

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124275.D
 Acq On : 11 Jun 2021 22:51
 Operator : JU/CG
 Sample : M2625-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 23:47:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

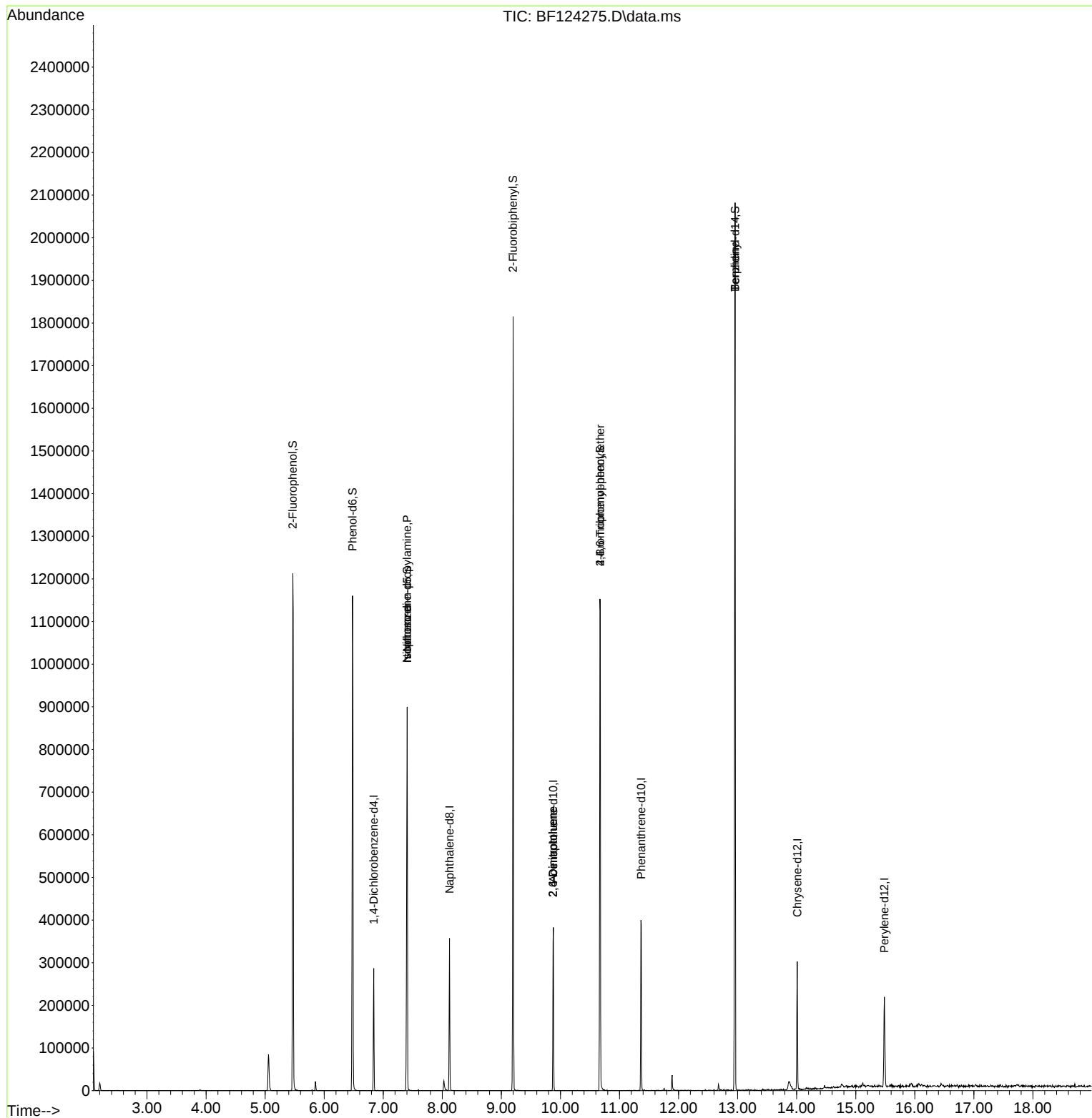
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	33432	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	124379	20.00	ng	#-0.01
39) Acenaphthene-d10	9.880	164	73033	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	140448	20.00	ng	# 0.00
76) Chrysene-d12	14.010	240	90477	20.00	ng	-0.01
86) Perylene-d12	15.486	264	85119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	282927	127.39	ng	-0.01
7) Phenol-d6	6.481	99	357670	119.81	ng	-0.02
23) Nitrobenzene-d5	7.404	82	266886	85.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	134378	129.87	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	506491	87.27	ng	-0.01
79) Terphenyl-d14	12.957	244	600681	91.15	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	39633	18.81	ng	# 68
25) Isophorone	7.404	82	266882	47.23	ng	# 69
51) 2,6-Dinitrotoluene	9.875	165	9996	7.22	ng	# 10
57) 2,4-Dinitrotoluene	9.875	165	9996	5.47	ng	# 15
67) 4-Bromophenyl-phenylether	10.674	248	9207	4.78	ng	# 1
77) Benzydine	12.957	184	11288	8.96	ng	# 96

