

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126997.D
 Acq On : 22 Feb 2022 02:23
 Operator : CG\JU
 Sample : N1579-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(0-0.5)

Quant Time: Feb 22 03:56:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

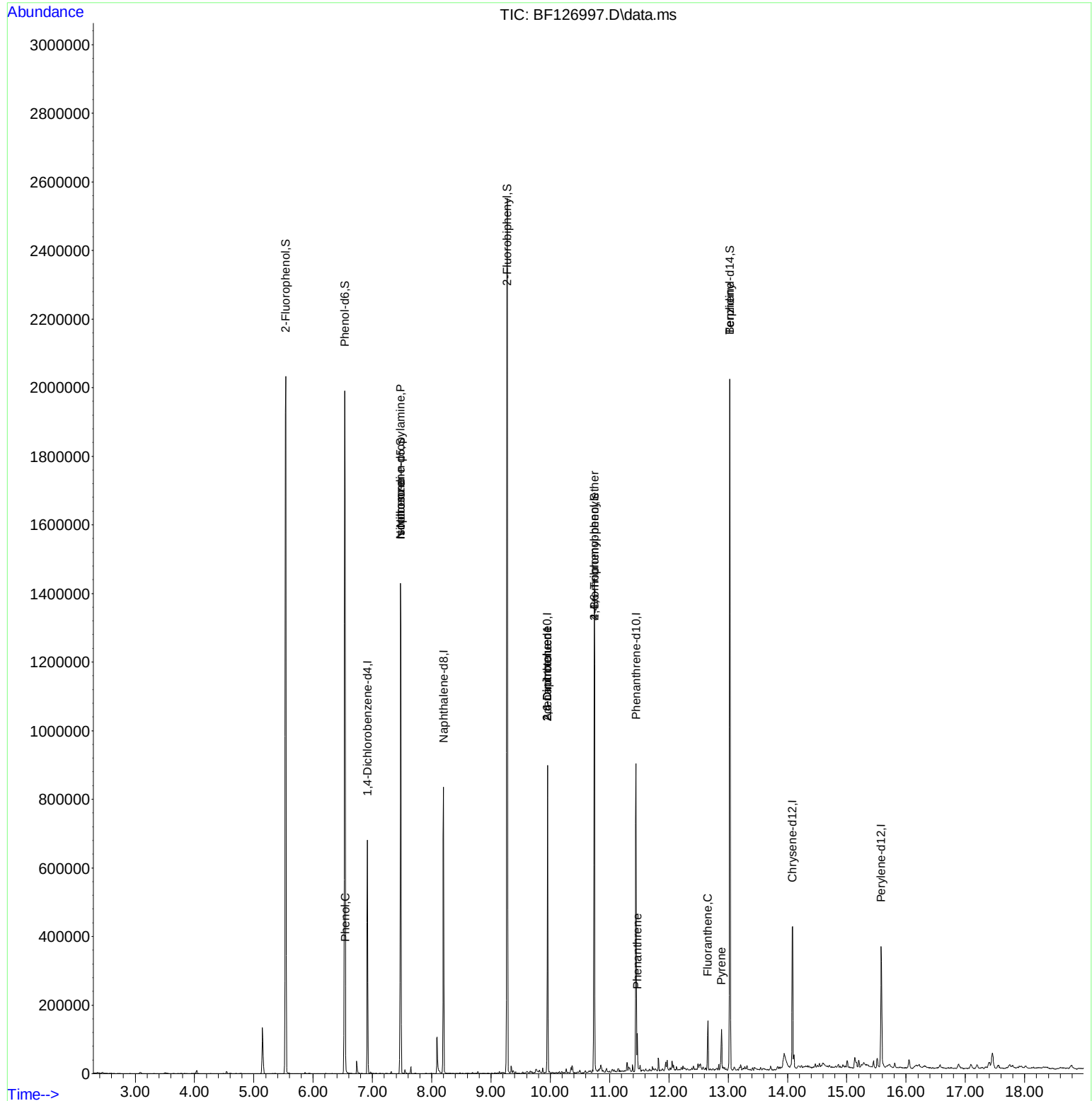
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	82297	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	337059	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	172853	20.000	ng	-0.01
64) Phenanthrene-d10	11.445	188	293201	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	132067	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	151655	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	514227	96.574	ng	0.00
7) Phenol-d6	6.534	99	677240	94.259	ng	-0.01
23) Nitrobenzene-d5	7.475	82	483261	64.716	ng	-0.02
42) 2,4,6-Tribromophenol	10.745	330	154138	77.450	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	742379	63.227	ng	0.00
79) Terphenyl-d14	13.027	244	607114	67.578	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.546	94	19700	2.714	ng	# 71
19) n-Nitroso-di-n-propyla...	7.475	70	66037	14.264	ng	# 80
25) Isophorone	7.475	82	482197	39.023	ng	# 69
51) 2,6-Dinitrotoluene	9.951	165	22447	8.930	ng	# 21
57) 2,4-Dinitrotoluene	9.951	165	22447	6.604	ng	# 15
67) 4-Bromophenyl-phenylether	10.745	248	9084	2.773	ng	# 1
71) Phenanthrene	11.469	178	36792	2.242	ng	99
75) Fluoranthene	12.657	202	46978	3.015	ng	94
77) Benzidine	13.027	184	9249	2.577	ng	# 93
78) Pyrene	12.886	202	42261	3.683	ng	98

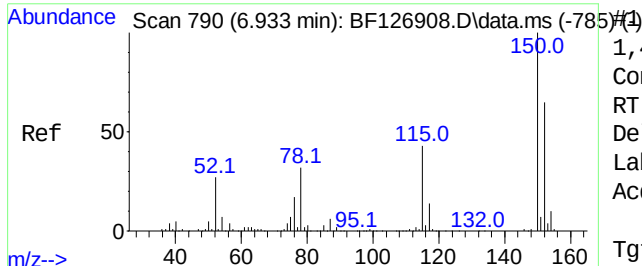
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.916 min Scan#

