

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126258.D
 Acq On : 18 Dec 2021 17:14
 Operator : JU/CG
 Sample : M5097-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 08:03:18 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)

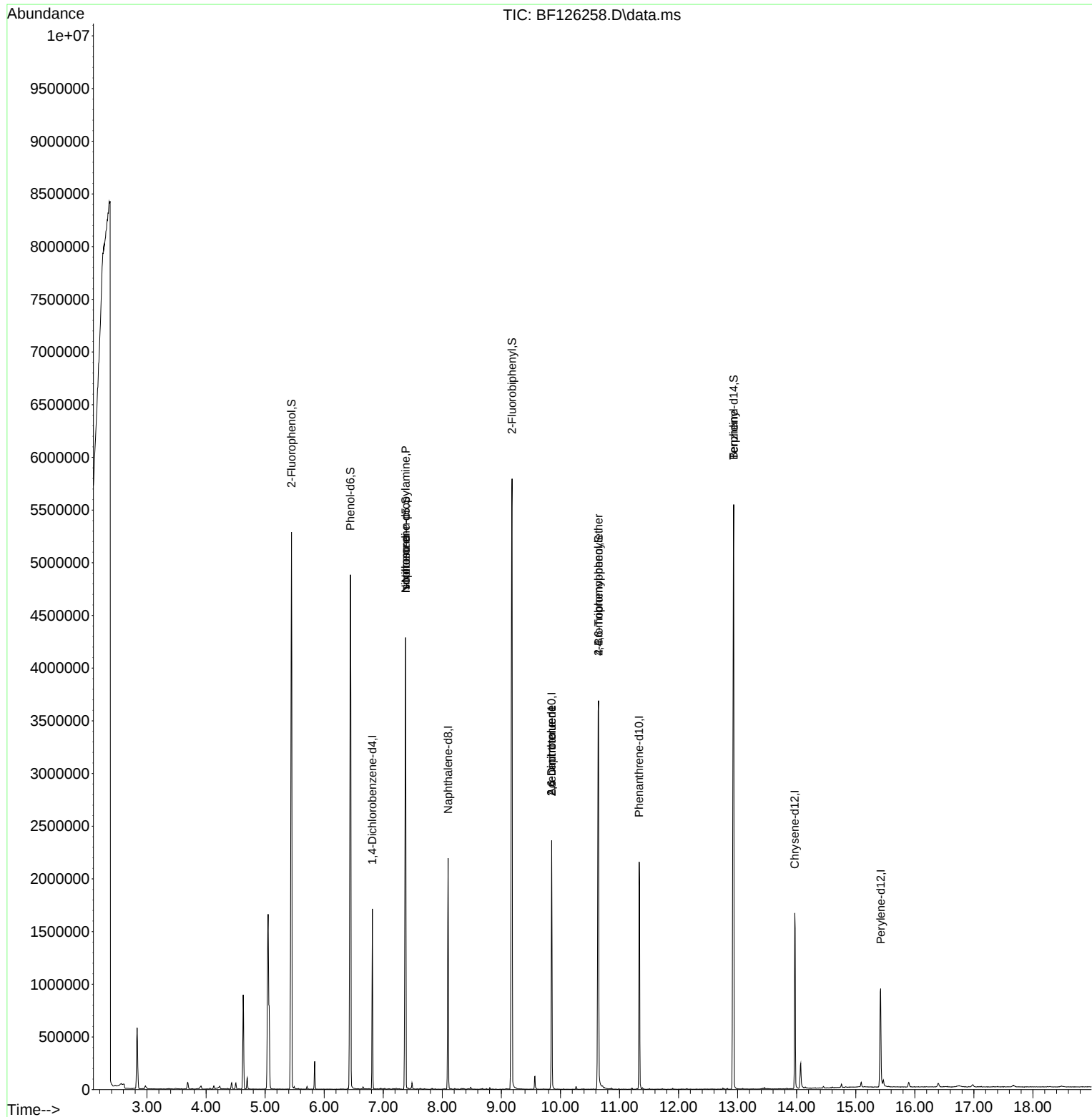
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	219749	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	942178	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	460570	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	775135	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	566671	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	442975	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1857382	124.473	ng	0.02
7) Phenol-d6	6.445	99	2272125	119.919	ng	0.00
23) Nitrobenzene-d5	7.381	82	1690714	97.187	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	572961	154.798	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2201868	83.849	ng	0.00
79) Terphenyl-d14	12.933	244	2293301	70.341	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	217471	18.697	ng	# 56
25) Isophorone	7.381	82	1637723	49.852	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	58741	9.302	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	58741	7.292	ng	# 19
67) 4-Bromophenyl-phenylether	10.645	248	30370	4.175	ng	# 1
77) Benzidine	12.933	184	28845	3.229	ng	96

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

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
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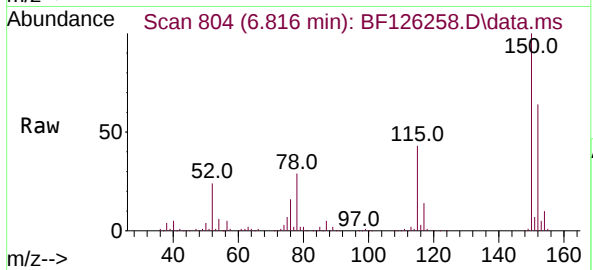
Quant Time: Dec 20 08:03:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