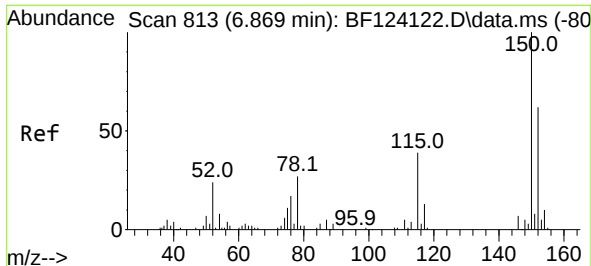
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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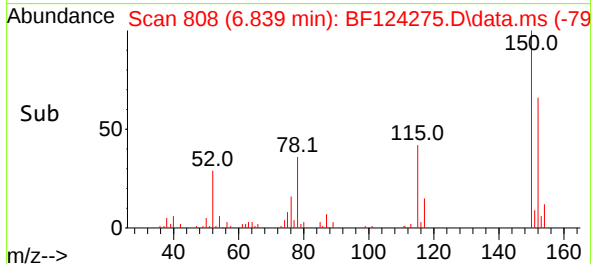
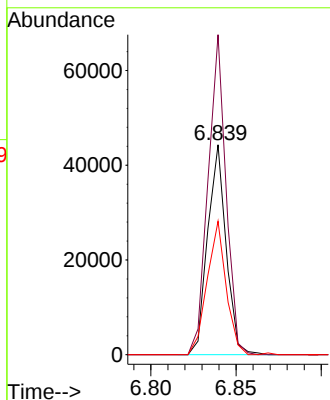
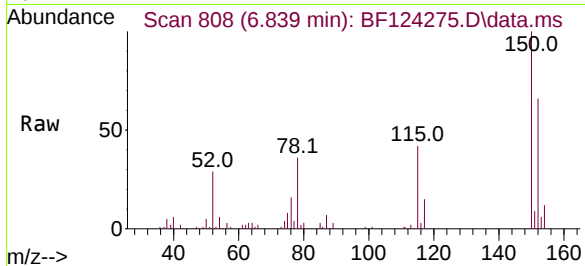




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

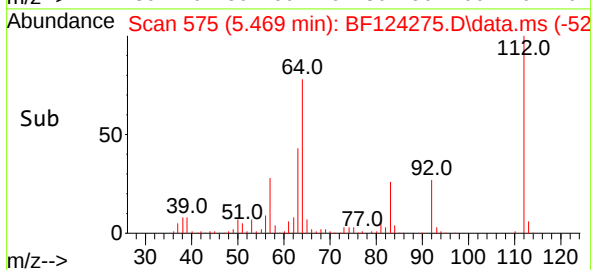
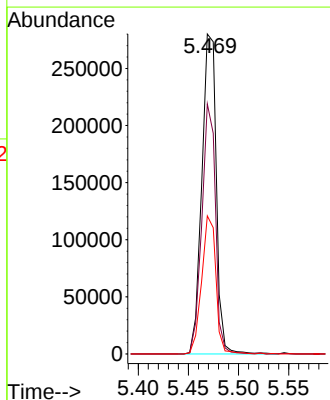
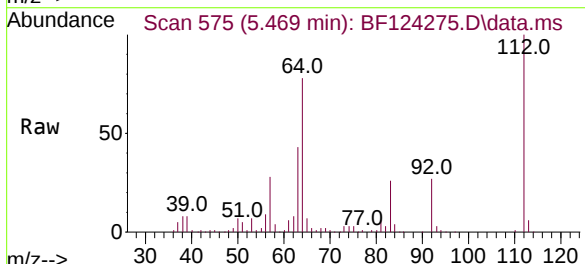
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 33432
Ion Ratio Lower Upper
152 100
150 152.5 127.0 190.6
115 63.6 54.3 81.5



#5
2-Fluorophenol
Concen: 127.39 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

Tgt Ion:112 Resp: 282927
Ion Ratio Lower Upper
112 100
64 78.2 61.4 92.0
63 43.2 33.0 49.4

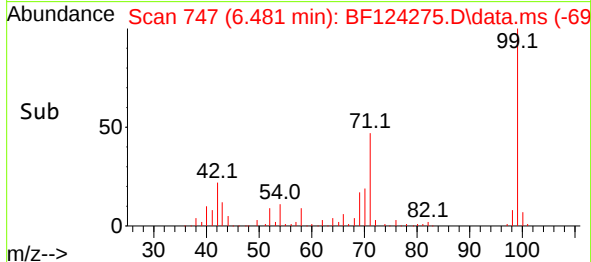
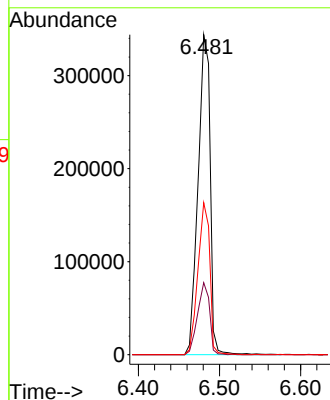
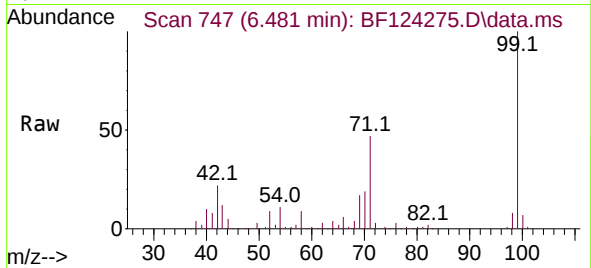




