

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126987.D
 Acq On : 21 Feb 2022 21:44
 Operator : CG\JU
 Sample : N1603-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 22 03:52:29 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)

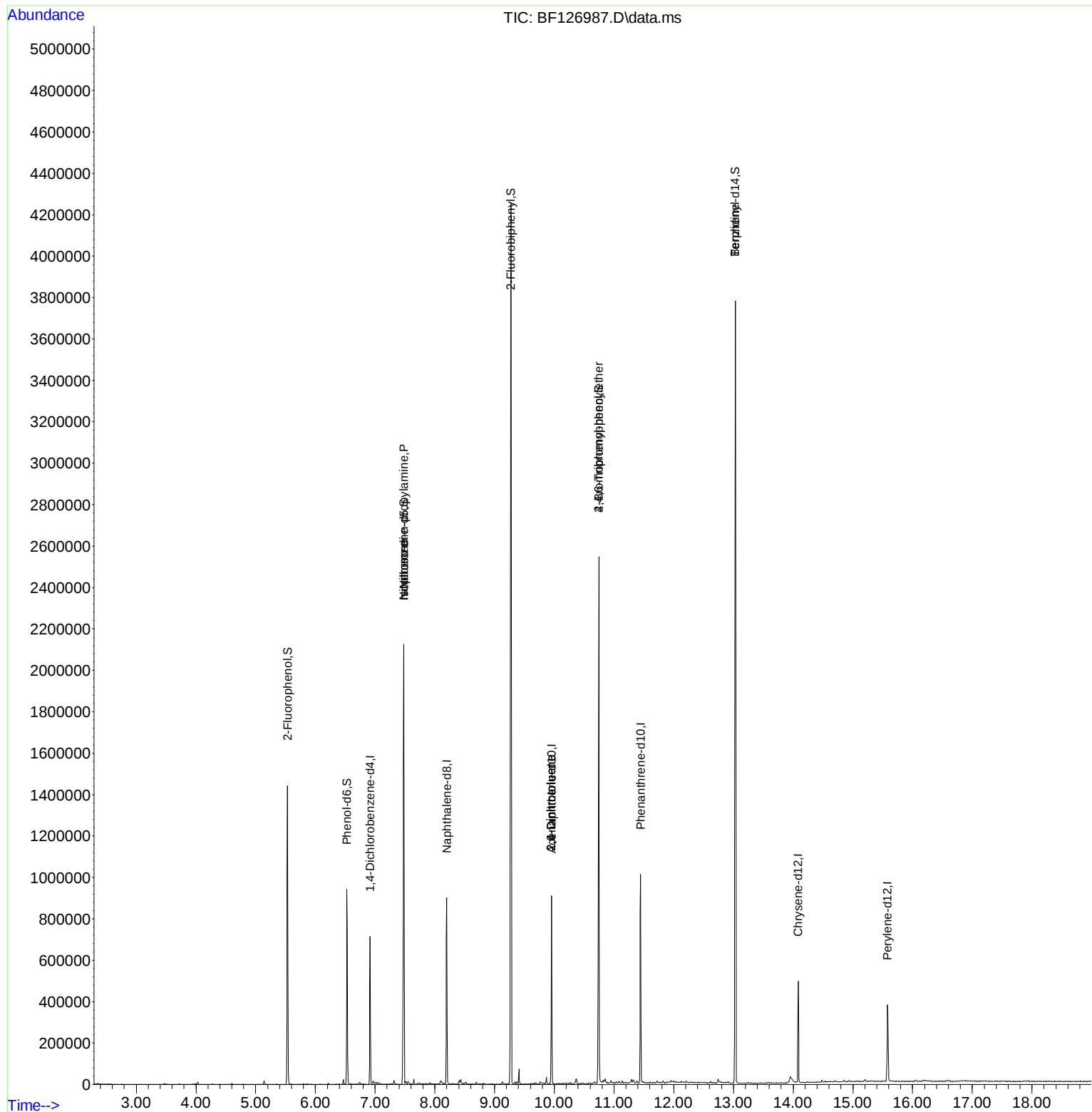
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	85716	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	356497	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	185279	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	323966	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	144932	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	160652	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	316313	57.035	ng	0.00
7) Phenol-d6	6.528	99	273819	36.590	ng	-0.02
23) Nitrobenzene-d5	7.481	82	696671	88.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	268362	125.800	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1194960	94.947	ng	0.00
79) Terphenyl-d14	13.033	244	1253269	127.119	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	95290	19.761	ng	# 80
25) Isophorone	7.481	82	696418	53.287	ng	# 69
51) 2,6-Dinitrotoluene	9.951	165	23635	8.772	ng	# 22
57) 2,4-Dinitrotoluene	9.951	165	23635	6.488	ng	# 15
67) 4-Bromophenyl-phenylether	10.745	248	16130	4.456	ng	# 1
77) Benzidine	13.033	184	18916	4.803	ng	# 93

