

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087640.D
 Acq On : 2 Jun 2016 4:20
 Operator : UM/SJ
 Sample : H3349-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-32

Quant Time: Jun 02 07:18:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 02:13:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	100264	20.00	ng	0.01
21) Naphthalene-d8	9.46	136	427626	20.00	ng	0.00
38) Acenaphthene-d10	12.27	164	195142	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	368341	20.00	ng	0.00
75) Chrysene-d12	18.41	240	255497	20.00	ng	0.01
86) Perylene-d12	20.09	264	193829	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	164937	28.91	ng	0.06
7) Phenol-d6	7.03	99	185565	24.07	ng	0.02
23) Nitrobenzene-d5	8.34	82	393375	46.36	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	131582	70.17	ng	-0.01
44) 2-Fluorobiphenyl	11.22	172	692900	50.06	ng	-0.01
78) Terphenyl-d14	17.04	244	655090	54.51	ng	-0.01

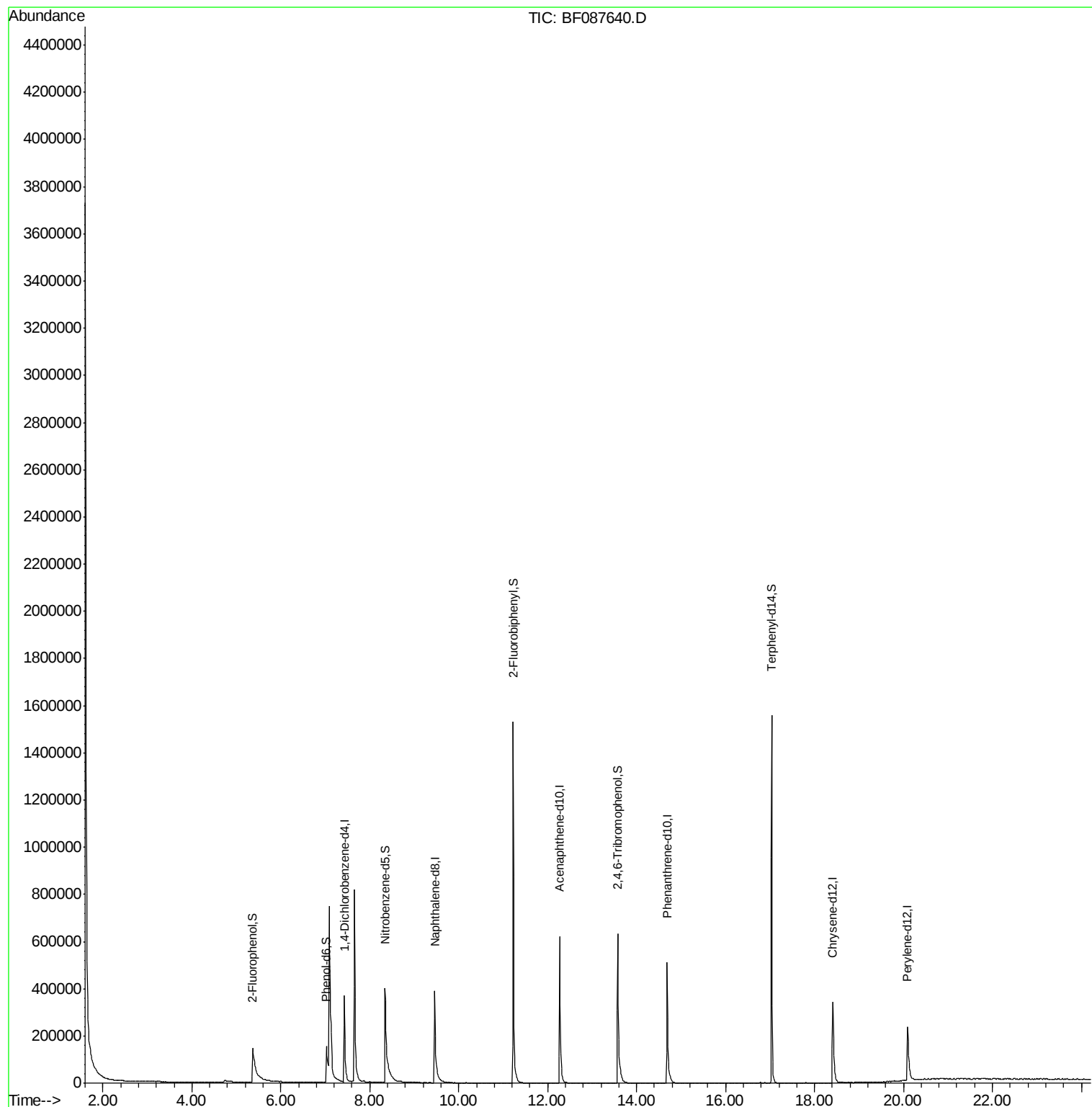
Target Compounds Qvalue

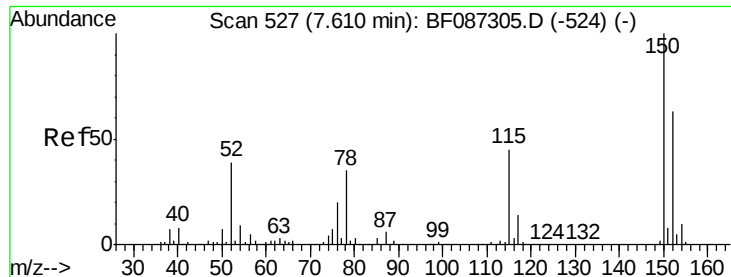
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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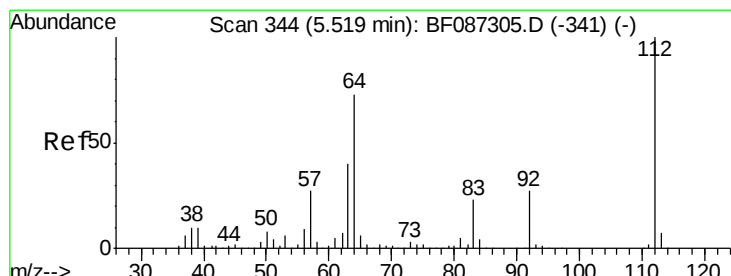
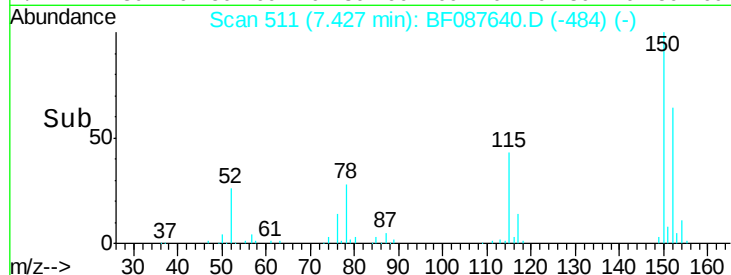
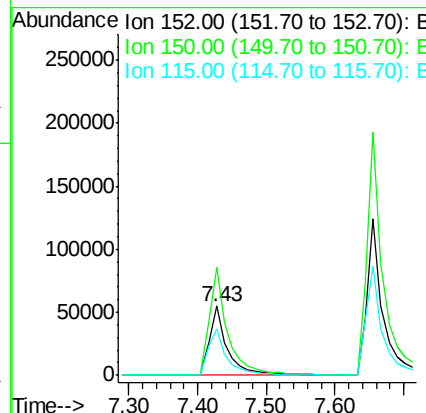
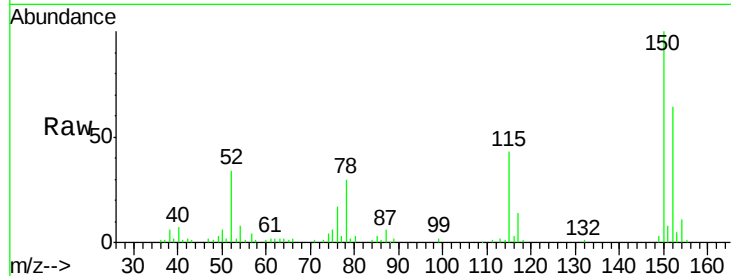


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF087640.D
Acq: 2 Jun 2016 4:20

