

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126469.D
 Acq On : 4 Jan 2022 15:41
 Operator : JU/CG
 Sample : PB141549BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 01:59:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

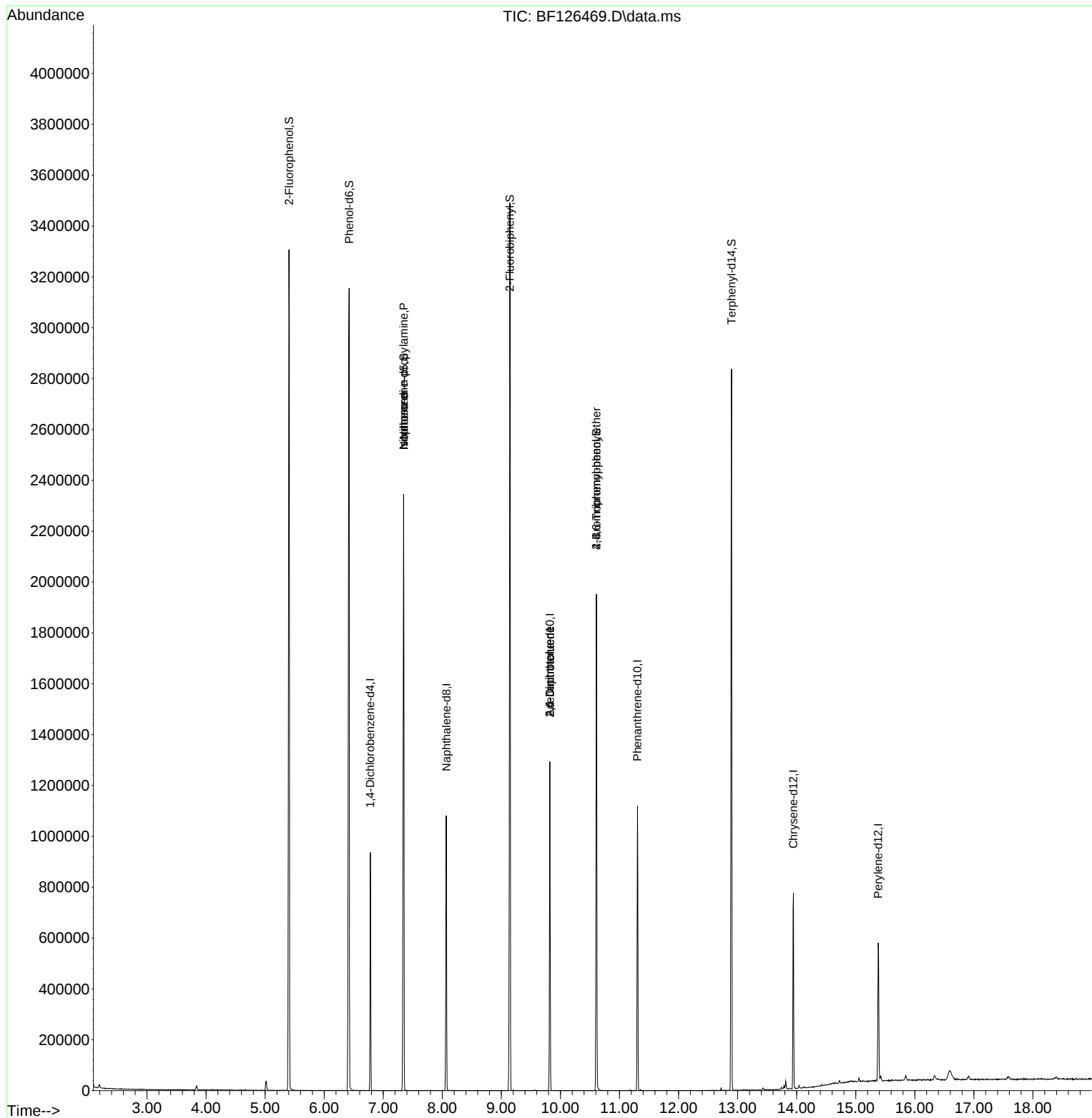
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	128632	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	535964	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	237138	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	377722	20.000	ng	0.00
76) Chrysene-d12	13.945	240	250948	20.000	ng	0.00
86) Perylene-d12	15.380	264	213583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1086028	121.245	ng	0.01
7) Phenol-d6	6.422	99	1341870	115.663	ng	0.00
23) Nitrobenzene-d5	7.345	82	876782	83.997	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	244026	133.168	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1135799	84.284	ng	0.00
79) Terphenyl-d14	12.898	244	997908	77.262	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	111033	16.772	ng	# 79
25) Isophorone	7.345	82	872240	46.679	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	30544	9.554	ng	# 21
57) 2,4-Dinitrotoluene	9.822	165	30544	7.405	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	12573	3.750	ng	# 1
77) Benzidine	12.639	184	1208	Below Cal		# 68

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

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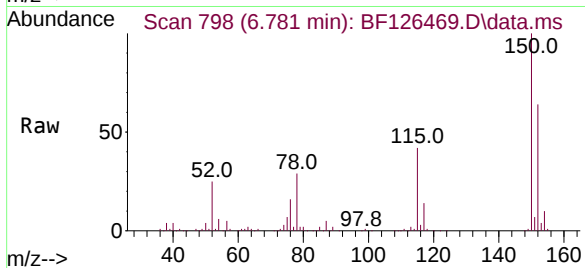
Quant Time: Jan 05 01:59:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration



