

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087276.D
 Acq On : 21 May 2016 16:51
 Operator : UM/SJ
 Sample : H3168-20
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Quant Time: May 23 02:02:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:56:40 2016
 Response via : Initial Calibration

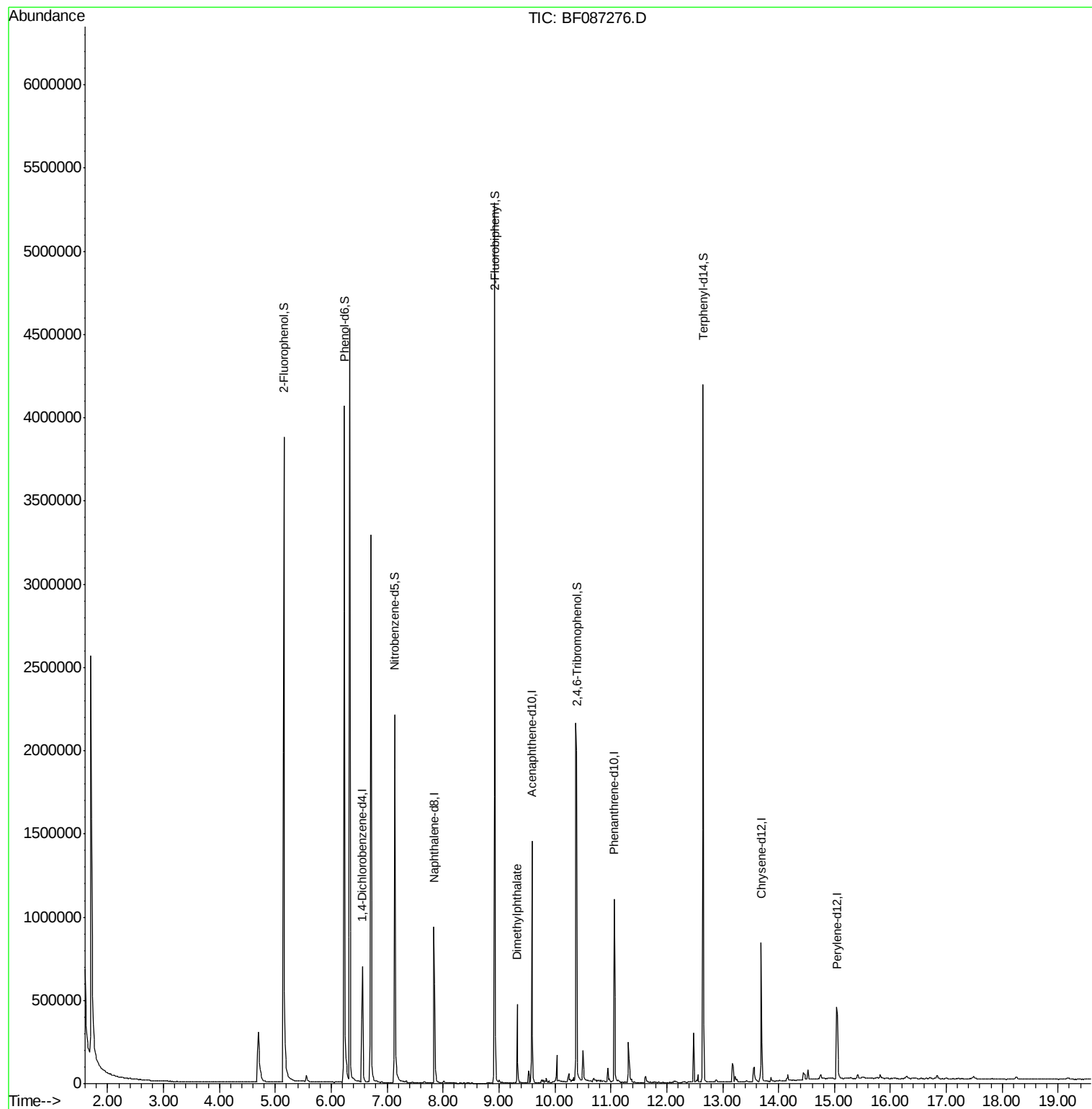
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	122356	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	536500	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	261149	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	439774	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	289289	20.00	ng	-0.01
86) Perylene-d12	15.05	264	236718	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1166755	160.28	ng	0.02
7) Phenol-d6	6.24	99	1603746	164.26	ng	0.01
23) Nitrobenzene-d5	7.13	82	1005056	93.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	391824	135.78	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1546101	98.05	ng	0.00
78) Terphenyl-d14	12.65	244	1286667	100.61	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.32	163	174856	8.78	ng	Qvalue 99

