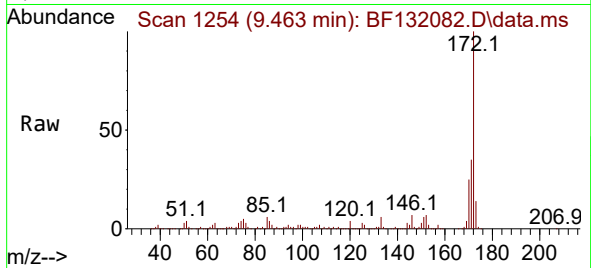




#45
2-Fluorobiphenyl
Concen: 72.868 ng
RT: 9.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

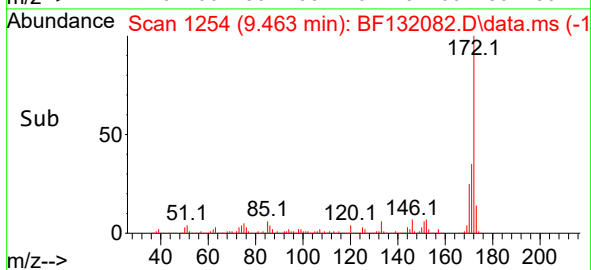
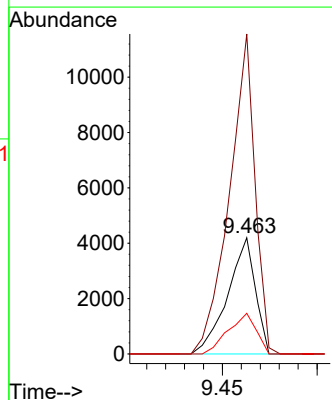
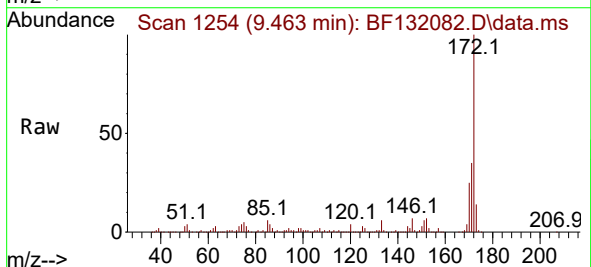
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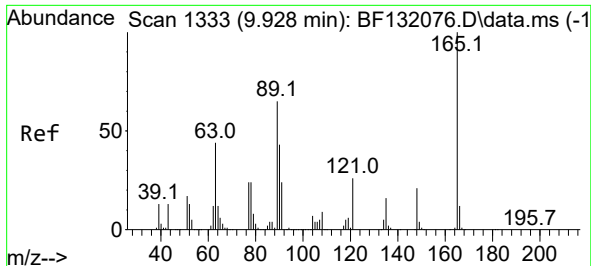
Tgt Ion:172 Resp: 2487886
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.7 19.5 29.3



#48
2-Nitroaniline
Concen: 7.854 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.223 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

Tgt Ion: 65 Resp: 4257
Ion Ratio Lower Upper
65 100
92 275.4 57.8 86.6#
138 35.0 88.2 132.4#

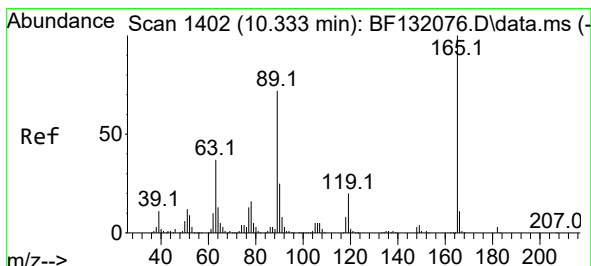
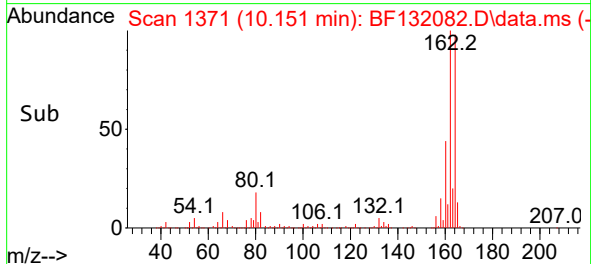
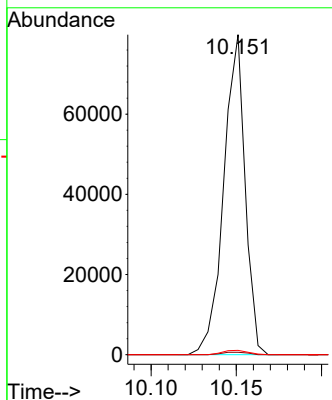
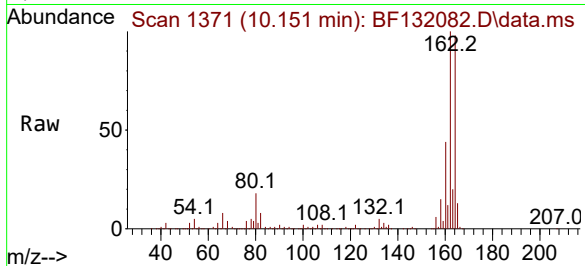