Delta R.T. -0.006 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

Instrument :

BNA_F

ClientSampleId :

SB-6-(0-0.5)

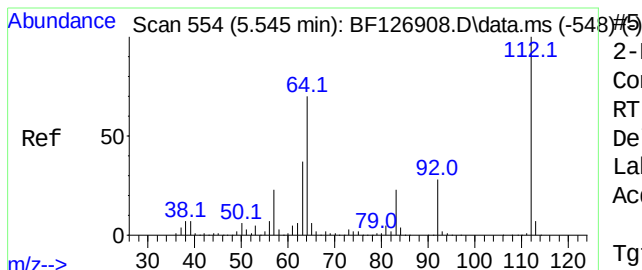
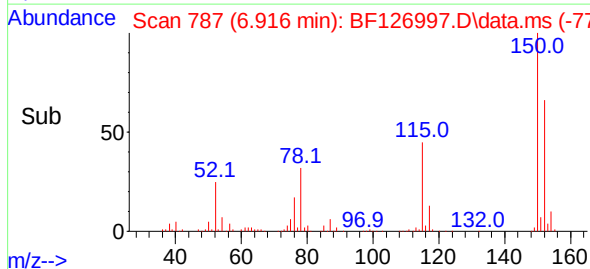
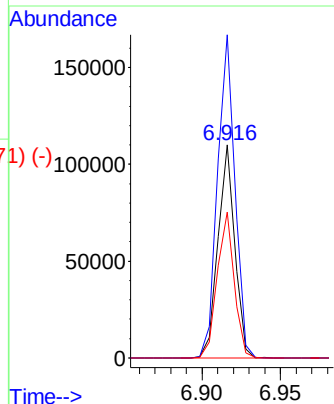
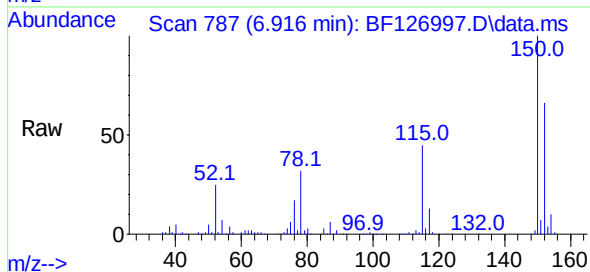
Tgt Ion:152 Resp: 82297

Ion Ratio Lower Upper

152 100

150 151.6 128.1 192.1

115 68.6 56.7 85.1



2-Fluorophenol

Concen: 96.574 ng

RT: 5.540 min Scan# 553

Delta R.T. 0.000 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

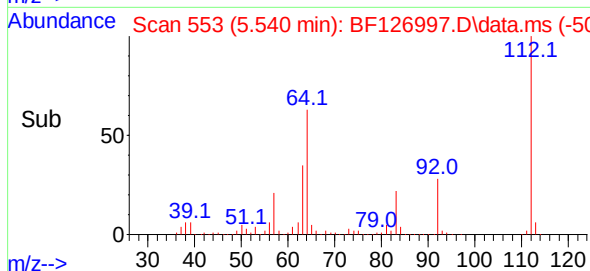
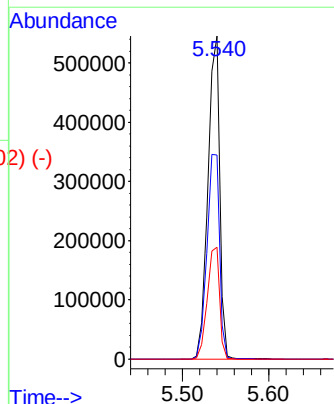
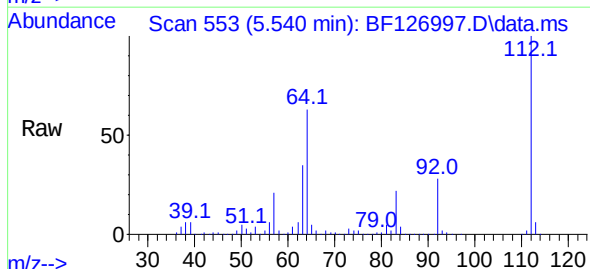
Tgt Ion:112 Resp: 514227

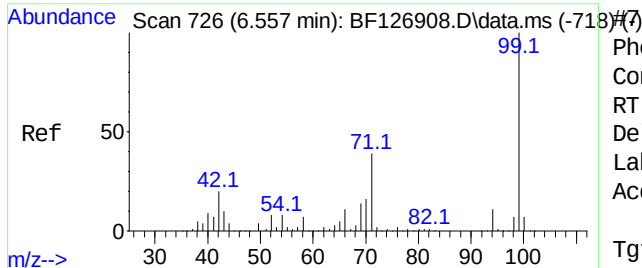
Ion Ratio Lower Upper

112 100

64 63.3 49.5 74.3

63 34.7 23.9 35.9





Phenol-d6

Concen: 94.259 ng

RT: 6.534 min Scan#

Delta R.T. -0.012 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

Instrument :

BNA_F

ClientSampleId :

SB-6-(0-0.5)