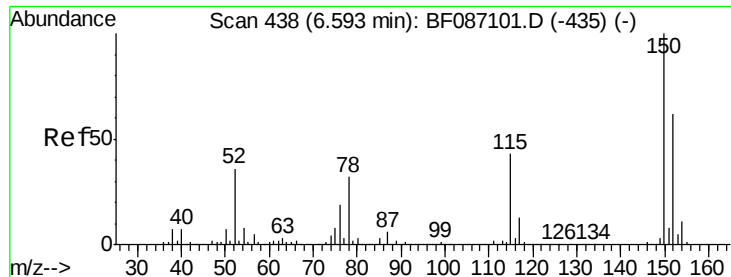
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 23 01:56:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

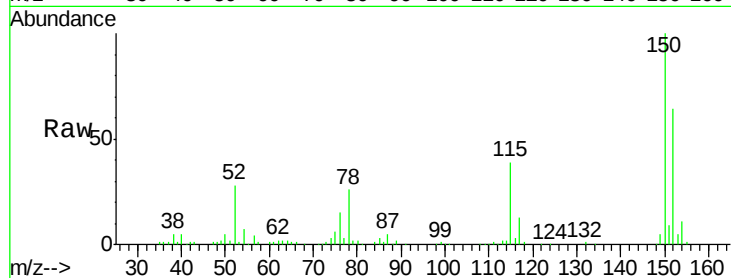
Tot Ion:152 Resp: 122356

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.6

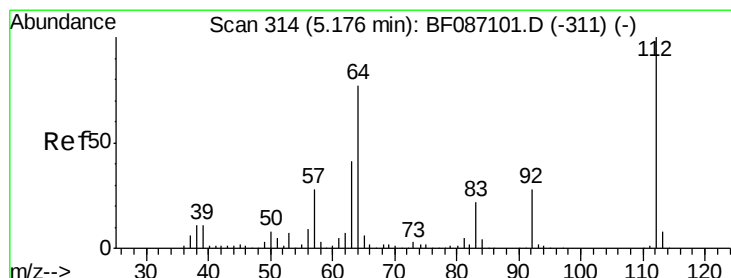
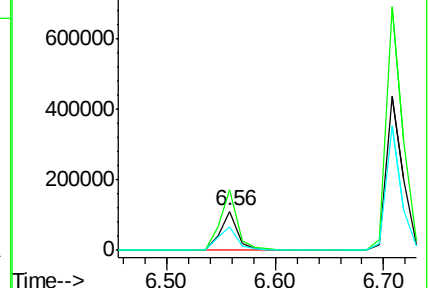
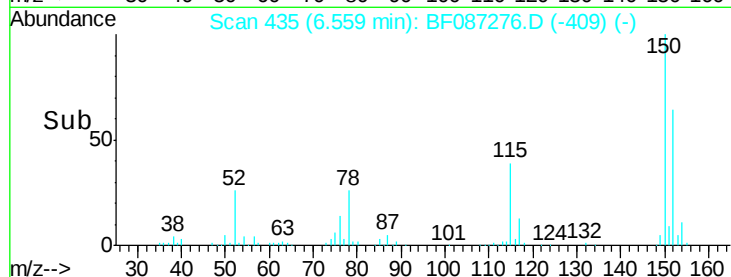
115 61.0 51.5 77.3



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: 160.28 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.02 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