#51
2,6-Dinitrotoluene
Concen: 13.880 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.223 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

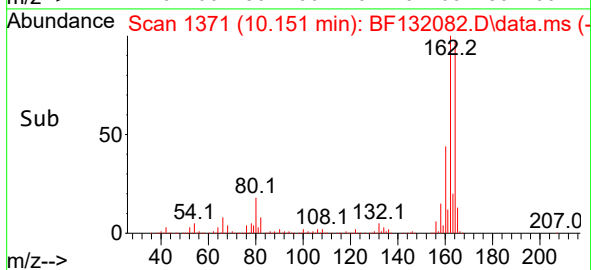
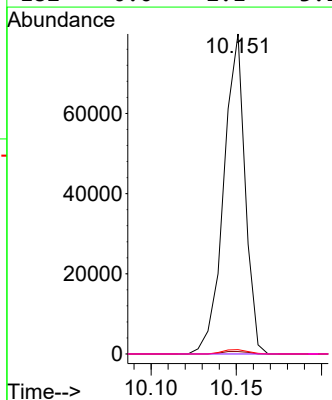
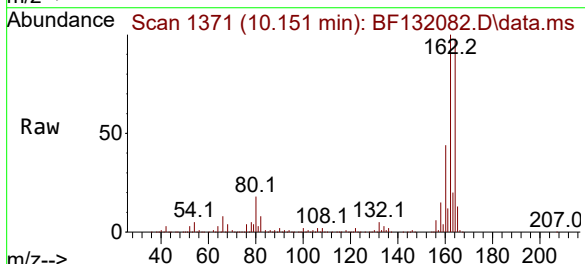
Instrument :
BNA_F
ClientSampleId :
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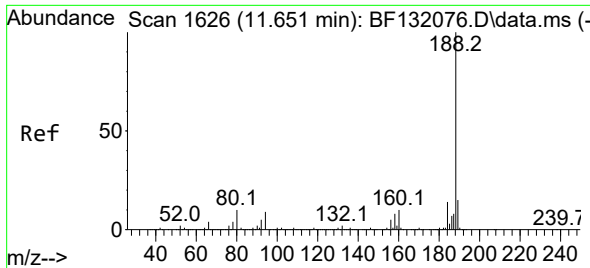
Tgt Ion:165 Resp: 69769
Ion Ratio Lower Upper
165 100
63 0.7 45.7 68.5#
89 1.4 52.5 78.7#



#57
2,4-Dinitrotoluene
Concen: 13.007 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.182 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

Tgt Ion:165 Resp: 69769
Ion Ratio Lower Upper
165 100
63 0.7 29.5 44.3#
89 1.4 57.8 86.8#
182 0.0 2.1 3.1#

