

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126504.D
 Acq On : 5 Jan 2022 19:13
 Operator : JU/CG
 Sample : M5196-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-1-DEEP

Quant Time: Jan 06 01:11:04 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)

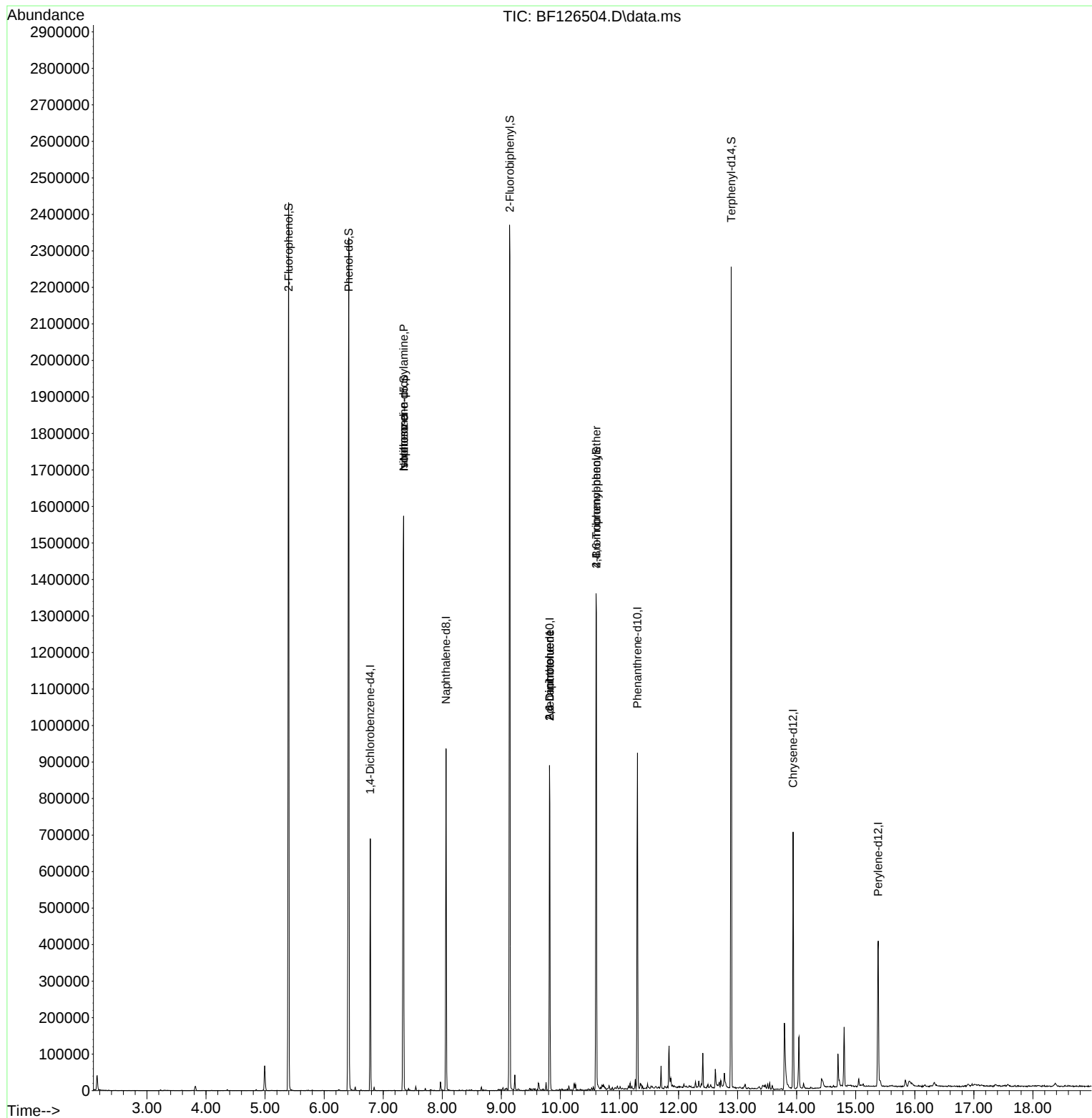
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	93125	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	391221	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	184827	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	301677	20.000	ng	0.00
76) Chrysene-d12	13.939	240	213697	20.000	ng	-0.01
86) Perylene-d12	15.380	264	164762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	694564	107.107	ng	0.00
7) Phenol-d6	6.416	99	873885	104.045	ng	0.00
23) Nitrobenzene-d5	7.345	82	554779	72.812	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	172837	121.014	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	799429	76.113	ng	0.00
79) Terphenyl-d14	12.892	244	754578	68.606	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	68718	14.338	ng	# 78
25) Isophorone	7.345	82	552833	40.531	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	22950	9.210	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	22950	7.139	ng	# 14
67) 4-Bromophenyl-phenylether	10.610	248	9263	3.459	ng	# 1
77) Benzidine	12.892	184	9597	Below Cal		# 94

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

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Quant Time: Jan 06 01:11:04 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

