

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
 Data File : BF126914.D
 Acq On : 16 Feb 2022 15:36
 Operator : CG\JU
 Sample : PB142443BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142443BL

Quant Time: Feb 17 01:06:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

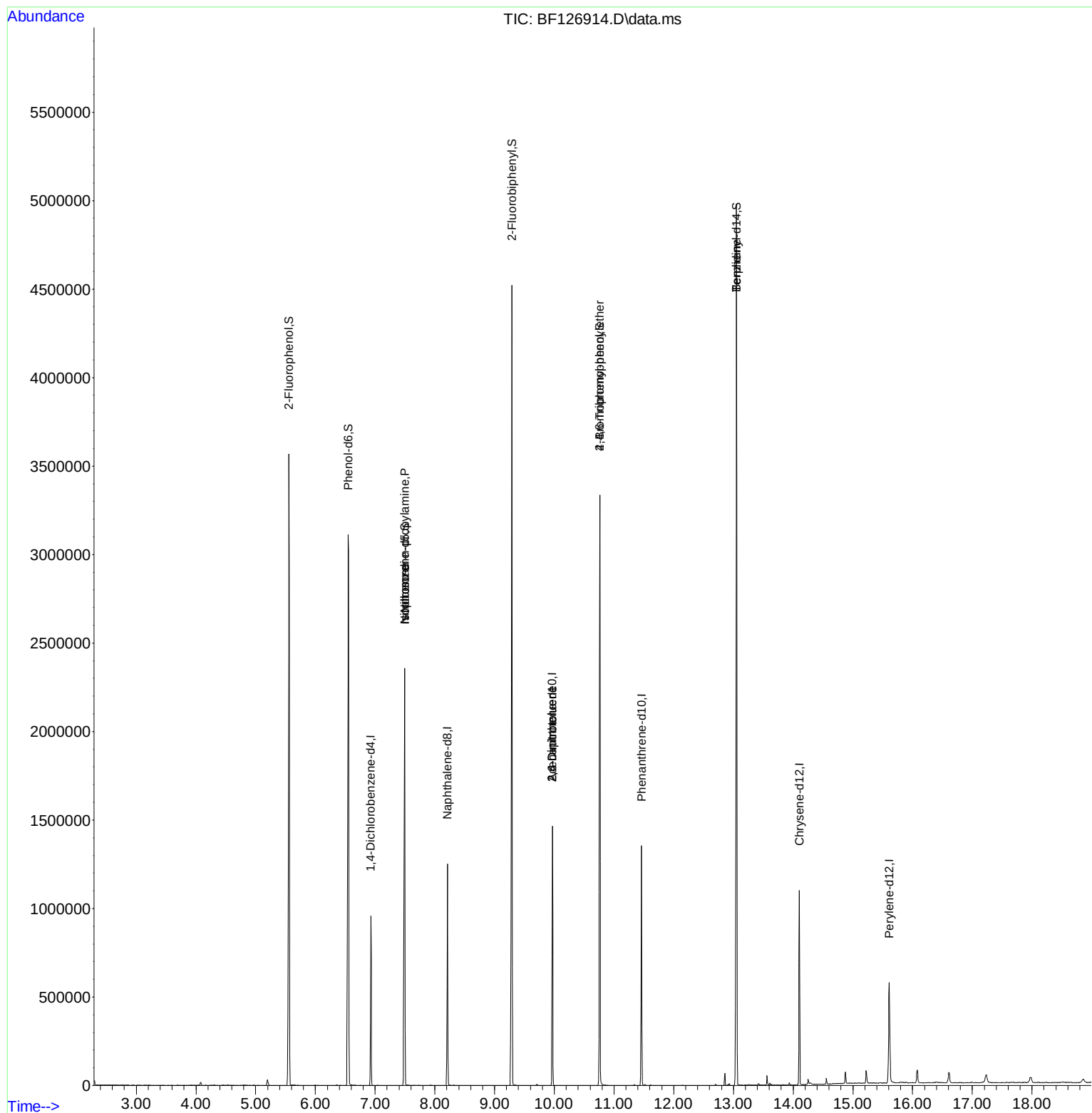
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	120885	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	511663	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	262908	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	486814	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	315779	20.000	ng	# 0.00
86) Perylene-d12	15.609	264	231207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	986056	126.072	ng	0.01
7) Phenol-d6	6.551	99	1308054	123.942	ng	0.00
23) Nitrobenzene-d5	7.498	82	934893	82.473	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	381273	125.956	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1449326	81.155	ng	0.00
79) Terphenyl-d14	13.051	244	1742572	81.122	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.498	70	127724	18.781	ng	# 79
25) Isophorone	7.498	82	933137	49.747	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	34482	9.019	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	34482	6.670	ng	# 15
67) 4-Bromophenyl-phenylether	10.763	248	22426	4.123	ng	# 1
77) Benzidine	13.051	184	24967	2.909	ng	95

