

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087401.D
 Acq On : 26 May 2016 8:09
 Operator : UM/SJ
 Sample : H3220-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-28-COMP

Quant Time: May 26 15:37:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

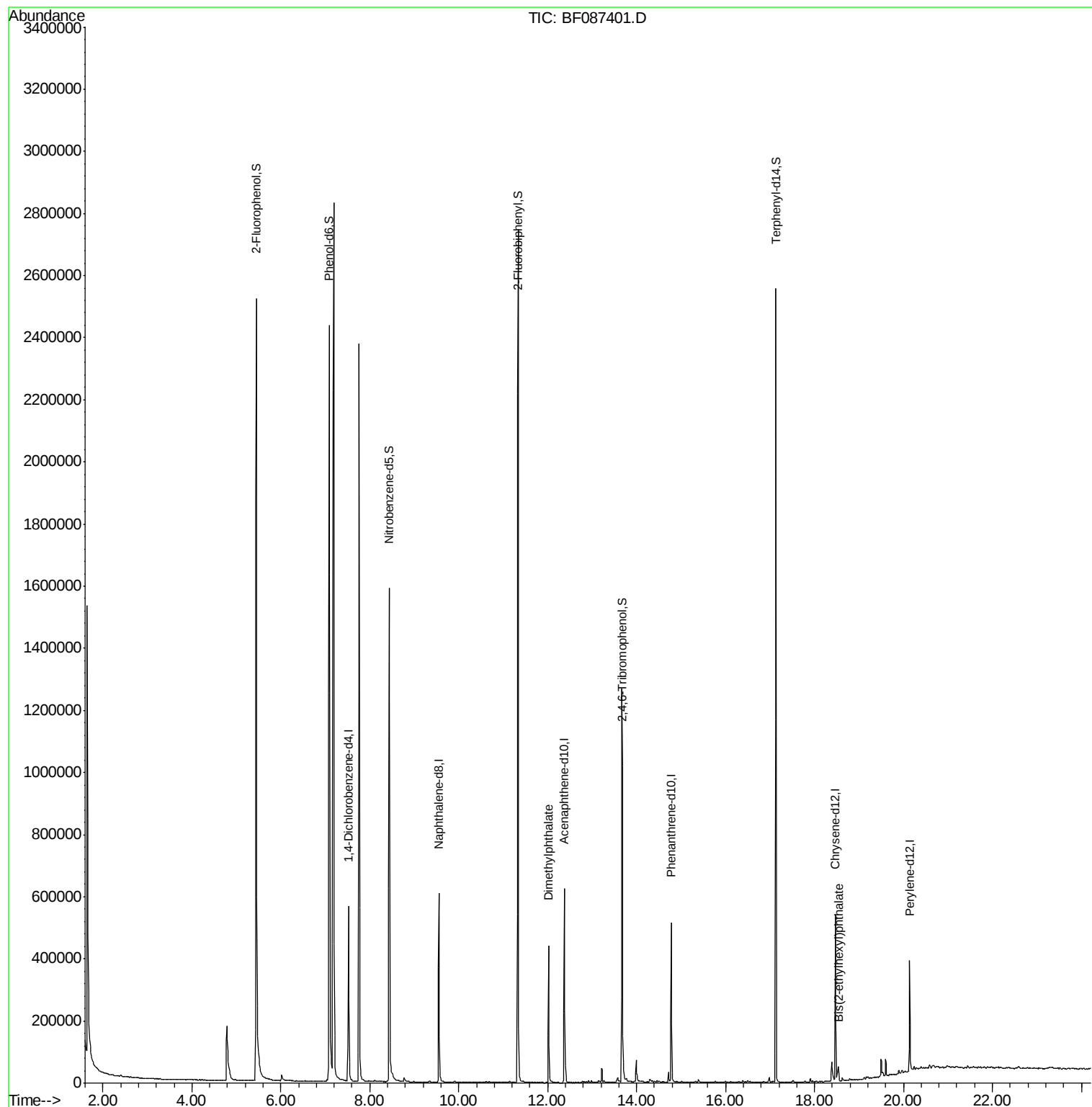
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	100977	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	387559	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	155593	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	249133	20.00	ng	0.00
75) Chrysene-d12	18.47	240	219762	20.00	ng	-0.01
86) Perylene-d12	20.14	264	152814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	969033	168.63	ng	0.03
7) Phenol-d6	7.08	99	1254202	161.52	ng	0.01
23) Nitrobenzene-d5	8.43	82	822475	106.96	ng	-0.01
41) 2,4,6-Tribromophenol	13.68	330	200351	134.00	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1254697	113.68	ng	0.00
78) Terphenyl-d14	17.13	244	879814	85.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.02	163	218370	17.52	ng	Qvalue 100
83) Bis(2-ethylhexyl)phthalate	18.54	149	22210	2.17	ng	# 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