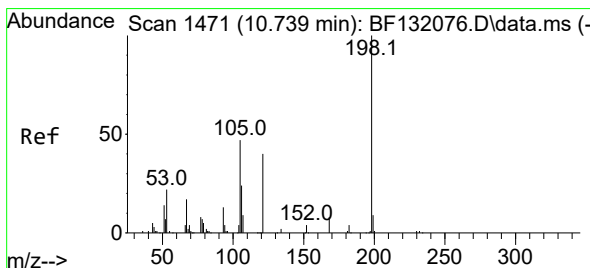
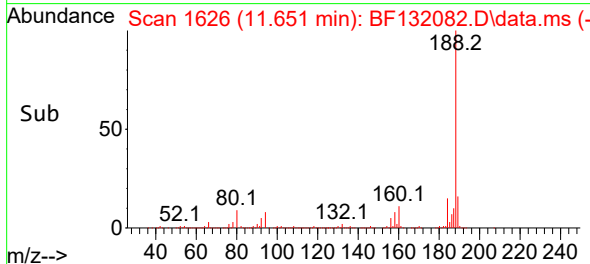
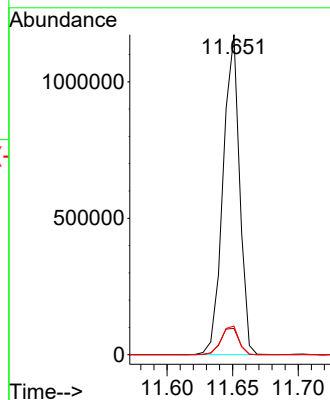
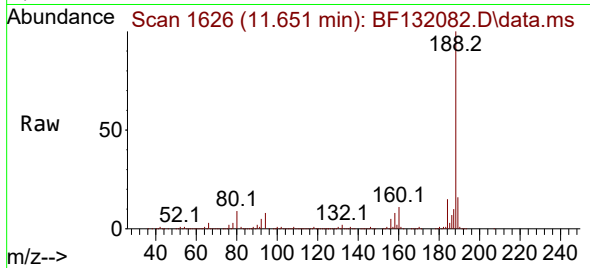




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.651 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

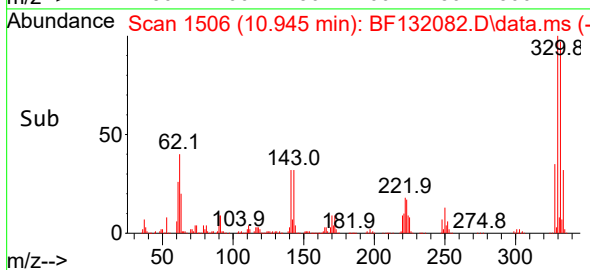
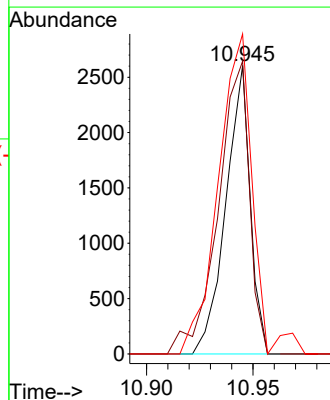
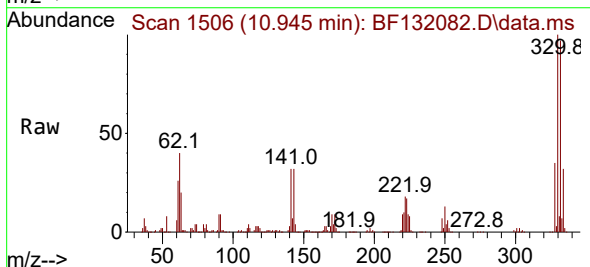
Instrument :
BNA_F
ClientSampleId :
PB150088BL

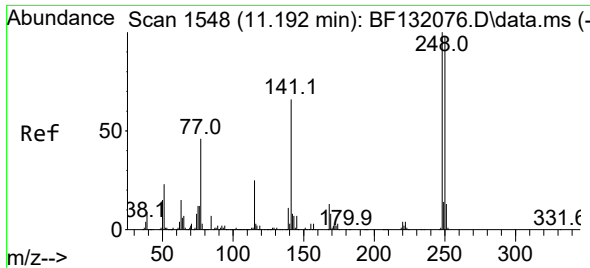
Tgt Ion:188 Resp: 1027064
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.0 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 6.639 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.206 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

Tgt Ion:198 Resp: 2069
Ion Ratio Lower Upper
198 100
51 101.6 20.4 60.4#
105 111.0 28.0 68.0#