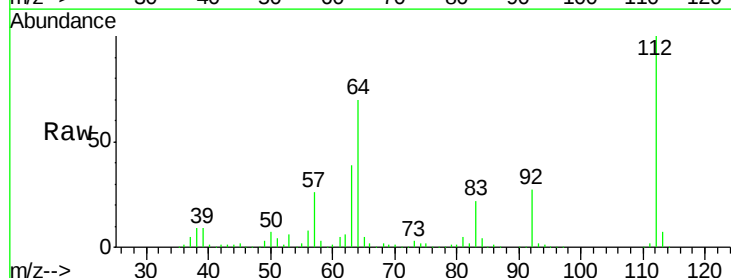
Tgt Ion:112 Resp: 1166755

Ion Ratio Lower Upper

112 100

64 69.9 52.1 78.1

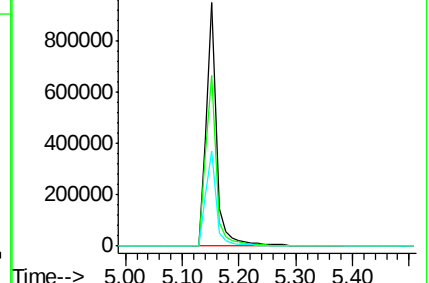
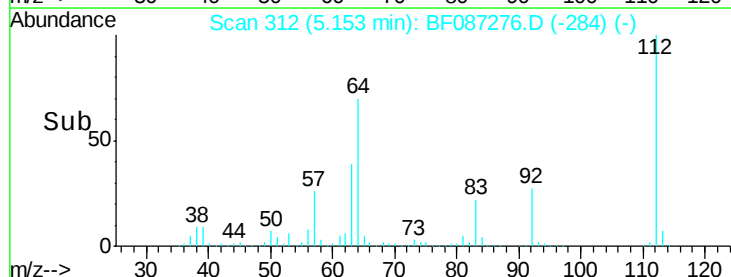
63 38.9 25.7 38.5#



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: 164.26 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

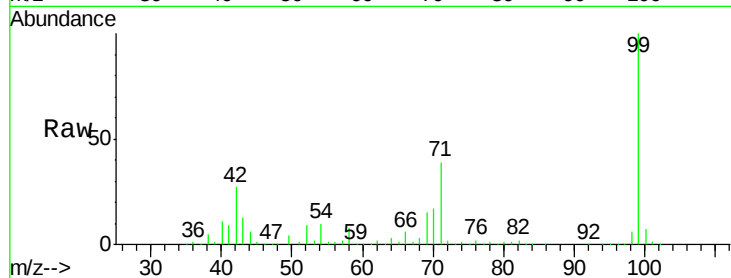
Tot Ion: 99 Resp: 1603746

Ion Ratio Lower Upper

99 100

42 26.6 13.6 20.4#

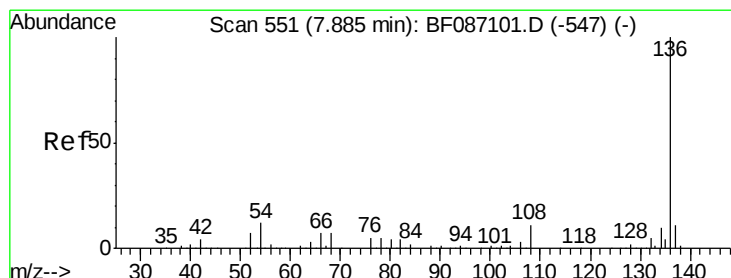
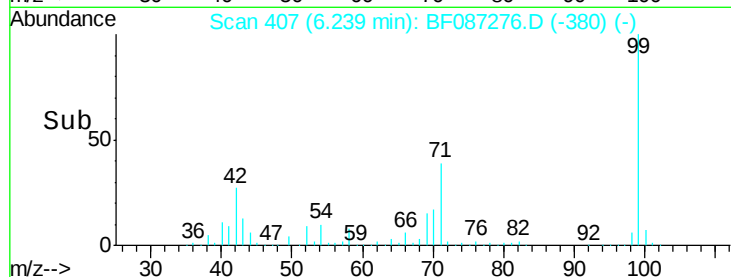
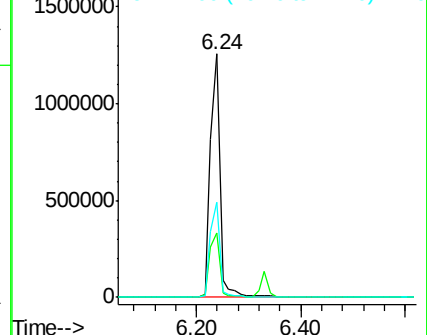
71 39.1 24.6 36.8#



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: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

Tgt Ion: 136 Resp: 536500

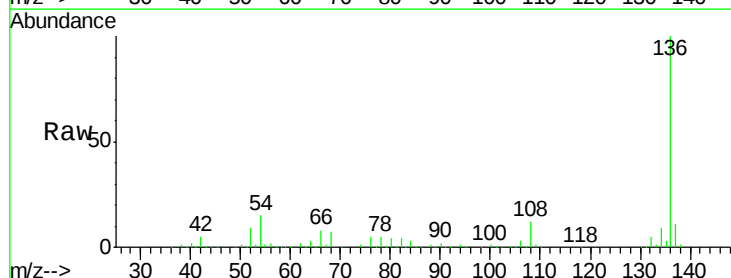
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 15.1 5.0 7.4#