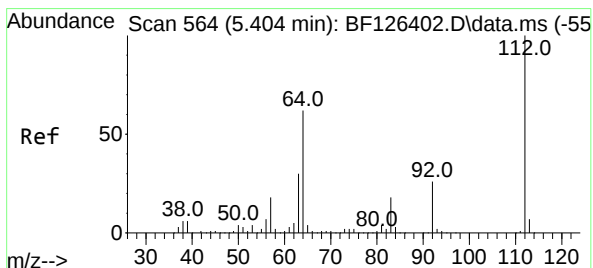
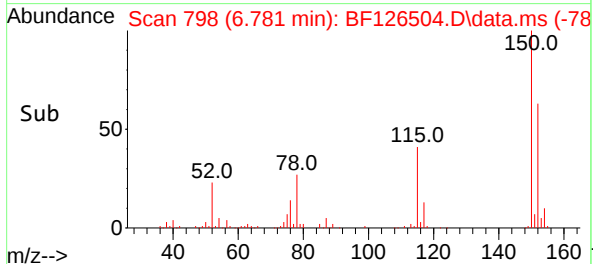
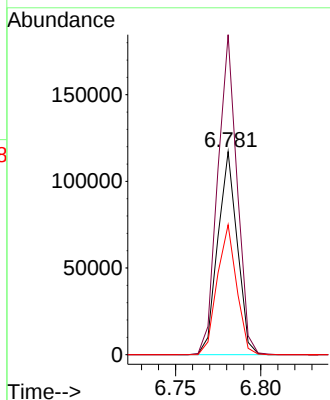
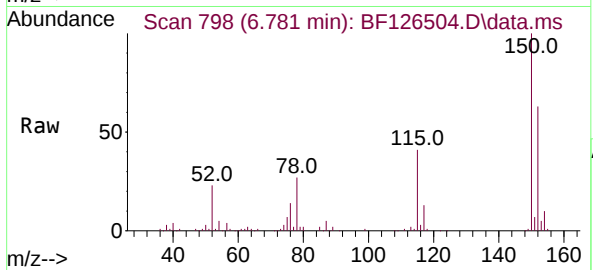




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF126504.D
 Acq: 5 Jan 2022 19:13

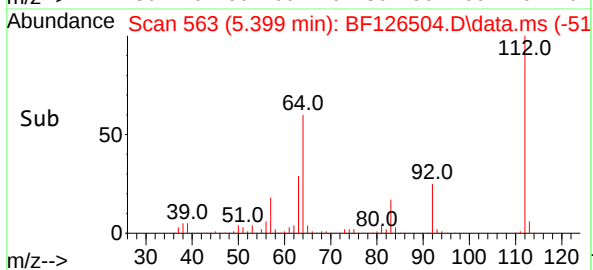
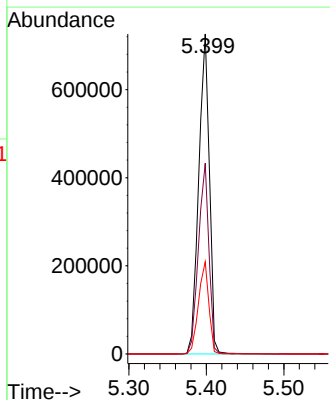
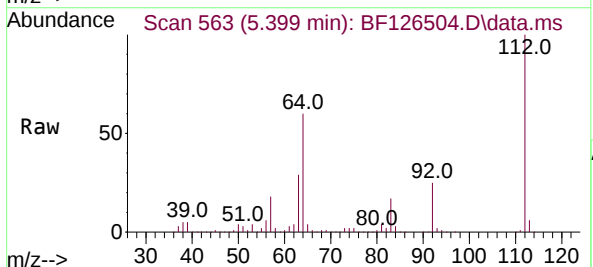
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-1-DEEP

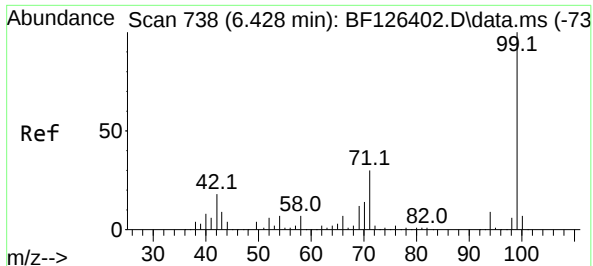
Tgt Ion:152 Resp: 93125
 Ion Ratio Lower Upper
 152 100
 150 157.5 128.1 192.1
 115 64.0 56.7 85.1



#5
 2-Fluorophenol
 Concen: 107.107 ng
 RT: 5.399 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF126504.D
 Acq: 5 Jan 2022 19:13

Tgt Ion:112 Resp: 694564
 Ion Ratio Lower Upper
 112 100
 64 59.6 49.5 74.3
 63 28.8 23.9 35.9

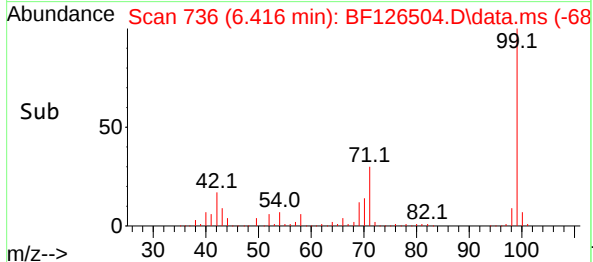
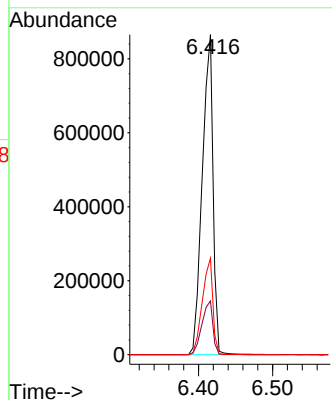
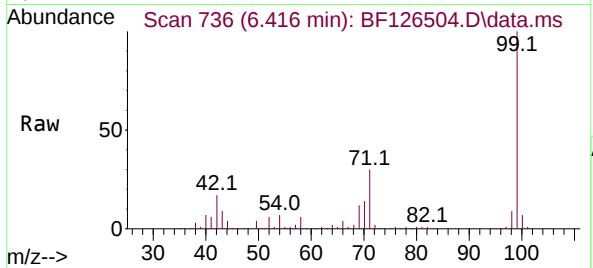




