

Data Path : Z:\HPCHEM1\BNA F\Data\BF051916\
 Data File : BF087200.D
 Acq On : 19 May 2016 21:35
 Operator : UM/SJ
 Sample : H3115-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-002RE

Quant Time: May 20 03:42:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:23:56 2016
 Response via : Initial Calibration

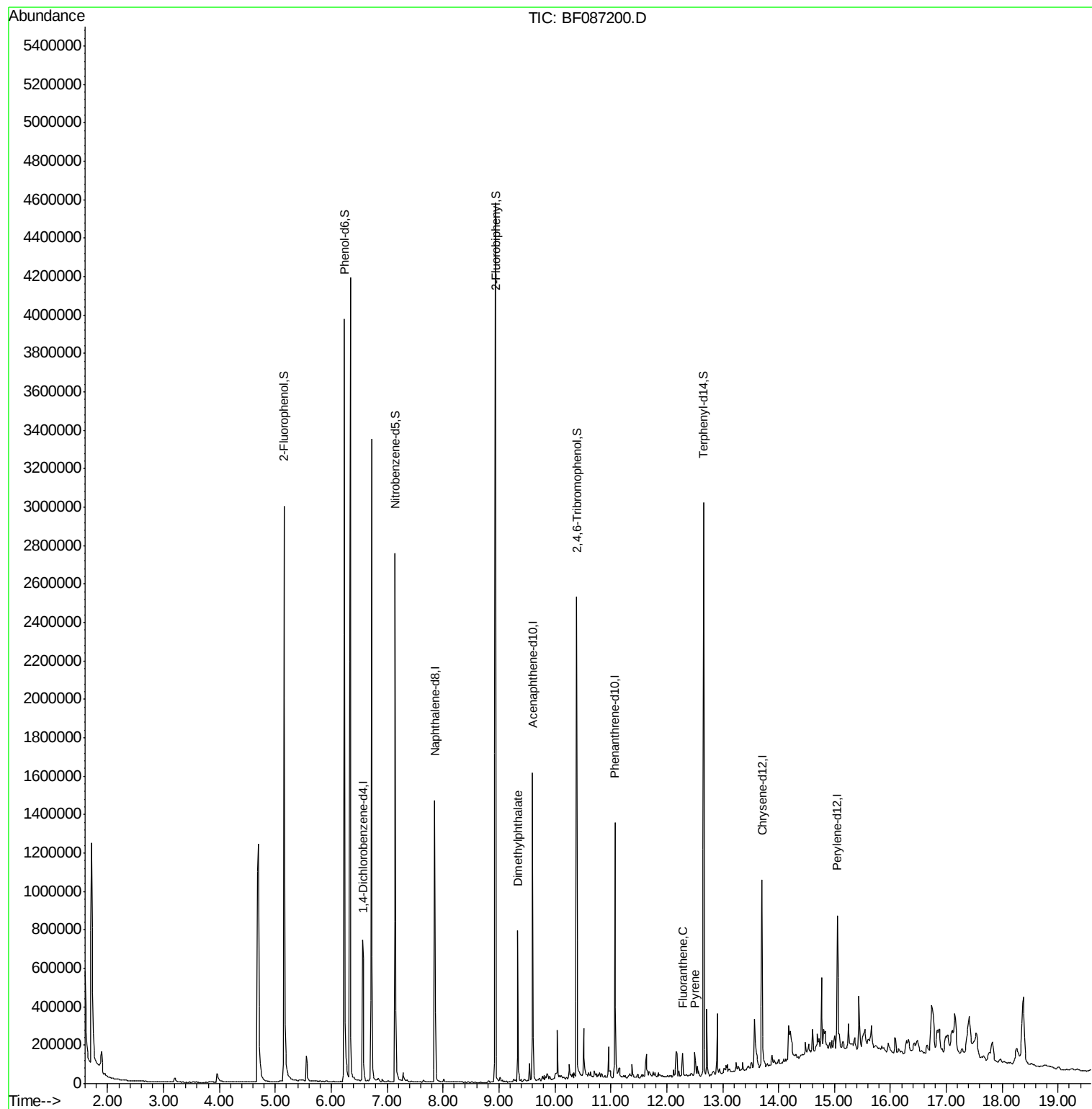
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	148143	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	619416	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	285387	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	462972	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	313718	20.00	ng	-0.01
86) Perylene-d12	15.05	264	299957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1001467	113.63	ng	0.01
7) Phenol-d6	6.24	99	1470153	124.37	ng	0.00
23) Nitrobenzene-d5	7.14	82	901852	72.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	293618	93.10	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1401319	81.32	ng	0.00
78) Terphenyl-d14	12.66	244	905661	65.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.34	163	274787	12.62	ng	99
74) Fluoranthene	12.29	202	50927	2.02	ng	92
77) Pyrene	12.50	202	58194	2.57	ng	95

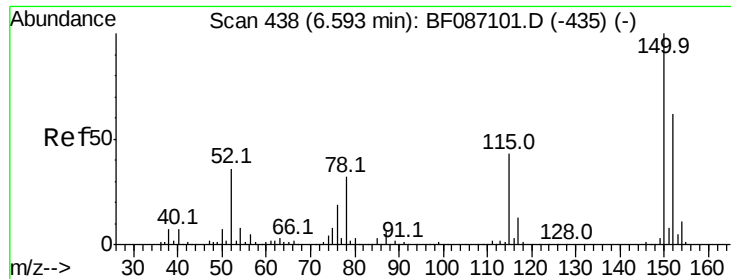
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF087200.D

Acq: 19 May 2016 21:35

Instrument :

BNA_F

ClientSampleId :

