

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
 Data File : BF132081.D
 Acq On : 16 Jan 2023 21:34
 Operator : CG\JU
 Sample : PB150222TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150222TB

Quant Time: Jan 17 06:50:24 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)

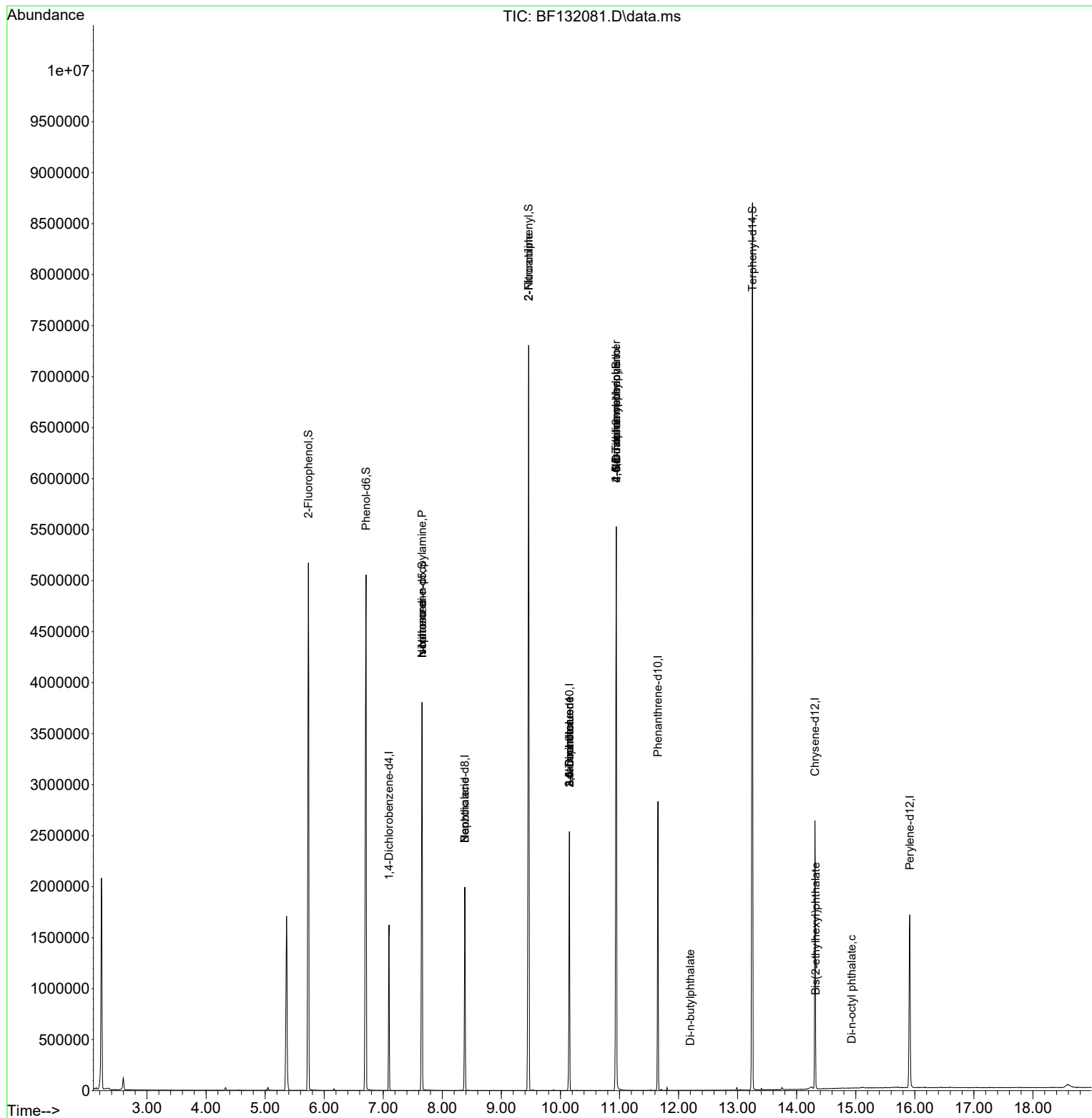
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	252911	20.000	ng	0.00
21) Naphthalene-d8	8.381	136	946540	20.000	ng	0.00
39) Acenaphthene-d10	10.151	164	515910	20.000	ng	0.00
64) Phenanthrene-d10	11.651	188	1007666	20.000	ng	0.00
76) Chrysene-d12	14.310	240	879807	20.000	ng	0.00
86) Perylene-d12	15.915	264	845284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	1718689	122.043	ng	0.02
7) Phenol-d6	6.710	99	2159417	122.963	ng	0.00
23) Nitrobenzene-d5	7.657	82	1438221	104.001	ng	0.00
42) 2,4,6-Tribromophenol	10.945	330	719653	146.018	ng	0.00
45) 2-Fluorobiphenyl	9.463	172	2611291	78.672	ng	0.00
79) Terphenyl-d14	13.251	244	3281291	70.865	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.657	70	192790	19.620	ng	# 79
25) Isophorone	7.657	82	1438199	44.295	ng	# 67
32) Benzoic acid	8.381	122	368	4.868	ng	# 1
48) 2-Nitroaniline	9.463	65	4673	7.918	ng	# 1
51) 2,6-Dinitrotoluene	10.151	165	66089	13.652	ng	# 21
53) 3-Nitroaniline	10.151	138	55	4.484	ng	# 1
57) 2,4-Dinitrotoluene	10.151	165	66089	12.830	ng	# 25
62) 4-Nitroaniline	10.945	138	60	3.969	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.945	198	2068	6.651	ng	# 1
67) 4-Bromophenyl-phenylether	10.945	248	45435	4.141	ng	# 1
74) Di-n-butylphthalate	12.198	149	210	5.694	ng	# 77
80) Butylbenzylphthalate	13.910	149	61	Below Cal		# 22
84) Bis(2-ethylhexyl)phtha...	14.321	149	176	6.736	ng	# 54
85) Di-n-octyl phthalate	14.933	149	57	8.908	ng	# 1

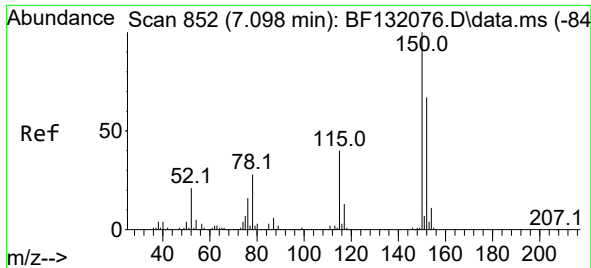
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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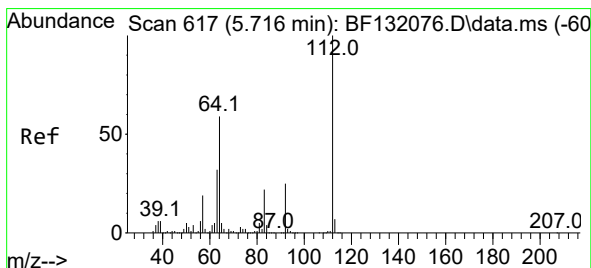
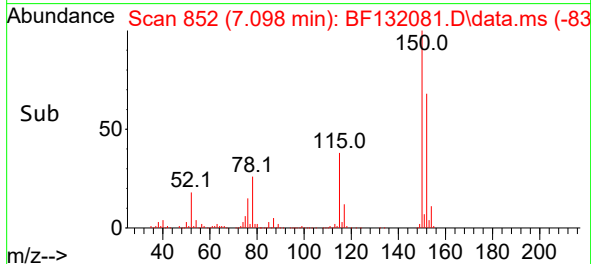
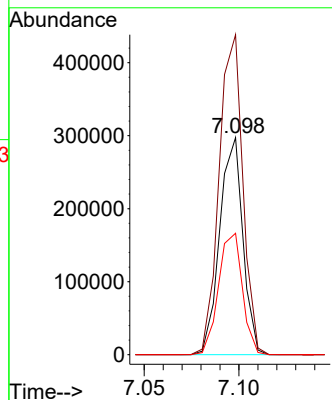
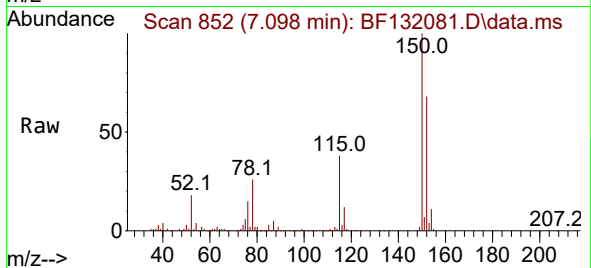