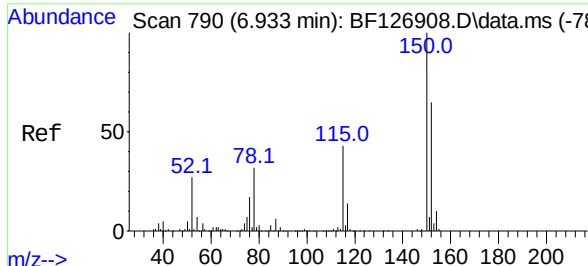
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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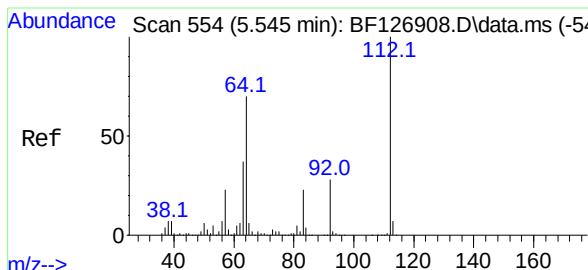
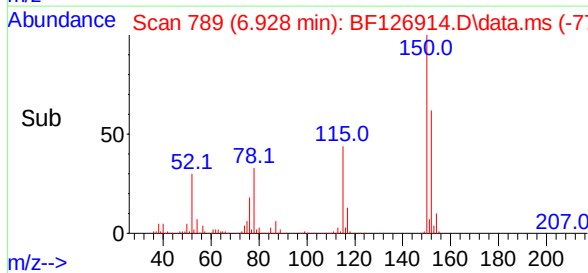
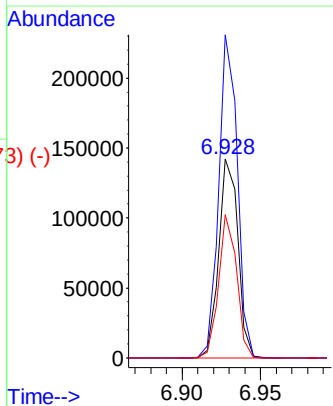
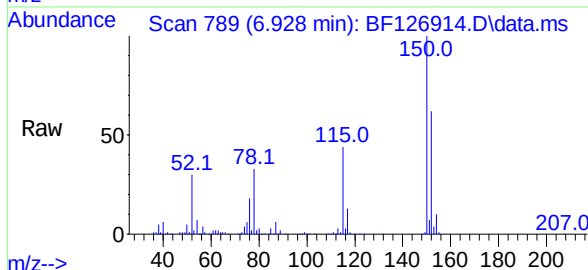




Scan 790 (6.933 min): BF126908.D\data.ms (-785) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan#
 Delta R.T. -0.005 min
 Lab File: BF126914.D
 Acq: 16 Feb 2022 15:36

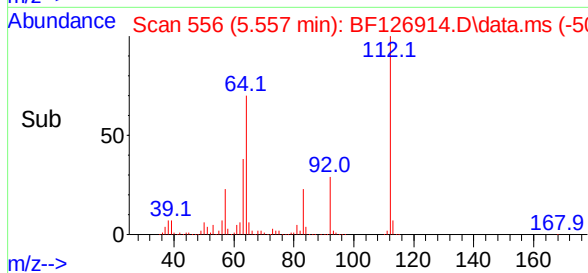
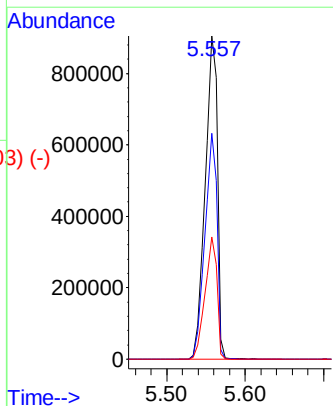
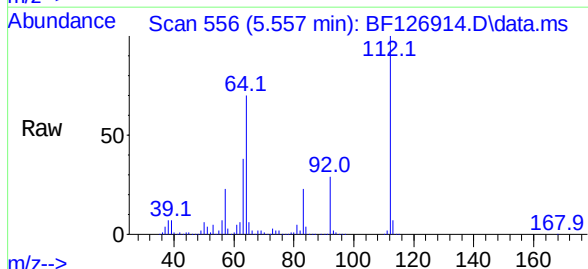
Instrument :
 BNA_F
 ClientSampleId :
 PB142443BL

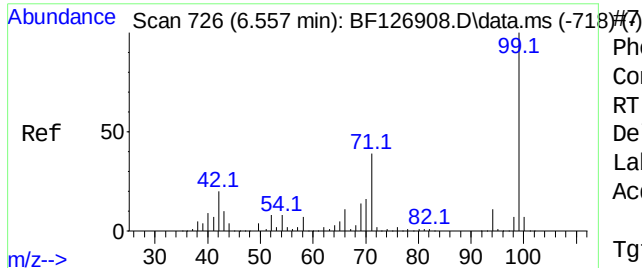
Tgt Ion:	152	Resp:	120885
Ion	Ratio	Lower	Upper
152	100		
150	162.2	128.1	192.1
115	71.9	56.7	85.1