NC-TS-002RE

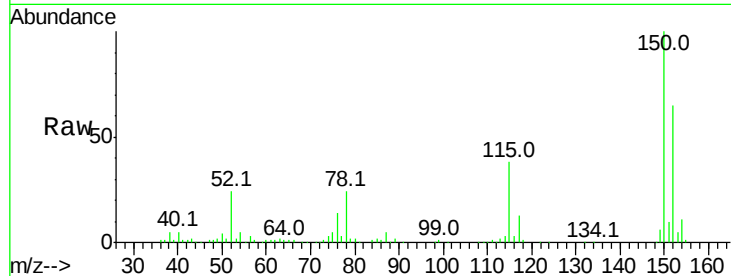
Tot Ion:152 Resp: 148143

Ion Ratio Lower Upper

152 100

150 152.8 125.8 188.6

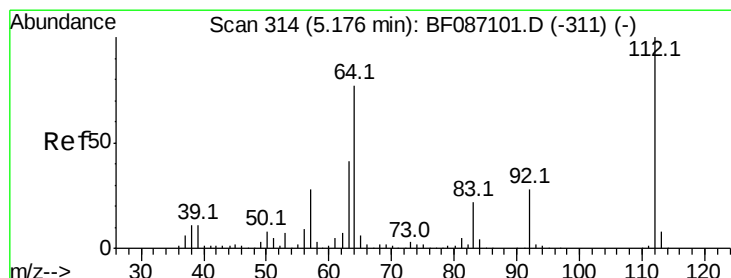
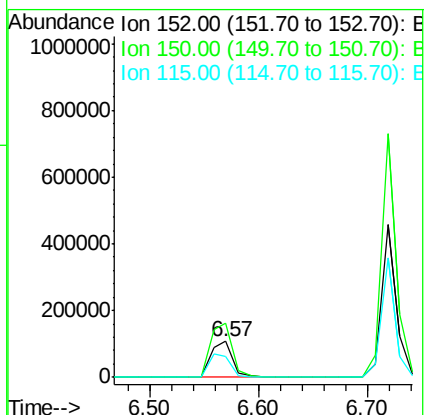
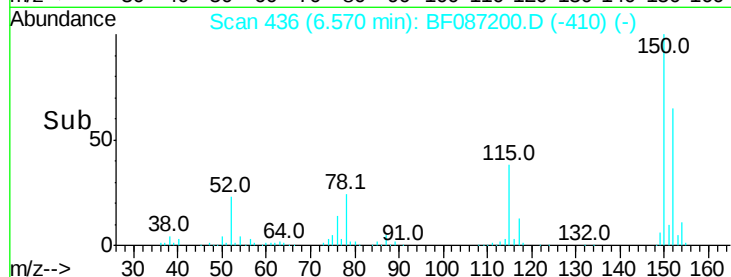
115 57.6 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 113.63 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF087200.D

Acq: 19 May 2016 21:35

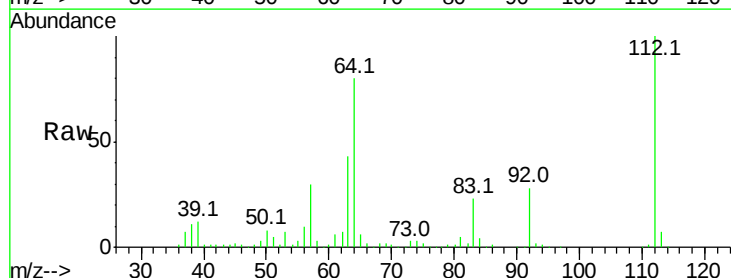
Tgt Ion:112 Resp: 1001467

Ion Ratio Lower Upper

112 100

64 80.0 52.1 78.1#

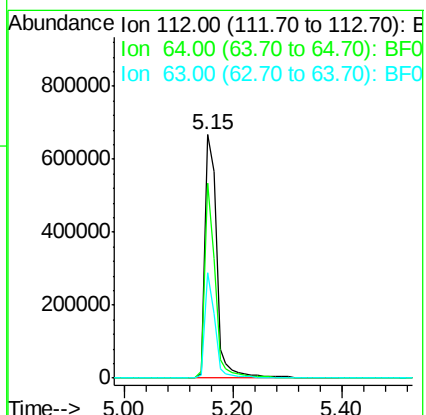
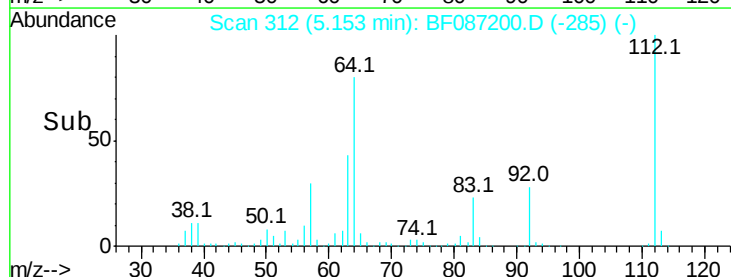
63 43.4 25.7 38.5#

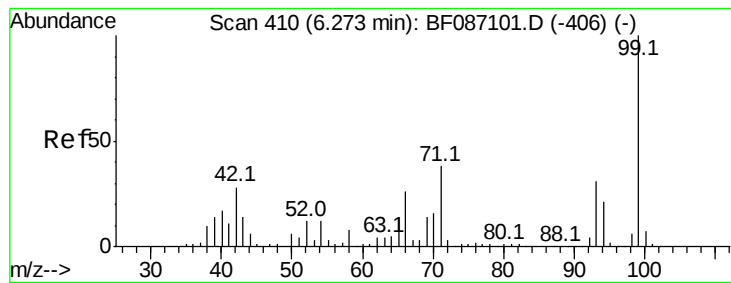


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.37 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF087200.D