Instrument :

BNA_F

ClientSampleId :

SB-28-COMP

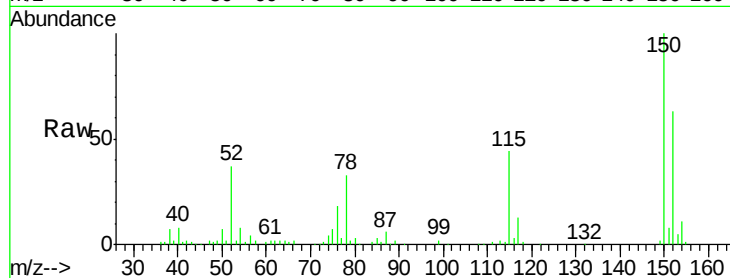
Tot Ion:152 Resp: 100977

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.6

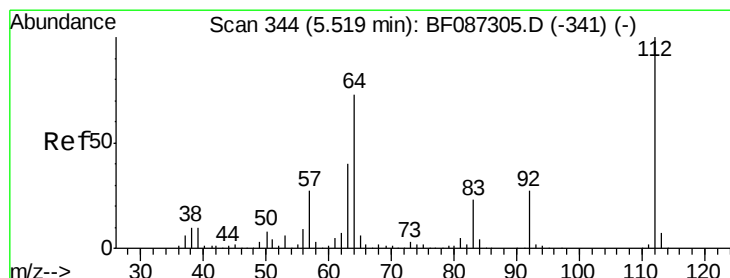
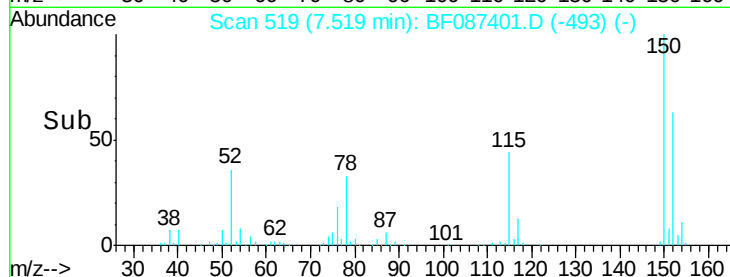
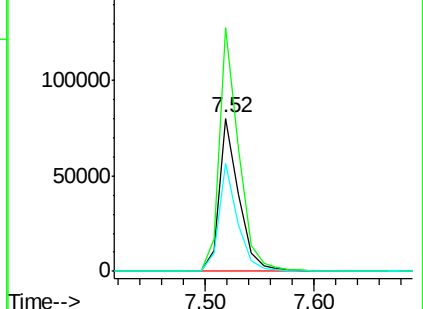
115 70.0 51.5 77.3



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: 168.63 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.03 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

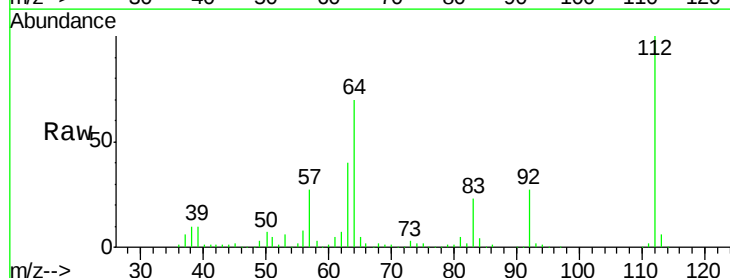
Tgt Ion:112 Resp: 969033

Ion Ratio Lower Upper

112 100

64 70.0 52.1 78.1

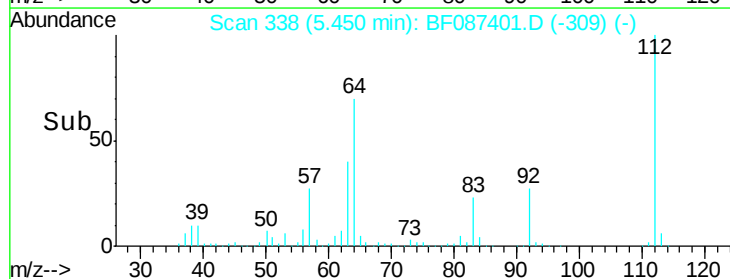
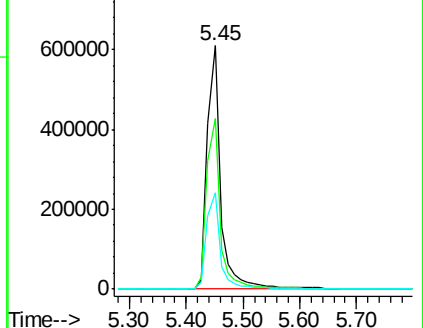
63 39.5 25.7 38.5