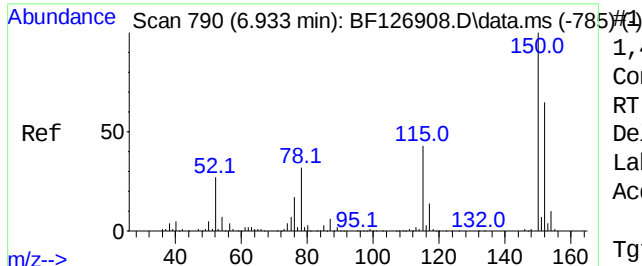
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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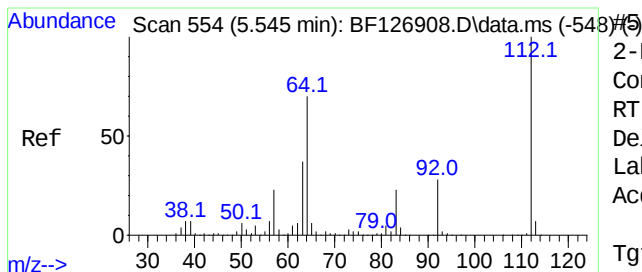
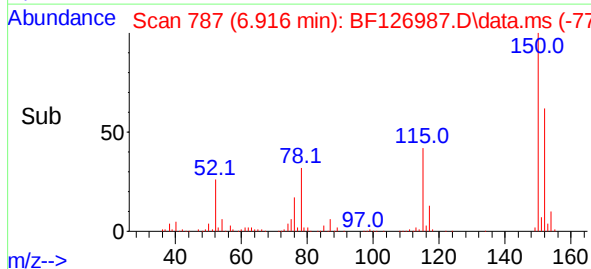
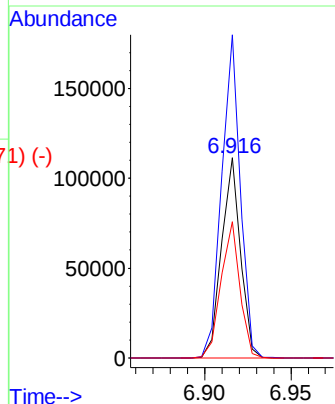
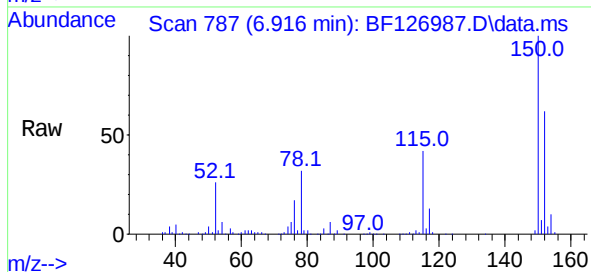




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126987.D
 Acq: 21 Feb 2022 21:44

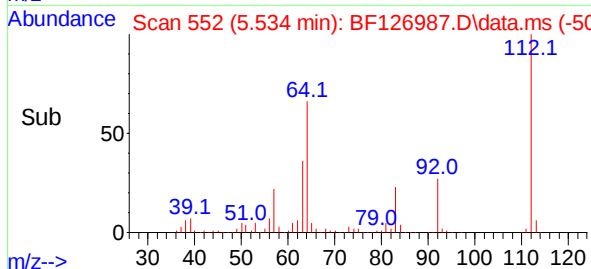
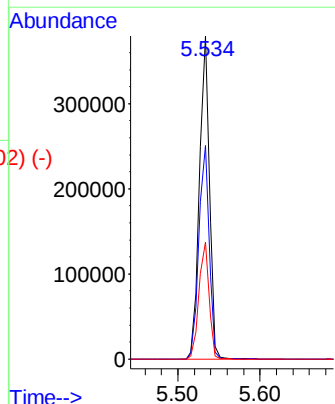
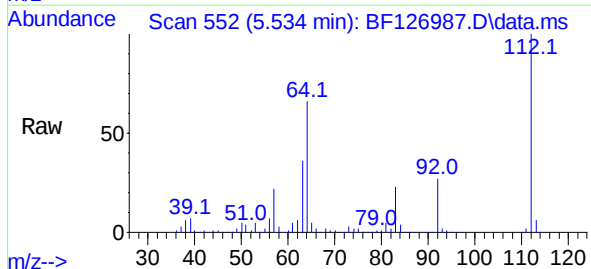
Instrument :
 BNA_F
 ClientSampleId :

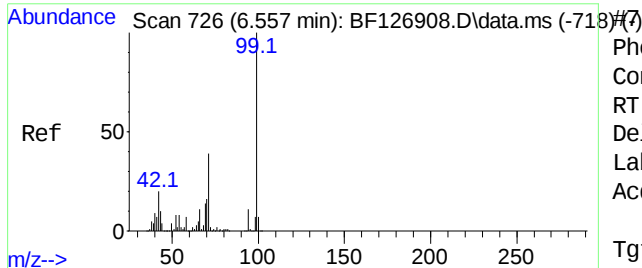
Tgt Ion:152 Resp: 85716
 Ion Ratio Lower Upper
 152 100
 150 161.4 128.1 192.1
 115 68.0 56.7 85.1



2-Fluorophenol
 Concen: 57.035 ng
 RT: 5.534 min Scan# 552
 Delta R.T. -0.006 min
 Lab File: BF126987.D
 Acq: 21 Feb 2022 21:44

Tgt Ion:112 Resp: 316313
 Ion Ratio Lower Upper
 112 100
 64 66.2 49.5 74.3
 63 36.2 23.9 35.9#