68 7.3 4.4 6.6#

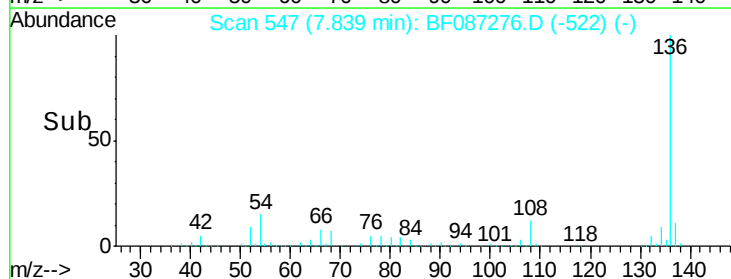
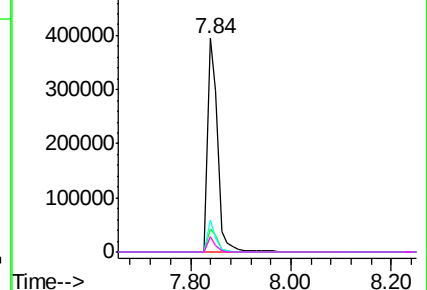


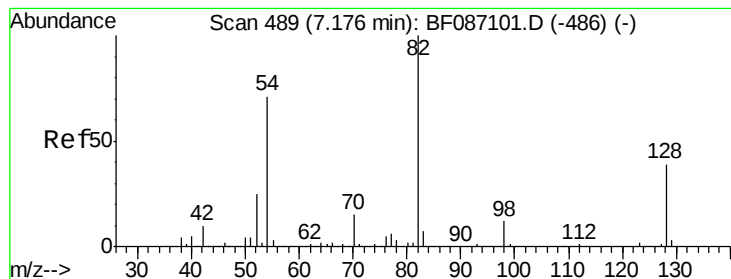
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.37 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

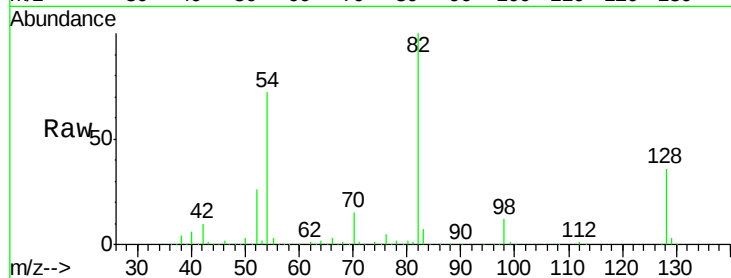
Tot Ion: 82 Resp: 1005056

Ion Ratio Lower Upper

82 100

128 35.7 40.6 61.0#

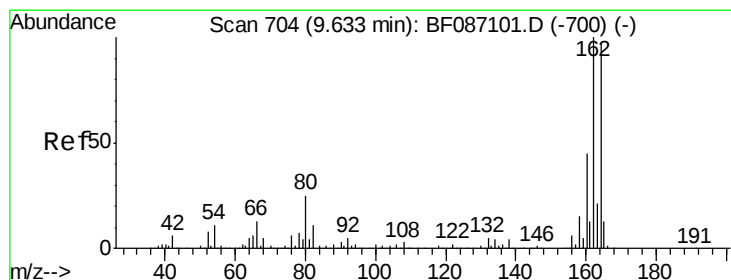
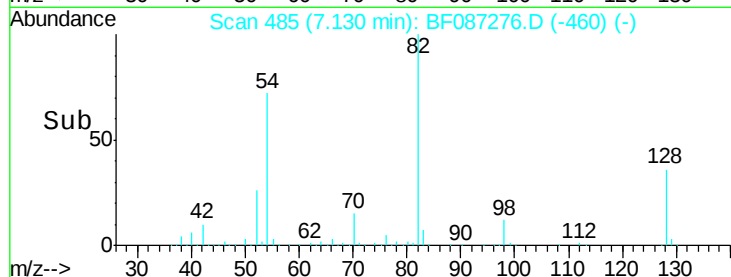
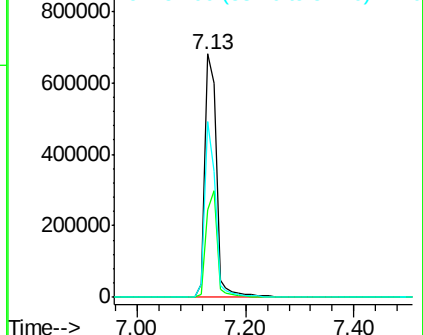
54 72.2 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

