

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126255.D
 Acq On : 18 Dec 2021 15:39
 Operator : JU/CG
 Sample : M5082-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 08:02:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

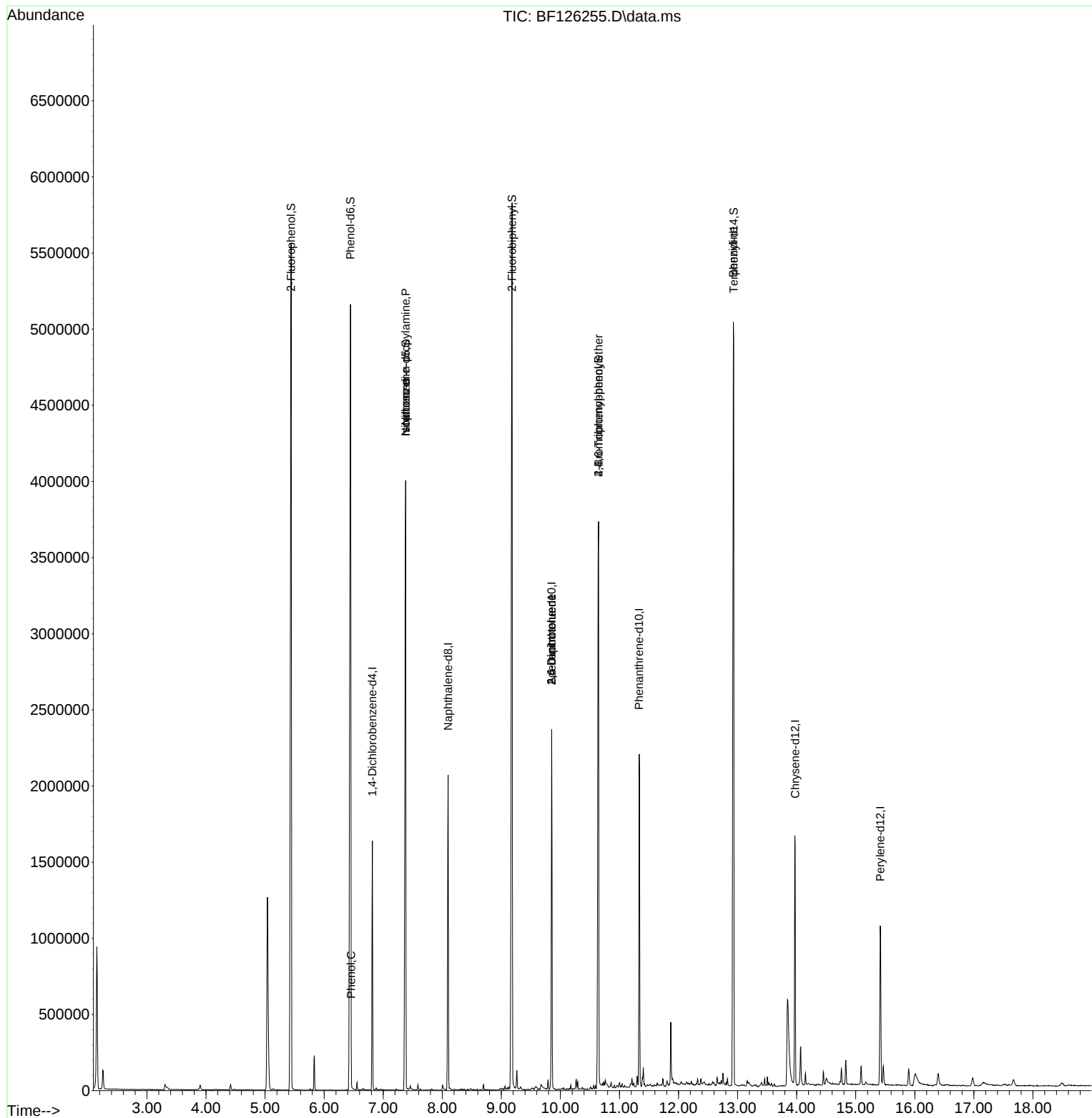
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	222156	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	971677	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	472382	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	779198	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	559039	20.000	ng	0.00
86) Perylene-d12	15.416	264	445233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1940626	128.642	ng	0.02
7) Phenol-d6	6.446	99	2539221	132.564	ng	0.00
23) Nitrobenzene-d5	7.381	82	1646536	91.774	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	542033	142.780	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2163157	80.315	ng	0.00
79) Terphenyl-d14	12.933	244	2059363	64.028	ng	0.01
Target Compounds						
						Qvalue
10) Phenol	6.457	94	58690	2.730	ng	83
19) n-Nitroso-di-n-propyla...	7.381	70	210495	17.901	ng	# 54
25) Isophorone	7.381	82	1559826	46.040	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	61560	9.505	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	61560	7.451	ng	# 19
67) 4-Bromophenyl-phenylether	10.645	248	28186	3.854	ng	# 1
77) Benzidine	12.927	184	27201	3.086	ng	# 93

