

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126157.D
 Acq On : 12 Nov 2021 15:23
 Operator : JU/CG
 Sample : M4572-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6

Quant Time: Nov 15 06:36:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

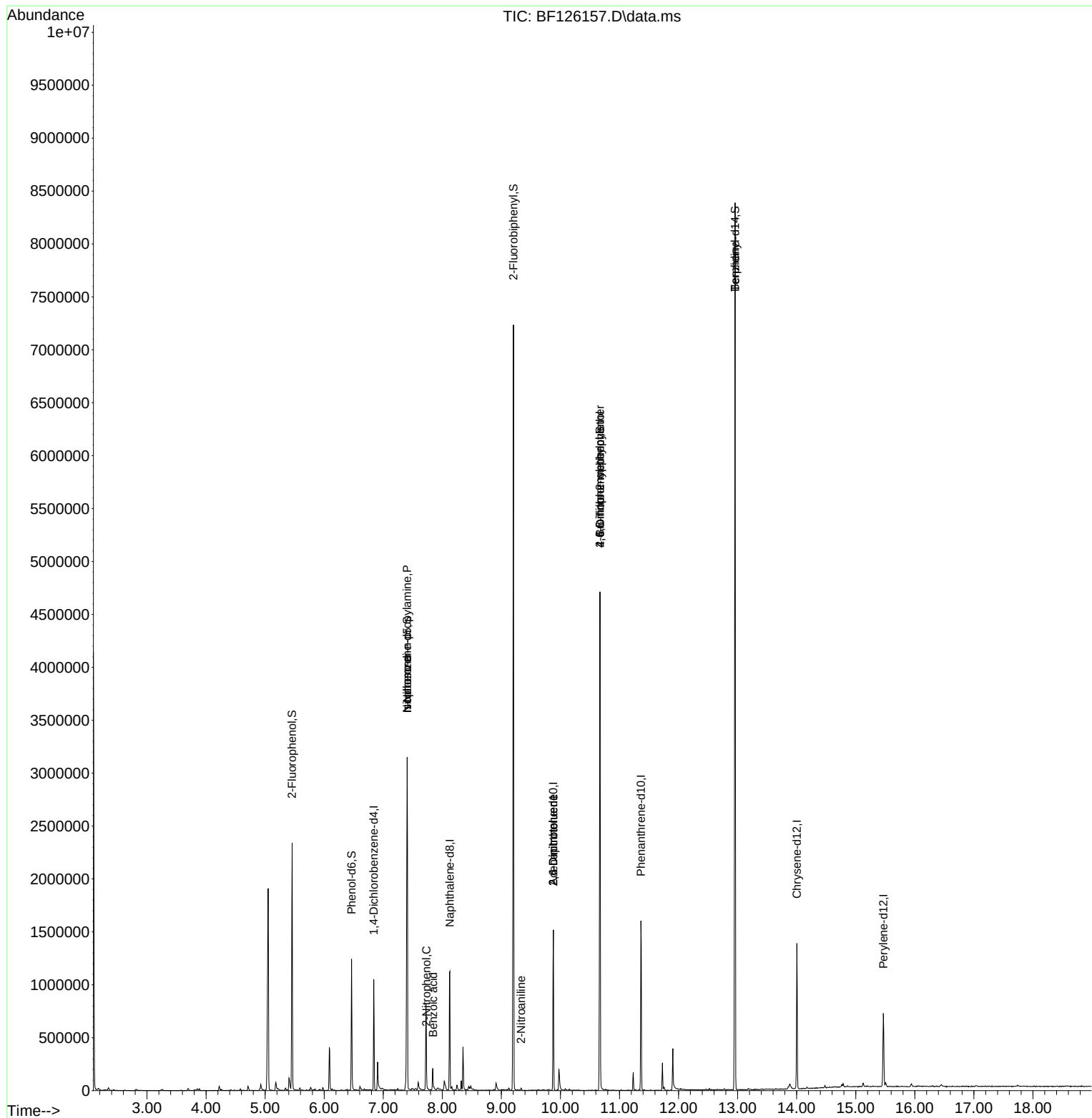
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	128348	20.000	ng	-0.02
21) Naphthalene-d8	8.128	136	466886	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	288587	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	567244	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	444931	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	306482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	477716	63.918	ng	0.00
7) Phenol-d6	6.463	99	285241	27.074	ng	-0.02
23) Nitrobenzene-d5	7.404	82	1020300	103.061	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	523876	158.404	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1919171	89.869	ng	-0.01
79) Terphenyl-d14	12.957	244	2599622	94.217	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.386	77	1719	Below Cal	#	65
19) n-Nitroso-di-n-propyla...	7.404	70	144854	20.855	ng	# 58
25) Isophorone	7.404	82	1014361	56.909	ng	# 59
26) 2-Nitrophenol	7.733	139	343	4.718	ng	# 1
32) Benzoic acid	7.845	122	4515	10.049	ng	# 83
48) 2-Nitroaniline	9.333	65	392	2.913	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	37532	10.422	ng	# 29
57) 2,4-Dinitrotoluene	9.880	165	37532	9.923	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.669	198	1600	8.801	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	34811	5.067	ng	# 1
77) Benzidine	12.957	184	40165	2.700	ng	# 94

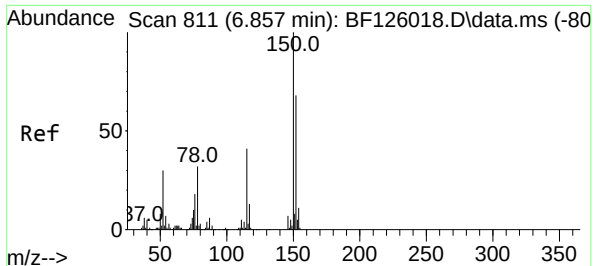
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
Data File : BF126157.D
Acq On : 12 Nov 2021 15:23
Operator : JU/CG
Sample : M4572-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6

