

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126488.D
 Acq On : 5 Jan 2022 1:46
 Operator : JU/CG
 Sample : M5330-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 03:11:36 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)

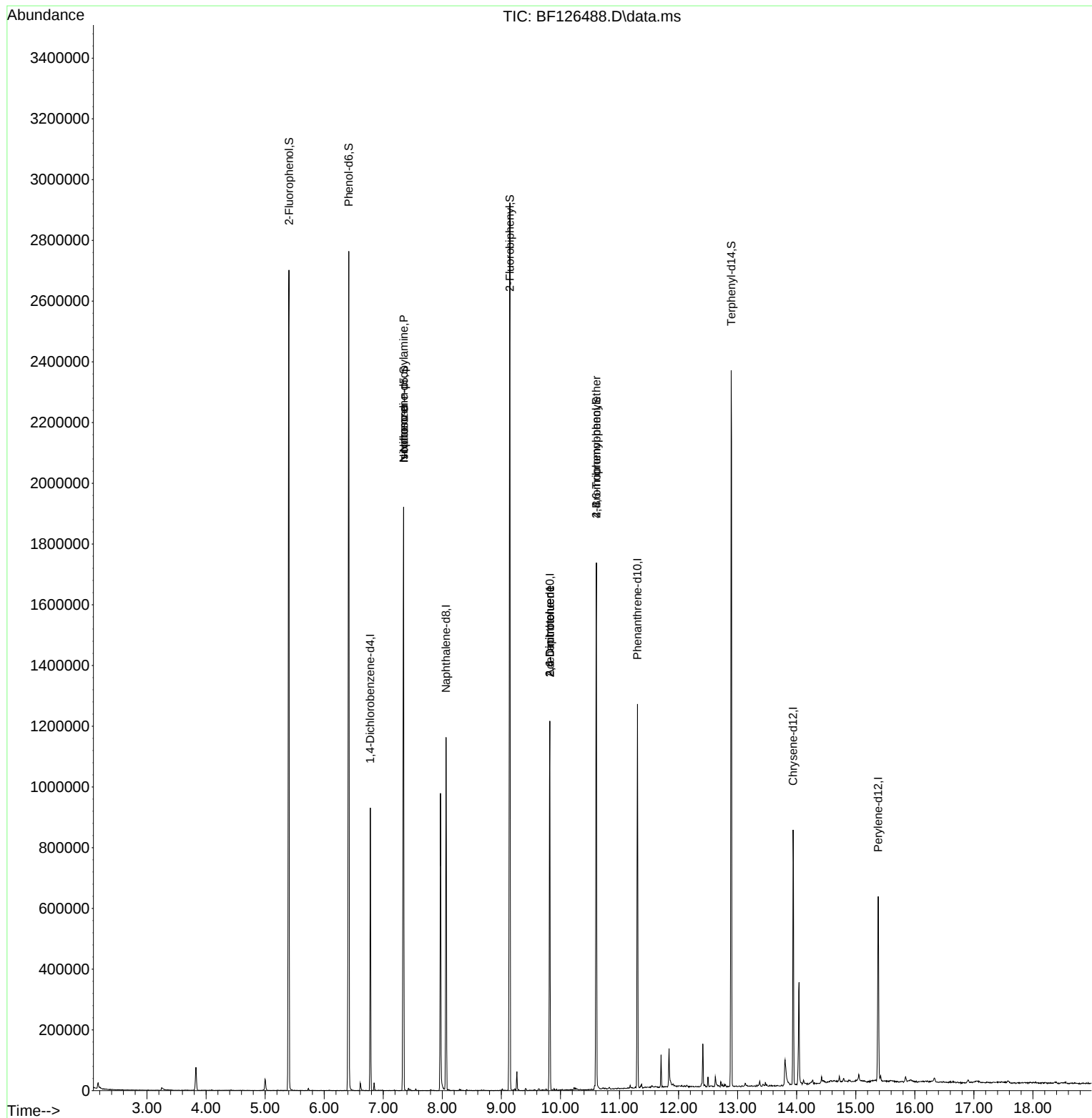
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	125636	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	533883	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	248467	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	400109	20.000	ng	0.00
76) Chrysene-d12	13.939	240	276120	20.000	ng	-0.01
86) Perylene-d12	15.380	264	237015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	834415	95.376	ng	0.01
7) Phenol-d6	6.416	99	1059251	93.480	ng	0.00
23) Nitrobenzene-d5	7.345	82	676835	65.095	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	214511	111.724	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	964008	68.274	ng	0.00
79) Terphenyl-d14	12.892	244	831006	58.474	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.345	70	84531	13.073	ng	# 81
25) Isophorone	7.345	82	676602	36.350	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	32164	9.602	ng	# 21
57) 2,4-Dinitrotoluene	9.822	165	32164	7.442	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	11250	3.168	ng	# 1
77) Benzidine	12.892	184	10378	Below Cal		# 94

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

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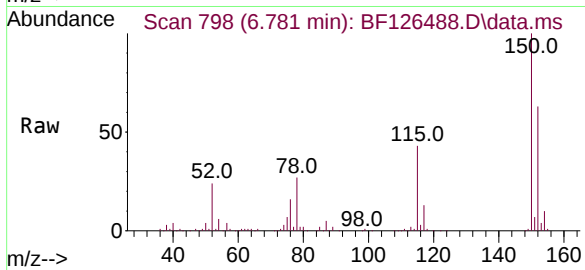
Quant Time: Jan 05 03:11:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration