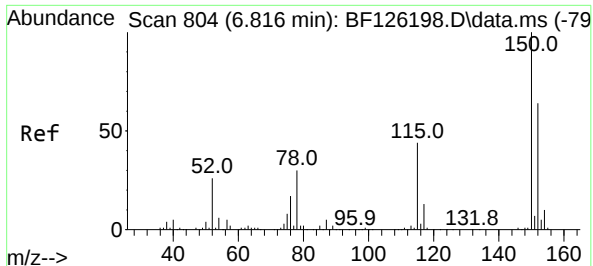
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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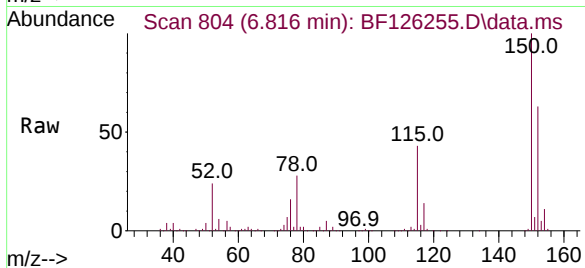
Quant Time: Dec 20 08:02:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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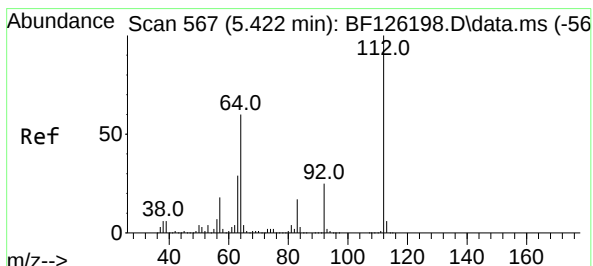
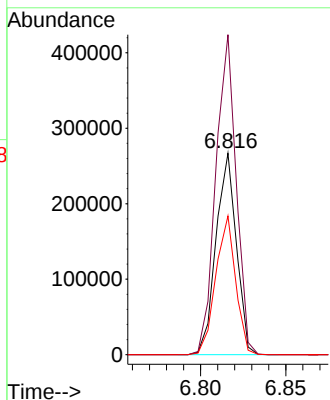
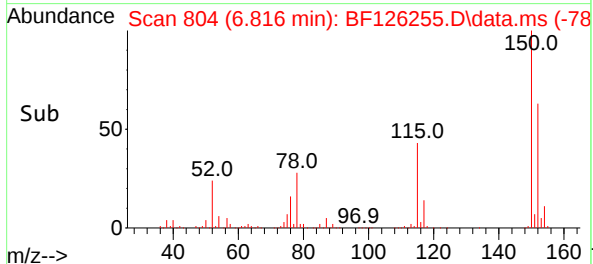


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39

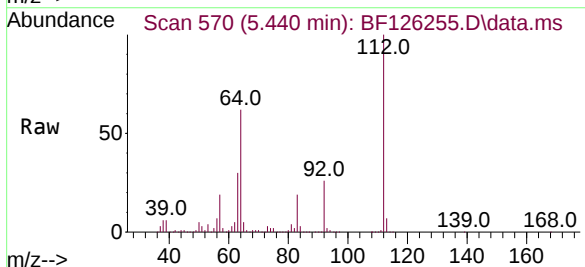
Instrument :
BNA_F
ClientSampleId :



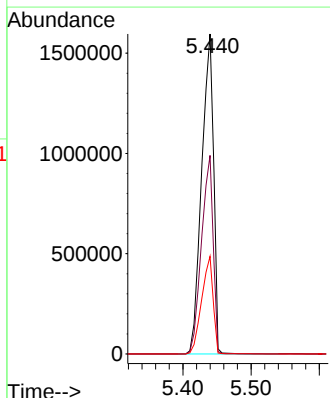
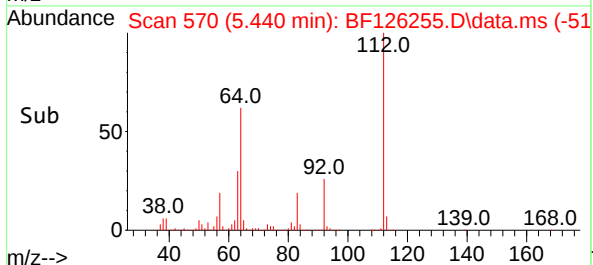
Tgt Ion:152 Resp: 222156
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 68.9 47.1 70.7

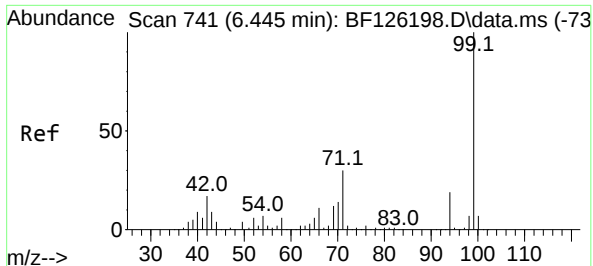


#5
2-Fluorophenol
Concen: 128.642 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39



Tgt Ion:112 Resp: 1940626
Ion Ratio Lower Upper
112 100
64 62.1 44.2 66.2
63 30.5 26.2 39.2

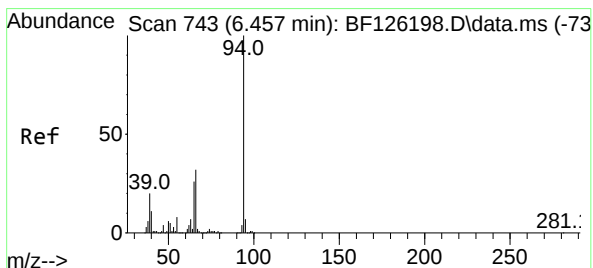
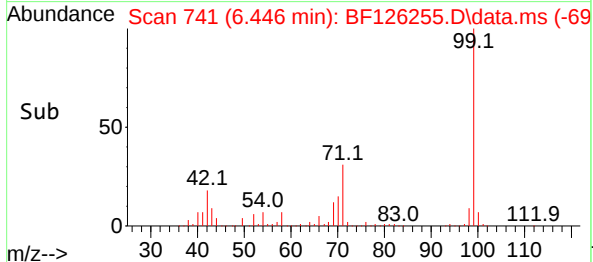
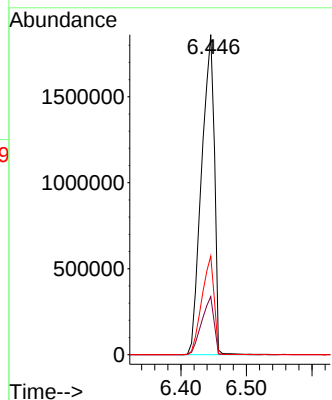
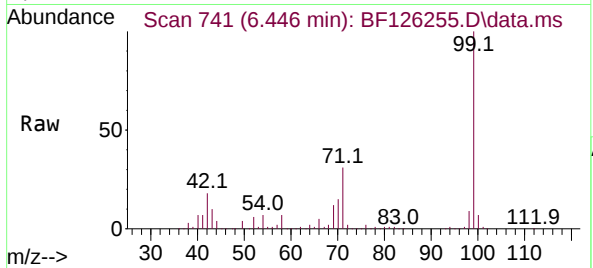