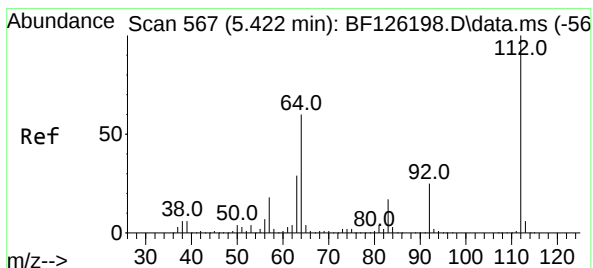
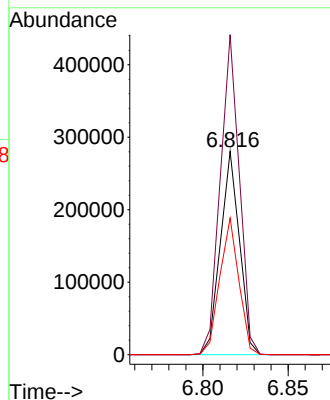
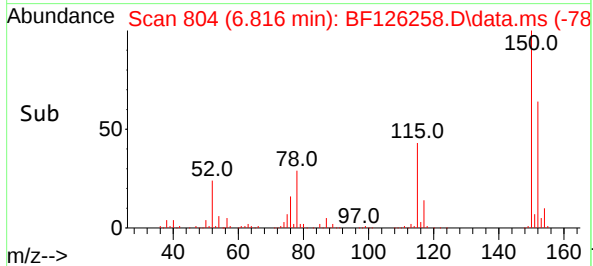


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

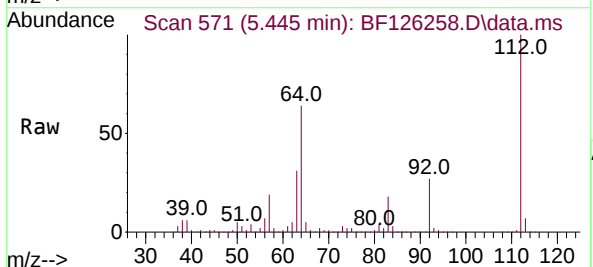
Instrument :
BNA_F
ClientSampleId :



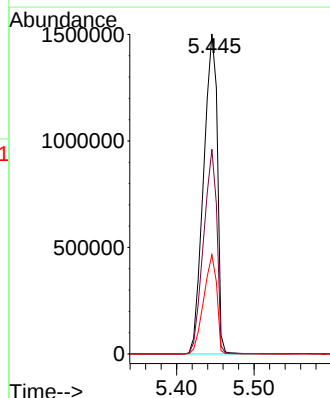
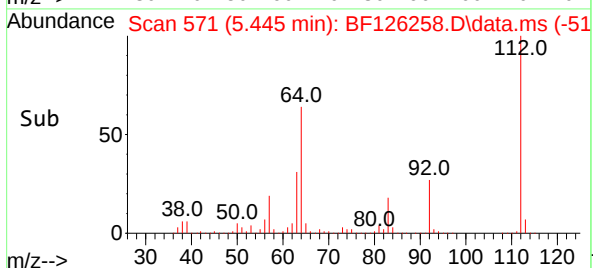
Tgt Ion:152 Resp: 219749
Ion Ratio Lower Upper
152 100
150 157.4 117.6 176.4
115 67.2 47.1 70.7



#5
2-Fluorophenol
Concen: 124.473 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.024 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14



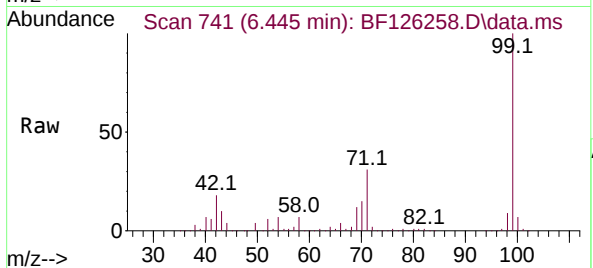
Tgt Ion:112 Resp: 1857382
Ion Ratio Lower Upper
112 100
64 64.0 44.2 66.2
63 31.0 26.2 39.2



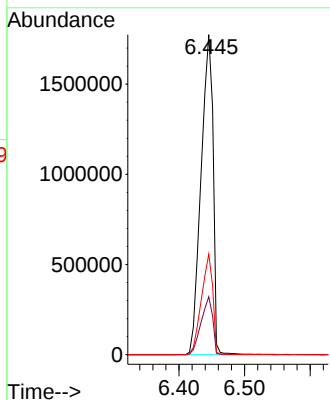
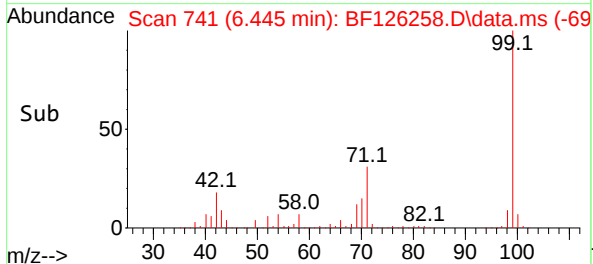


#7
Phenol-d6
Concen: 119.919 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

