

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087439.D
 Acq On : 27 May 2016 10:47
 Operator : UM/SJ
 Sample : H3238-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1605104335

Quant Time: May 27 12:09:47 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

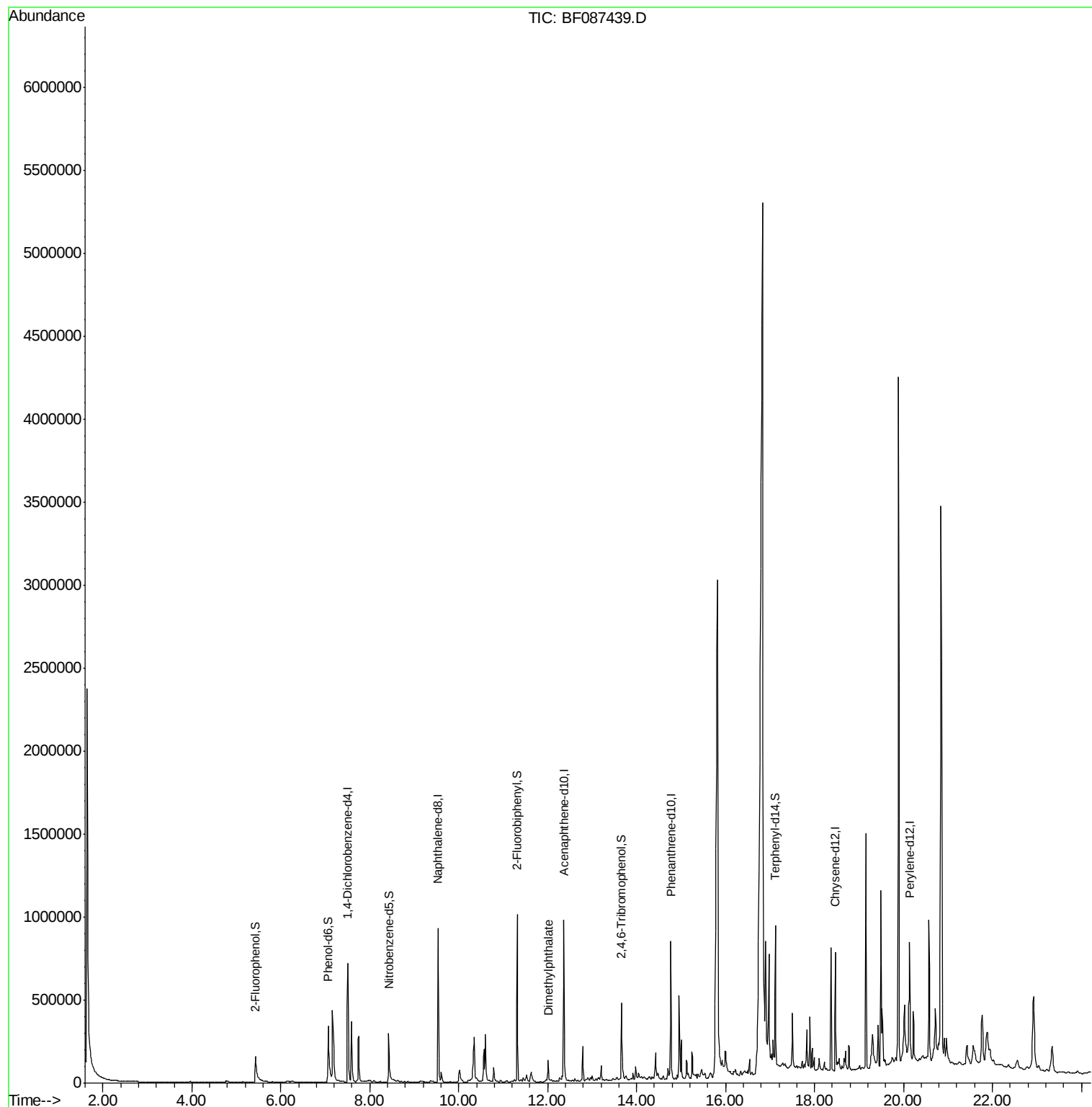
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	150416	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	599387	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	252491	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	394589	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	321883	20.00	ng	-0.01
86) Perylene-d12	20.14	264	305179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	119403	13.95	ng	0.01
7) Phenol-d6	7.06	99	244464	21.14	ng	-0.01
23) Nitrobenzene-d5	8.42	82	165043	13.88	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	67990	28.02	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	383056	21.39	ng	-0.02
78) Terphenyl-d14	17.12	244	295306	19.50	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.01	163	65162	3.22	ng	Qvalue 99