#7
Phenol-d6
Concen: 132.564 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39

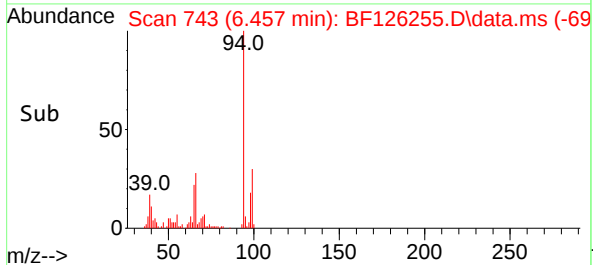
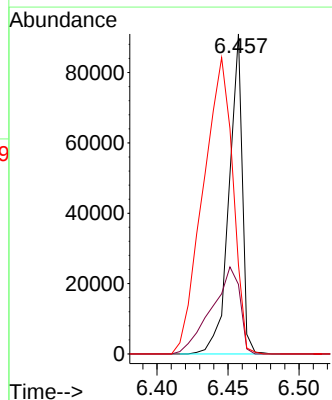
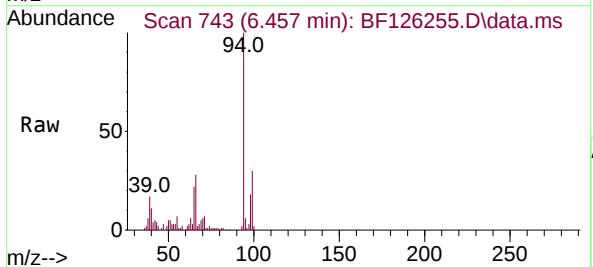
Instrument :
BNA_F
ClientSampleId :

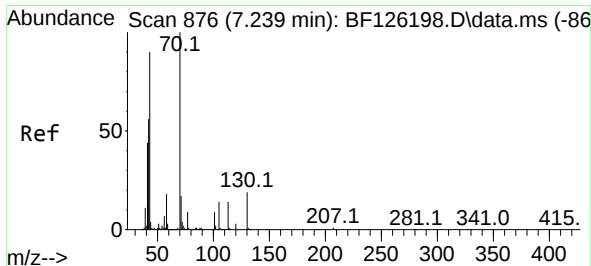
Tgt Ion: 99 Resp: 2539221
Ion Ratio Lower Upper
99 100
42 18.2 23.5 35.3#
71 30.8 25.6 38.4



#10
Phenol
Concen: 2.730 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39

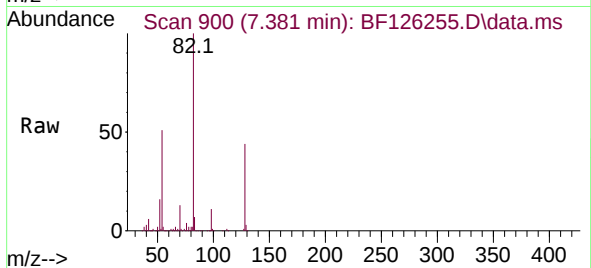
Tgt Ion: 94 Resp: 58690
Ion Ratio Lower Upper
94 100
65 21.8 9.3 49.3
66 27.9 20.3 60.3



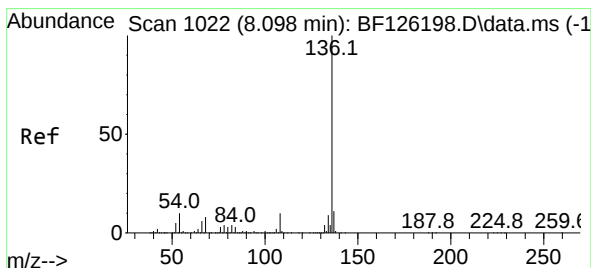
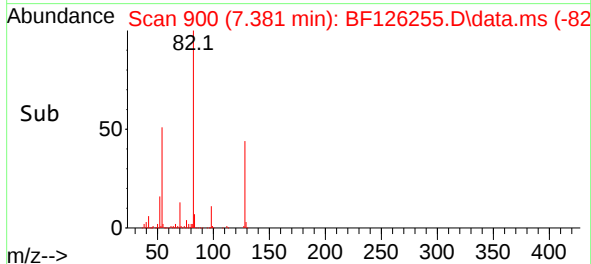
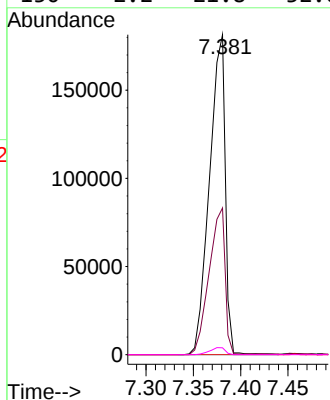


#19
n-Nitroso-di-n-propylamine
Concen: 17.901 ng
RT: 7.381 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39

Instrument :
BNA_F
ClientSampleId :

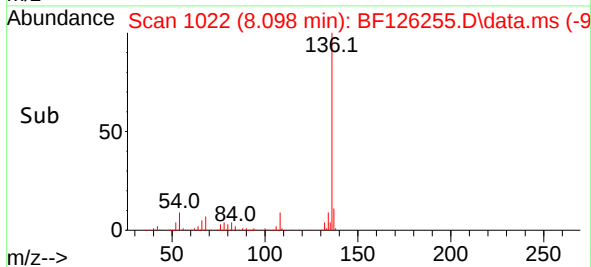
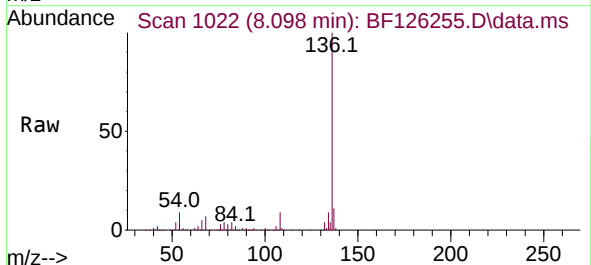
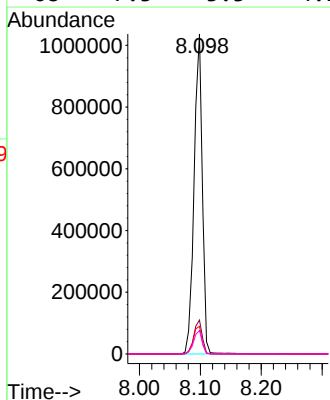