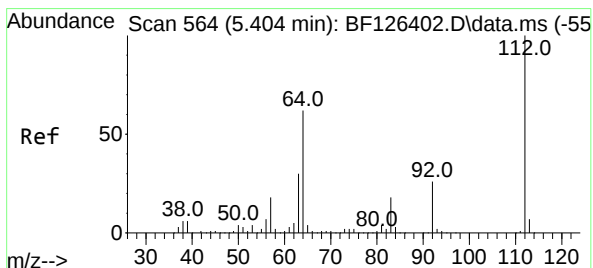
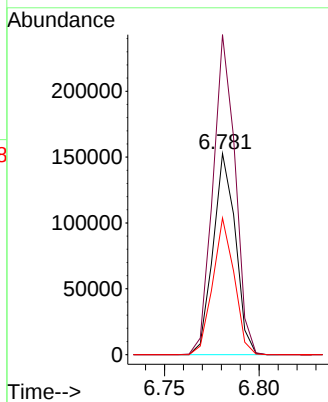
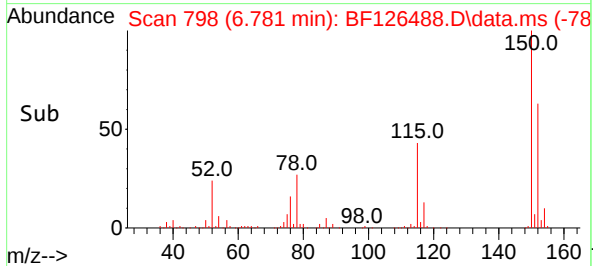


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF126488.D
 Acq: 5 Jan 2022 1:46

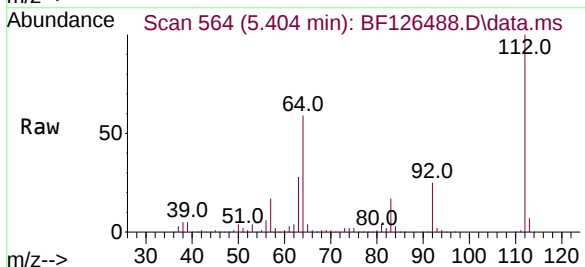
Instrument :
 BNA_F
 ClientSampleId :



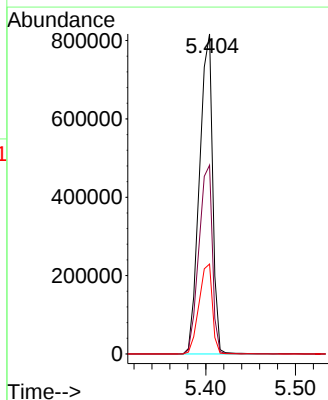
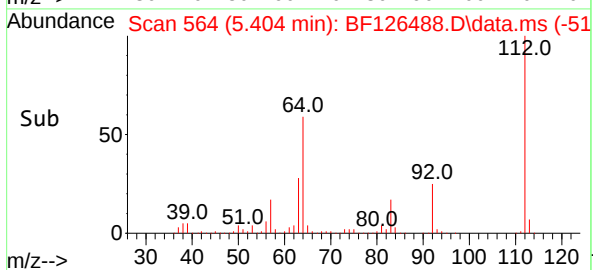
Tgt Ion:152 Resp: 125636
 Ion Ratio Lower Upper
 152 100
 150 159.1 128.1 192.1
 115 68.0 56.7 85.1

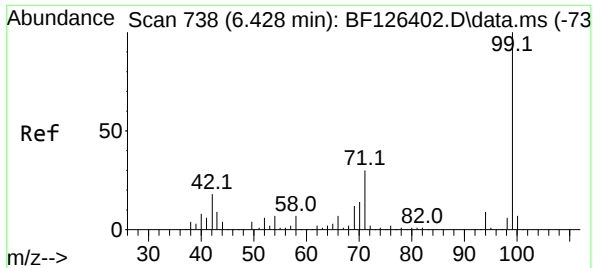


#5
 2-Fluorophenol
 Concen: 95.376 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: BF126488.D
 Acq: 5 Jan 2022 1:46



Tgt Ion:112 Resp: 834415
 Ion Ratio Lower Upper
 112 100
 64 59.0 49.5 74.3
 63 28.1 23.9 35.9

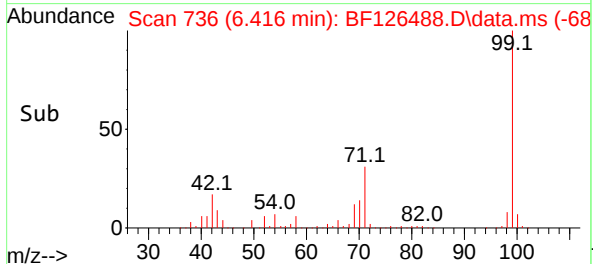
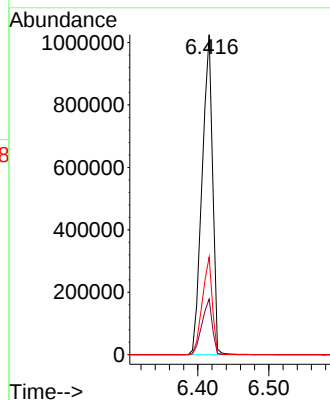
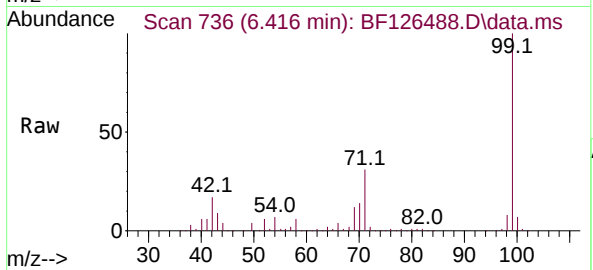