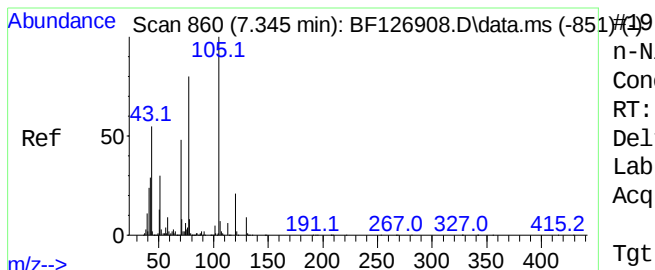
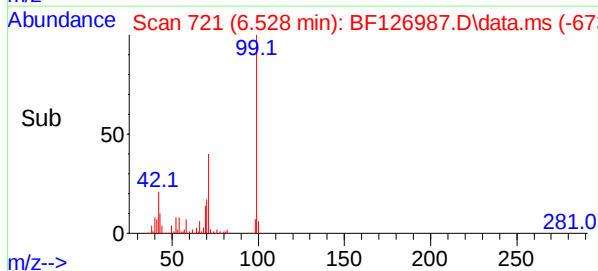
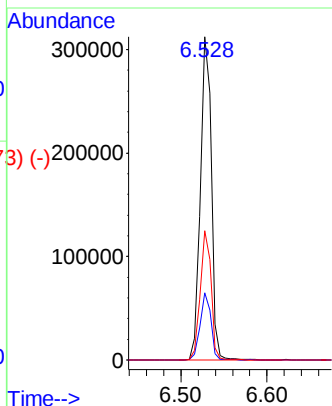
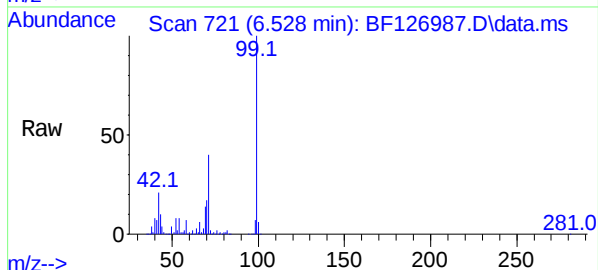




Phenol-d6
 Concen: 36.590 ng
 RT: 6.528 min Scan#
 Delta R.T. -0.018 min
 Lab File: BF126987.D
 Acq: 21 Feb 2022 21:44

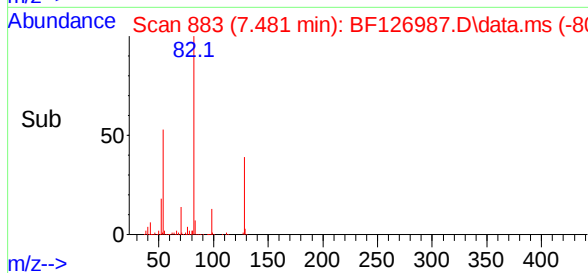
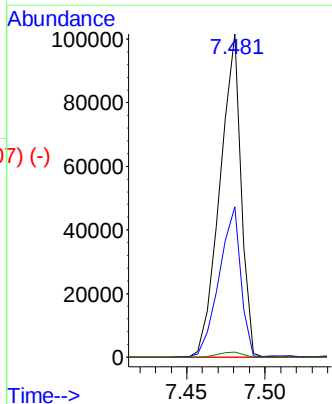
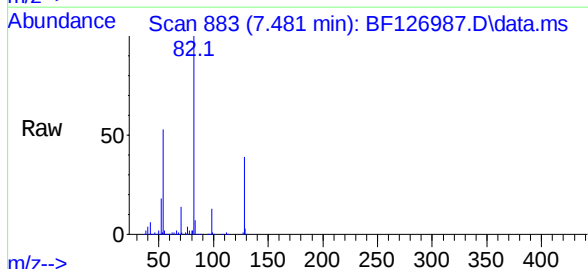
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 99 Resp: 273819
 Ion Ratio Lower Upper
 99 100
 42 20.8 14.2 21.4
 71 40.0 24.3 36.5#



n-Nitroso-di-n-propylamine
 Concen: 19.761 ng
 RT: 7.481 min Scan# 883
 Delta R.T. 0.147 min
 Lab File: BF126987.D
 Acq: 21 Feb 2022 21:44

Tgt Ion: 70 Resp: 95290
 Ion Ratio Lower Upper
 70 100
 42 46.6 45.8 68.8
 101 0.0 6.9 10.3#
 130 1.6 14.4 21.6#



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

Naphthalene-d8

Concen: 20.000 ng

RT: 8.198 min Scan# 1005

Delta R.T. -0.006 min

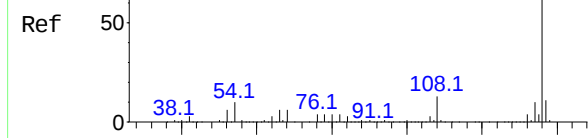
Lab File: BF126987.D

Acq: 21 Feb 2022 21:44

Instrument :

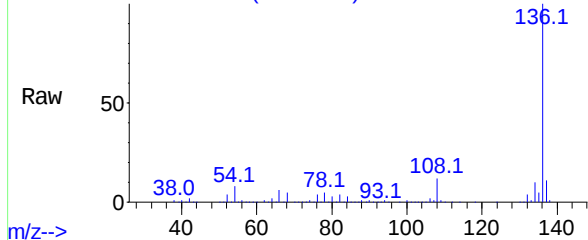
BNA_F

ClientSampleId :