Quant Time: Nov 15 06:36:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

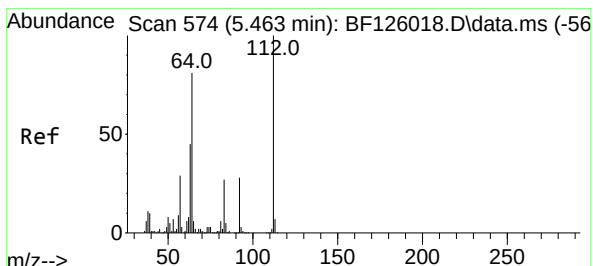
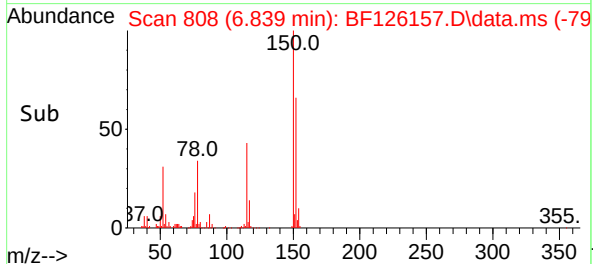
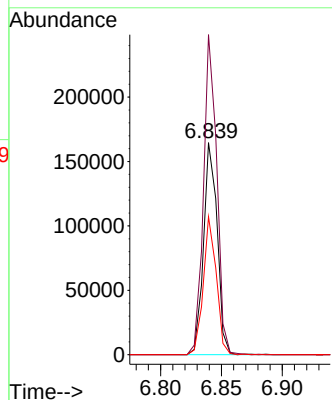
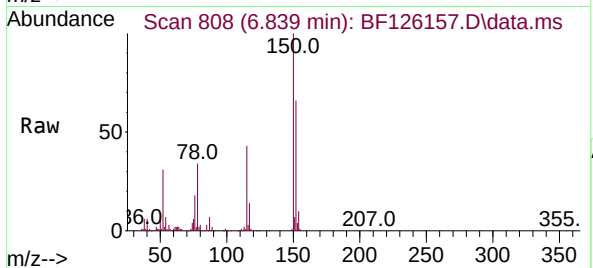




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

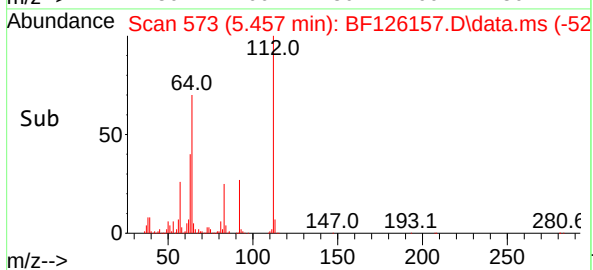
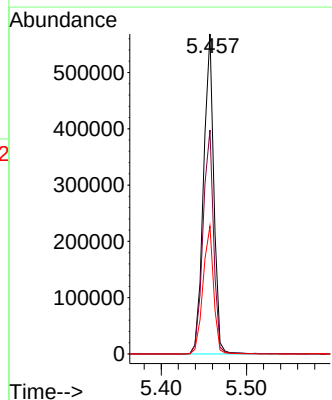
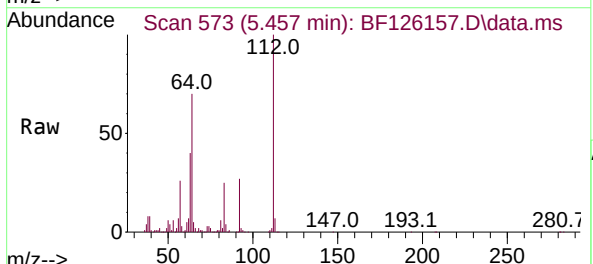
Instrument :
BNA_F
ClientSampleId :
6

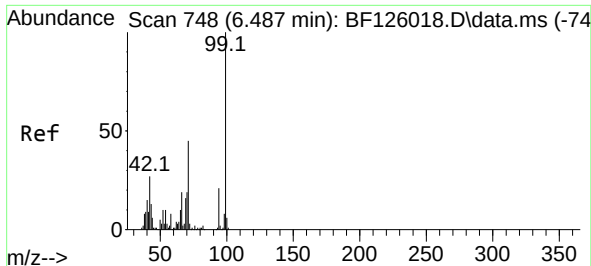
Tgt Ion:152 Resp: 128348
Ion Ratio Lower Upper
152 100
150 151.0 117.6 176.4
115 65.1 47.1 70.7



#5
2-Fluorophenol
Concen: 63.918 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

Tgt Ion:112 Resp: 477716
Ion Ratio Lower Upper
112 100
64 69.9 44.2 66.2#
63 39.9 26.2 39.2#





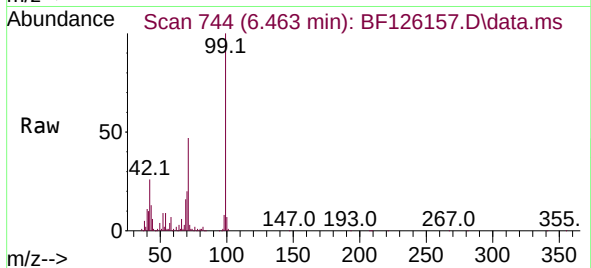
#7
Phenol-d6
Concen: 27.074 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.024 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

Instrument :

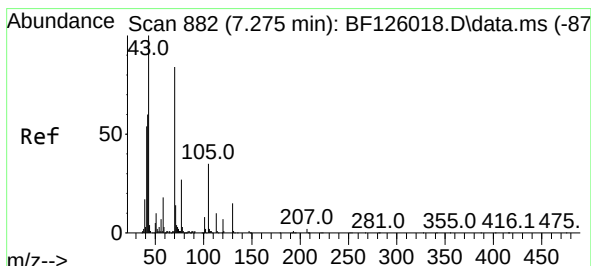
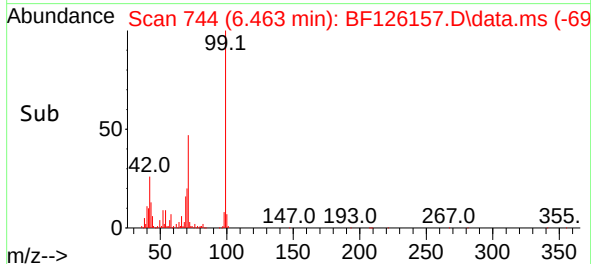
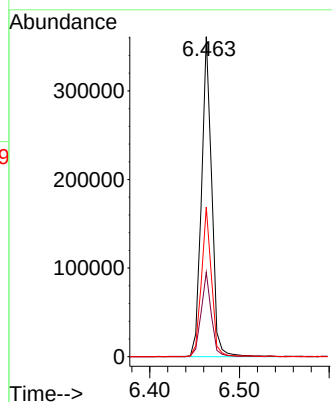
BNA_F

ClientSampleId :

6

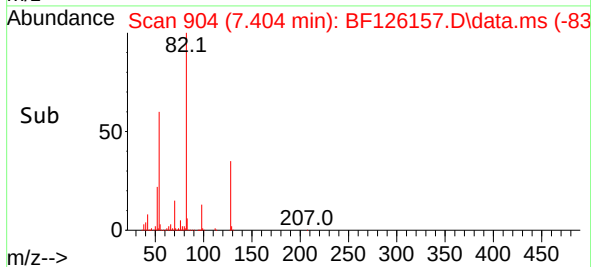
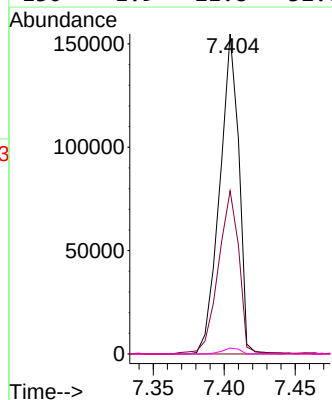
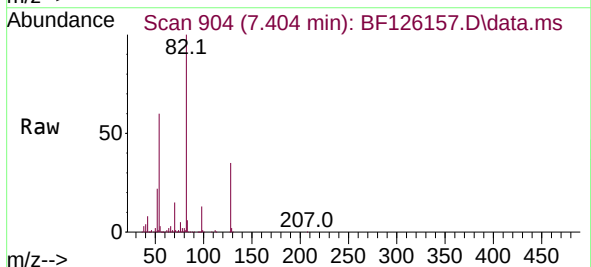


