

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087632.D
 Acq On : 1 Jun 2016 23:45
 Operator : UM/SJ
 Sample : H3349-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Quant Time: Jun 02 03:33:45 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

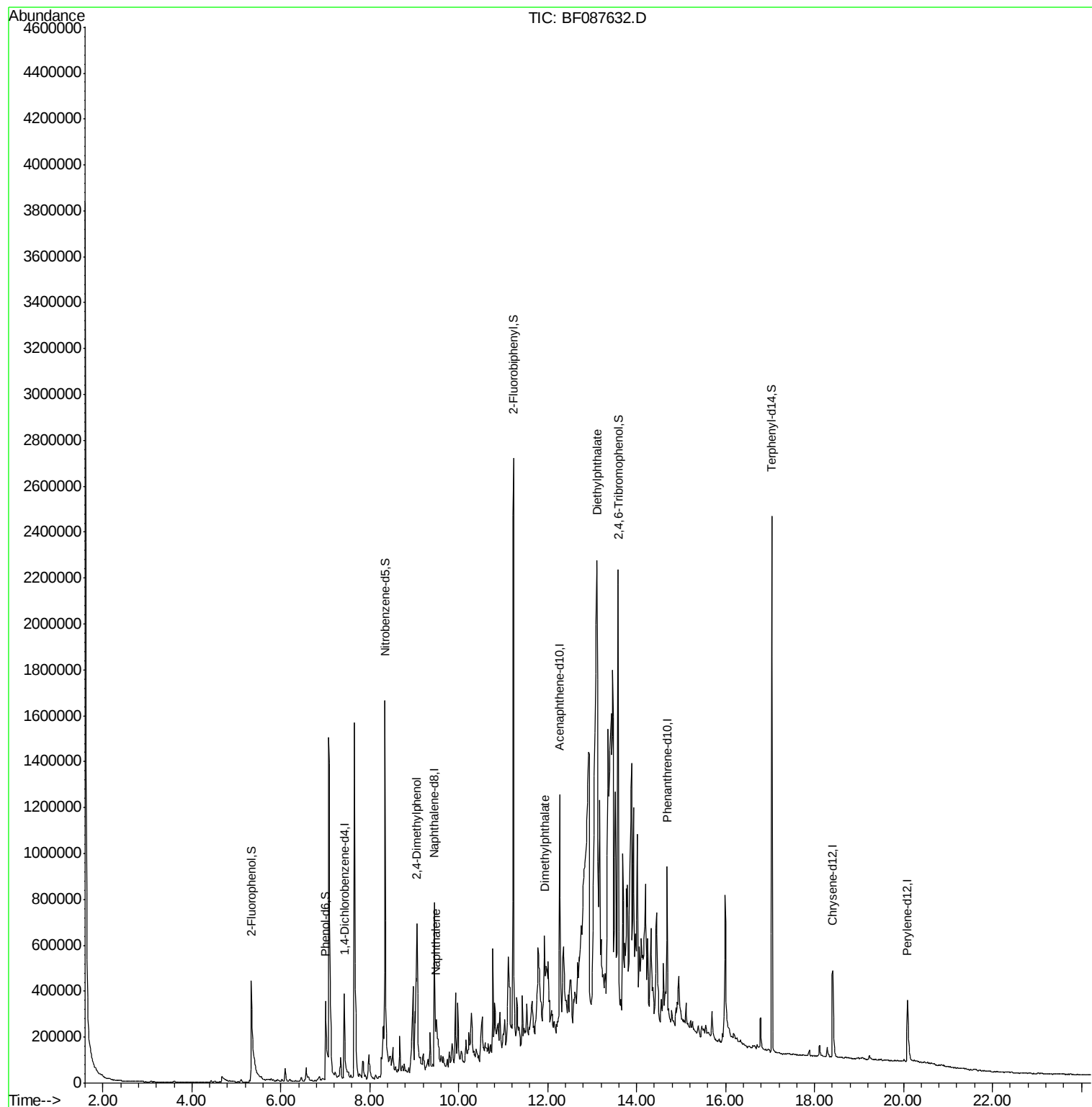
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	100585	20.00	ng	0.01
21) Naphthalene-d8	9.45	136	393700	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	214757	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	333021	20.00	ng	0.00
75) Chrysene-d12	18.41	240	250554	20.00	ng	0.01
86) Perylene-d12	20.09	264	184590	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	343337	59.98	ng	0.02
7) Phenol-d6	7.00	99	316618	40.93	ng	0.00
23) Nitrobenzene-d5	8.34	82	753349	96.44	ng	-0.02
41) 2,4,6-Tribromophenol	13.59	330	300919	145.81	ng	0.00
44) 2-Fluorobiphenyl	11.23	172	1253714	82.30	ng	0.00
78) Terphenyl-d14	17.04	244	1008123	85.54	ng	-0.01
Target Compounds						
27) 2,4-Dimethylphenol	9.06	122	54057	9.24	ng	Qvalue 85
31) Naphthalene	9.50	128	112364	5.70	ng	# 95
49) Dimethylphthalate	11.93	163	79702	4.63	ng	# 78
59) Diethylphthalate	13.11	149	720907	43.10	ng	# 72

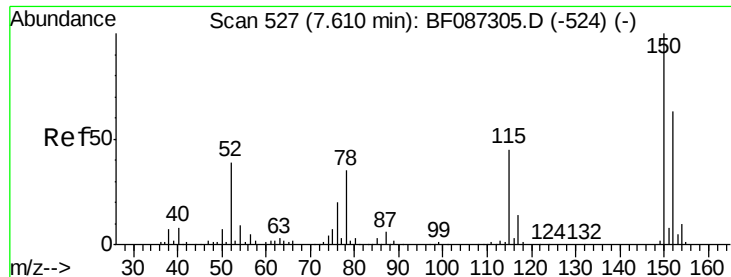
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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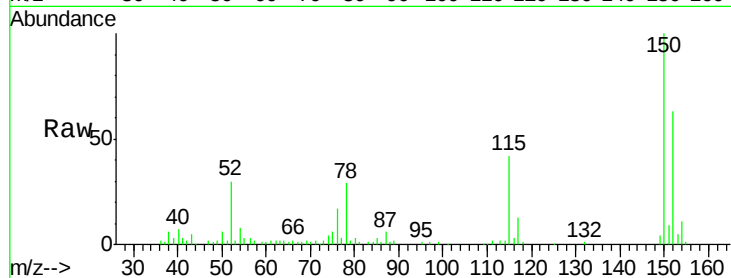


