

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130033.D
 Acq On : 29 Aug 2022 14:10
 Operator : CG\JU
 Sample : PB147234BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147234BL

Quant Time: Aug 30 01:26:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

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

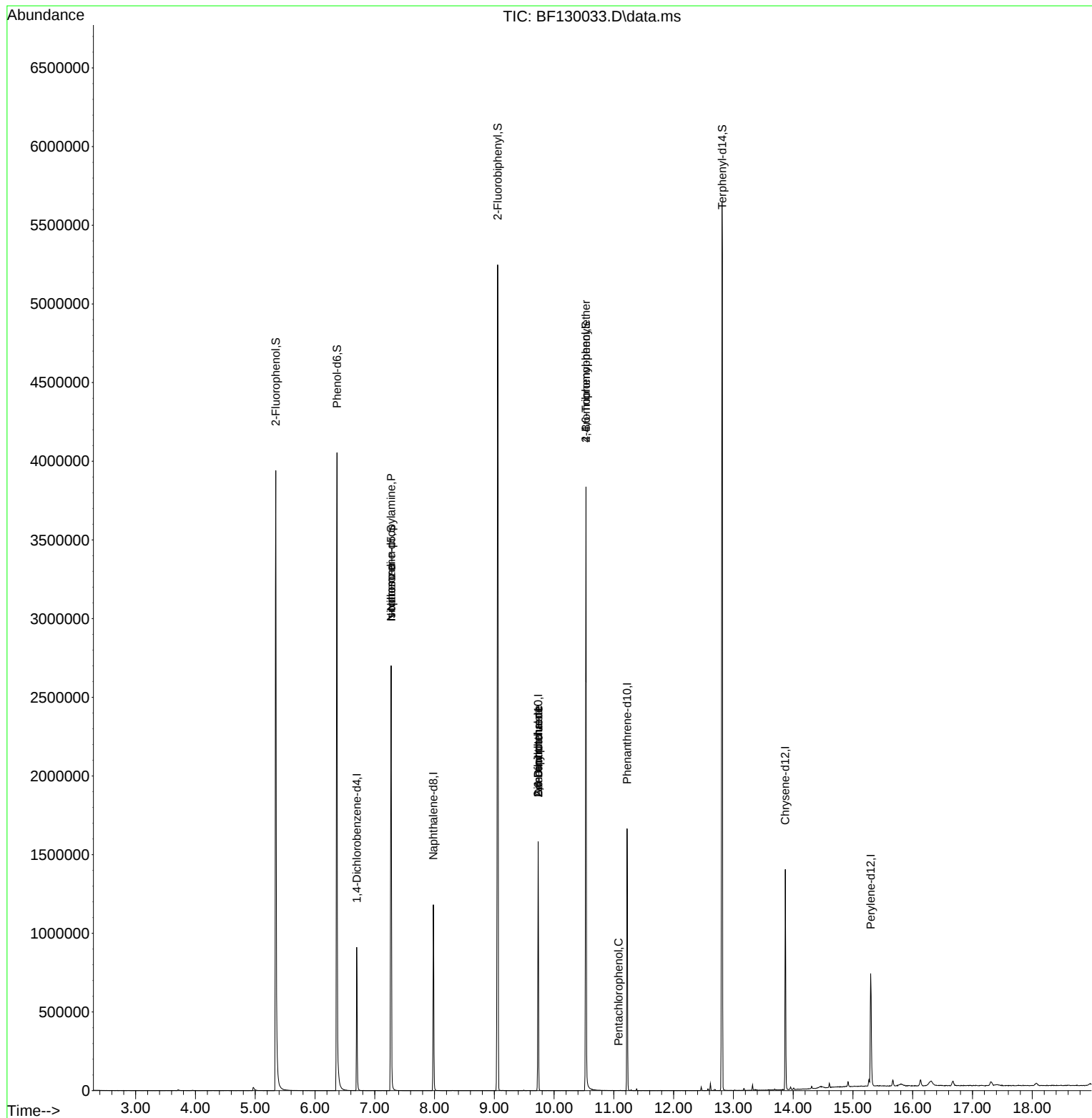
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	129457	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	530750	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	293282	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	555859	20.000	ng	0.00
76) Chrysene-d12	13.868	240	428460	20.000	ng	0.00
86) Perylene-d12	15.298	264	311155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1120284	143.280	ng	0.01
7) Phenol-d6	6.369	99	1389785	141.939	ng	0.00
23) Nitrobenzene-d5	7.275	82	906384	91.419	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	440650	149.702	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1729661	89.573	ng	0.00
79) Terphenyl-d14	12.816	244	2191570	85.110	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	2410	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.275	70	123230	19.911	ng	# 78
25) Isophorone	7.275	82	906374	53.114	ng	# 65
50) Dimethylphthalate	9.733	163	52721	2.508	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	37452	8.212	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	37452	6.326	ng	# 17
67) 4-Bromophenyl-phenylether	10.533	248	28521	4.381	ng	# 1
70) Pentachlorophenol	11.080	266	77	5.216	ng	# 20
77) Benzidine	12.574	184	4978	Below Cal	#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
Data File : BF130033.D
Acq On : 29 Aug 2022 14:10
Operator : CG\JU
Sample : PB147234BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB147234BL

Quant Time: Aug 30 01:26:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 30 01:22:56 2022
Response via : Initial Calibration