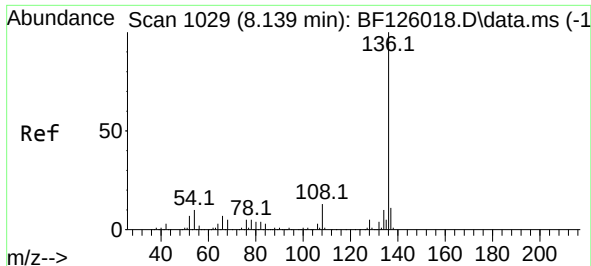
Tgt Ion: 99 Resp: 285241
Ion Ratio Lower Upper
99 100
42 26.4 23.5 35.3
71 46.8 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.855 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

Tgt Ion: 70 Resp: 144854
Ion Ratio Lower Upper
70 100
42 51.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

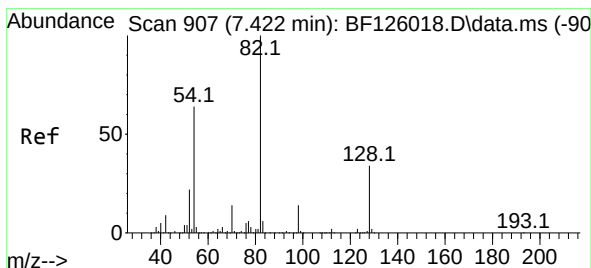
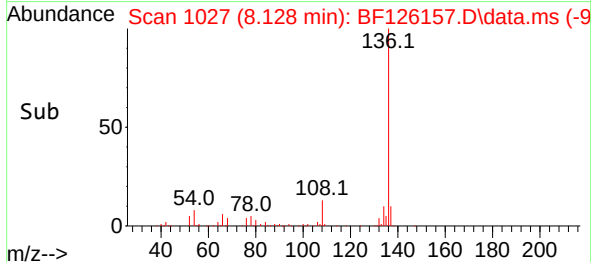
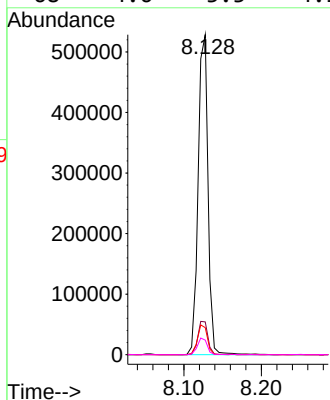
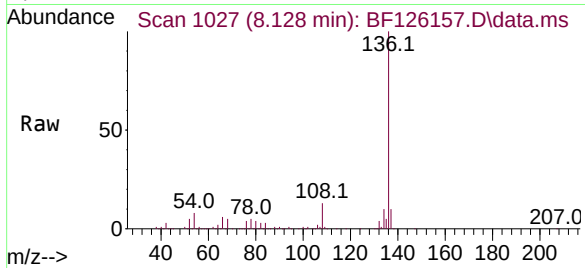




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

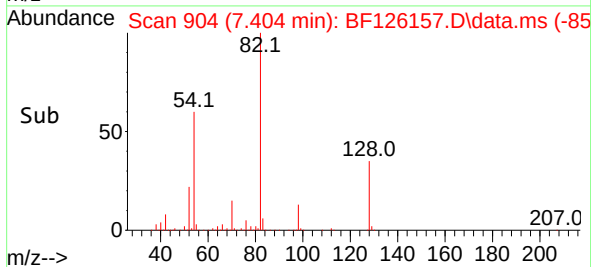
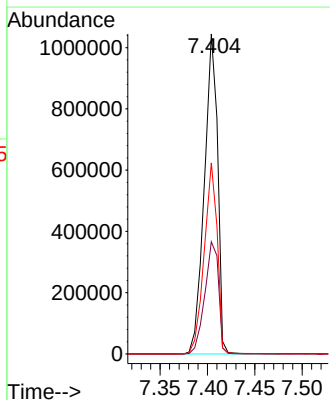
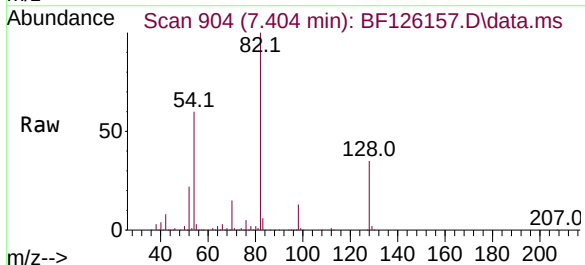
Instrument :
BNA_F
ClientSampleId :
6

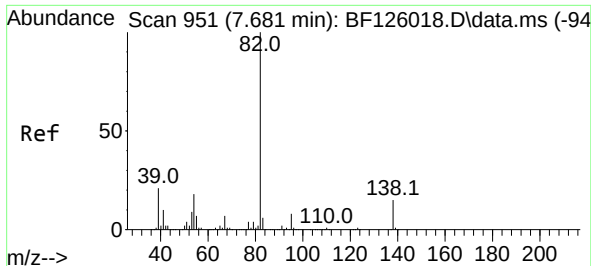
Tgt Ion:	136	Resp:	466886
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.8	14.6
54	8.4	6.4	9.6
68	4.6	3.3	4.9



#23
Nitrobenzene-d5
Concen: 103.061 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

Tgt Ion:	82	Resp:	1020300
Ion	Ratio	Lower	Upper
82	100		
128	35.1	40.6	60.8#
54	59.7	49.6	74.4