Acq: 19 May 2016 21:35

Instrument :

BNA_F

ClientSampleId :

NC-TS-002RE

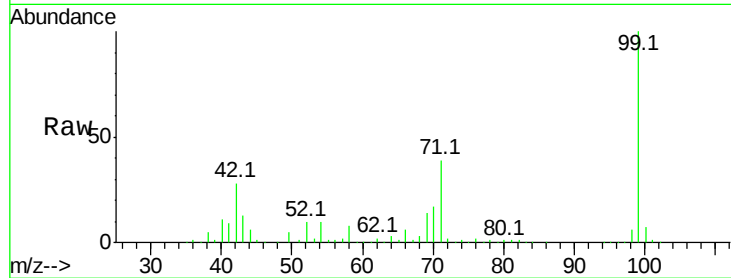
Tot Ion: 99 Resp: 1470153

Ion Ratio Lower Upper

99 100

42 27.5 13.6 20.4#

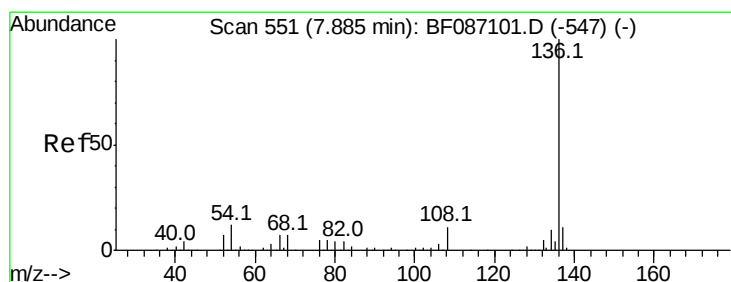
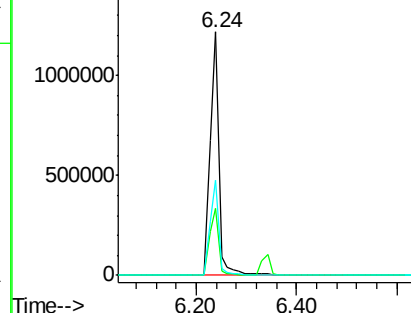
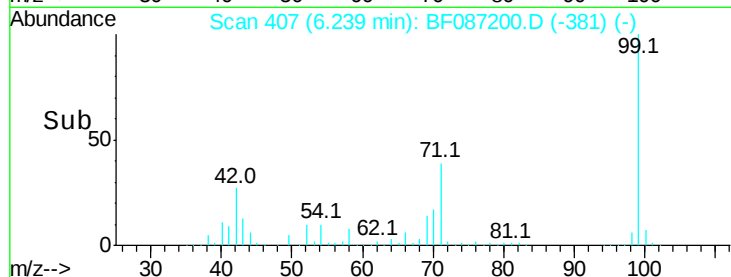
71 38.9 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF087200.D

Acq: 19 May 2016 21:35

Tgt Ion: 136 Resp: 619416

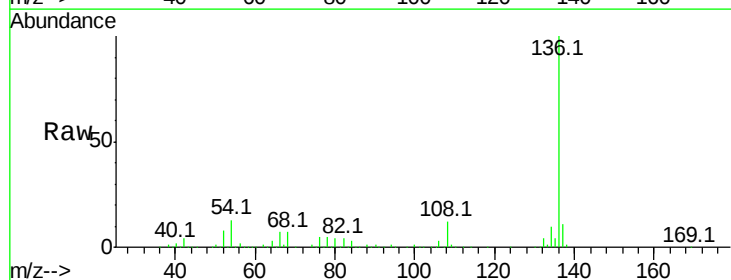
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 13.2 5.0 7.4#

68 6.9 4.4 6.6#

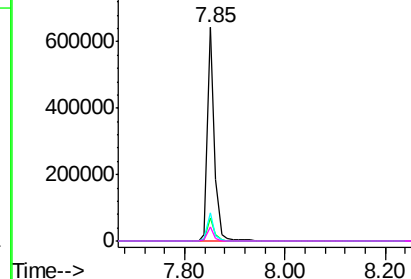
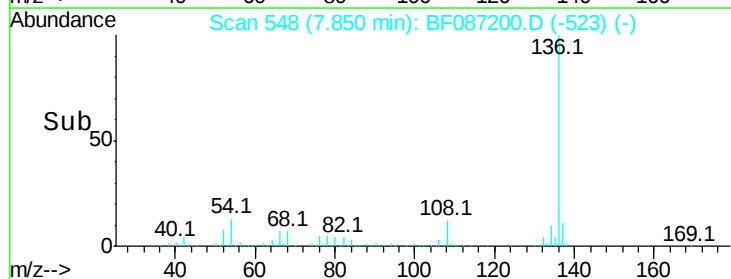


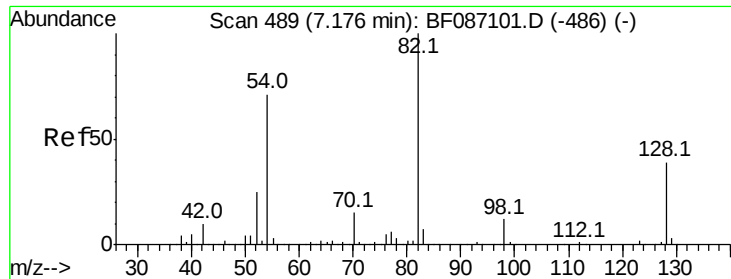
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