Instrument :
BNA_F
ClientSampled :
W-32

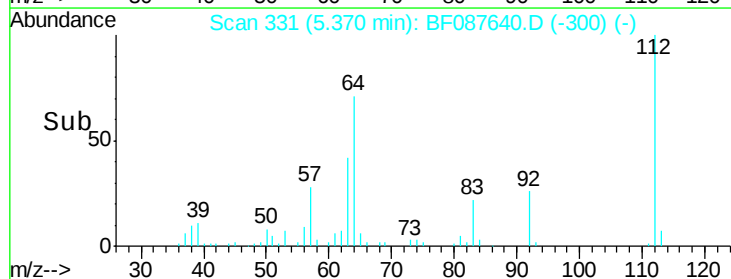
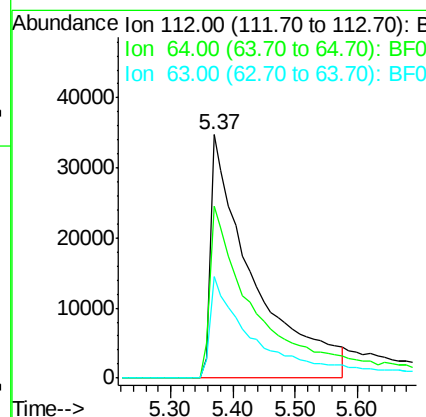
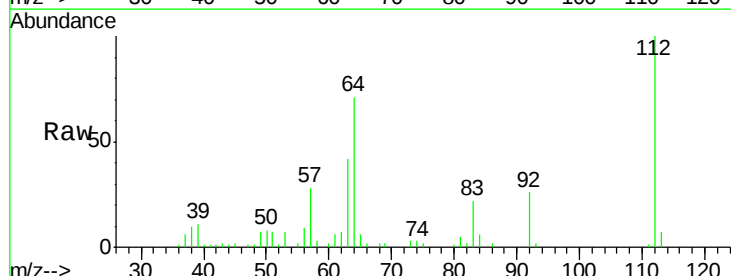
Tot Ion:152 Resp: 100264
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 67.8 51.5 77.3



#5

2-Fluorophenol
Concen: 28.91 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.06 min
Lab File: BF087640.D
Acq: 2 Jun 2016 4:20

Tgt Ion:112 Resp: 164937
Ion Ratio Lower Upper
112 100
64 70.8 52.1 78.1
63 41.9 25.7 38.5#





#7

Phenol-d6

Concen: 24.07 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.02 min

Lab File: BF087640.D

Acq: 2 Jun 2016 4:20

Instrument :

BNA_F

ClientSampleId :

W-32

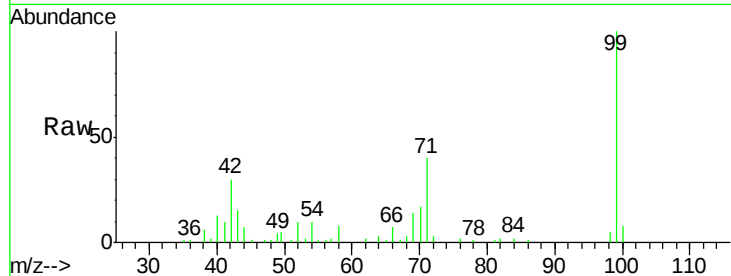
Tot Ion: 99 Resp: 185565

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

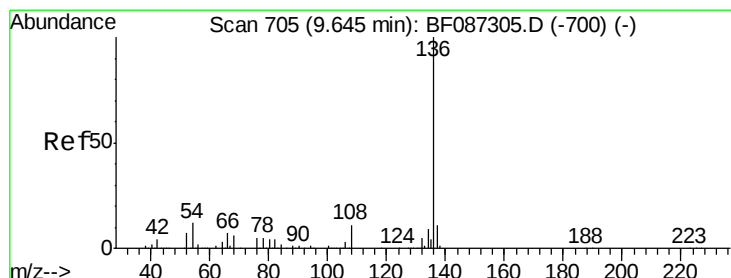
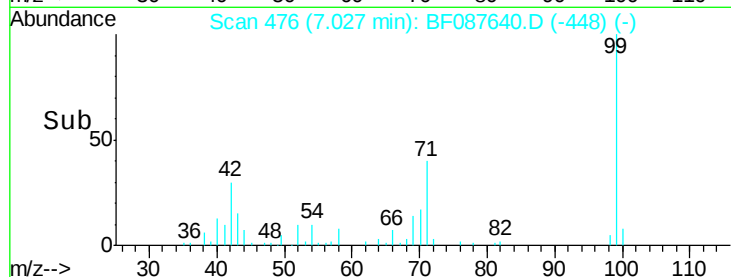
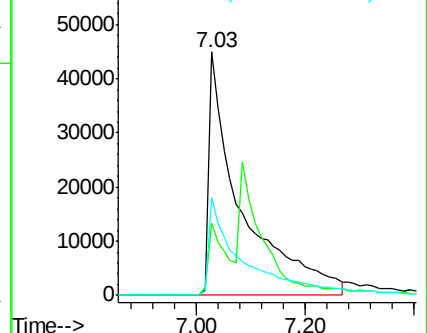
71 40.4 24.6 36.8#