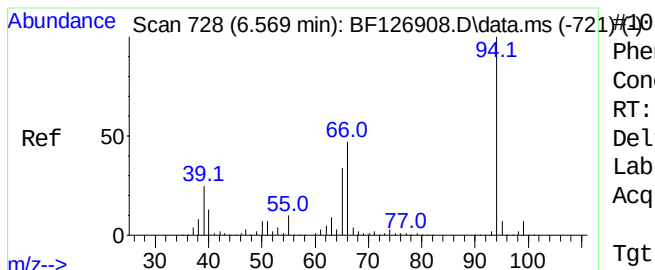
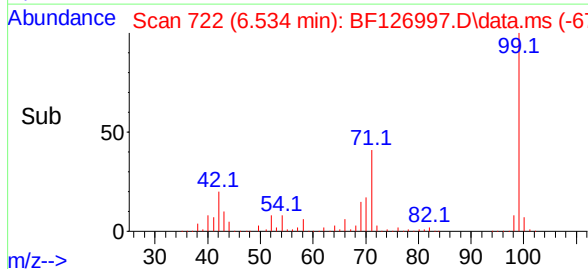
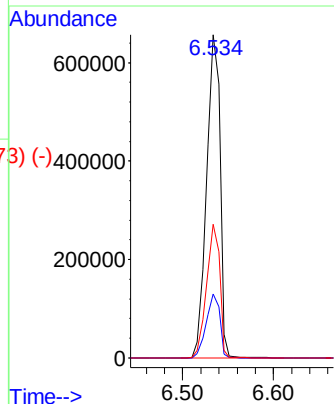
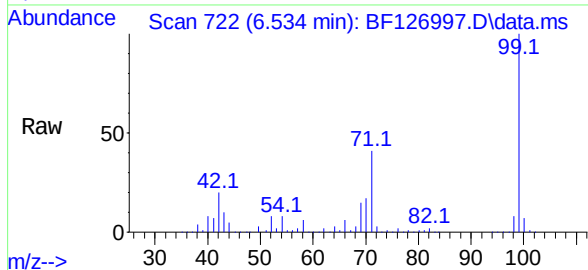
Tgt Ion: 99 Resp: 677240

Ion Ratio Lower Upper

99 100

42 19.8 14.2 21.4

71 41.4 24.3 36.5#



Phenol

Concen: 2.714 ng

RT: 6.546 min Scan# 724

Delta R.T. -0.018 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

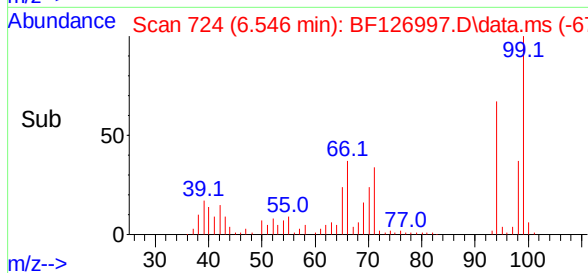
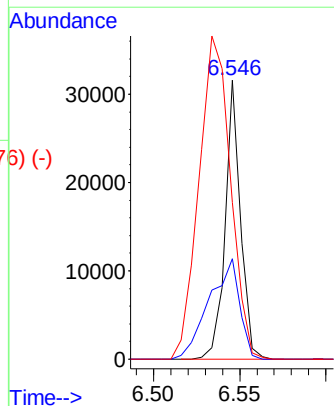
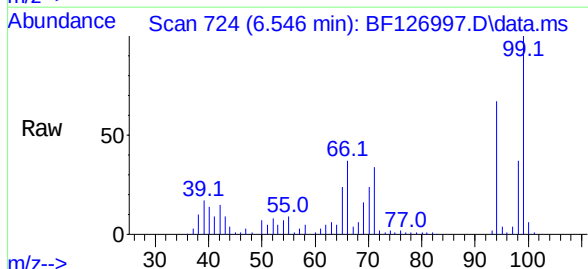
Tgt Ion: 94 Resp: 19700

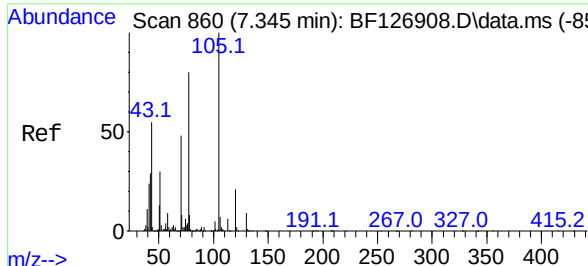
Ion Ratio Lower Upper

94 100

65 36.0 7.2 47.2

66 56.2 14.5 54.5#

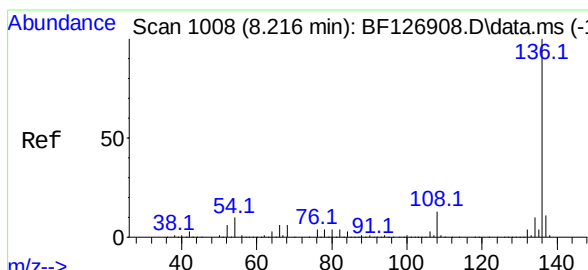
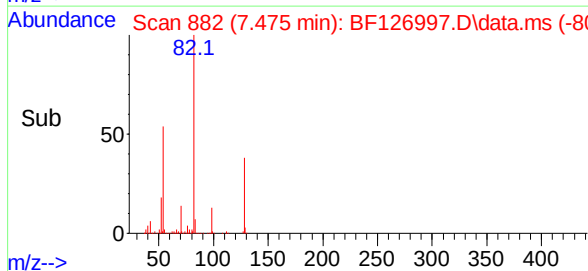
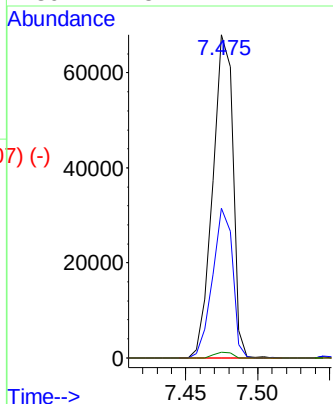
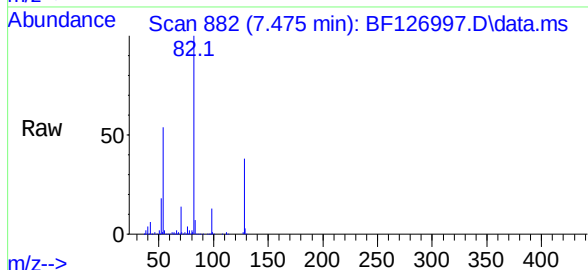




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.264 ng
 RT: 7.475 min Scan# 819
 Delta R.T. 0.141 min
 Lab File: BF126997.D
 Acq: 22 Feb 2022 02:23