Scan 554 (5.545 min): BF126908.D\data.ms (-548) #5
 2-Fluorophenol
 Concen: 126.072 ng
 RT: 5.557 min Scan# 556
 Delta R.T. 0.012 min
 Lab File: BF126914.D
 Acq: 16 Feb 2022 15:36

Tgt Ion:	112	Resp:	986056
Ion	Ratio	Lower	Upper
112	100		
64	69.9	49.5	74.3
63	37.7	23.9	35.9





Phenol-d6

Concen: 123.942 ng

RT: 6.551 min Scan#

Delta R.T. -0.006 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Instrument :

BNA_F

ClientSampleId :

PB142443BL

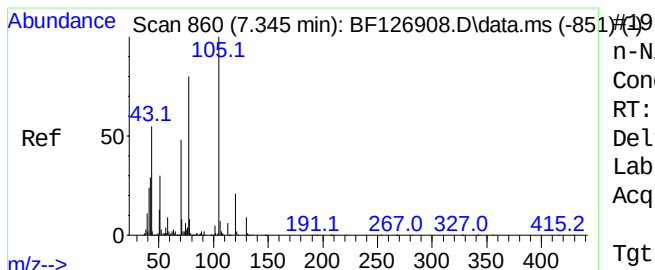
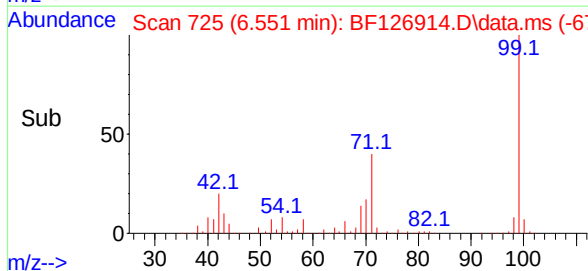
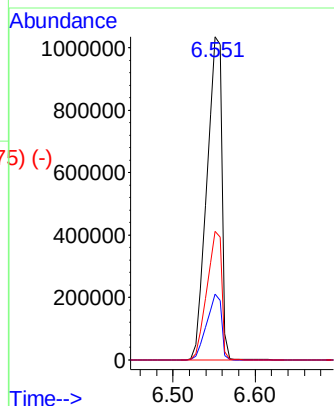
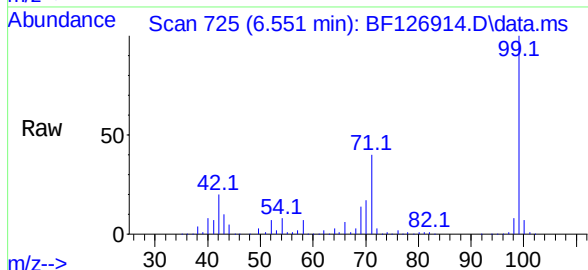
Tgt Ion: 99 Resp: 1308054

Ion Ratio Lower Upper

99 100

42 20.5 14.2 21.4

71 39.9 24.3 36.5#



n-Nitroso-di-n-propylamine

Concen: 18.781 ng

RT: 7.498 min Scan# 886

Delta R.T. 0.153 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Tgt Ion: 70 Resp: 127724

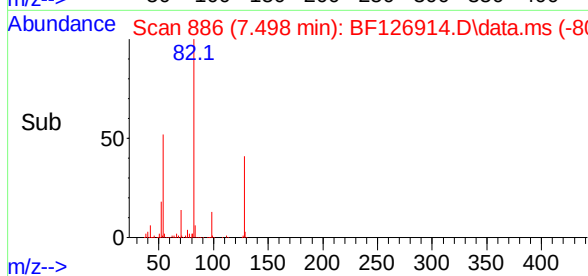
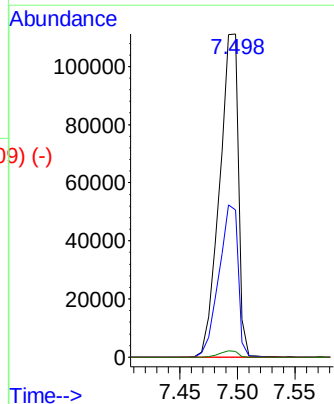
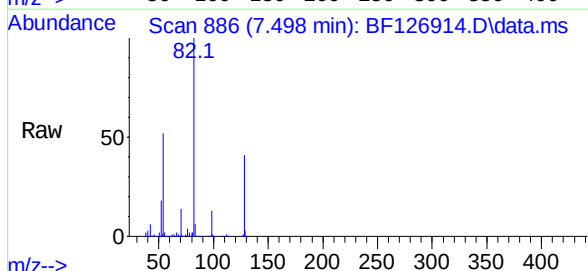
Ion Ratio Lower Upper

70 100

42 45.5 45.8 68.8#

101 0.0 6.9 10.3#

130 1.7 14.4 21.6#



Abundance Scan 1008 (8.216 min): BF126908.D\data.ms (-10621)

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Instrument :

BNA_F

ClientSampleId :

