

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087327.D
 Acq On : 24 May 2016 6:44
 Operator : UM/SJ
 Sample : H3168-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Quant Time: May 24 18:51:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

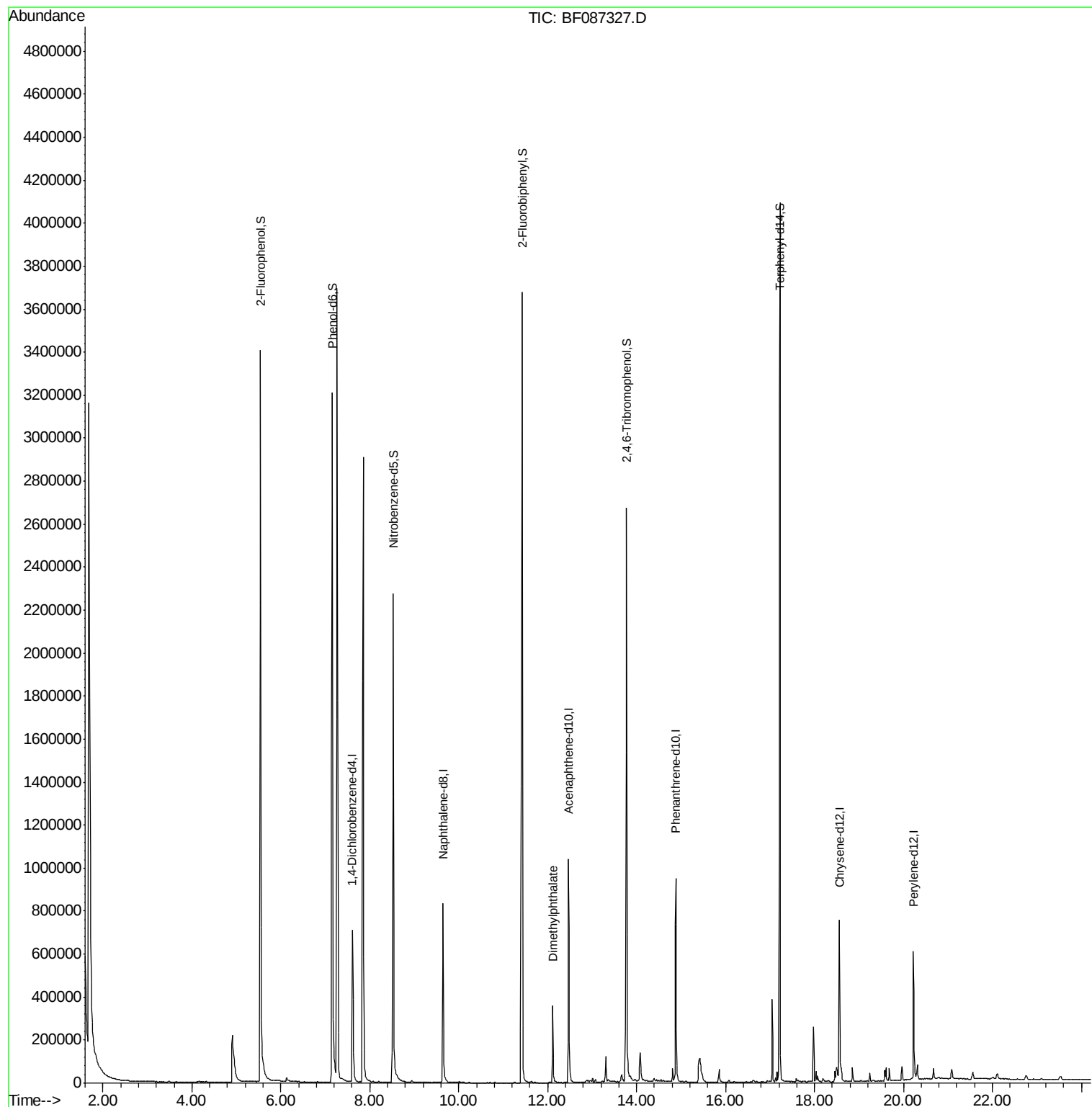
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142314	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	603131	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	290192	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	554496	20.00	ng	0.00
75) Chrysene-d12	18.56	240	443623	20.00	ng	0.00
86) Perylene-d12	20.22	264	319983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1231914	152.10	ng	0.02
7) Phenol-d6	7.16	99	1699105	155.26	ng	0.00
23) Nitrobenzene-d5	8.52	82	1083374	90.53	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	401852	144.10	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1919452	93.25	ng	0.00
78) Terphenyl-d14	17.22	244	1867515	89.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.11	163	189731	8.16	ng	Qvalue 100