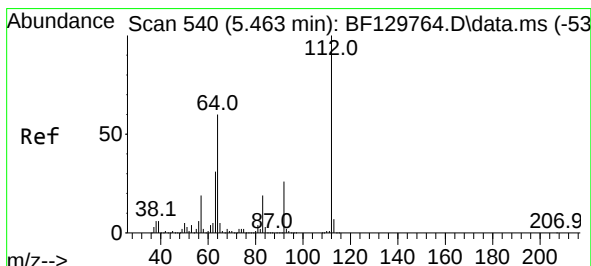
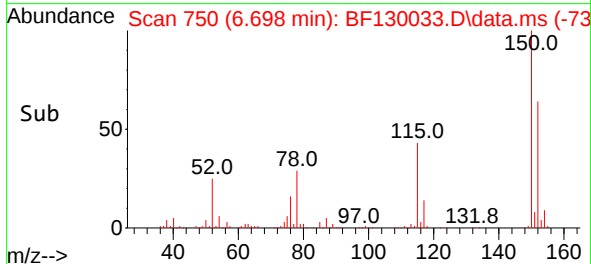
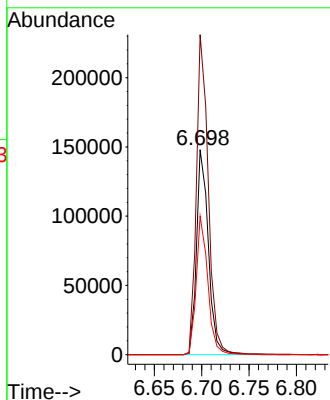
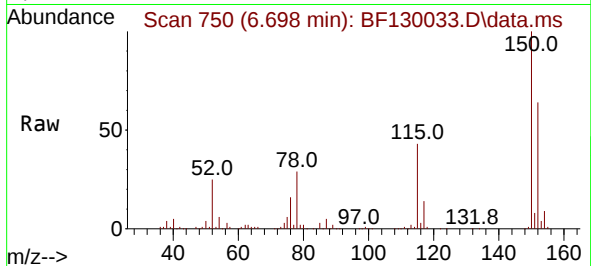




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130033.D
 Acq: 29 Aug 2022 14:10

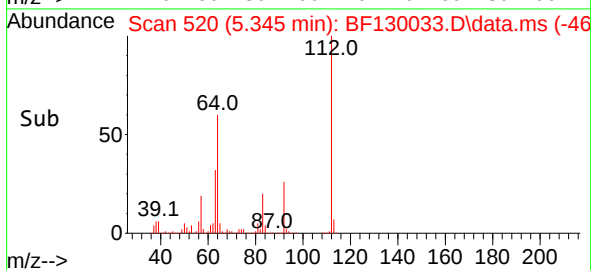
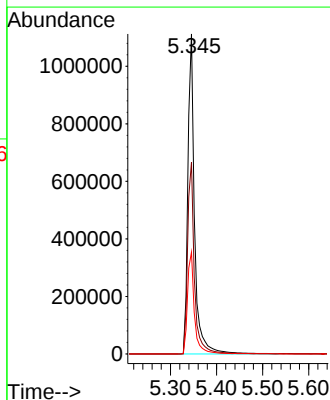
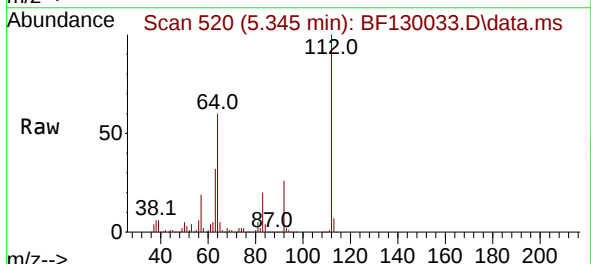
Instrument :
 BNA_F
 ClientSampleId :
 PB147234BL

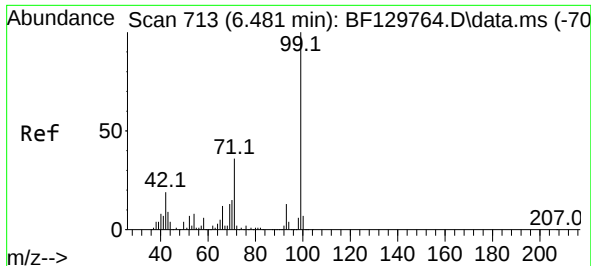
Tgt Ion:152 Resp: 129457
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.9 190.3
 115 67.6 53.4 80.0



#5
 2-Fluorophenol
 Concen: 143.280 ng
 RT: 5.345 min Scan# 520
 Delta R.T. 0.012 min
 Lab File: BF130033.D
 Acq: 29 Aug 2022 14:10

Tgt Ion:112 Resp: 1120284
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.6 71.4
 63 31.8 24.6 37.0

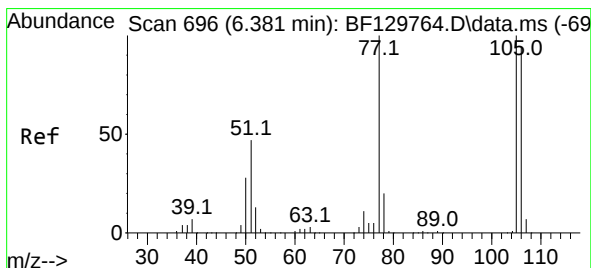
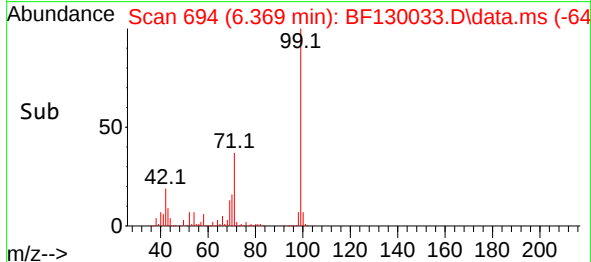
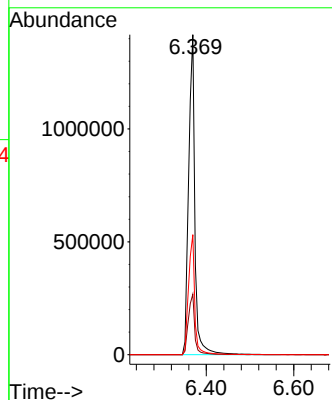
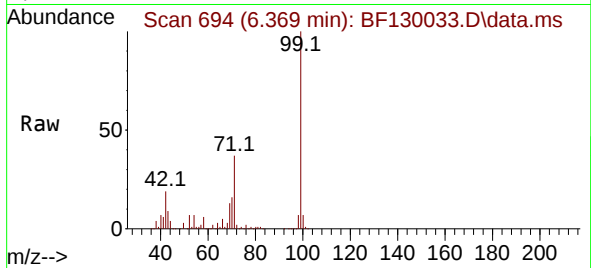