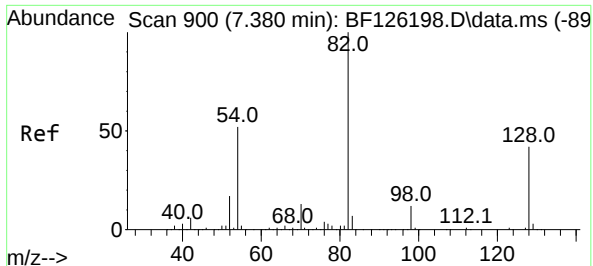
Tgt Ion: 70 Resp: 210495
Ion Ratio Lower Upper
70 100
42 45.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39

Tgt Ion: 136 Resp: 971677
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 8.7 6.4 9.6
68 7.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 91.774 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126255.D

Acq: 18 Dec 2021 15:39

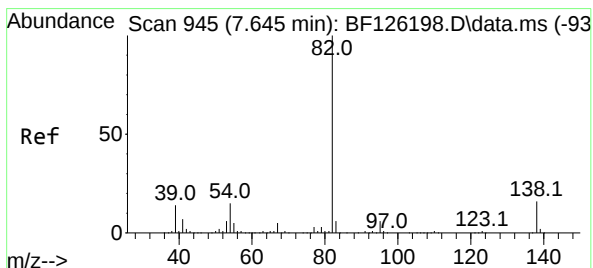
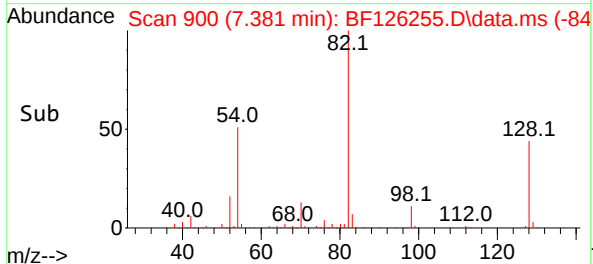
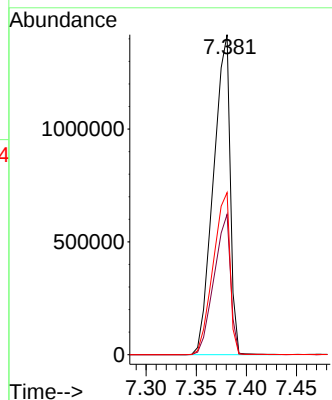
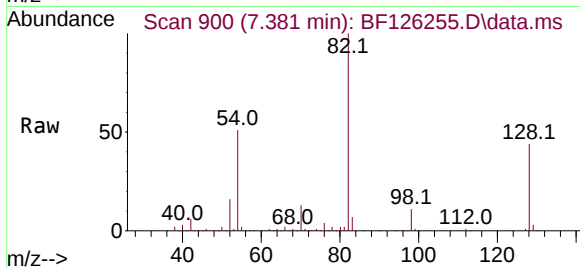
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1646536

Ion	Ratio	Lower	Upper
82	100		
128	43.8	40.6	60.8
54	50.7	49.6	74.4



#25

Isophorone

Concen: 46.040 ng

RT: 7.381 min Scan# 900

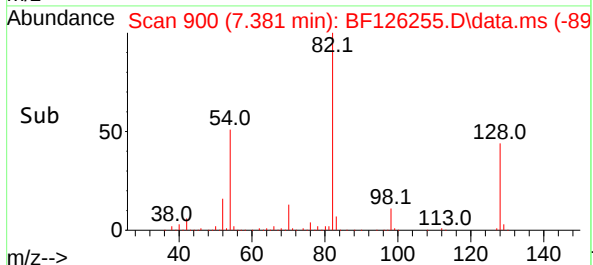
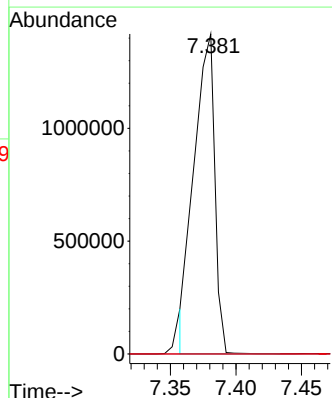
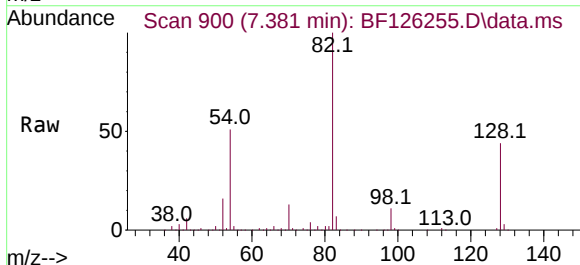
Delta R.T. -0.264 min