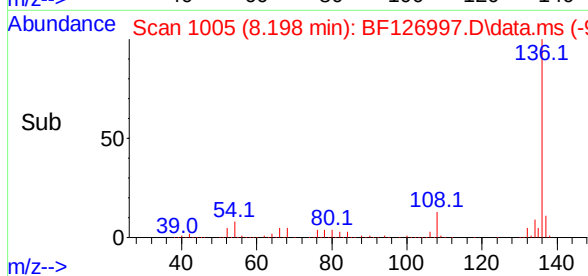
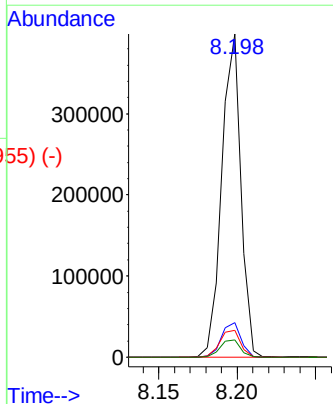
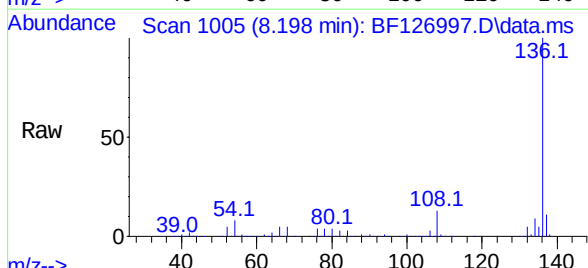
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(0-0.5)

Tgt Ion:	70	Resp:	66037
Ion	Ratio	Lower	Upper
70	100		
42	46.3	45.8	68.8
101	0.0	6.9	10.3#
130	1.8	14.4	21.6#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.198 min Scan# 1005
 Delta R.T. -0.006 min
 Lab File: BF126997.D
 Acq: 22 Feb 2022 02:23

Tgt Ion:	136	Resp:	337059
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.2	7.8	11.6
68	5.3	6.3	9.5#



Abundance Scan 886 (7.498 min): BF126908.D\data.ms (-880) #23

Nitrobenzene-d5

Concen: 64.716 ng

RT: 7.475 min Scan# 882

Delta R.T. -0.018 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

Instrument :

BNA_F

ClientSampleId :

SB-6-(0-0.5)

Tgt Ion: 82 Resp: 483261

Ion Ratio Lower Upper

82 100

128 37.8 32.7 49.1

54 53.9 41.7 62.5

m/z--> Scan 882 (7.475 min): BF126997.D\data.ms

Abundance

Raw

54.1 82.1 128.1

m/z-->

Abundance Scan 882 (7.475 min): BF126997.D\data.ms (-834) (-)

Sub

54.1 82.1 128.1

m/z-->

Abundance

7.475

400000

300000

200000

100000

0

Time-->

Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25

Isophorone

Concen: 39.023 ng

RT: 7.475 min Scan# 882

Delta R.T. -0.270 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

Tgt Ion: 82 Resp: 482197

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

m/z--> Scan 882 (7.475 min): BF126997.D\data.ms

Abundance

Raw

54.1 82.1 128.1

m/z-->

Abundance Scan 882 (7.475 min): BF126997.D\data.ms (-877) (-)

Sub

54.1 82.1 128.1

m/z-->

Abundance

7.475

400000

300000

200000

100000

0

Time-->

Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1307.9)

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

Instrument :

BNA_F

ClientSampleId :

SB-6-(0-0.5)

Tgt Ion:164 Resp: 172853

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

160 44.8 36.6 54.8

m/z-->

Abundance Scan 1303 (9.951 min): BF126997.D\data.ms

Raw

m/z-->

Abundance Scan 1303 (9.951 min): BF126997.D\data.ms (-1254) (-)

Sub

m/z-->

Abundance

9.951

150000

100000

50000

0

Time-->

Abundance Scan 1442 (10.769 min): BF126908.D\data.ms (-1442.3)

2,4,6-Tribromophenol

Concen: 77.450 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

Tgt Ion:330 Resp: 154138

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

141 38.0 30.1 45.1

m/z-->

Abundance Scan 1438 (10.745 min): BF126997.D\data.ms

Raw

m/z-->

Abundance Scan 1438 (10.745 min): BF126997.D\data.ms (-1388) (-)

Sub

m/z-->

Abundance

10.745

150000

100000

50000

0

Time-->

Abundance Scan 1191 (9.292 min): BF126908.D\data.ms (-11851)

2-Fluorobiphenyl

Concen: 63.227 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126997.D

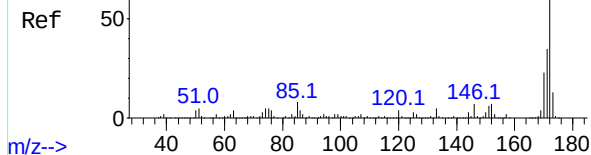
Acq: 22 Feb 2022 02:23

Instrument :

BNA_F

ClientSampleId :

SB-6-(0-0.5)



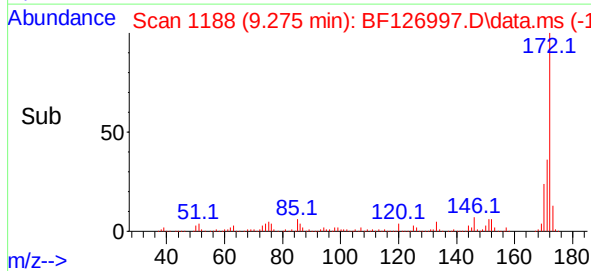
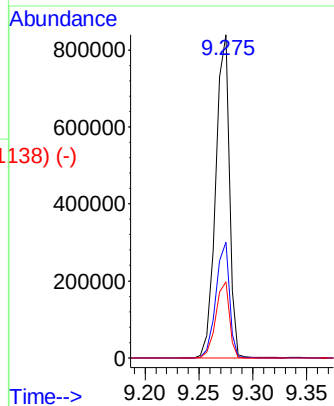
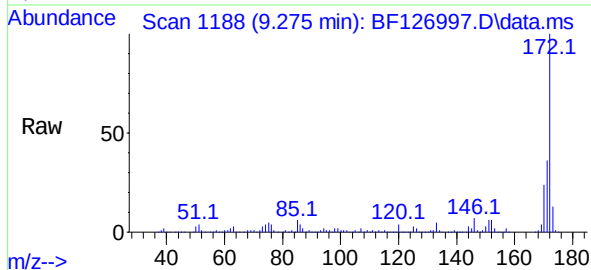
Tgt Ion:172 Resp: 742379