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: 161.52 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

Instrument :

BNA_F

ClientSampleId :

SB-28-COMP

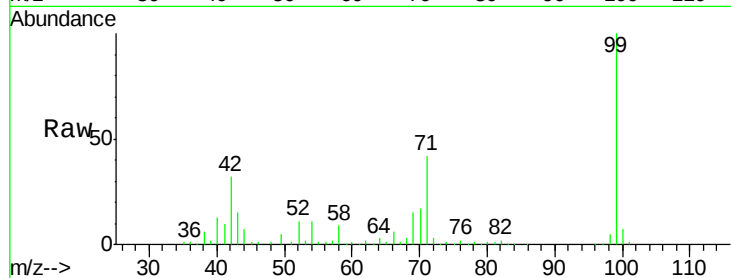
Tot Ion: 99 Resp: 1254202

Ion Ratio Lower Upper

99 100

42 31.6 13.6 20.4#

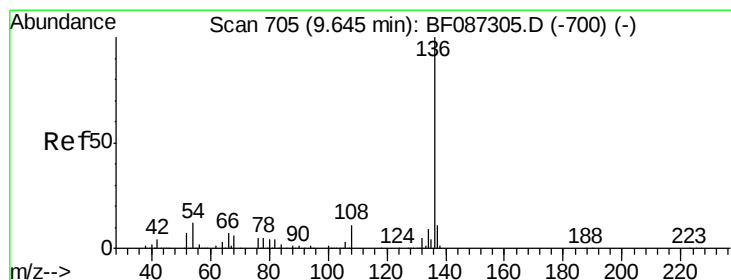
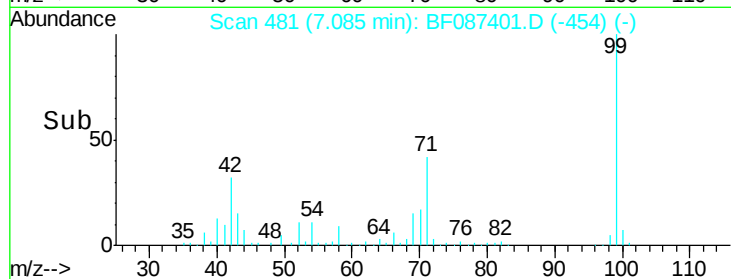
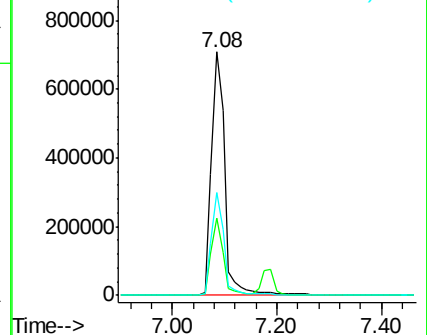
71 42.0 24.6 36.8#



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: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

Tgt Ion: 136 Resp: 387559

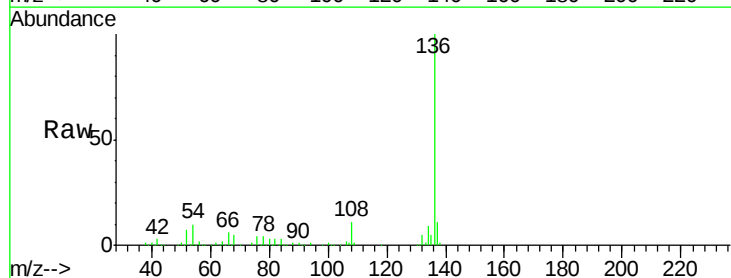
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 10.4 5.0 7.4#

68 5.1 4.4 6.6

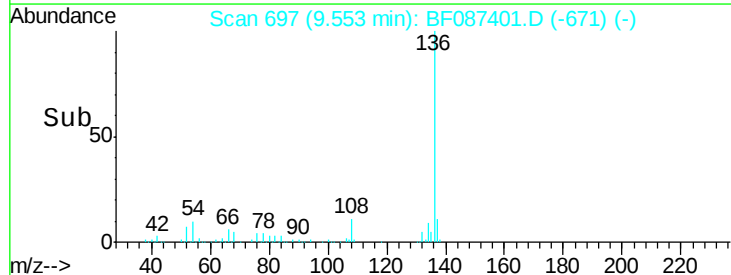
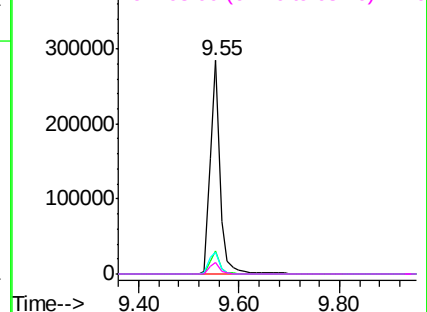