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

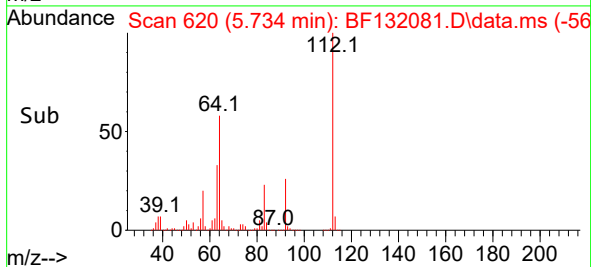
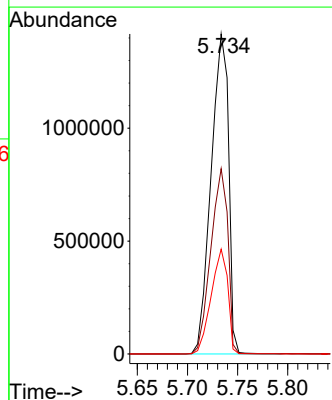
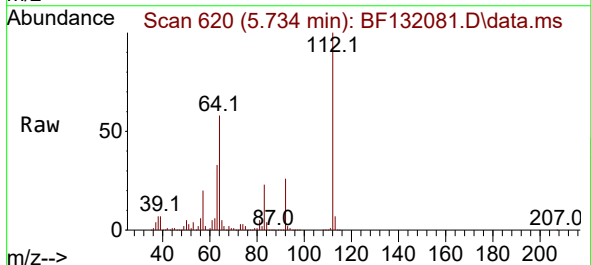
Instrument :
BNA_F
ClientSampleId :
PB150222TB

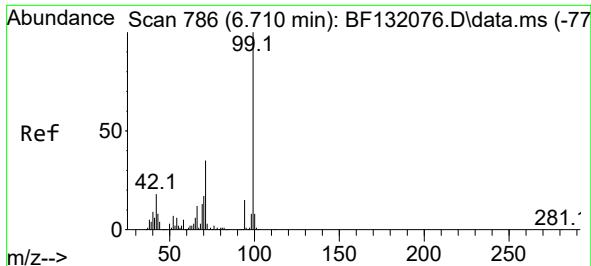
Tgt Ion:152 Resp: 252911
Ion Ratio Lower Upper
152 100
150 147.4 118.6 178.0
115 55.9 47.0 70.6



#5
2-Fluorophenol
Concen: 122.043 ng
RT: 5.734 min Scan# 620
Delta R.T. 0.018 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

Tgt Ion:112 Resp: 1718689
Ion Ratio Lower Upper
112 100
64 57.9 46.9 70.3
63 32.7 25.6 38.4

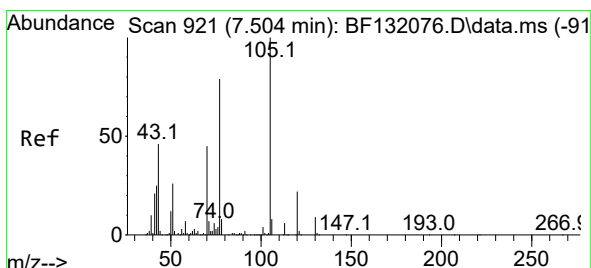
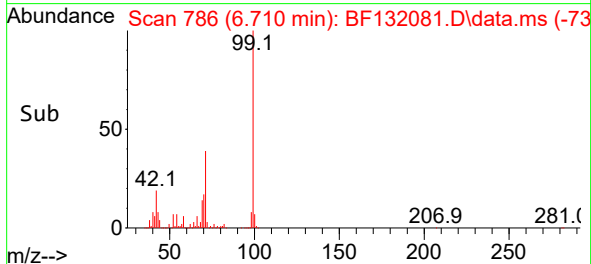
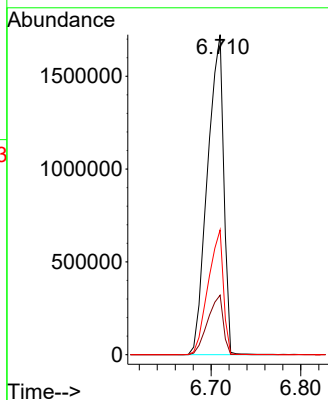
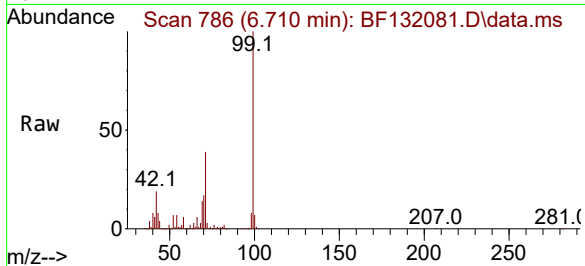




#7
Phenol-d6
Concen: 122.963 ng
RT: 6.710 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

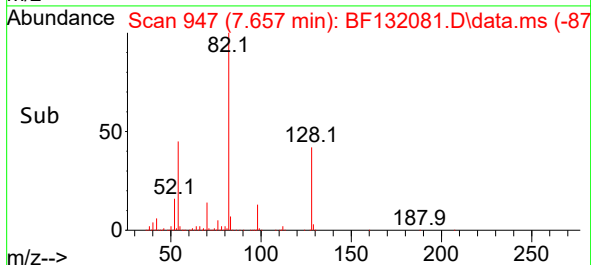
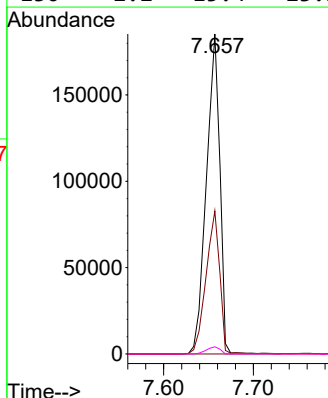
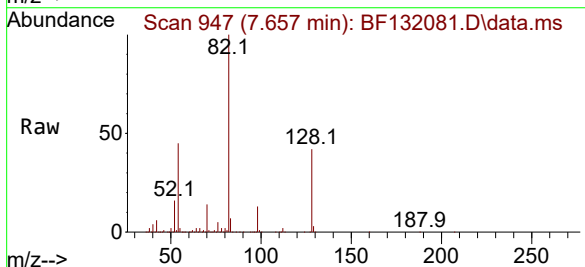
Instrument :
BNA_F
ClientSampleId :
PB150222TB

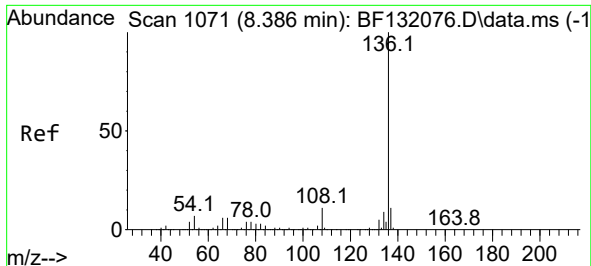
Tgt Ion: 99 Resp: 2159417
Ion Ratio Lower Upper
99 100
42 18.6 14.0 21.0
71 39.0 28.2 42.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.620 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.153 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