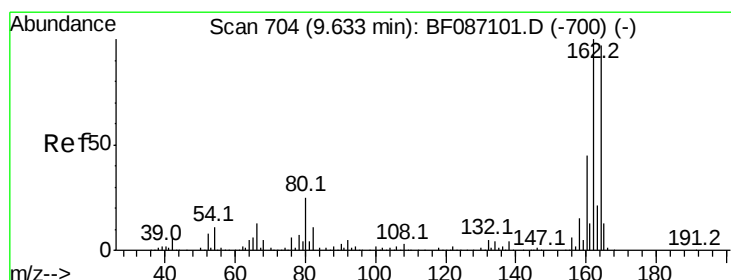
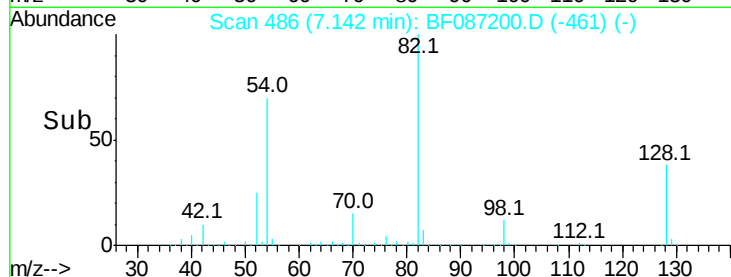
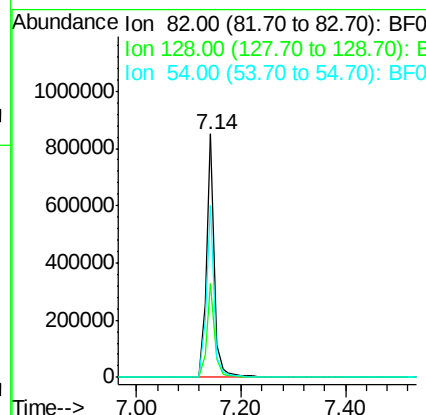
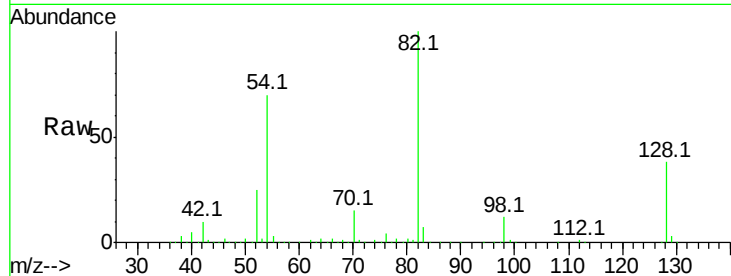




#23
 Nitrobenzene-d5
 Concen: 72.56 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF087200.D
 Acq: 19 May 2016 21:35

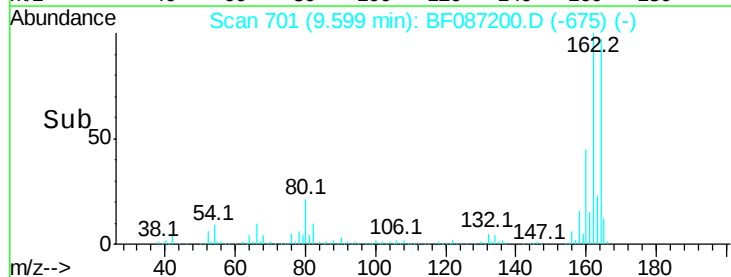
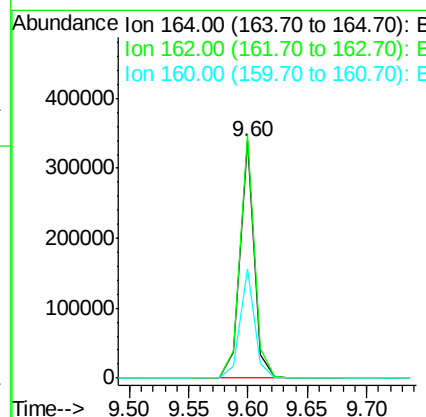
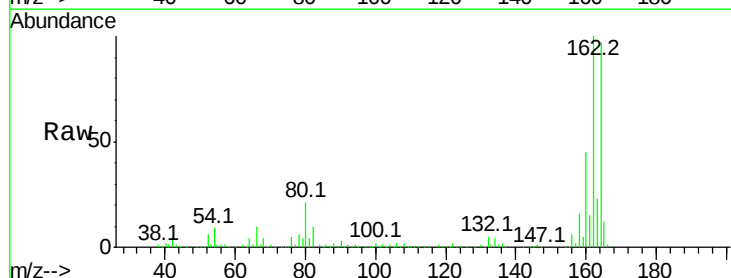
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-002RE

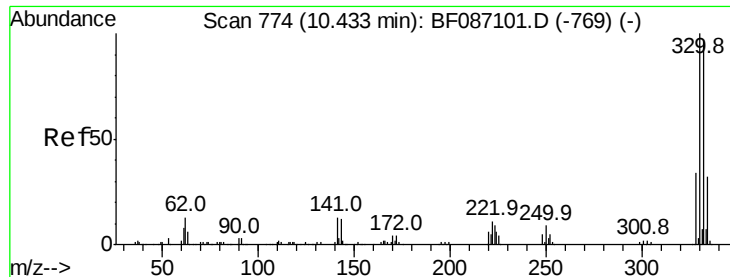
Tot Ion: 82 Resp: 901852
 Ion Ratio Lower Upper
 82 100
 128 38.5 40.6 61.0#
 54 70.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF087200.D
 Acq: 19 May 2016 21:35

Tgt Ion:164 Resp: 285387
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 46.4 36.9 55.3