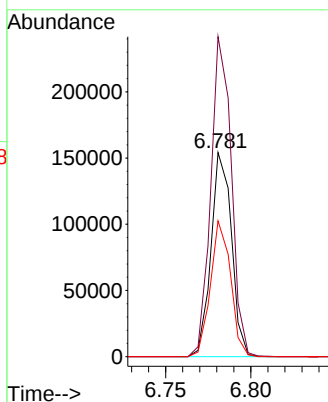
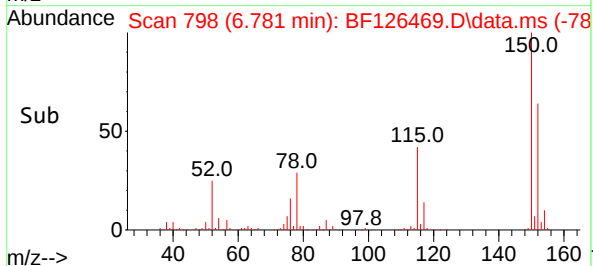


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41

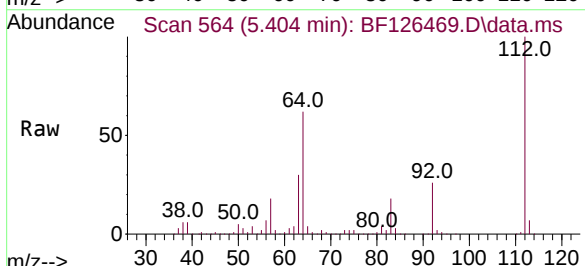
Instrument :
BNA_F
ClientSampleId :



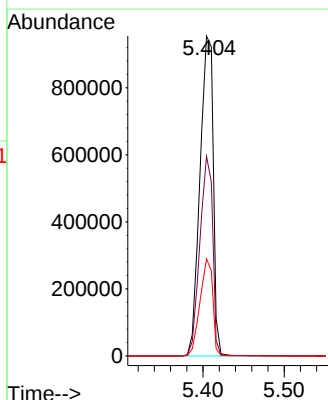
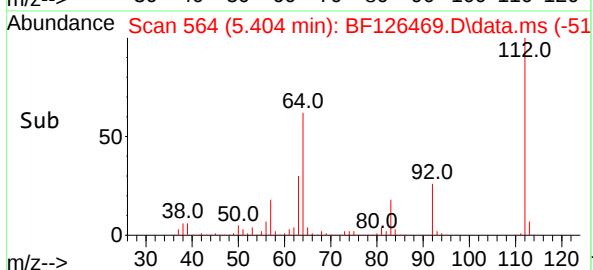
Tgt Ion:152 Resp: 128632
Ion Ratio Lower Upper
152 100
150 156.7 128.1 192.1
115 66.5 56.7 85.1

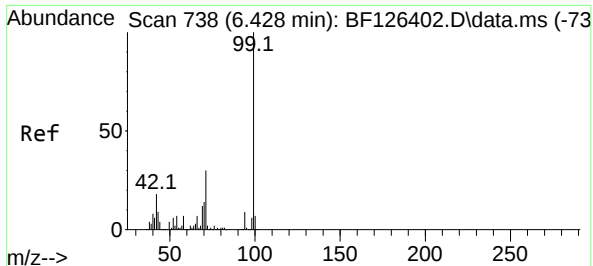


#5
2-Fluorophenol
Concen: 121.245 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41



Tgt Ion:112 Resp: 1086028
Ion Ratio Lower Upper
112 100
64 62.4 49.5 74.3
63 30.3 23.9 35.9

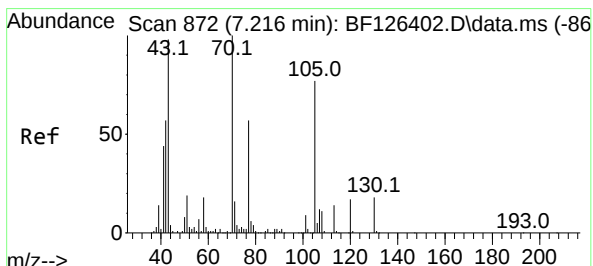
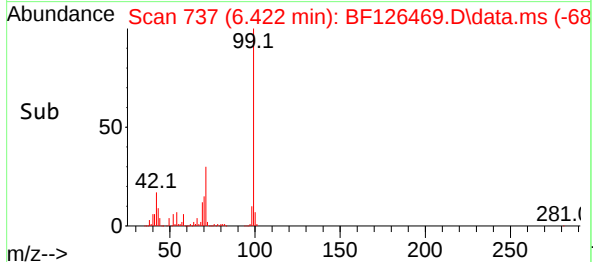
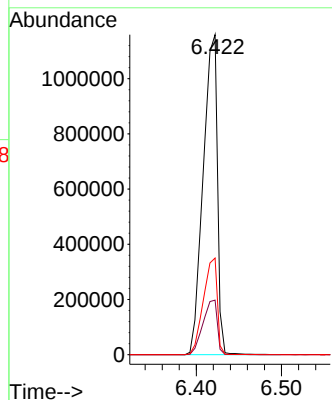
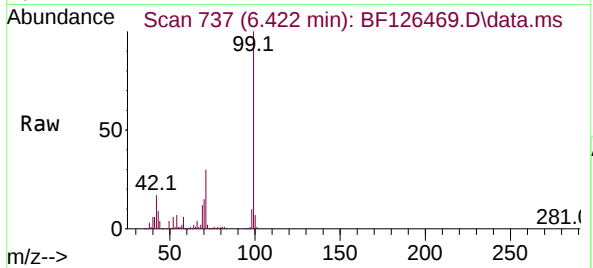