Tgt Ion: 70 Resp: 192790
Ion Ratio Lower Upper
70 100
42 44.7 44.2 66.4
101 0.0 7.4 11.0#
130 2.2 15.4 23.2#

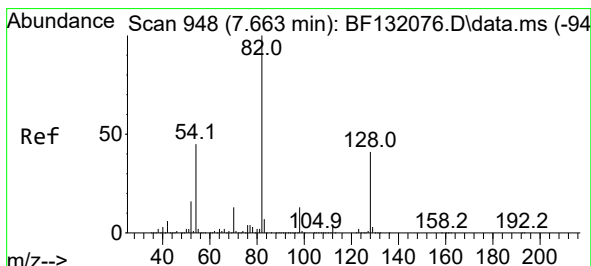
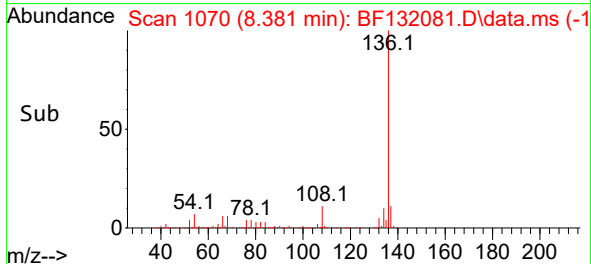
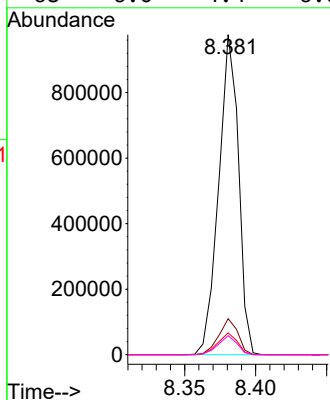
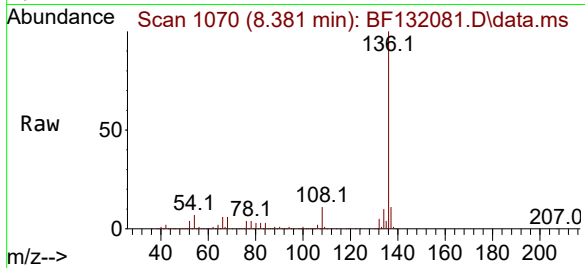




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.381 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

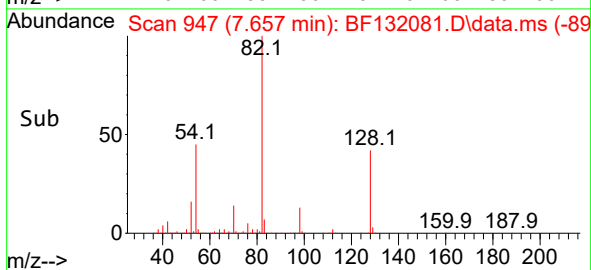
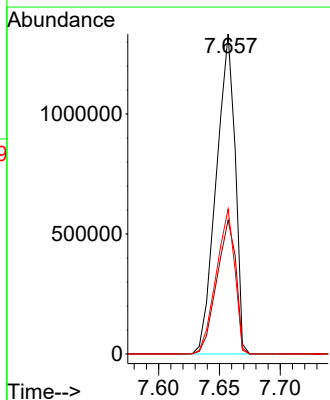
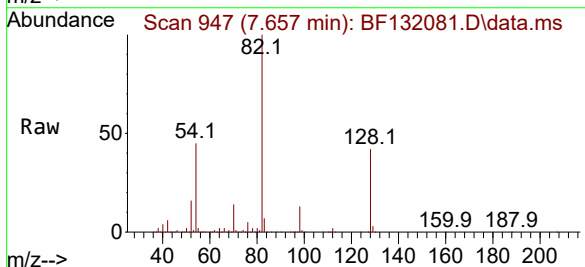
Instrument :
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ClientSampleId :
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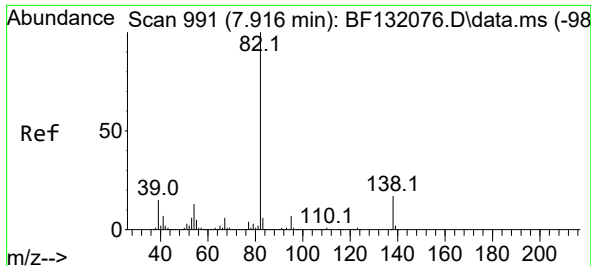
Tgt Ion:	136	Resp:	946540
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	5.3	7.9
68	6.0	4.4	6.6



#23
Nitrobenzene-d5
Concen: 104.001 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

Tgt Ion:	82	Resp:	1438221
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.6	48.8
54	45.3	36.0	54.0

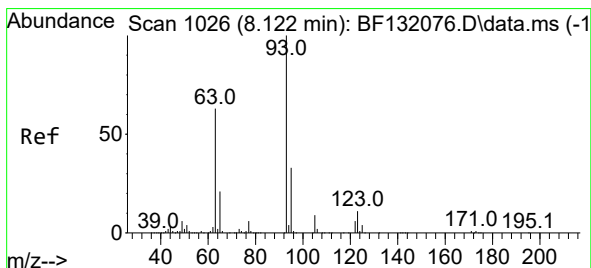
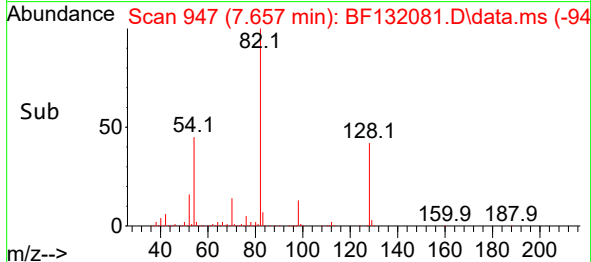
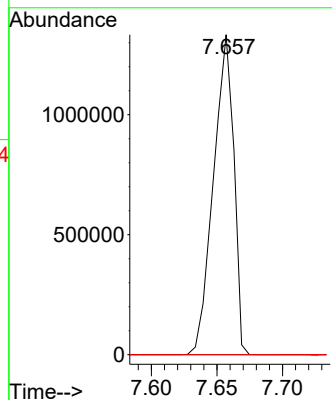
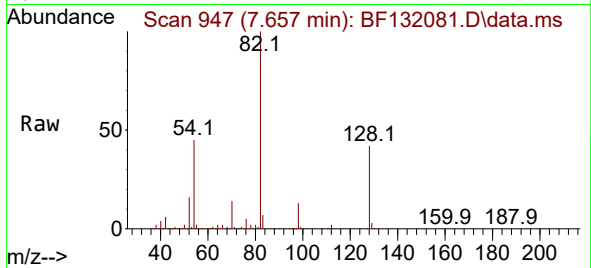




#25
Isophorone
Concen: 44.295 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

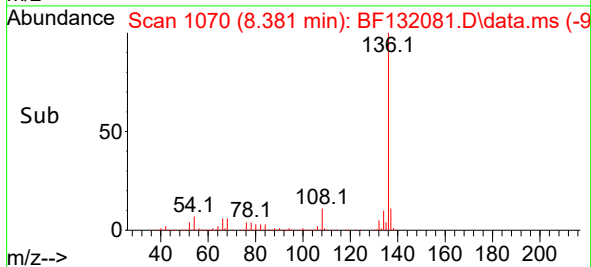
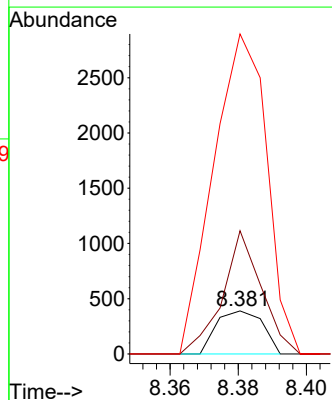
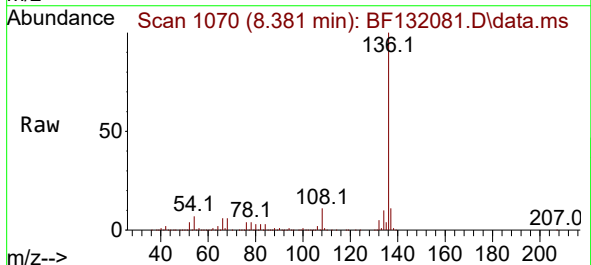
Instrument :
BNA_F
ClientSampleId :
PB150222TB