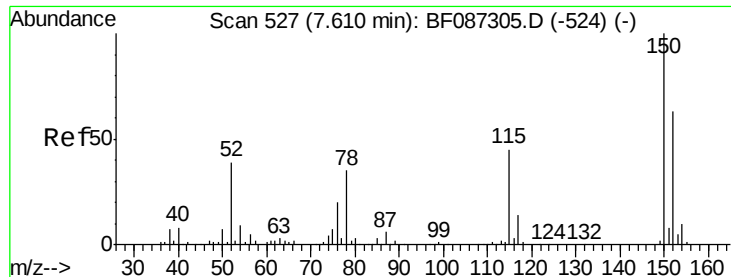
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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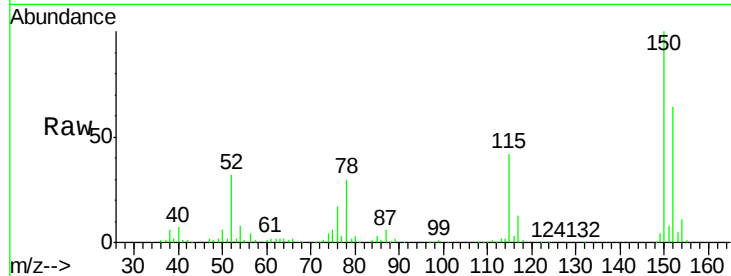


#1

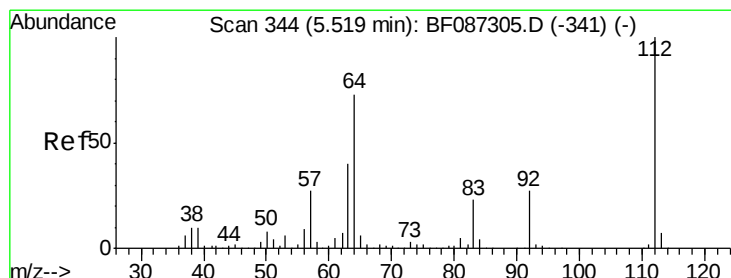
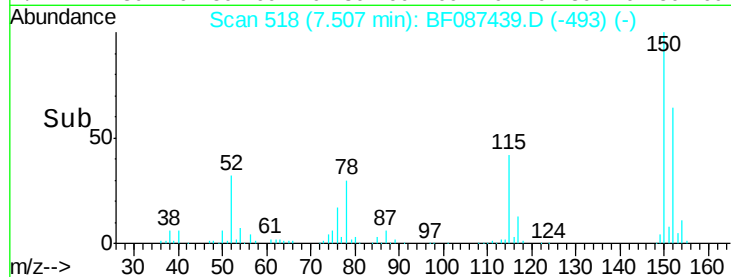
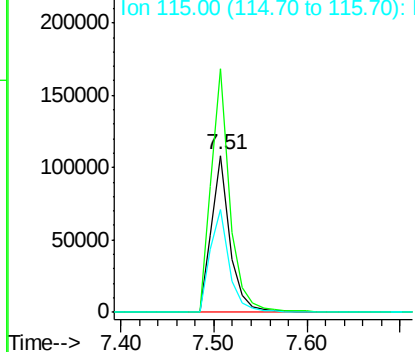
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087439.D
Acq: 27 May 2016 10:47

Instrument :
BNA_F
ClientSampleId :
1605104335

Tgt Ion:152 Resp: 150416
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 65.4 51.5 77.3



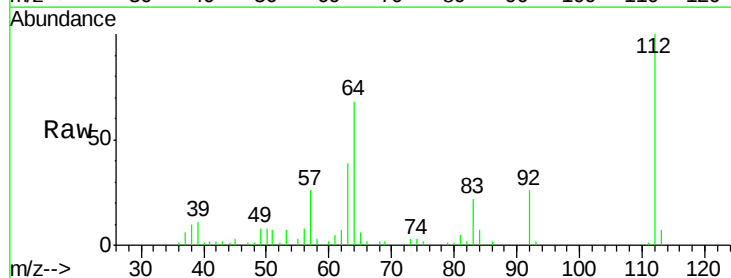
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