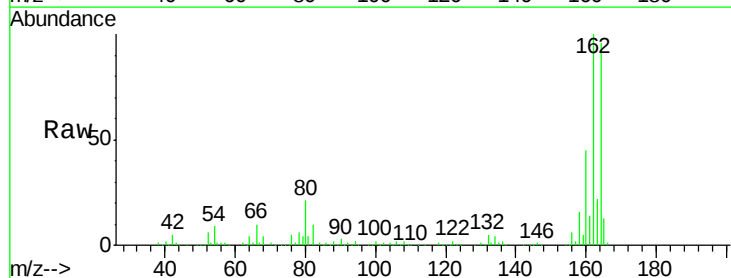
Tgt Ion:164 Resp: 261149

Ion Ratio Lower Upper

164 100

162 104.4 82.8 124.2

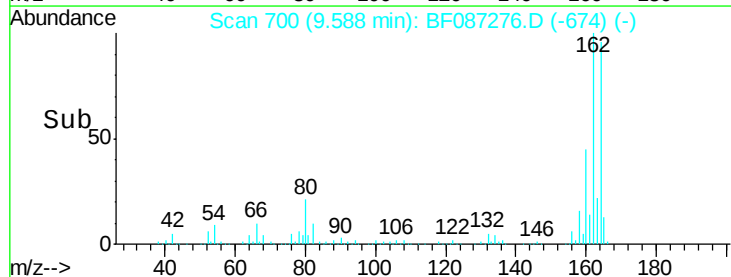
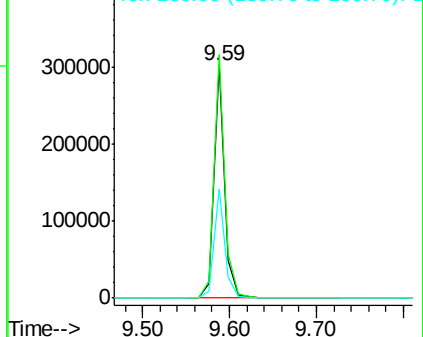
160 46.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

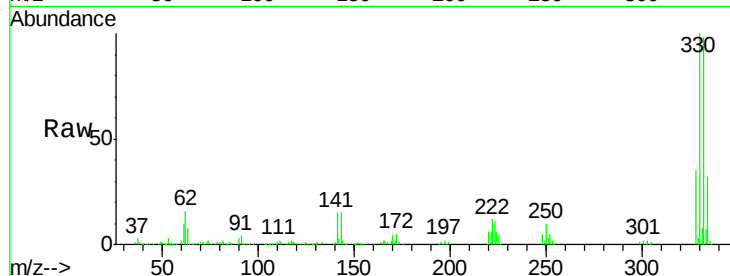




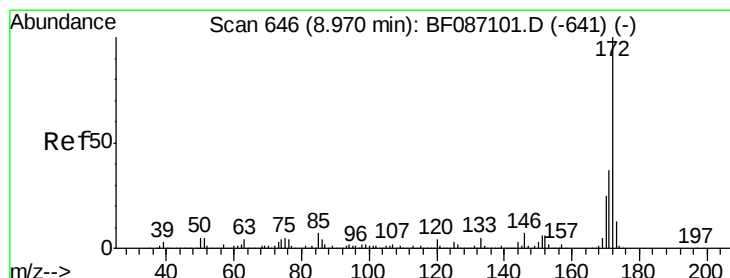
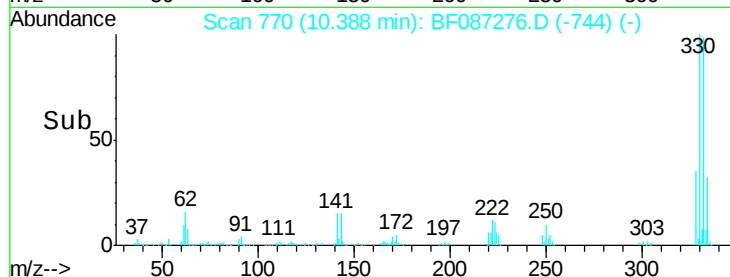
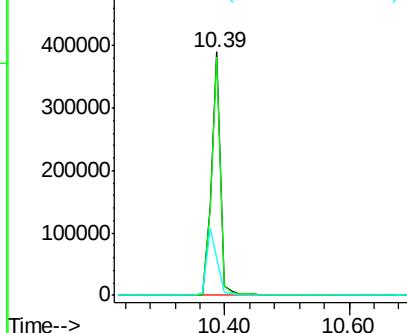
#41
 2,4,6-Tribromophenol
 Concen: 135.78 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087276.D
 Acq: 21 May 2016 16:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.0	118.4
141	32.0	31.2	46.8