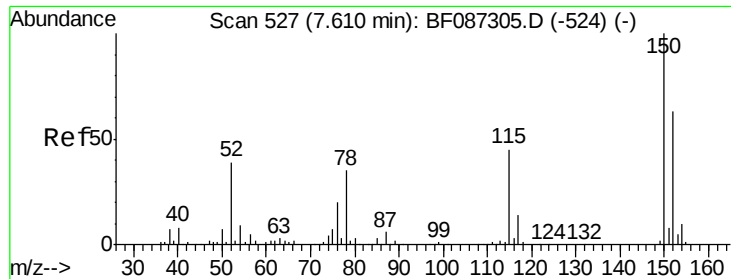
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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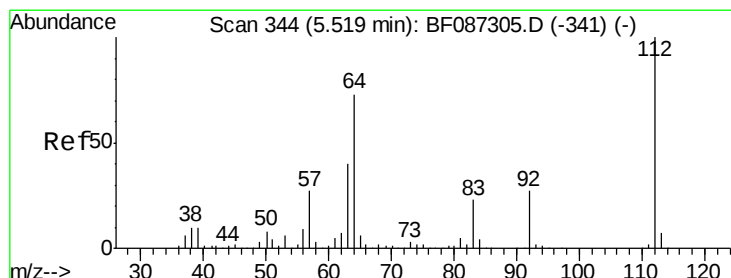
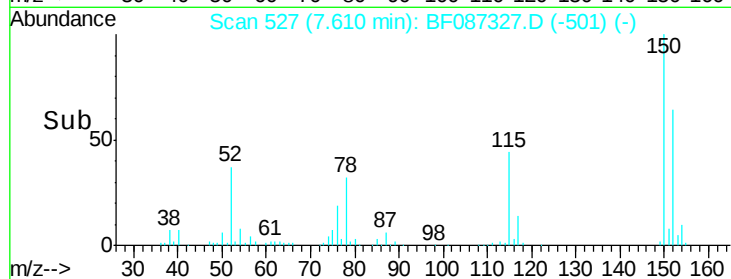
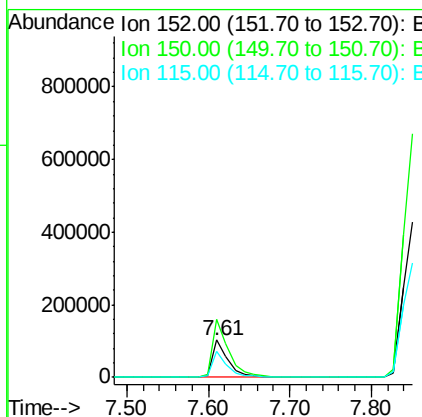
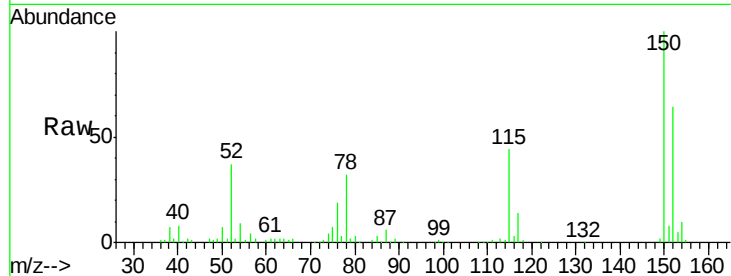


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087327.D
Acq: 24 May 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