#7
Phenol-d6
Concen: 115.663 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41

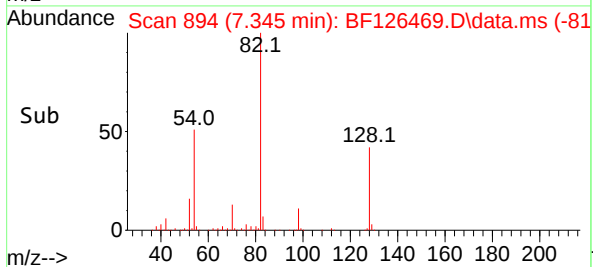
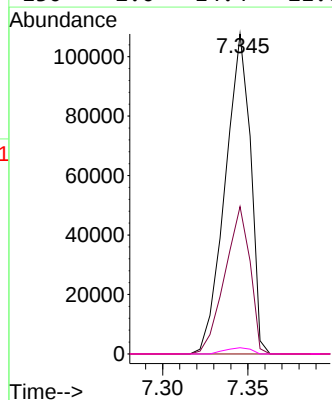
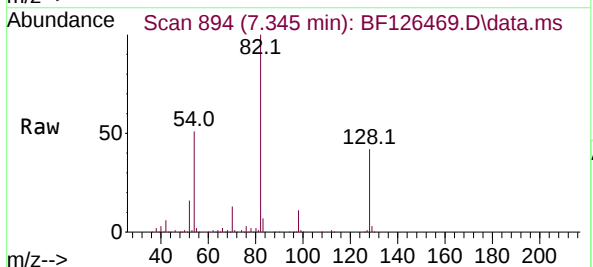
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1341870
Ion Ratio Lower Upper
99 100
42 17.1 14.2 21.4
71 30.2 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.772 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41

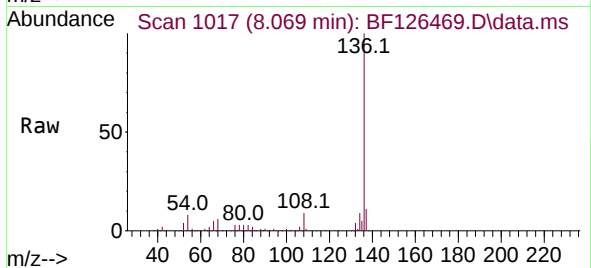
Tgt Ion: 70 Resp: 111033
Ion Ratio Lower Upper
70 100
42 46.0 45.8 68.8
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#



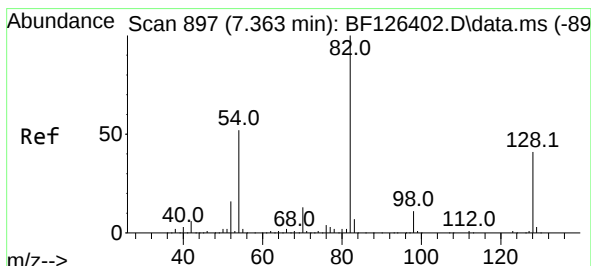
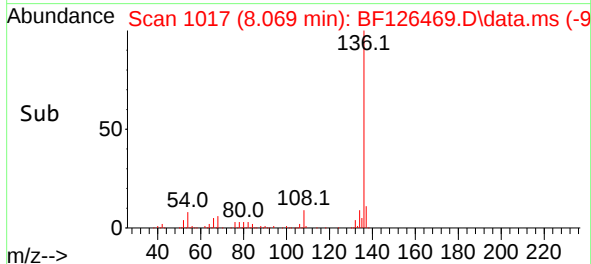
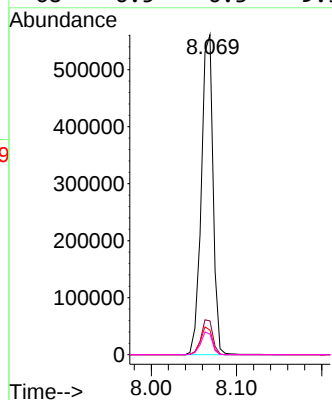


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41

Instrument :
BNA_F
ClientSampleId :