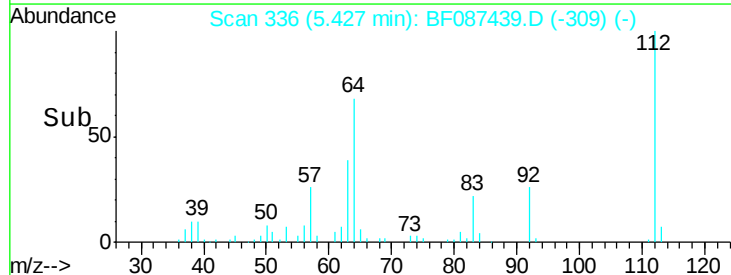
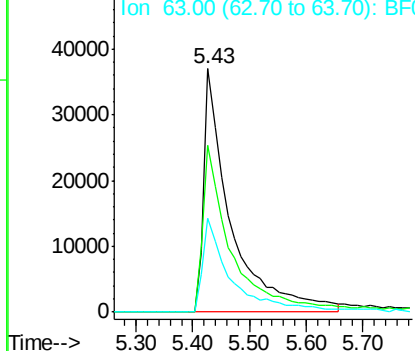
#5

2-Fluorophenol
Concen: 13.95 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.01 min
Lab File: BF087439.D
Acq: 27 May 2016 10:47

Tgt Ion:112 Resp: 119403
Ion Ratio Lower Upper
112 100
64 68.5 52.1 78.1
63 38.6 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: 21.14 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087439.D

Acq: 27 May 2016 10:47

Instrument :

BNA_F

ClientSampleId :

1605104335

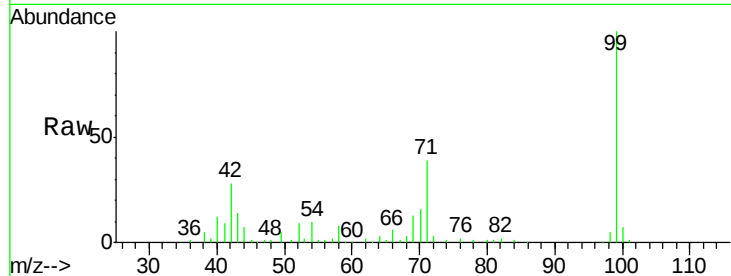
Tgt Ion: 99 Resp: 244464

Ion Ratio Lower Upper

99 100

42 28.4 13.6 20.4#

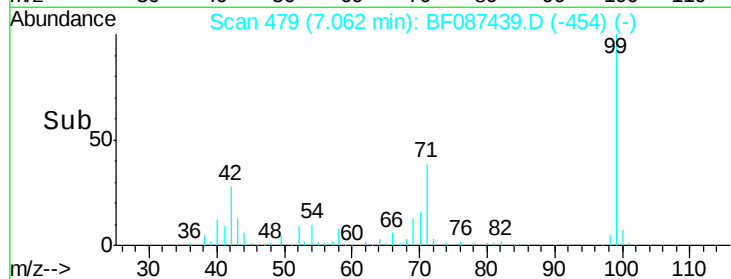
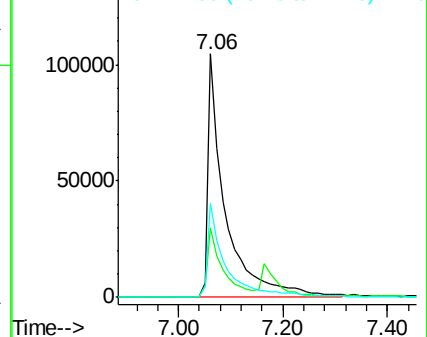
71 38.6 24.6 36.8#



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: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087439.D

Acq: 27 May 2016 10:47

Tgt Ion: 136 Resp: 599387

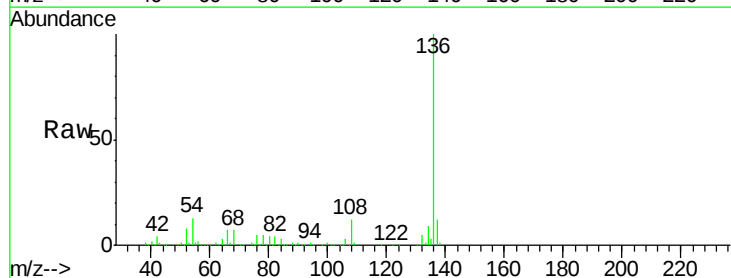
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 13.0 5.0 7.4#