Abundance Ion 136.00 (135.70 to 136.70): E

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

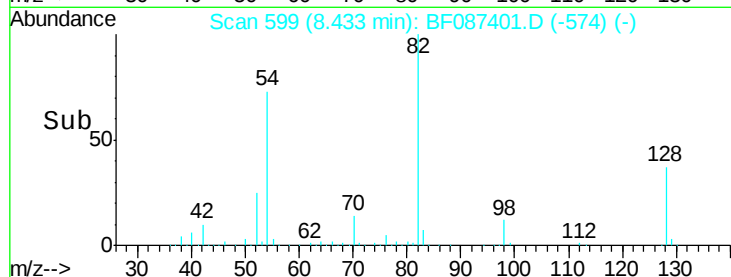
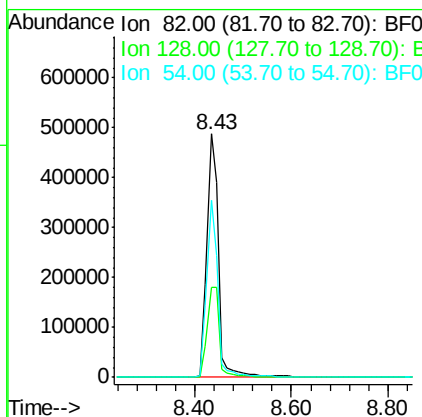
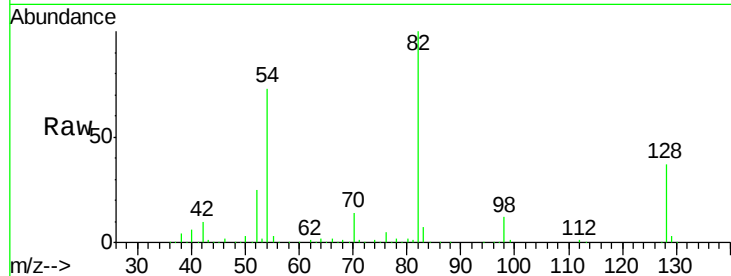




#23
Nitrobenzene-d5
Concen: 106.96 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087401.D
Acq: 26 May 2016 8:09

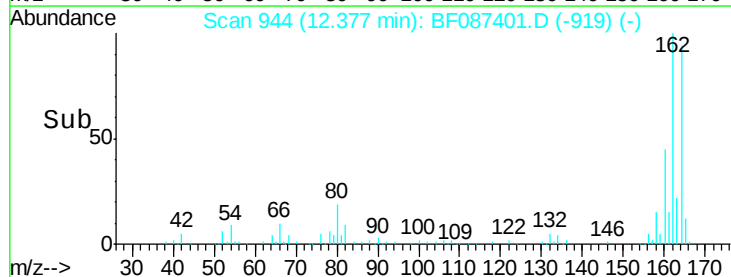
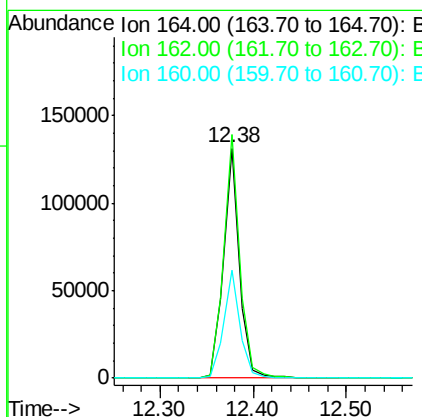
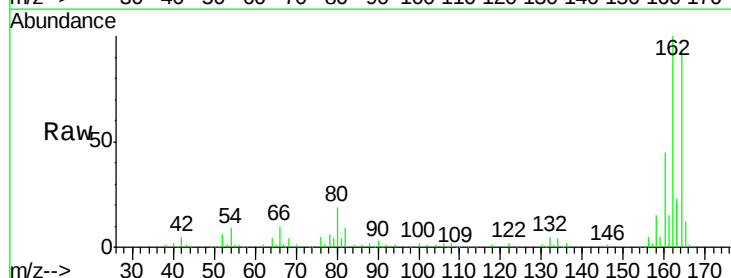
Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

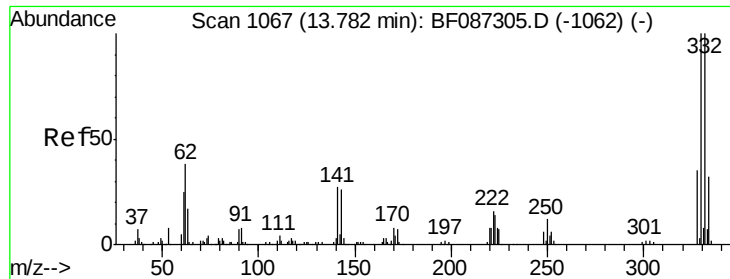
Tot Ion: 82 Resp: 822475
Ion Ratio Lower Upper
82 100
128 36.8 40.6 61.0#
54 72.8 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087401.D
Acq: 26 May 2016 8:09