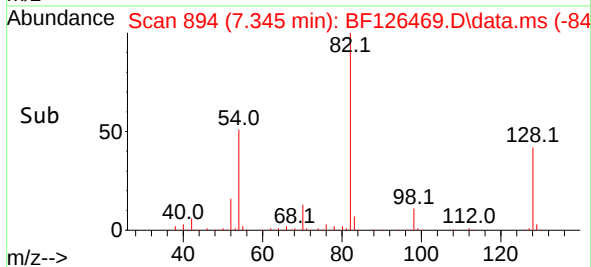
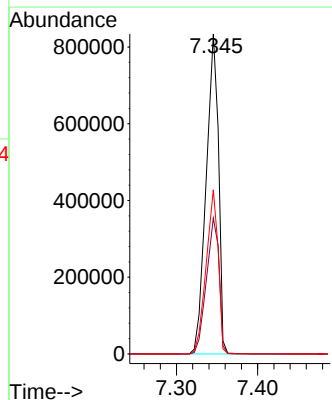
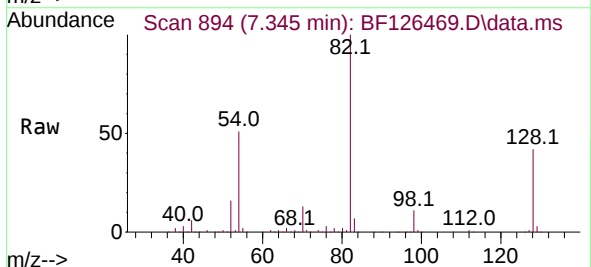


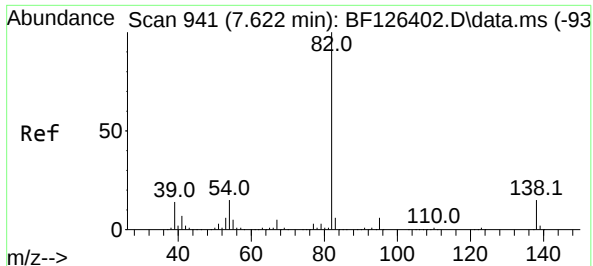
Tgt Ion:136 Resp: 535964
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.7 7.8 11.6#
68 6.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 83.997 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41

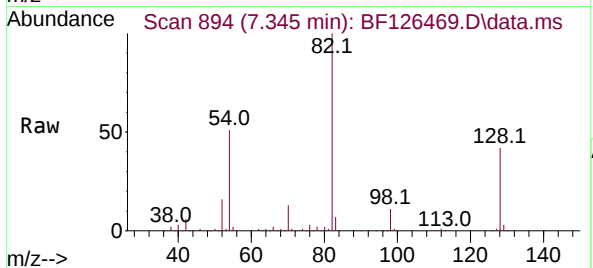
Tgt Ion: 82 Resp: 876782
Ion Ratio Lower Upper
82 100
128 42.5 32.7 49.1
54 51.3 41.7 62.5



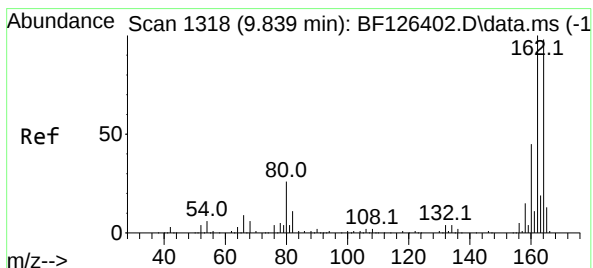
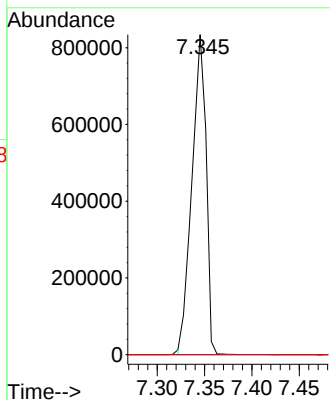
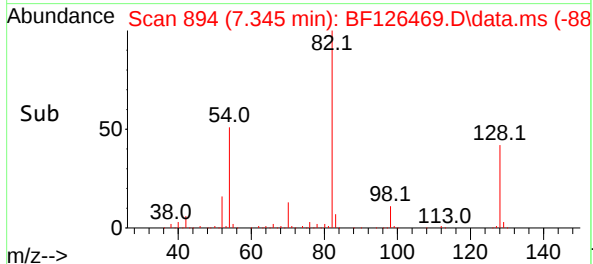


#25
Isophorone
Concen: 46.679 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41

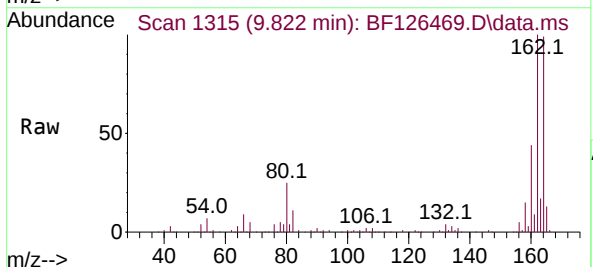
Instrument :
BNA_F
ClientSampleId :



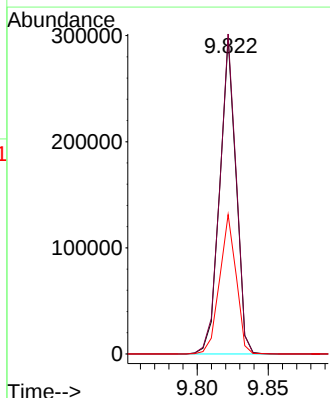
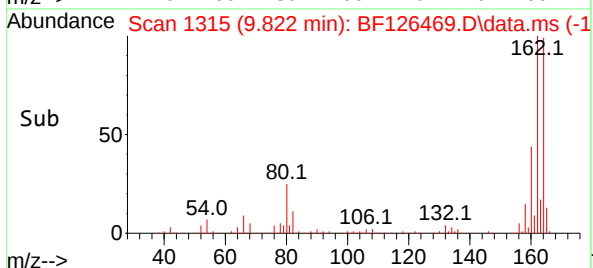
Tgt Ion: 82 Resp: 872240
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41