PB142443BL

Tgt Ion:136 Resp: 511663

Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.7 7.8 11.6

68 6.3 6.3 9.5#

Abundance Scan 1007 (8.210 min): BF126914.D\data.ms

m/z-->

Abundance Scan 1007 (8.210 min): BF126914.D\data.ms (-957) (-)

m/z-->

Abundance Scan 1007 (8.210 min): BF126914.D\data.ms (-957) (-)

m/z-->

Abundance Scan 1007 (8.210 min): BF126914.D\data.ms (-957) (-)

m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

Abundance Scan 1007 (8.210 min): BF126914.D\data.ms (-957) (-)

m/z-->

Abundance Scan 1007 (8.210 min): BF126914.D\data.ms (-957) (-)

m/z-->

Abundance Scan 1007 (8.210 min): BF126914.D\data.ms (-957) (-)

m/z-->

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

Nitrobenzene-d5

Concen: 82.473 ng

RT: 7.498 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Tgt Ion: 82 Resp: 934893

Ion Ratio Lower Upper

82 100

128 41.3 32.7 49.1

54 52.3 41.7 62.5

Abundance Scan 886 (7.498 min): BF126914.D\data.ms

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

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m/z-->

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m/z-->

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m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

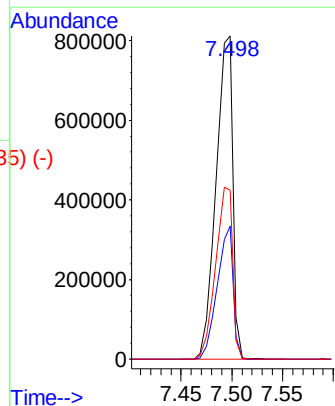
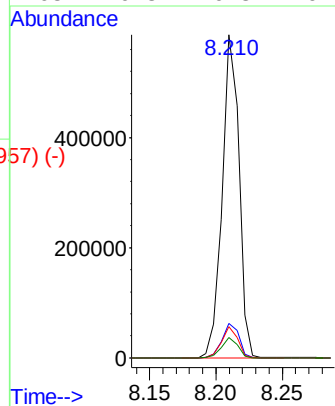
m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->

Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-835) (-)

m/z-->



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

Isophorone

Concen: 49.747 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.259 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Instrument :

BNA_F

ClientSampleId :

PB142443BL

Tgt Ion: 82 Resp: 933137

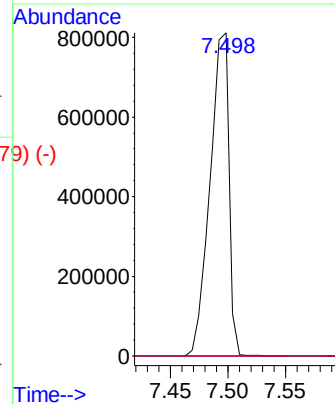
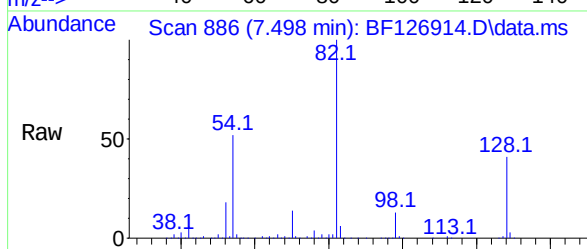
Ion Ratio Lower Upper

82 100

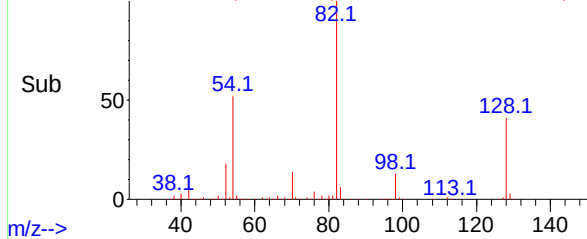
95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

m/z--> Abundance Scan 886 (7.498 min): BF126914.D\data.ms



Abundance Scan 886 (7.498 min): BF126914.D\data.ms (-879) (-)



Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1306) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Tgt Ion: 164 Resp: 262908

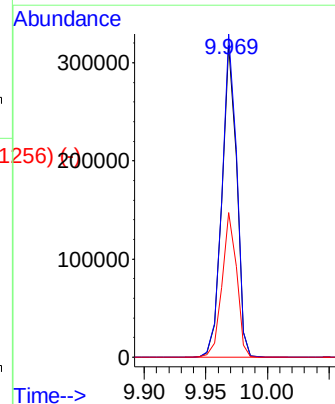
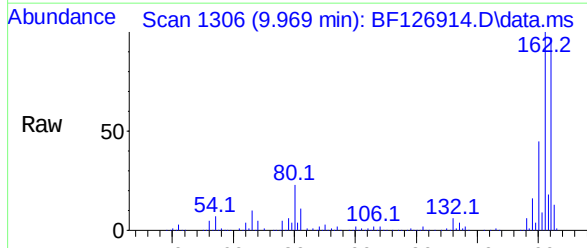
Ion Ratio Lower Upper