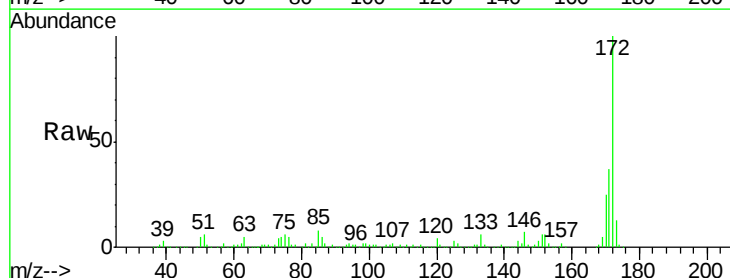


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

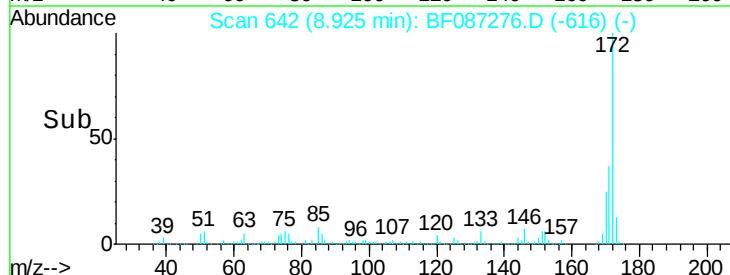
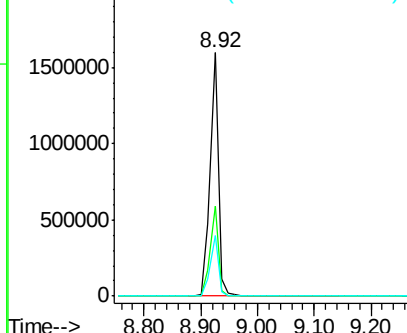


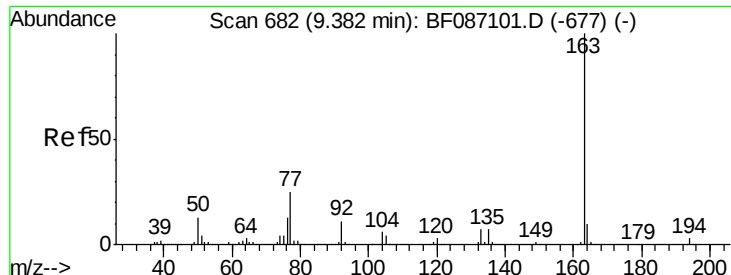
#44
 2-Fluorobiphenyl
 Concen: 98.05 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087276.D
 Acq: 21 May 2016 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.8	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

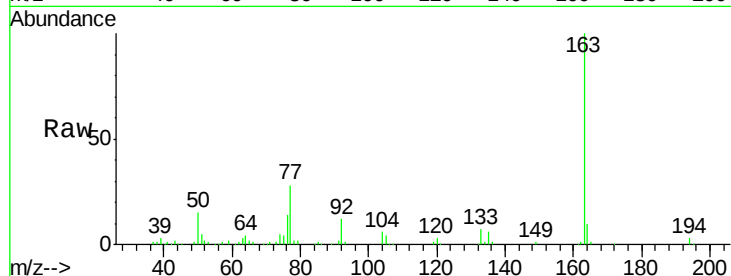




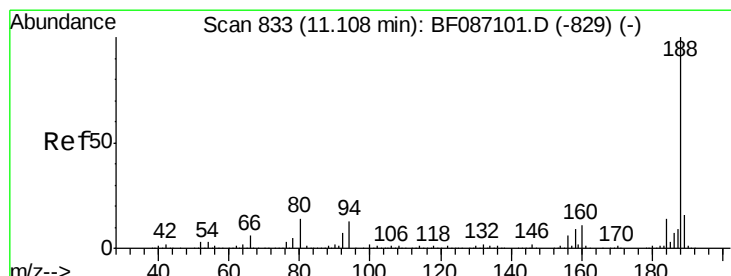
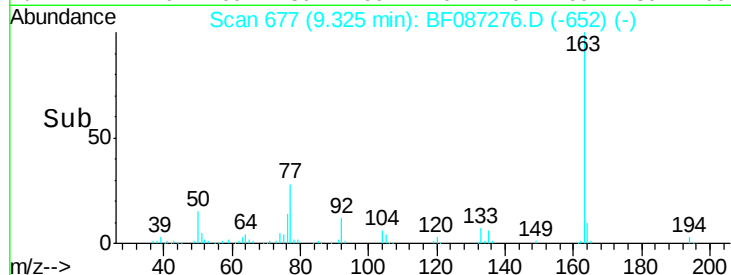
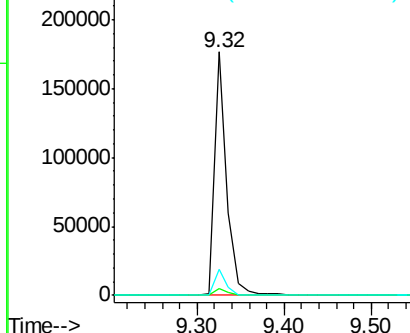
#49
Dimethylphthalate
Concen: 8.78 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF087276.D
Acq: 21 May 2016 16:51