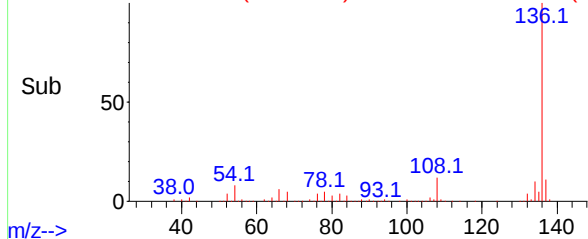
m/z-->

Abundance Scan 1005 (8.198 min): BF126987.D\data.ms



m/z-->

Abundance Scan 1005 (8.198 min): BF126987.D\data.ms (-955) (-)



m/z-->

Tgt Ion:136 Resp: 356497

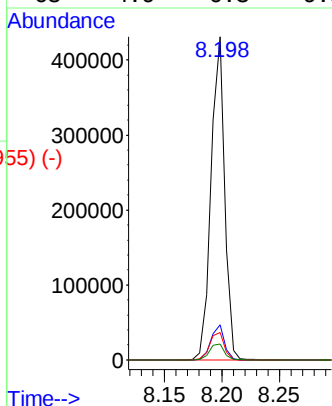
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.4 7.8 11.6

68 4.9 6.3 9.5#



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

Nitrobenzene-d5

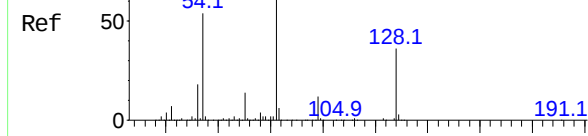
Concen: 88.208 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

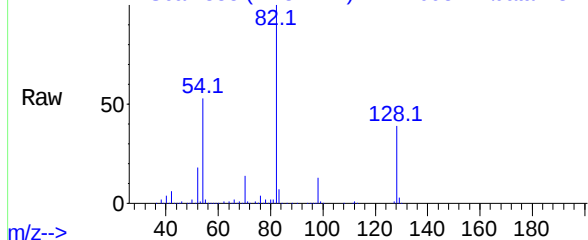
Lab File: BF126987.D

Acq: 21 Feb 2022 21:44



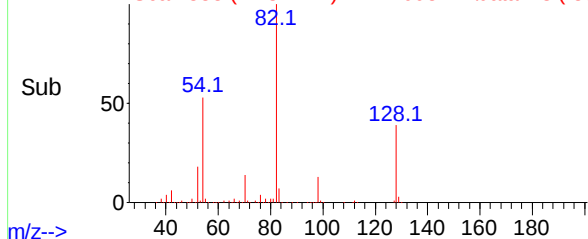
m/z-->

Abundance Scan 883 (7.481 min): BF126987.D\data.ms



m/z-->

Abundance Scan 883 (7.481 min): BF126987.D\data.ms (-834) (-)



m/z-->

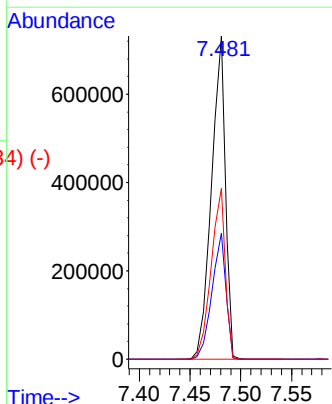
Tgt Ion: 82 Resp: 696671

Ion Ratio Lower Upper

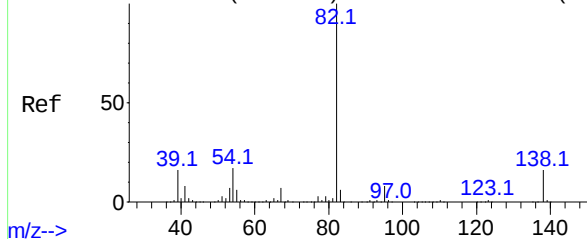
82 100

128 39.0 32.7 49.1

54 53.0 41.7 62.5



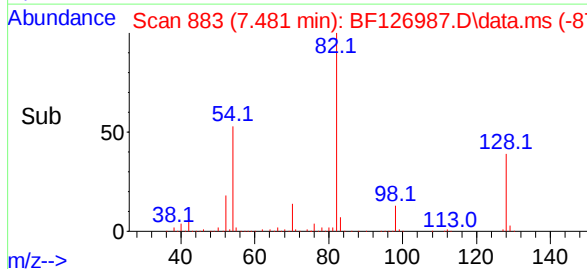
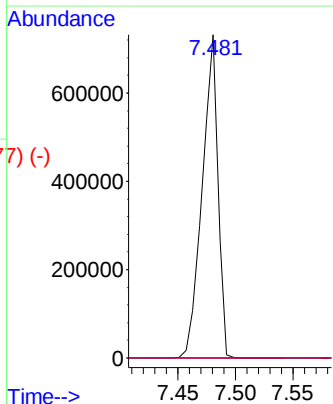
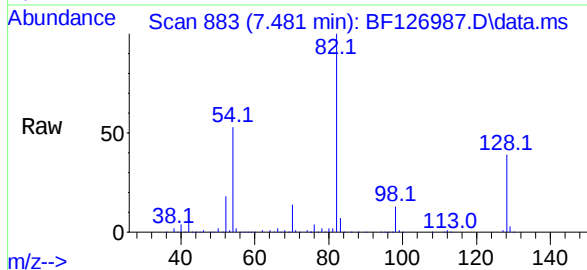
Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25



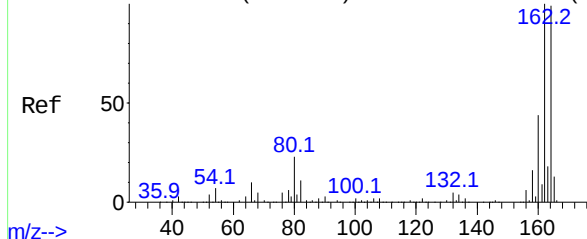
Isophorone
Concen: 53.287 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126987.D
Acq: 21 Feb 2022 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 696418
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