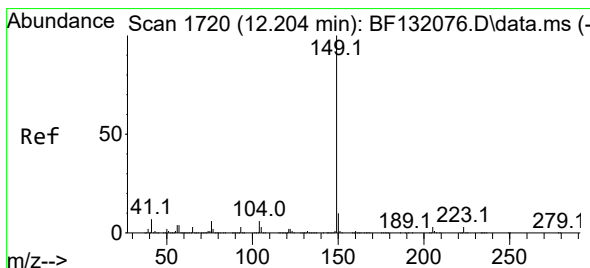
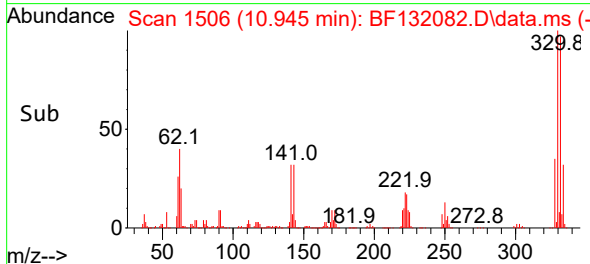
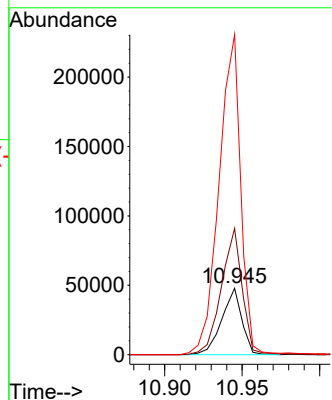
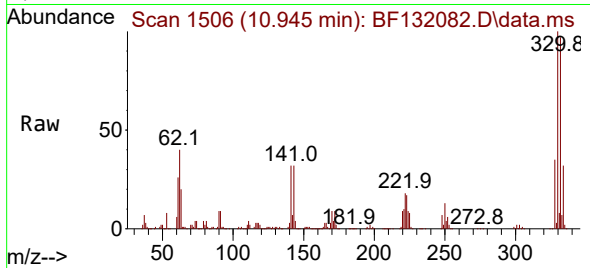




#67
4-Bromophenyl-phenylether
Concen: 3.881 ng
RT: 10.945 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

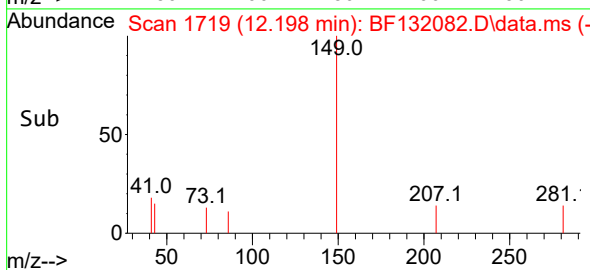
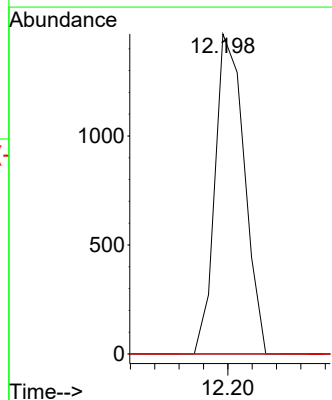
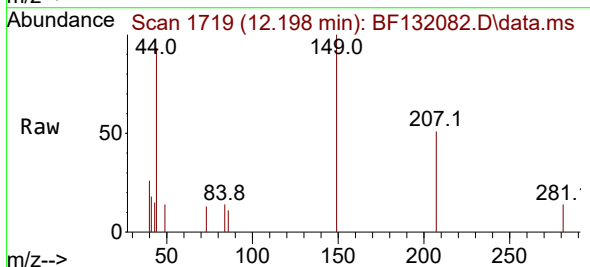
Instrument :
BNA_F
ClientSampleId :
PB150088BL

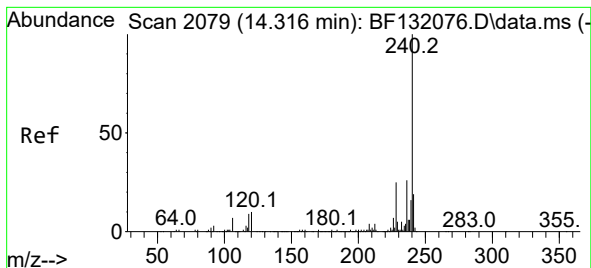
Tgt Ion:248 Resp: 43396
Ion Ratio Lower Upper
248 100
250 190.2 78.2 117.4#
141 482.0 53.2 79.8#