#7
Phenol-d6
Concen: 141.939 ng
RT: 6.369 min Scan# 694
Delta R.T. 0.000 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

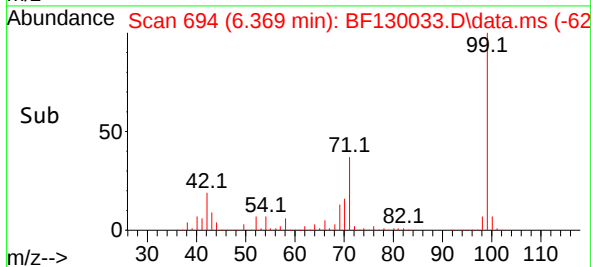
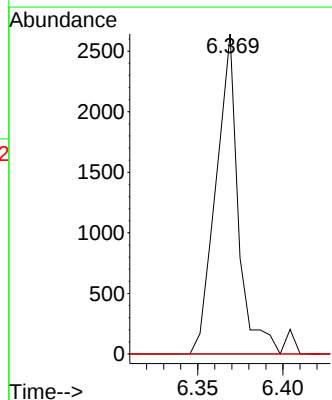
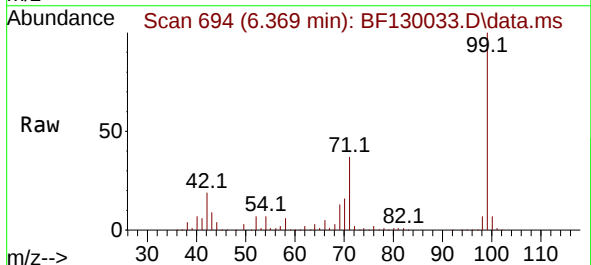
Instrument :
BNA_F
ClientSampleId :
PB147234BL

Tgt Ion: 99 Resp: 1389785
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 37.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 694
Delta R.T. 0.106 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

Tgt Ion: 77 Resp: 2410
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

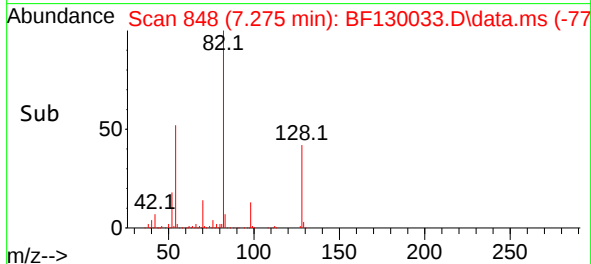
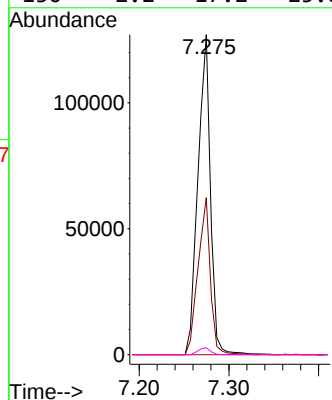
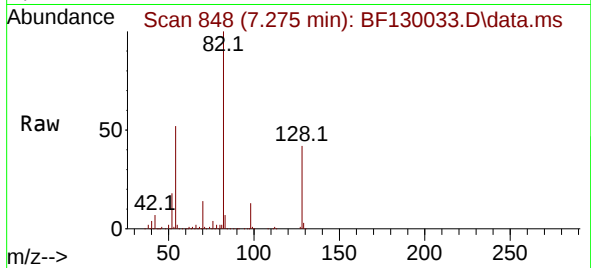




#19
n-Nitroso-di-n-propylamine
Concen: 19.911 ng
RT: 7.275 min Scan# 84
Delta R.T. 0.147 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

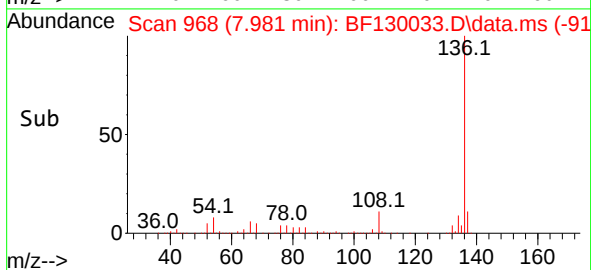
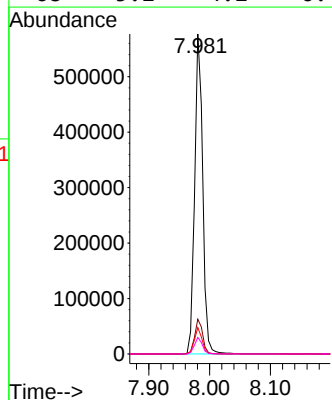
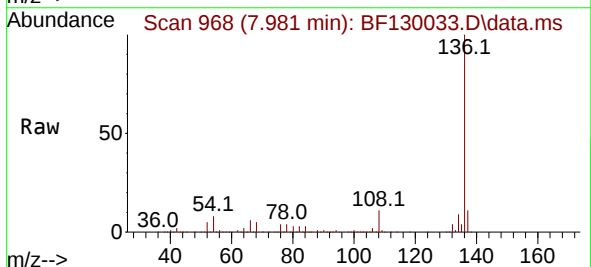
Instrument :
BNA_F
ClientSampleId :
PB147234BL

Tgt Ion: 70 Resp: 123230
Ion Ratio Lower Upper
70 100
42 49.1 47.6 71.4
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

Tgt Ion: 136 Resp: 530750
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.3 6.2 9.2
68 5.2 4.2 6.4