164 100

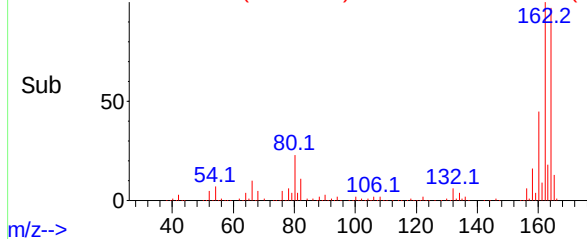
162 103.6 81.4 122.0

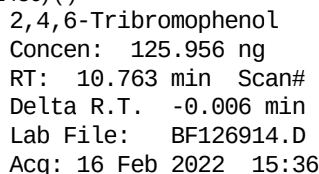
160 46.5 36.6 54.8

m/z--> Abundance Scan 1306 (9.969 min): BF126914.D\data.ms

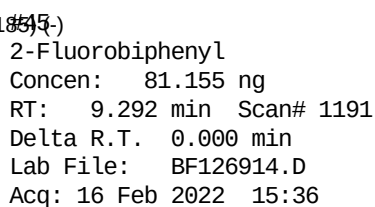
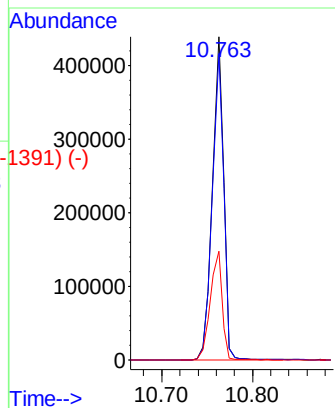
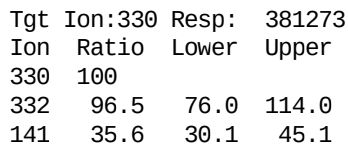


Abundance Scan 1306 (9.969 min): BF126914.D\data.ms (-1256) (-)

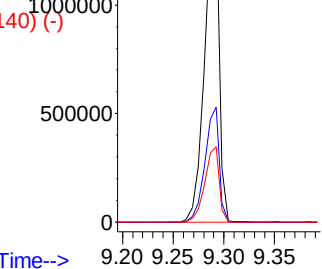
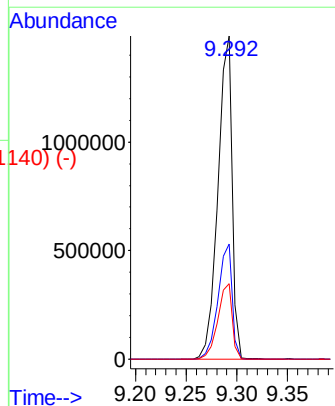




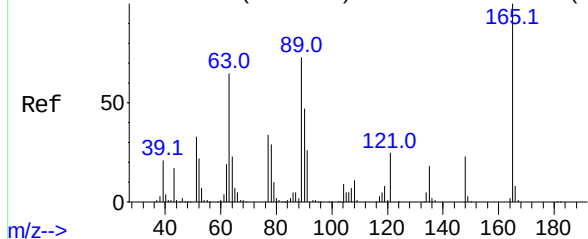
Instrument :
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PB142443BL



Tgt	Ion:172	Resp:	1449326
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.3	19.0	28.6



Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-1264) (-)



2,6-Dinitrotoluene

Concen: 9.019 ng

RT: 9.969 min Scan# 1306

Delta R.T. 0.212 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Instrument :

BNA_F

ClientSampleId :

PB142443BL

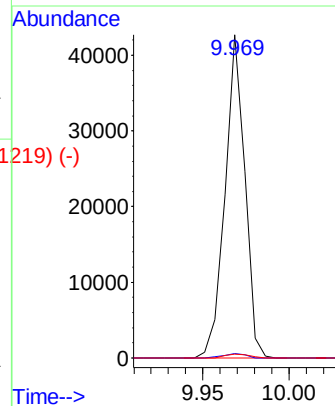
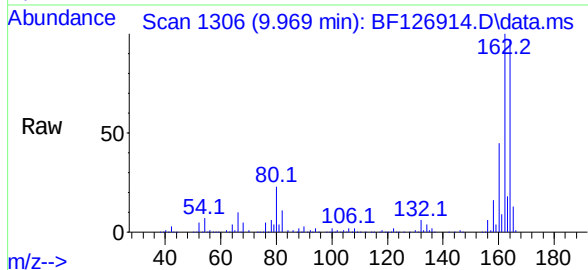
Tgt Ion:165 Resp: 34482