#74
Di-n-butylphthalate
Concen: 5.709 ng
RT: 12.198 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BF132082.D
Acq: 16 Jan 2023 22:07

Tgt Ion:149 Resp: 1227
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 4.6 6.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.310 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BF132082.D

Acq: 16 Jan 2023 22:07

Instrument :

BNA_F

ClientSampleId :

PB150088BL

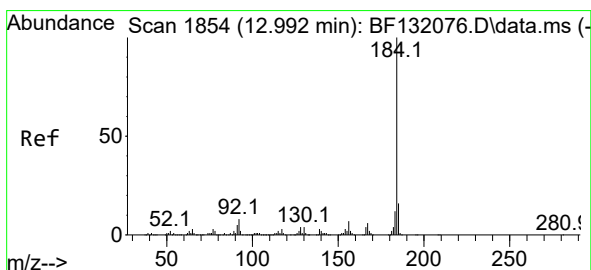
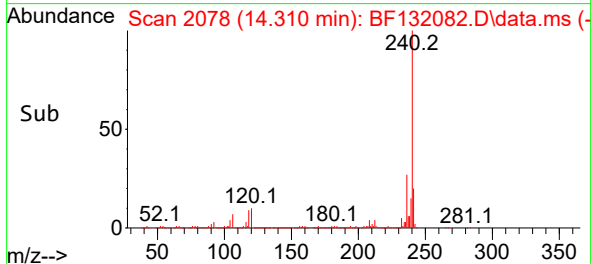
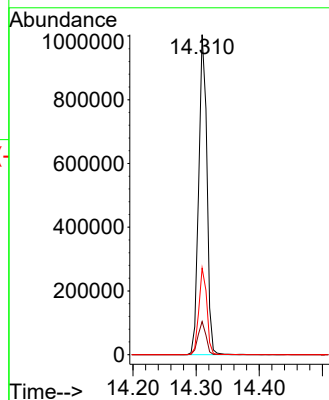
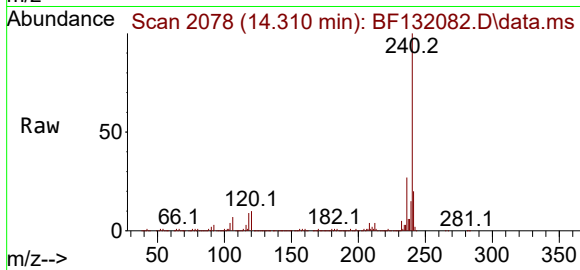
Tgt Ion:240 Resp: 899846

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

236 27.0 21.0 31.4



#77

Benzidine

Concen: 3.405 ng

RT: 13.251 min Scan# 1898

Delta R.T. 0.259 min

Lab File: BF132082.D

Acq: 16 Jan 2023 22:07

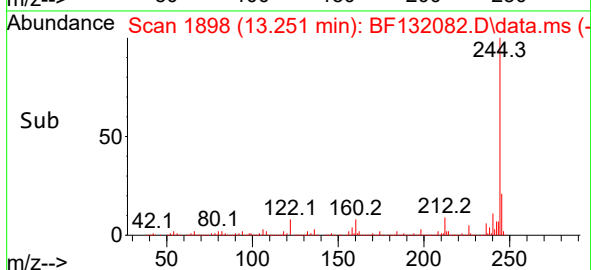
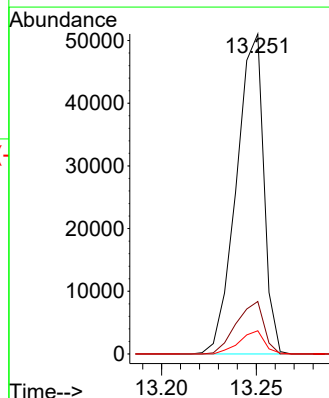
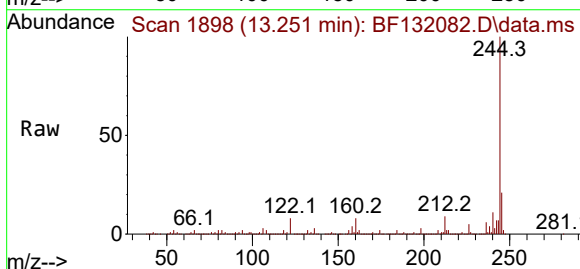
Tgt Ion:184 Resp: 51352