68 6.6 4.4 6.6#

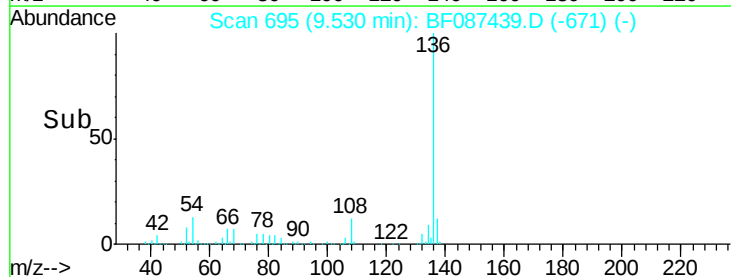
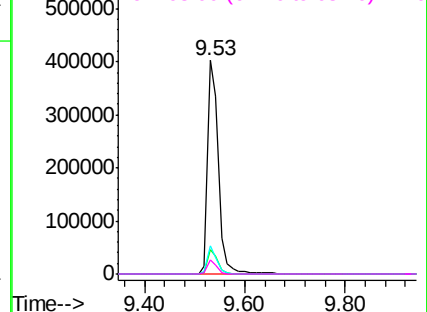


Abundance Ion 136.00 (135.70 to 136.70): E

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

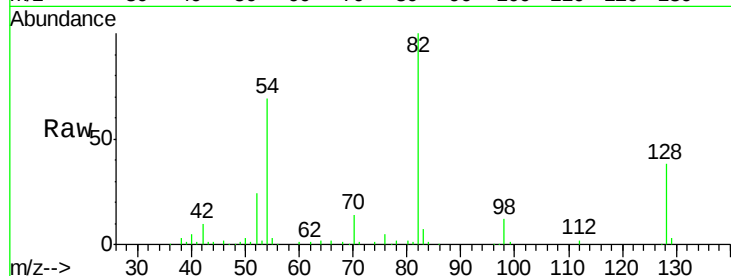




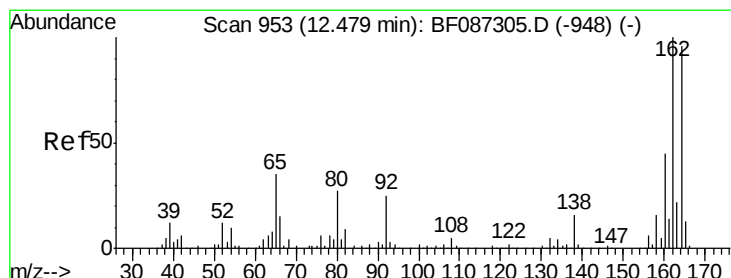
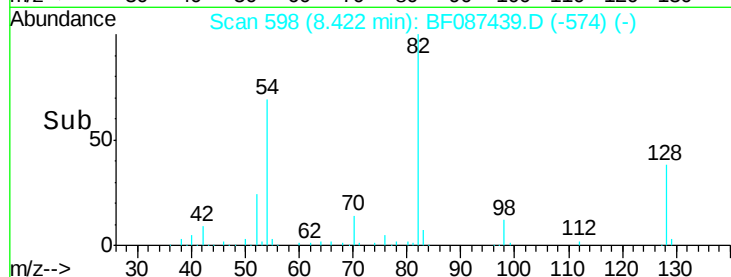
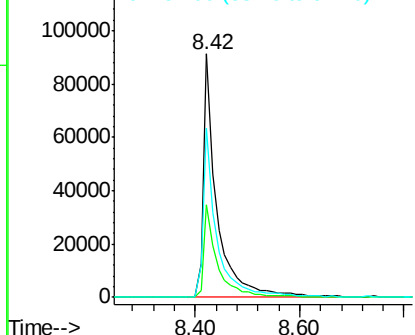
#23
 Nitrobenzene-d5
 Concen: 13.88 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087439.D
 Acq: 27 May 2016 10:47

Instrument :
 BNA_F
 ClientSampleId :
 1605104335

Tgt Ion: 82 Resp: 165043
 Ion Ratio Lower Upper
 82 100
 128 38.1 40.6 61.0#
 54 69.5 38.1 57.1#