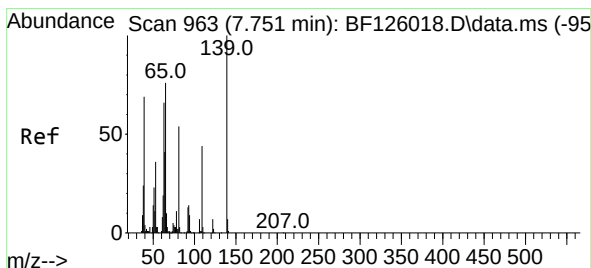
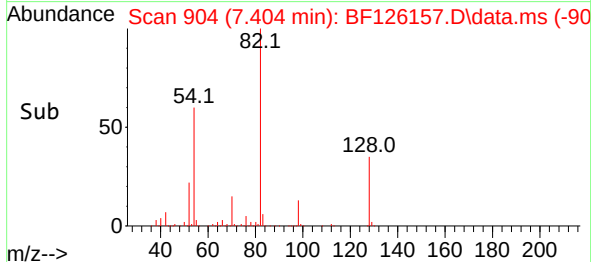
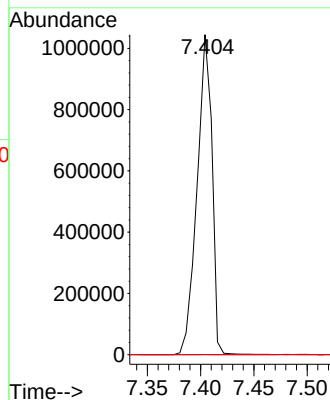
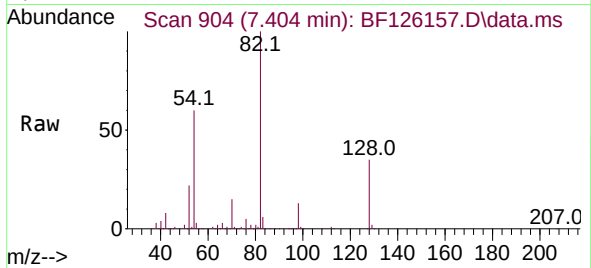




#25
Isophorone
Concen: 56.909 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

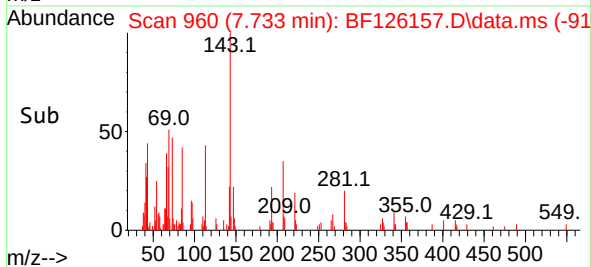
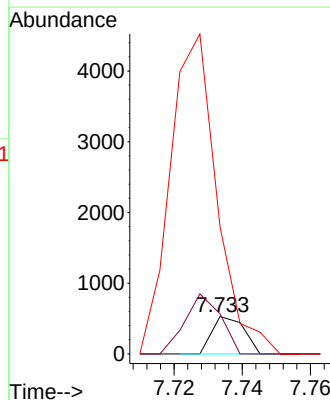
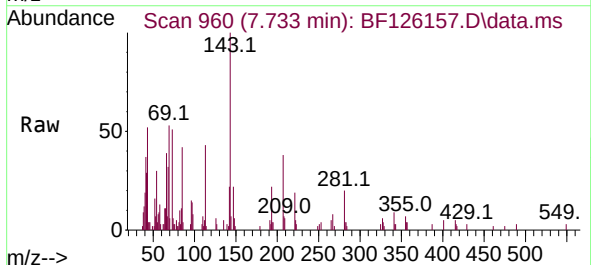
Instrument :
BNA_F
ClientSampleId :
6

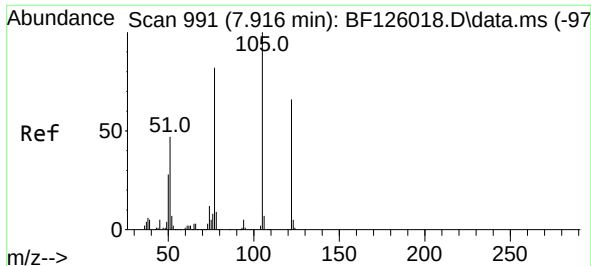
Tgt Ion: 82 Resp: 1014361
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#26
2-Nitrophenol
Concen: 4.718 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.018 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

Tgt Ion:139 Resp: 343
Ion Ratio Lower Upper
139 100
109 107.0 26.0 39.0#
65 339.4 31.0 46.4#

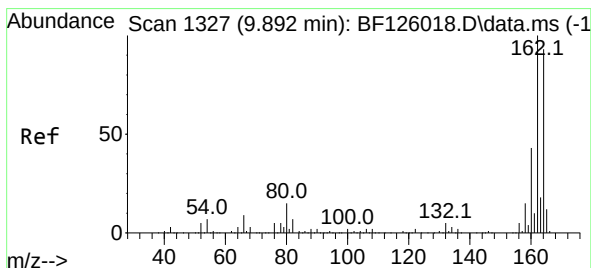
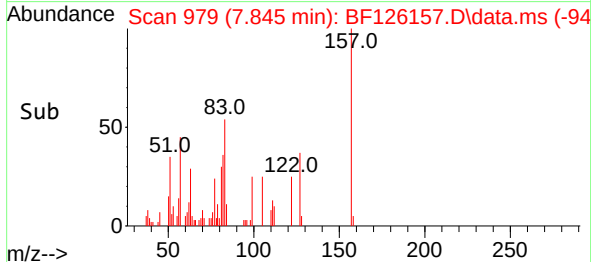
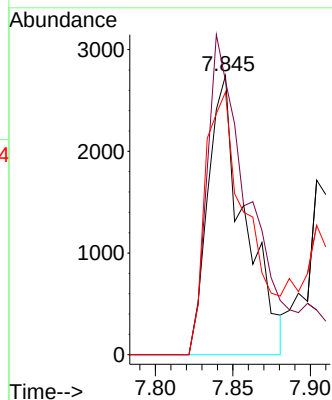
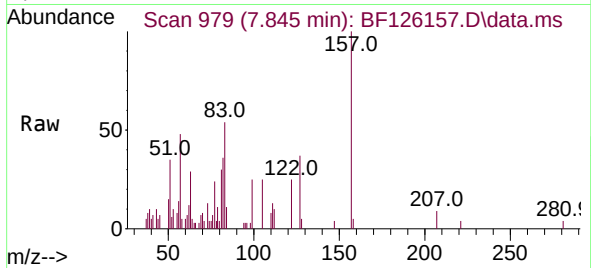




#32
Benzoic acid
Concen: 10.049 ng
RT: 7.845 min Scan# 91
Delta R.T. -0.071 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

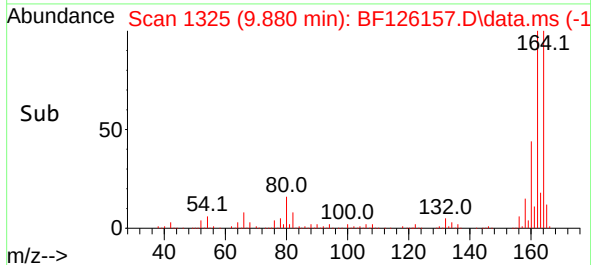
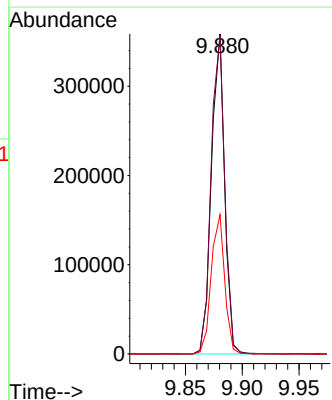
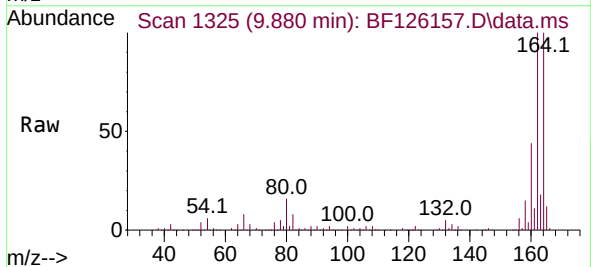
Instrument :
BNA_F
ClientSampleId :
6