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.5 19.0 28.6



Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-12651)

2,6-Dinitrotoluene

Concen: 8.930 ng

RT: 9.951 min Scan# 1303

Delta R.T. 0.206 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

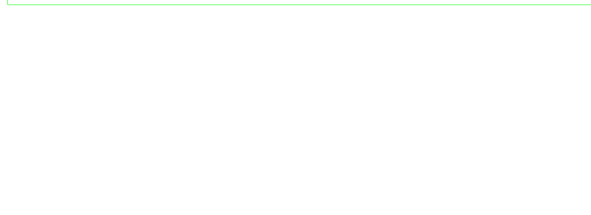
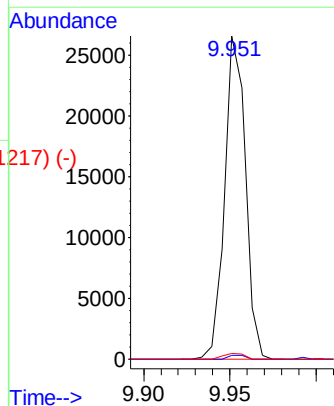
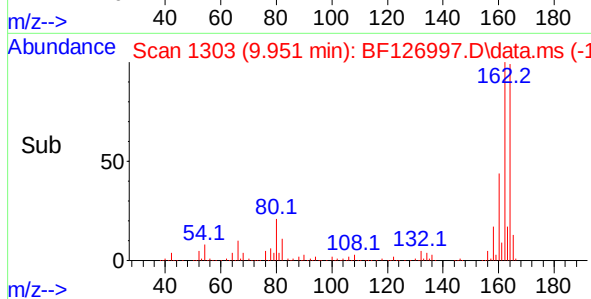
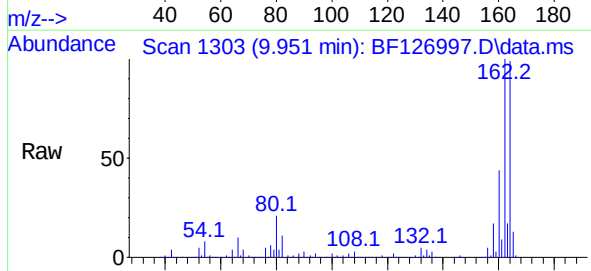
Tgt Ion:165 Resp: 22447

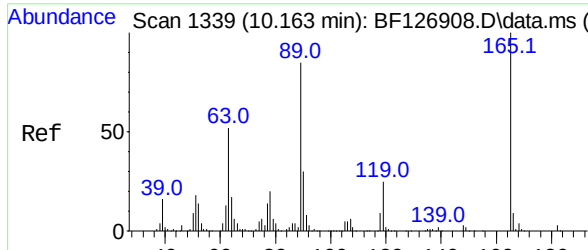
Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

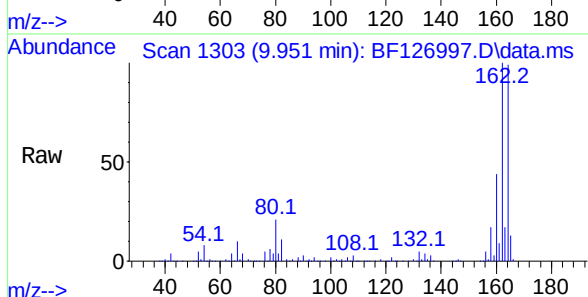
89 1.8 50.5 75.7#



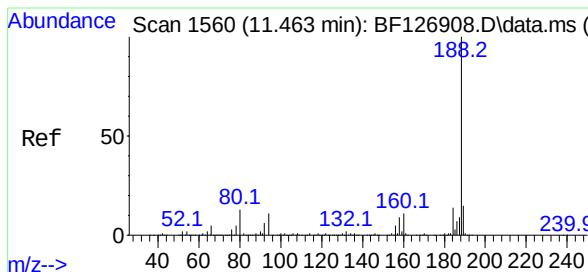
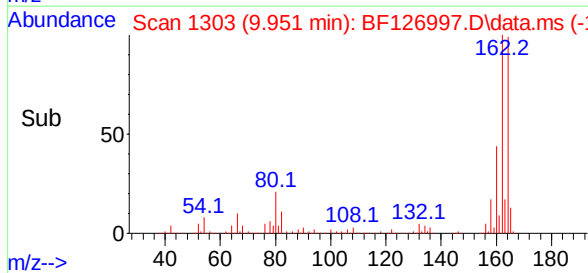
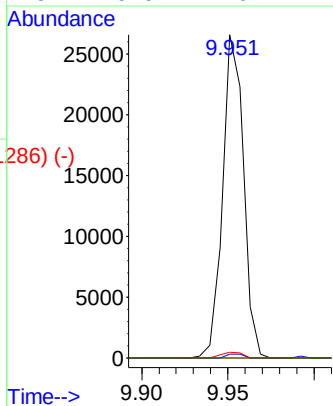


2,4-Dinitrotoluene
 Concen: 6.604 ng
 RT: 9.951 min Scan# 1339
 Delta R.T. -0.200 min
 Lab File: BF126997.D
 Acq: 22 Feb 2022 02:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(0-0.5)