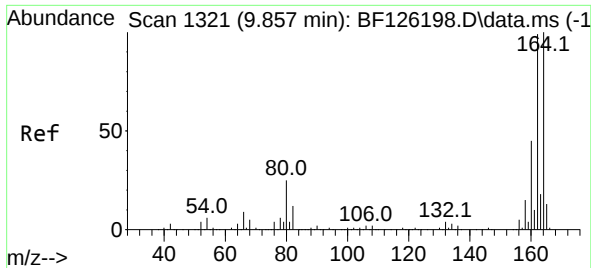
Lab File: BF126255.D

Acq: 18 Dec 2021 15:39

Tgt Ion: 82 Resp: 1559826

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

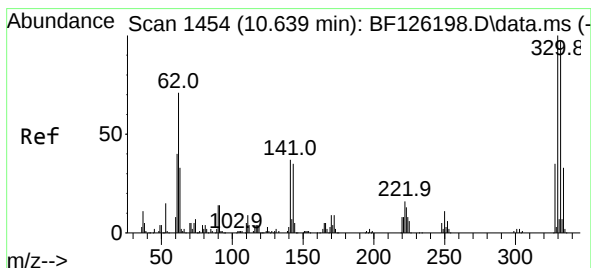
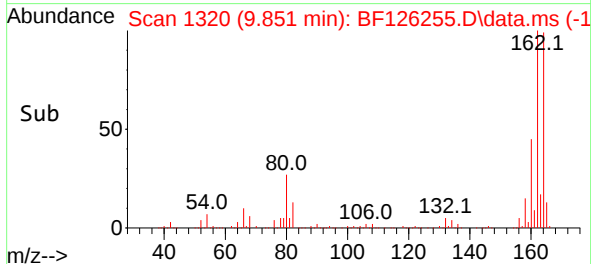
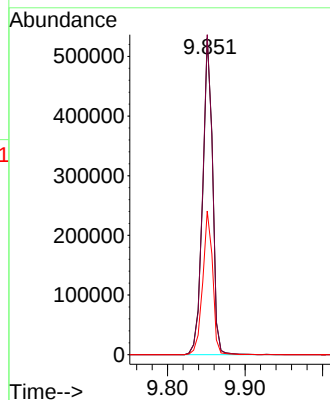
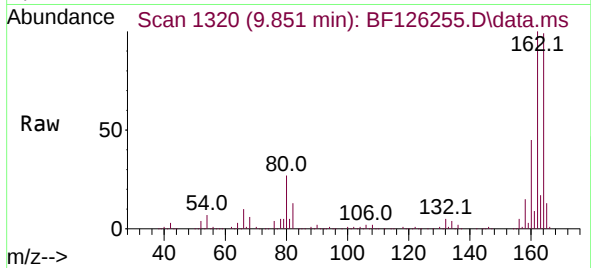




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.851 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126255.D
 Acq: 18 Dec 2021 15:39

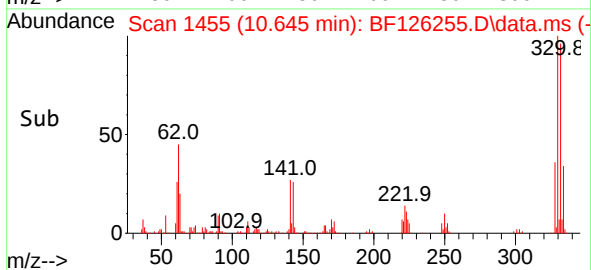
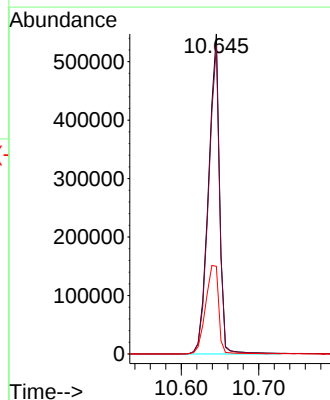
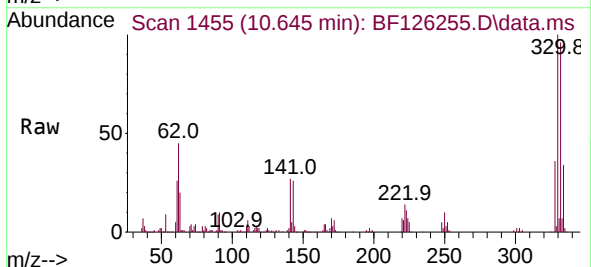
Instrument :
 BNA_F
 ClientSampleId :

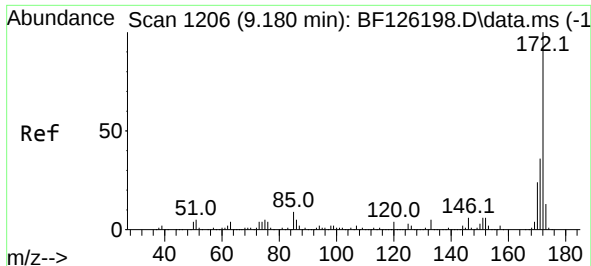
Tgt Ion:164 Resp: 472382
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.3 121.9
 160 45.4 38.0 57.0



#42
 2,4,6-Tribromophenol
 Concen: 142.780 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. 0.006 min
 Lab File: BF126255.D
 Acq: 18 Dec 2021 15:39

Tgt Ion:330 Resp: 542033
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 32.8 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 80.315 ng

RT: 9.181 min Scan# 11

Delta R.T. 0.000 min

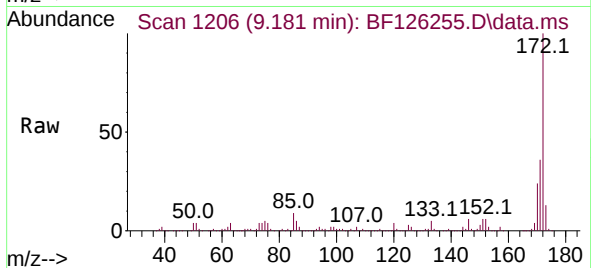
Lab File: BF126255.D

Acq: 18 Dec 2021 15:39

Instrument :

BNA_F

ClientSampleId :