#7
Phenol-d6
Concen: 119.81 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

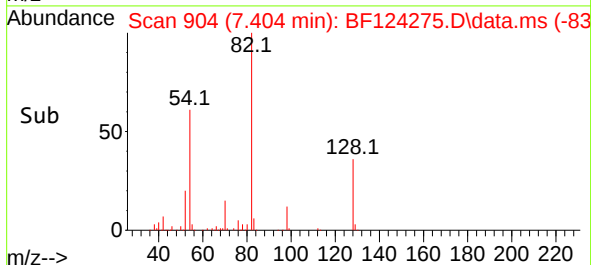
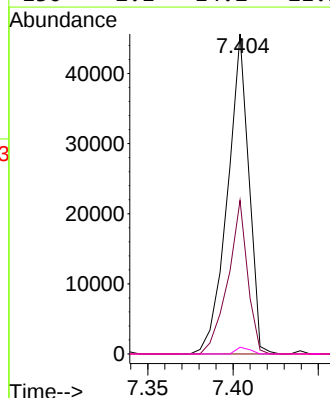
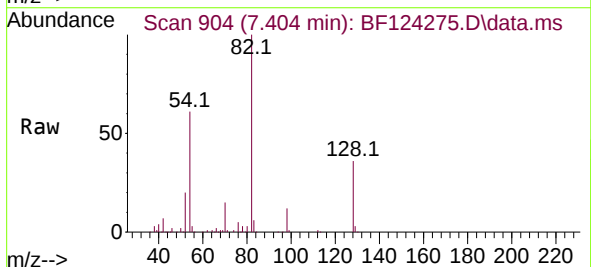
Instrument :
BNA_F
ClientSampleId :

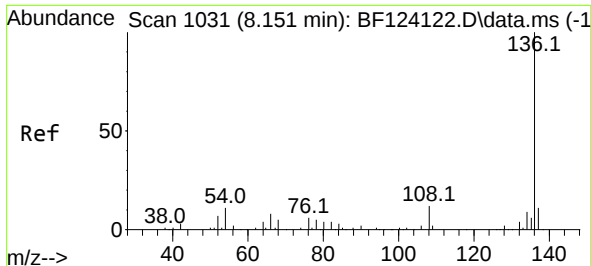
Tgt Ion: 99 Resp: 357670
Ion Ratio Lower Upper
99 100
42 22.5 19.8 29.8
71 47.5 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 18.81 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

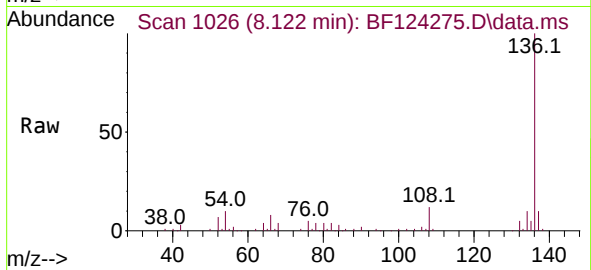
Tgt Ion: 70 Resp: 39633
Ion Ratio Lower Upper
70 100
42 48.0 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#



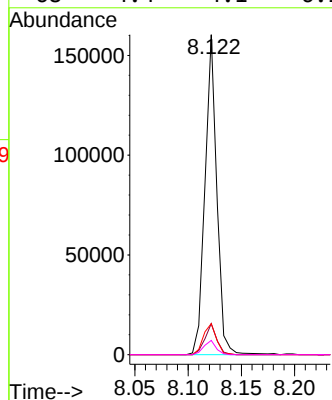
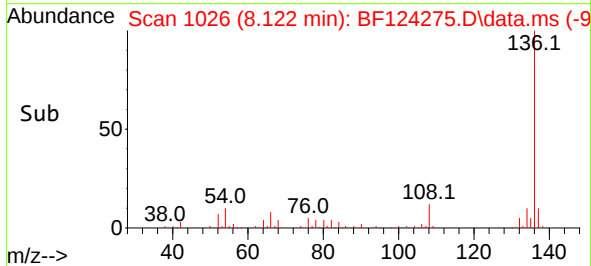


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

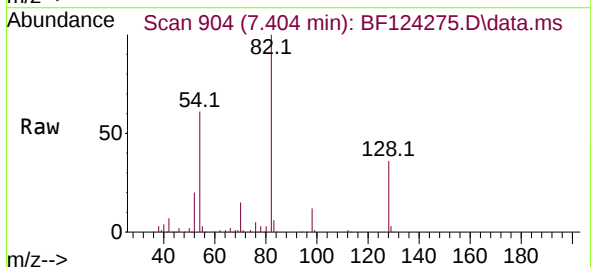
Instrument :
BNA_F
ClientSampleId :