Tgt Ion: 164 Resp: 155593
Ion Ratio Lower Upper
164 100
162 105.9 82.8 124.2
160 47.2 36.9 55.3

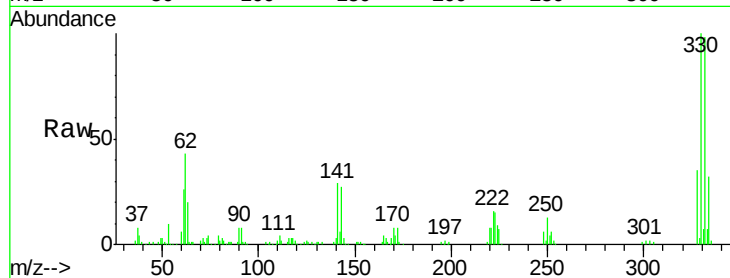




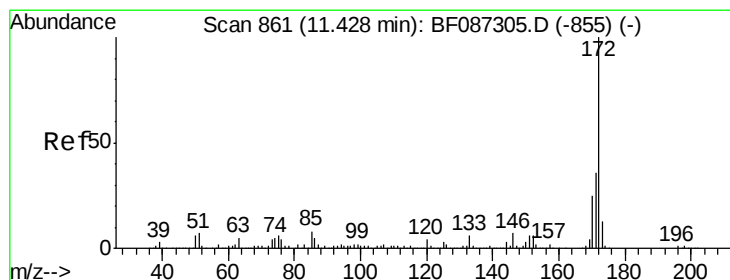
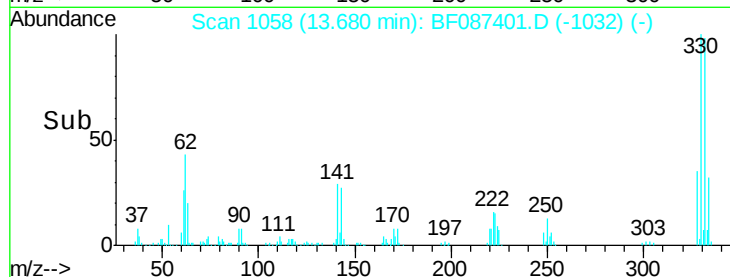
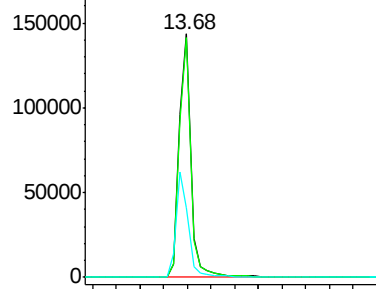
#41
 2,4,6-Tribromophenol
 Concen: 134.00 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087401.D
 Acq: 26 May 2016 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-28-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	44.8	31.2	46.8

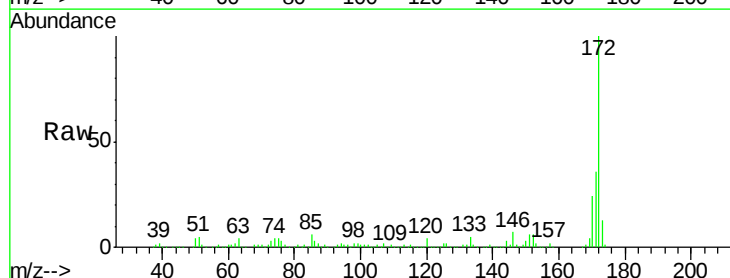


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

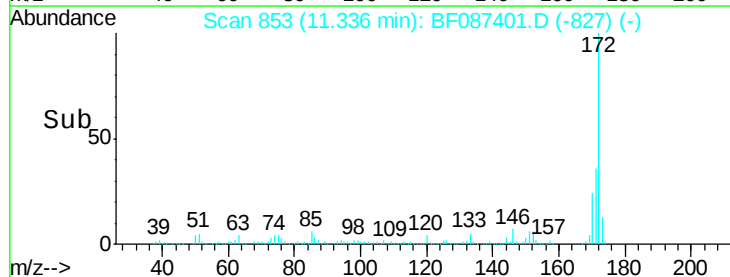
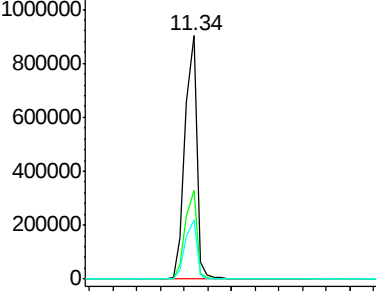