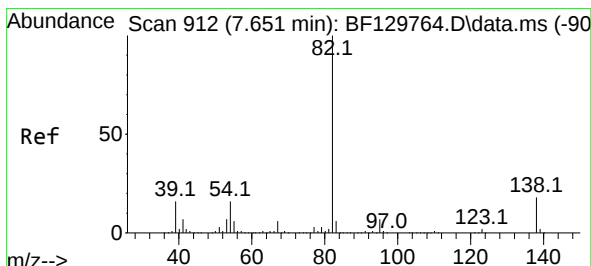
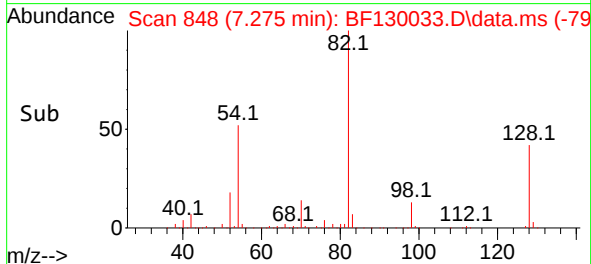
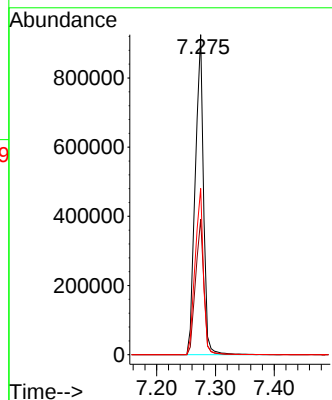
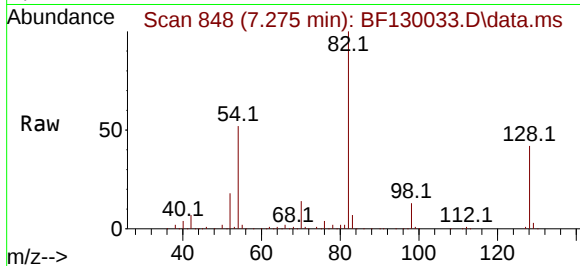




#23
Nitrobenzene-d5
Concen: 91.419 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

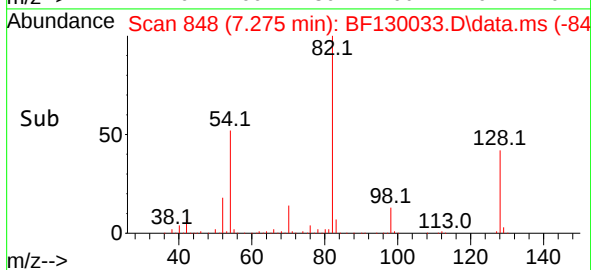
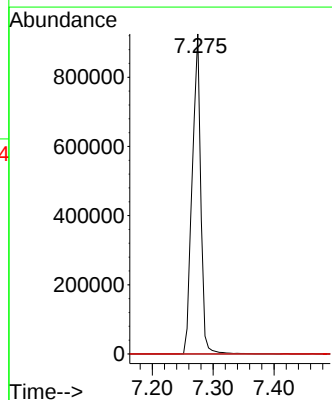
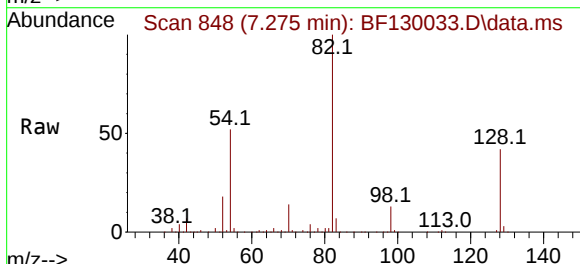
Instrument :
BNA_F
ClientSampleId :
PB147234BL

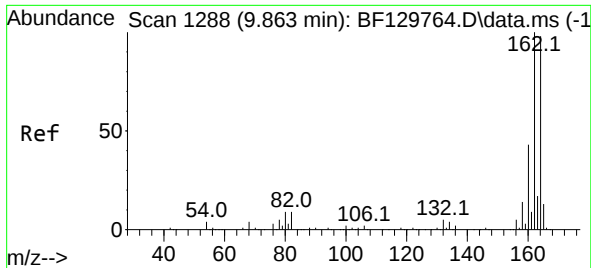
Tgt Ion: 82 Resp: 906384
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 52.0 40.0 60.0



#25
Isophorone
Concen: 53.114 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.259 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

Tgt Ion: 82 Resp: 906374
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

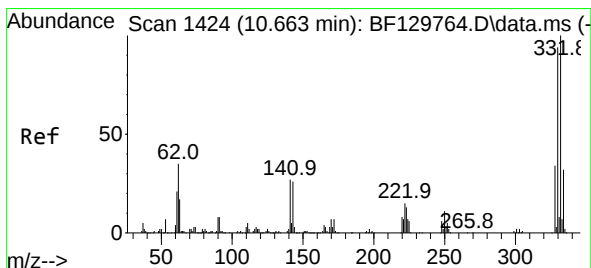
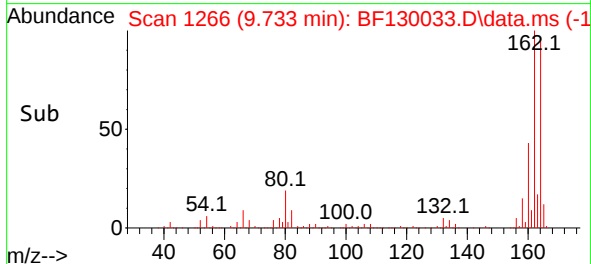
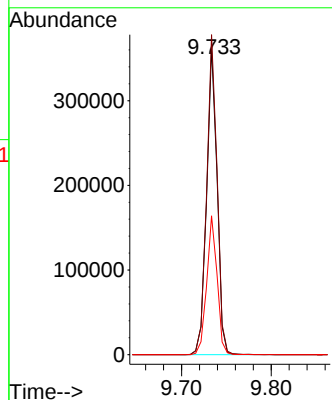
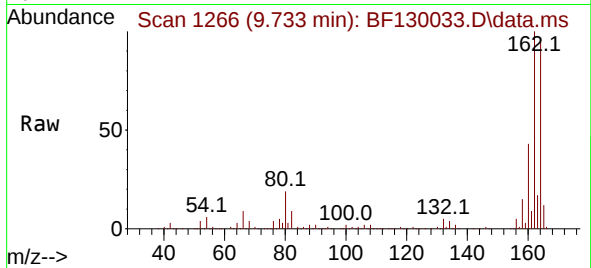