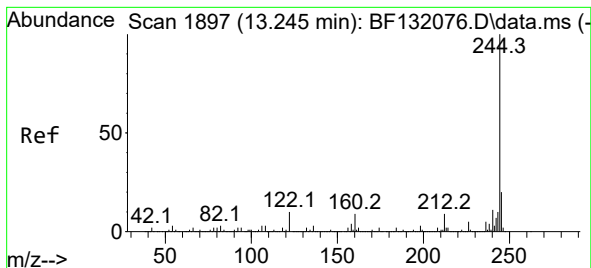
Ion Ratio Lower Upper

184 100

185 16.4 13.1 19.7

183 7.2 9.4 14.0#





#79

Terphenyl-d14

Concen: 65.309 ng

RT: 13.251 min Scan# 1898

Delta R.T. 0.006 min

Lab File: BF132082.D

Acq: 16 Jan 2023 22:07

Instrument :

BNA_F

ClientSampleId :

PB150088BL

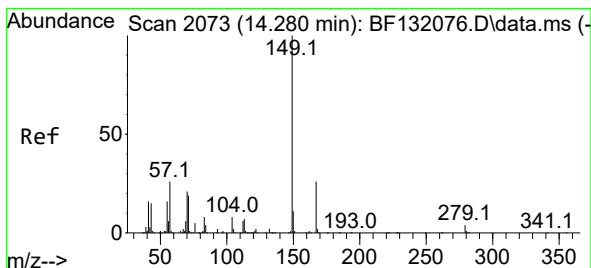
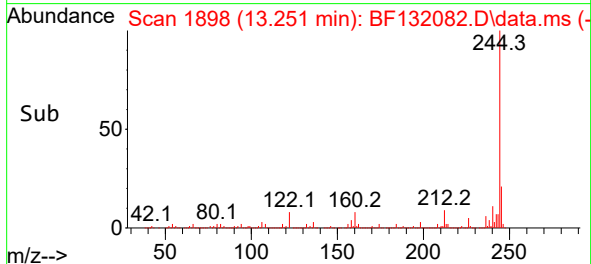
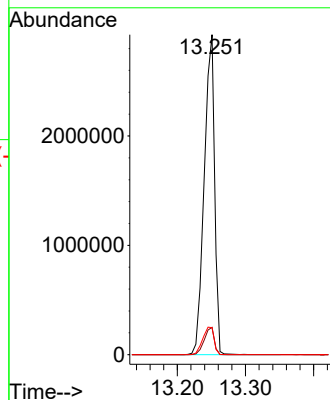
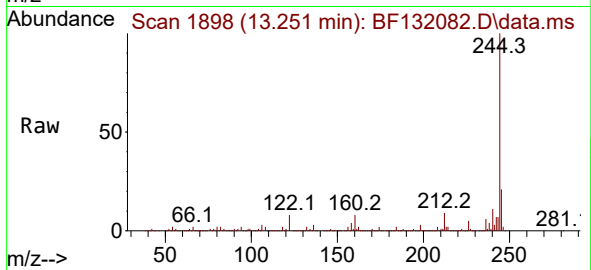
Tgt Ion:244 Resp: 3092873