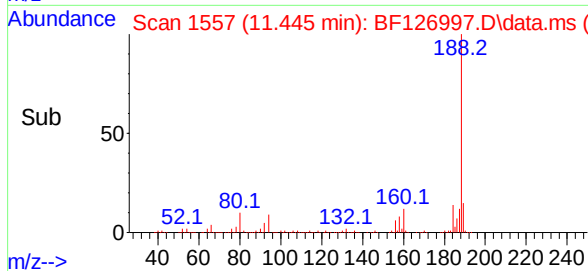
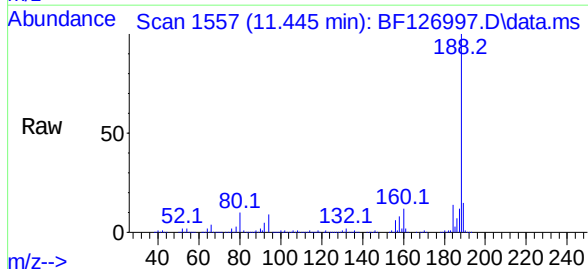
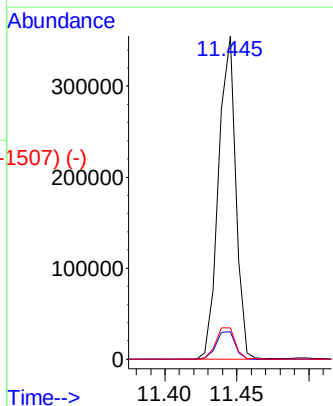


Tgt Ion:	165	Resp:	22447
Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.0	64.6#
89	1.8	71.0	106.4#
182	0.0	1.6	2.4#



Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1557
 Delta R.T. -0.006 min
 Lab File: BF126997.D
 Acq: 22 Feb 2022 02:23

Tgt Ion:	188	Resp:	293201
Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.1	15.1#
80	9.8	11.8	17.6#



Abundance Scan 1482 (11.004 min): BF126908.D\data.ms (-1482) (-)

4-Bromophenyl-phenylether

Concen: 2.773 ng

RT: 10.745 min Scan# 1482

Delta R.T. -0.247 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

Instrument :

BNA_F

ClientSampleId :

SB-6-(0-0.5)

Tgt Ion:248 Resp: 9084

Ion Ratio Lower Upper

248 100

250 206.5 76.2 114.4#

141 515.5 66.2 99.4#

Abundance Scan 1438 (10.745 min): BF126997.D\data.ms

m/z-->

Abundance Scan 1438 (10.745 min): BF126997.D\data.ms

m/z-->

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m/z-->

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Abundance Scan 1438 (10.745 min): BF126997.D\data.ms

m/z-->

Abundance Scan 1438 (10.745 min): BF126997.D\data.ms

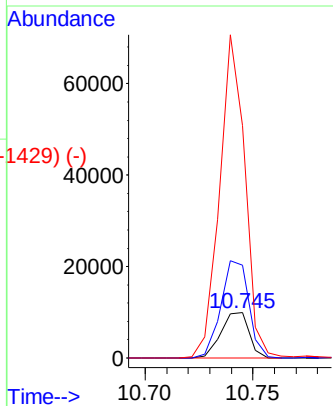
m/z-->

Abundance Scan 1438 (10.745 min): BF126997.D\data.ms

m/z-->

Abundance Scan 1438 (10.745 min): BF126997.D\data.ms

m/z-->



Abundance Scan 1565 (11.492 min): BF126908.D\data.ms (-1565) (-)

Phenanthrene

Concen: 2.242 ng

RT: 11.469 min Scan# 1561

Delta R.T. -0.012 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

Tgt Ion:178 Resp: 36792

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 15.1 12.3 18.5

Abundance Scan 1561 (11.469 min): BF126997.D\data.ms

m/z-->

Abundance Scan 1561 (11.469 min): BF126997.D\data.ms

m/z-->

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m/z-->

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m/z-->

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m/z-->

Abundance Scan 1561 (11.469 min): BF126997.D\data.ms

m/z-->

Abundance Scan 1561 (11.469 min): BF126997.D\data.ms

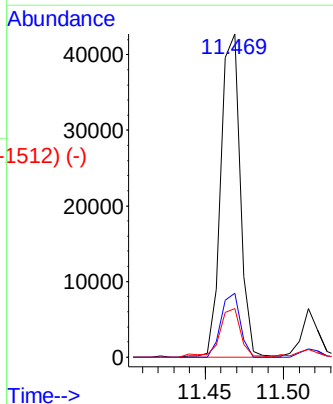
m/z-->

Abundance Scan 1561 (11.469 min): BF126997.D\data.ms

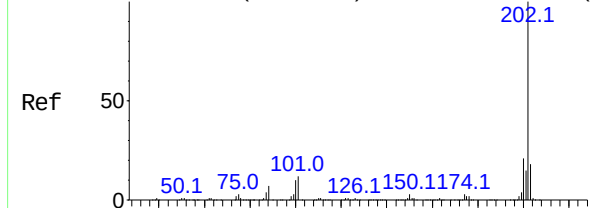
m/z-->

Abundance Scan 1561 (11.469 min): BF126997.D\data.ms

m/z-->



Abundance Scan 1767 (12.680 min): BF126908.D\data.ms (-1775) (-)



Fluoranthene

Concen: 3.015 ng

RT: 12.657 min Scan#

Delta R.T. -0.012 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

Instrument :

BNA_F

ClientSampleId :

SB-6-(0-0.5)

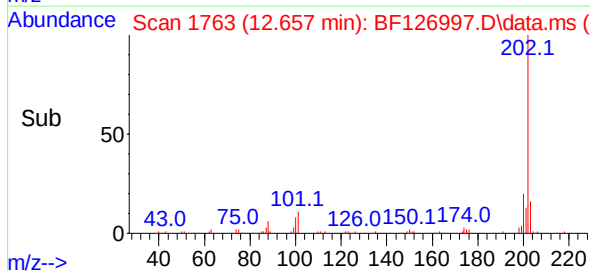
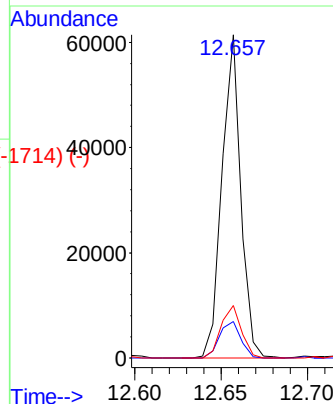
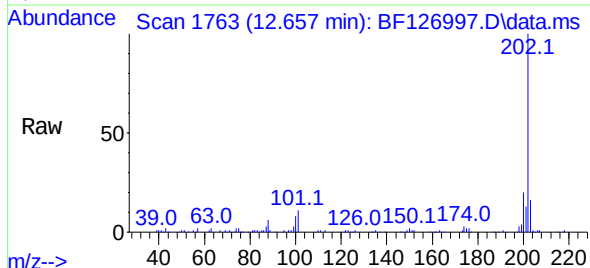
Tgt Ion:202 Resp: 46978