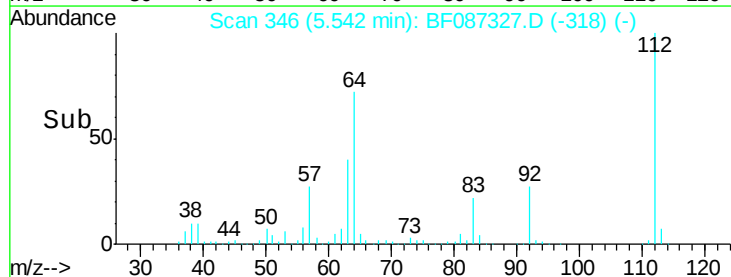
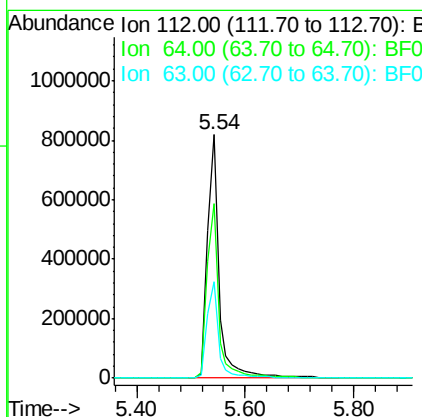
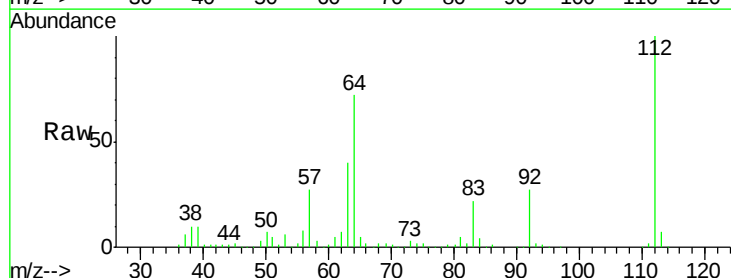
Tgt Ion:152 Resp: 142314
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 69.1 51.5 77.3



#5

2-Fluorophenol
Concen: 152.10 ng
RT: 5.54 min Scan# 346
Delta R.T. 0.02 min
Lab File: BF087327.D
Acq: 24 May 2016 6:44

Tgt Ion:112 Resp: 1231914
Ion Ratio Lower Upper
112 100
64 71.8 52.1 78.1
63 39.8 25.7 38.5#





#7

Phenol-d6

Concen: 155.26 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

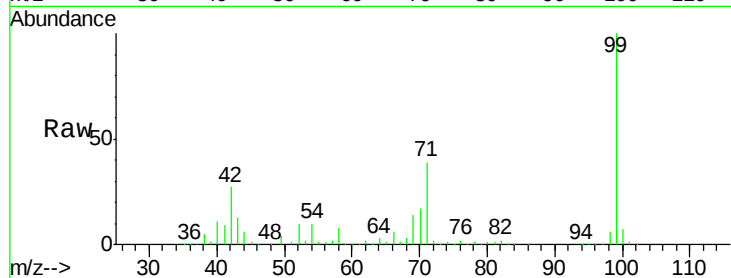
Tgt Ion: 99 Resp: 1699105

Ion Ratio Lower Upper

99 100

42 27.3 13.6 20.4#

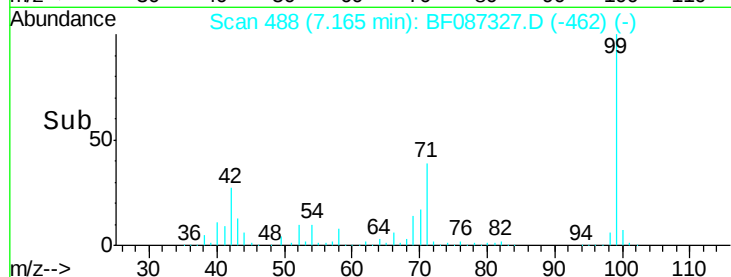
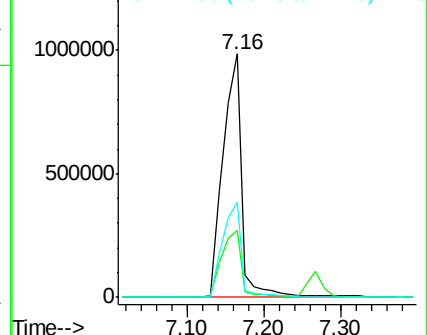
71 39.1 24.6 36.8#



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: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

Tgt Ion: 136 Resp: 603131

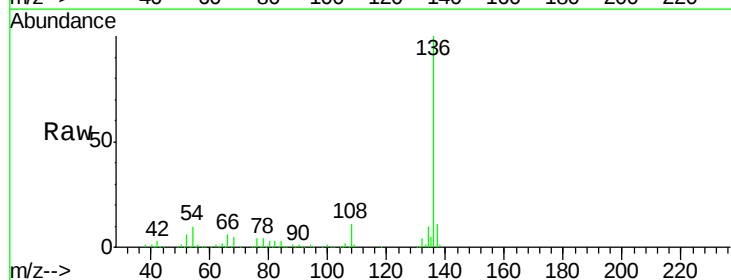
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.3 5.0 7.4#