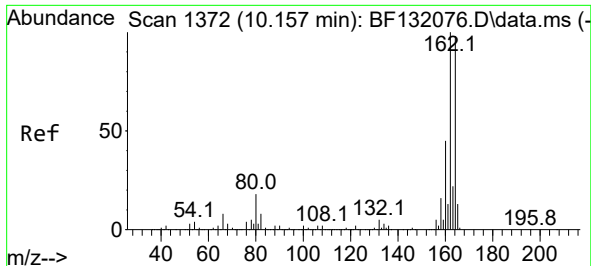
Tgt Ion: 82 Resp: 1438199
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 4.868 ng
RT: 8.381 min Scan# 1070
Delta R.T. 0.259 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

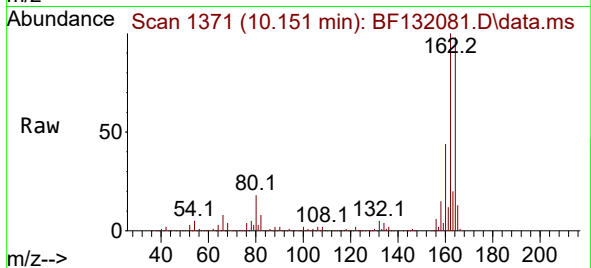
Tgt Ion:122 Resp: 368
Ion Ratio Lower Upper
122 100
105 285.9 105.1 145.1#
77 742.6 74.0 114.0#



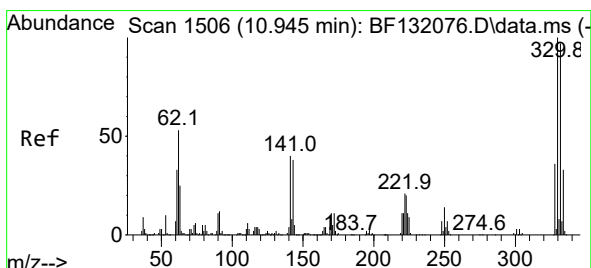
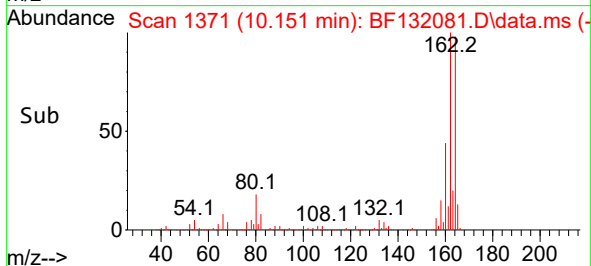
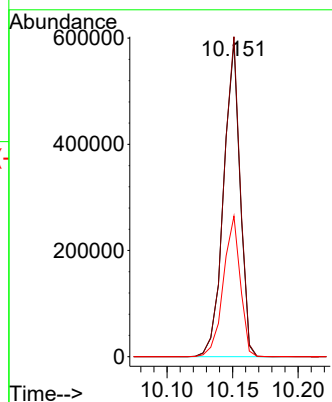


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.151 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF132081.D
 Acq: 16 Jan 2023 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PB150222TB

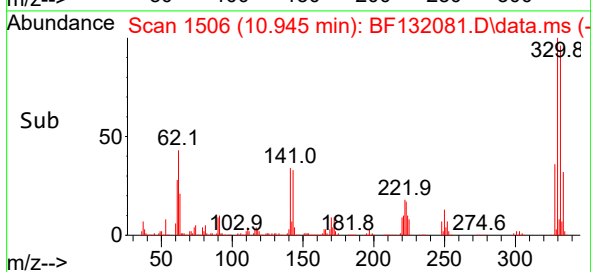
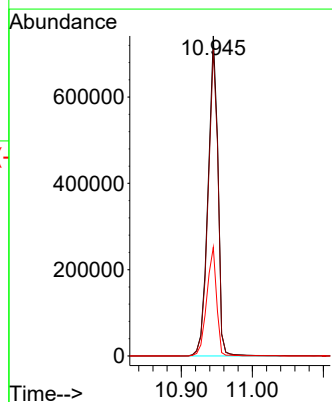
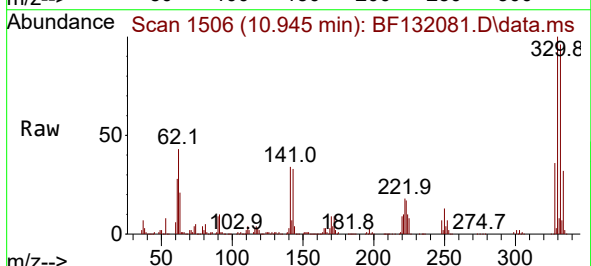


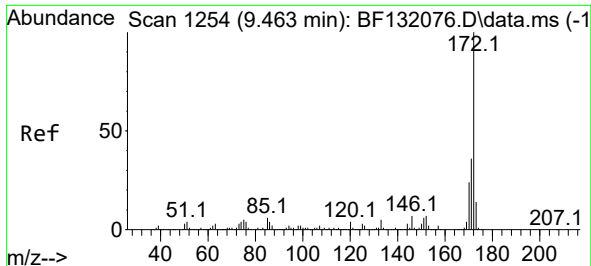
Tgt Ion:164 Resp: 515910
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.5 122.3
 160 44.7 36.6 55.0



#42
 2,4,6-Tribromophenol
 Concen: 146.018 ng
 RT: 10.945 min Scan# 1506
 Delta R.T. 0.000 min
 Lab File: BF132081.D
 Acq: 16 Jan 2023 21:34

Tgt Ion:330 Resp: 719653
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.9 116.9
 141 33.9 29.2 43.8





#45

2-Fluorobiphenyl

Concen: 78.672 ng

RT: 9.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132081.D

Acq: 16 Jan 2023 21:34

Instrument :

BNA_F

ClientSampleId :

PB150222TB

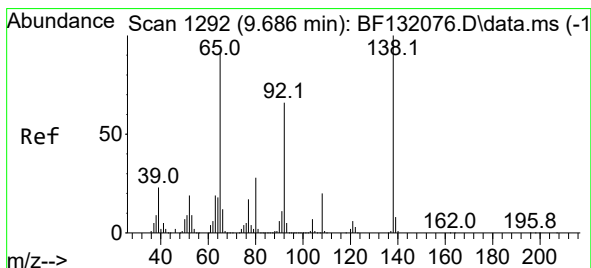
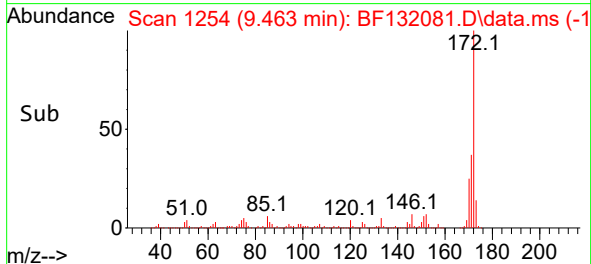
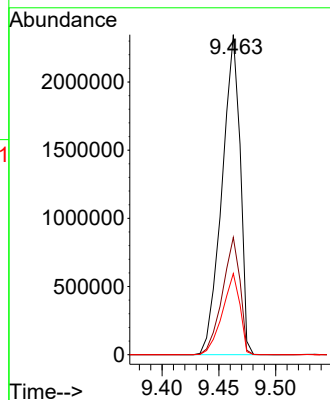
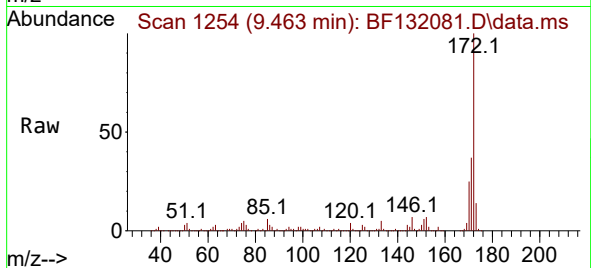
Tgt Ion:172 Resp: 2611291