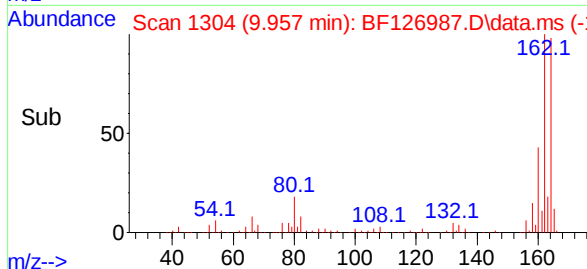
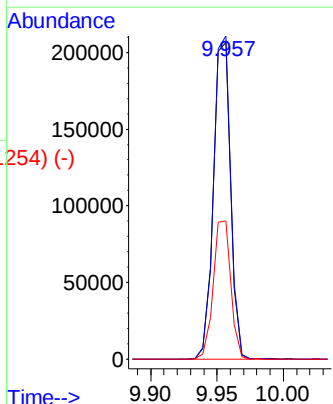
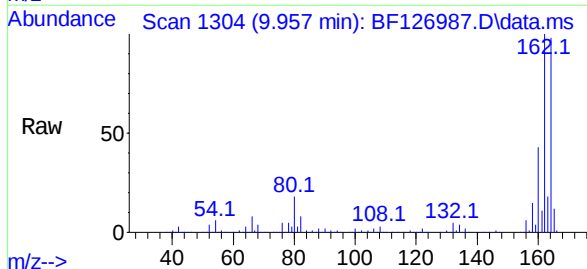


Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1304) #39



Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126987.D
Acq: 21 Feb 2022 21:44

Tgt Ion:164 Resp: 185279
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 43.8 36.6 54.8



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

2,4,6-Tribromophenol

Concen: 125.800 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

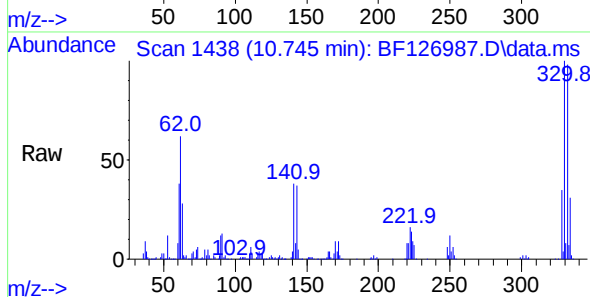
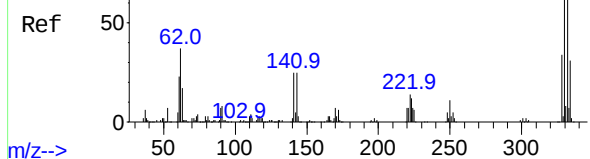
Lab File: BF126987.D

Acq: 21 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :



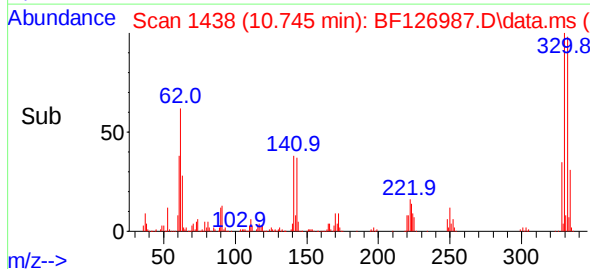
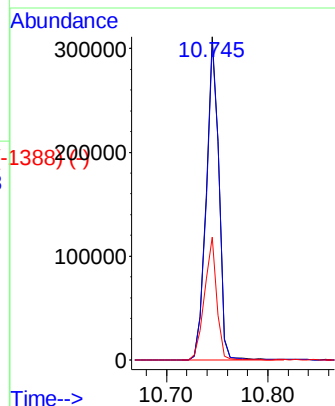
Tgt Ion:330 Resp: 268362

Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

141 36.9 30.1 45.1



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

2-Fluorobiphenyl

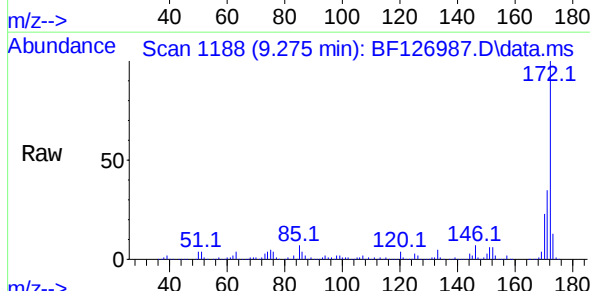
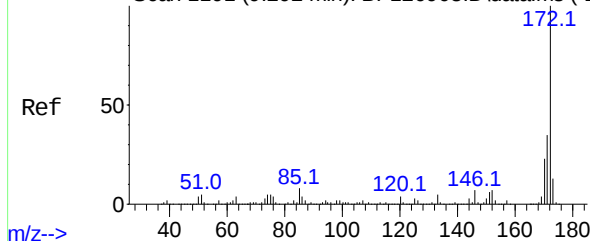
Concen: 94.947 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126987.D