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tot Ion:163 Resp: 174856
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.5 8.2 12.4

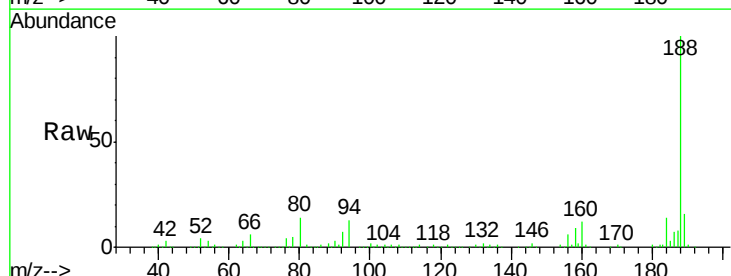


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

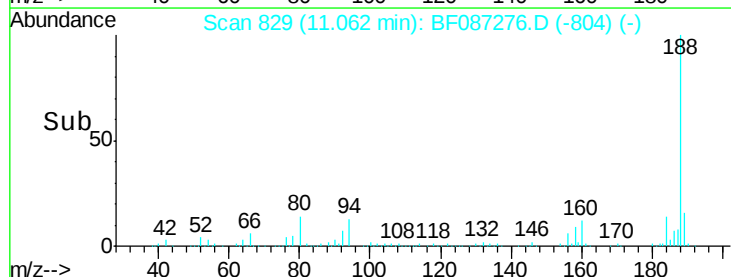
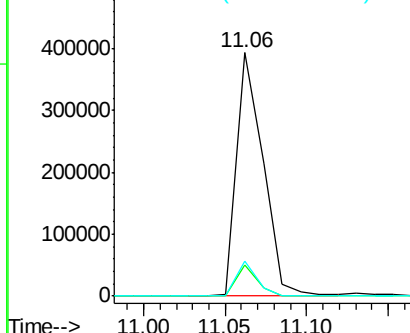


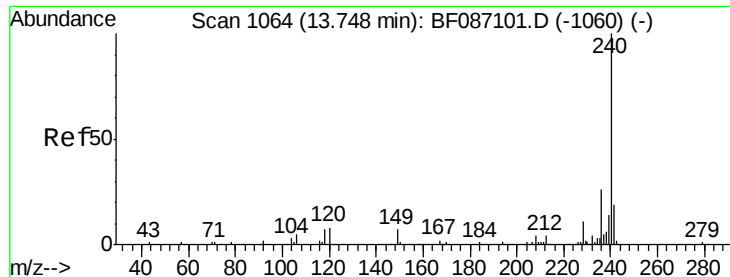
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087276.D
Acq: 21 May 2016 16:51

Tgt Ion:188 Resp: 439774
Ion Ratio Lower Upper
188 100
94 12.7 6.8 10.2#
80 14.2 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

Instrument :

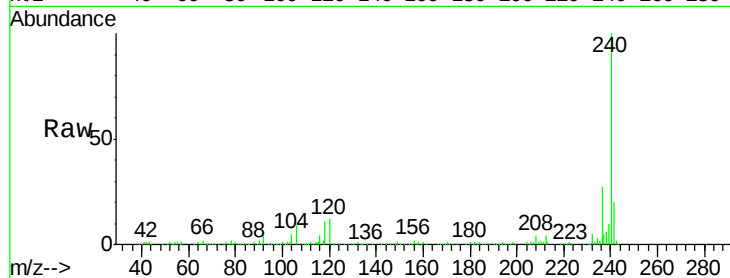
BNA_F

ClientSampleId :