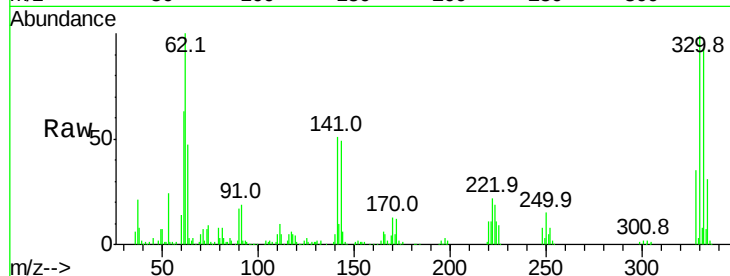




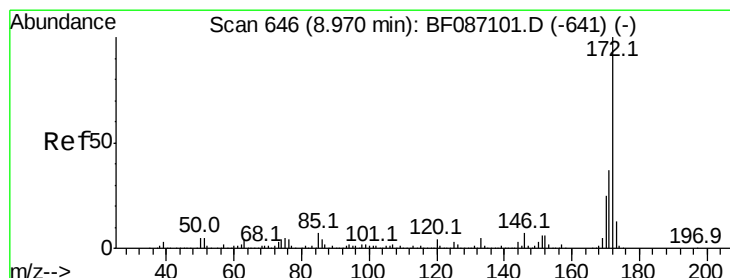
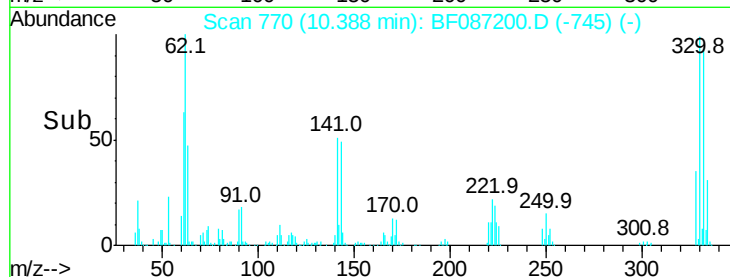
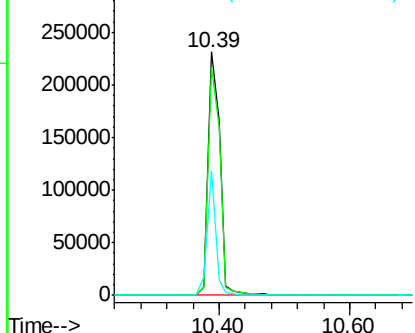
#41
 2,4,6-Tribromophenol
 Concen: 93.10 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF087200.D
 Acq: 19 May 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-002RE

Tot Ion:330 Resp: 293618
 Ion Ratio Lower Upper
 330 100
 332 94.8 79.0 118.4
 141 37.0 31.2 46.8

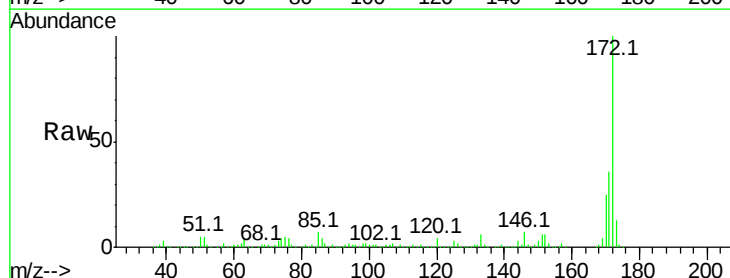


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

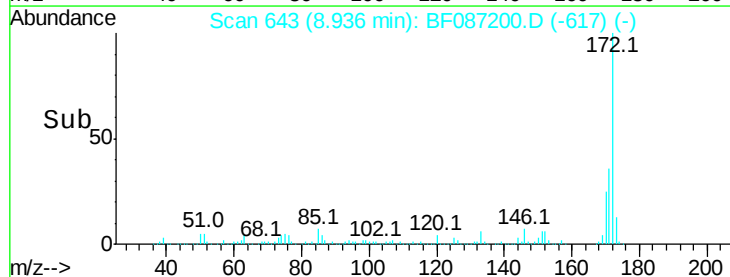
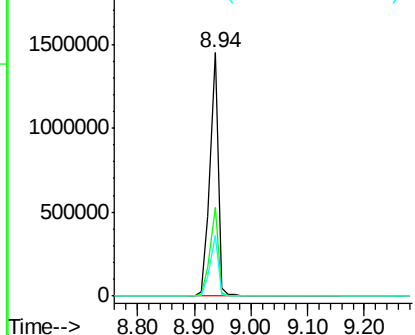


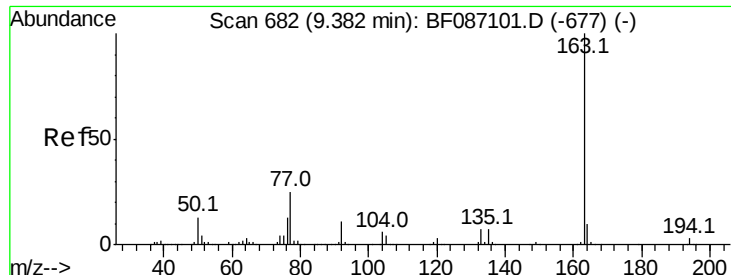
#44
 2-Fluorobiphenyl
 Concen: 81.32 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF087200.D
 Acq: 19 May 2016 21:35

Tgt Ion:172 Resp: 1401319
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 12.62 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF087200.D

Acq: 19 May 2016 21:35

Instrument :

BNA_F

ClientSampleId :