#7
Phenol-d6
Concen: 93.480 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126488.D
Acq: 5 Jan 2022 1:46

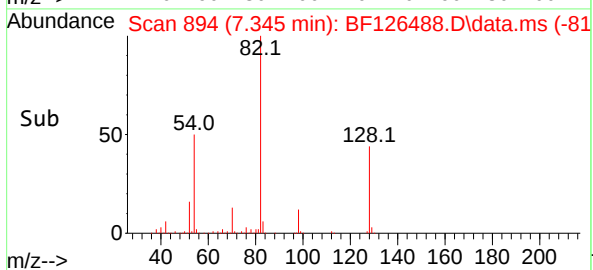
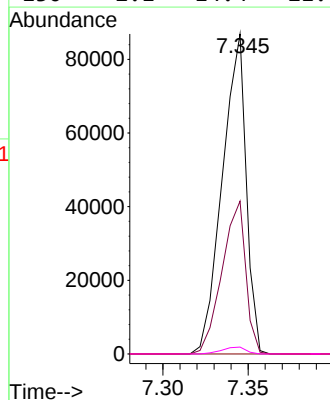
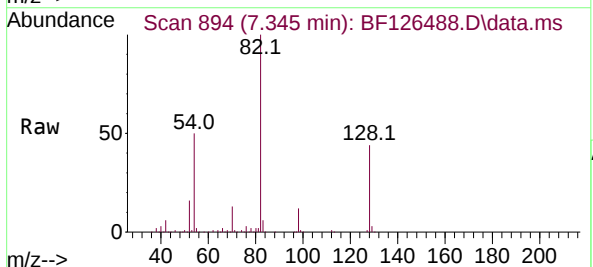
Instrument :
BNA_F
ClientSampleId :

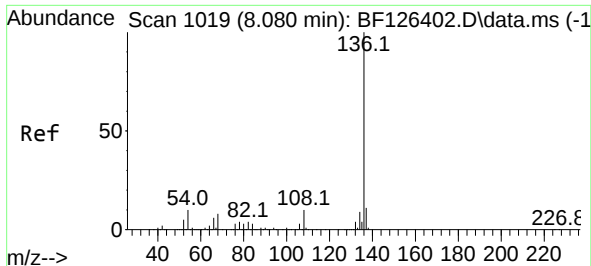
Tgt Ion: 99 Resp: 1059251
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 30.6 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.073 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126488.D
Acq: 5 Jan 2022 1:46

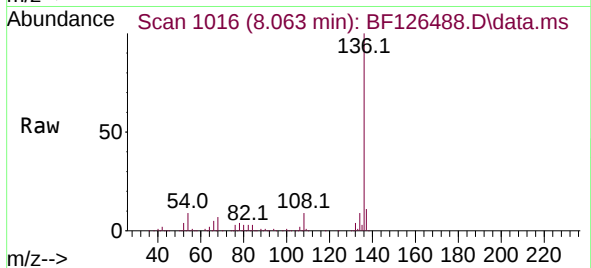
Tgt Ion: 70 Resp: 84531
Ion Ratio Lower Upper
70 100
42 47.8 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#



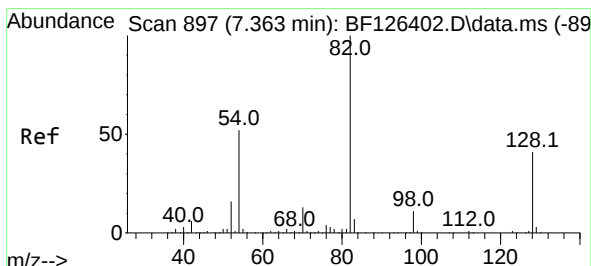
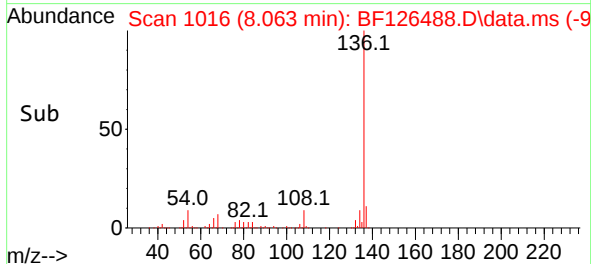
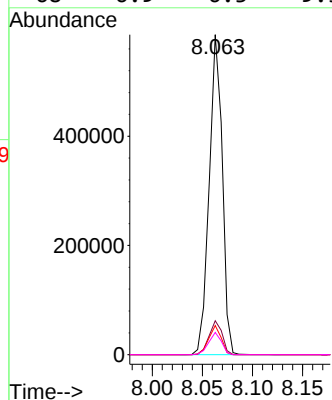


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126488.D
Acq: 5 Jan 2022 1:46