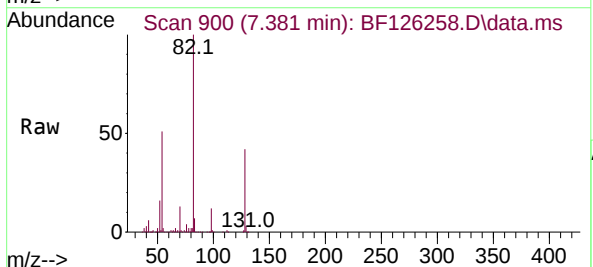
Instrument :
BNA_F
ClientSampleId :



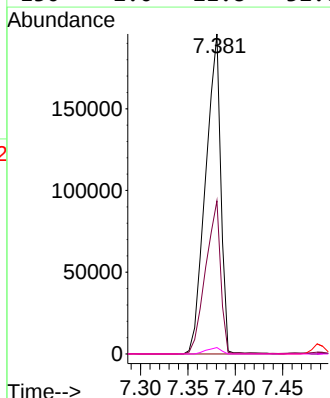
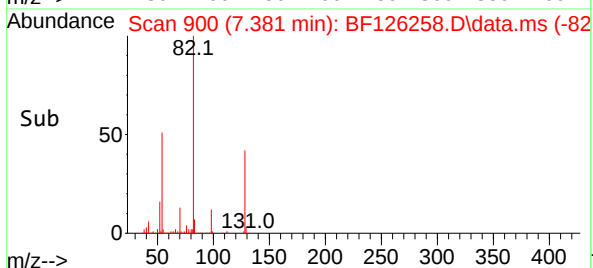
Tgt Ion: 99 Resp: 2272125
Ion Ratio Lower Upper
99 100
42 18.1 23.5 35.3#
71 31.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.697 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14



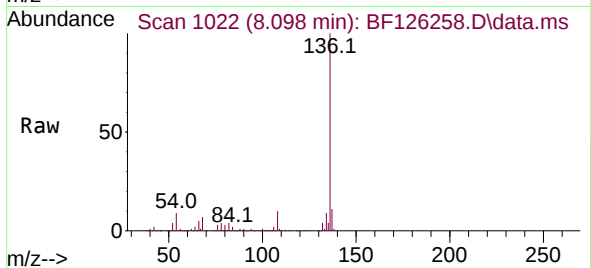
Tgt Ion: 70 Resp: 217471
Ion Ratio Lower Upper
70 100
42 47.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



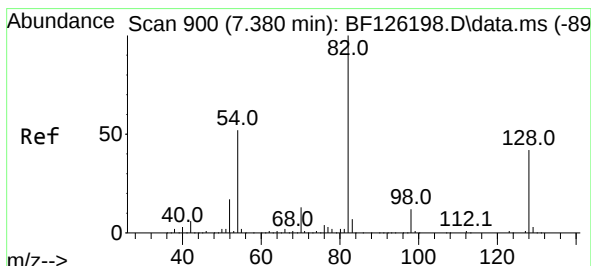
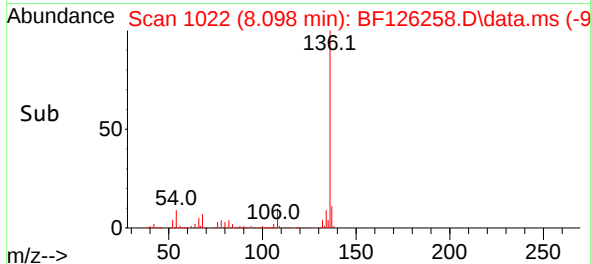
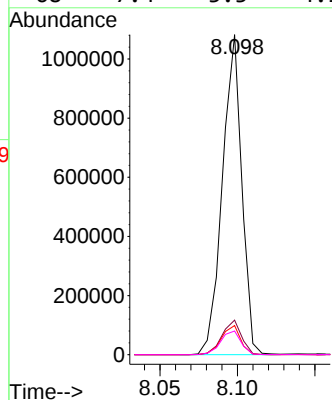


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

Instrument :
BNA_F
ClientSampleId :

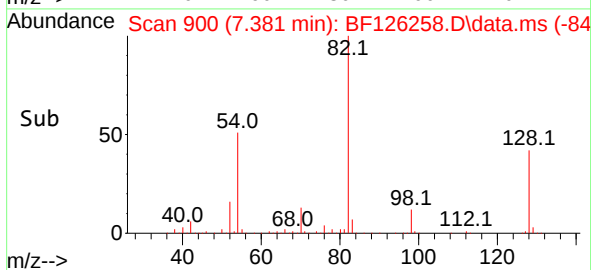
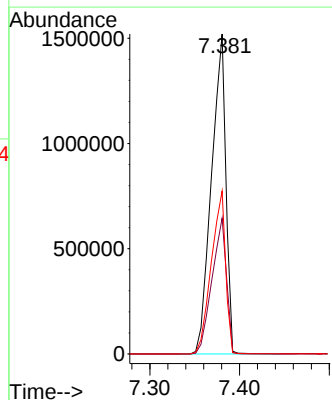
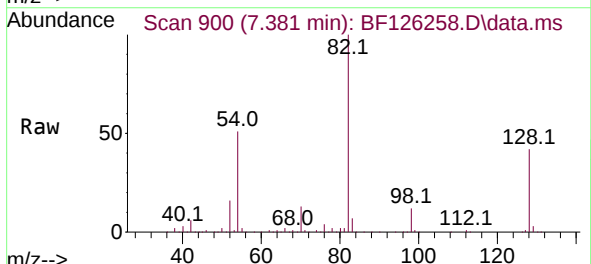