#1

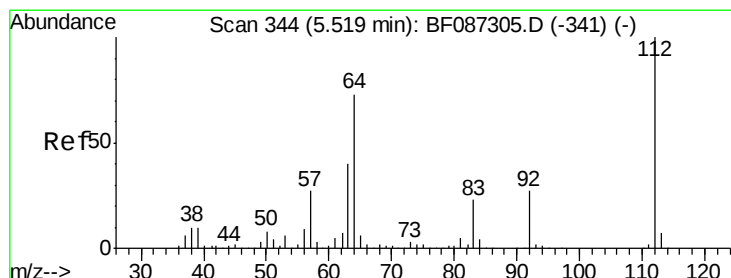
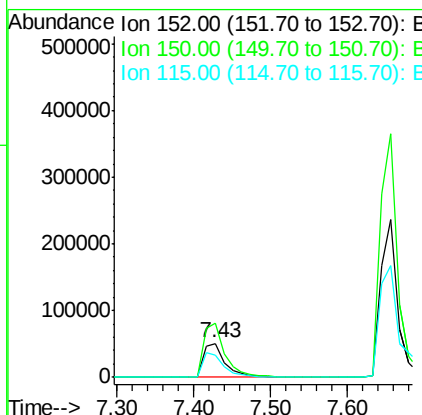
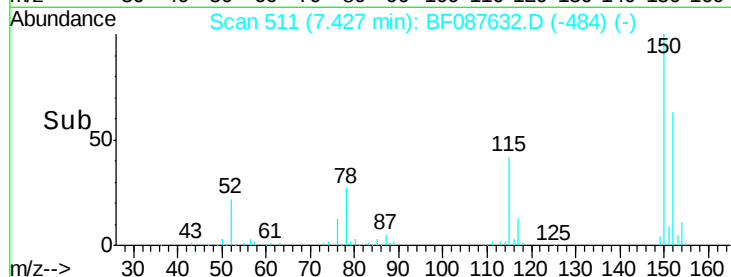
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

Instrument :
BNA_F
ClientSampled :
W-15

Tot Ion:152 Resp: 100585
Ion Ratio Lower Upper
152 100
150 159.1 125.8 188.6
115 66.3 51.5 77.3



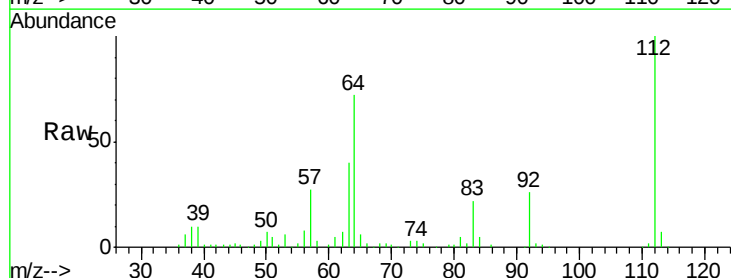
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



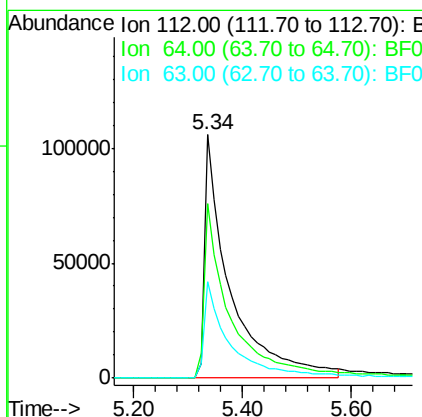
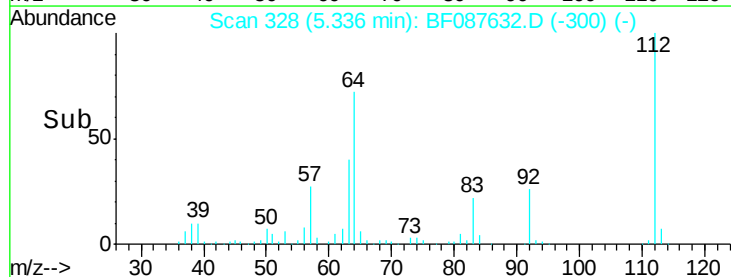
#5

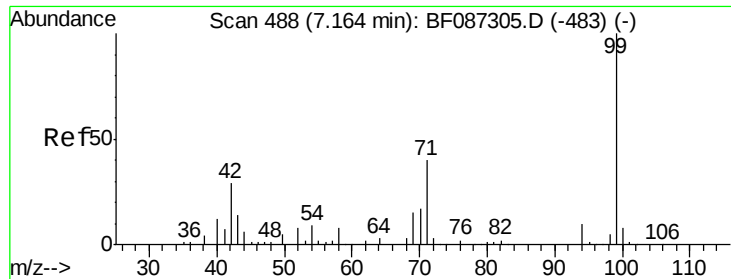
2-Fluorophenol
Concen: 59.98 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

Tgt Ion:112 Resp: 343337
Ion Ratio Lower Upper
112 100
64 71.9 52.1 78.1
63 39.6 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: 40.93 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

Instrument :

BNA_F

ClientSampled :