Instrument :
BNA_F
ClientSampleId :

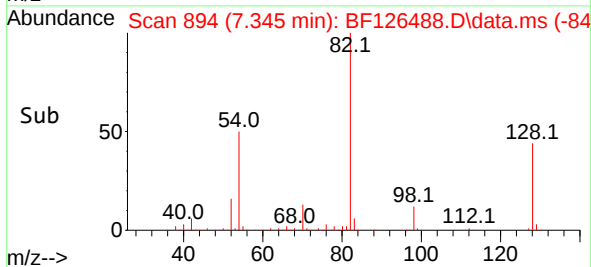
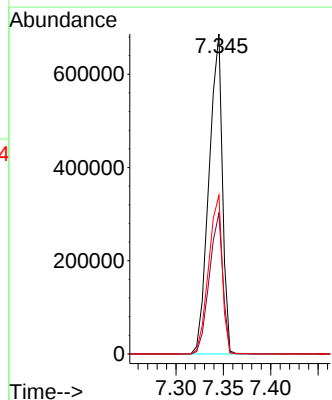
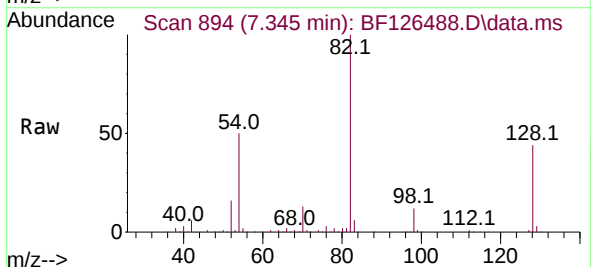


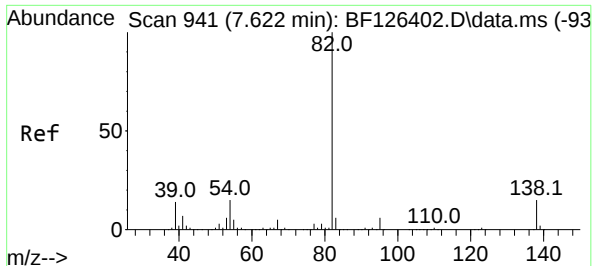
Tgt Ion:136	Resp: 533883
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 9.1	7.8 11.6
68 6.9	6.3 9.5



#23
Nitrobenzene-d5
Concen: 65.095 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126488.D
Acq: 5 Jan 2022 1:46

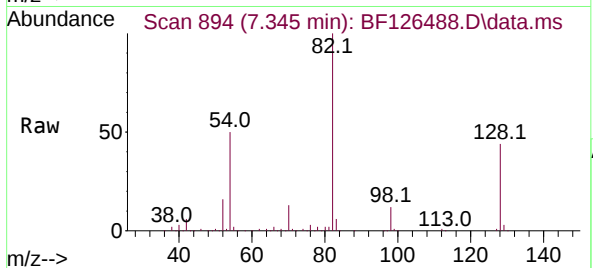
Tgt Ion: 82	Resp: 676835
Ion Ratio	Lower Upper
82 100	
128 43.9	32.7 49.1
54 49.6	41.7 62.5



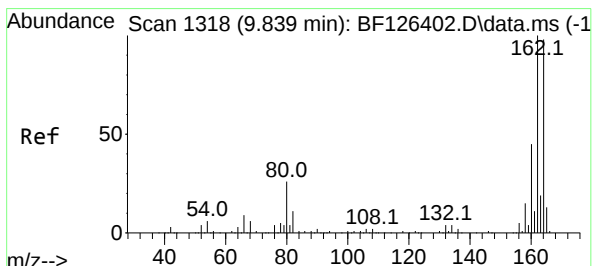
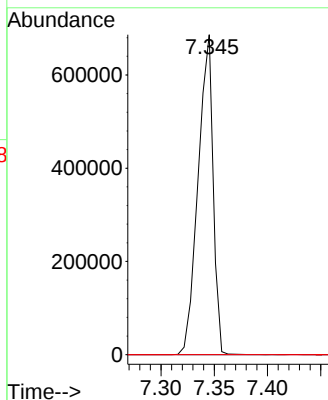
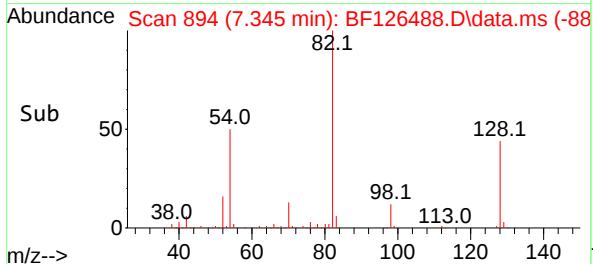


#25
Isophorone
Concen: 36.350 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126488.D
Acq: 5 Jan 2022 1:46

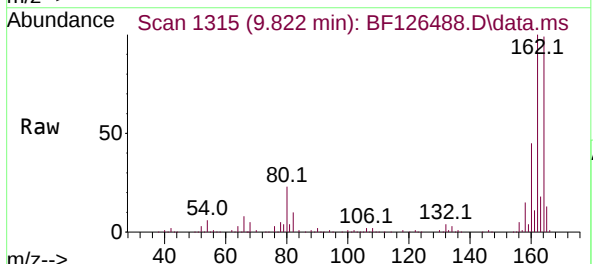
Instrument :
BNA_F
ClientSampleId :