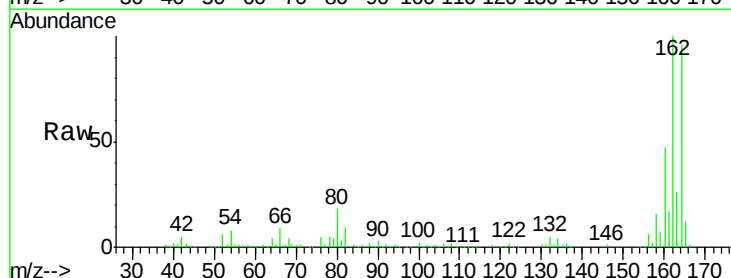


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

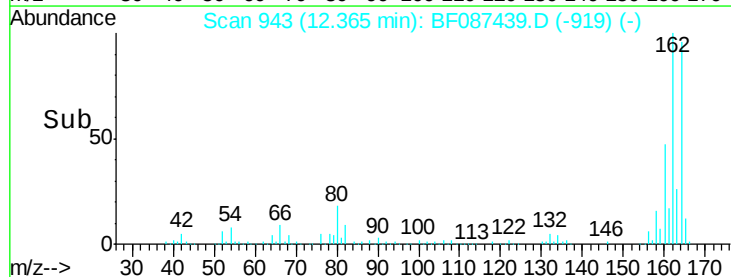
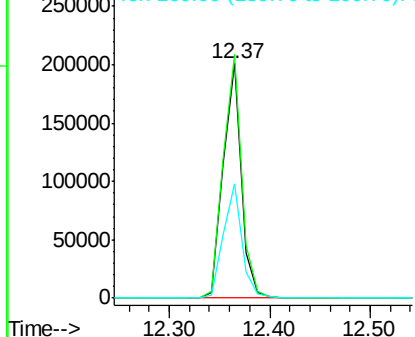


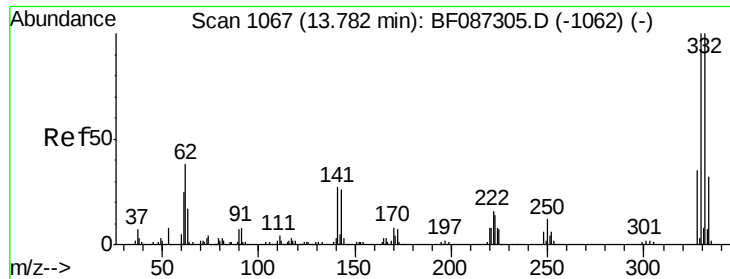
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087439.D
 Acq: 27 May 2016 10:47

Tgt Ion: 164 Resp: 252491
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.8 124.2
 160 48.8 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

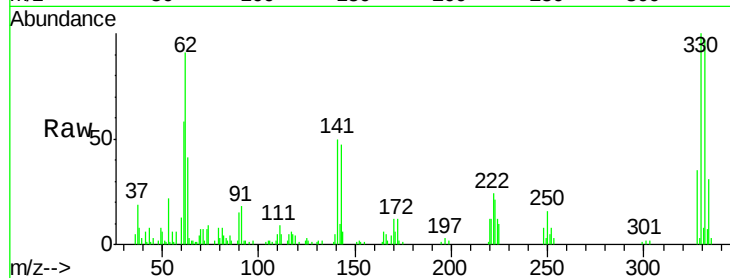




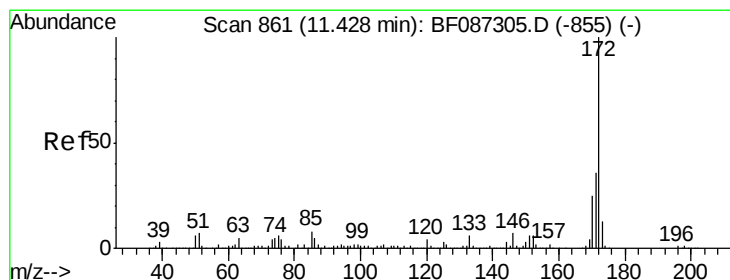
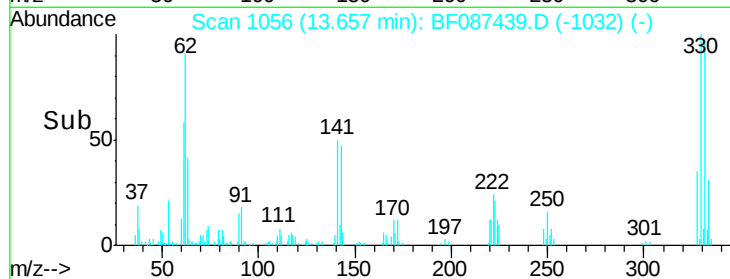
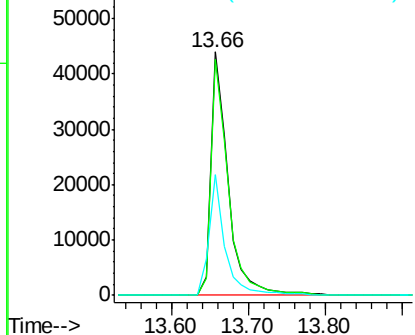
#41
 2,4,6-Tribromophenol
 Concen: 28.02 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087439.D
 Acq: 27 May 2016 10:47