#7
Phenol-d6
Concen: 104.045 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126504.D
Acq: 5 Jan 2022 19:13

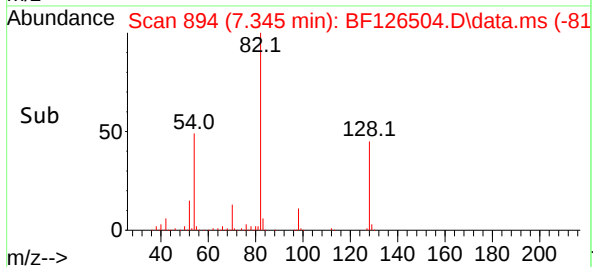
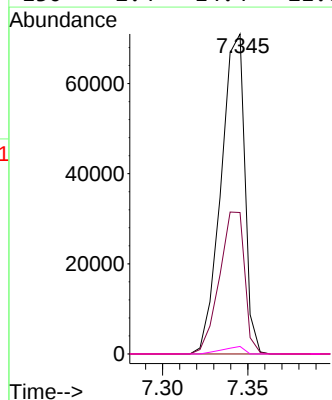
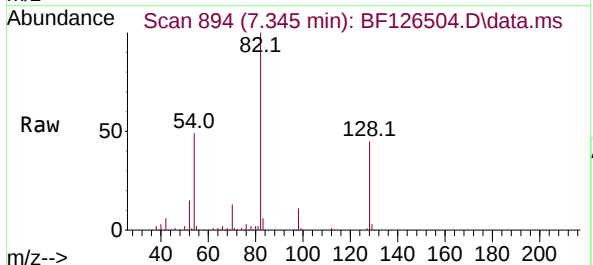
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-1-DEEP

Tgt Ion: 99 Resp: 873885
Ion Ratio Lower Upper
99 100
42 16.8 14.2 21.4
71 30.2 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.338 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126504.D
Acq: 5 Jan 2022 19:13

Tgt Ion: 70 Resp: 68718
Ion Ratio Lower Upper
70 100
42 44.2 45.8 68.8#
101 0.0 6.9 10.3#
130 2.4 14.4 21.6#



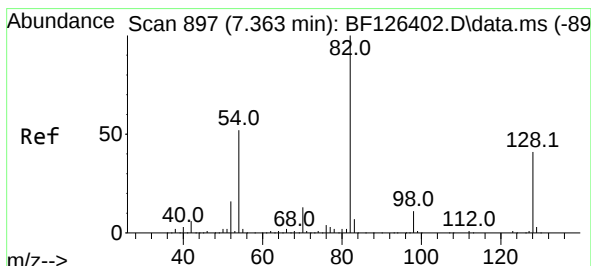
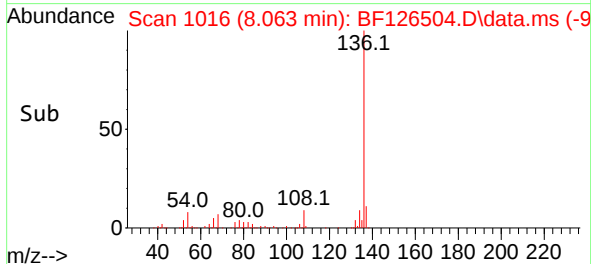
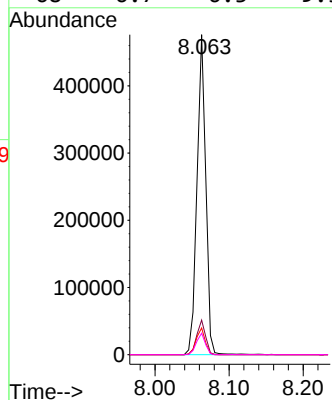
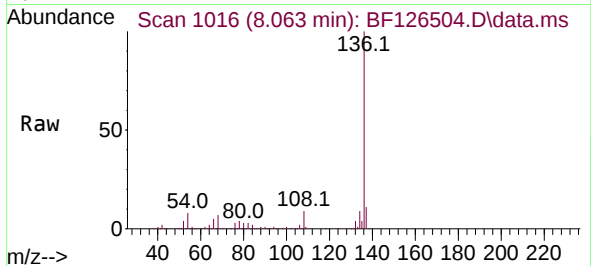


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126504.D
Acq: 5 Jan 2022 19:13