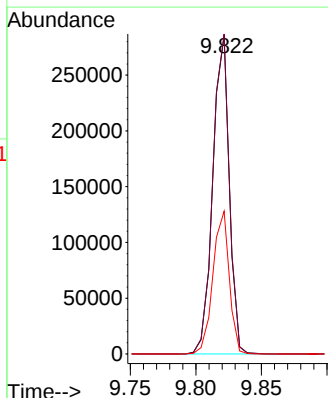
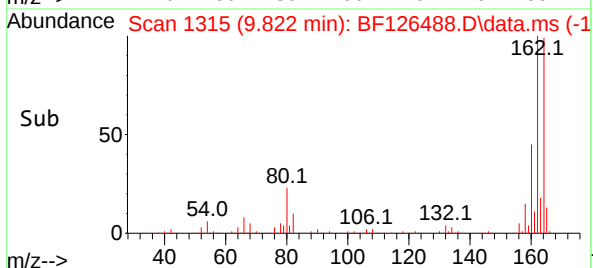
Tgt Ion: 82 Resp: 676602
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126488.D
Acq: 5 Jan 2022 1:46



Tgt Ion: 164 Resp: 248467
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 44.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 111.724 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.006 min

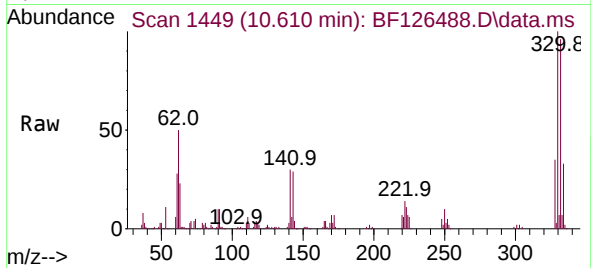
Lab File: BF126488.D

Acq: 5 Jan 2022 1:46

Instrument :

BNA_F

ClientSampleId :



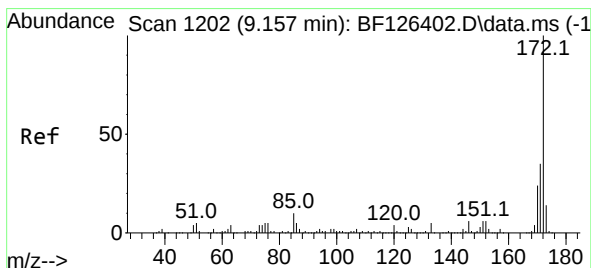
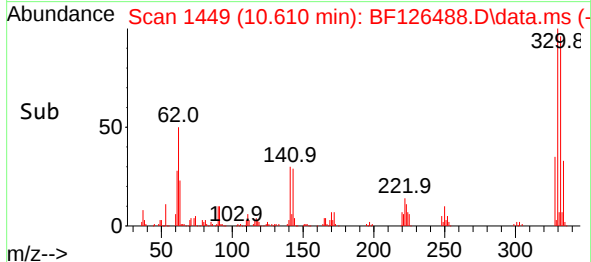
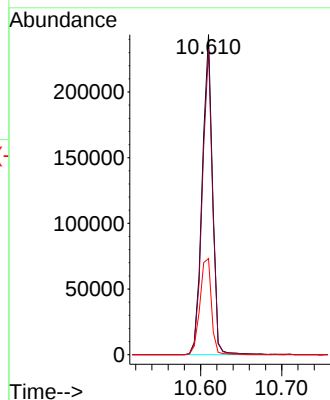
Tgt Ion:330 Resp: 214511

Ion Ratio Lower Upper

330 100

332 94.8 76.0 114.0

141 33.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 68.274 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126488.D

Acq: 5 Jan 2022 1:46

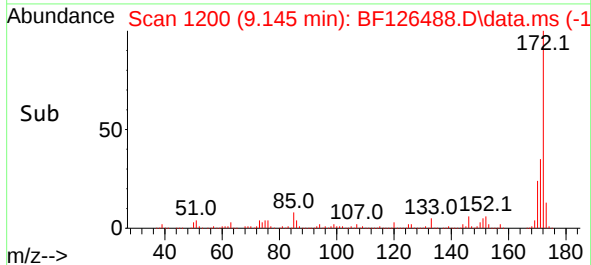
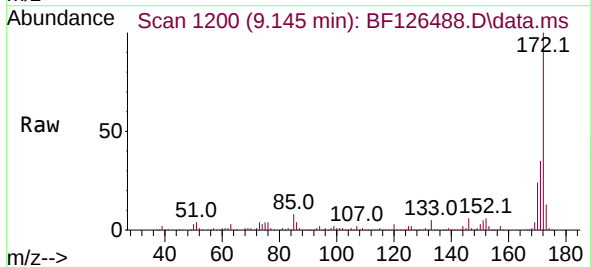
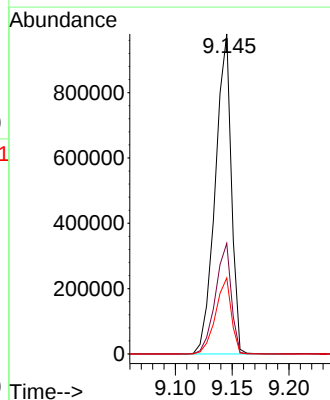
Tgt Ion:172 Resp: 964008