68 5.3 4.4 6.6

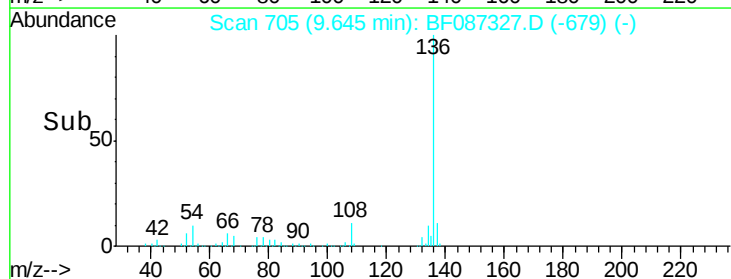
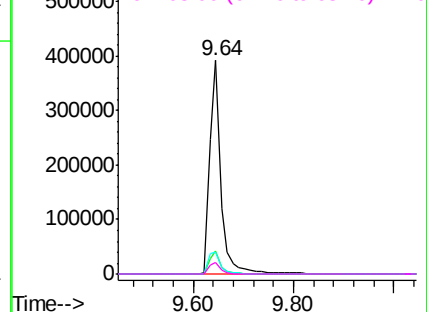


Abundance Ion 136.00 (135.70 to 136.70): E

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

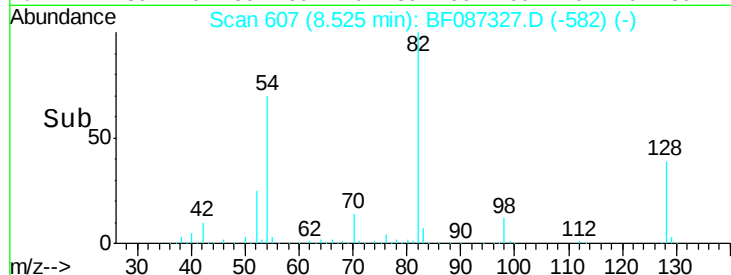
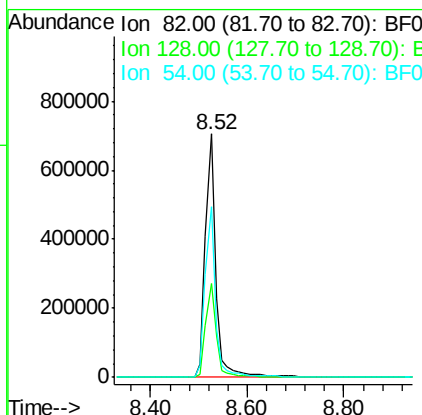
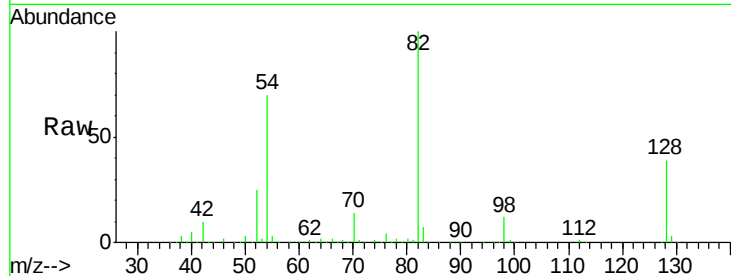




#23
 Nitrobenzene-d5
 Concen: 90.53 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087327.D
 Acq: 24 May 2016 6:44