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-1-DEEP

Tgt Ion:136 Resp: 391221

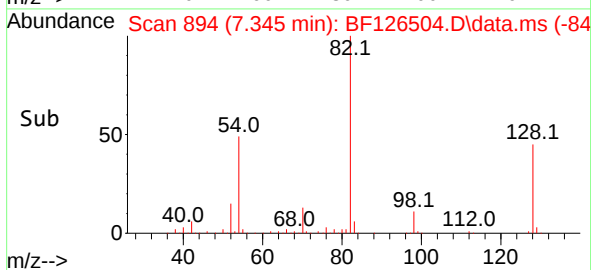
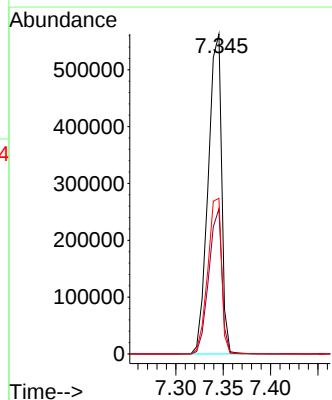
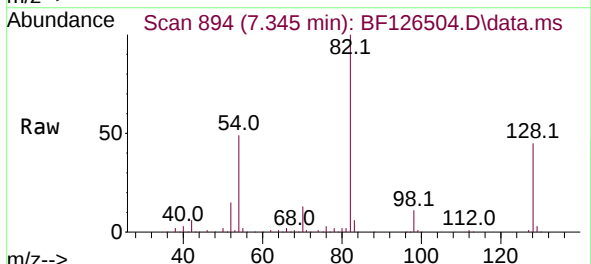
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.4	7.8	11.6
68	6.7	6.3	9.5



#23
Nitrobenzene-d5
Concen: 72.812 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126504.D
Acq: 5 Jan 2022 19:13

Tgt Ion: 82 Resp: 554779

Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.7	49.1
54	48.7	41.7	62.5

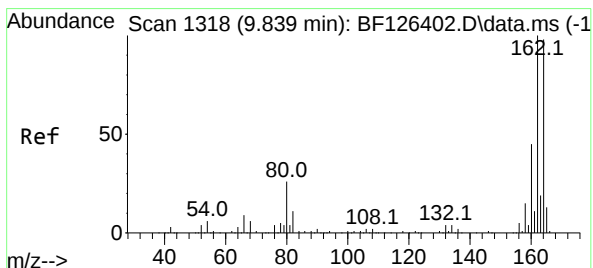
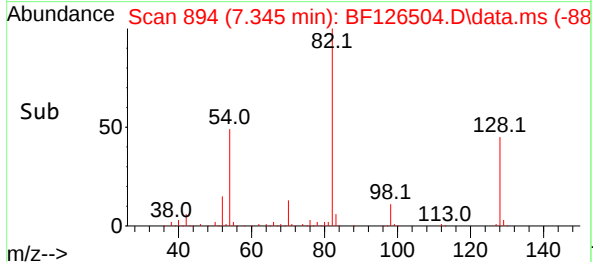
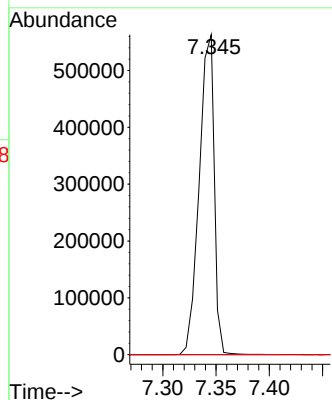
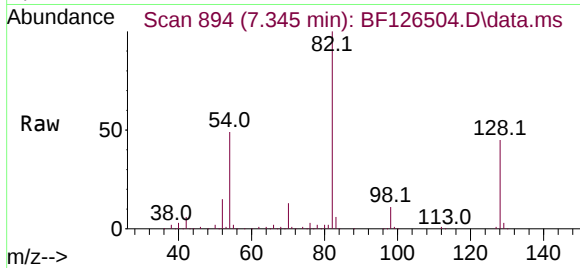




#25
Isophorone
Concen: 40.531 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.264 min
Lab File: BF126504.D
Acq: 5 Jan 2022 19:13

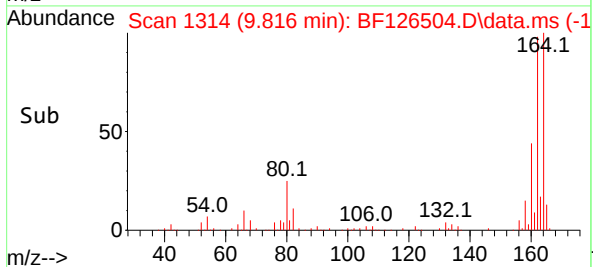
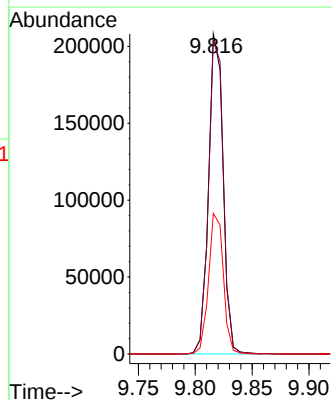
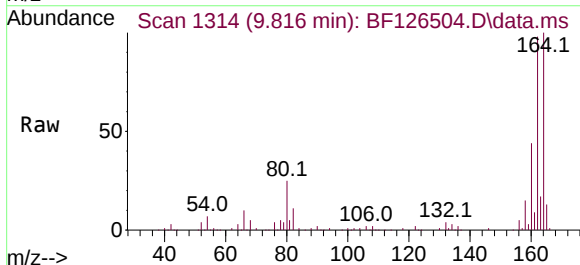
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-1-DEEP