Ion Ratio Lower Upper

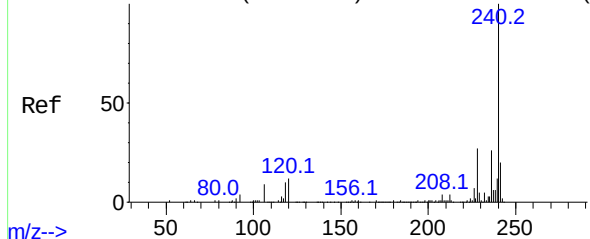
202 100

101 11.4 0.0 35.7

203 16.3 0.0 37.1



Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-2076) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2006

Delta R.T. -0.012 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23

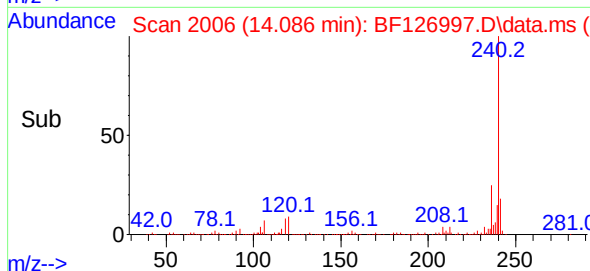
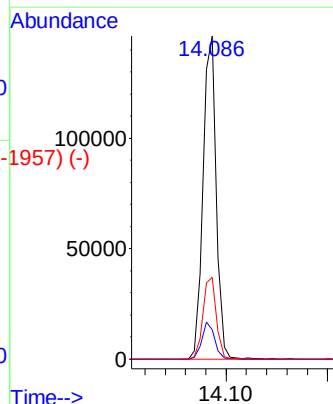
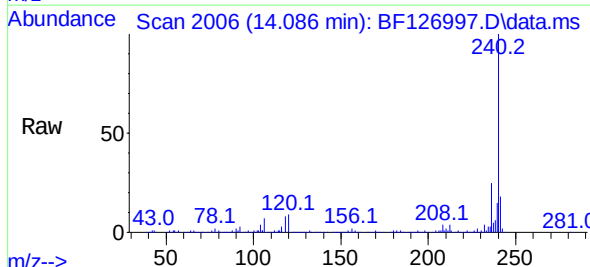
Tgt Ion:240 Resp: 132067

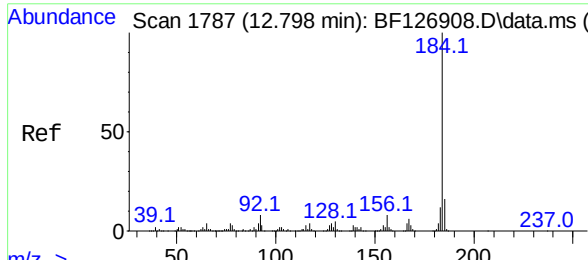
Ion Ratio Lower Upper

240 100

120 9.1 14.4 21.6#

236 25.3 20.5 30.7

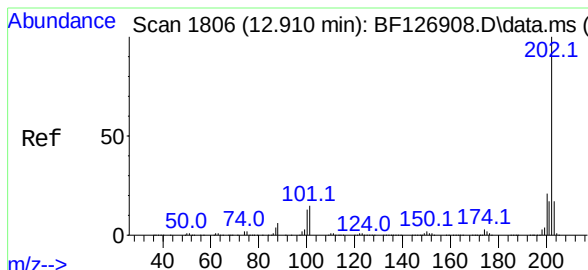
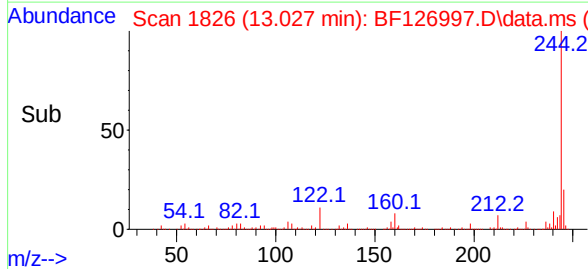
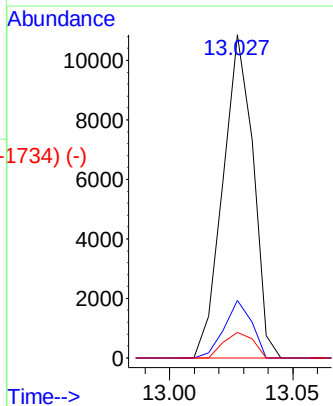
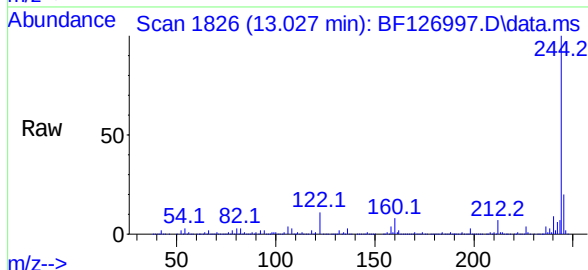




Benzidine
 Concen: 2.577 ng
 RT: 13.027 min Scan# 1787
 Delta R.T. 0.241 min
 Lab File: BF126997.D
 Acq: 22 Feb 2022 02:23