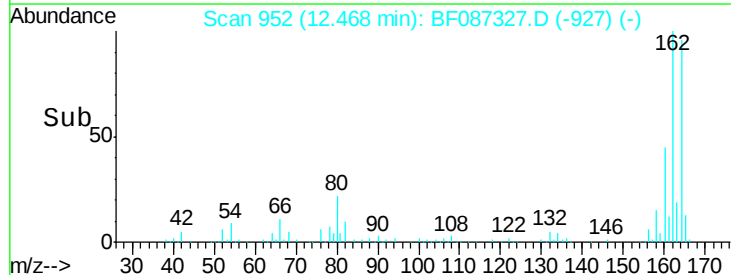
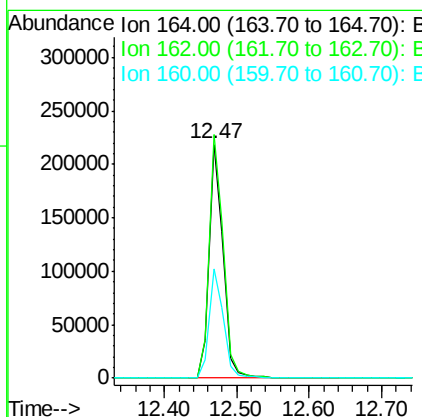
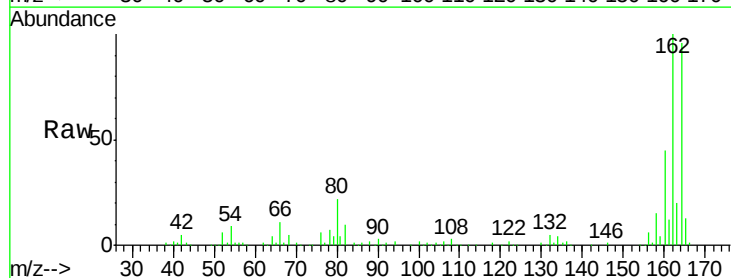
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

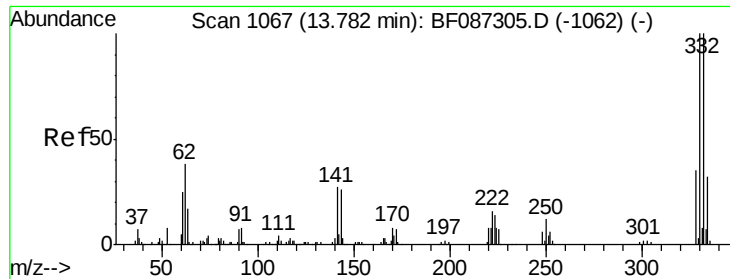
Tgt Ion: 82 Resp: 1083374
 Ion Ratio Lower Upper
 82 100
 128 38.7 40.6 61.0#
 54 70.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087327.D
 Acq: 24 May 2016 6:44

Tgt Ion: 164 Resp: 290192
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.8 124.2
 160 46.5 36.9 55.3

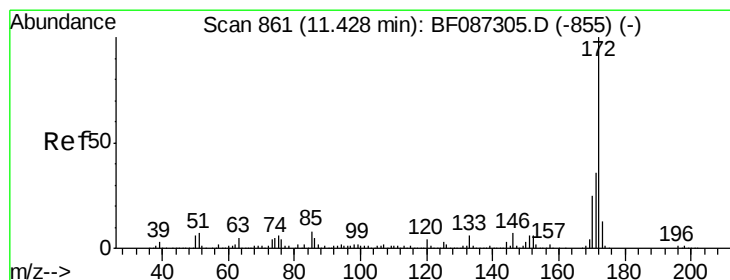
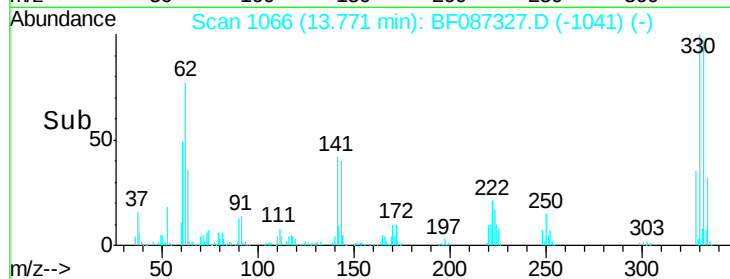
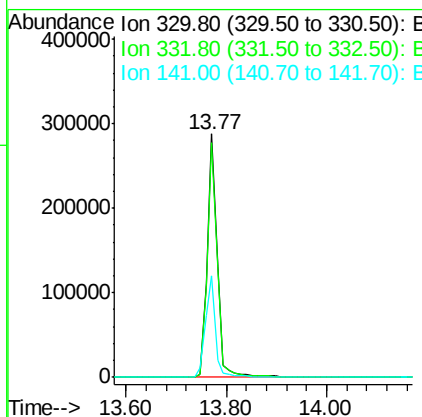
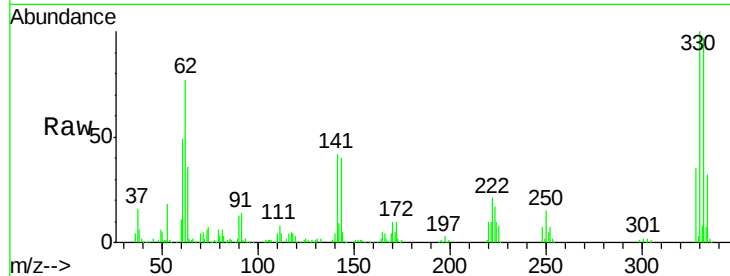