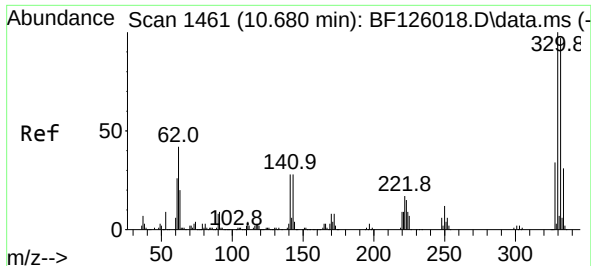
Tgt Ion:122 Resp: 4515
Ion Ratio Lower Upper
122 100
105 98.1 97.6 137.6
77 94.1 59.6 99.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

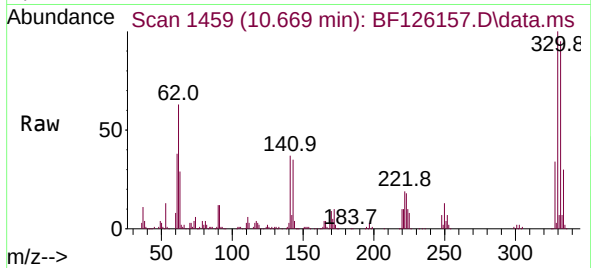
Tgt Ion:164 Resp: 288587
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 43.5 38.0 57.0



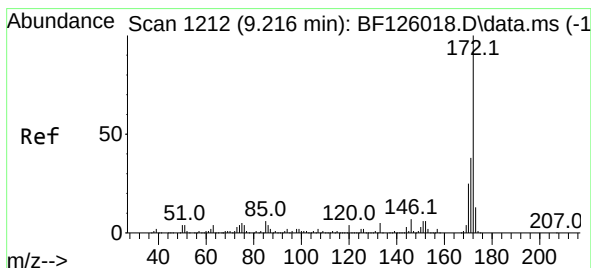
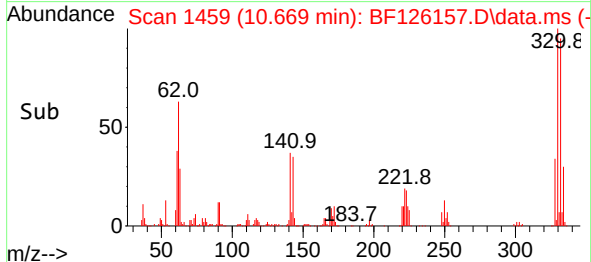
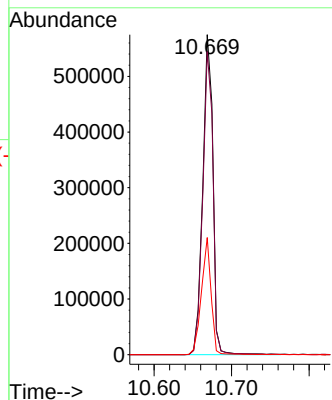


#42
2,4,6-Tribromophenol
Concen: 158.404 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

Instrument :
BNA_F
ClientSampleId :
6

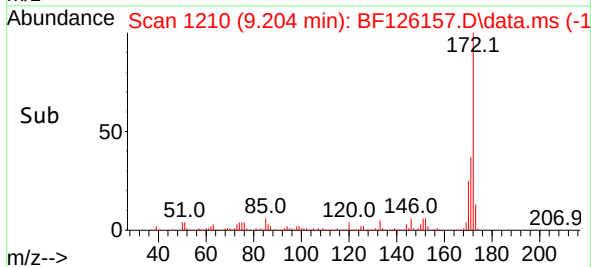
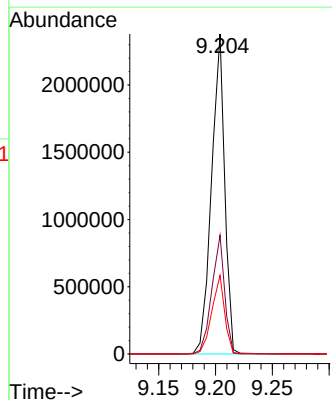
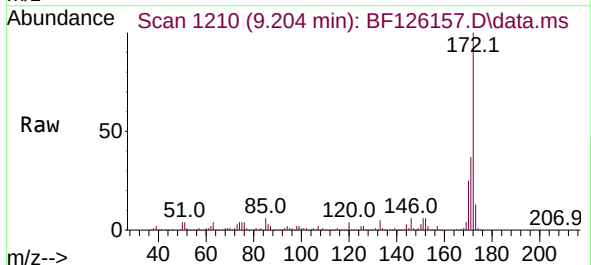


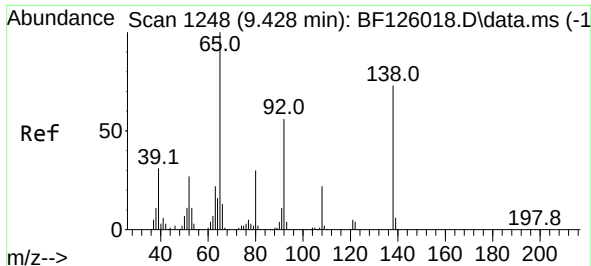
Tgt Ion: 330 Resp: 523876
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 34.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 89.869 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

Tgt Ion: 172 Resp: 1919171
Ion Ratio Lower Upper
172 100
171 37.1 26.5 39.7
170 24.5 18.8 28.2





#48

2-Nitroaniline

Concen: 2.913 ng

RT: 9.333 min Scan# 11

Delta R.T. -0.095 min

Lab File: BF126157.D

Acq: 12 Nov 2021 15:23

Instrument :

BNA_F

ClientSampleId :