W-15

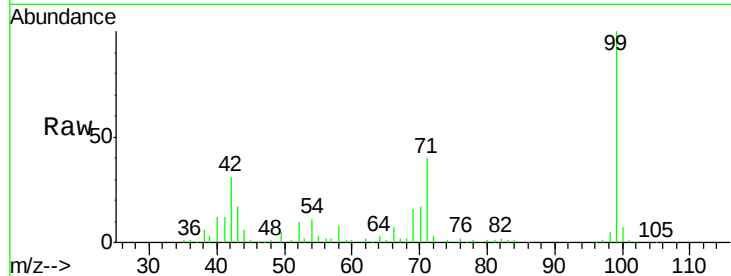
Tot Ion: 99 Resp: 316618

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

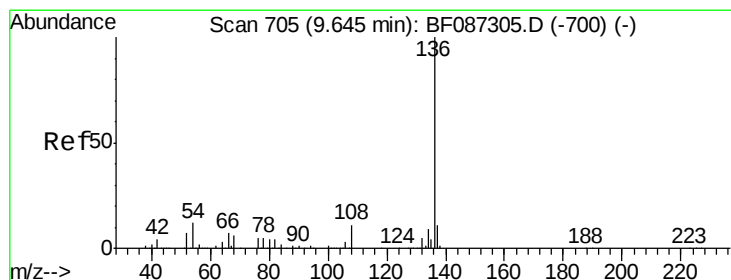
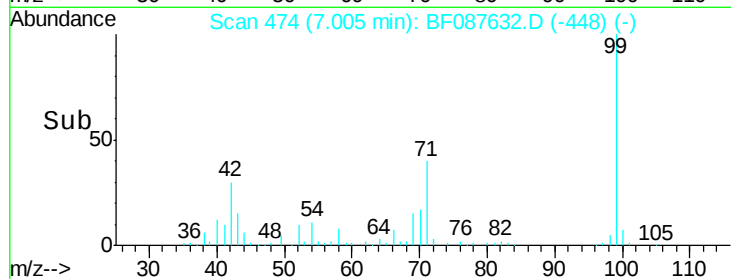
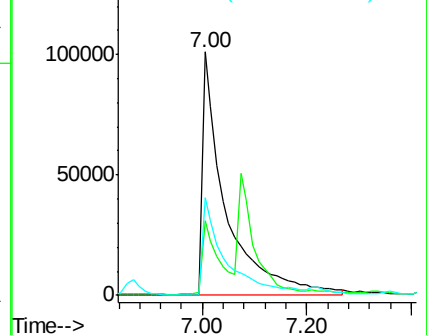
71 40.2 24.6 36.8#



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: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

Tgt Ion: 136 Resp: 393700

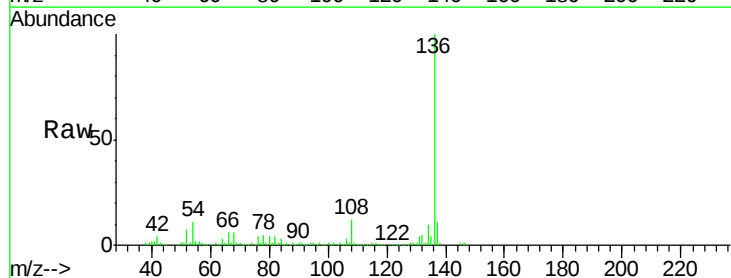
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 11.3 5.0 7.4#

68 5.5 4.4 6.6

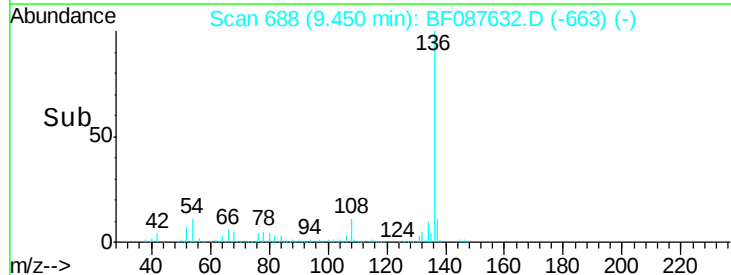
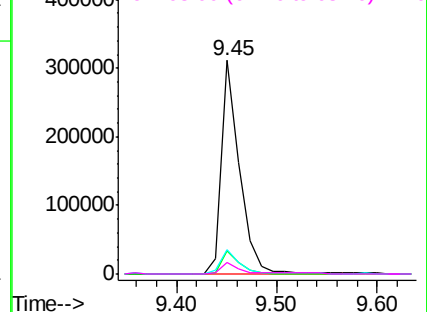


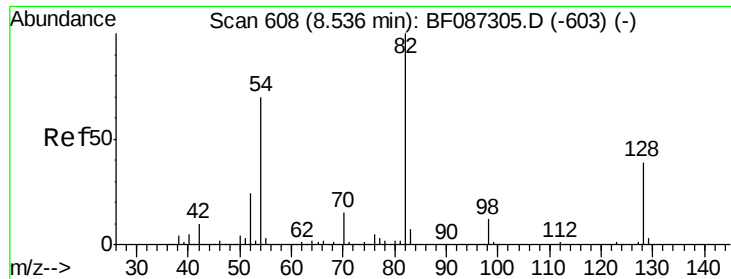
Abundance Ion 136.00 (135.70 to 136.70): E