Ion Ratio Lower Upper

172 100

171 36.6 28.7 43.1

170 25.3 19.5 29.3



#48

2-Nitroaniline

Concen: 7.918 ng

RT: 9.463 min Scan# 1254

Delta R.T. -0.223 min

Lab File: BF132081.D

Acq: 16 Jan 2023 21:34

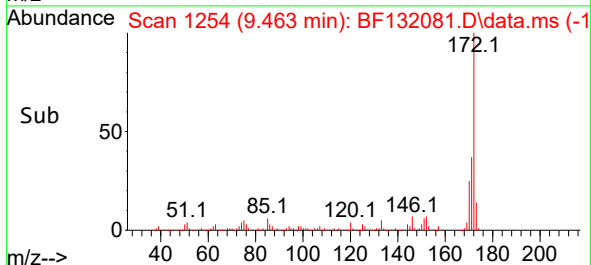
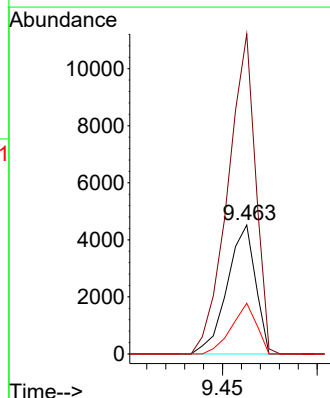
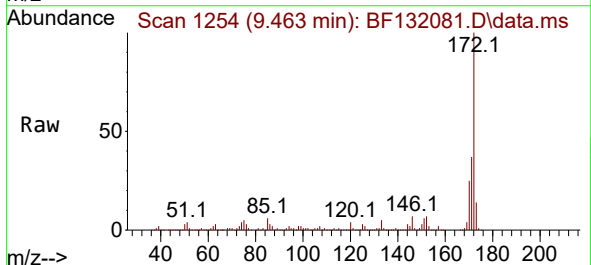
Tgt Ion: 65 Resp: 4673

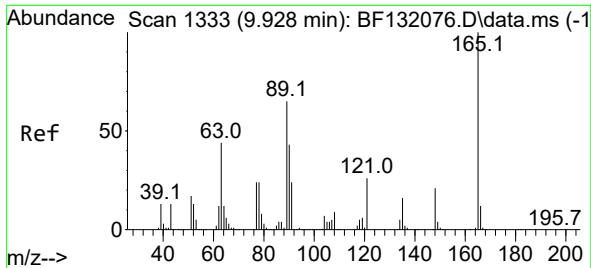
Ion Ratio Lower Upper

65 100

92 248.1 57.8 86.6#

138 39.3 88.2 132.4#

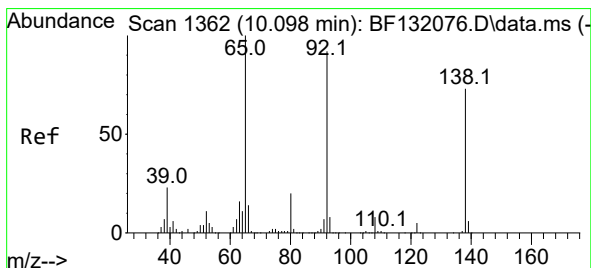
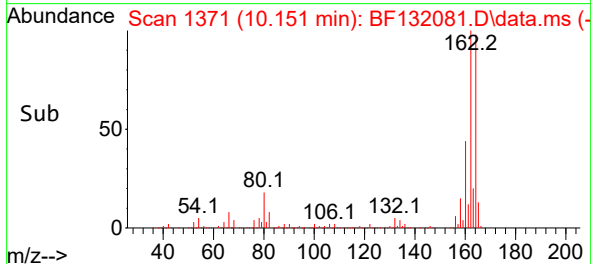
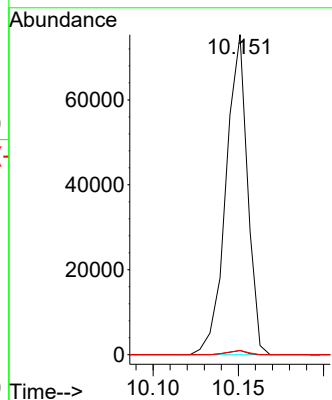
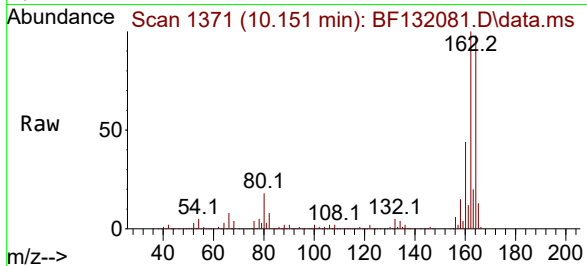




#51
2,6-Dinitrotoluene
Concen: 13.652 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.223 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

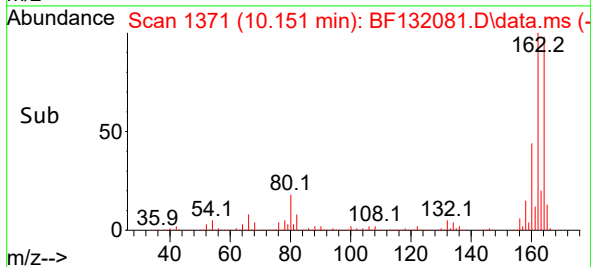
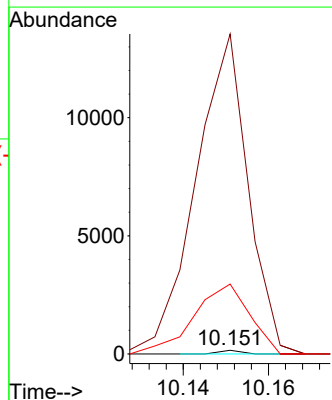
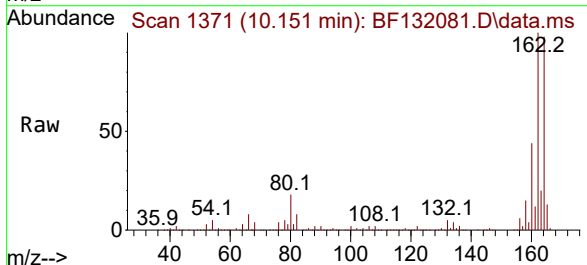
Instrument :
BNA_F
ClientSampleId :
PB150222TB

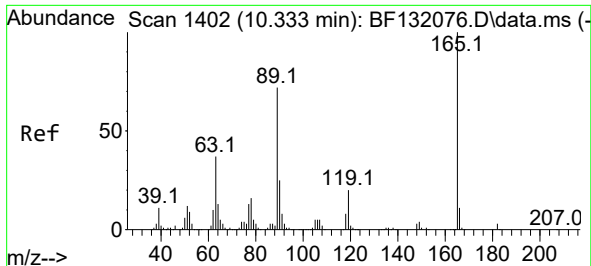
Tgt Ion:165 Resp: 66089
Ion Ratio Lower Upper
165 100
63 1.3 45.7 68.5#
89 1.3 52.5 78.7#