6

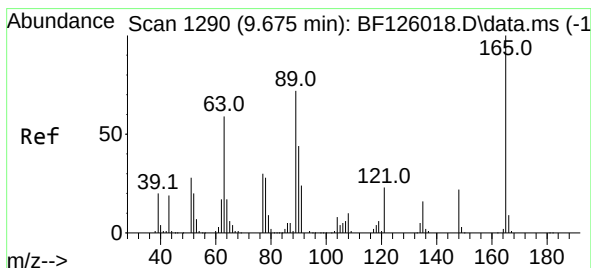
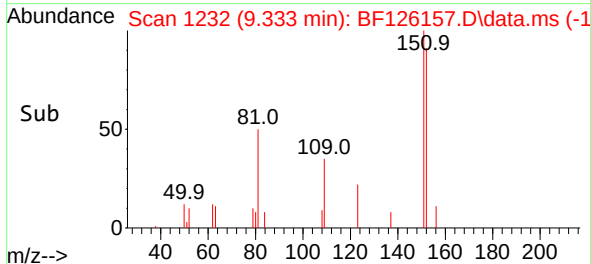
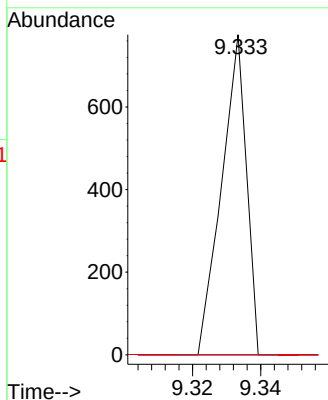
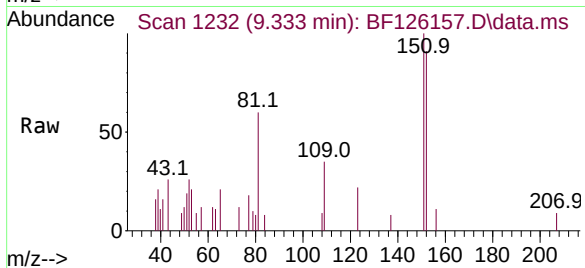
Tgt Ion: 65 Resp: 392

Ion Ratio Lower Upper

65 100

92 0.0 55.5 83.3#

138 0.0 93.5 140.3#



#51

2,6-Dinitrotoluene

Concen: 10.422 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.205 min

Lab File: BF126157.D

Acq: 12 Nov 2021 15:23

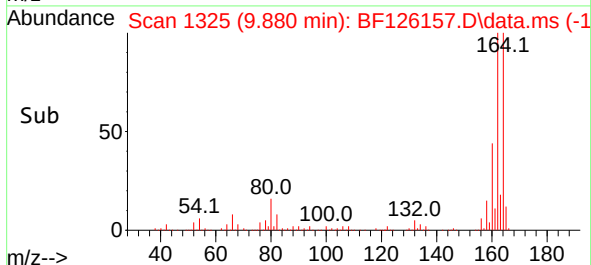
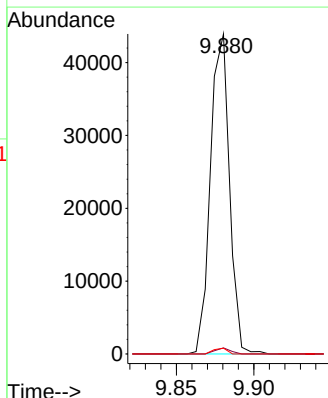
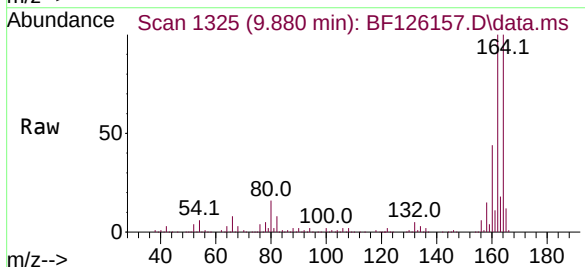
Tgt Ion:165 Resp: 37532

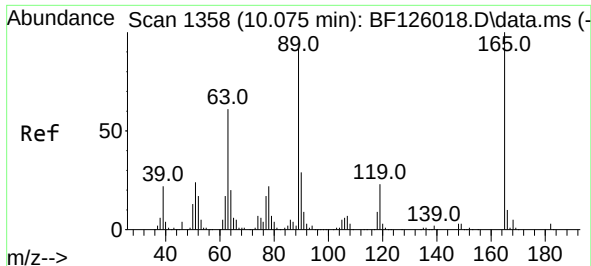
Ion Ratio Lower Upper

165 100

63 1.9 42.6 63.8#

89 1.8 40.6 60.8#

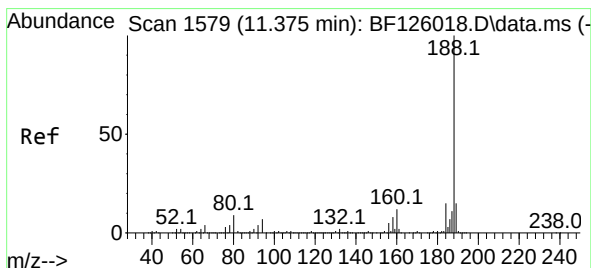
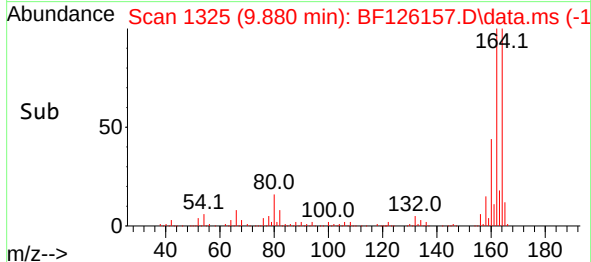
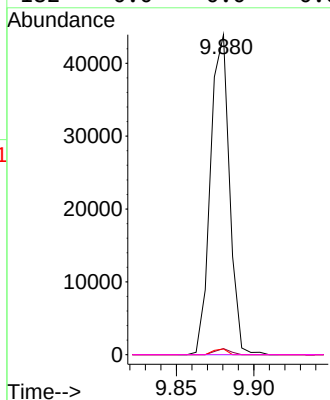
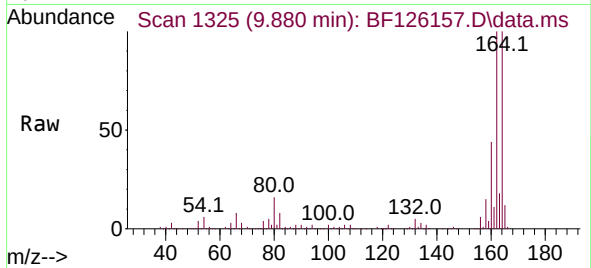




#57
2,4-Dinitrotoluene
Concen: 9.923 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.195 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