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: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF087640.D

Acq: 2 Jun 2016 4:20

Tgt Ion: 136 Resp: 427626

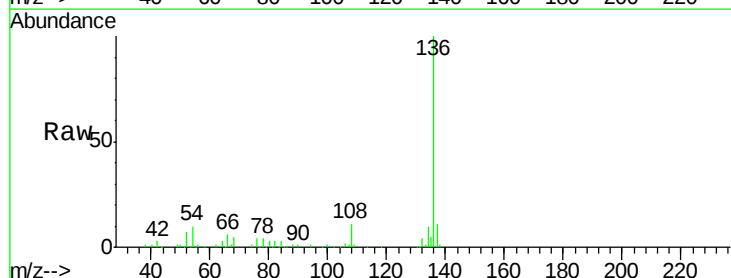
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 10.3 5.0 7.4#

68 5.1 4.4 6.6

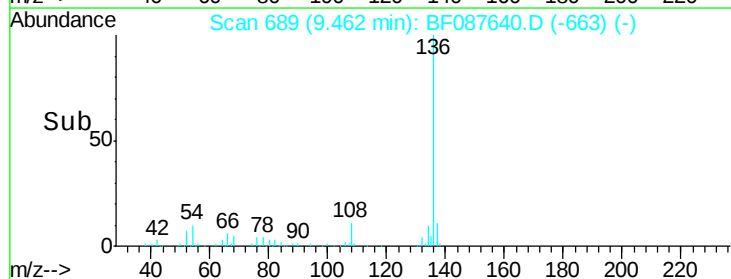
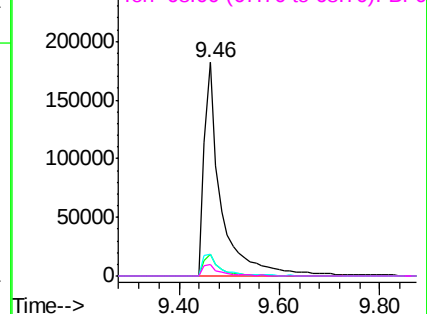


Abundance Ion 136.00 (135.70 to 136.70): E

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

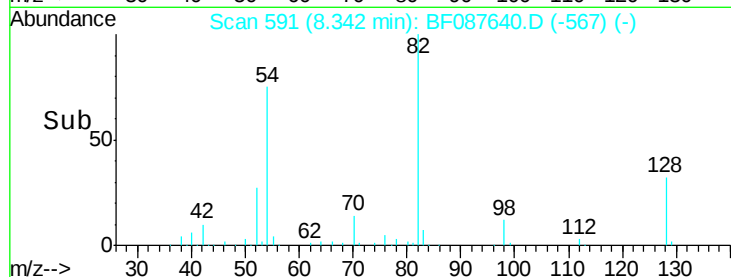
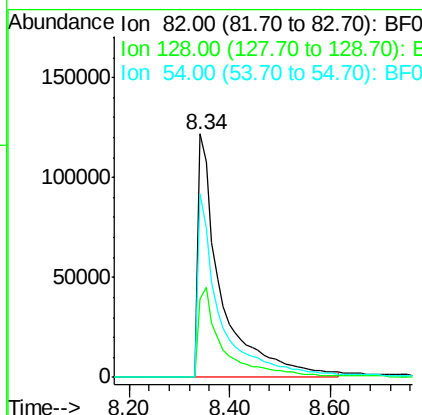
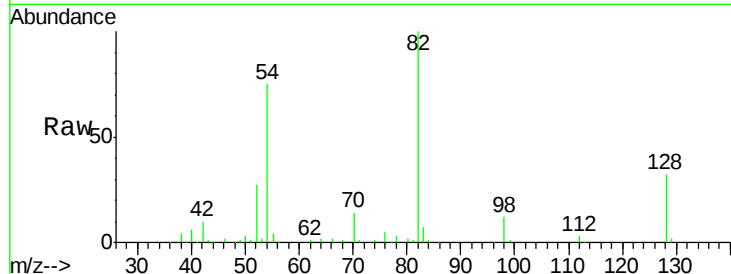