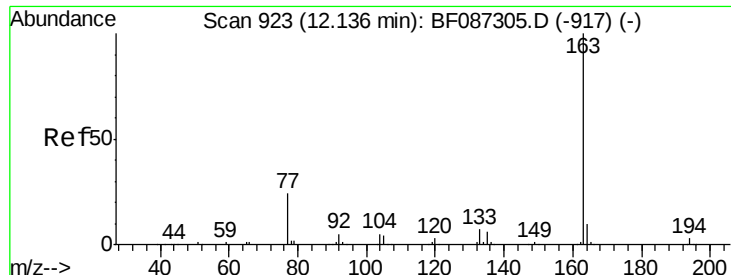
#44
 2-Fluorobiphenyl
 Concen: 113.68 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087401.D
 Acq: 26 May 2016 8:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.3	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: 17.52 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

Instrument :

BNA_F

ClientSampleId :

SB-28-COMP

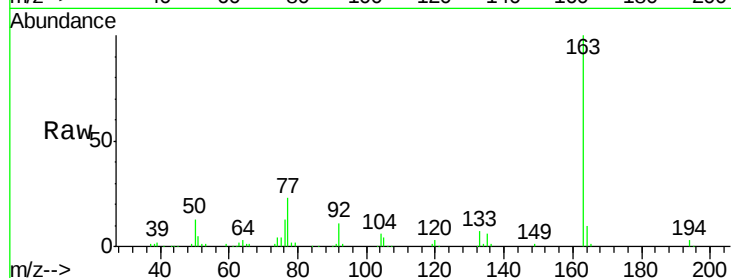
Tot Ion:163 Resp: 218370

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

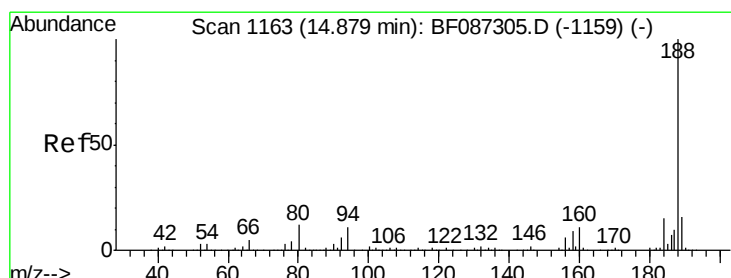
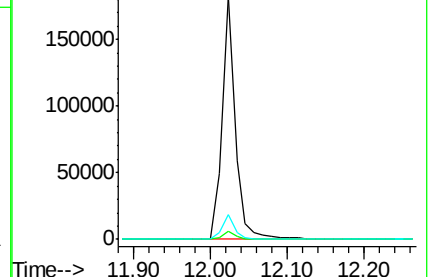
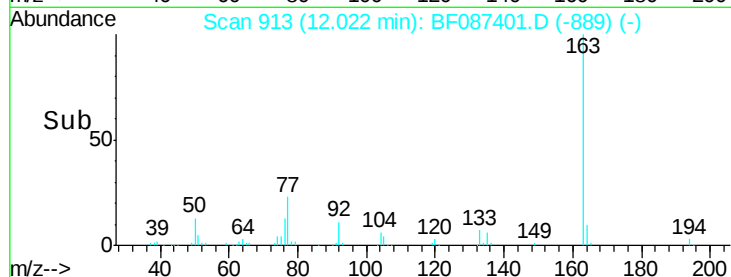
164 10.2 8.2 12.4



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: 14.78 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

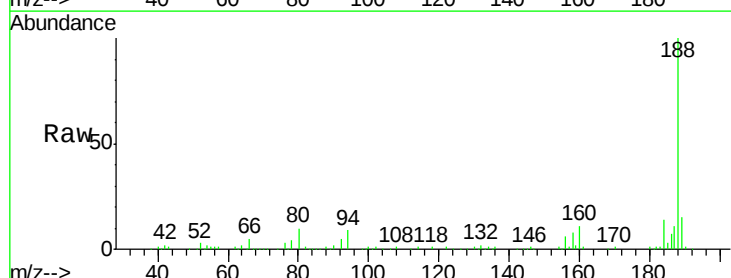
Tgt Ion:188 Resp: 249133

Ion Ratio Lower Upper

188 100

94 9.4 6.8 10.2

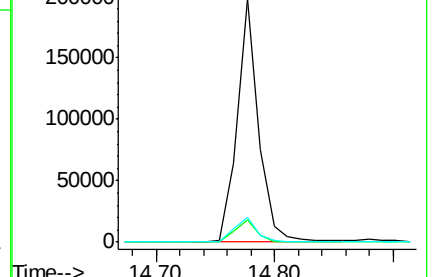
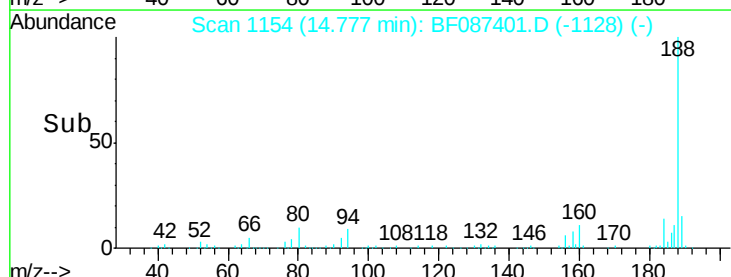
80 10.3 7.1 10.7