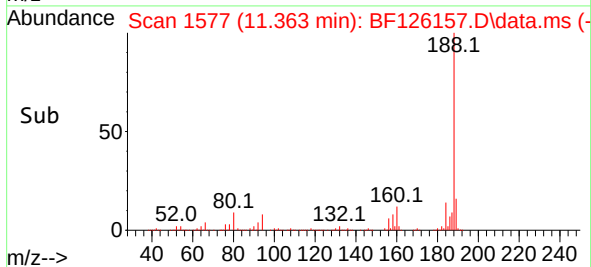
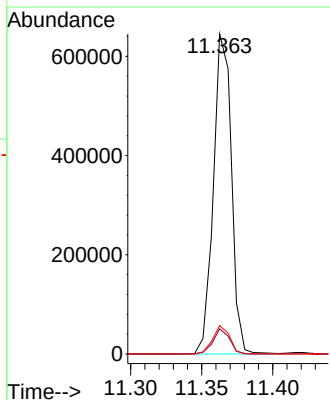
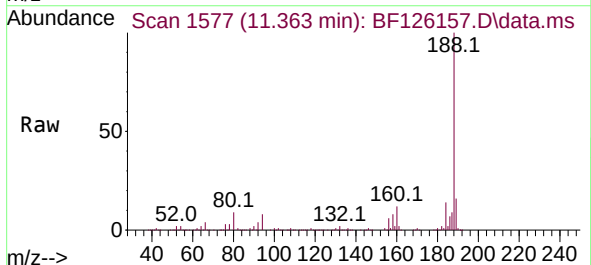
Instrument :
BNA_F
ClientSampleId :
6

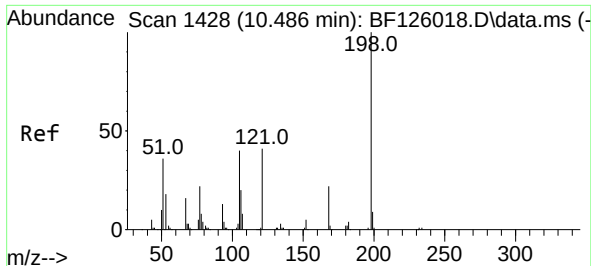
Tgt Ion:165	Resp:	37532
Ion Ratio	Lower	Upper
165	100	
63	1.9	40.9 61.3#
89	1.8	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

Tgt Ion:188	Resp:	567244
Ion Ratio	Lower	Upper
188	100	
94	7.8	6.7 10.1
80	8.9	7.5 11.3

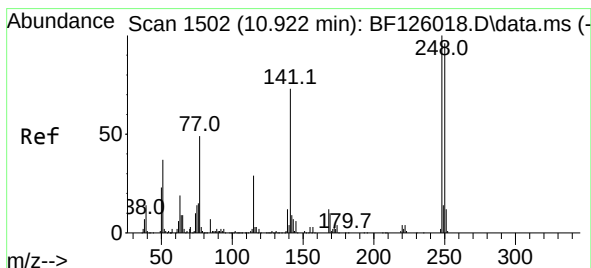
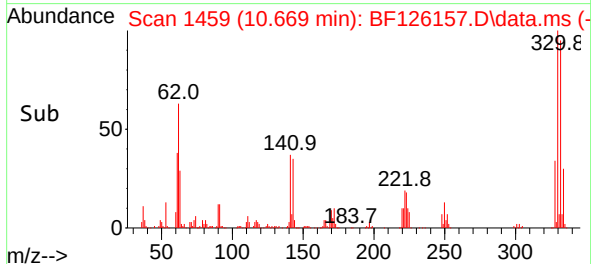
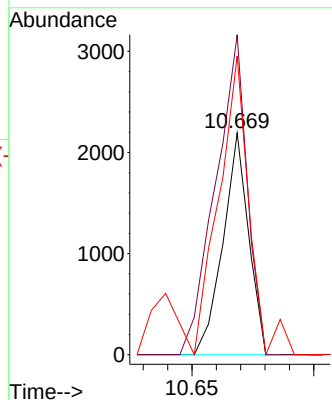
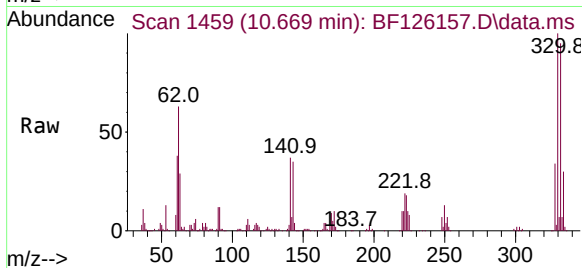




#65
4,6-Dinitro-2-methylphenol
Concen: 8.801 ng
RT: 10.669 min Scan# 1428
Delta R.T. 0.183 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

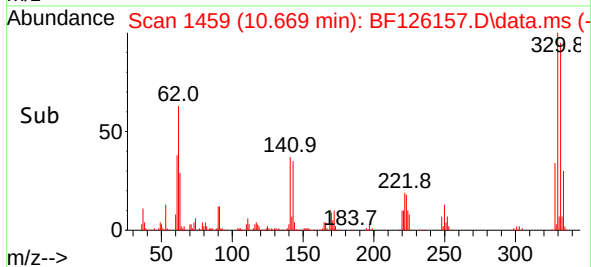
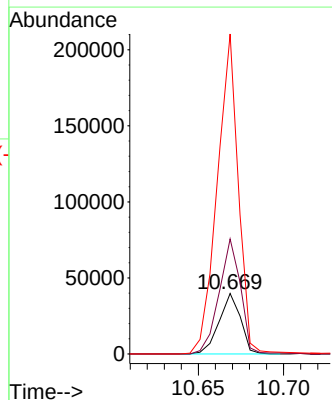
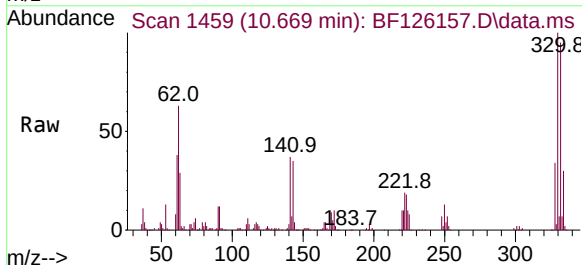
Instrument :
BNA_F
ClientSampleId :
6

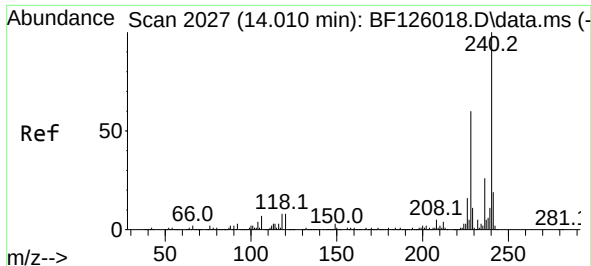
Tgt Ion:198 Resp: 1600
Ion Ratio Lower Upper
198 100
51 144.3 45.3 85.3#
105 134.6 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.067 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.253 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

Tgt Ion:248 Resp: 34811
Ion Ratio Lower Upper
248 100
250 190.0 74.2 111.4#
141 528.7 60.4 90.6#