#23
 Nitrobenzene-d5
 Concen: 46.36 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BF087640.D
 Acq: 2 Jun 2016 4:20

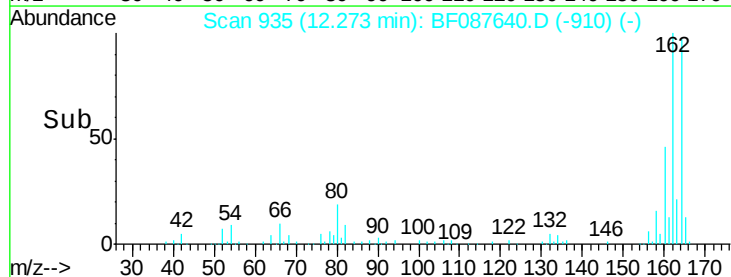
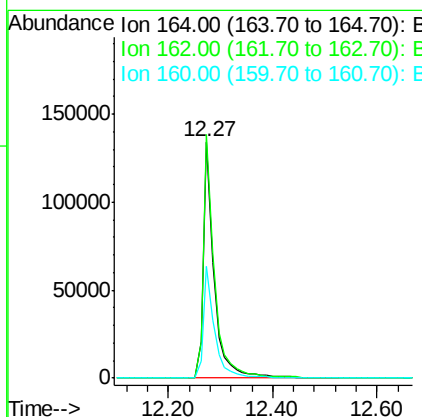
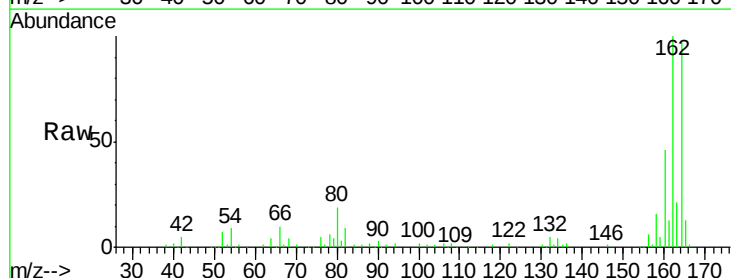
Instrument :
 BNA_F
 ClientSampleId :
 W-32

Tot Ion: 82 Resp: 393375
 Ion Ratio Lower Upper
 82 100
 128 32.3 40.6 61.0#
 54 75.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF087640.D
 Acq: 2 Jun 2016 4:20

Tgt Ion: 164 Resp: 195142
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.8 124.2
 160 47.6 36.9 55.3

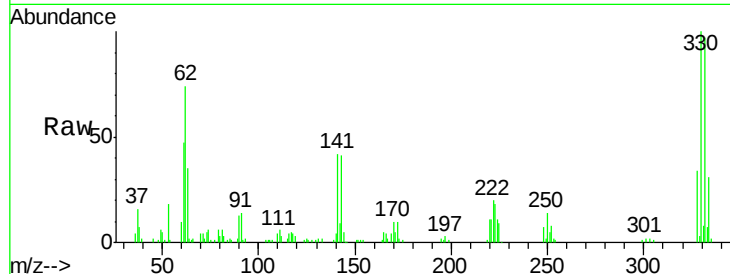




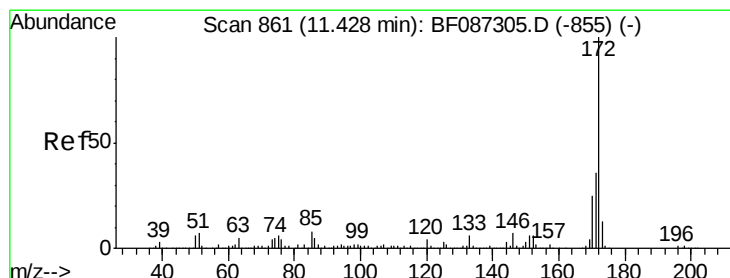
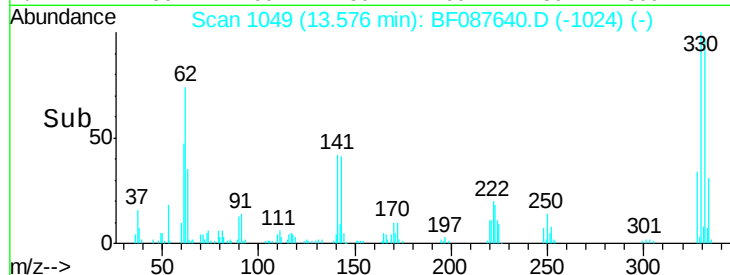
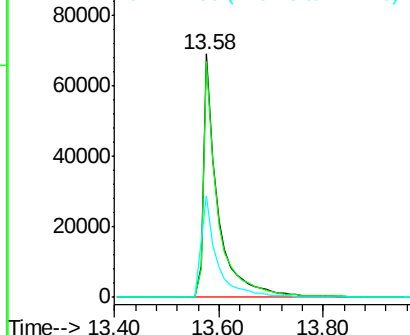
#41
 2,4,6-Tribromophenol
 Concen: 70.17 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF087640.D
 Acq: 2 Jun 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 W-32