Acq: 21 Feb 2022 21:44



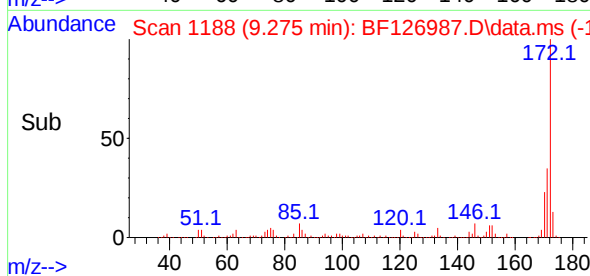
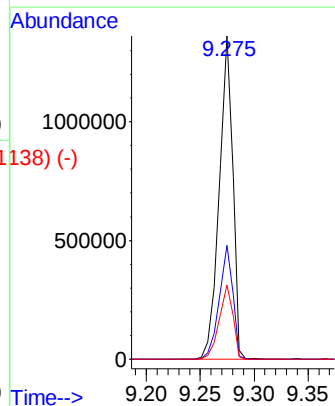
Tgt Ion:172 Resp: 1194960

Ion Ratio Lower Upper

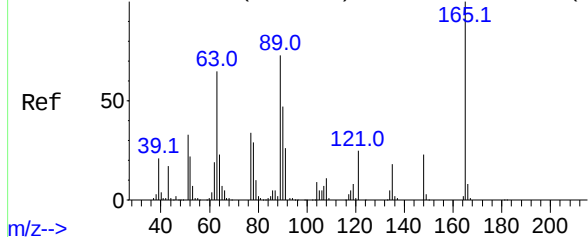
172 100

171 35.2 28.3 42.5

170 23.0 19.0 28.6



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



2,6-Dinitrotoluene

Concen: 8.772 ng

RT: 9.951 min Scan# 1303

Delta R.T. 0.206 min

Lab File: BF126987.D

Acq: 21 Feb 2022 21:44

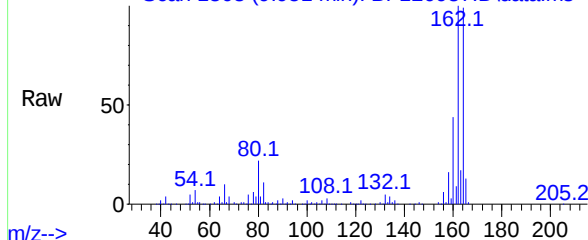
Instrument :

BNA_F

ClientSampleId :

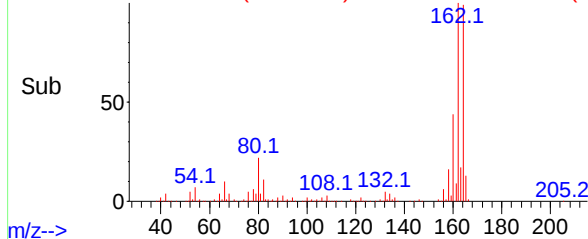
m/z-->

Abundance Scan 1303 (9.951 min): BF126987.D\data.ms



m/z-->

Abundance Scan 1303 (9.951 min): BF126987.D\data.ms (-1217) (-)



m/z-->

Tgt Ion:165 Resp: 23635

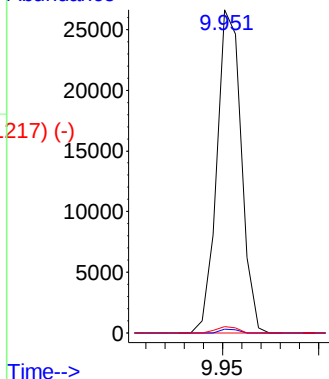
Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

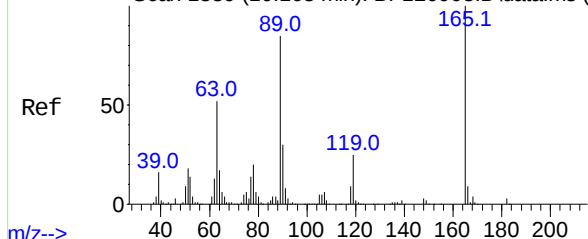
89 1.9 50.5 75.7#

Abundance



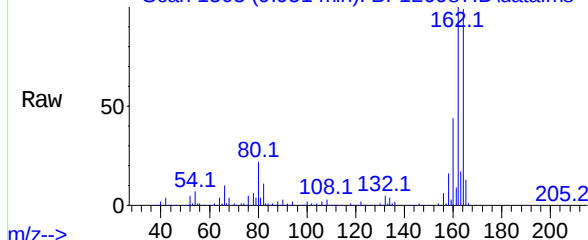
Time-->

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



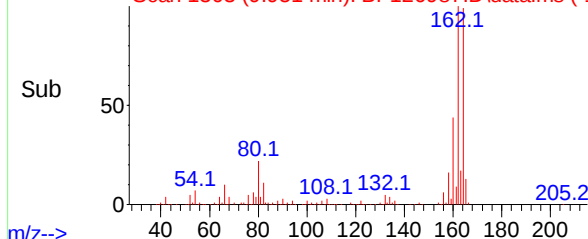
m/z-->

Abundance Scan 1303 (9.951 min): BF126987.D\data.ms



m/z-->

Abundance Scan 1303 (9.951 min): BF126987.D\data.ms (-1286) (-)