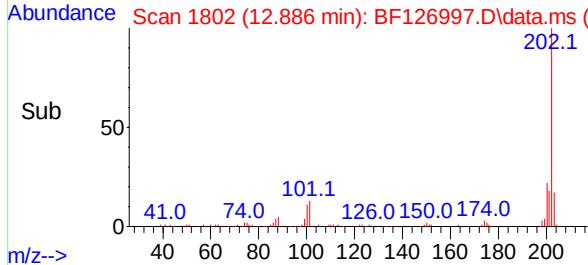
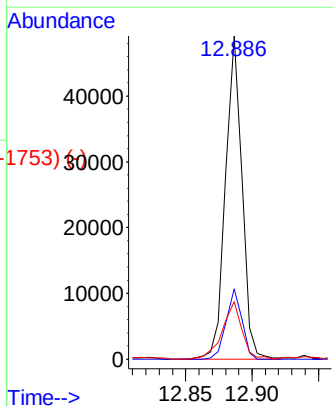
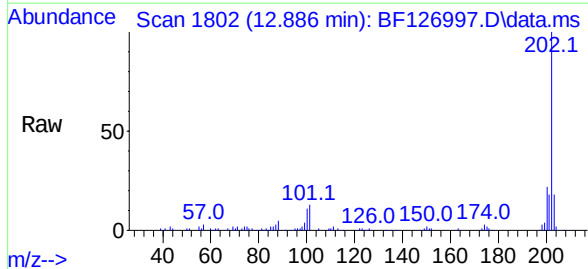
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(0-0.5)

Tgt Ion:	184	Resp:	9249
Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.8	17.8#
183	7.9	8.2	12.2#



Pyrene
 Concen: 3.683 ng
 RT: 12.886 min Scan# 1802
 Delta R.T. -0.012 min
 Lab File: BF126997.D
 Acq: 22 Feb 2022 02:23

Tgt Ion:	202	Resp:	42261
Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	24.8
203	17.7	13.8	20.8



Abundance Scan 1830 (13.051 min): BF126908.D\data.ms (-1879) (-)

Terphenyl-d14

Concen: 67.578 ng

RT: 13.027 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BF126997.D

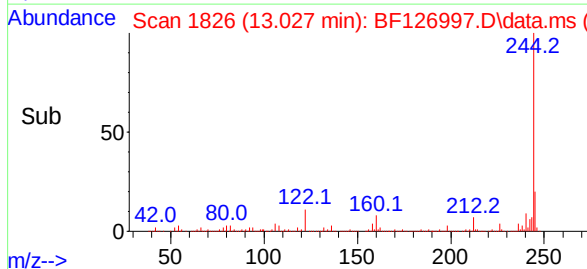
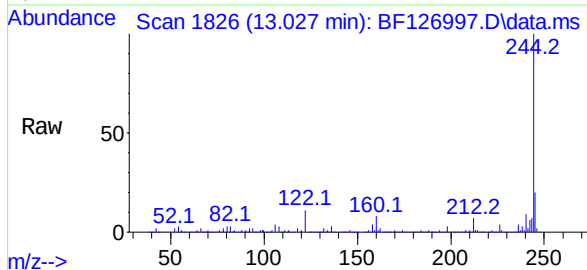
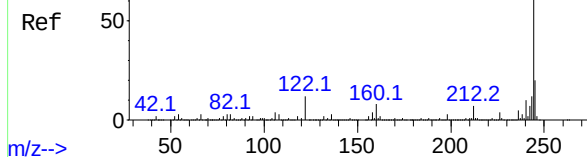
Acq: 22 Feb 2022 02:23

Instrument :

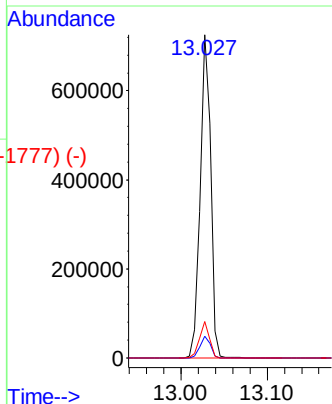
BNA_F

ClientSampleId :

SB-6-(0-0.5)



Tgt Ion:	244	Resp:	607114
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	11.2	13.3	19.9#



Abundance Scan 2265 (15.609 min): BF126908.D\data.ms (-2286) (-)

Perylene-d12

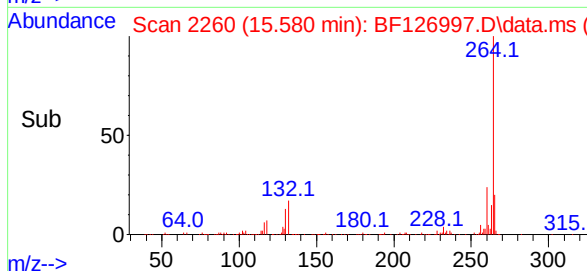
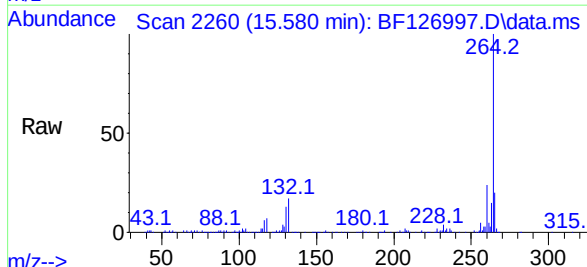
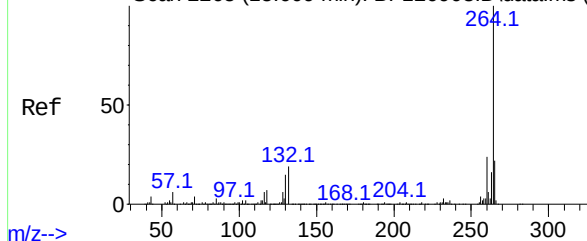
Concen: 20.000 ng

RT: 15.580 min Scan# 2260

Delta R.T. -0.012 min

Lab File: BF126997.D

Acq: 22 Feb 2022 02:23



Tgt Ion:	264	Resp:	151655
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.3	17.4	26.2