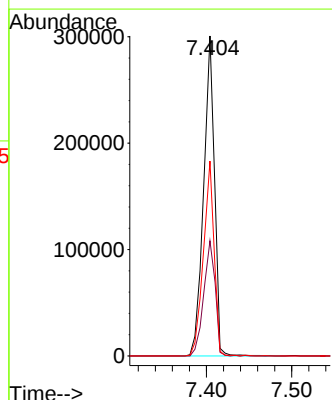
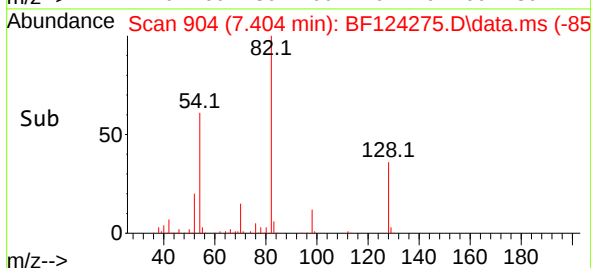
Tgt Ion:136	Resp:	124379
Ion Ratio	Lower	Upper
136	100	
137	9.7	8.7 13.1
54	9.7	9.8 14.6#
68	4.4	4.1 6.1

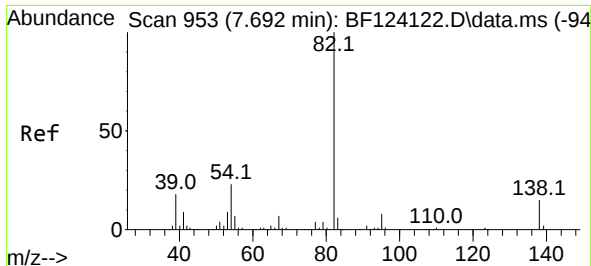


#23
Nitrobenzene-d5
Concen: 85.10 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51



Tgt Ion: 82	Resp:	266886
Ion Ratio	Lower	Upper
82	100	
128	36.0	29.4 44.2
54	60.9	54.1 81.1

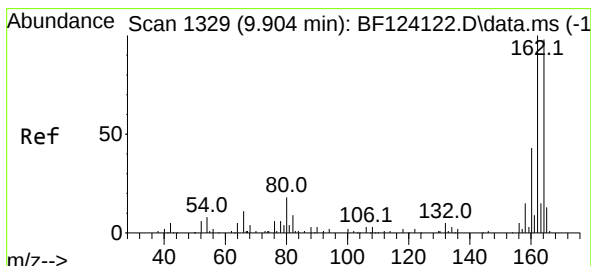
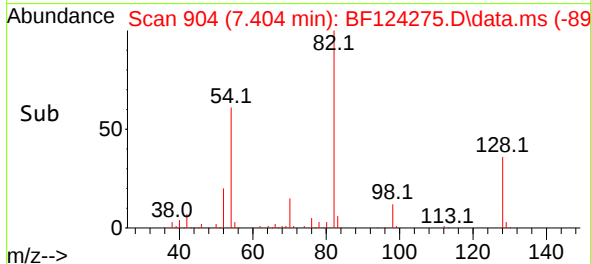
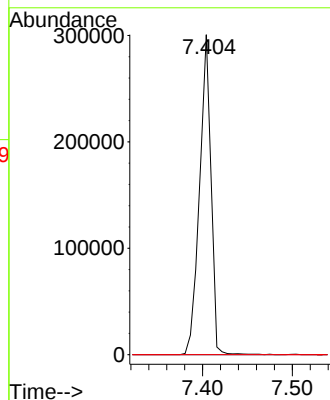
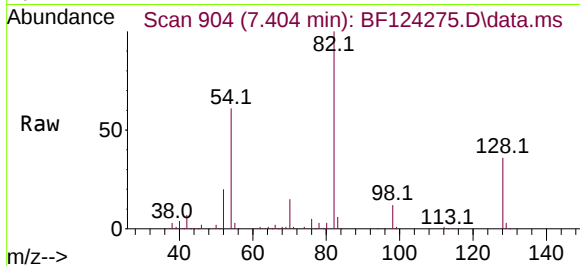




#25
Isophorone
Concen: 47.23 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

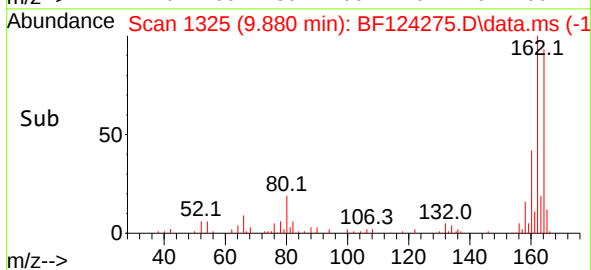
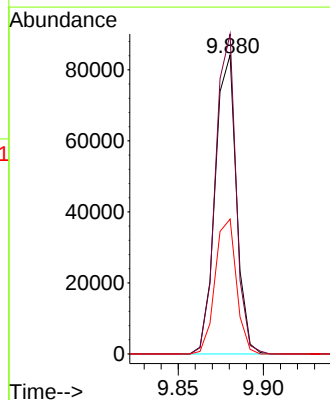
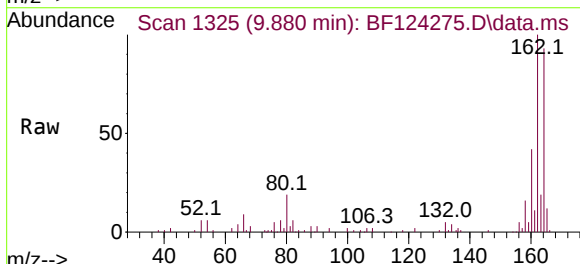
Instrument :
BNA_F
ClientSampleId :