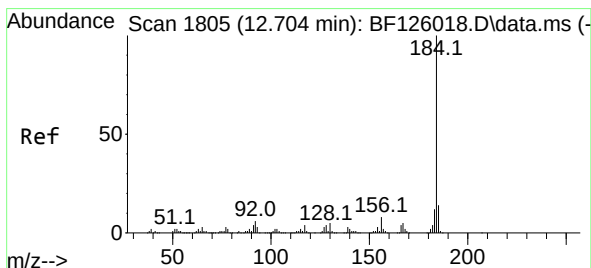
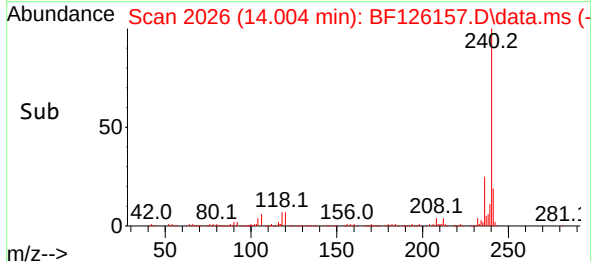
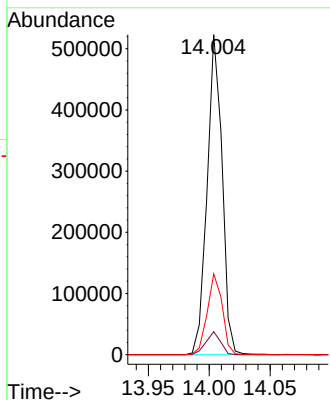
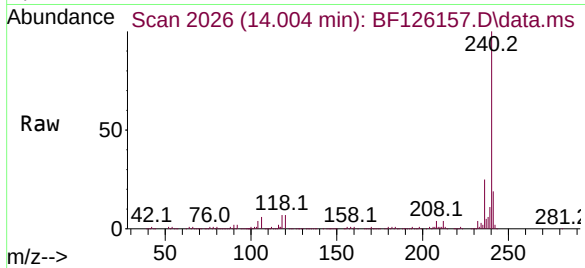




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

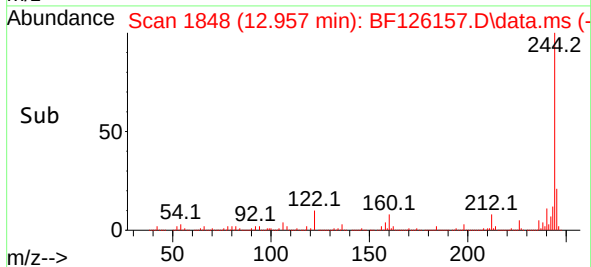
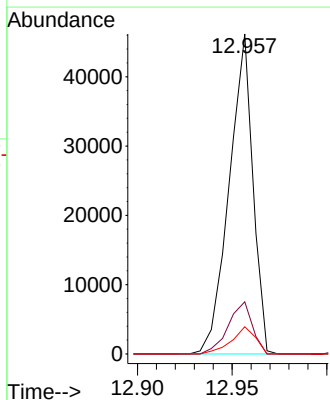
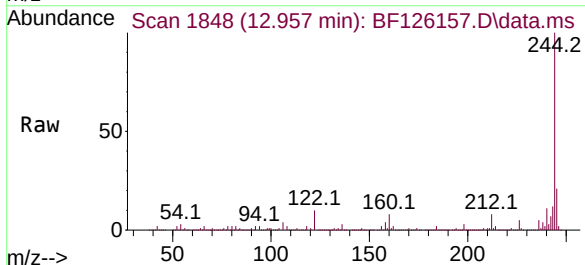
Instrument :
BNA_F
ClientSampleId :
6

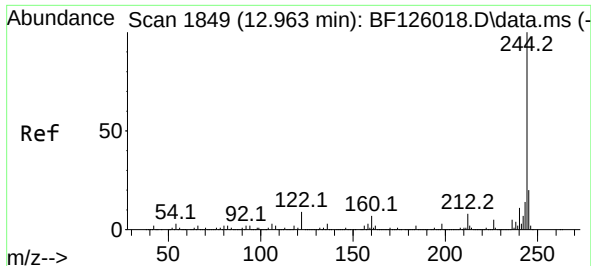
Tgt Ion:240 Resp: 444931
Ion Ratio Lower Upper
240 100
120 7.2 10.8 16.2#
236 25.3 21.6 32.4



#77
Benzidine
Concen: 2.700 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF126157.D
Acq: 12 Nov 2021 15:23

Tgt Ion:184 Resp: 40165
Ion Ratio Lower Upper
184 100
185 16.3 10.8 16.2#
183 8.5 8.1 12.1

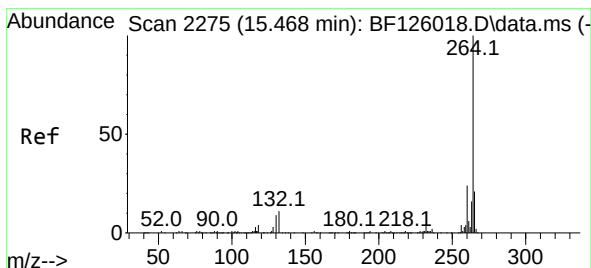
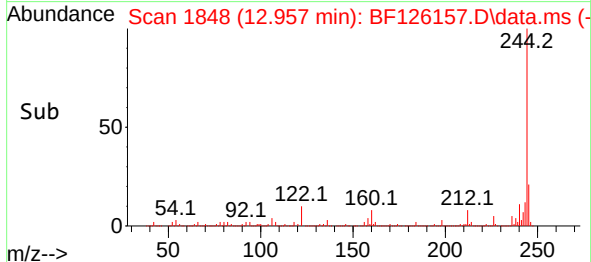
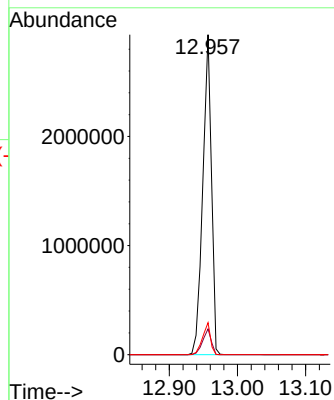
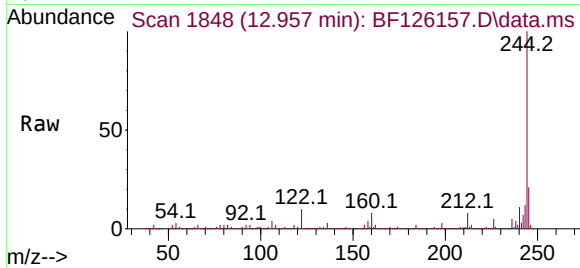




#79
 Terphenyl-d14
 Concen: 94.217 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126157.D
 Acq: 12 Nov 2021 15:23

Instrument :
 BNA_F
 ClientSampleId :
 6

Tgt Ion:244 Resp: 2599622
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 10.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126157.D
 Acq: 12 Nov 2021 15:23

Tgt Ion:264 Resp: 306482
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.6 29.4
 265 21.4 17.2 25.8