Instrument :
 BNA_F
 ClientSampleId :
 1605104335

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	46.7	31.2	46.8

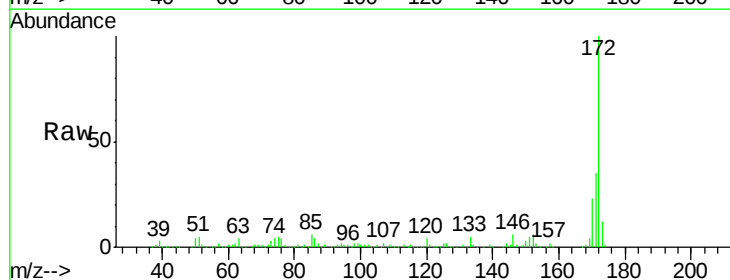


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

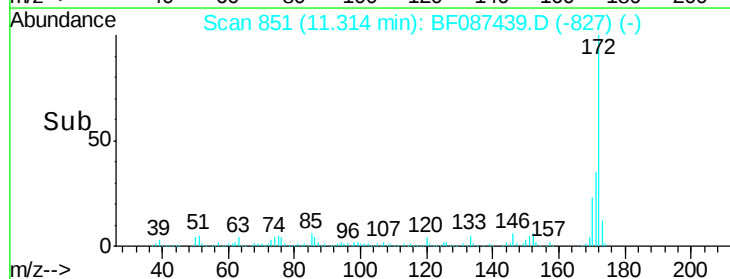
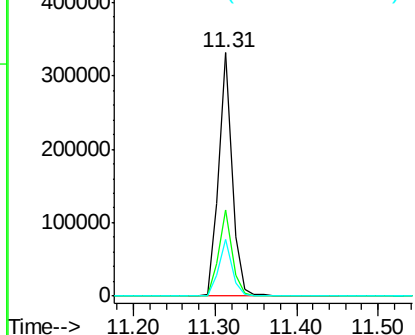


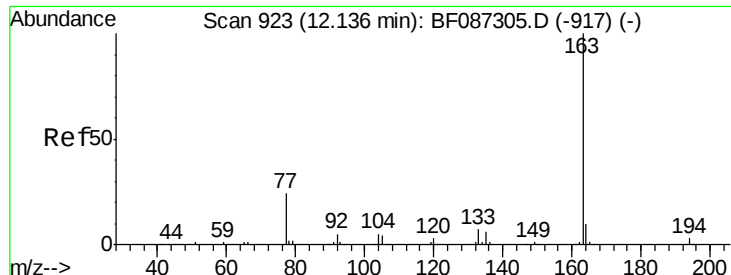
#44
 2-Fluorobiphenyl
 Concen: 21.39 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087439.D
 Acq: 27 May 2016 10:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.2	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

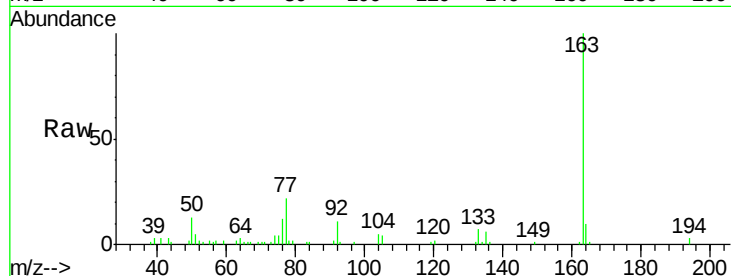




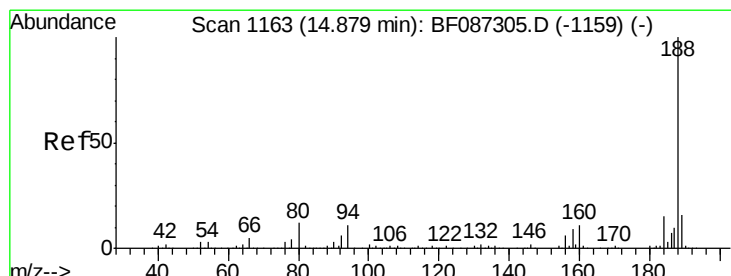
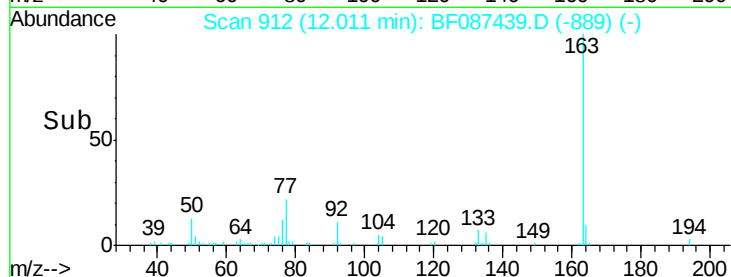
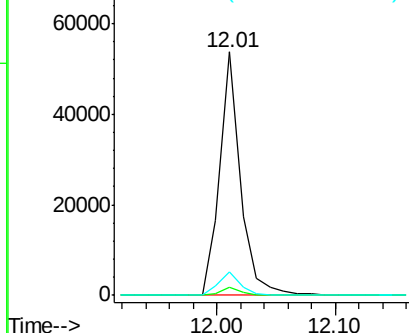
#49
Dimethylphthalate
Concen: 3.22 ng
RT: 12.01 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF087439.D
Acq: 27 May 2016 10:47