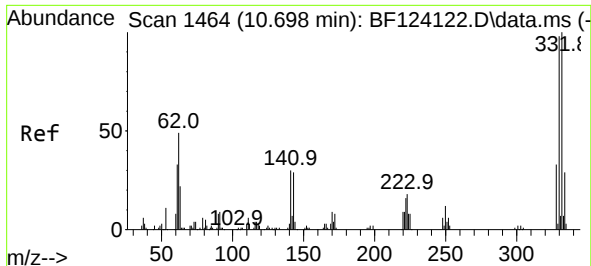
Tgt Ion: 82 Resp: 266882
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

Tgt Ion: 164 Resp: 73033
Ion Ratio Lower Upper
164 100
162 107.0 80.7 121.1
160 45.1 37.3 55.9

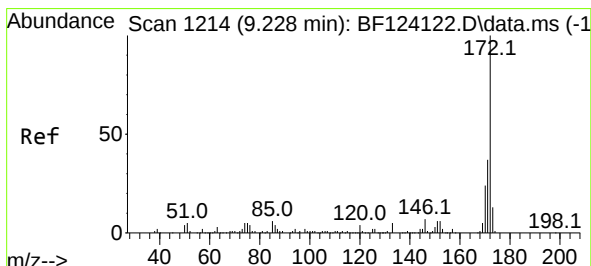
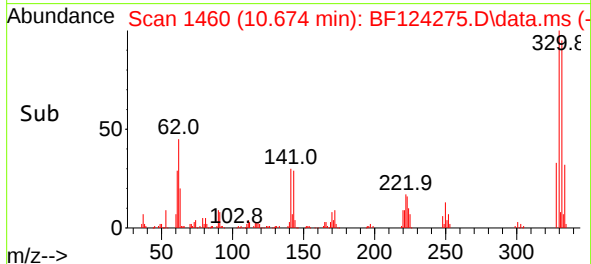
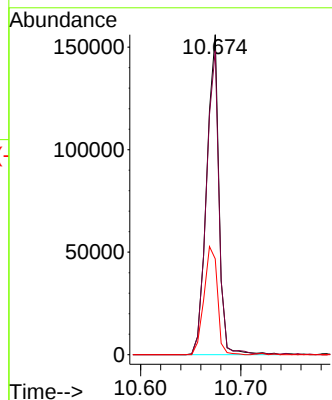
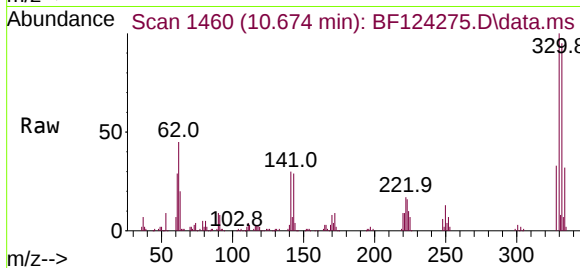




#42
2,4,6-Tribromophenol
Concen: 129.87 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

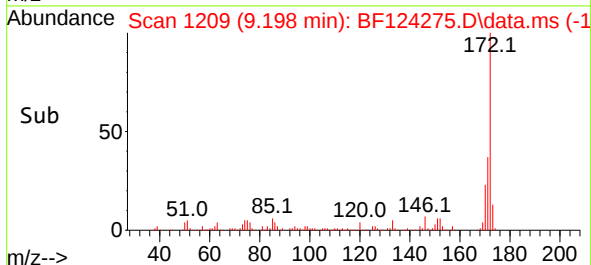
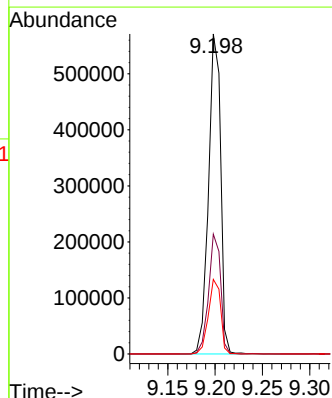
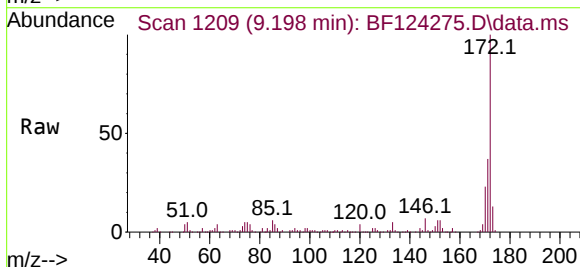
Instrument :
BNA_F
ClientSampleId :

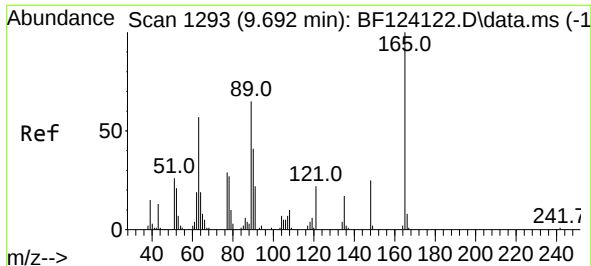
Tgt Ion:330 Resp: 134378
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 36.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 87.27 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

Tgt Ion:172 Resp: 506491
Ion Ratio Lower Upper
172 100
171 37.4 28.1 42.1
170 23.3 19.2 28.8