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

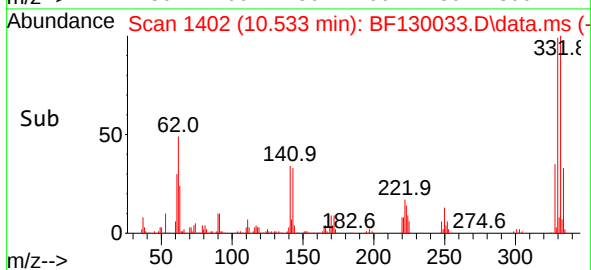
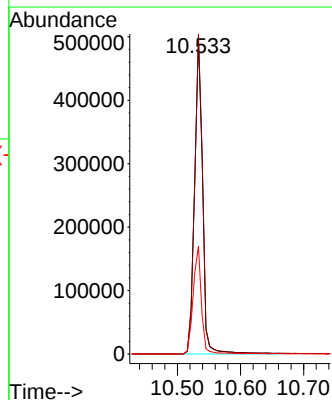
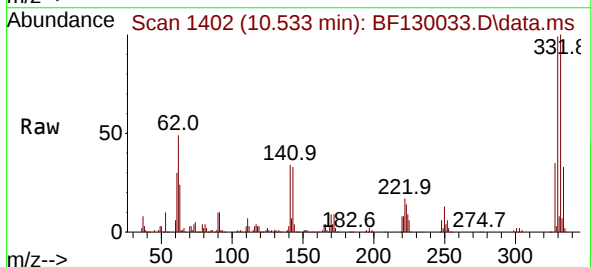
Instrument :
BNA_F
ClientSampleId :
PB147234BL

Tgt Ion:164 Resp: 293282
Ion Ratio Lower Upper
164 100
162 104.3 82.0 123.0
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 149.702 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

Tgt Ion:330 Resp: 440650
Ion Ratio Lower Upper
330 100
332 101.6 82.6 124.0
141 35.1 27.6 41.4

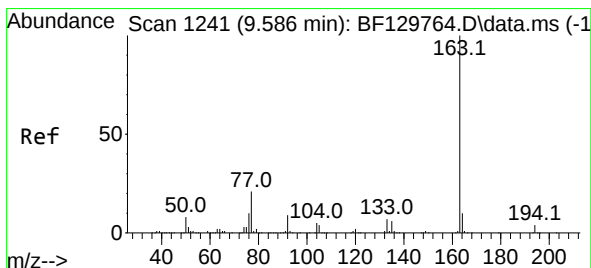
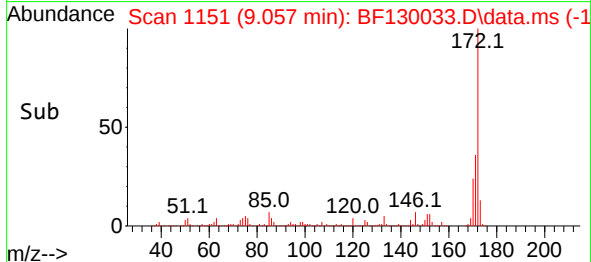
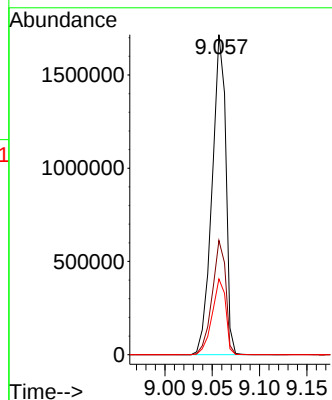
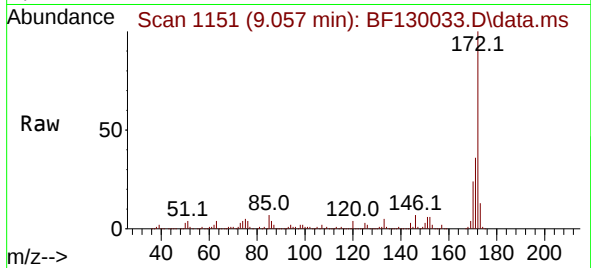




#45
2-Fluorobiphenyl
Concen: 89.573 ng
RT: 9.057 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

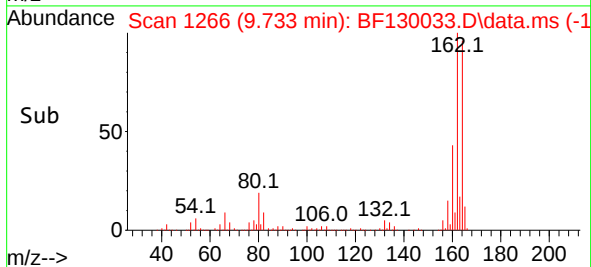
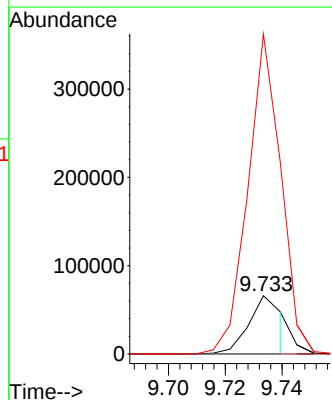
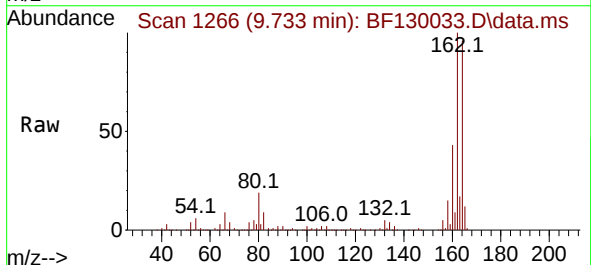
Instrument :
BNA_F
ClientSampleId :
PB147234BL

Tgt Ion:172 Resp: 1729661
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 2.508 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.265 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

Tgt Ion:163 Resp: 52721
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 550.0 8.2 12.2#