#53
3-Nitroaniline
Concen: 4.484 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.053 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 8738.7 8.6 13.0#
92 1909.7 100.6 151.0#

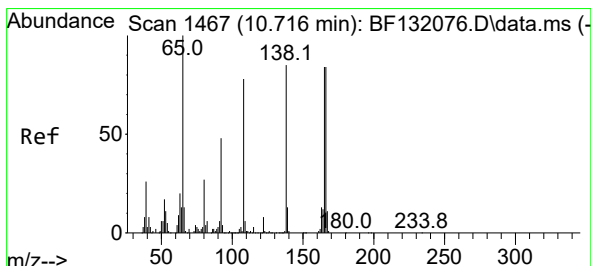
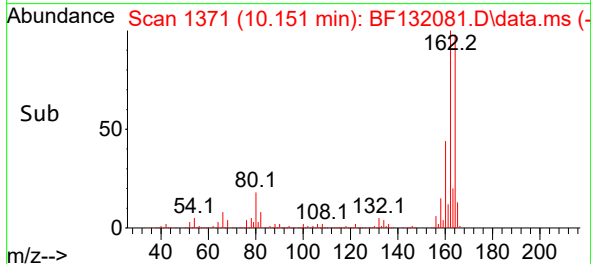
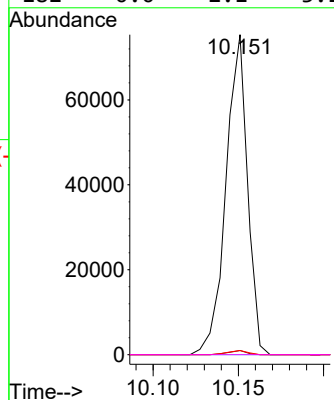
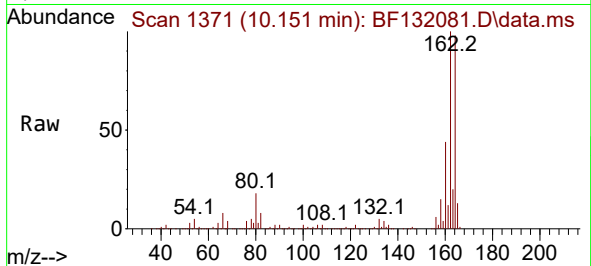




#57
2,4-Dinitrotoluene
Concen: 12.830 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

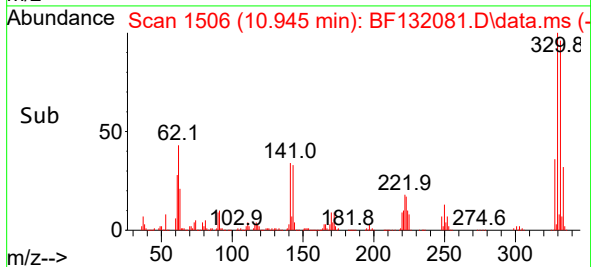
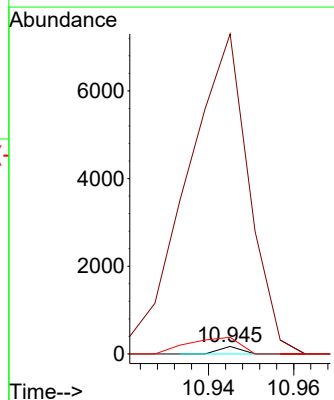
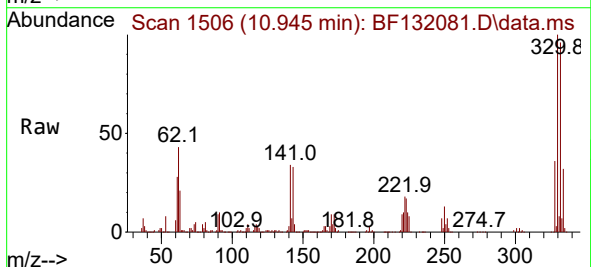
Instrument :
BNA_F
ClientSampleId :
PB150222TB

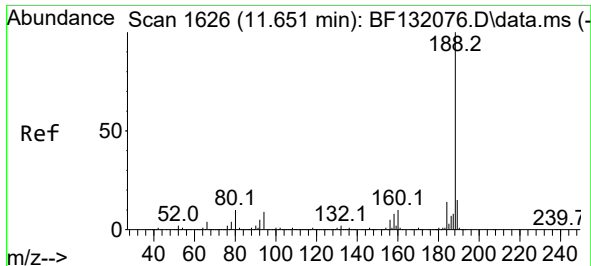
Tgt Ion:165 Resp: 66089
Ion Ratio Lower Upper
165 100
63 1.3 29.5 44.3#
89 1.3 57.8 86.8#
182 0.0 2.1 3.1#



#62
4-Nitroaniline
Concen: 3.969 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.229 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

Tgt Ion:138 Resp: 60
Ion Ratio Lower Upper
138 100
92 4292.4 36.9 76.9#
108 224.1 71.8 111.8#

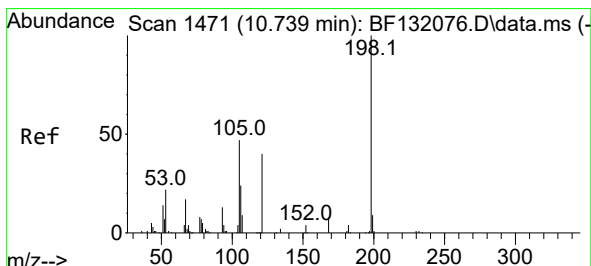
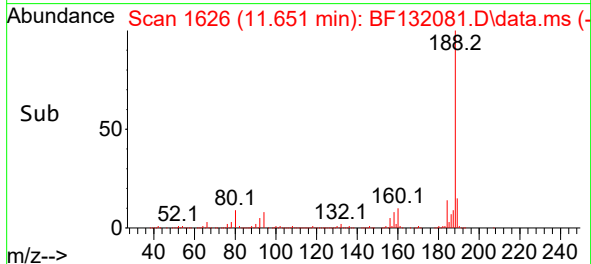
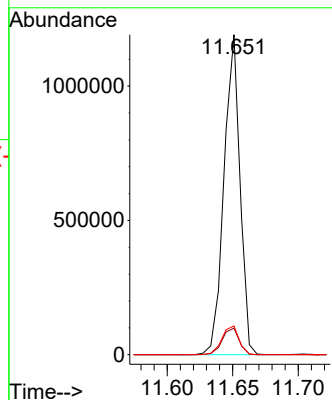
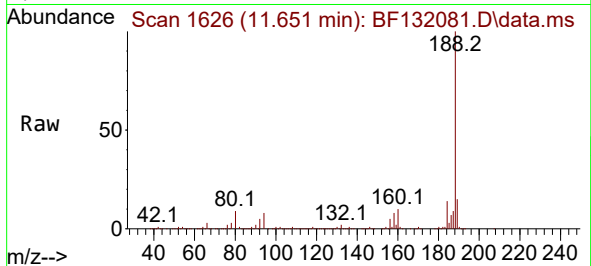




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.651 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