Ion Ratio Lower Upper

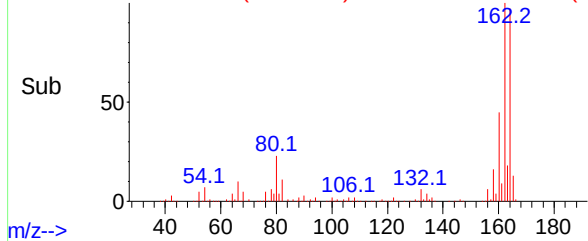
165 100

63 1.3 48.4 72.6#

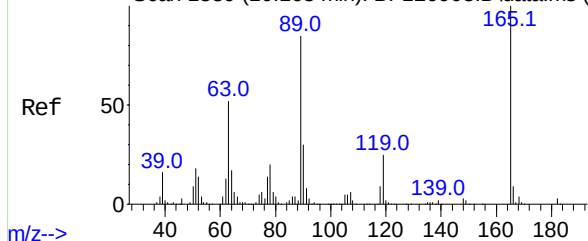
89 1.2 50.5 75.7#



Abundance Scan 1306 (9.969 min): BF126914.D\data.ms (-1219) (-)



Abundance Scan 1339 (10.163 min): BF126908.D\data.ms (-1357) (-)



2,4-Dinitrotoluene

Concen: 6.670 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.194 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Tgt Ion:165 Resp: 34482

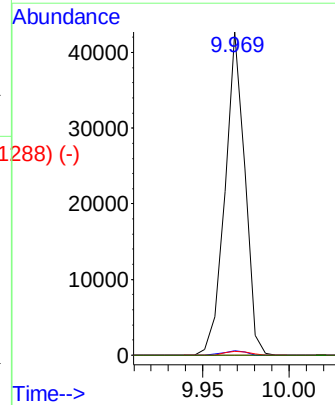
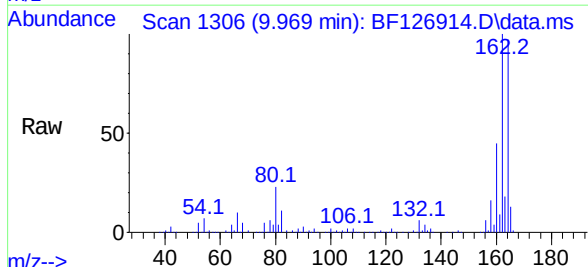
Ion Ratio Lower Upper

165 100

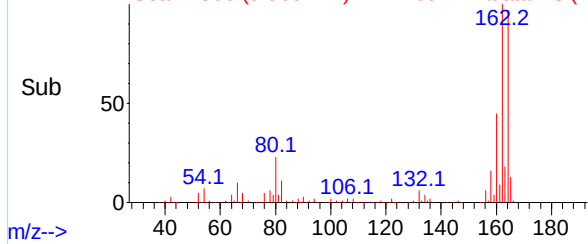
63 1.3 43.0 64.6#

89 1.2 71.0 106.4#

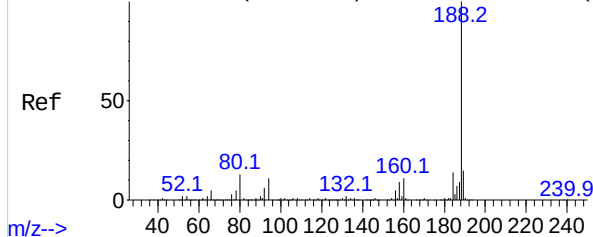
182 0.0 1.6 2.4#



Abundance Scan 1306 (9.969 min): BF126914.D\data.ms (-1288) (-)



Abundance Scan 1560 (11.463 min): BF126908.D\data.ms (-1560) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 11.463 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Instrument :

BNA_F

ClientSampleId :

PB142443BL

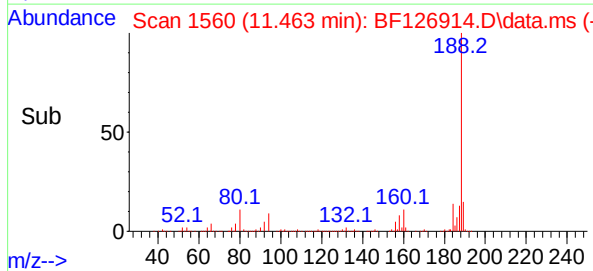
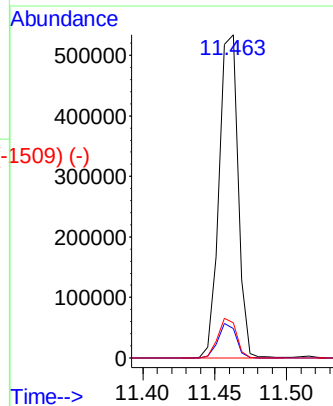
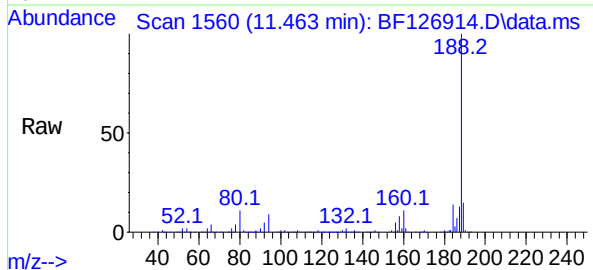
Tgt Ion:188 Resp: 486814