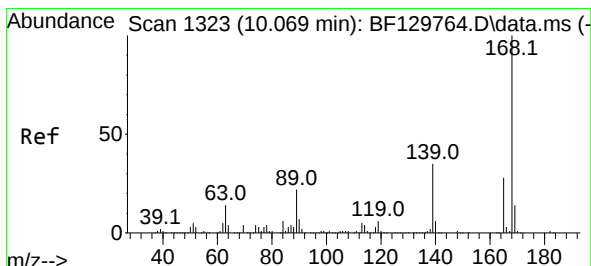
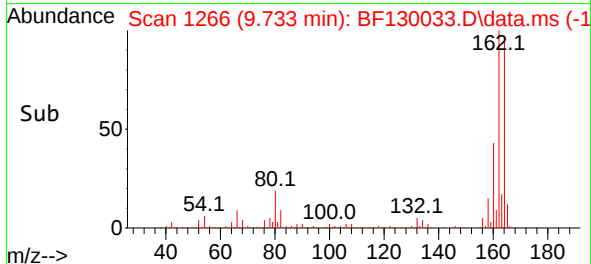
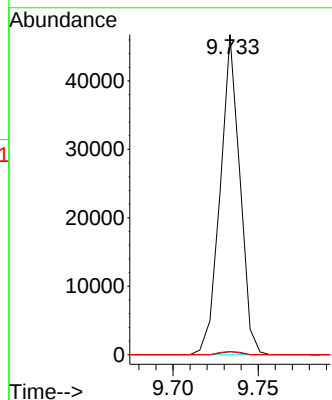
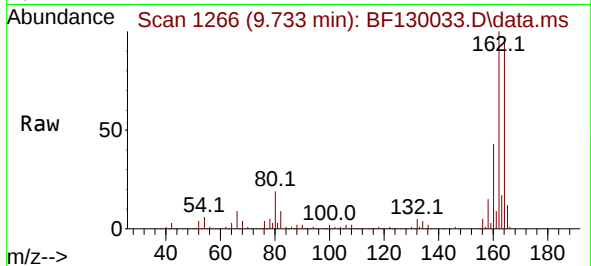




#51
2,6-Dinitrotoluene
Concen: 8.212 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.188 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

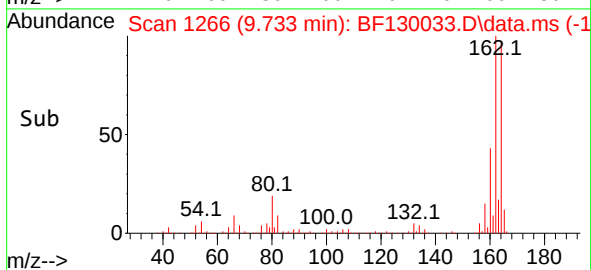
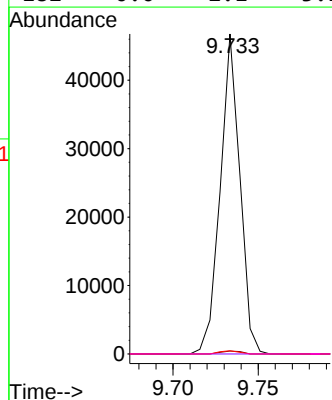
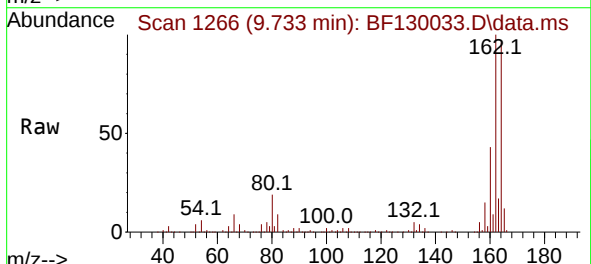
Instrument :
BNA_F
ClientSampleId :
PB147234BL

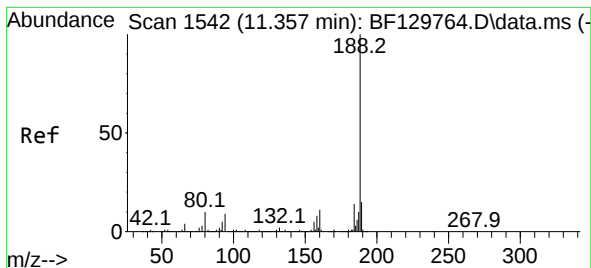
Tgt Ion:165 Resp: 37452
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.326 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.217 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

Tgt Ion:165 Resp: 37452
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.0 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130033.D

Acq: 29 Aug 2022 14:10

Instrument :

BNA_F

ClientSampleId :

PB147234BL

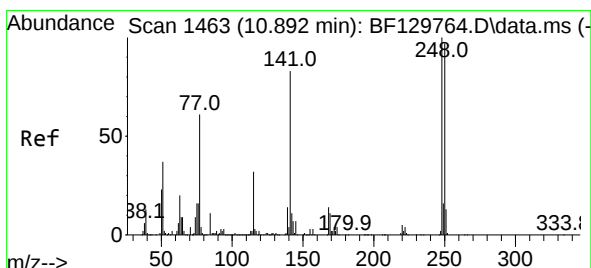
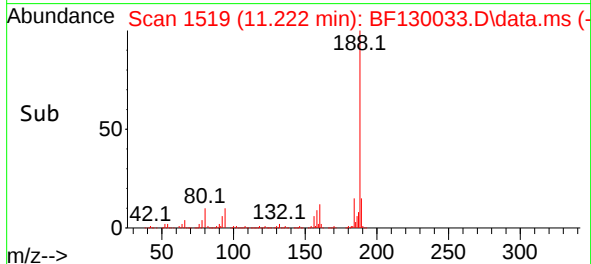
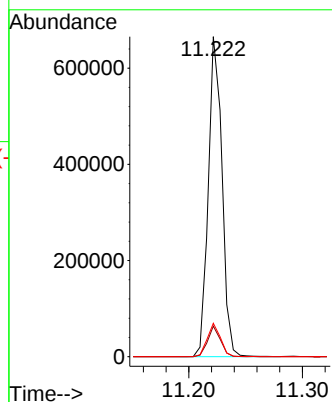
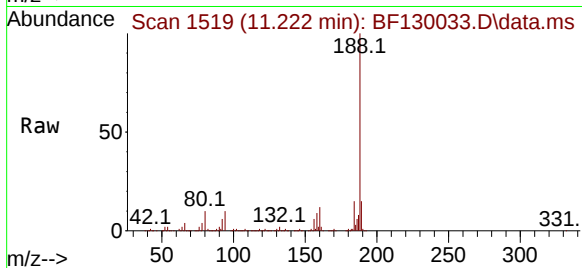
Tgt Ion:188 Resp: 555859