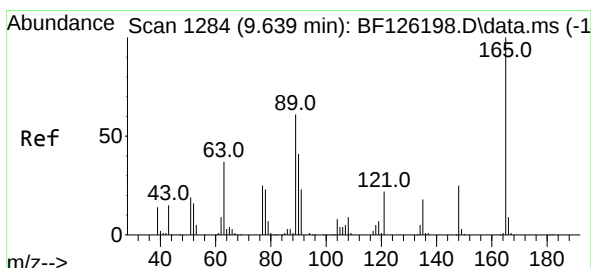
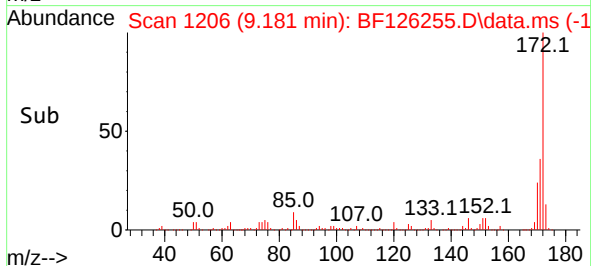
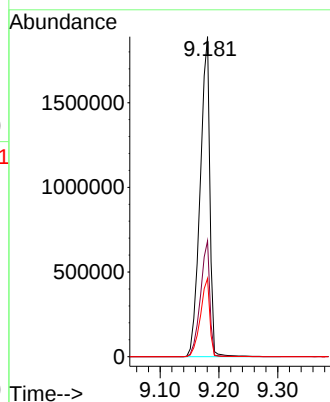
Tgt Ion:172 Resp: 2163157

Ion Ratio Lower Upper

172 100

171 36.2 26.5 39.7

170 24.4 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.505 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126255.D

Acq: 18 Dec 2021 15:39

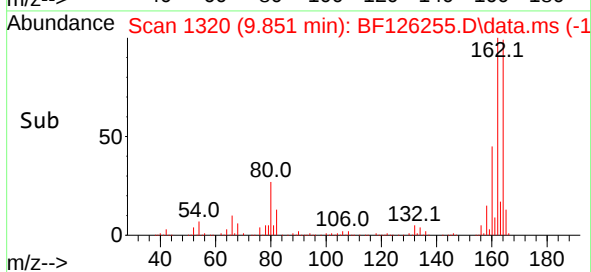
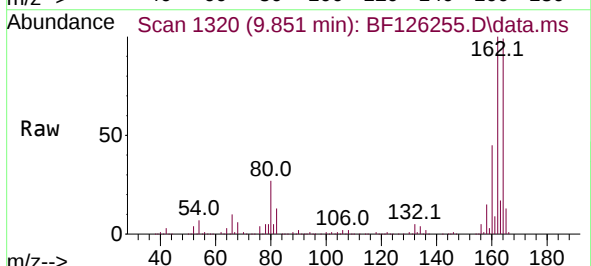
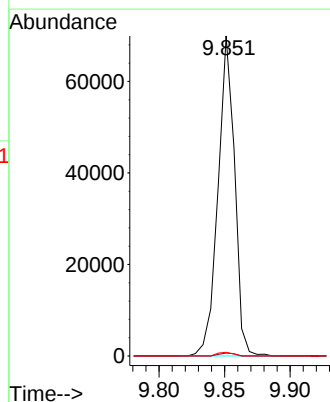
Tgt Ion:165 Resp: 61560

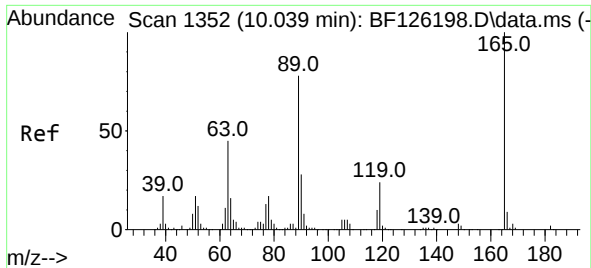
Ion Ratio Lower Upper

165 100

63 0.9 42.6 63.8#

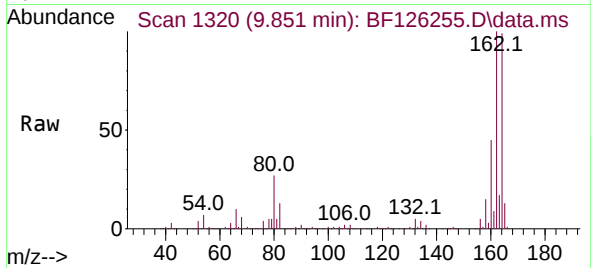
89 1.1 40.6 60.8#



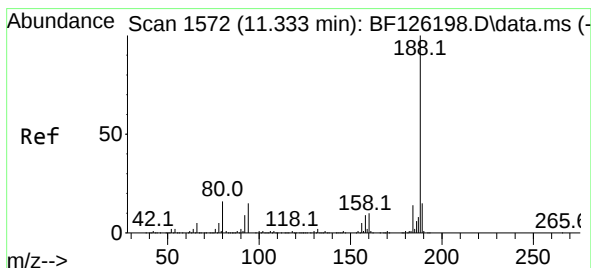
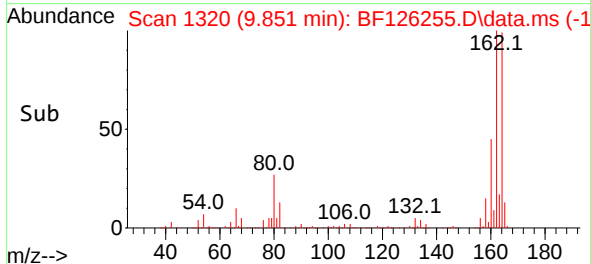
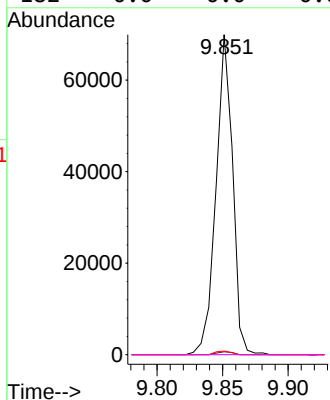


#57
2,4-Dinitrotoluene
Concen: 7.451 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39

Instrument :
BNA_F
ClientSampleId :