NC-TS-002RE

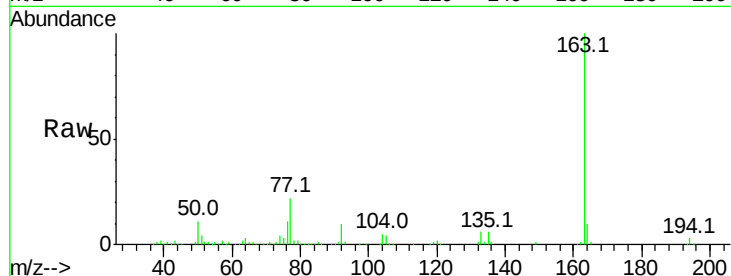
Tot Ion:163 Resp: 274787

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

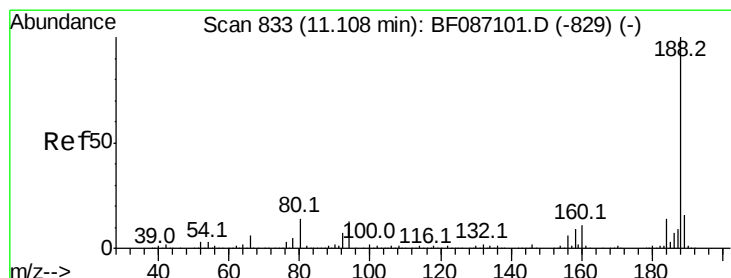
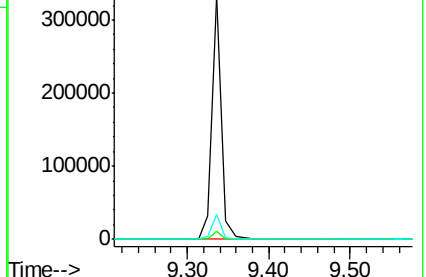
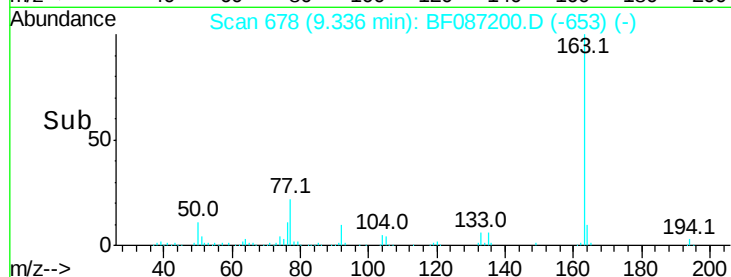
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF087200.D

Acq: 19 May 2016 21:35

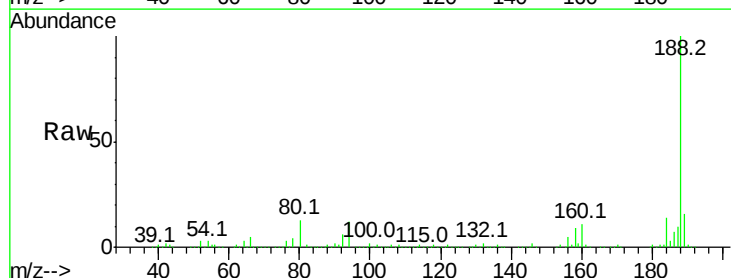
Tgt Ion:188 Resp: 462972

Ion Ratio Lower Upper

188 100

94 11.9 6.8 10.2#

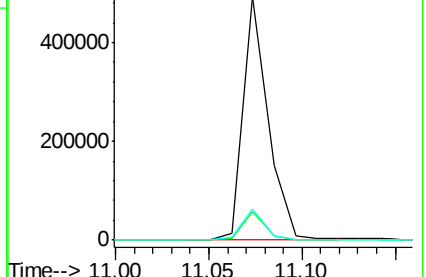
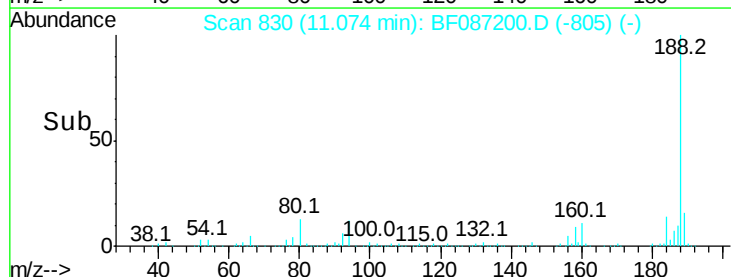
80 13.0 7.1 10.7#

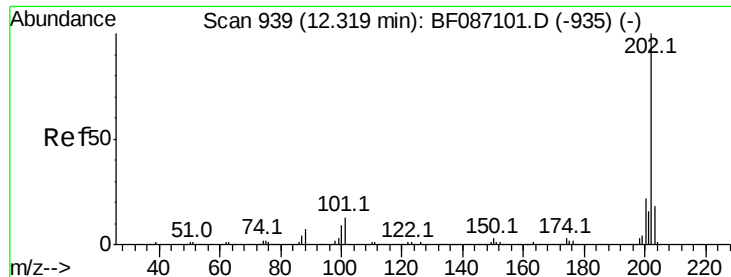


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.02 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF087200.D