#41
 2,4,6-Tribromophenol
 Concen: 144.10 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087327.D
 Acq: 24 May 2016 6:44

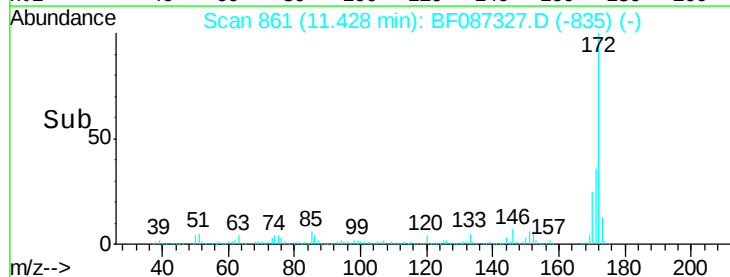
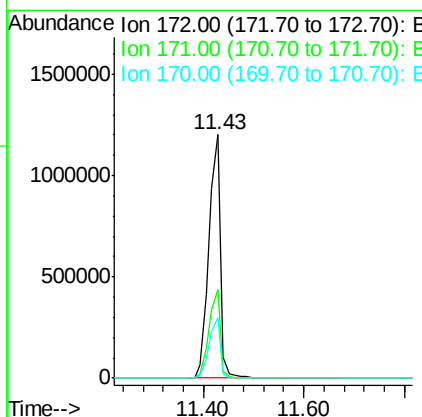
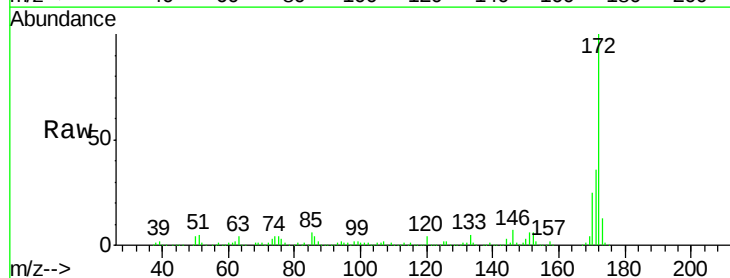
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

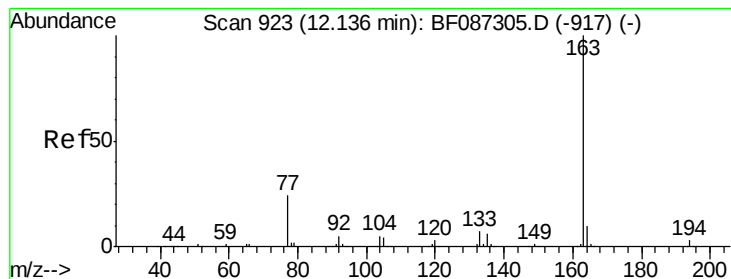
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	41.7	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 93.25 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087327.D
 Acq: 24 May 2016 6:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.7	19.8	29.8