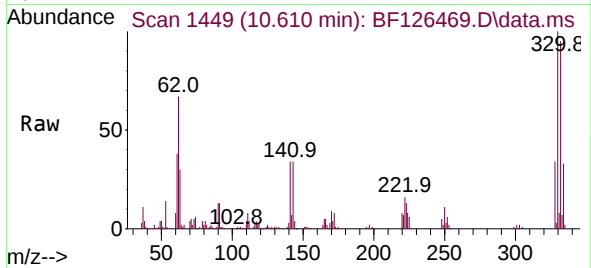
Tgt Ion: 164 Resp: 237138
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.2 36.6 54.8



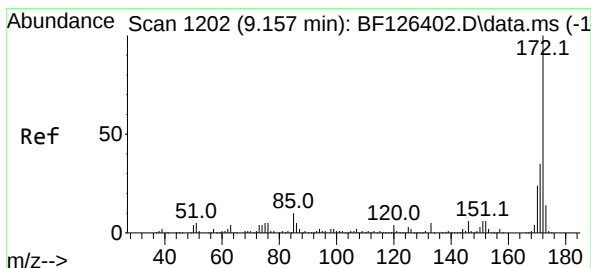
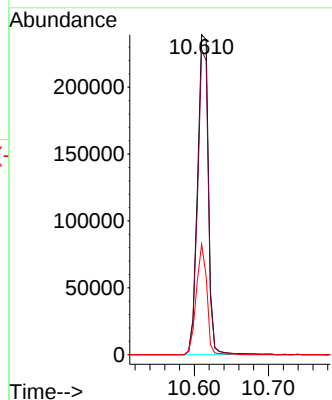
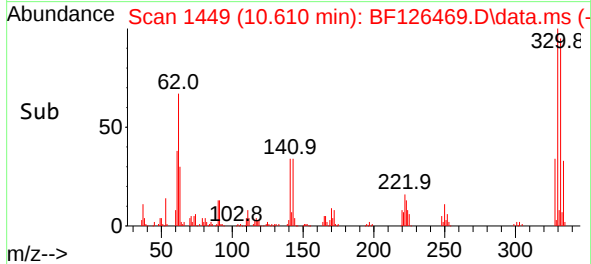


#42
2,4,6-Tribromophenol
Concen: 133.168 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41

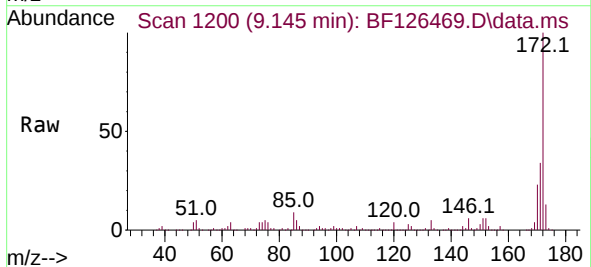
Instrument :
BNA_F
ClientSampleId :



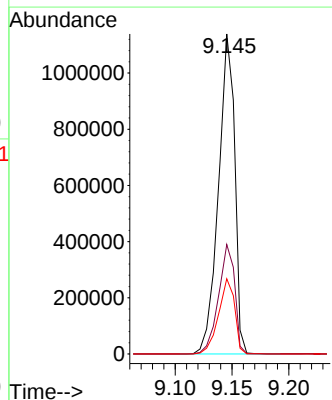
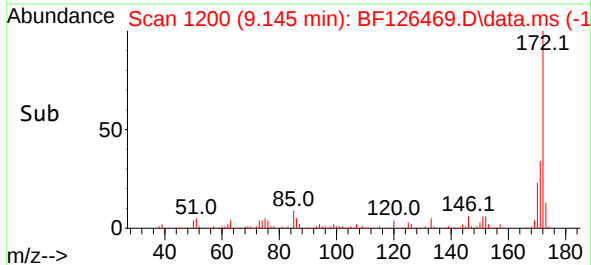
Tgt Ion:330 Resp: 244026
Ion Ratio Lower Upper
330 100
332 93.6 76.0 114.0
141 33.1 30.1 45.1

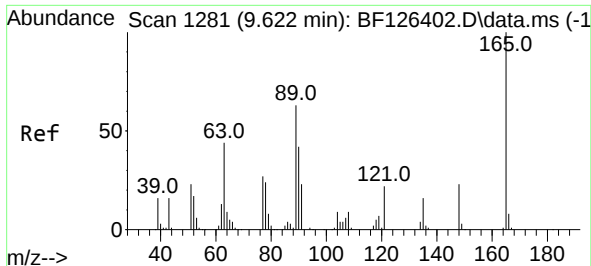


#45
2-Fluorobiphenyl
Concen: 84.284 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41



Tgt Ion:172 Resp: 1135799
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.5 19.0 28.6