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: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

Instrument :

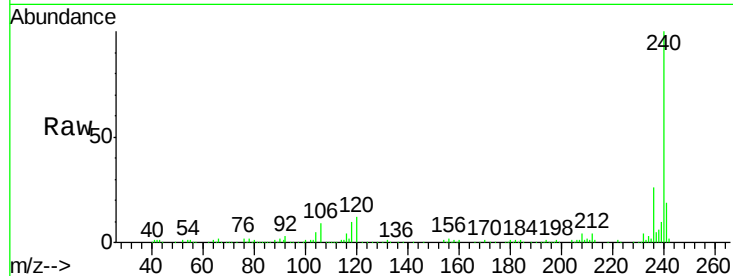
BNA_F

ClientSampleId :

SB-28-COMP

Tot Ion:240 Resp: 219762

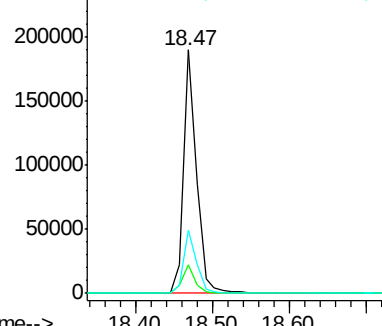
Ion	Ratio	Lower	Upper
240	100		
120	11.7	11.2	16.8
236	26.0	21.2	31.8



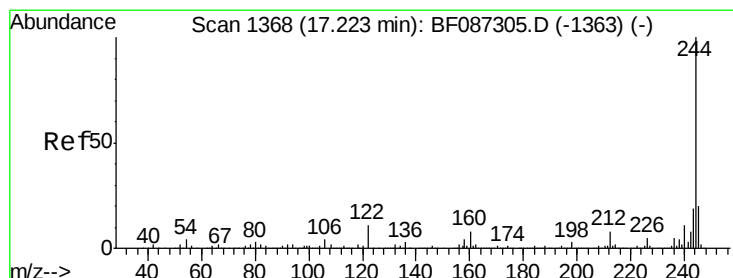
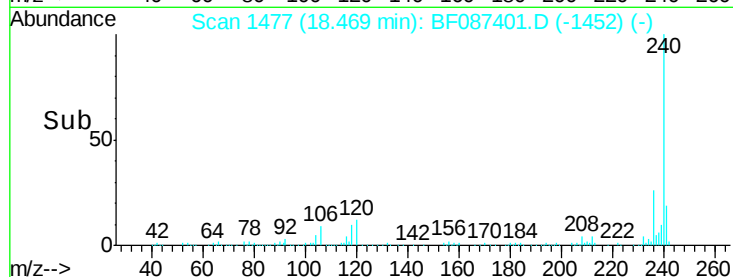
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 18.40 18.50 18.60



#78

Terphenyl-d14

Concen: 85.11 ng

RT: 17.13 min Scan# 1360

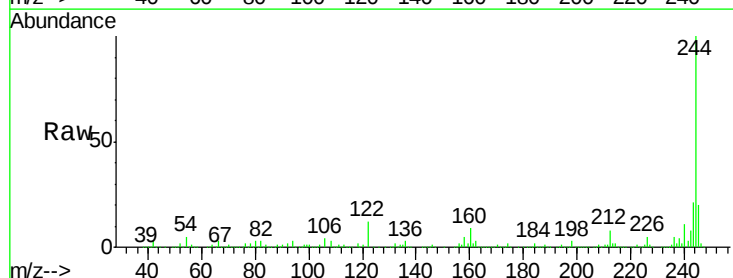
Delta R.T. 0.00 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

Tgt Ion:244 Resp: 879814

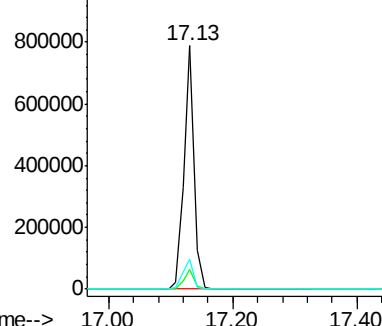
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.5	12.0	18.0