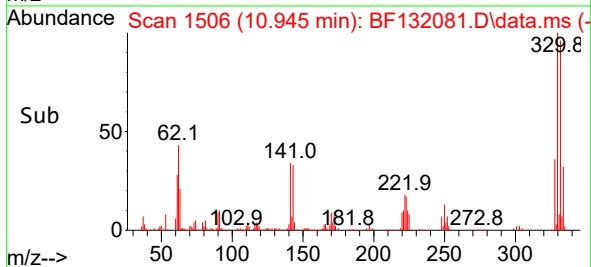
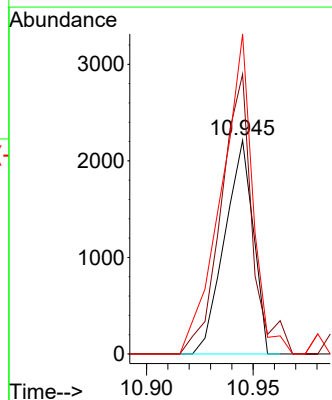
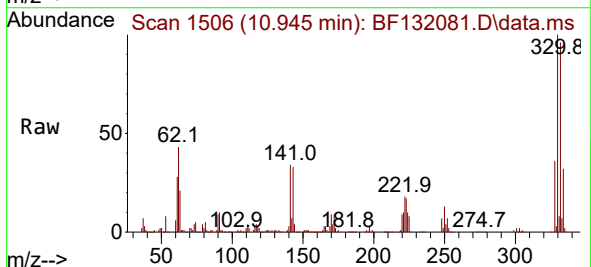
Instrument :
BNA_F
ClientSampleId :
PB150222TB

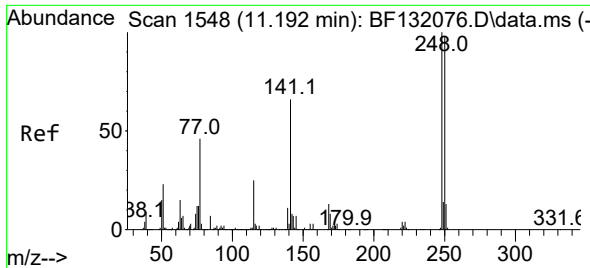
Tgt Ion:188 Resp: 1007666
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.0 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 6.651 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.206 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

Tgt Ion:198 Resp: 2068
Ion Ratio Lower Upper
198 100
51 131.0 20.4 60.4#
105 149.8 28.0 68.0#

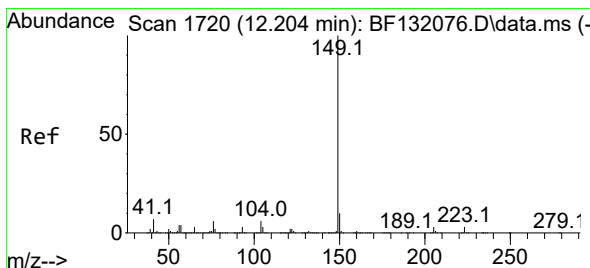
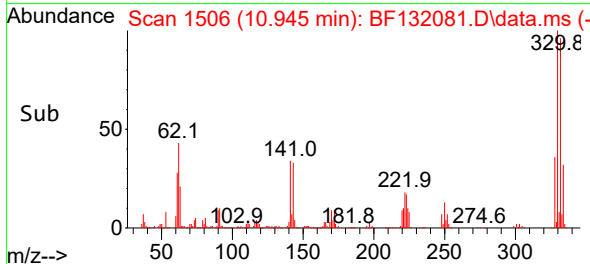
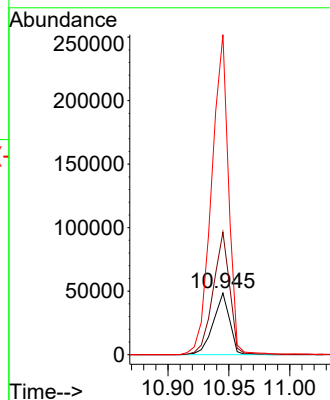
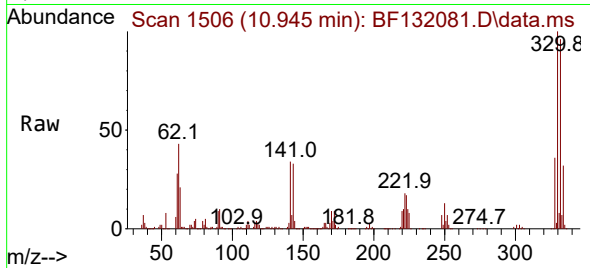




#67
4-Bromophenyl-phenylether
Concen: 4.141 ng
RT: 10.945 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

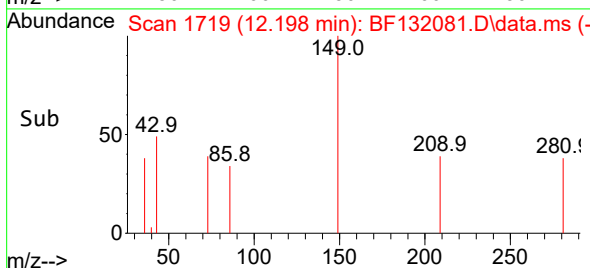
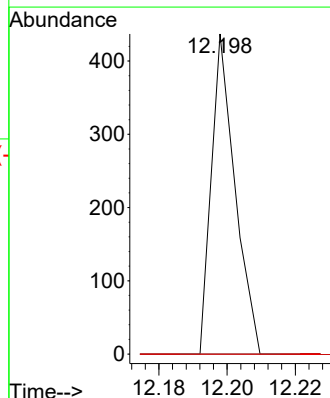
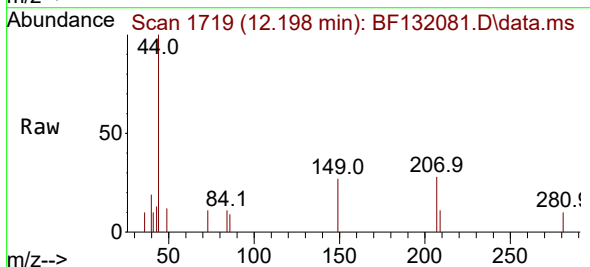
Instrument :
BNA_F
ClientSampleId :
PB150222TB

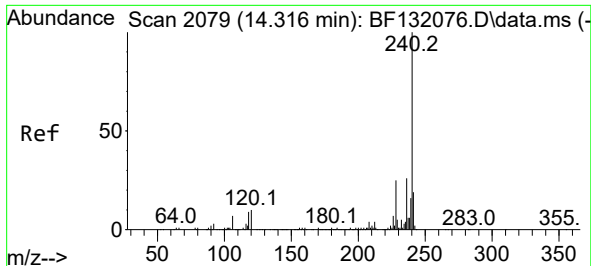
Tgt Ion:248 Resp: 45435
Ion Ratio Lower Upper
248 100
250 199.0 78.2 117.4#
141 519.9 53.2 79.8#



#74
Di-n-butylphthalate
Concen: 5.694 ng
RT: 12.198 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

Tgt Ion:149 Resp: 210
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 4.6 6.8#

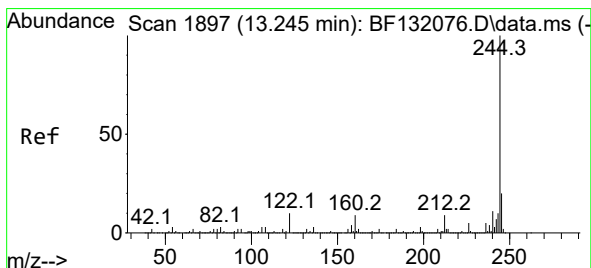
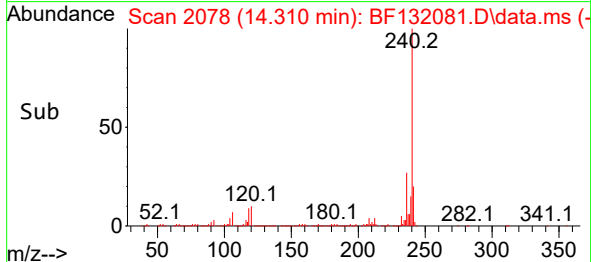
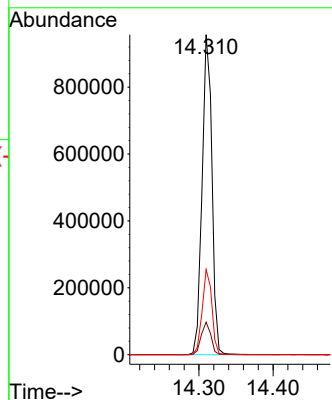
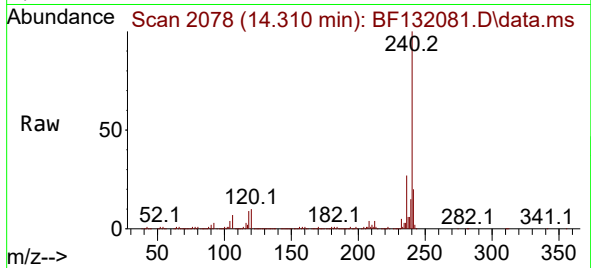