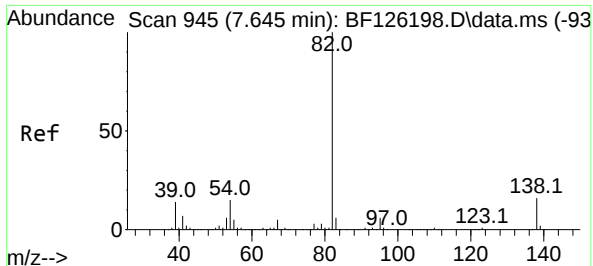
Tgt Ion:	136	Resp:	942178
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.8	14.6
54	9.1	6.4	9.6
68	7.4	3.3	4.9



#23
Nitrobenzene-d5
Concen: 97.187 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

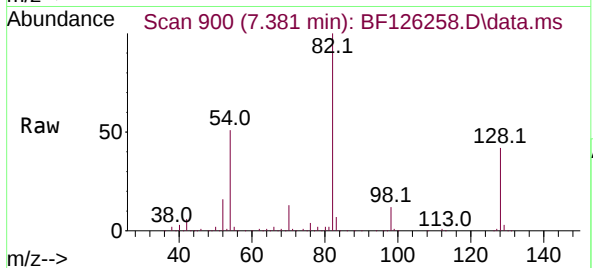
Tgt Ion:	82	Resp:	1690714
Ion Ratio	Lower	Upper	
82	100		
128	42.5	40.6	60.8
54	50.9	49.6	74.4



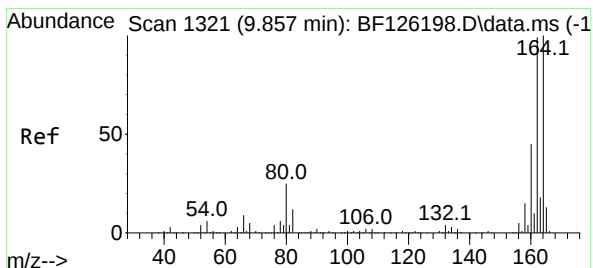
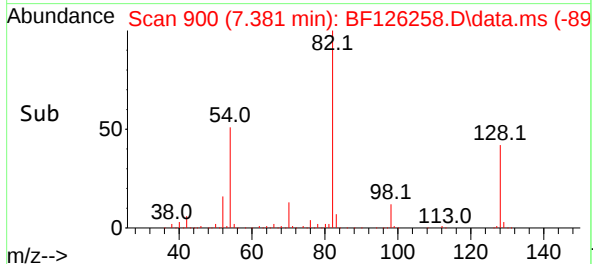
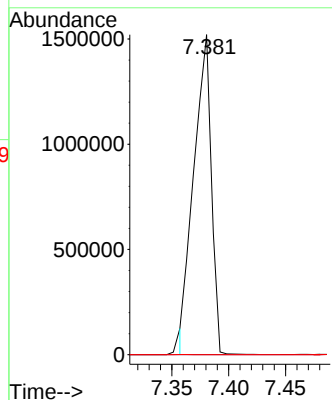


#25
Isophorone
Concen: 49.852 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

Instrument :
BNA_F
ClientSampleId :

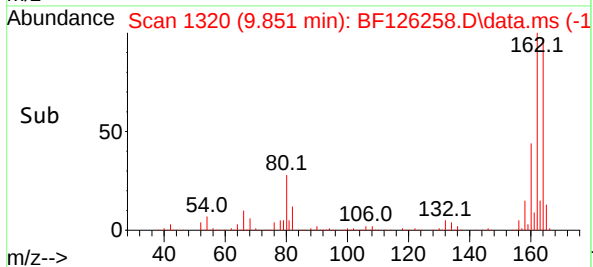
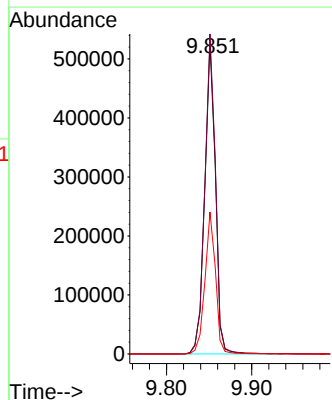
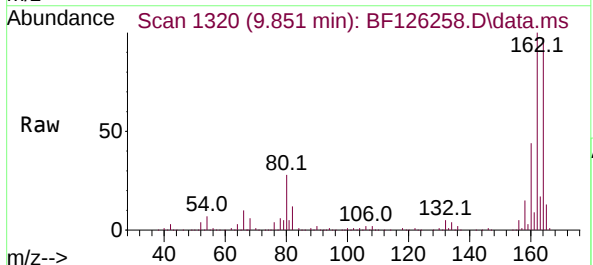


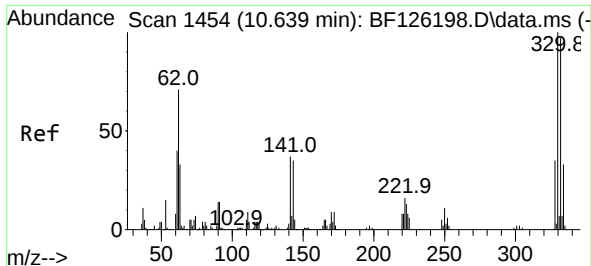
Tgt Ion: 82 Resp: 1637723
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