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.0	118.4
141	46.4	31.2	46.8

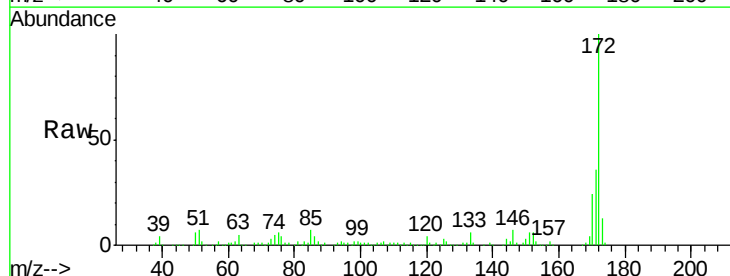


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

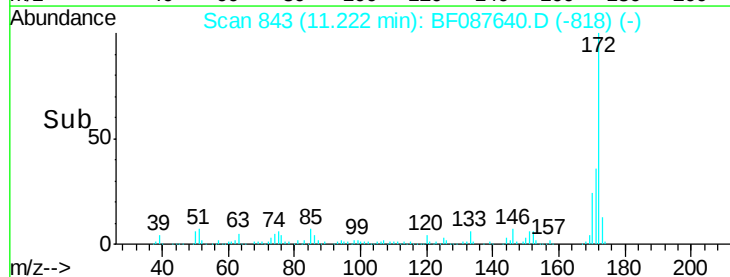
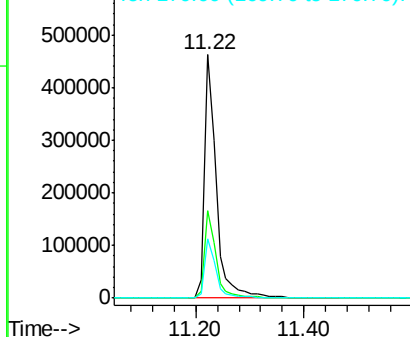


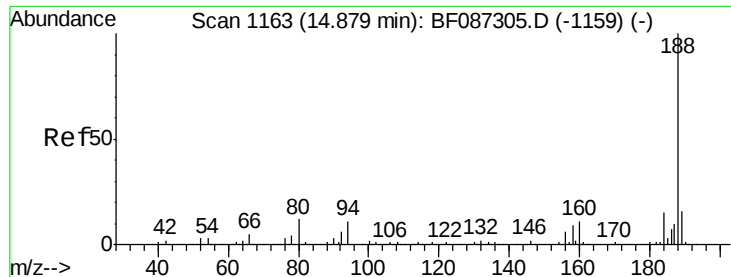
#44
 2-Fluorobiphenyl
 Concen: 50.06 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF087640.D
 Acq: 2 Jun 2016 4:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.2	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