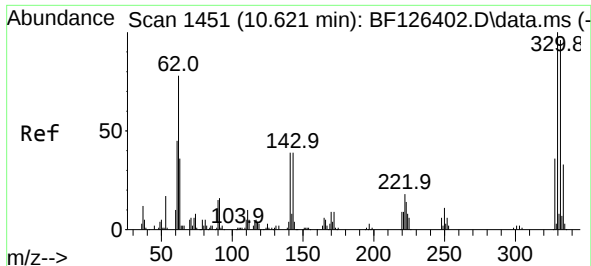
Tgt Ion: 82 Resp: 552833
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126504.D
Acq: 5 Jan 2022 19:13

Tgt Ion:164 Resp: 184827
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 43.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 121.014 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126504.D

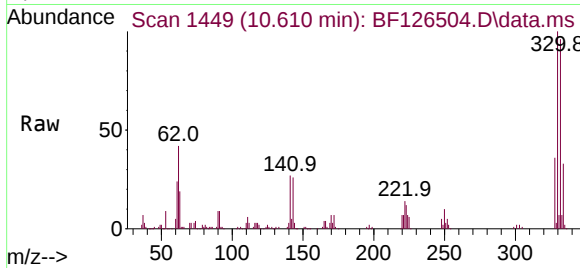
Acq: 5 Jan 2022 19:13

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-SAMPLE-1-DEEP



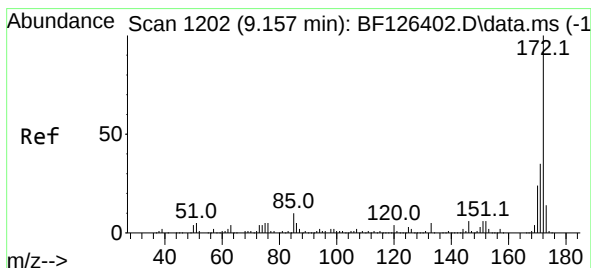
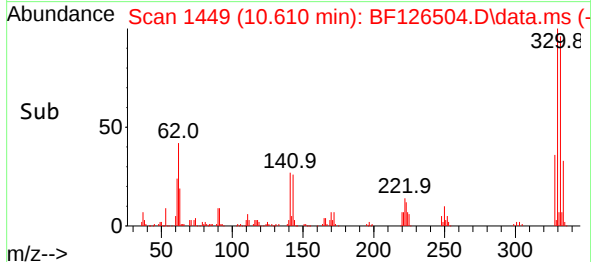
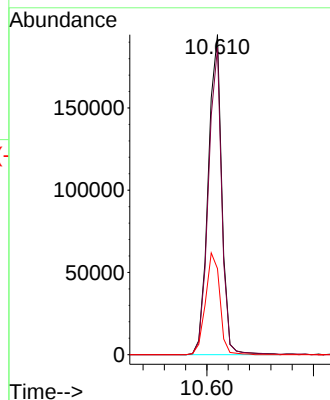
Tgt Ion:330 Resp: 172837

Ion Ratio Lower Upper

330 100

332 94.7 76.0 114.0

141 33.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 76.113 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126504.D

Acq: 5 Jan 2022 19:13

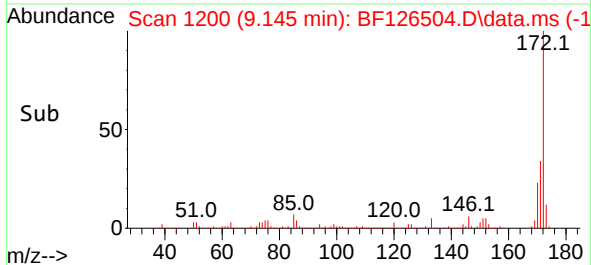
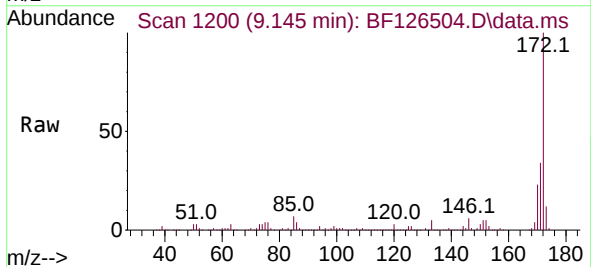
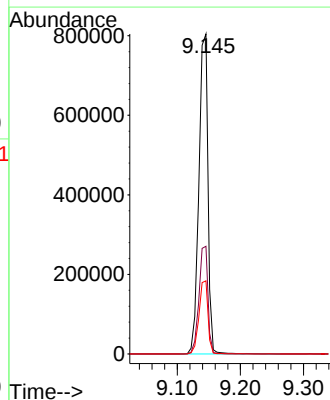
Tgt Ion:172 Resp: 799429