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NC-TS-002RE

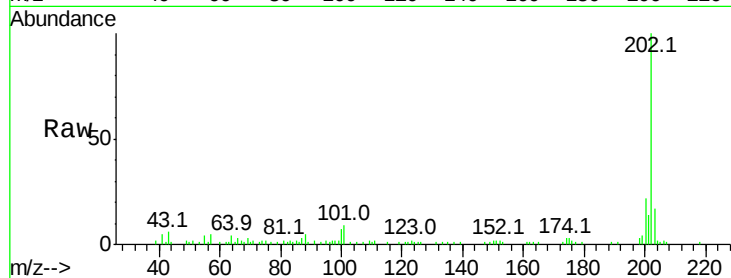
Tot Ion:202 Resp: 50927

Ion Ratio Lower Upper

202 100

101 9.2 0.0 35.4

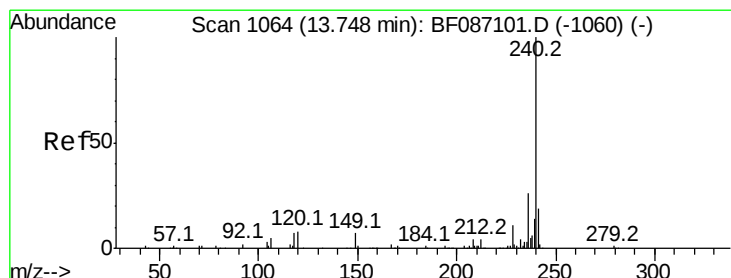
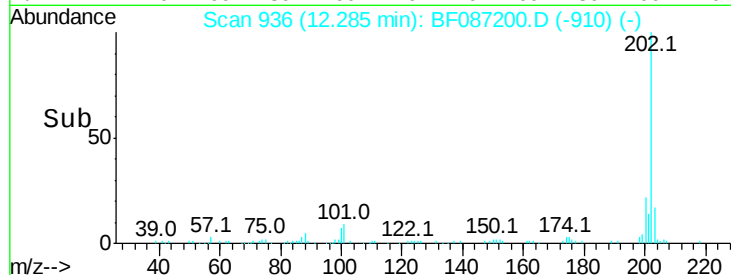
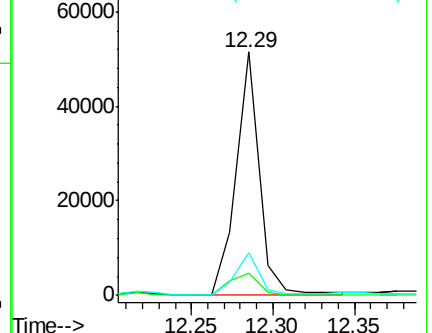
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF087200.D

Acq: 19 May 2016 21:35

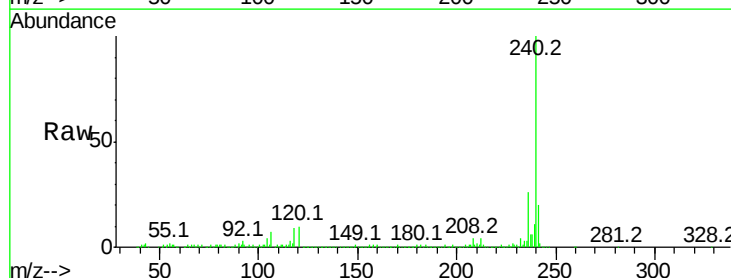
Tgt Ion:240 Resp: 313718

Ion Ratio Lower Upper

240 100

120 10.5 11.2 16.8#

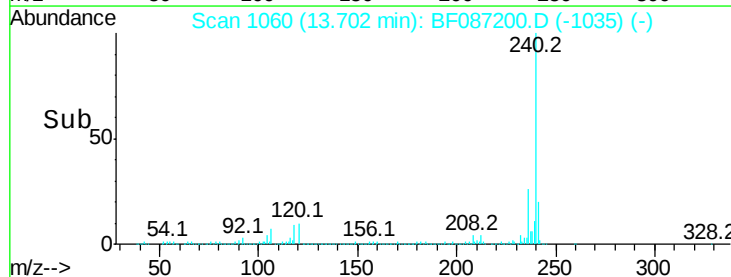
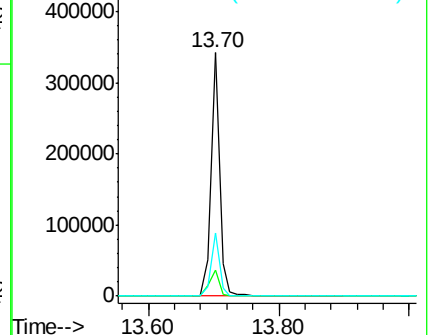
236 25.9 21.2 31.8

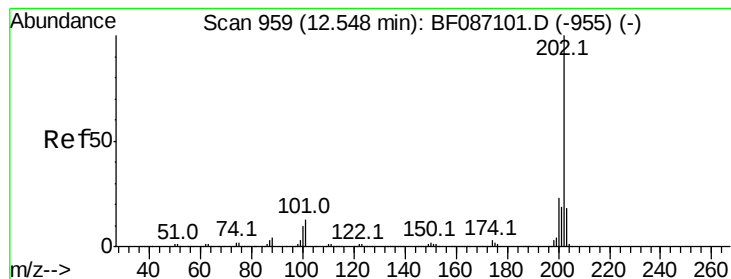


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.57 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF087200.D

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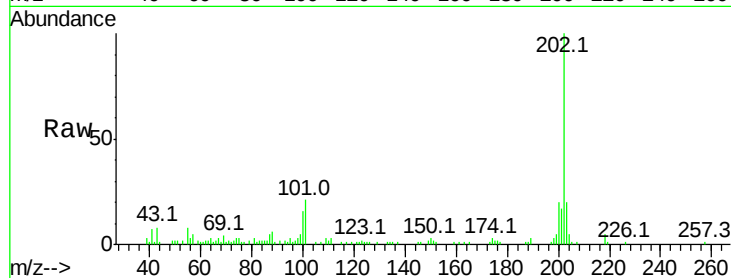
Tot Ion:202 Resp: 58194