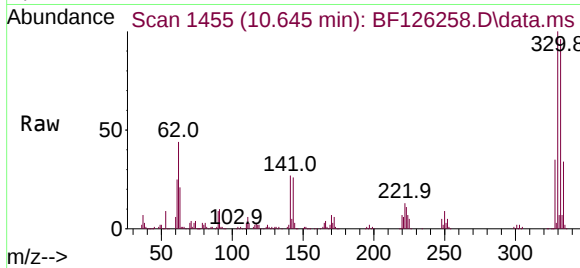
Tgt Ion:164 Resp: 460570
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 45.6 38.0 57.0



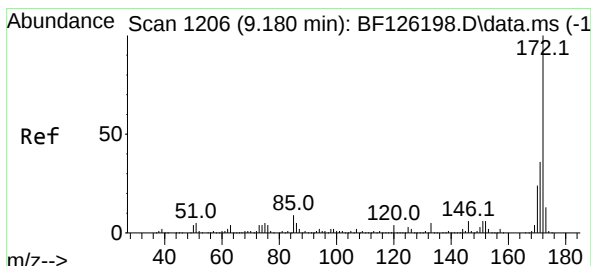
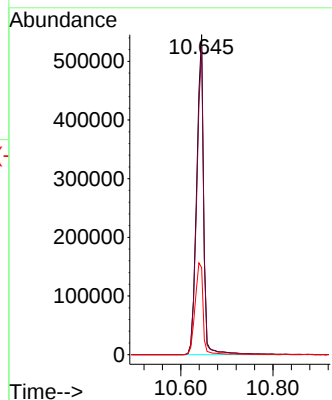
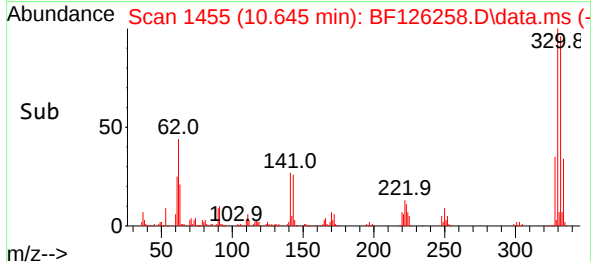


#42
2,4,6-Tribromophenol
Concen: 154.798 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

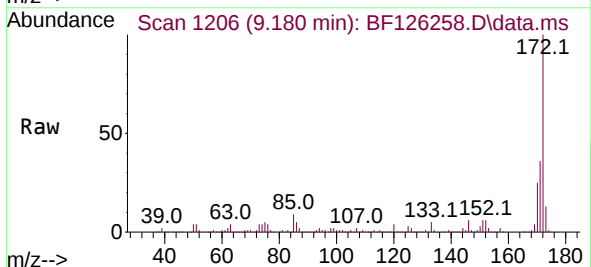
Instrument :
BNA_F
ClientSampleId :



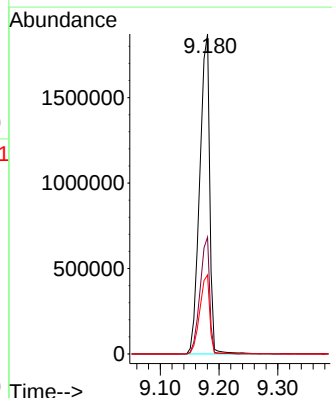
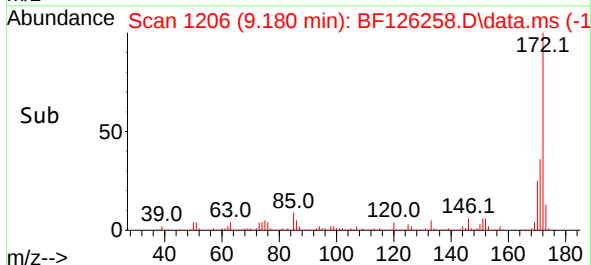
Tgt Ion:330 Resp: 572961
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 32.5 44.6 66.8#

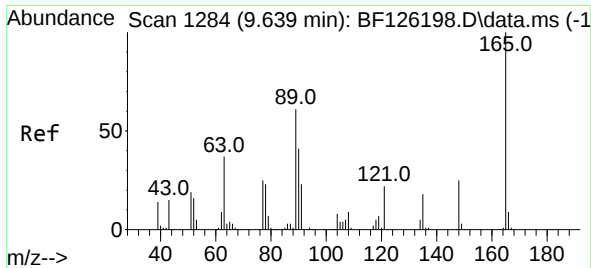


#45
2-Fluorobiphenyl
Concen: 83.849 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14



Tgt Ion:172 Resp: 2201868
Ion Ratio Lower Upper
172 100
171 36.5 26.5 39.7
170 24.7 18.8 28.2