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

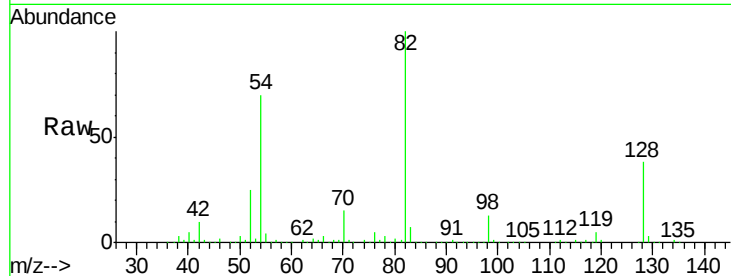




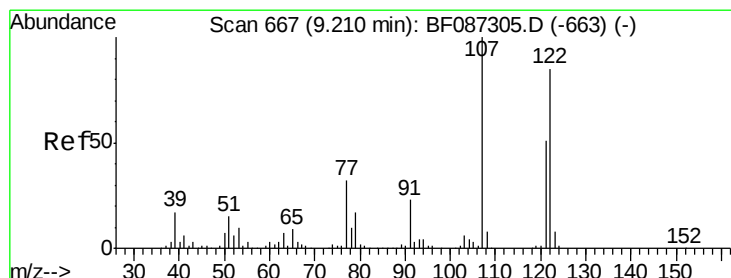
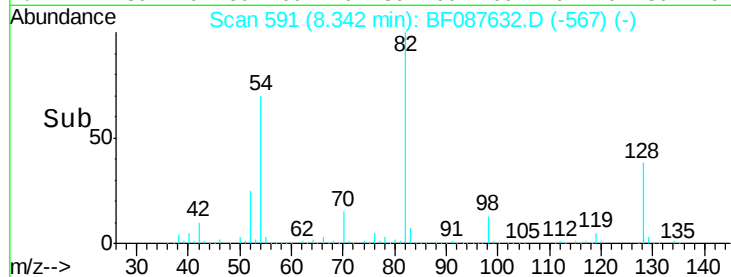
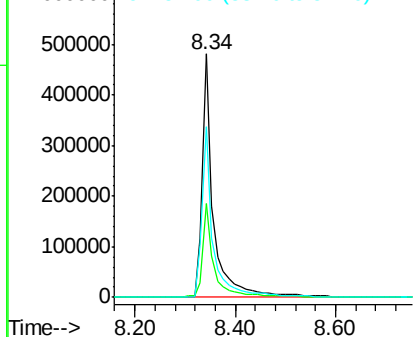
#23
Nitrobenzene-d5
Concen: 96.44 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.02 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
W-15

Tot Ion: 82 Resp: 753349
Ion Ratio Lower Upper
82 100
128 38.4 40.6 61.0#
54 70.3 38.1 57.1#

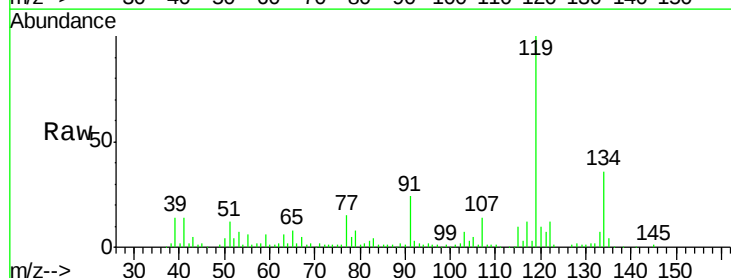


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

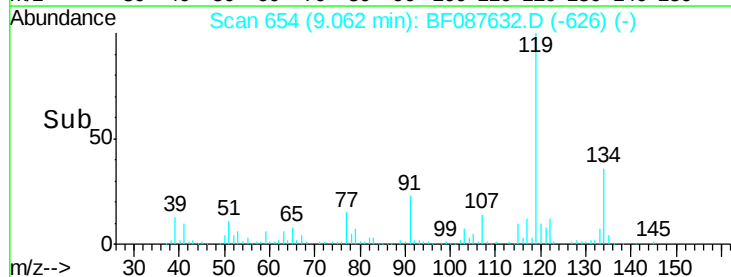
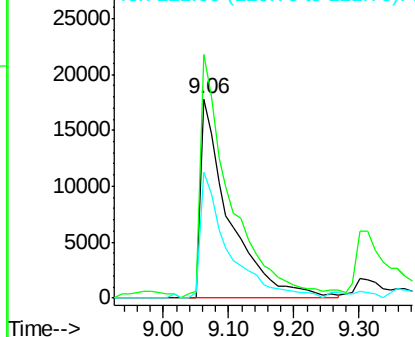


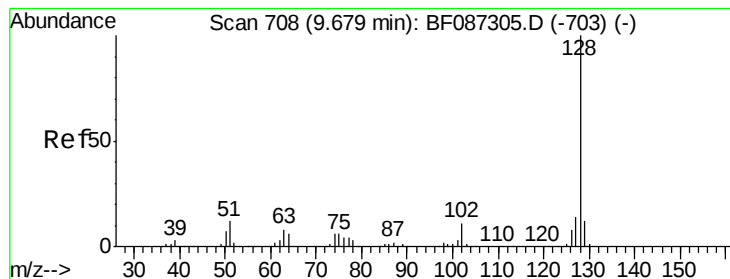
#27
2,4-Dimethylphenol
Concen: 9.24 ng
RT: 9.06 min Scan# 654
Delta R.T. 0.02 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

Tgt Ion:122 Resp: 54057
Ion Ratio Lower Upper
122 100
107 122.5 82.0 123.0
121 63.2 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 5.70 ng

RT: 9.50 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

Instrument :

BNA_F

ClientSampleId :