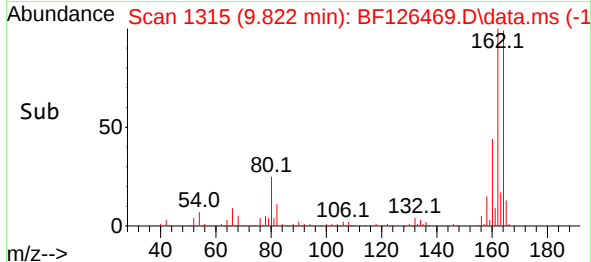
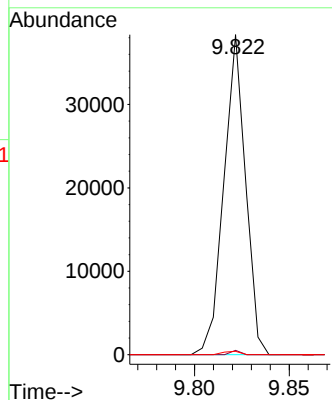
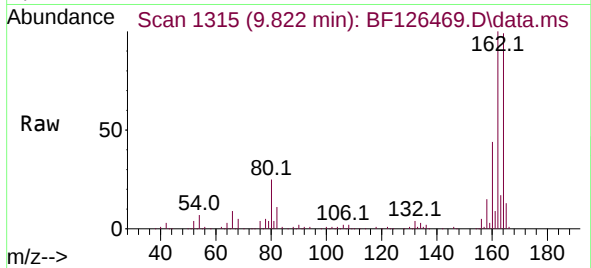




#51
2,6-Dinitrotoluene
Concen: 9.554 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.212 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41

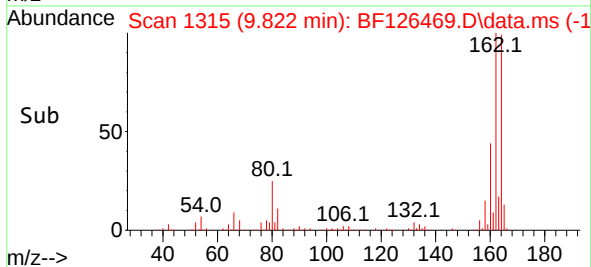
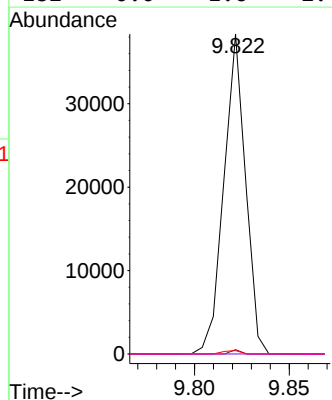
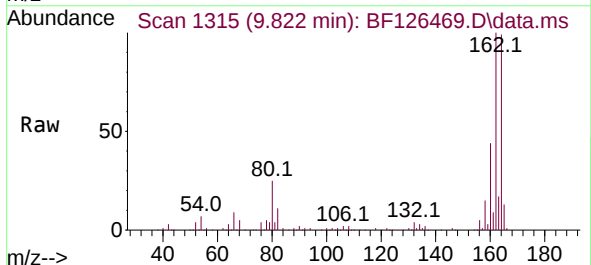
Instrument :
BNA_F
ClientSampleId :

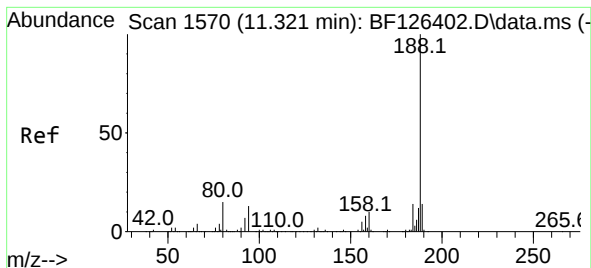
Tgt Ion:165 Resp: 30544
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.1 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.405 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41

Tgt Ion:165 Resp: 30544
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126469.D

Acq: 4 Jan 2022 15:41

Instrument :

BNA_F

ClientSampleId :

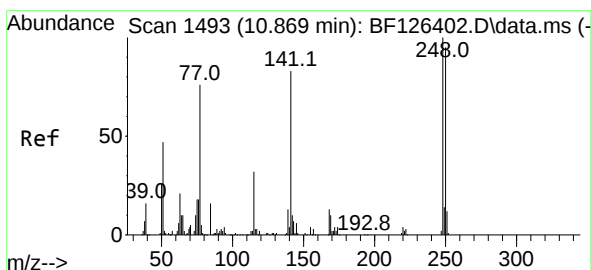
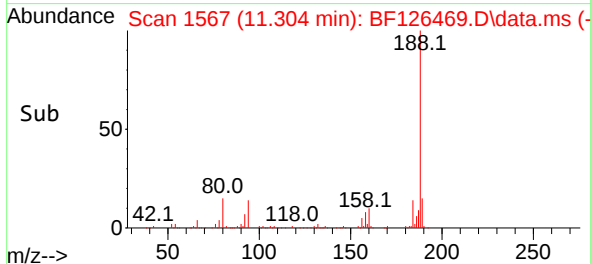
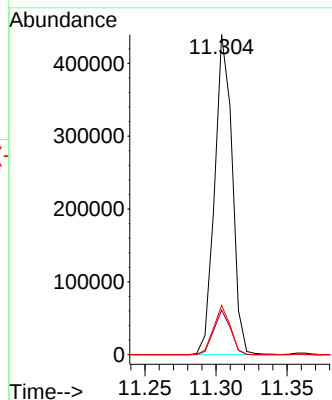
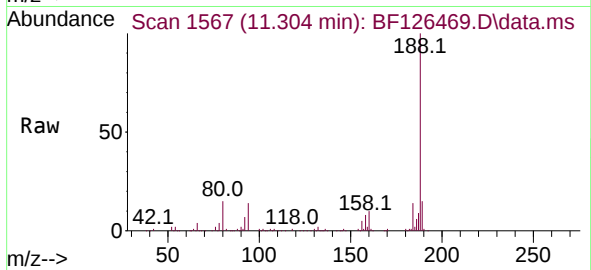
Tgt Ion:188 Resp: 377722