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: 14.274 min Scan# 2072

Delta R.T. -0.006 min

Lab File: BF132082.D

Acq: 16 Jan 2023 22:07

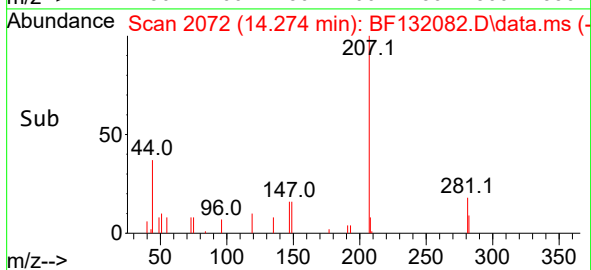
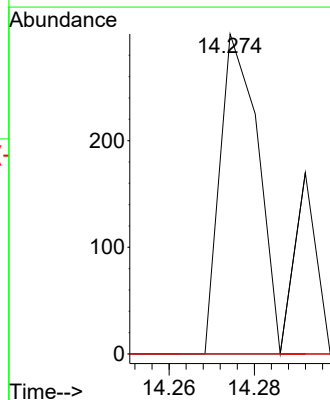
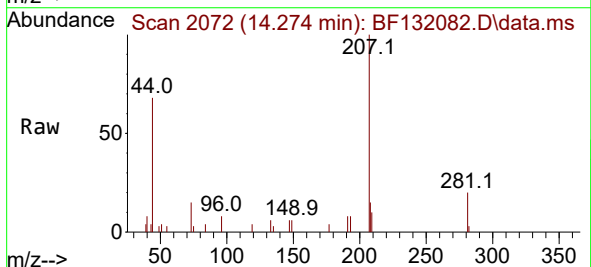
Tgt Ion:149 Resp: 185

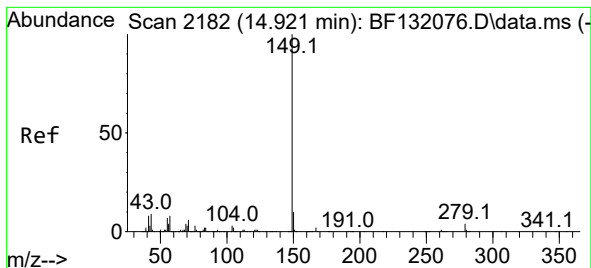
Ion Ratio Lower Upper

149 100

167 0.0 20.9 31.3#

279 0.0 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 8.908 ng

RT: 14.904 min Scan# 2182

Delta R.T. -0.017 min

Lab File: BF132082.D

Acq: 16 Jan 2023 22:07

Instrument :

BNA_F

ClientSampleId :

PB150088BL

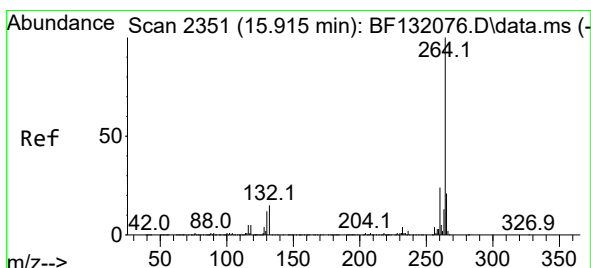
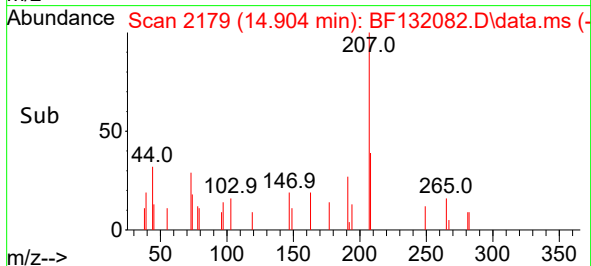
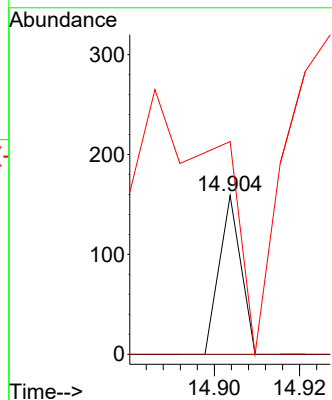
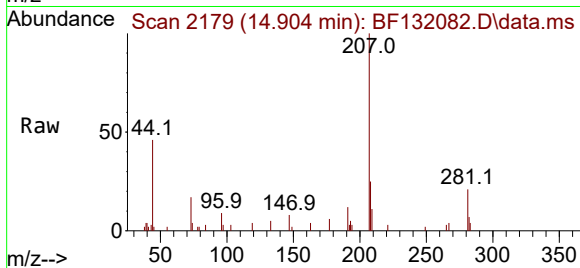
Tgt Ion:149 Resp: 56

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 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: BF132082.D

Acq: 16 Jan 2023 22:07

Tgt Ion:264 Resp: 874619

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.2 17.1 25.7