W-15

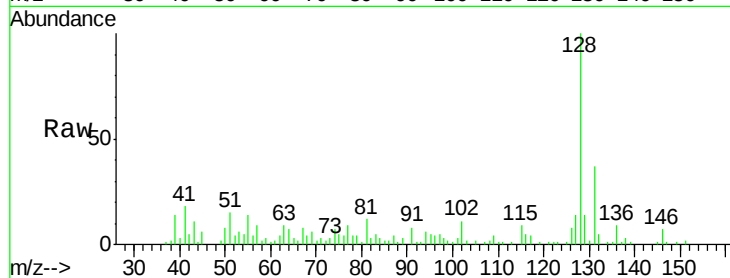
Tot Ion:128 Resp: 112364

Ion Ratio Lower Upper

128 100

129 14.3 8.6 13.0#

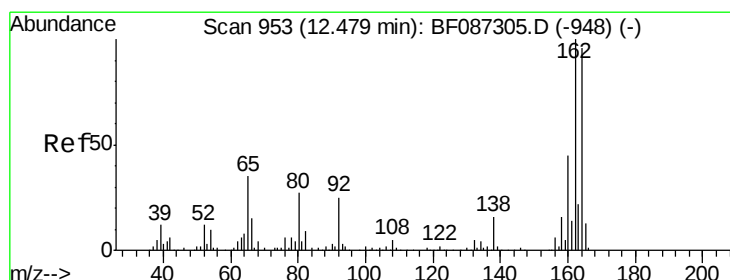
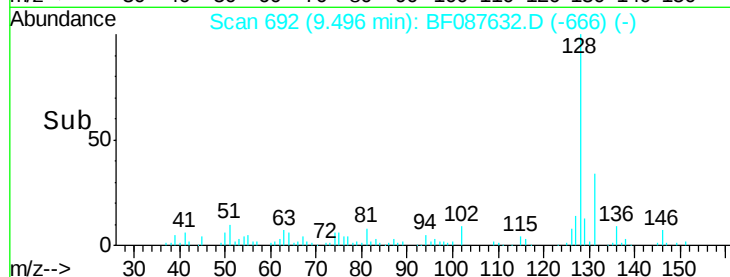
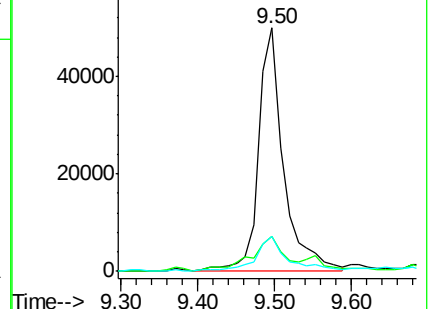
127 14.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

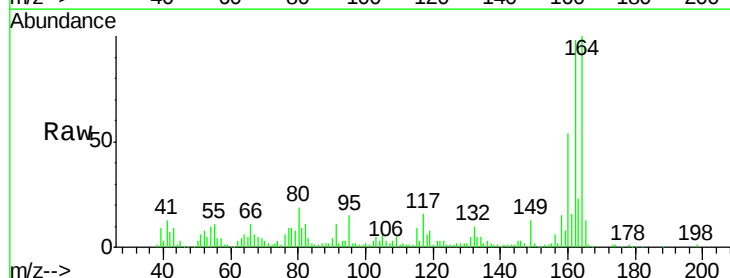
Tgt Ion:164 Resp: 214757

Ion Ratio Lower Upper

164 100

162 98.4 82.8 124.2

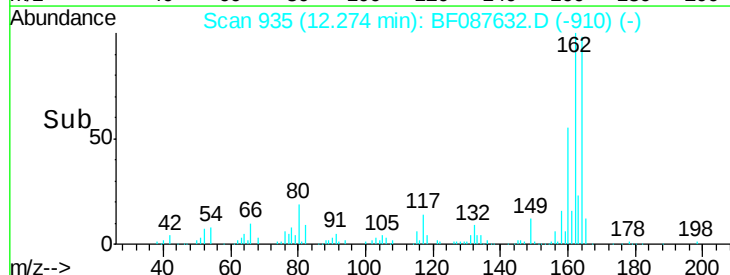
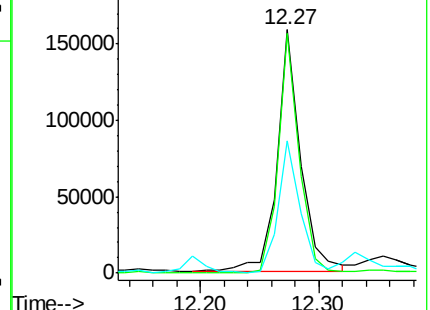
160 54.4 36.9 55.3

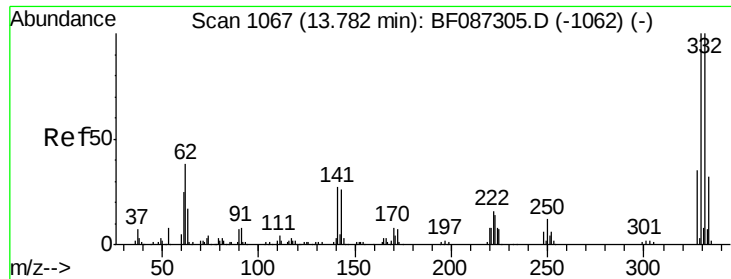


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

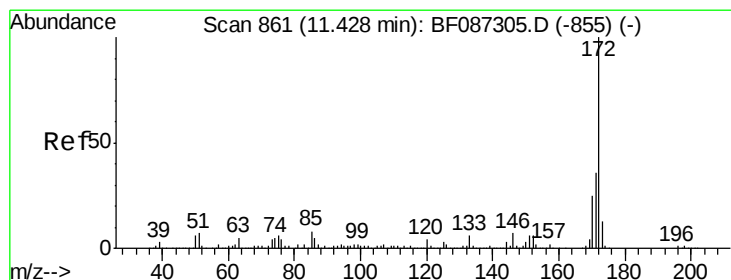
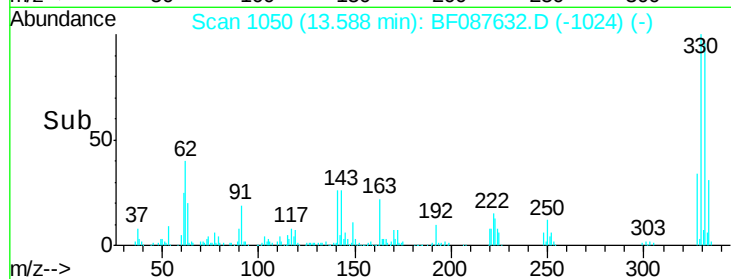
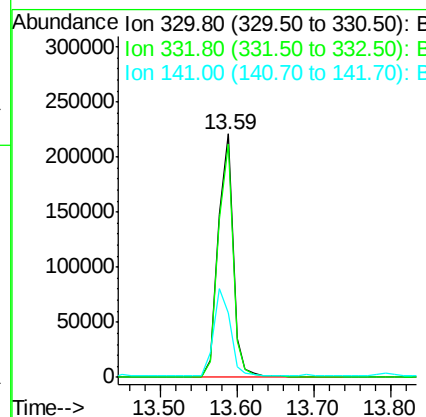
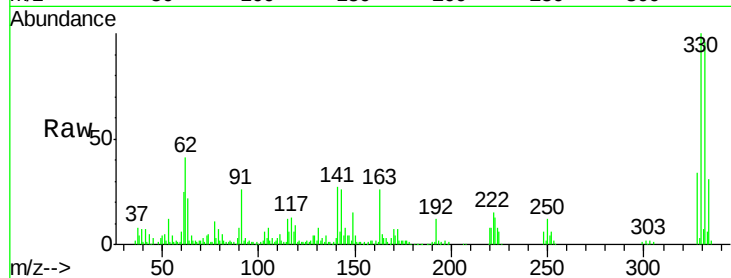