Instrument :
BNA_F
ClientSampleId :
1605104335

Tgt Ion:163 Resp: 65162
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.7 8.2 12.4

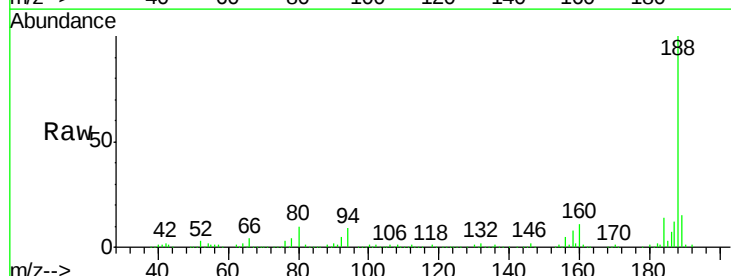


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

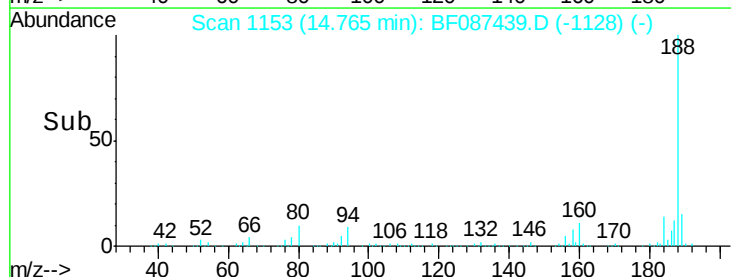
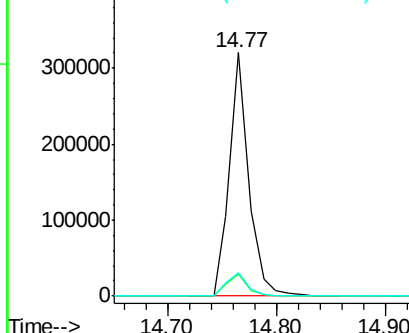


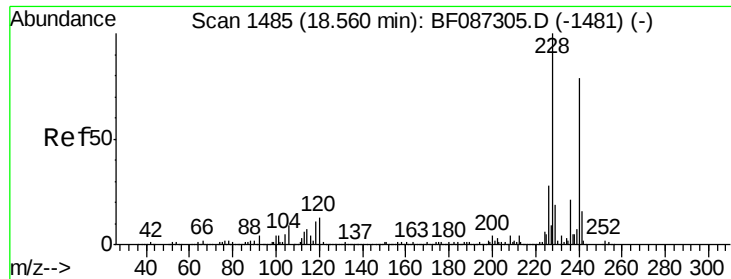
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087439.D
Acq: 27 May 2016 10:47

Tgt Ion:188 Resp: 394589
Ion Ratio Lower Upper
188 100
94 9.2 6.8 10.2
80 9.6 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: BF087439.D

Acq: 27 May 2016 10:47

Instrument :

BNA_F

ClientSampleId :