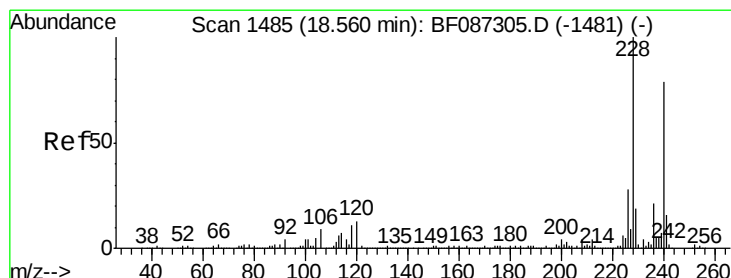
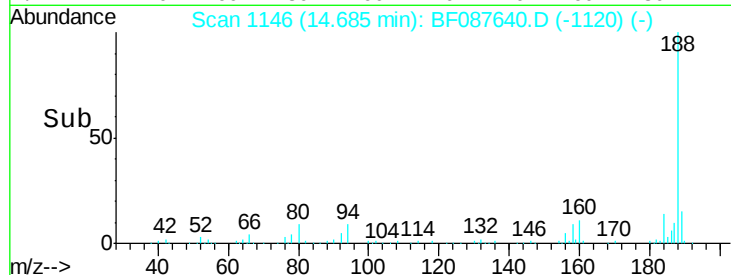
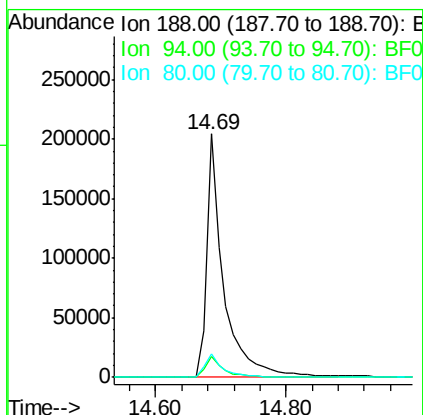
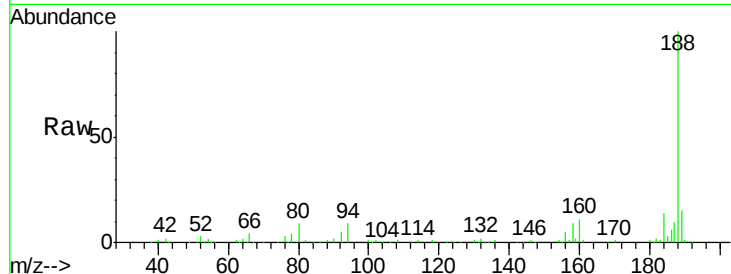




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF087640.D
Acq: 2 Jun 2016 4:20

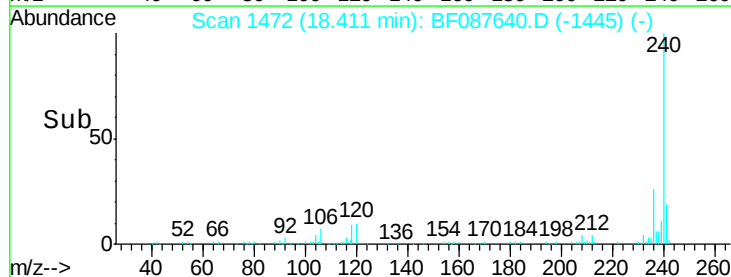
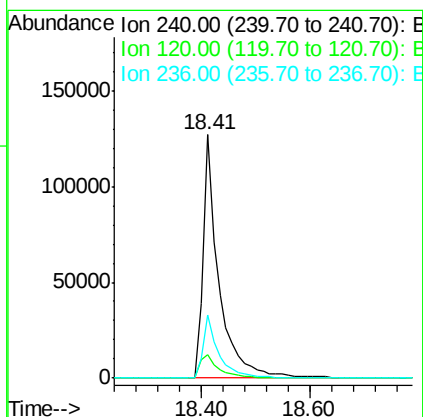
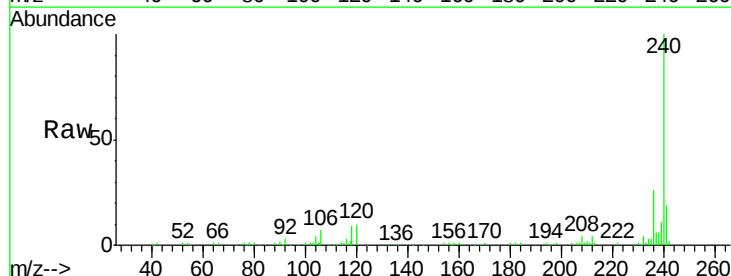
Instrument :
BNA_F
ClientSampled :
W-32