#41
 2,4,6-Tribromophenol
 Concen: 145.81 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF087632.D
 Acq: 1 Jun 2016 23:45

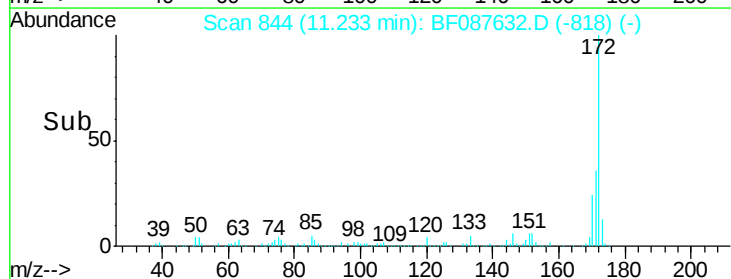
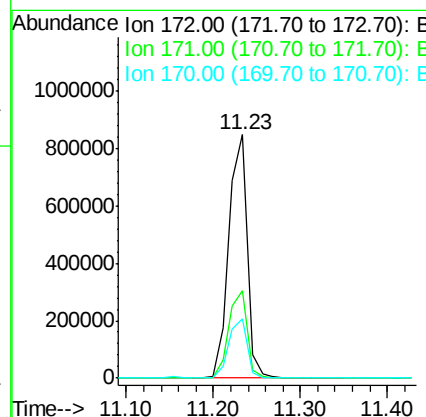
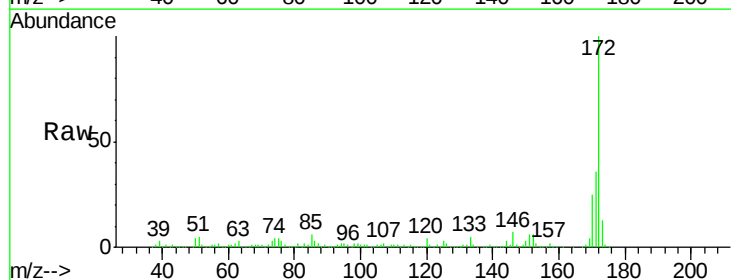
Instrument :
 BNA_F
 ClientSampleId :
 W-15

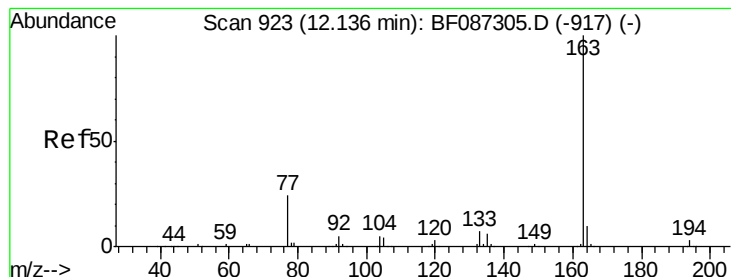
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	39.1	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 82.30 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF087632.D
 Acq: 1 Jun 2016 23:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.5	19.8	29.8





#49

Dimethylphthalate

Concen: 4.63 ng

RT: 11.93 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

Instrument :

BNA_F

ClientSampleId :

W-15

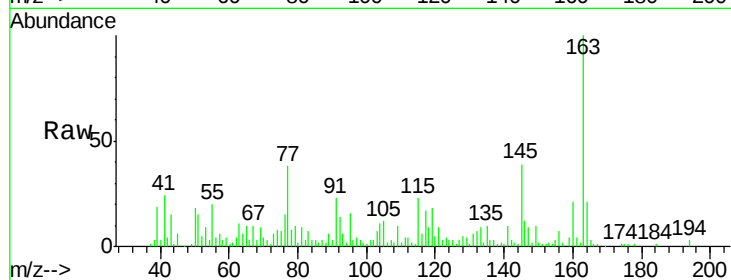
Tot Ion:163 Resp: 79702

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

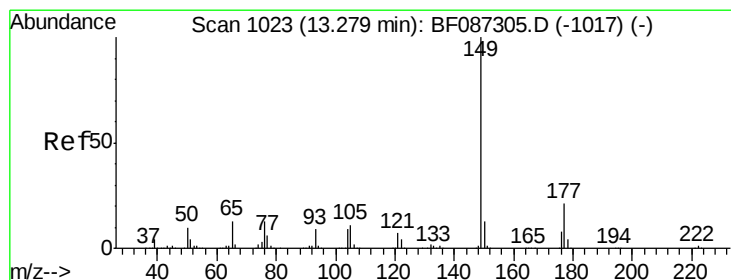
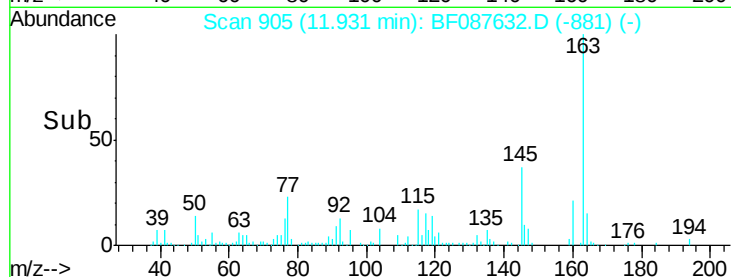
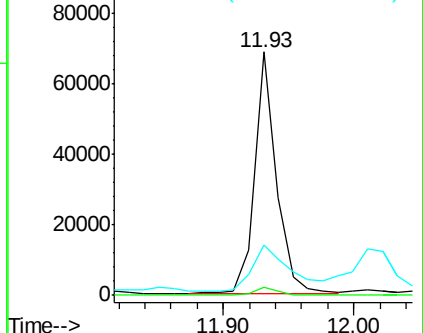
164 20.9 8.2 12.4#