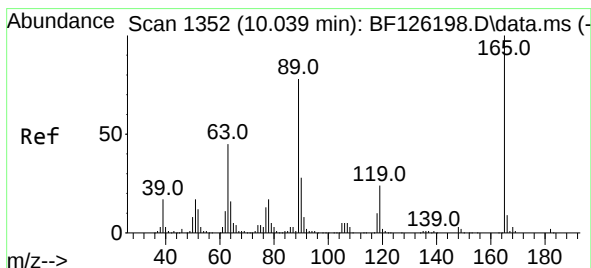
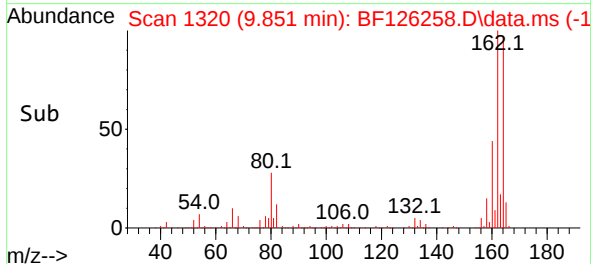
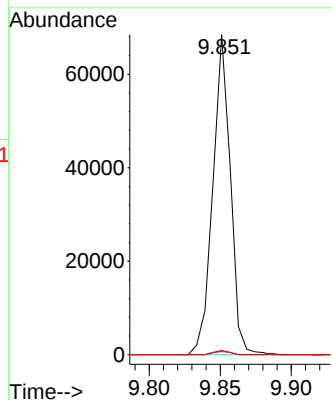
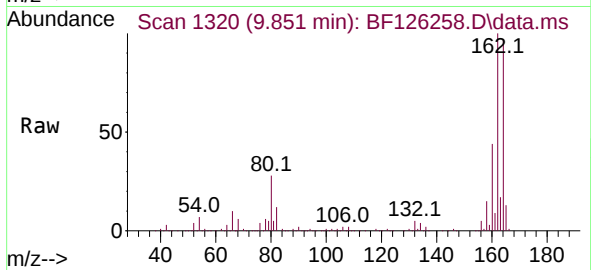




#51
2,6-Dinitrotoluene
Concen: 9.302 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

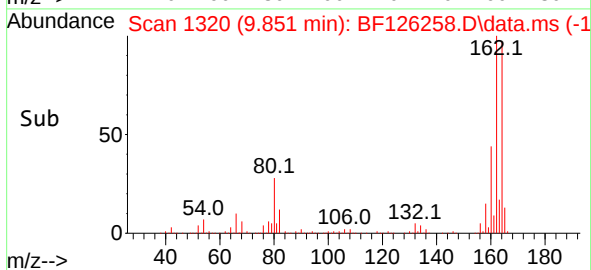
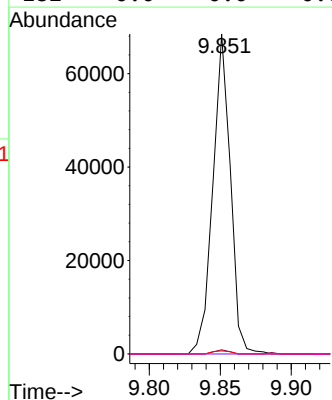
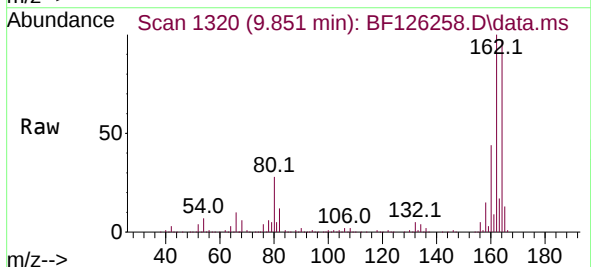
Instrument :
BNA_F
ClientSampleId :

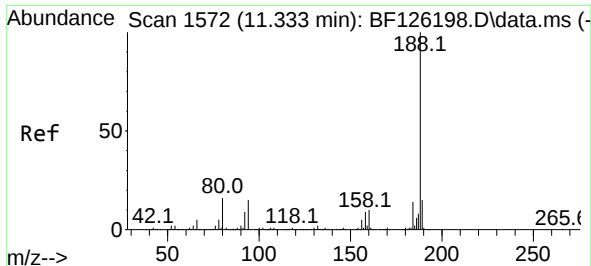
Tgt Ion:165 Resp: 58741
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.292 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

Tgt Ion:165 Resp: 58741
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

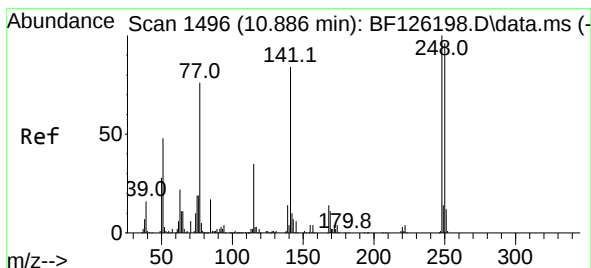
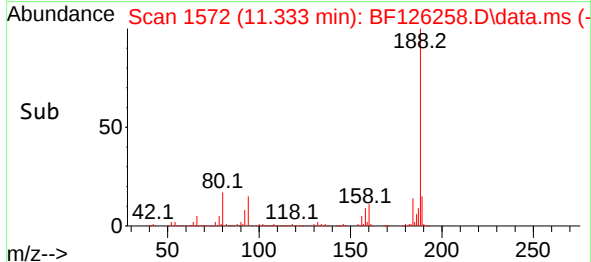
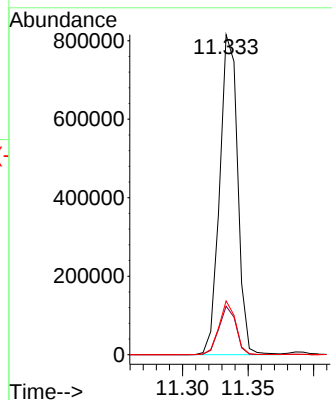
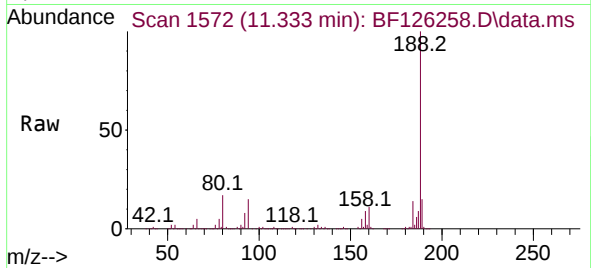