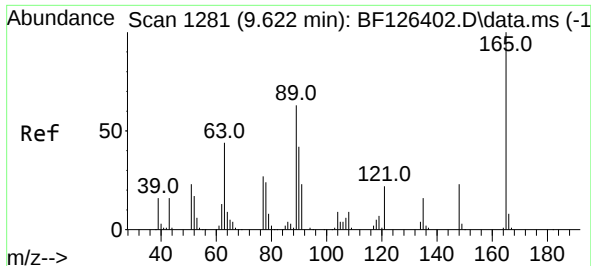
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.7 19.0 28.6

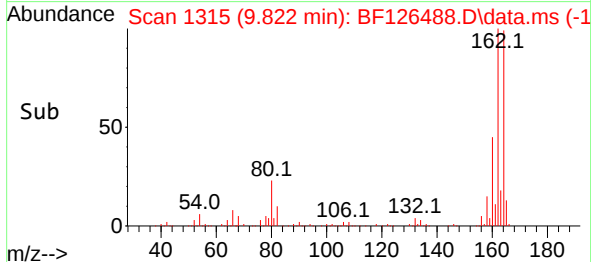
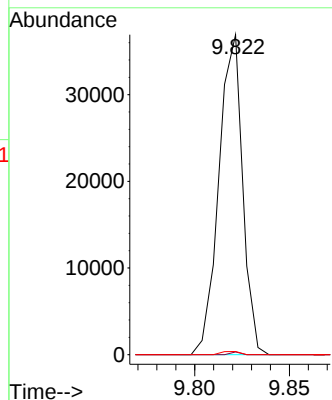
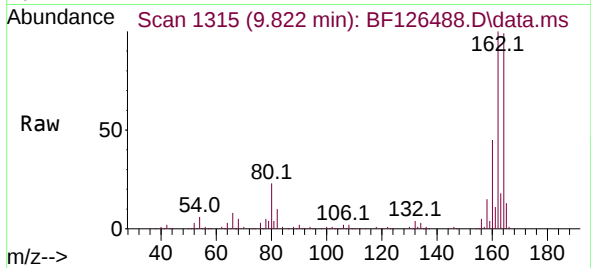




#51
2,6-Dinitrotoluene
Concen: 9.602 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.212 min
Lab File: BF126488.D
Acq: 5 Jan 2022 1:46

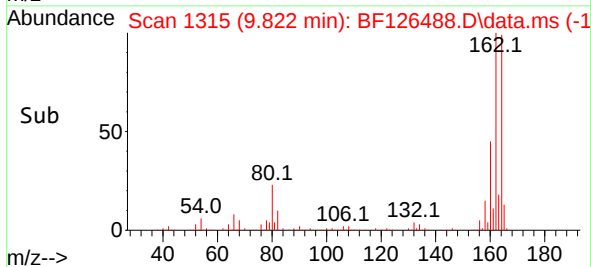
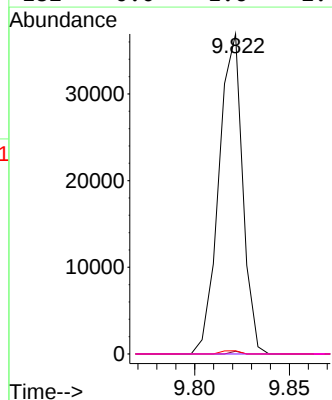
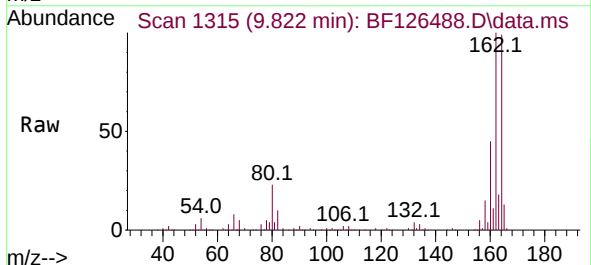
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32164
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.442 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126488.D
Acq: 5 Jan 2022 1:46

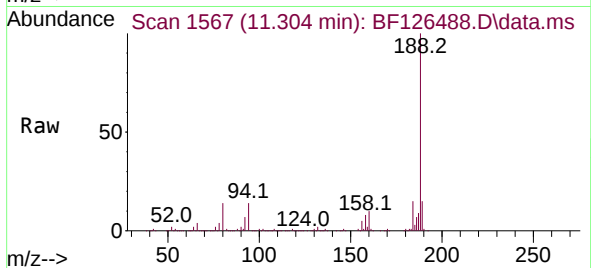
Tgt Ion:165 Resp: 32164
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.0 71.0 106.4#
182 0.0 1.6 2.4#