#49

Dimethylphthalate

Concen: 8.16 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

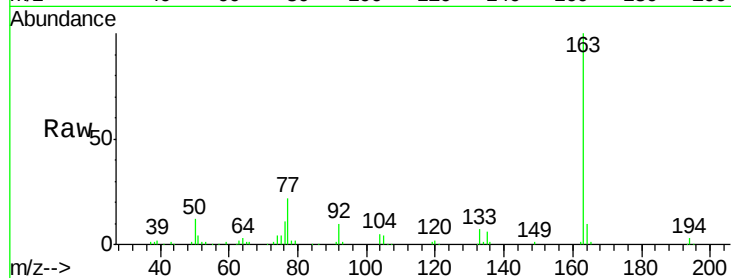
Tgt Ion:163 Resp: 189731

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

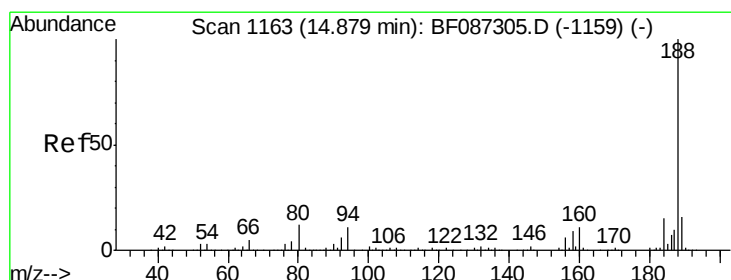
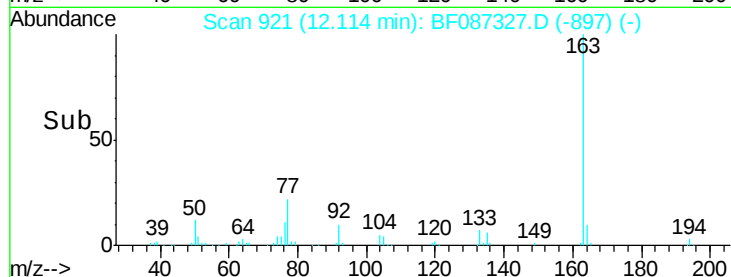
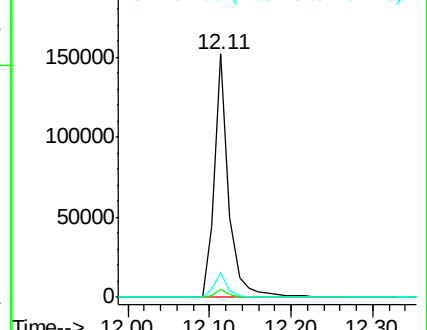
164 10.2 8.2 12.4



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: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

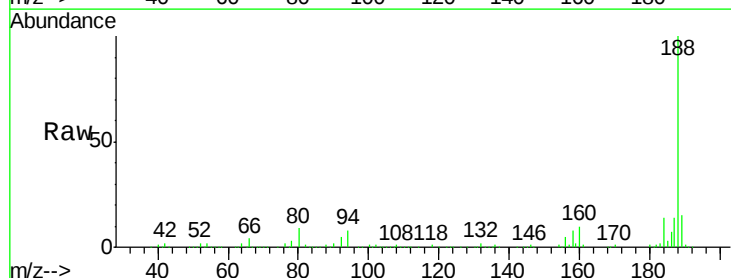
Tgt Ion:188 Resp: 554496

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

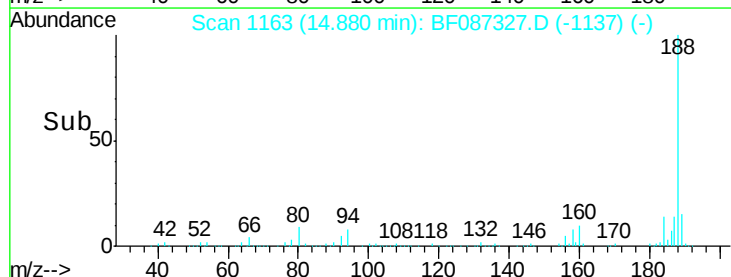
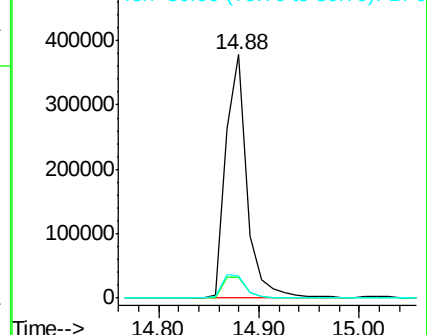
80 9.0 7.1 10.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