Ion Ratio Lower Upper

188 100

94 14.0 10.1 15.1

80 15.4 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.750 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF126469.D

Acq: 4 Jan 2022 15:41

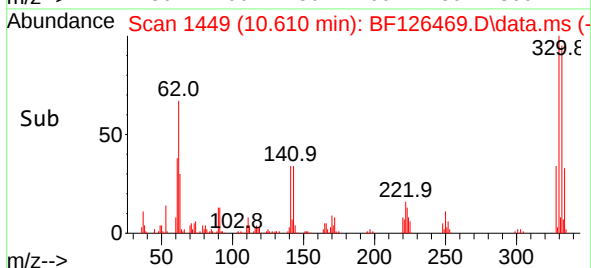
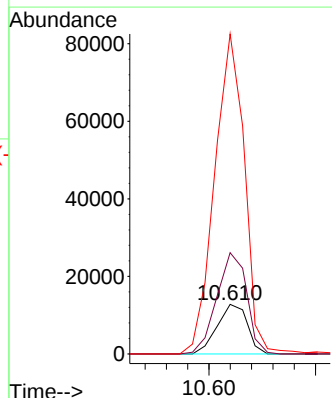
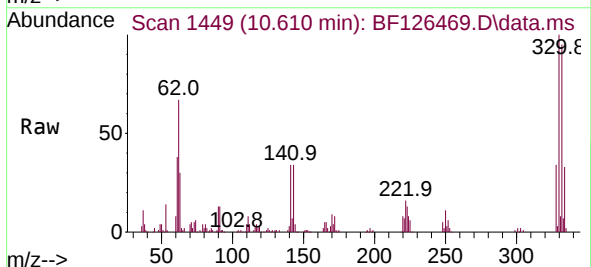
Tgt Ion:248 Resp: 12573

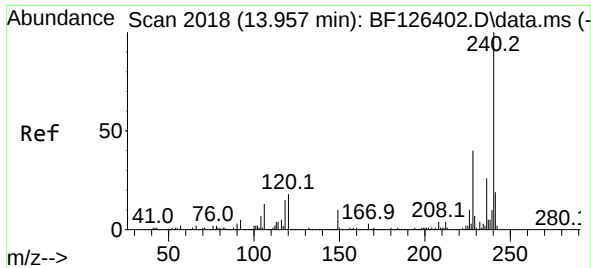
Ion Ratio Lower Upper

248 100

250 204.5 76.2 114.4#

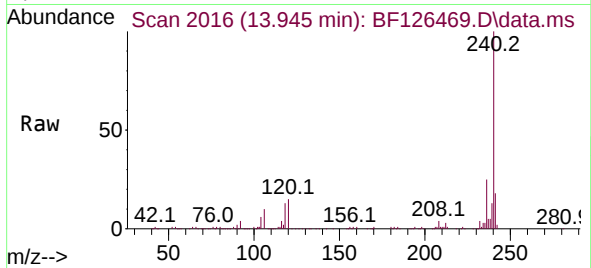
141 645.7 66.2 99.4#



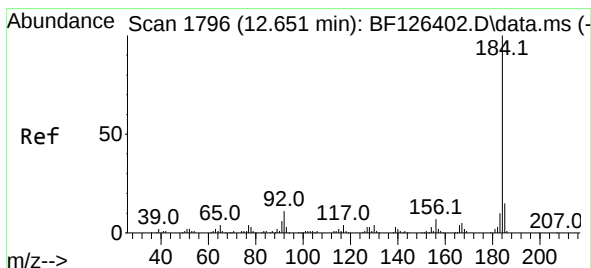
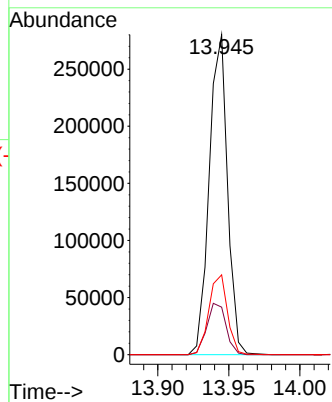
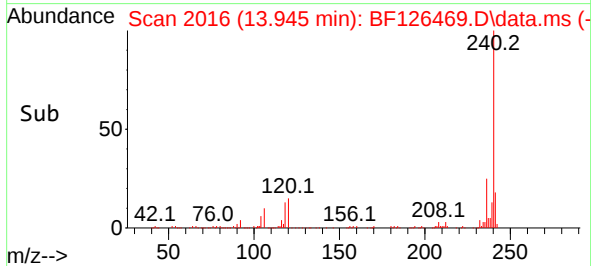