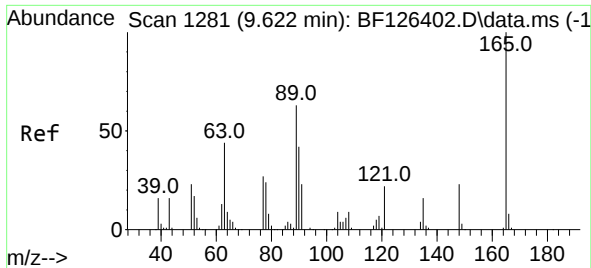
Ion Ratio Lower Upper

172 100

171 33.6 28.3 42.5

170 22.9 19.0 28.6

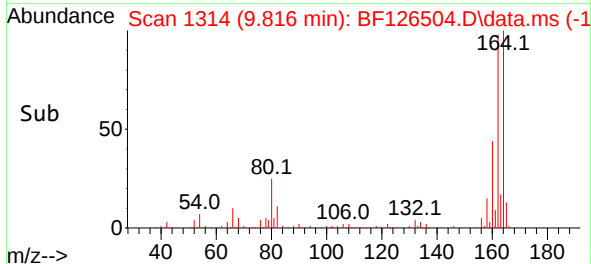
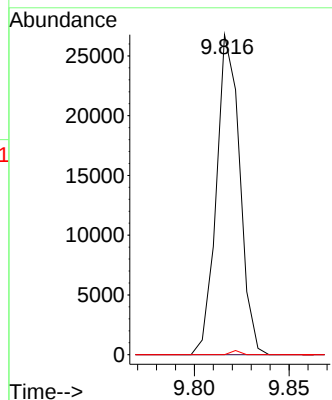
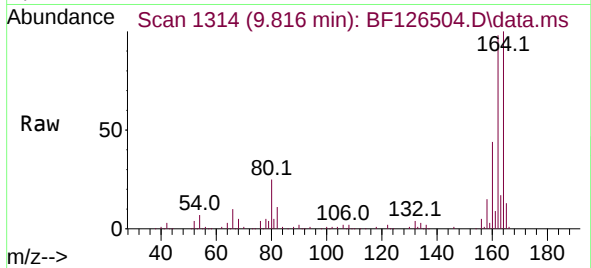




#51
2,6-Dinitrotoluene
Concen: 9.210 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126504.D
Acq: 5 Jan 2022 19:13

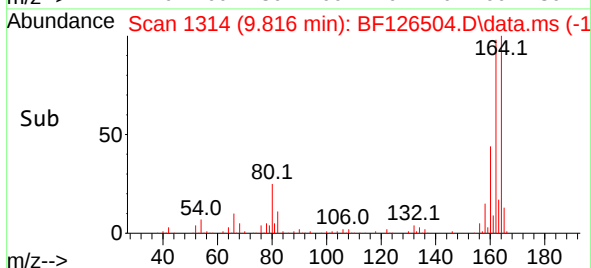
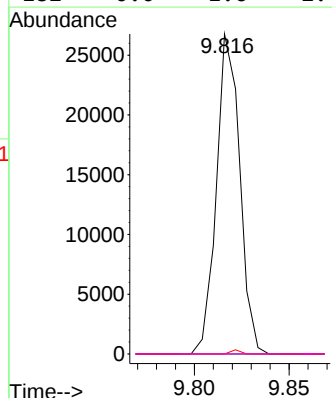
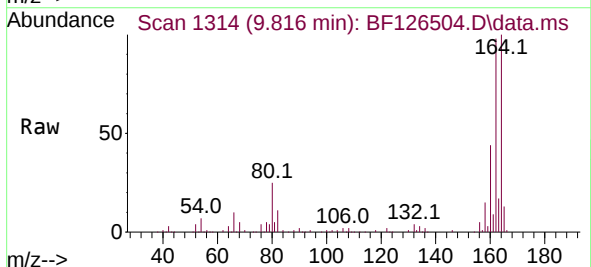
Instrument :
BNA_F
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COMPOSITE-SAMPLE-1-DEEP

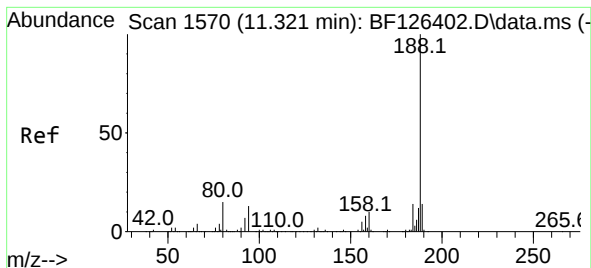
Tgt Ion:165 Resp: 22950
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.139 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126504.D
Acq: 5 Jan 2022 19:13

Tgt Ion:165 Resp: 22950
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 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: BF126504.D