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



#59

Diethylphthalate

Concen: 43.10 ng

RT: 13.11 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

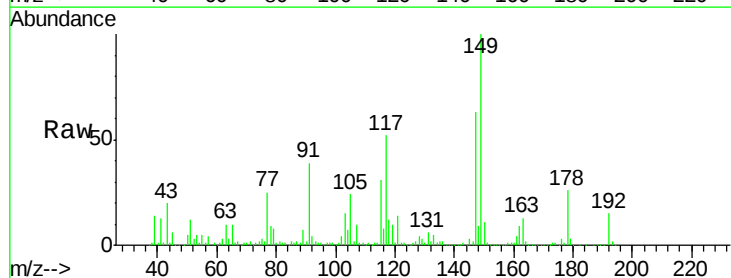
Tgt Ion:149 Resp: 720907

Ion Ratio Lower Upper

149 100

177 1.0 16.6 24.8#

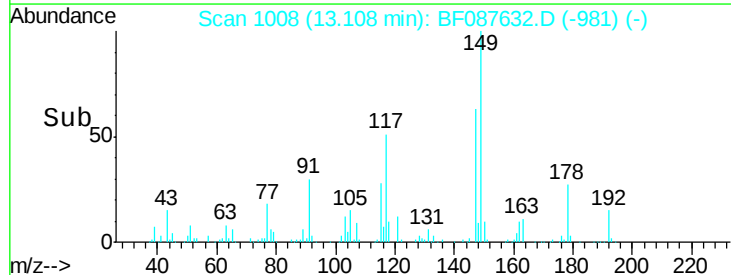
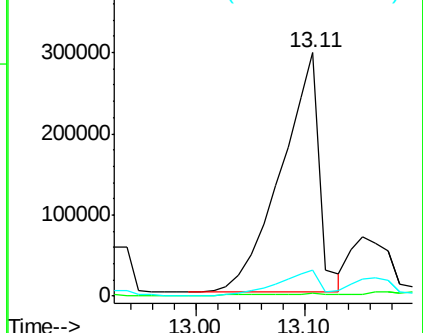
150 10.7 10.0 15.0

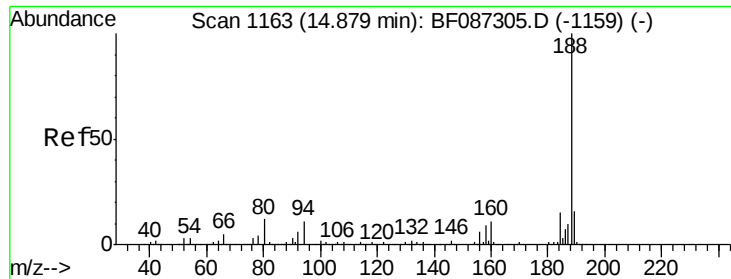


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

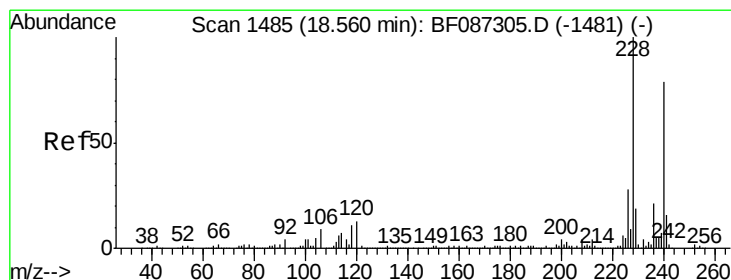
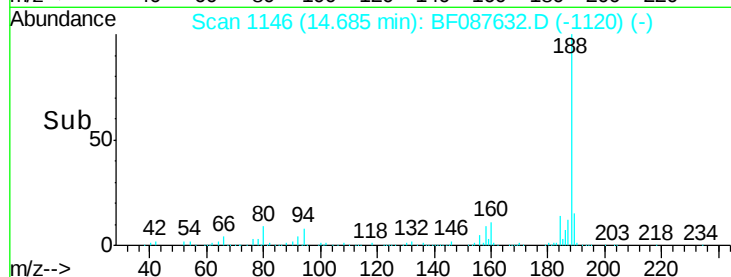
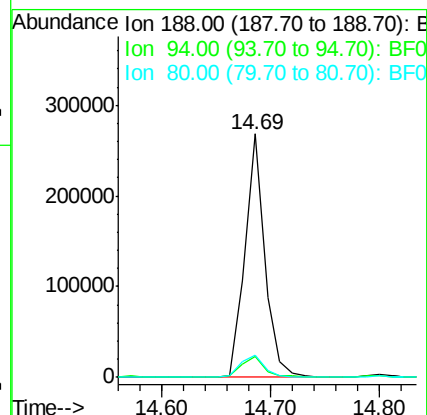
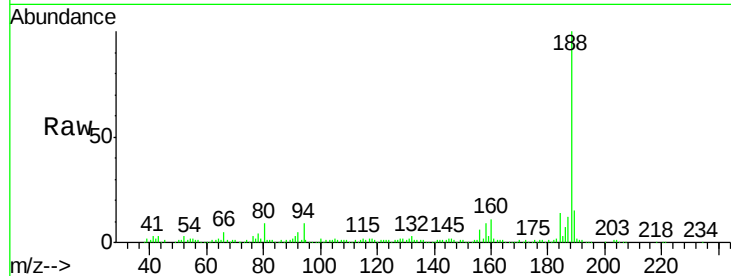