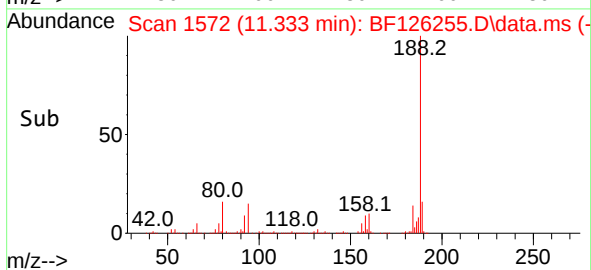
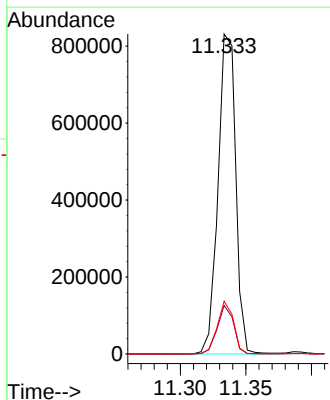
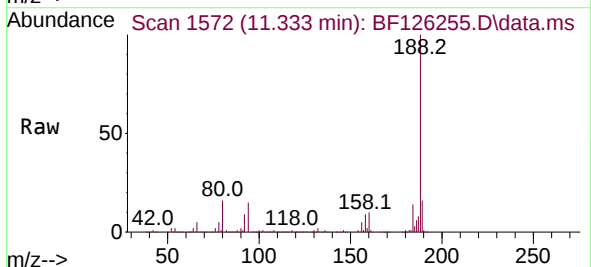


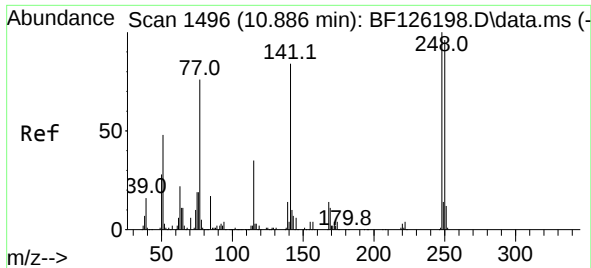
Tgt Ion:165 Resp: 61560
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39

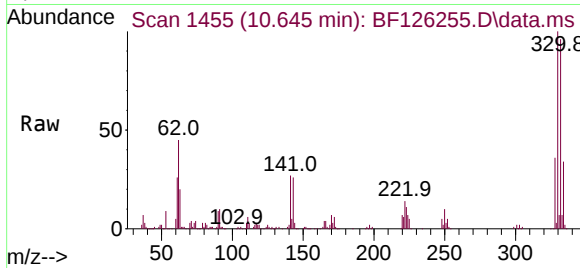
Tgt Ion:188 Resp: 779198
Ion Ratio Lower Upper
188 100
94 15.2 6.7 10.1#
80 16.4 7.5 11.3#



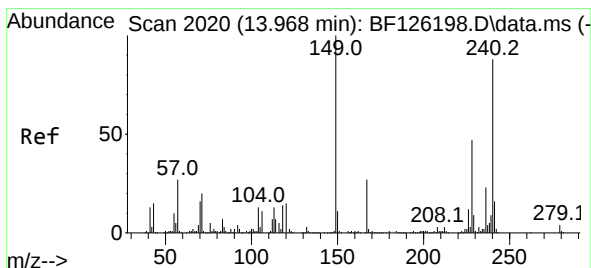
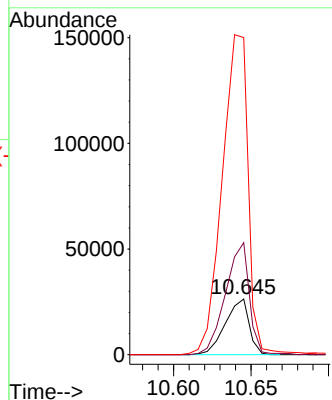
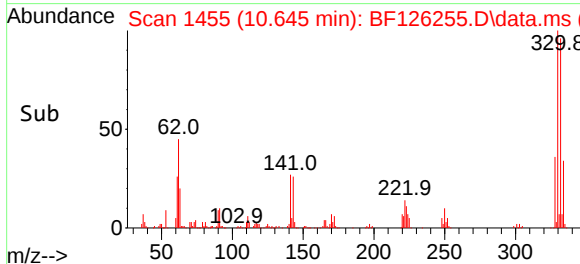


#67
4-Bromophenyl-phenylether
Concen: 3.854 ng
RT: 10.645 min Scan# 1496
Delta R.T. -0.241 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39

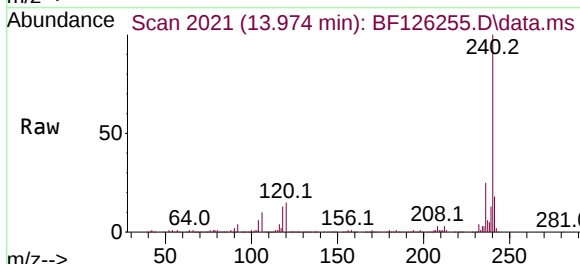
Instrument :
BNA_F
ClientSampleId :



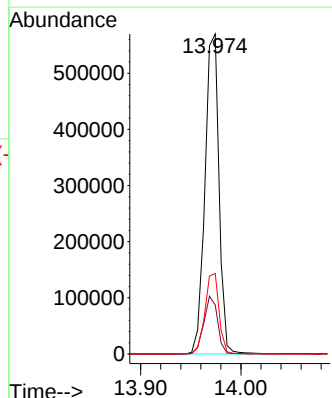
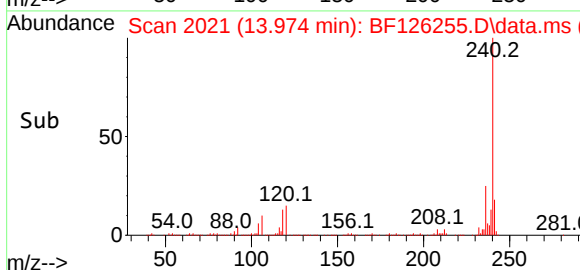
Tgt Ion:248 Resp: 28186
Ion Ratio Lower Upper
248 100
250 201.3 74.2 111.4#
141 570.2 60.4 90.6#