Acq: 5 Jan 2022 19:13

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-SAMPLE-1-DEEP

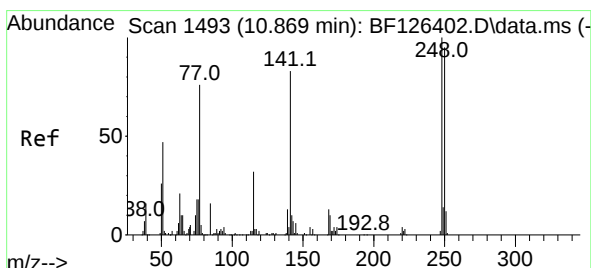
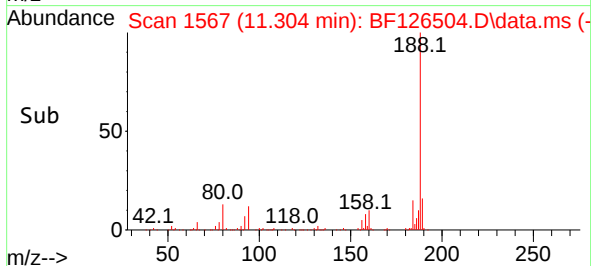
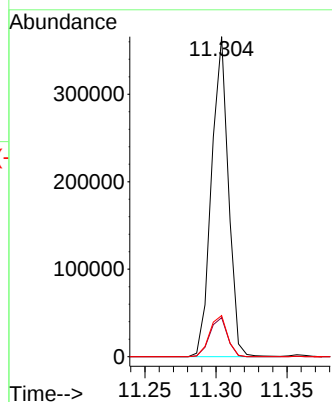
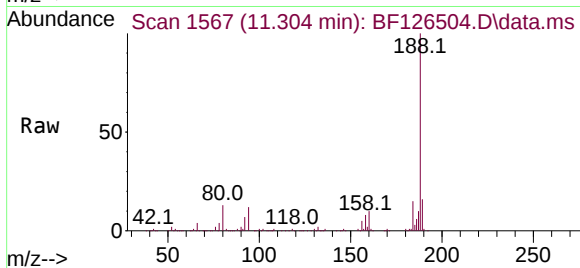
Tgt Ion:188 Resp: 301677

Ion Ratio Lower Upper

188 100

94 12.2 10.1 15.1

80 12.8 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.459 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF126504.D

Acq: 5 Jan 2022 19:13

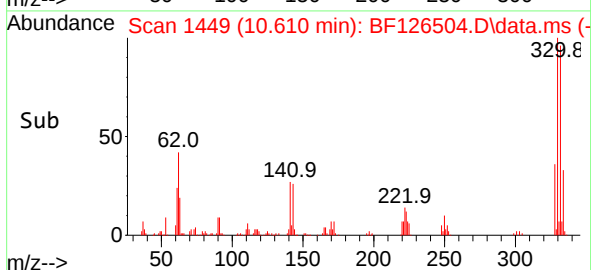
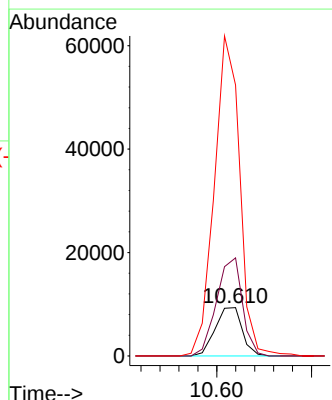
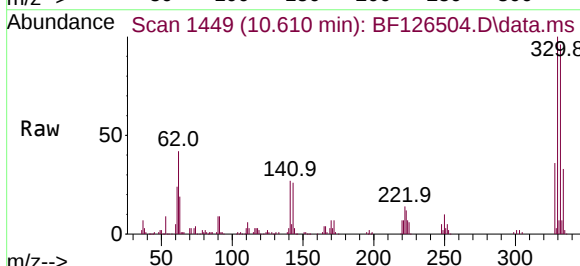
Tgt Ion:248 Resp: 9263

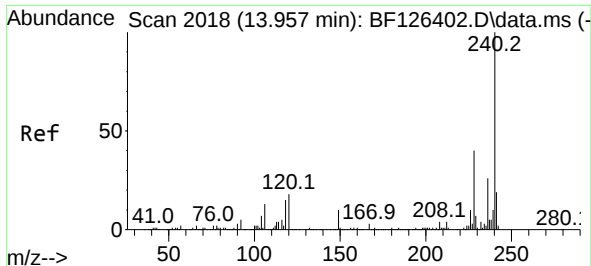
Ion Ratio Lower Upper

248 100

250 203.3 76.2 114.4#

141 561.3 66.2 99.4#

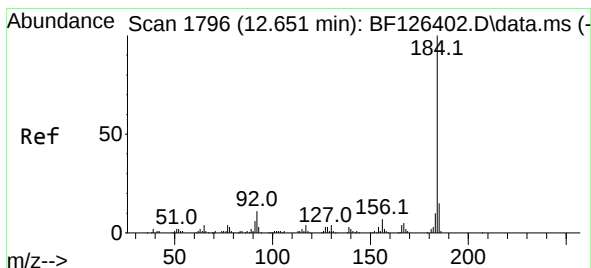
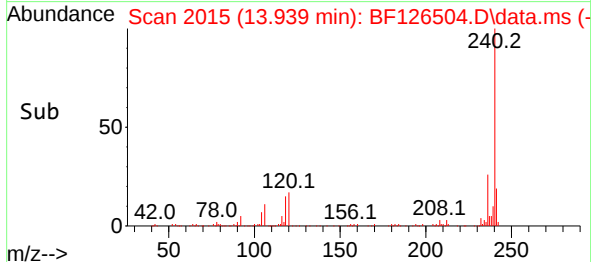
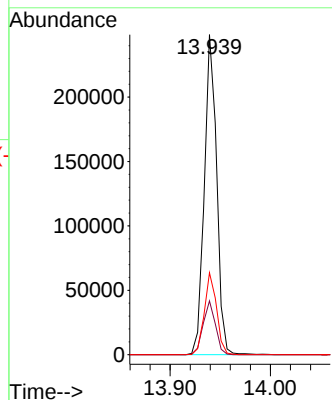
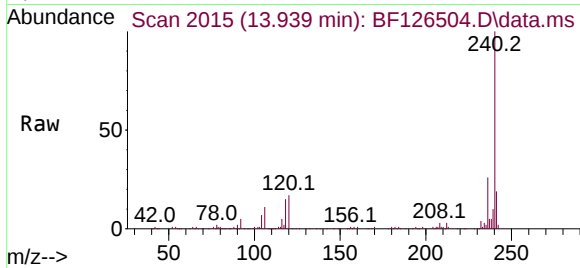