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.310 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

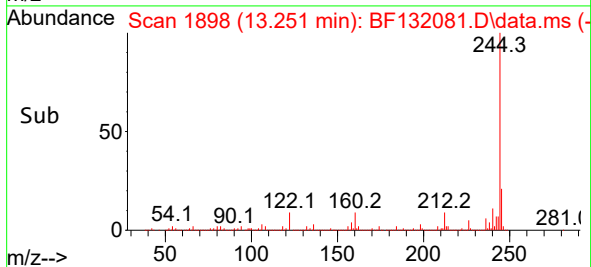
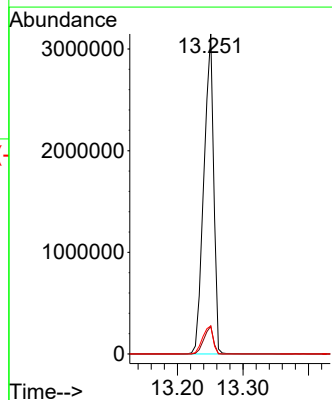
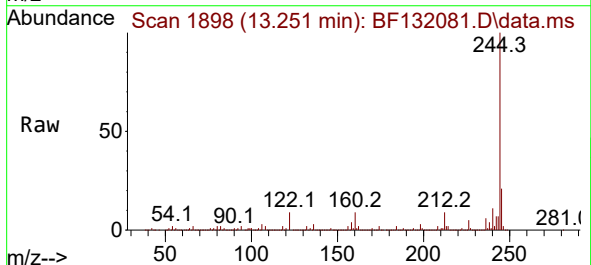
Instrument :
BNA_F
ClientSampleId :
PB150222TB

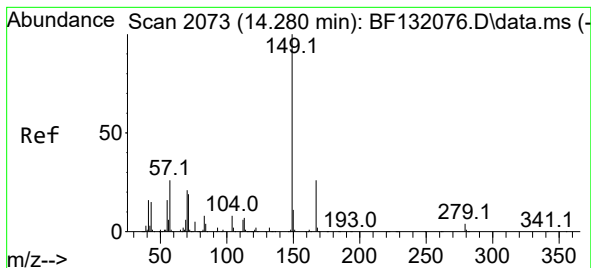
Tgt Ion:240 Resp: 879807
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 26.6 21.0 31.4



#79
Terphenyl-d14
Concen: 70.865 ng
RT: 13.251 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

Tgt Ion:244 Resp: 3281291
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.4
122 8.8 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.736 ng

RT: 14.321 min Scan# 2073

Delta R.T. 0.041 min

Lab File: BF132081.D

Acq: 16 Jan 2023 21:34

Instrument :

BNA_F

ClientSampleId :

PB150222TB

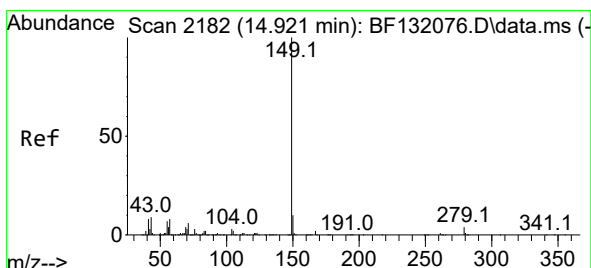
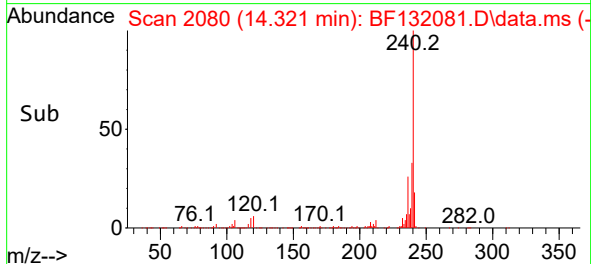
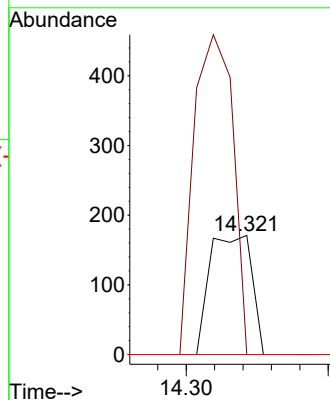
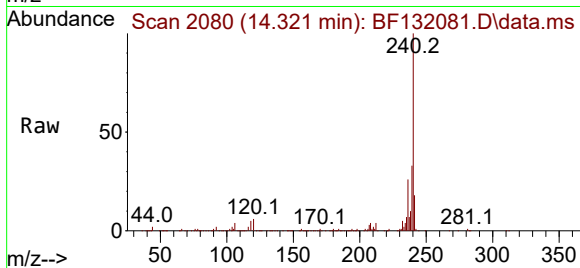
Tgt Ion:149 Resp: 176

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: 14.933 min Scan# 2184

Delta R.T. 0.012 min

Lab File: BF132081.D

Acq: 16 Jan 2023 21:34

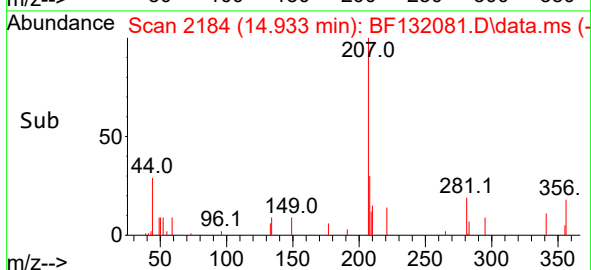
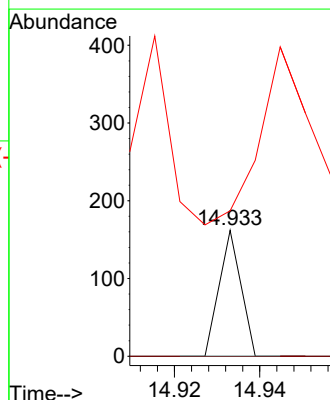
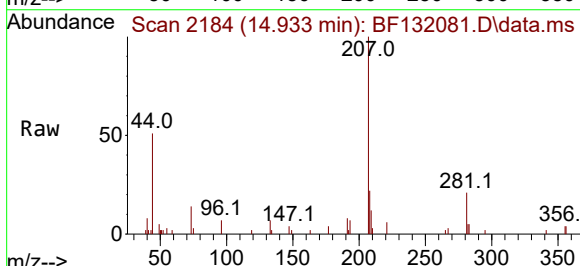
Tgt Ion:149 Resp: 57

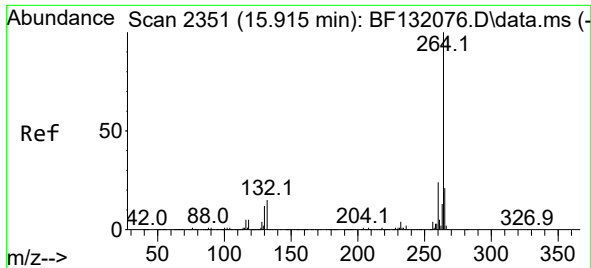
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 457.9 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF132081.D
Acq: 16 Jan 2023 21:34

Instrument :
BNA_F
ClientSampleId :
PB150222TB

Tgt Ion:264 Resp: 845284
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.2 17.1 25.7