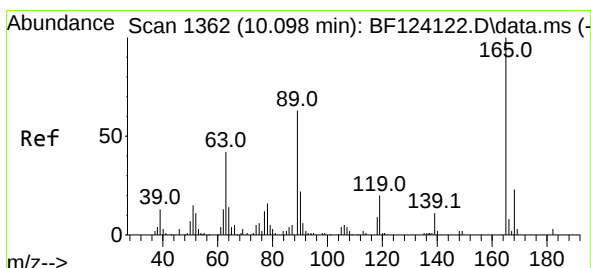
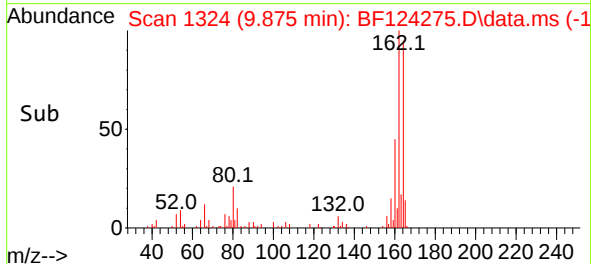
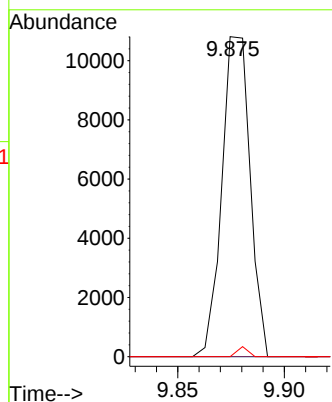
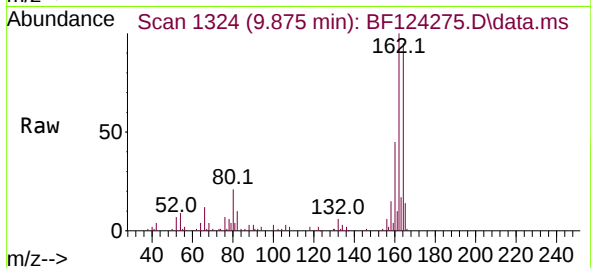




#51
2,6-Dinitrotoluene
Concen: 7.22 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.194 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

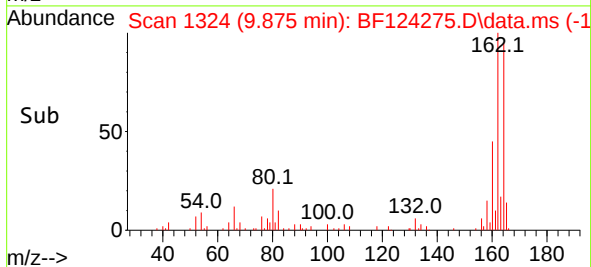
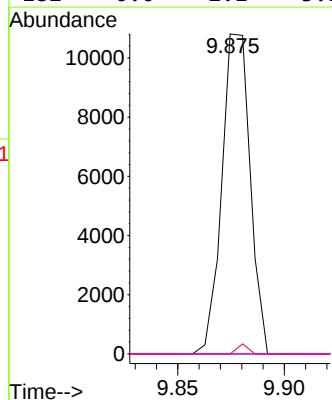
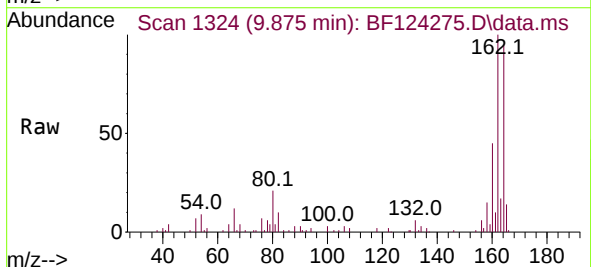
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BNA_F
ClientSampleId :

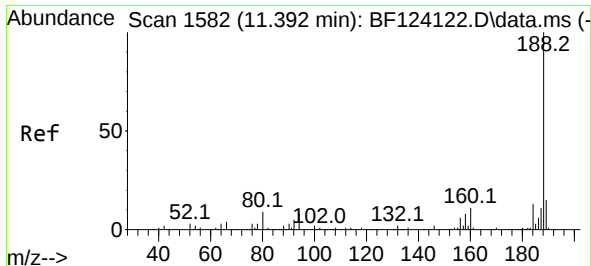
Tgt Ion:165 Resp: 9996
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.212 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