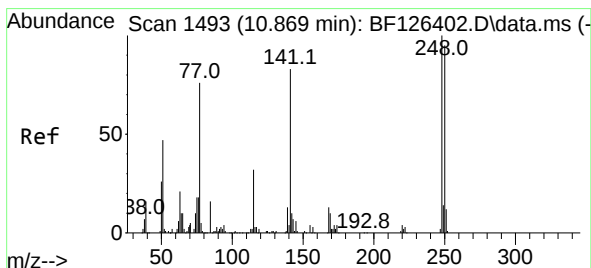
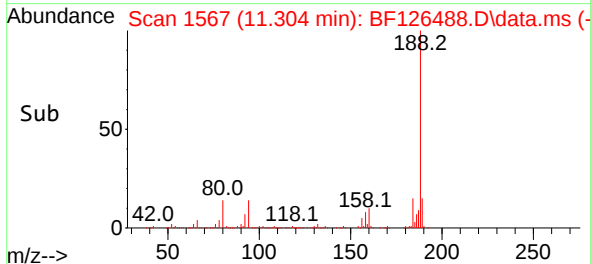
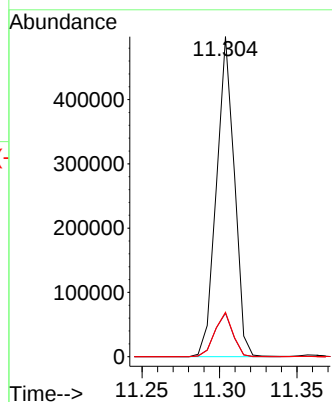


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126488.D
Acq: 5 Jan 2022 1:46

Instrument :
BNA_F
ClientSampleId :

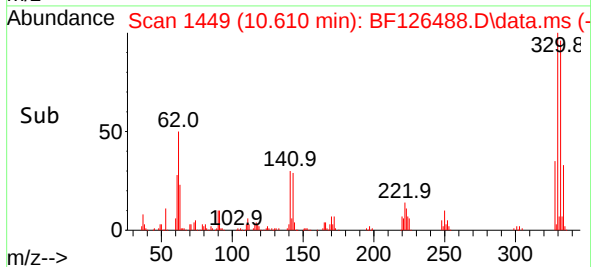
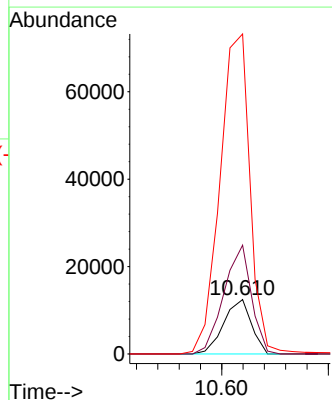
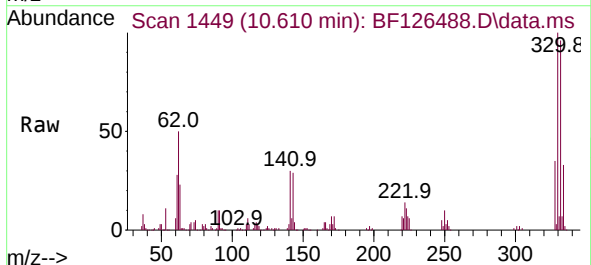


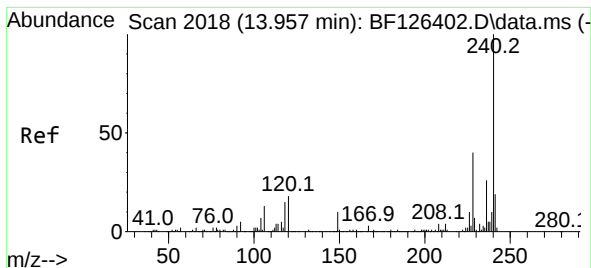
Tgt Ion:188 Resp: 400109
Ion Ratio Lower Upper
188 100
94 13.6 10.1 15.1
80 13.9 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.168 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126488.D
Acq: 5 Jan 2022 1:46

Tgt Ion:248 Resp: 11250
Ion Ratio Lower Upper
248 100
250 200.1 76.2 114.4#
141 588.5 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.012 min

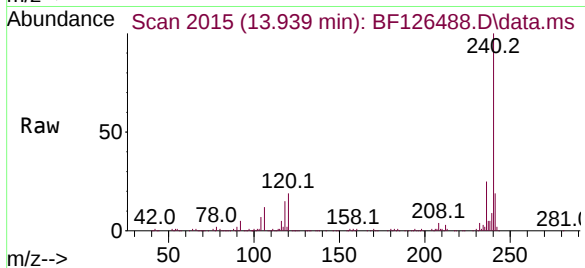
Lab File: BF126488.D

Acq: 5 Jan 2022 1:46

Instrument :

BNA_F

ClientSampleId :



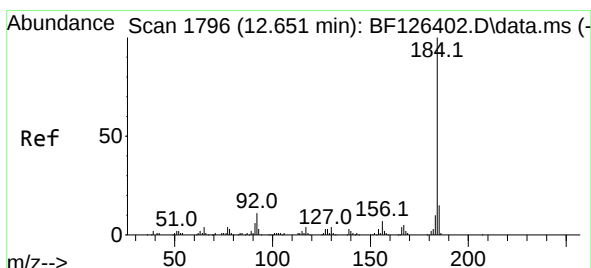
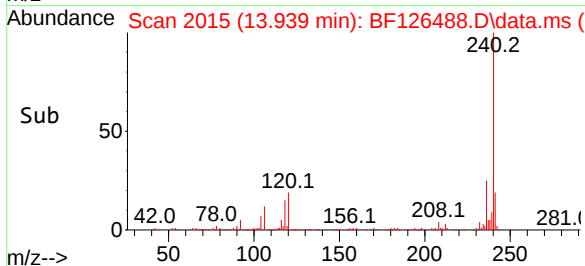
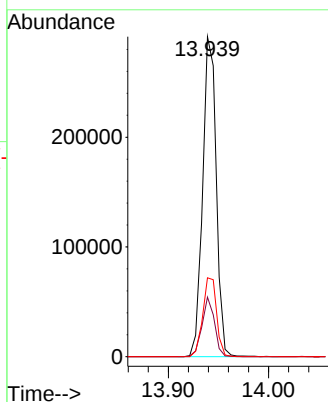
Tgt Ion:240 Resp: 276120