m/z-->

2,4-Dinitrotoluene

Concen: 6.488 ng

RT: 9.951 min Scan# 1303

Delta R.T. -0.200 min

Lab File: BF126987.D

Acq: 21 Feb 2022 21:44

Tgt Ion:165 Resp: 23635

Ion Ratio Lower Upper

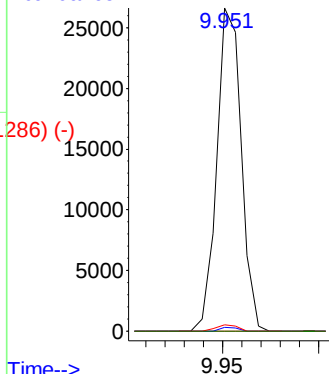
165 100

63 1.2 43.0 64.6#

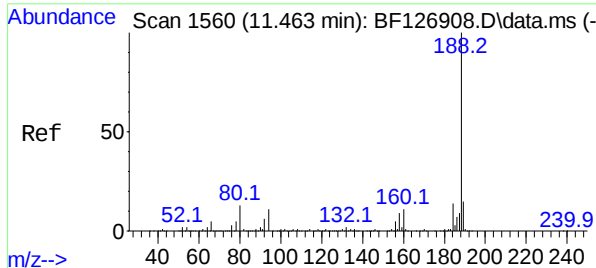
89 1.9 71.0 106.4#

182 0.0 1.6 2.4#

Abundance



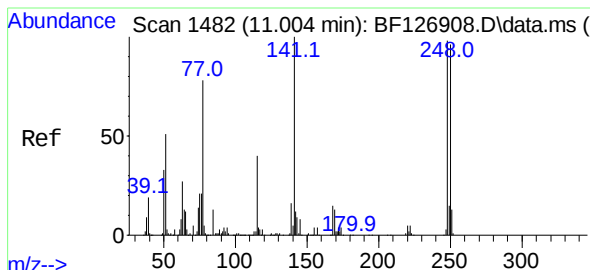
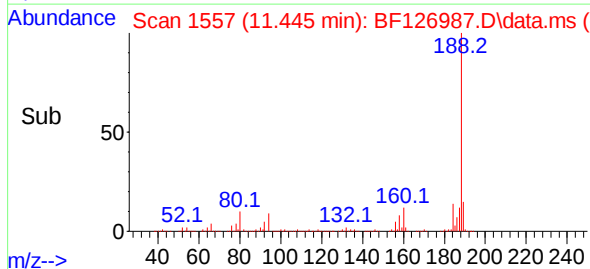
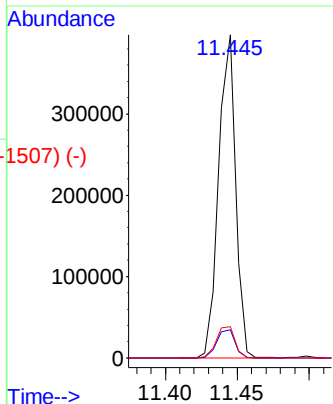
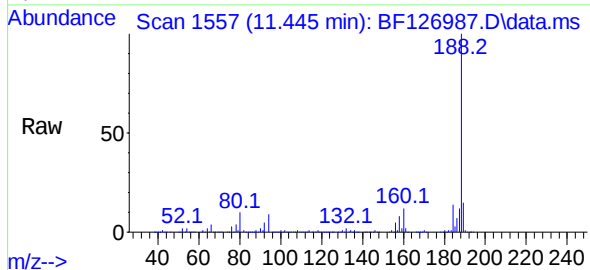
Time-->



Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1560
 Delta R.T. -0.006 min
 Lab File: BF126987.D
 Acq: 21 Feb 2022 21:44

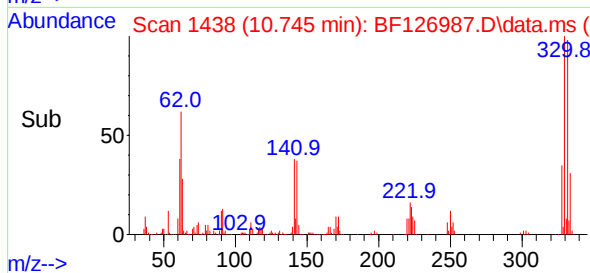
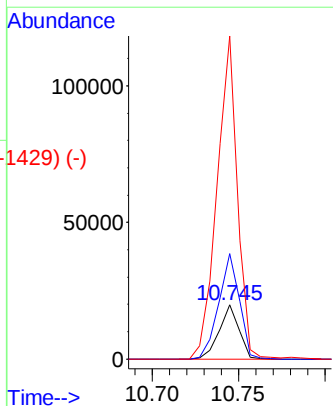
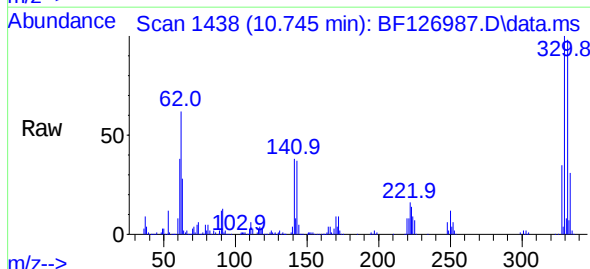
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	188	Resp:	323966
Ion	Ratio	Lower	Upper
188	100		
94	8.7	10.1	15.1#
80	9.7	11.8	17.6#

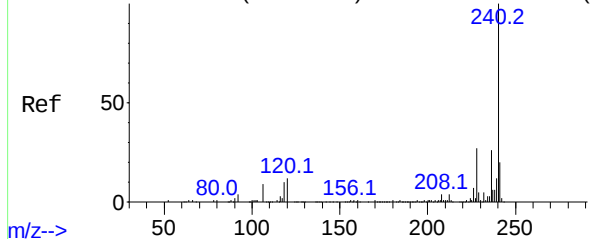


4-Bromophenyl-phenylether
 Concen: 4.456 ng
 RT: 10.745 min Scan# 1438
 Delta R.T. -0.247 min
 Lab File: BF126987.D
 Acq: 21 Feb 2022 21:44