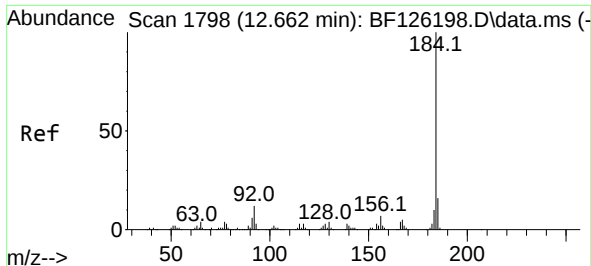


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39



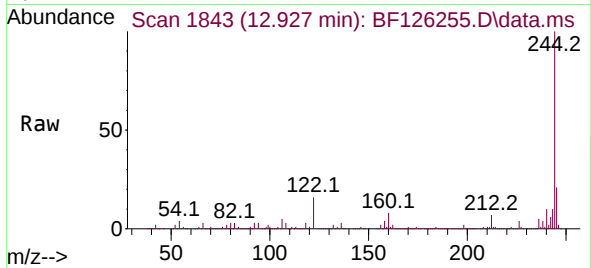
Tgt Ion:240 Resp: 559039
Ion Ratio Lower Upper
240 100
120 15.3 10.8 16.2
236 25.2 21.6 32.4



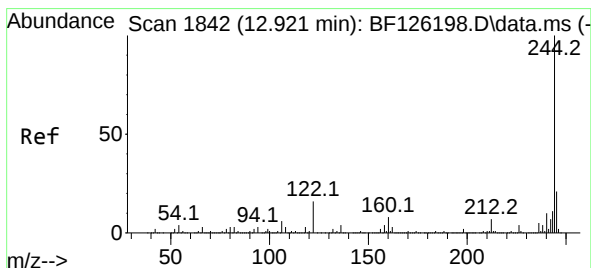
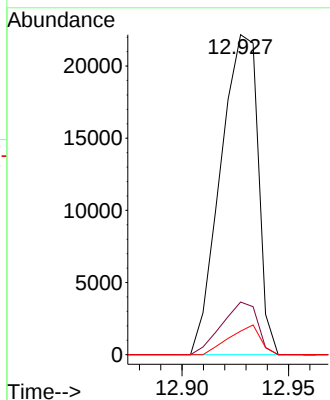
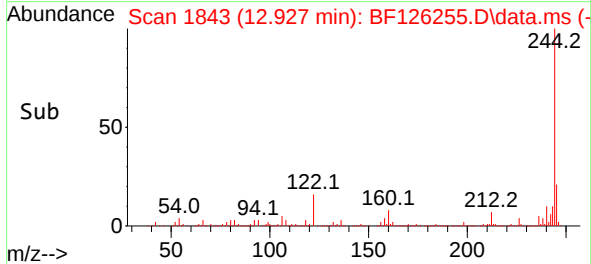


#77
Benzidine
Concen: 3.086 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39

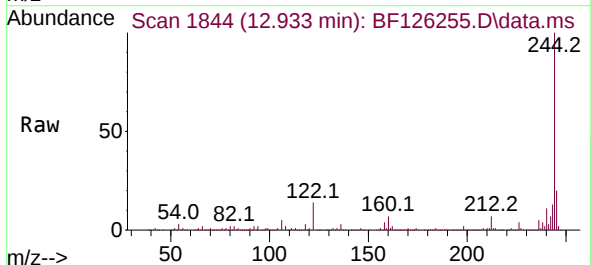
Instrument :
BNA_F
ClientSampleId :



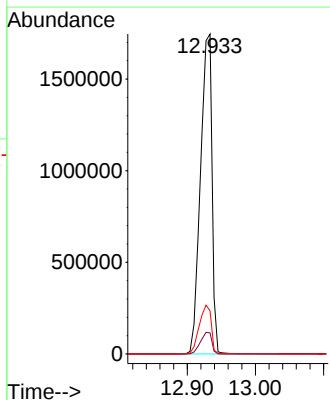
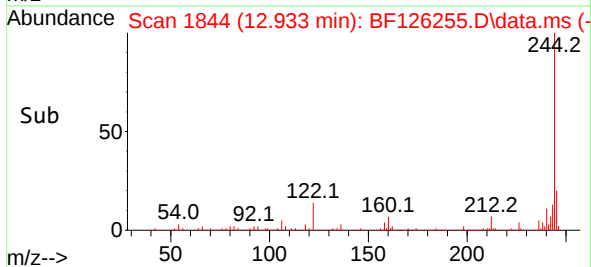
Tgt Ion:184 Resp: 27201
Ion Ratio Lower Upper
184 100
185 16.4 10.8 16.2#
183 7.4 8.1 12.1#

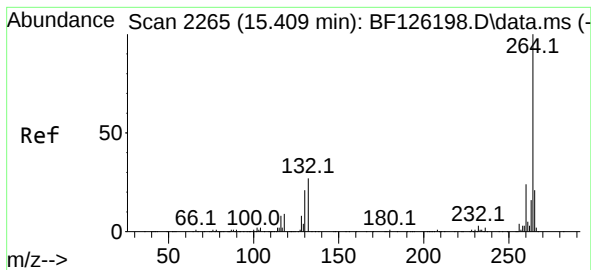


#79
Terphenyl-d14
Concen: 64.028 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.012 min
Lab File: BF126255.D
Acq: 18 Dec 2021 15:39



Tgt Ion:244 Resp: 2059363
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 13.5 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 21

Delta R.T. 0.006 min

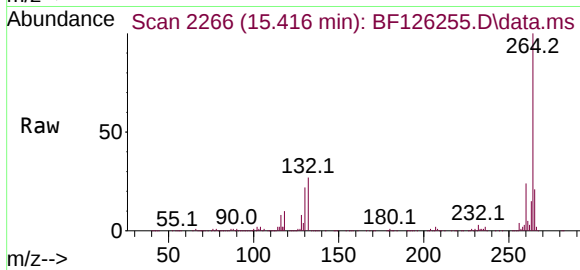
Lab File: BF126255.D

Acq: 18 Dec 2021 15:39

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 445233

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 20.7 17.2 25.8