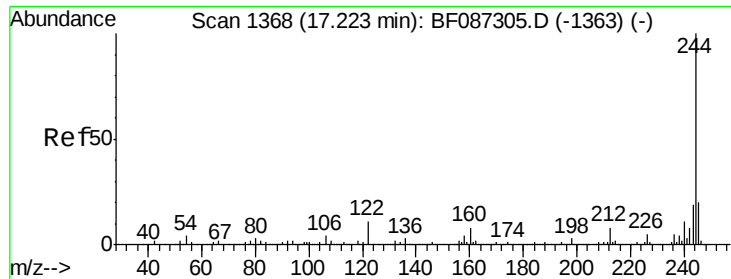
Tot Ion:188 Resp: 368341
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.5 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.41 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BF087640.D
Acq: 2 Jun 2016 4:20

Tgt Ion:240 Resp: 255497
Ion Ratio Lower Upper
240 100
120 9.7 11.2 16.8#
236 25.7 21.2 31.8





#78

Terphenyl-d14

Concen: 54.51 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF087640.D

Acq: 2 Jun 2016 4:20

Instrument :

BNA_F

ClientSampleId :

W-32

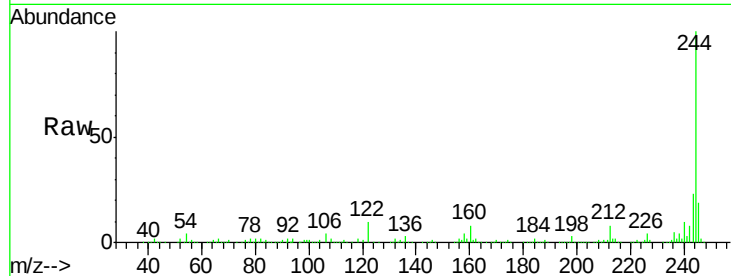
Tot Ion:244 Resp: 655090

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

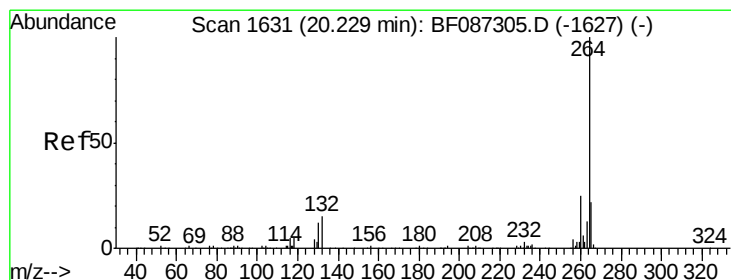
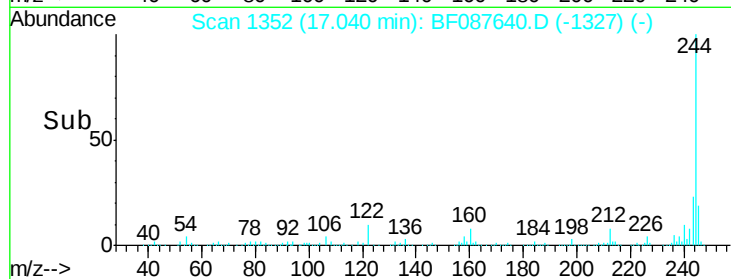
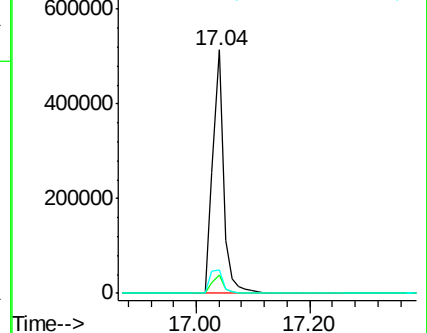
122 9.7 12.0 18.0#



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: 20.09 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF087640.D

Acq: 2 Jun 2016 4:20

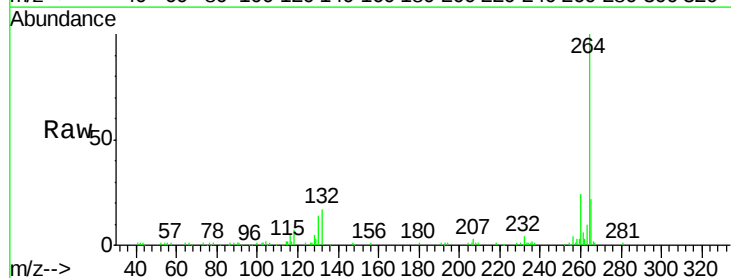
Tgt Ion:264 Resp: 193829

Ion Ratio Lower Upper

264 100

260 24.3 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