1605104335

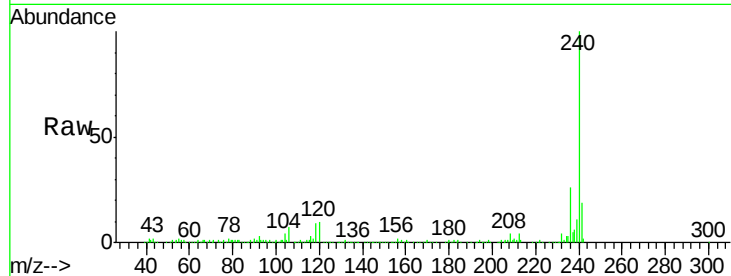
Tgt Ion:240 Resp: 321883

Ion Ratio Lower Upper

240 100

120 10.1 11.2 16.8#

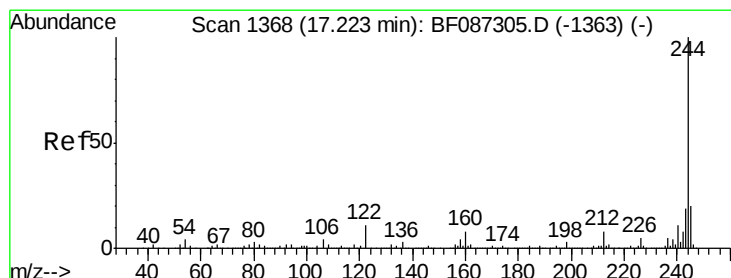
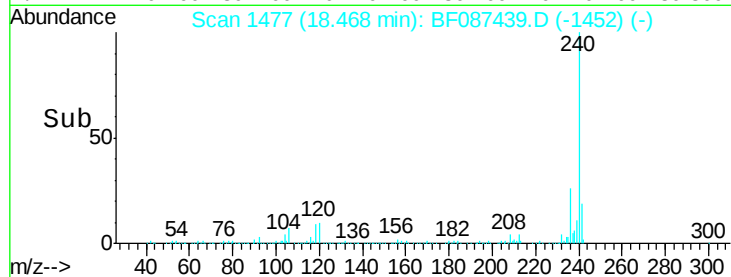
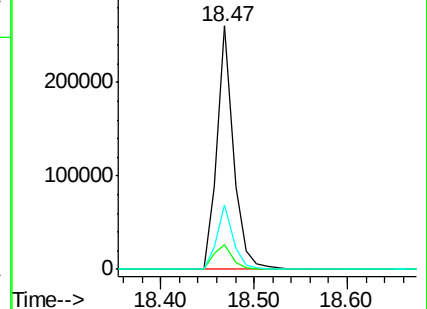
236 26.2 21.2 31.8



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: 19.50 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087439.D

Acq: 27 May 2016 10:47

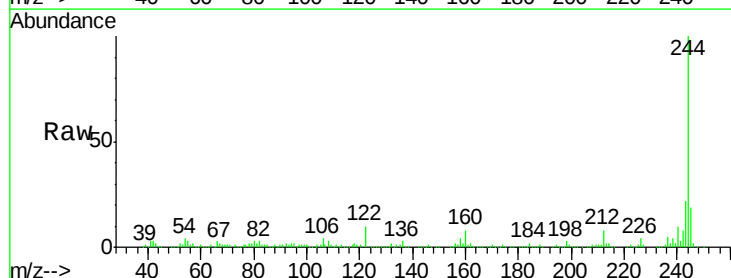
Tgt Ion:244 Resp: 295306

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

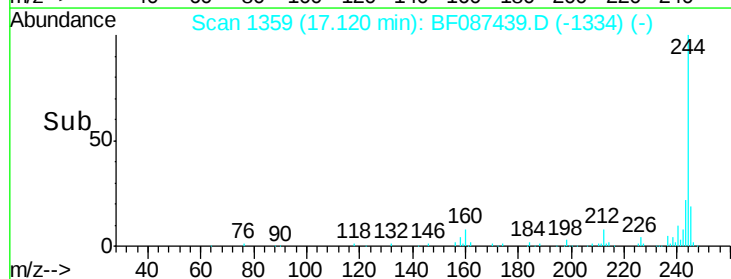
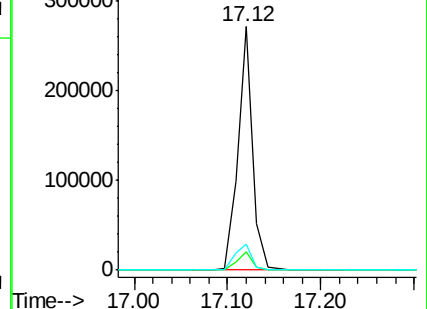
122 10.4 12.0 18.0#

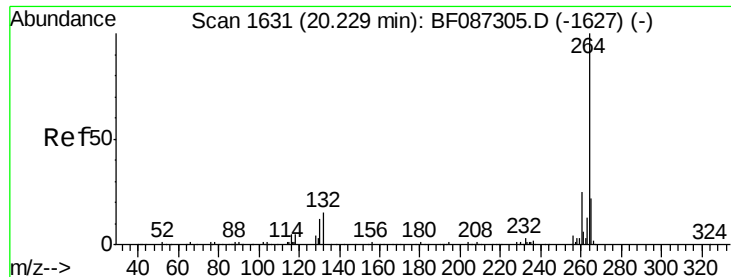


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087439.D
Acq: 27 May 2016 10:47

Instrument :
BNA_F
ClientSampleId :
1605104335

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	17.3	25.9