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41

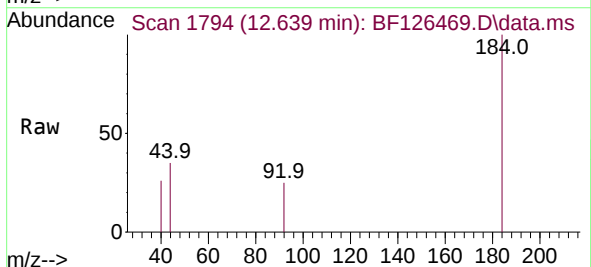
Instrument :
BNA_F
ClientSampleId :



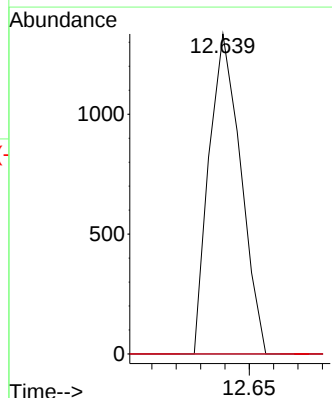
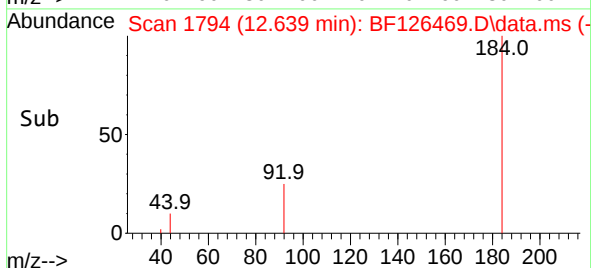
Tgt Ion:240 Resp: 250948
Ion Ratio Lower Upper
240 100
120 14.8 14.4 21.6
236 24.9 20.5 30.7

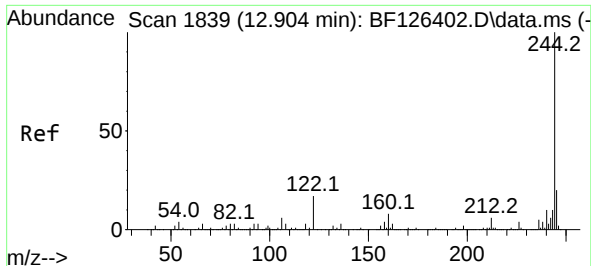


#77
Benzidine
Concen: Below Cal
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF126469.D
Acq: 4 Jan 2022 15:41



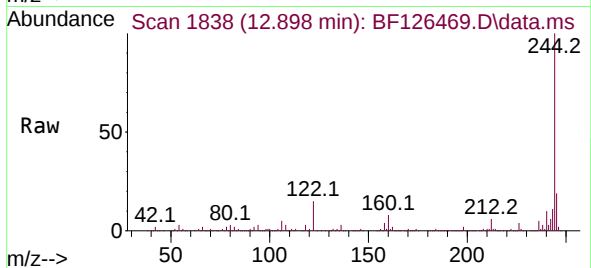
Tgt Ion:184 Resp: 1208
Ion Ratio Lower Upper
184 100
185 0.0 11.8 17.8#
183 0.0 8.2 12.2#



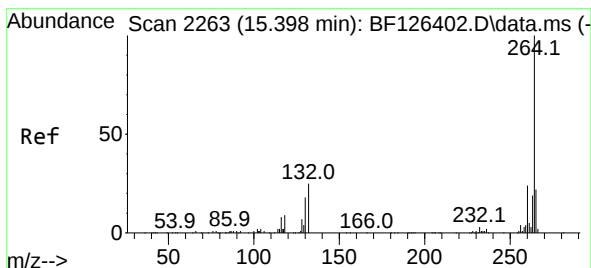
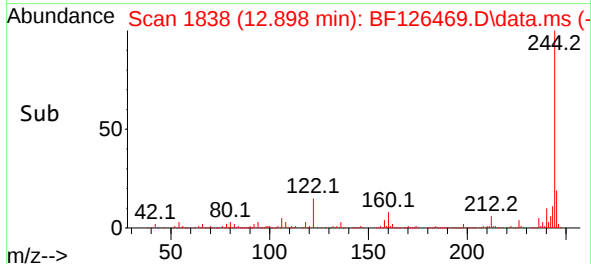
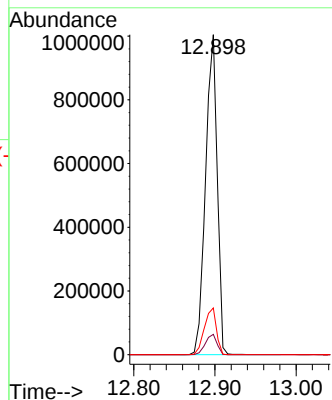


#79
 Terphenyl-d14
 Concen: 77.262 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF126469.D
 Acq: 4 Jan 2022 15:41

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 997908
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 14.6 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126469.D
 Acq: 4 Jan 2022 15:41

Tgt Ion:264 Resp: 213583
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.2 17.4 26.2