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

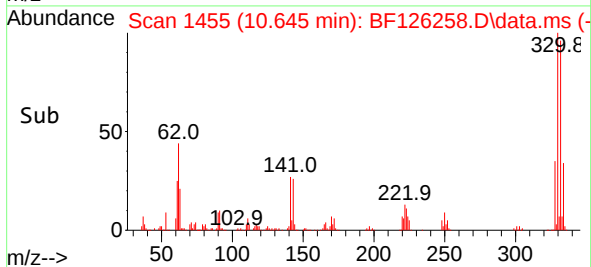
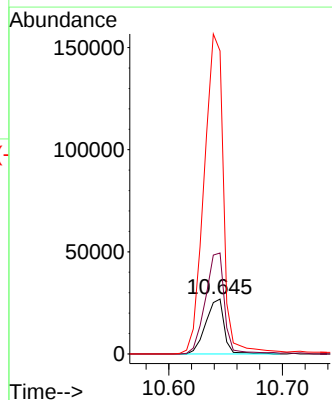
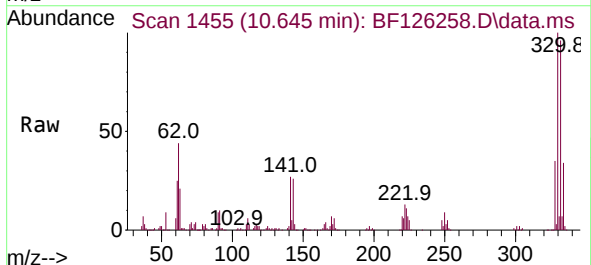
Instrument :
BNA_F
ClientSampleId :

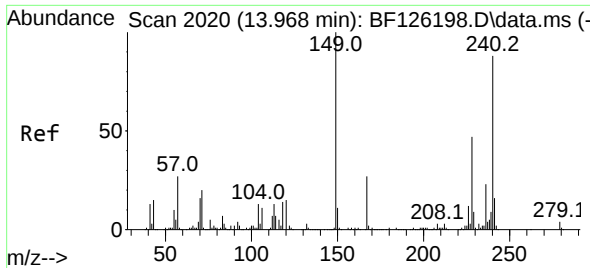
Tgt Ion:188 Resp: 775135
Ion Ratio Lower Upper
188 100
94 15.1 6.7 10.1#
80 16.8 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 4.175 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

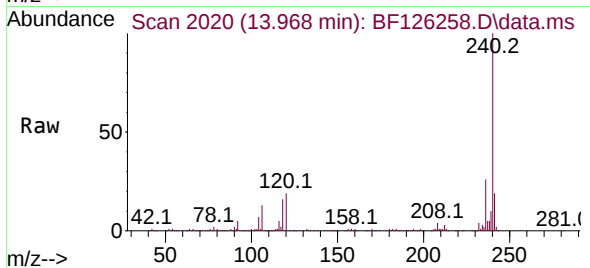
Tgt Ion:248 Resp: 30370
Ion Ratio Lower Upper
248 100
250 183.6 74.2 111.4#
141 551.2 60.4 90.6#



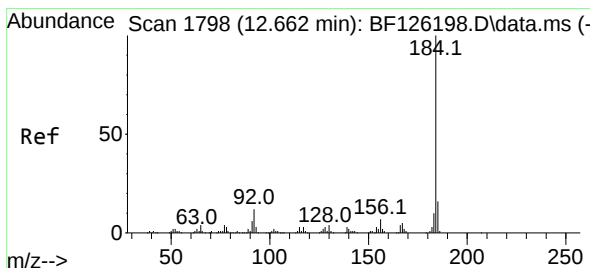
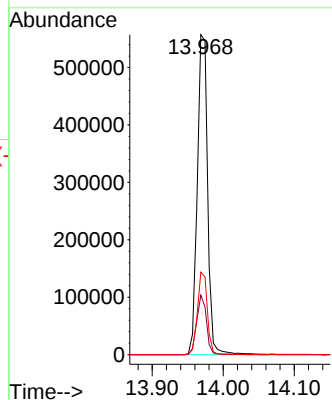
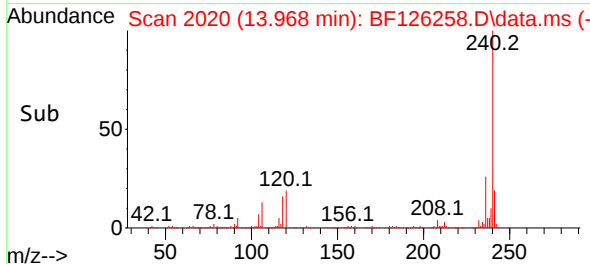