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

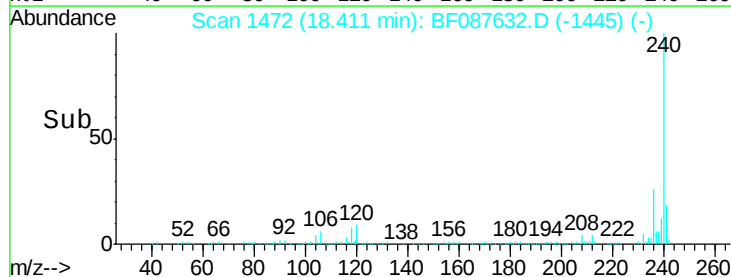
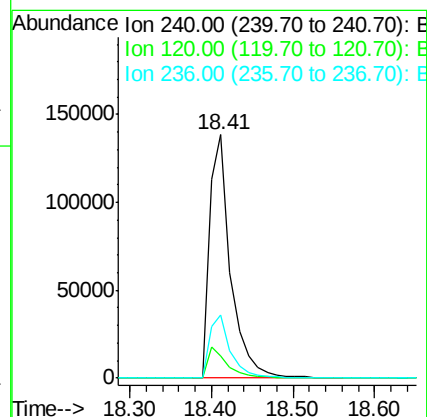
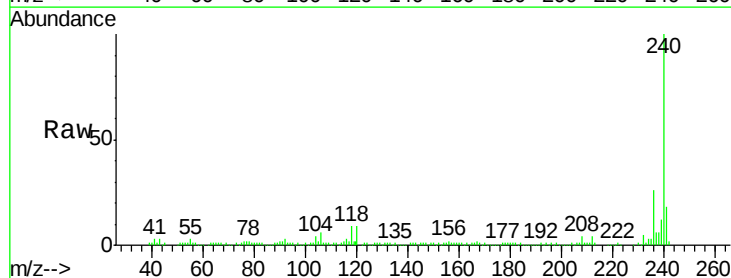
Instrument :
BNA_F
ClientSampleId :
W-15

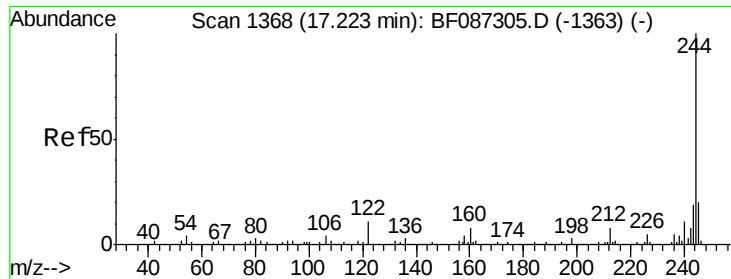
Tot Ion:188 Resp: 333021
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.3 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.41 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

Tgt Ion:240 Resp: 250554
Ion Ratio Lower Upper
240 100
120 9.1 11.2 16.8#
236 26.1 21.2 31.8

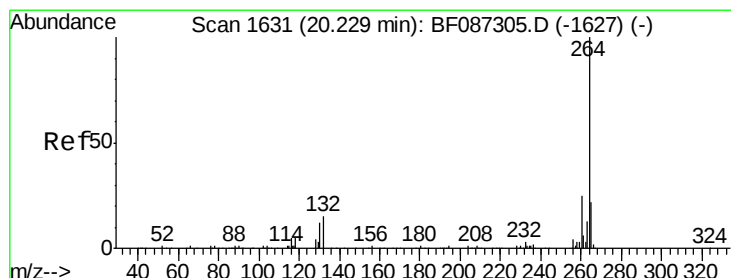
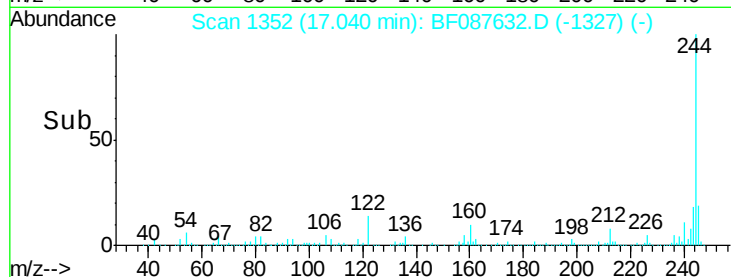
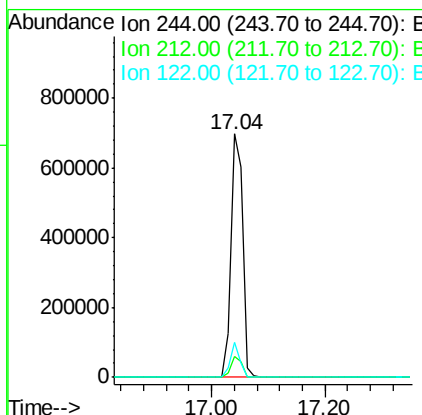
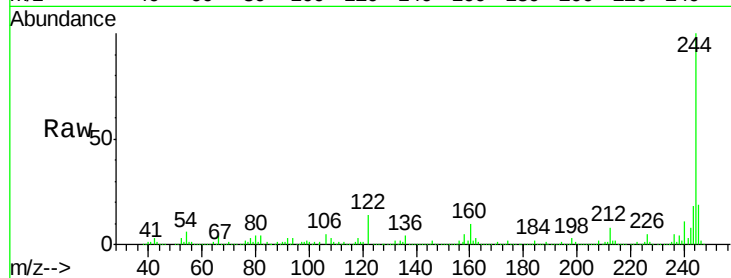




#78
 Terphenyl-d14
 Concen: 85.54 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF087632.D
 Acq: 1 Jun 2016 23:45

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Tot Ion:244 Resp: 1008123
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.2
 122 14.2 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.09 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF087632.D
 Acq: 1 Jun 2016 23:45

Tgt Ion:264 Resp: 184590
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.1 17.3 25.9