Ion Ratio Lower Upper

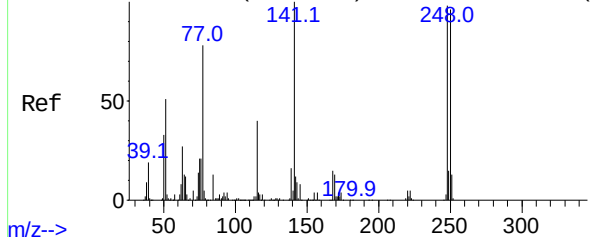
188 100

94 9.2 10.1 15.1#

80 10.9 11.8 17.6#



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



4-Bromophenyl-phenylether

Concen: 4.123 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.241 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

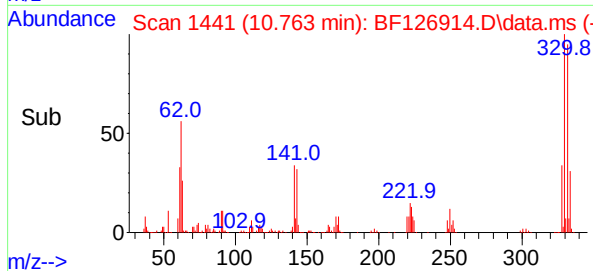
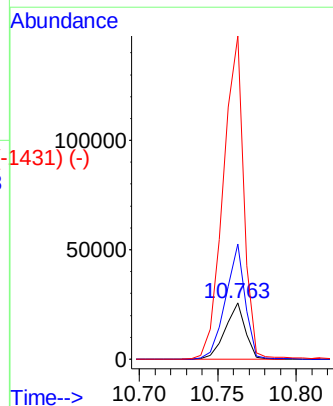
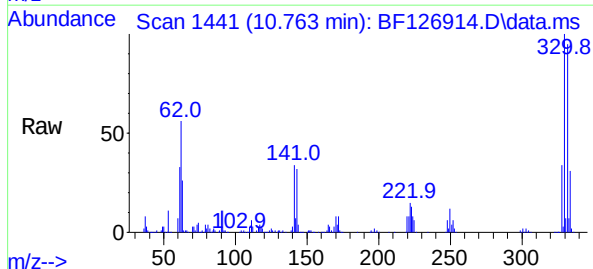
Tgt Ion:248 Resp: 22426

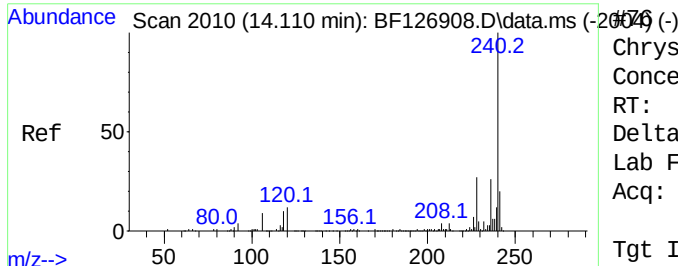
Ion Ratio Lower Upper

248 100

250 205.1 76.2 114.4#

141 576.6 66.2 99.4#





Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Instrument :

BNA_F

ClientSampleId :

PB142443BL

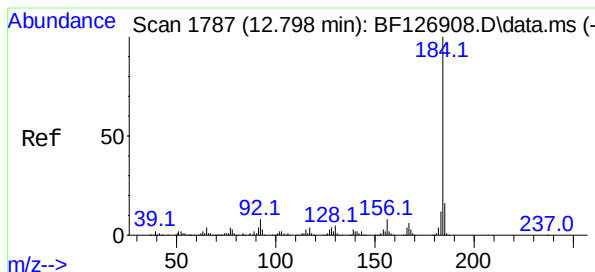
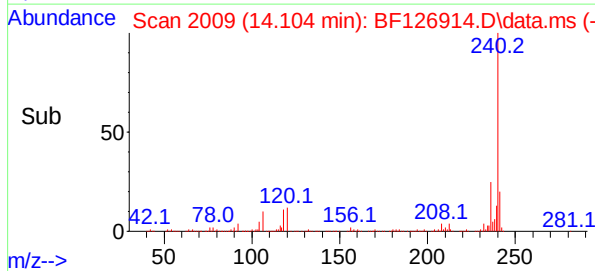
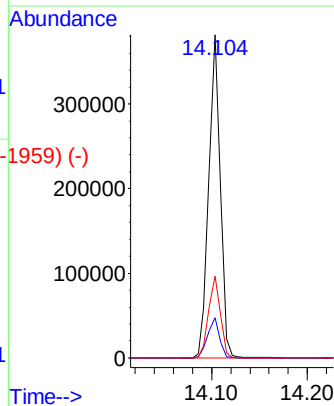
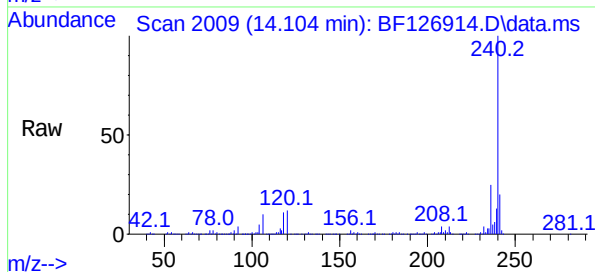
Tgt Ion:240 Resp: 315779