SB-17-COMP

Tot Ion:240 Resp: 289289

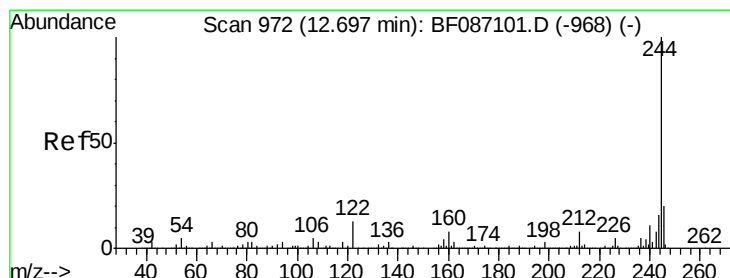
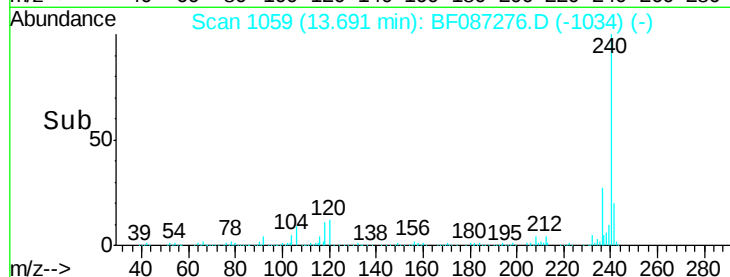
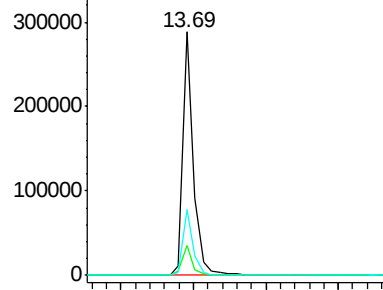
Ion	Ratio	Lower	Upper
240	100		
120	12.2	11.2	16.8
236	26.9	21.2	31.8



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



#78

Terphenyl-d14

Concen: 100.61 ng

RT: 12.65 min Scan# 968

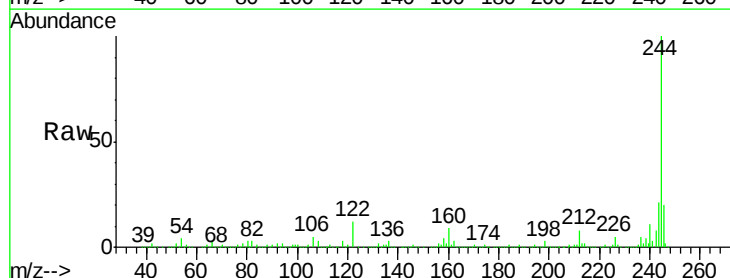
Delta R.T. -0.00 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

Tgt Ion:244 Resp: 1286667

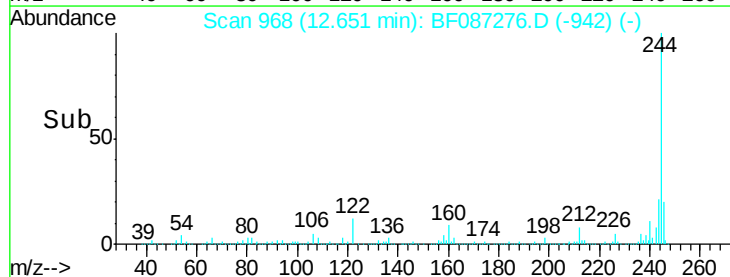
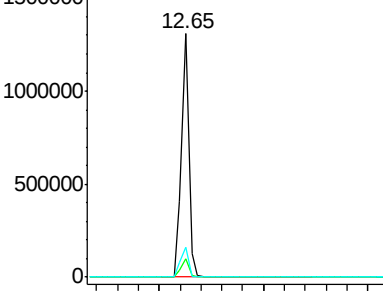
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.4	12.0	18.0

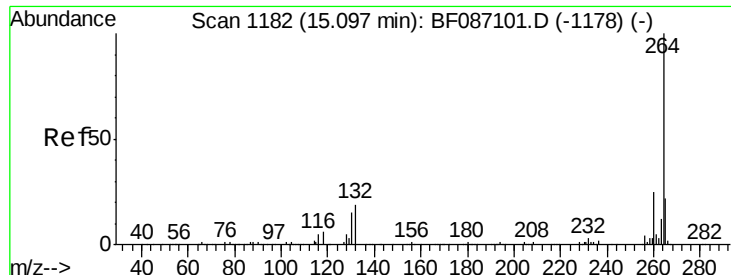


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

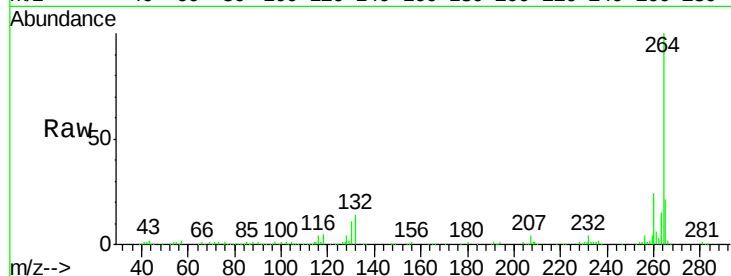




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF087276.D
Acq: 21 May 2016 16:51

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.7	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