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126504.D
Acq: 5 Jan 2022 19:13

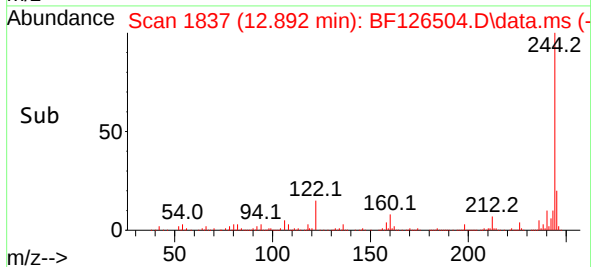
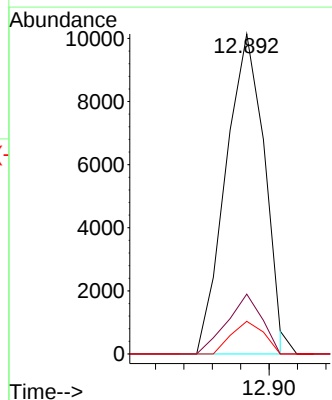
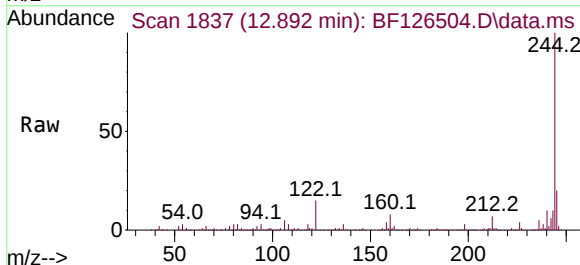
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-1-DEEP

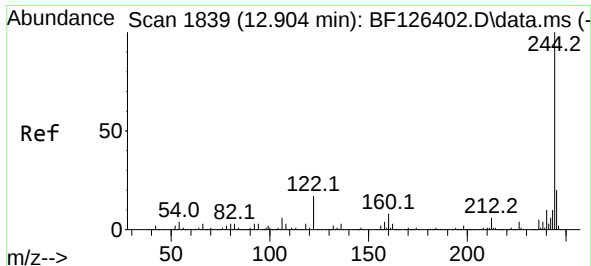
Tgt Ion:240 Resp: 213697
Ion Ratio Lower Upper
240 100
120 16.8 14.4 21.6
236 25.6 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126504.D
Acq: 5 Jan 2022 19:13

Tgt Ion:184 Resp: 9597
Ion Ratio Lower Upper
184 100
185 18.7 11.8 17.8#
183 10.2 8.2 12.2

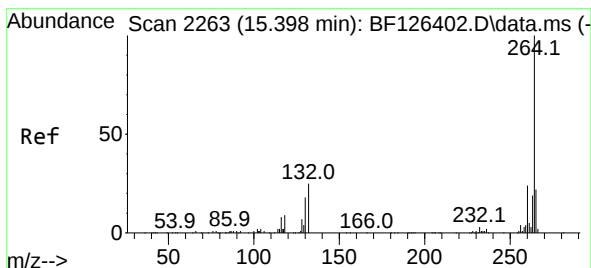
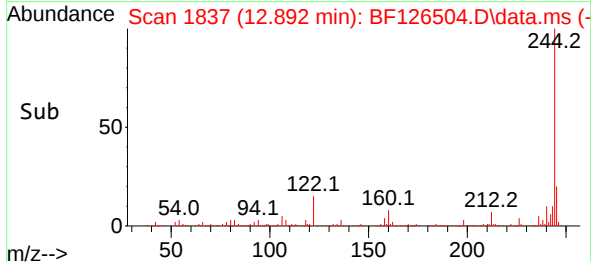
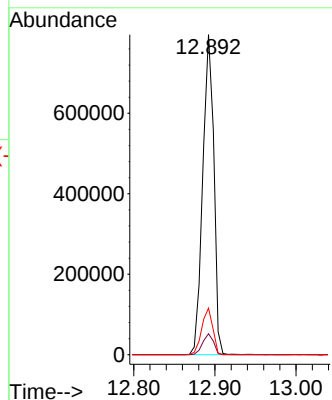
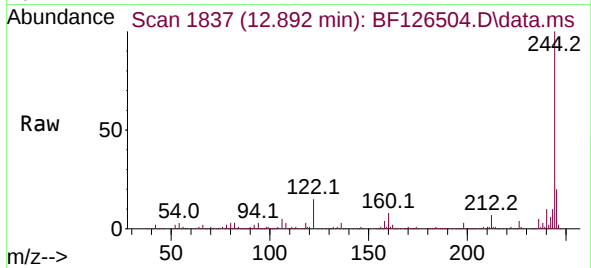




#79
 Terphenyl-d14
 Concen: 68.606 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126504.D
 Acq: 5 Jan 2022 19:13

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-1-DEEP

Tgt Ion:244 Resp: 754578
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 14.5 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: BF126504.D
 Acq: 5 Jan 2022 19:13

Tgt Ion:264 Resp: 164762
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.5 17.4 26.2