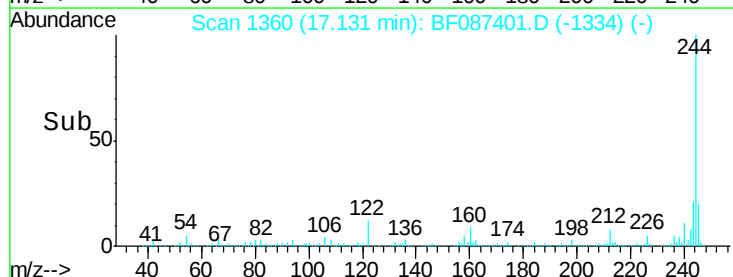
Abundance Ion 244.00 (243.70 to 244.70): E

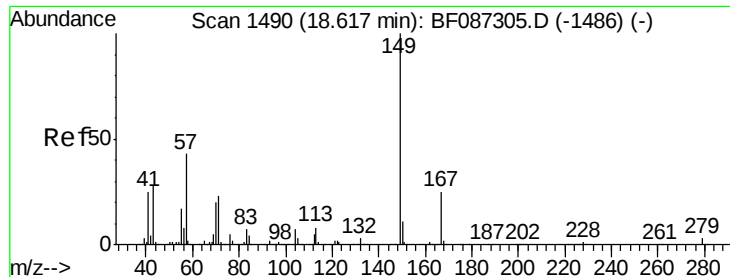
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 17.00 17.20 17.40





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.17 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

Instrument :

BNA_F

ClientSampleId :

SB-28-COMP

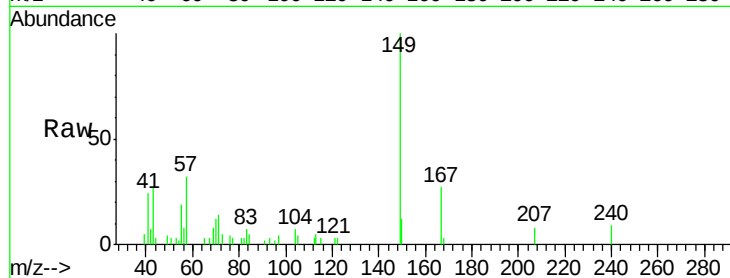
Tot Ion:149 Resp: 22210

Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

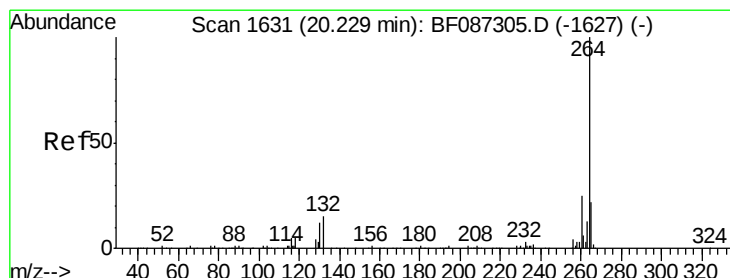
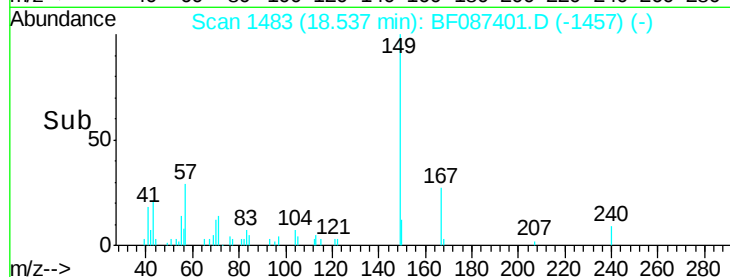
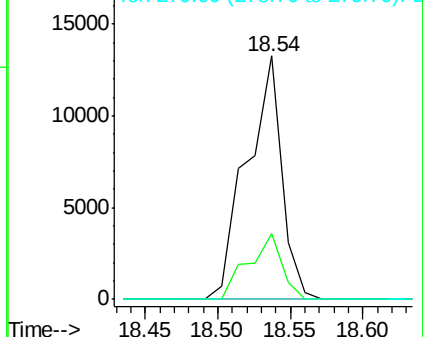
279 0.0 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.14 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

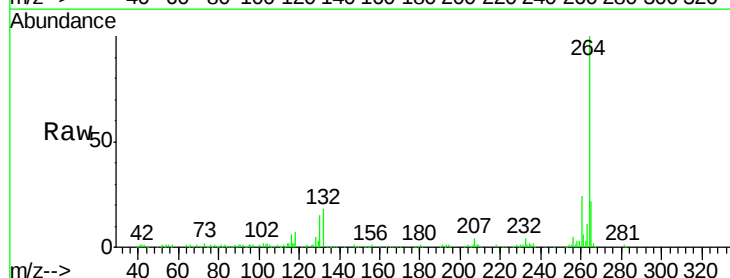
Tgt Ion:264 Resp: 152814

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.9 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