Ion Ratio Lower Upper

240 100

120 12.5 14.4 21.6#

236 25.3 20.5 30.7



Benzidine

Concen: 2.909 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.253 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

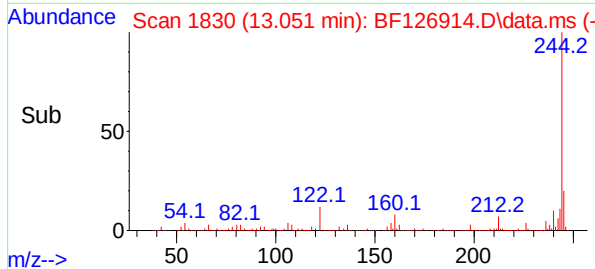
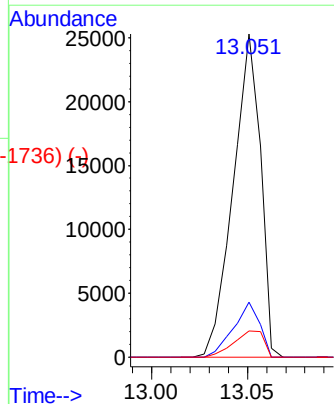
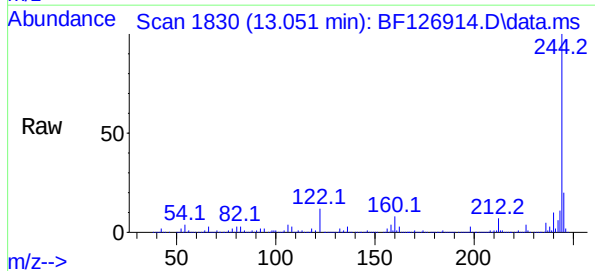
Tgt Ion:184 Resp: 24967

Ion Ratio Lower Upper

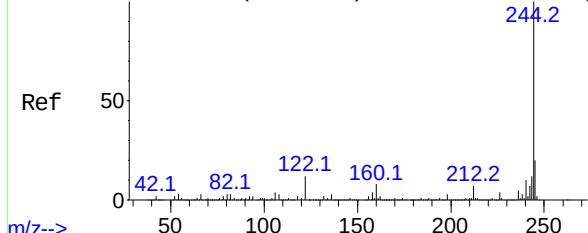
184 100

185 17.0 11.8 17.8

183 8.2 8.2 12.2



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



Terphenyl-d14

Concen: 81.122 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Instrument :

BNA_F

ClientSampleId :

PB142443BL

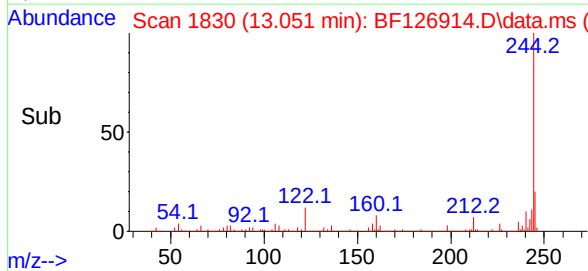
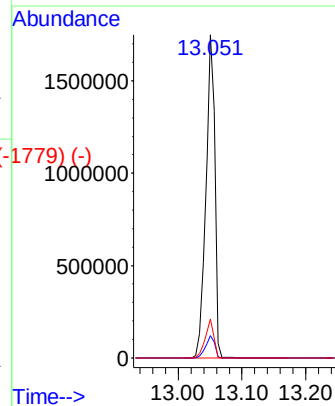
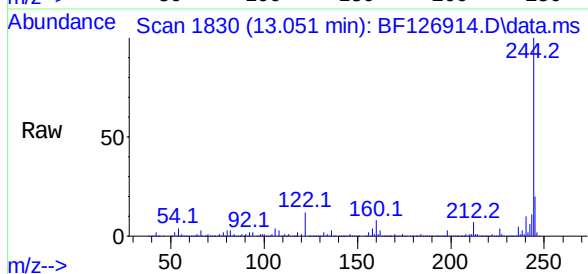
Tgt Ion:244 Resp: 1742572

Ion Ratio Lower Upper

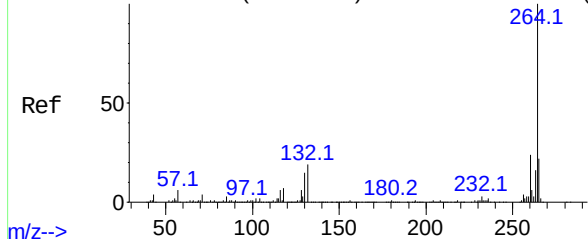
244 100

212 6.8 5.0 7.4

122 12.1 13.3 19.9#



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



Perylene-d12

Concen: 20.000 ng

RT: 15.609 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF126914.D

Acq: 16 Feb 2022 15:36

Tgt Ion:264 Resp: 231207

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.4 17.4 26.2