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.4 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.381 ng

RT: 10.533 min Scan# 1402

Delta R.T. -0.235 min

Lab File: BF130033.D

Acq: 29 Aug 2022 14:10

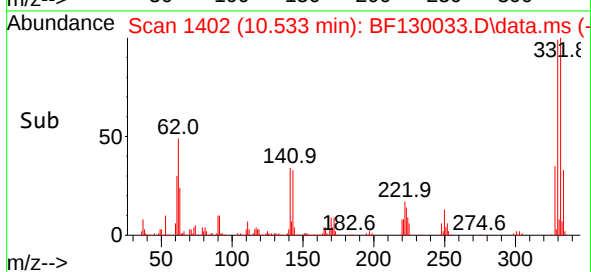
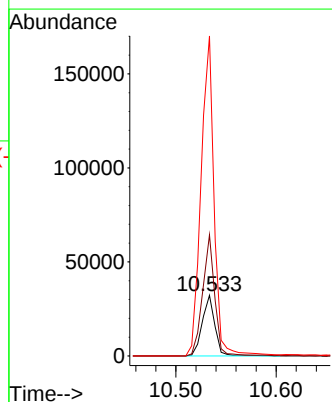
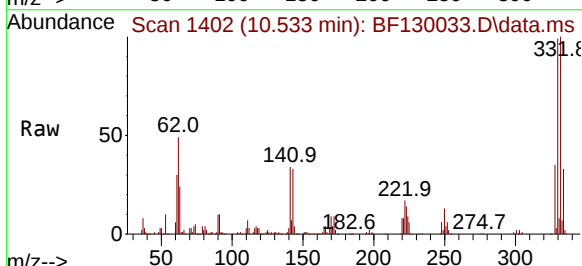
Tgt Ion:248 Resp: 28521

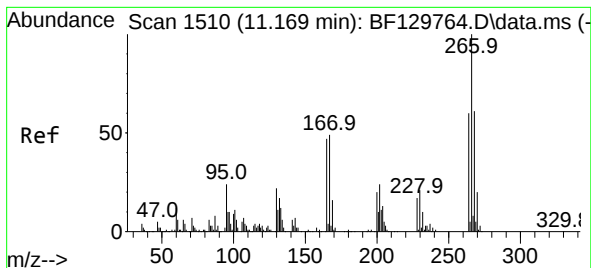
Ion Ratio Lower Upper

248 100

250 199.9 77.8 116.6#

141 527.8 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.216 ng

RT: 11.080 min Scan# 14

Delta R.T. 0.030 min

Lab File: BF130033.D

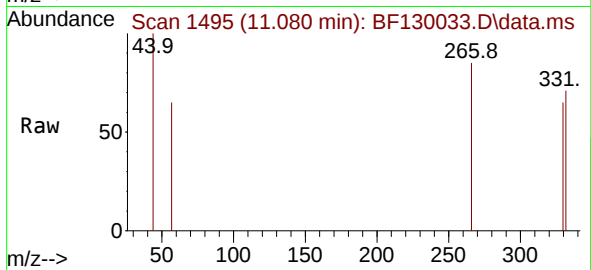
Acq: 29 Aug 2022 14:10

Instrument :

BNA_F

ClientSampleId :

PB147234BL



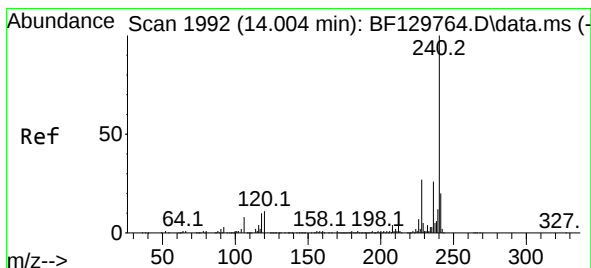
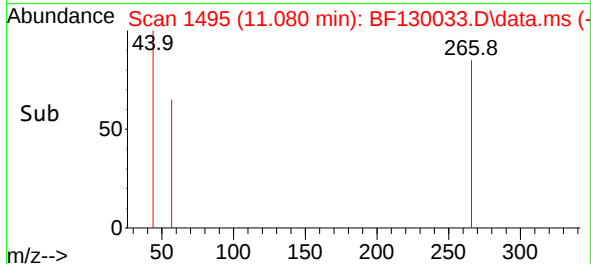
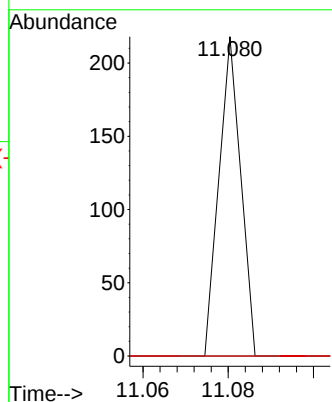
Tgt Ion:266 Resp: 77

Ion Ratio Lower Upper

266 100

268 0.0 49.0 73.4#

264 0.0 47.9 71.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BF130033.D

Acq: 29 Aug 2022 14:10

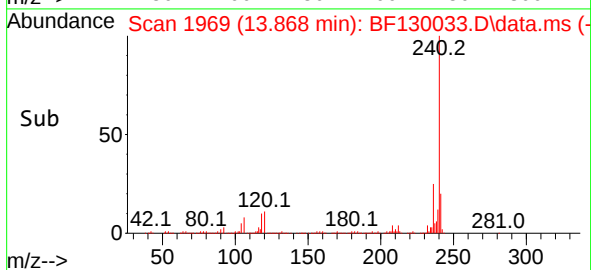
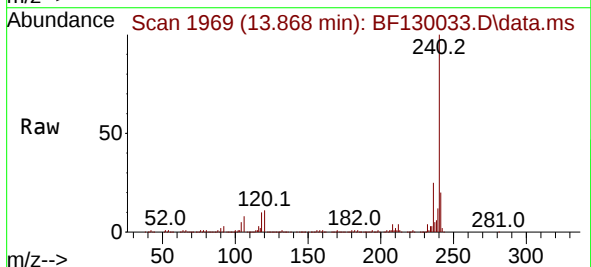
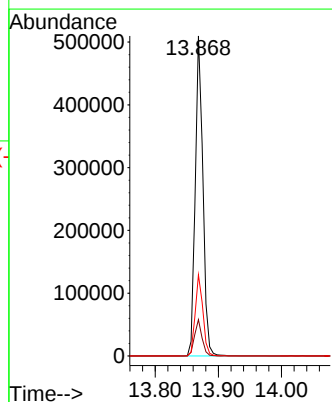
Tgt Ion:240 Resp: 428460