Ion Ratio Lower Upper

202 100

200 20.0 17.7 26.5

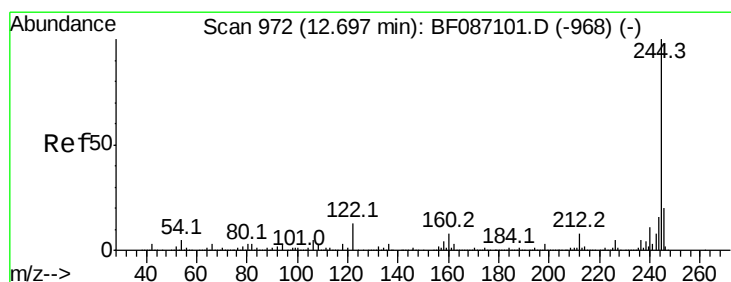
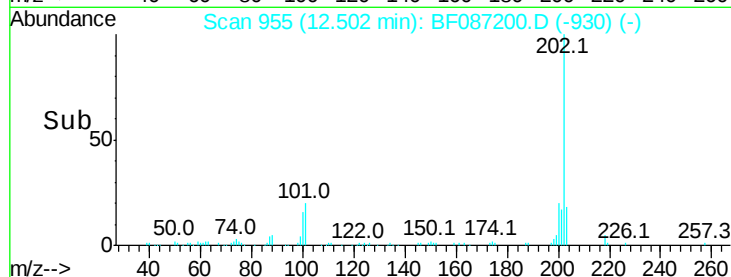
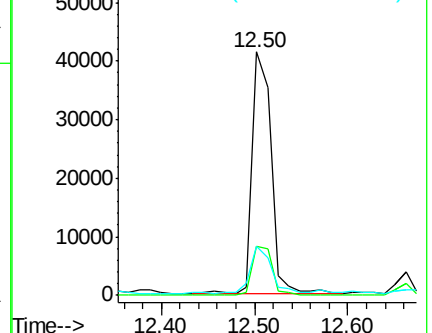
203 20.2 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.30 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF087200.D

Acq: 19 May 2016 21:35

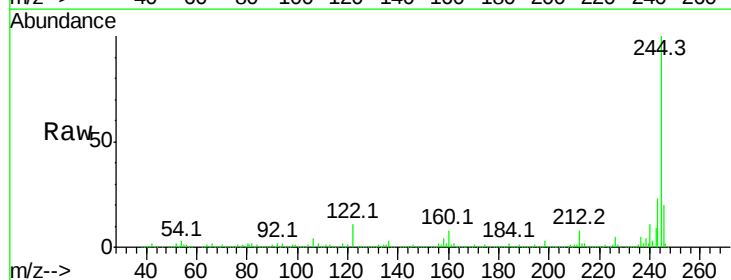
Tgt Ion:244 Resp: 905661

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

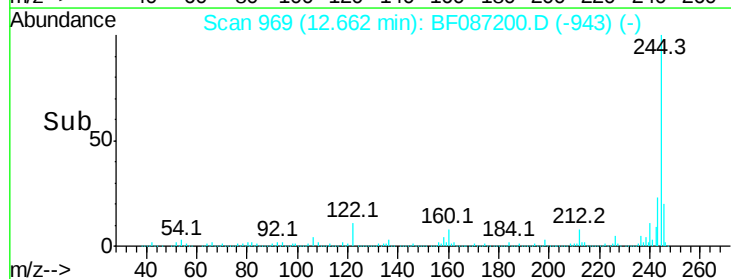
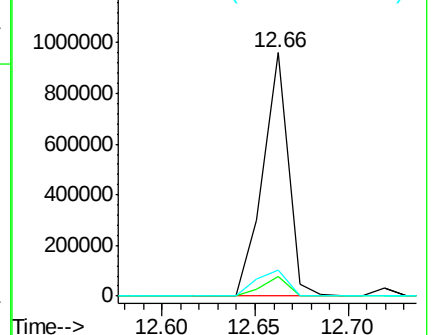
122 10.8 12.0 18.0#

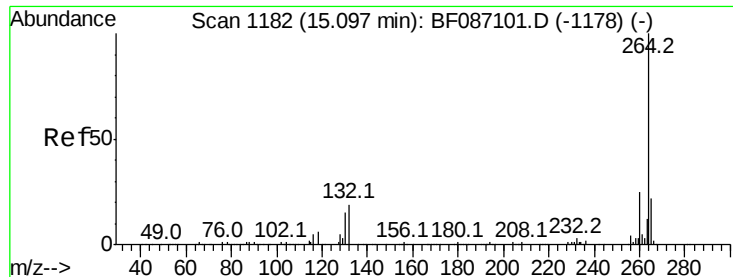


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

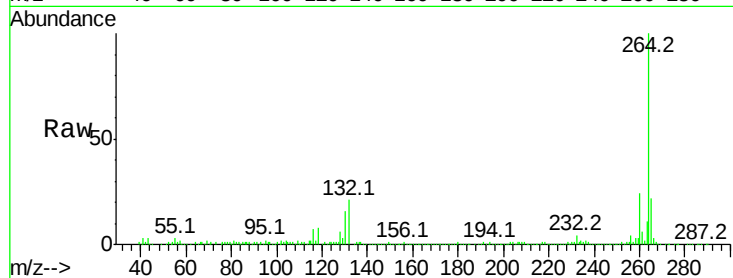




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087200.D
Acq: 19 May 2016 21:35

Instrument :
BNA_F
ClientSampleId :
NC-TS-002RE

Tot Ion:	264	Resp:	299957
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.0	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