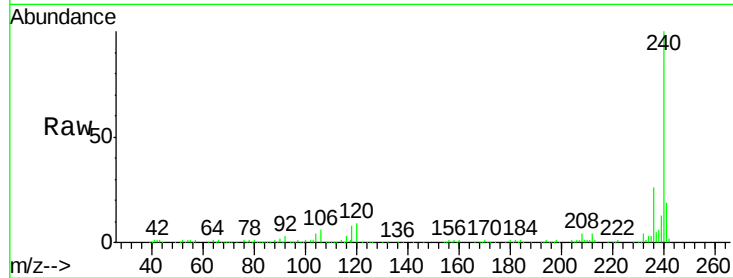
Tgt Ion:240 Resp: 443623

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

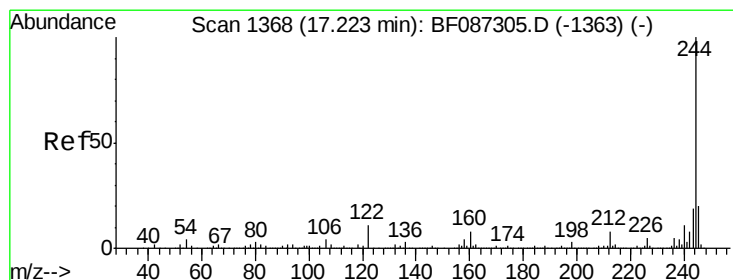
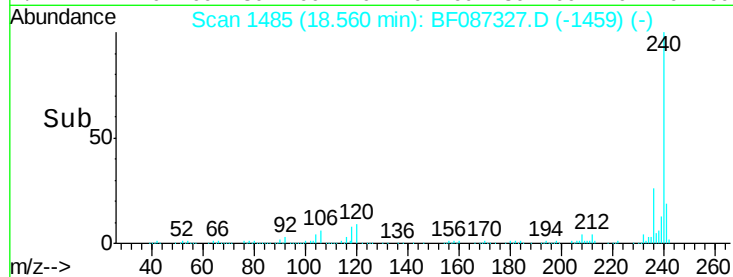
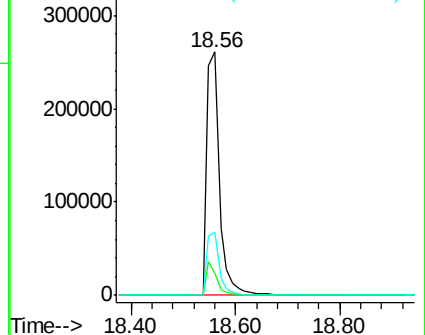
236 26.1 21.2 31.8



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: 89.50 ng

RT: 17.22 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF087327.D

Acq: 24 May 2016 6:44

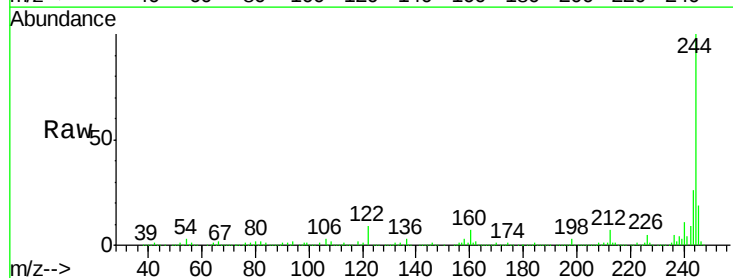
Tgt Ion:244 Resp: 1867515

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

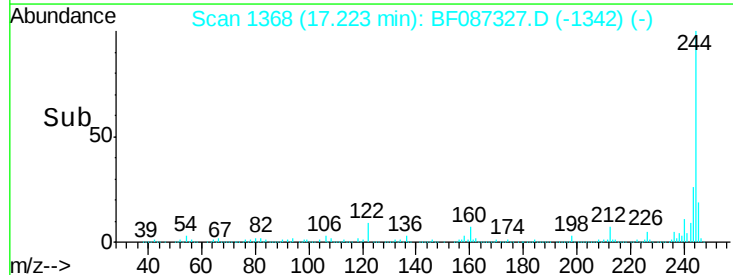
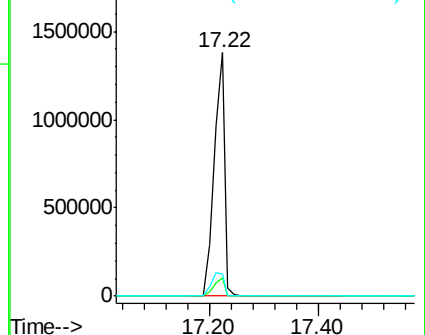
122 9.0 12.0 18.0#

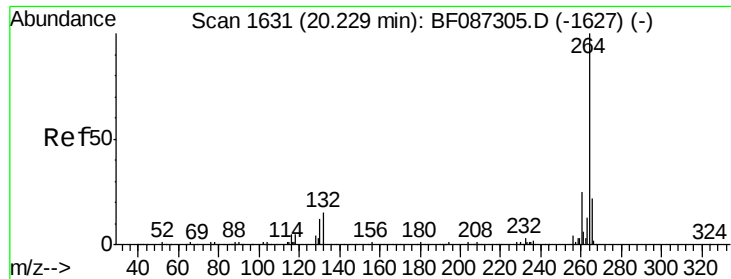


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.22 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BF087327.D
Acq: 24 May 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.9	17.3	25.9