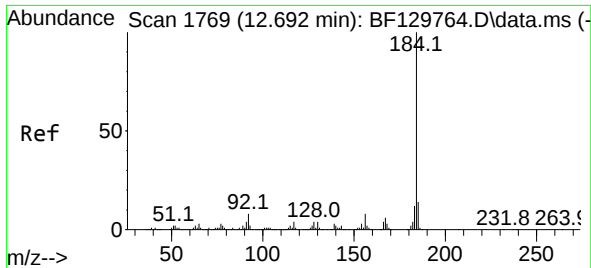
Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

236 25.3 20.7 31.1

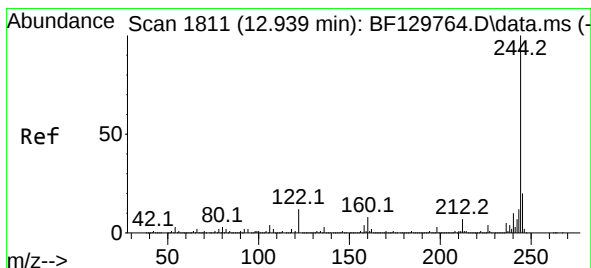
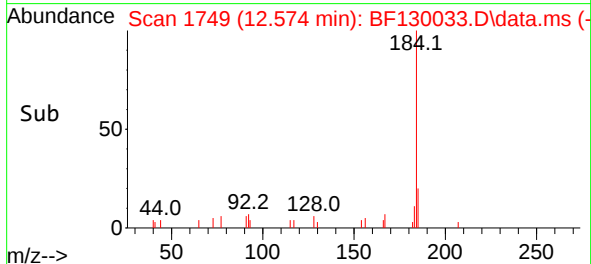
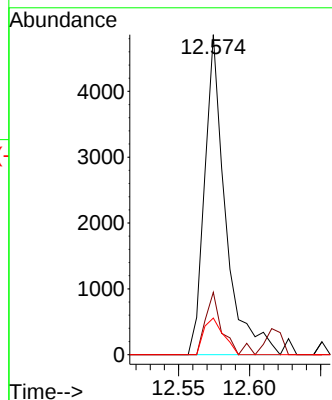
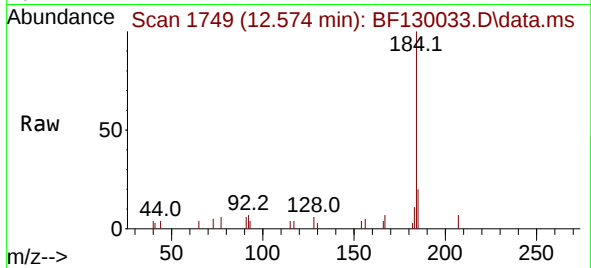




#77
Benzidine
Concen: Below Cal
RT: 12.574 min Scan# 1749
Delta R.T. 0.006 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

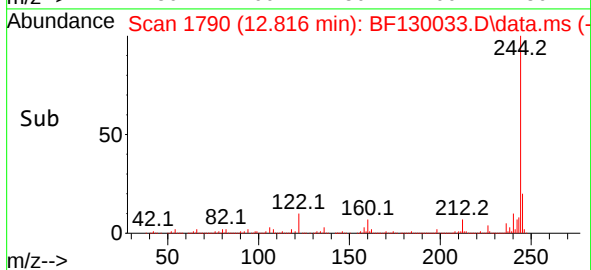
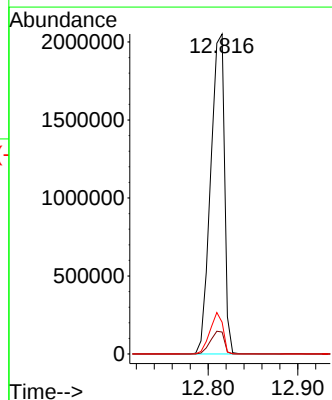
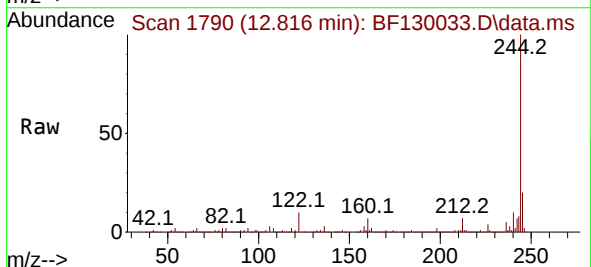
Instrument :
BNA_F
ClientSampleId :
PB147234BL

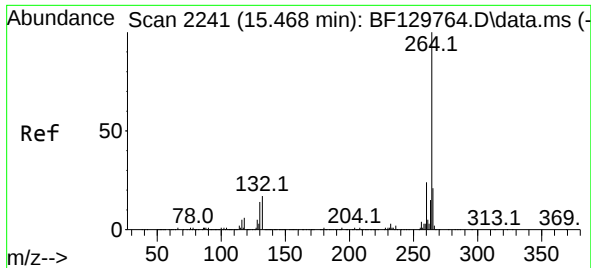
Tgt Ion:184 Resp: 4978
Ion Ratio Lower Upper
184 100
185 19.5 11.4 17.2#
183 11.4 9.4 14.2



#79
Terphenyl-d14
Concen: 85.110 ng
RT: 12.816 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF130033.D
Acq: 29 Aug 2022 14:10

Tgt Ion:244 Resp: 2191570
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.9 9.9 14.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130033.D
 Acq: 29 Aug 2022 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB147234BL

Tgt Ion:264 Resp: 311155
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 22.5 16.7 25.1