Tgt Ion:	248	Resp:	16130
Ion	Ratio	Lower	Upper
248	100		
250	194.7	76.2	114.4#
141	595.2	66.2	99.4#



Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-2074) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126987.D

Acq: 21 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

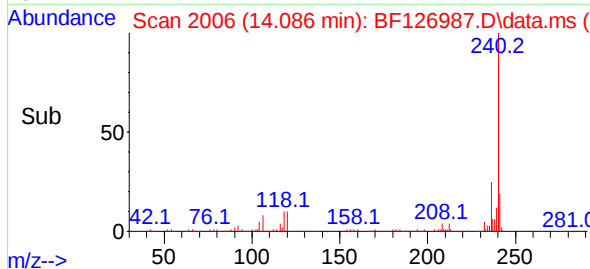
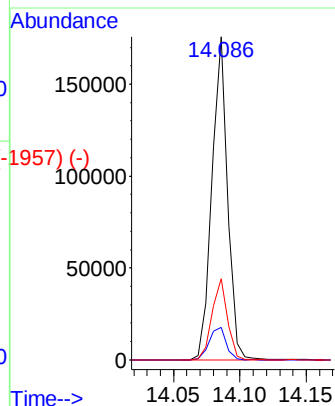
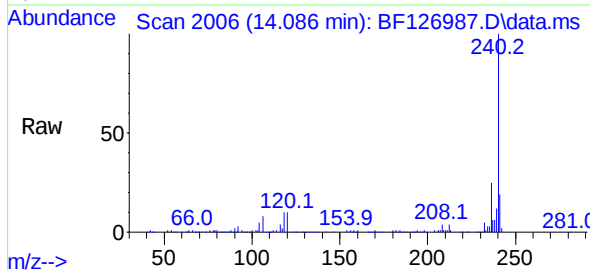
Tgt Ion:240 Resp: 144932

Ion Ratio Lower Upper

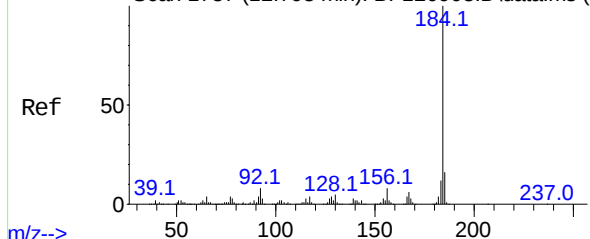
240 100

120 10.0 14.4 21.6#

236 25.1 20.5 30.7



Abundance Scan 1787 (12.798 min): BF126908.D\data.ms (-1757) (-)



Benzidine

Concen: 4.803 ng

RT: 13.033 min Scan# 1827

Delta R.T. 0.247 min

Lab File: BF126987.D

Acq: 21 Feb 2022 21:44

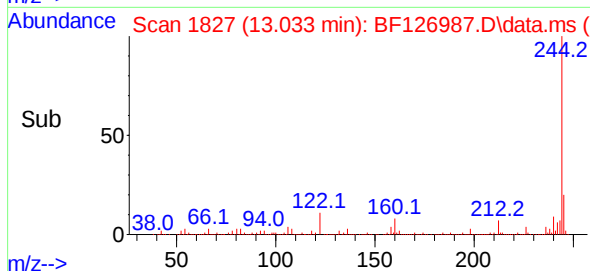
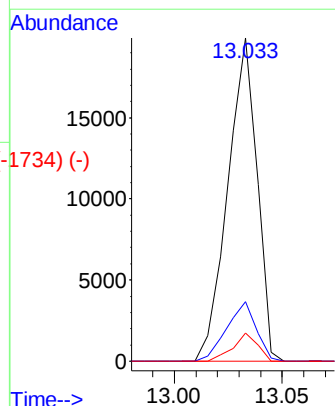
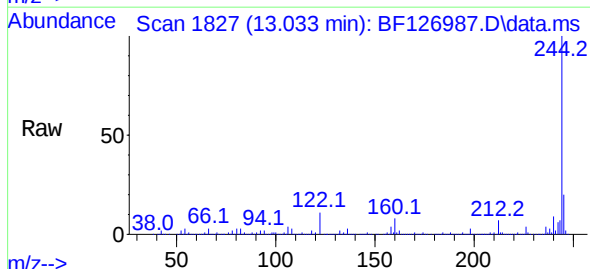
Tgt Ion:184 Resp: 18916

Ion Ratio Lower Upper

184 100

185 18.3 11.8 17.8#

183 8.7 8.2 12.2



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

Terphenyl-d14

Concen: 127.119 ng

RT: 13.033 min Scan#

Delta R.T. -0.006 min

Lab File: BF126987.D

Acq: 21 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:244 Resp: 1253269

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 11.2 13.3 19.9#

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

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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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Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1827 (13.033 min): BF126987.D\data.ms (-1777) (-)

m/z-->

Abundance

13.033

1000000

500000

0

Time-->

13.00 13.10

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: BF126987.D

Acq: 21 Feb 2022 21:44

Tgt Ion:264 Resp: 160652

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.1 17.4 26.2

Abundance Scan 2260 (15.580 min): BF126987.D\data.ms

m/z-->

Abundance Scan 2260 (15.580 min): BF126987.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126987.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126987.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126987.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126987.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126987.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126987.D\data.ms (-2211) (-)

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 2260 (15.580 min): BF126987.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126987.D\data.ms (-2211) (-)

m/z-->

Abundance

15.580

100000

50000

0

Time-->

15.55 15.60