Tgt Ion:165 Resp: 9996
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

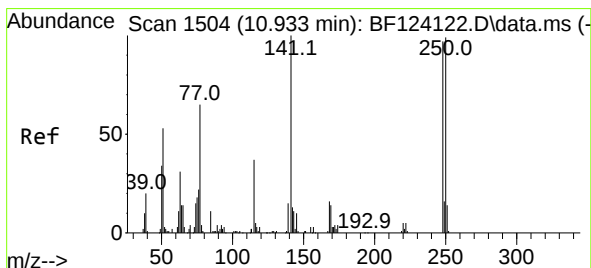
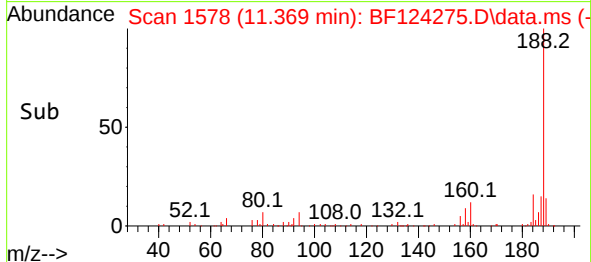
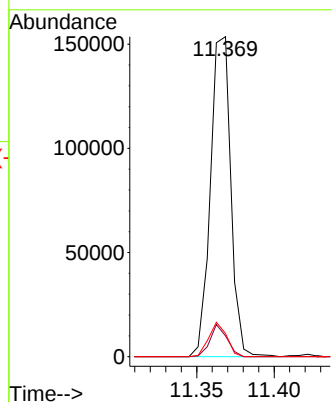
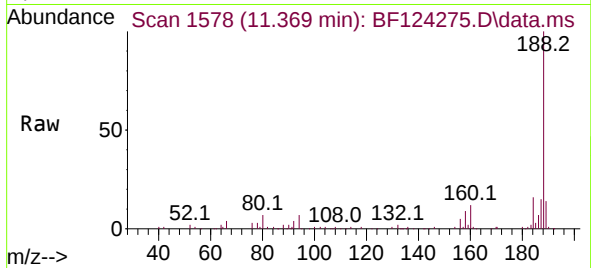




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

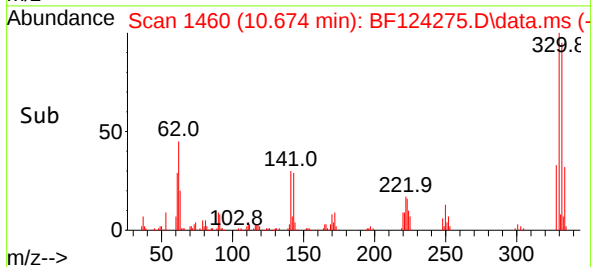
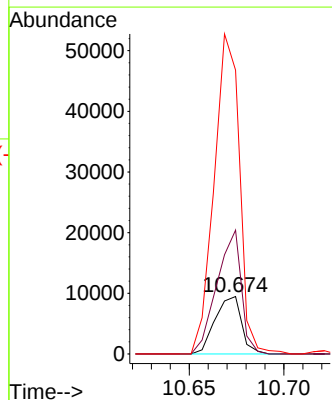
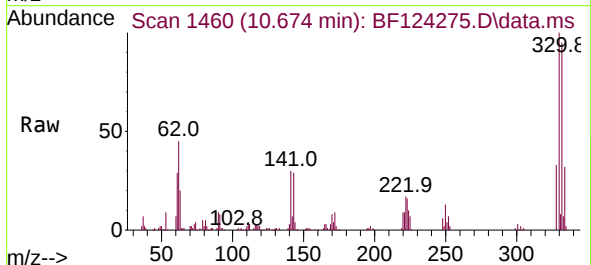
Instrument :
BNA_F
ClientSampleId :

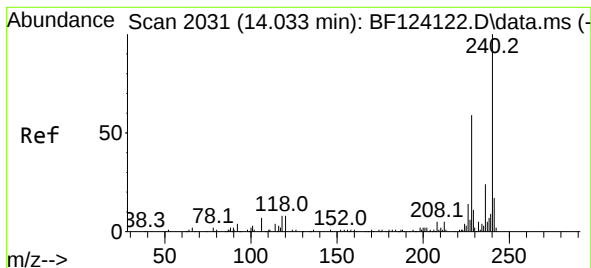
Tgt Ion:188 Resp: 140448
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.3 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

Tgt Ion:248 Resp: 9207
Ion Ratio Lower Upper
248 100
250 215.7 77.4 116.2#
141 494.6 63.7 95.5#

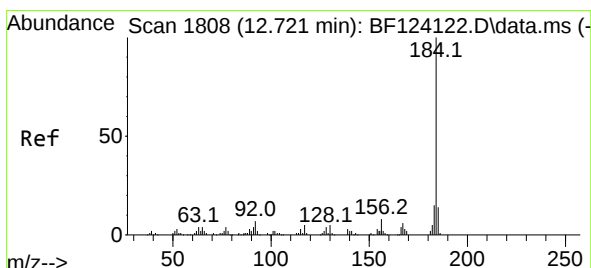
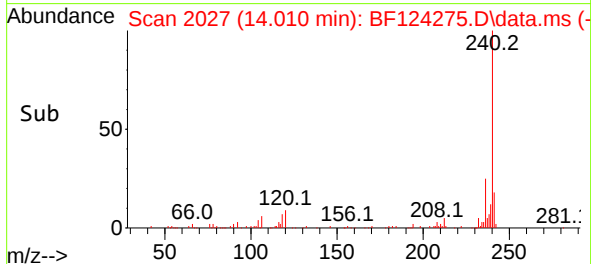
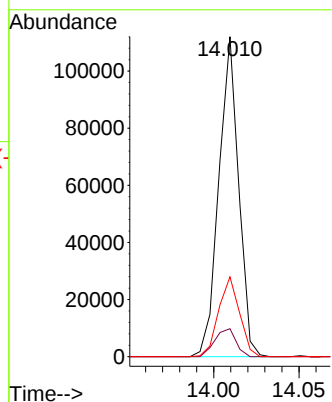
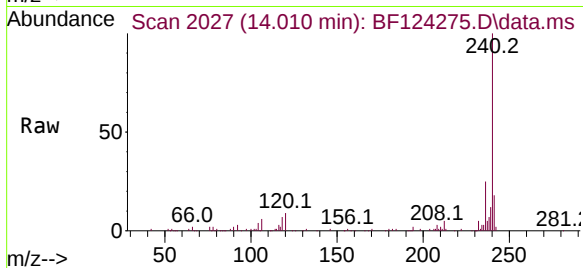