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

Instrument :
BNA_F
ClientSampleId :

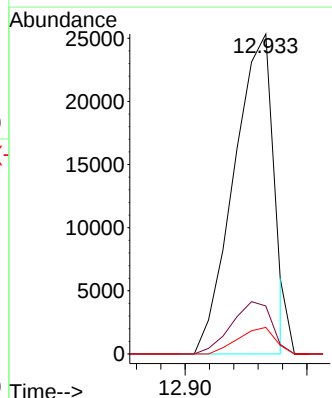
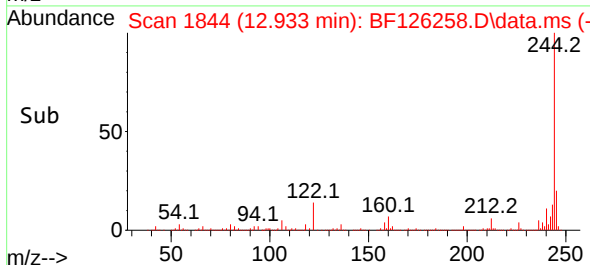
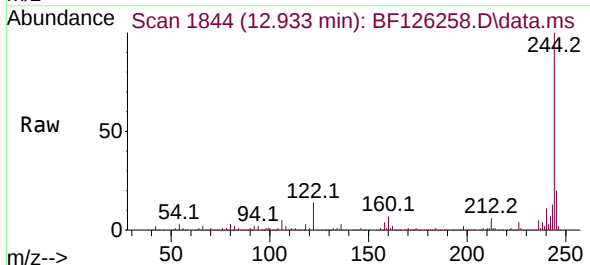


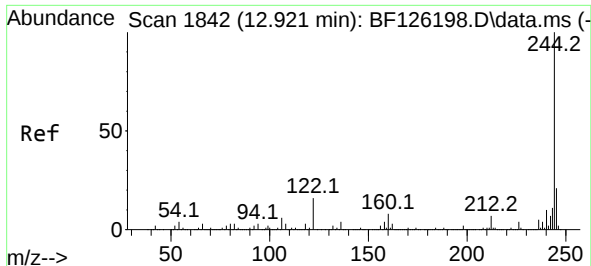
Tgt Ion:240 Resp: 566671
Ion Ratio Lower Upper
240 100
120 18.6 10.8 16.2#
236 25.8 21.6 32.4



#77
Benzidine
Concen: 3.229 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.271 min
Lab File: BF126258.D
Acq: 18 Dec 2021 17:14

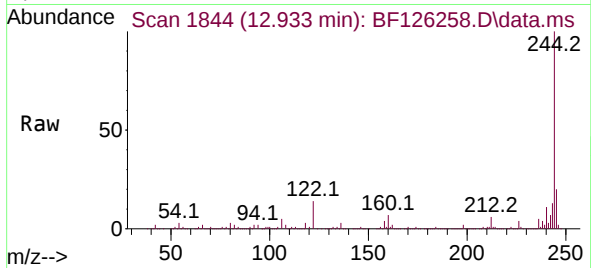
Tgt Ion:184 Resp: 28845
Ion Ratio Lower Upper
184 100
185 15.0 10.8 16.2
183 8.3 8.1 12.1



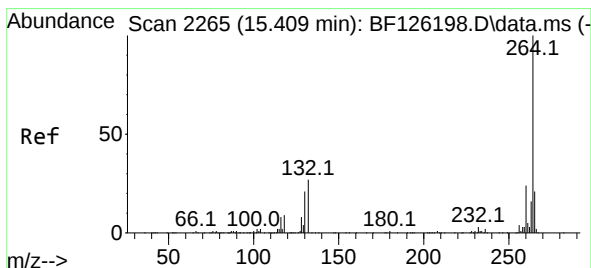
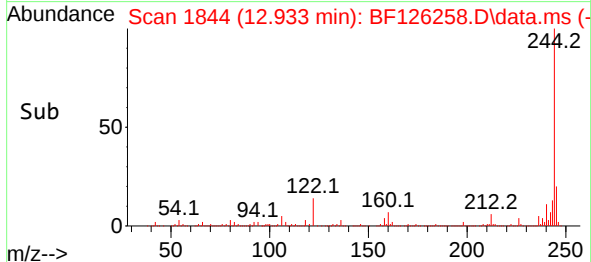
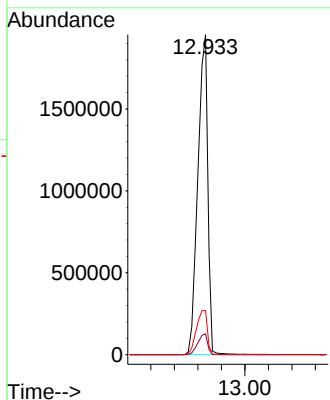


#79
 Terphenyl-d14
 Concen: 70.341 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.012 min
 Lab File: BF126258.D
 Acq: 18 Dec 2021 17:14

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2293301
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 13.8 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126258.D
 Acq: 18 Dec 2021 17:14

Tgt Ion:264 Resp: 442975
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 20.2 17.2 25.8