Ion Ratio Lower Upper

240 100

120 18.6 14.4 21.6

236 24.7 20.5 30.7



#77

Benzidine

Concen: Below Cal

RT: 12.892 min Scan# 1837

Delta R.T. 0.253 min

Lab File: BF126488.D

Acq: 5 Jan 2022 1:46

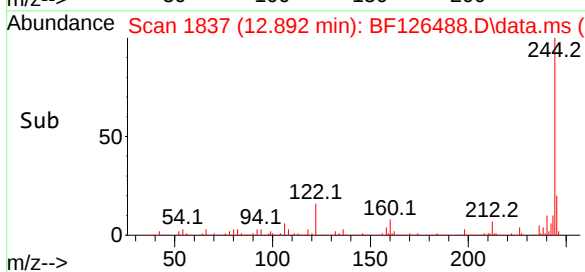
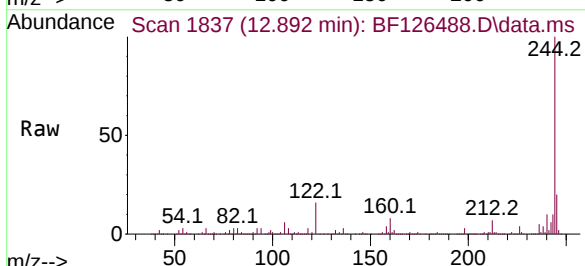
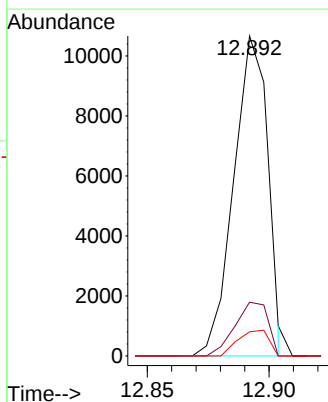
Tgt Ion:184 Resp: 10378

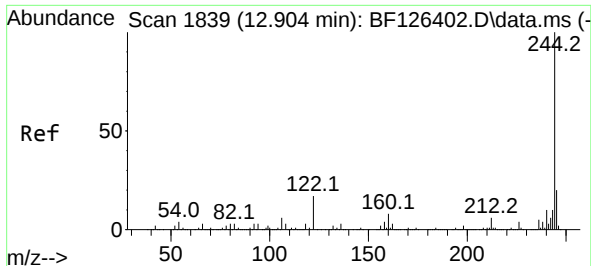
Ion Ratio Lower Upper

184 100

185 16.8 11.8 17.8

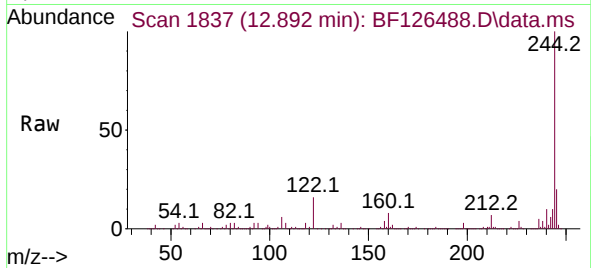
183 7.6 8.2 12.2#



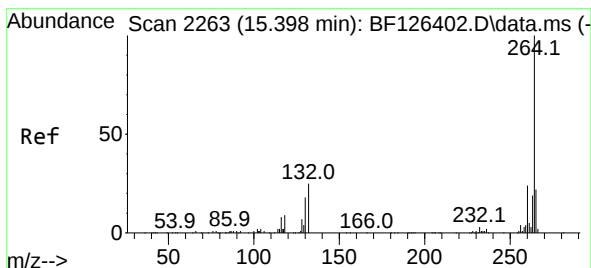
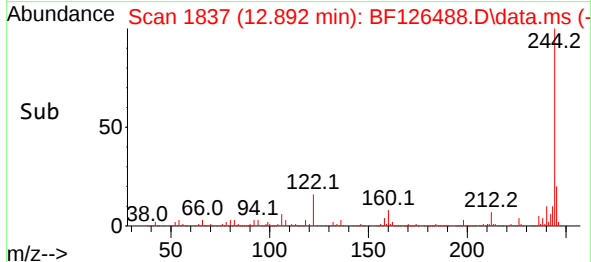
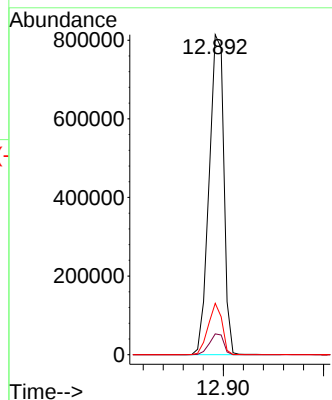


#79
 Terphenyl-d14
 Concen: 58.474 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126488.D
 Acq: 5 Jan 2022 1:46

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 831006
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 16.1 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: BF126488.D
 Acq: 5 Jan 2022 1:46

Tgt Ion:264 Resp: 237015
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.4 17.4 26.2