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

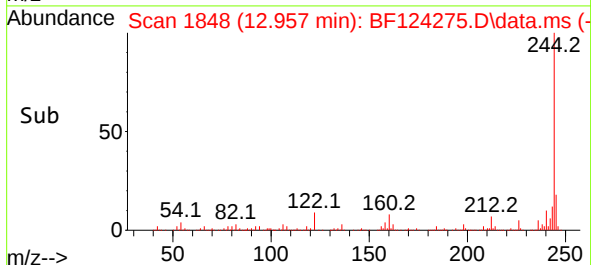
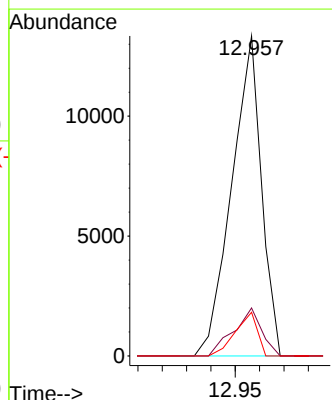
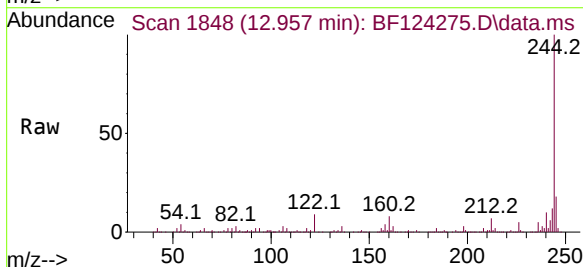
Instrument :
BNA_F
ClientSampleId :

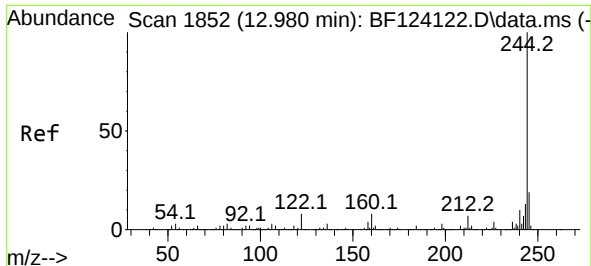
Tgt Ion:240 Resp: 90477
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 24.9 19.0 28.4



#77
Benzidine
Concen: 8.96 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

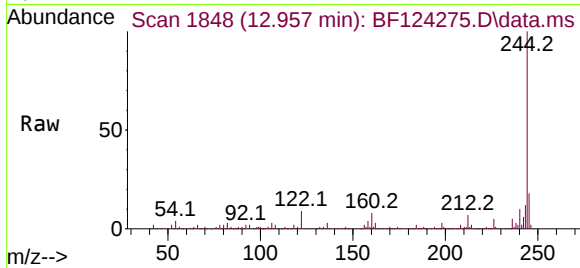
Tgt Ion:184 Resp: 11288
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 13.7 7.8 11.8#



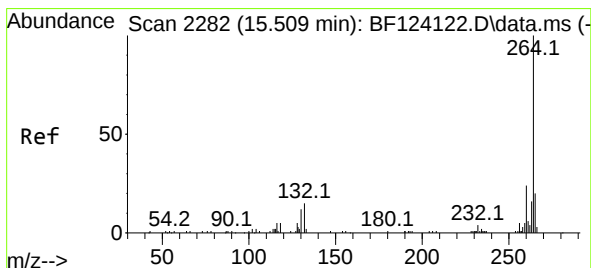
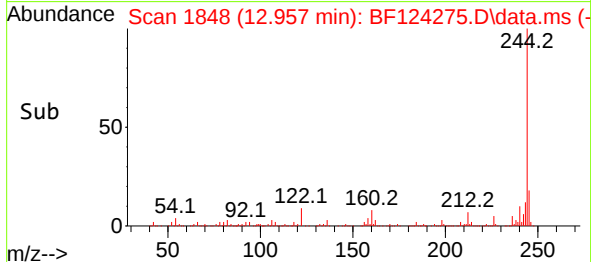
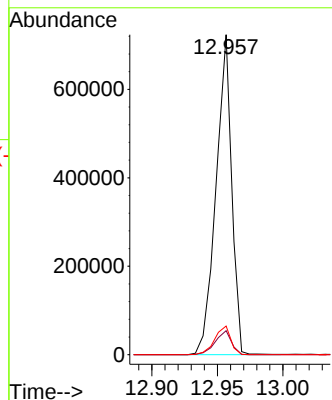


#79
 Terphenyl-d14
 Concen: 91.15 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124275.D
 Acq: 11 Jun 2021 22:51

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 600681
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 9.0 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF124275.D
 Acq: 11 Jun 2021 22:51

Tgt Ion:264 Resp: 85119
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.7 28.1
 265 19.9 17.8 26.8

