

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087627.D
 Acq On : 1 Jun 2016 20:52
 Operator : UM/SJ
 Sample : H3349-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-11

Quant Time: Jun 02 02:31:49 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	7.42	152	117009	20.00	ng	0.00
21) Naphthalene-d8	9.45	136	464186	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	216520	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	414009	20.00	ng	0.00
75) Chrysene-d12	18.40	240	360331	20.00	ng	0.00
86) Perylene-d12	20.09	264	258549	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	423714	63.63	ng	0.02
7) Phenol-d6	6.99	99	373975	41.56	ng	-0.01
23) Nitrobenzene-d5	8.34	82	917720	99.64	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	342818	164.76	ng	-0.01
44) 2-Fluorobiphenyl	11.23	172	1484562	96.66	ng	0.00
78) Terphenyl-d14	17.04	244	1470414	86.76	ng	-0.01

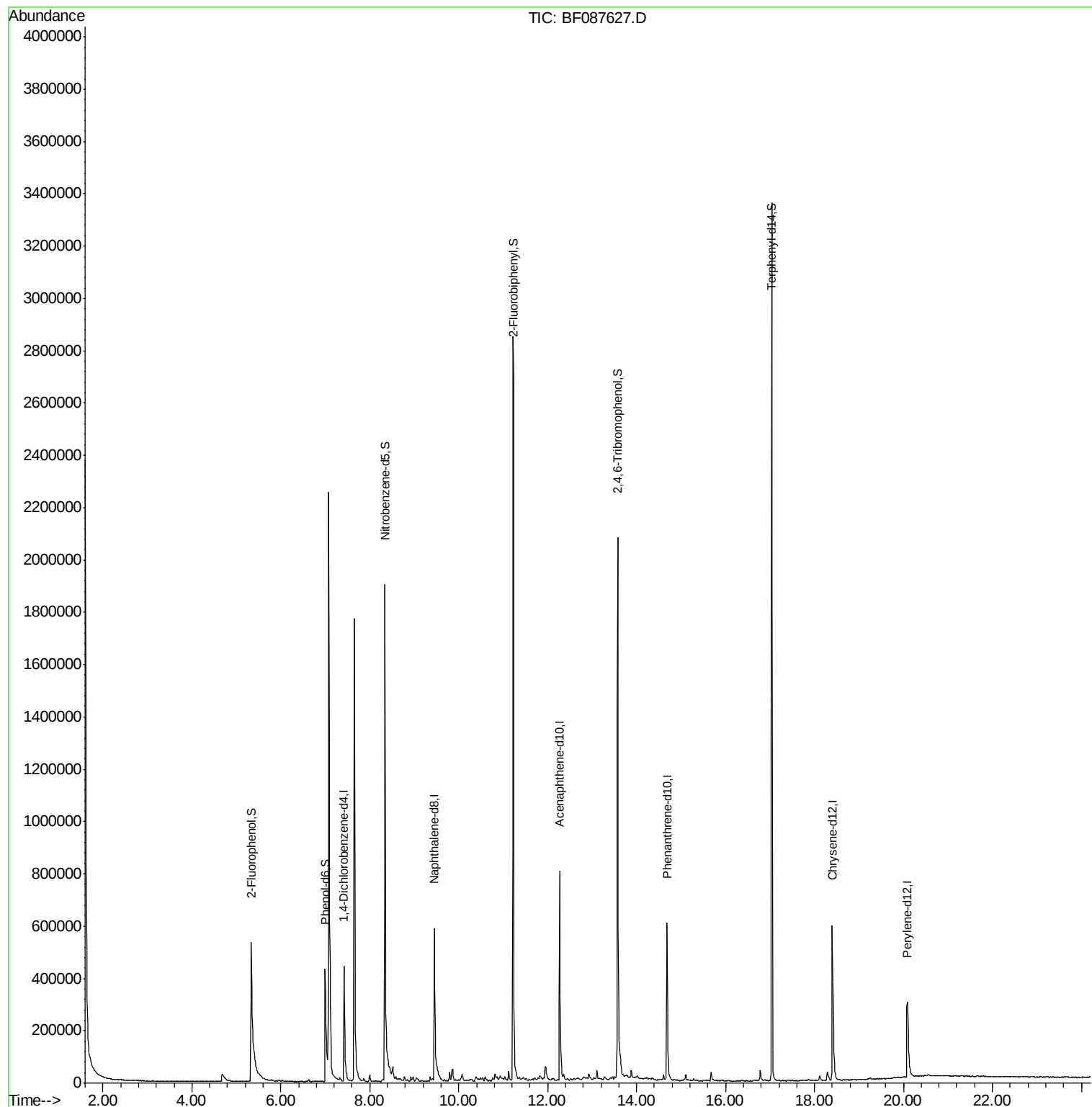
Target Compounds Qvalue

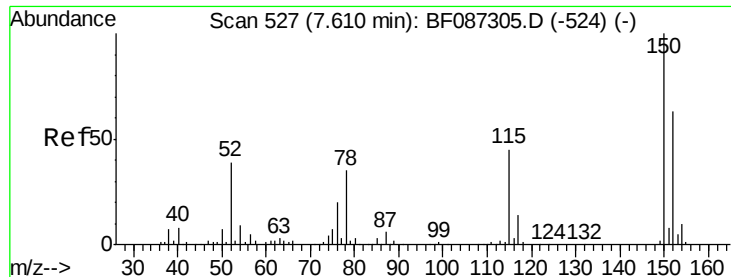
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF087627.D

Acq: 1 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

W-11

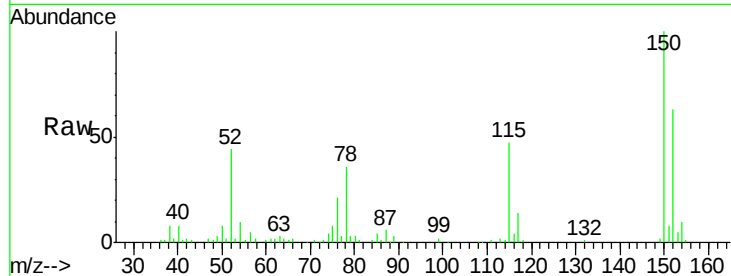
Tot Ion:152 Resp: 117009

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.6

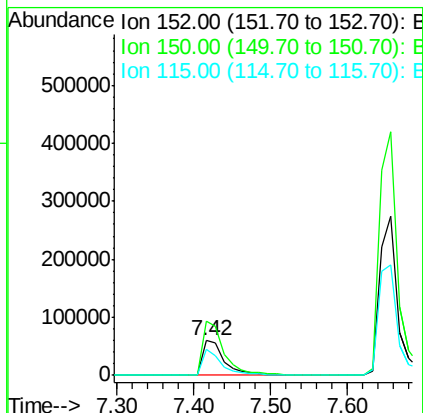
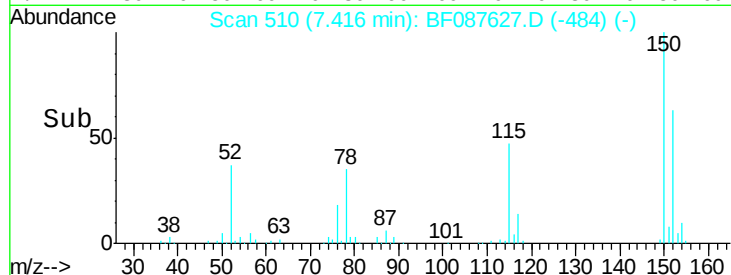
115 74.8 51.5 77.3



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: 63.63 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF087627.D

Acq: 1 Jun 2016 20:52

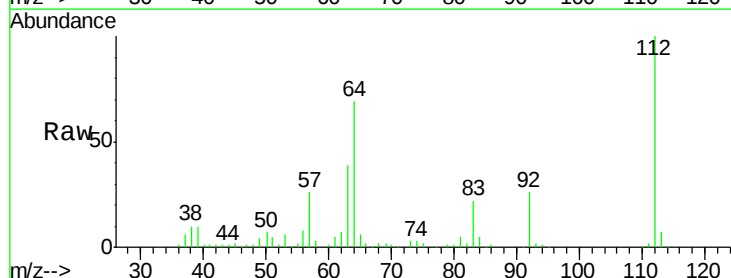
Tgt Ion:112 Resp: 423714

Ion Ratio Lower Upper

112 100

64 69.0 52.1 78.1

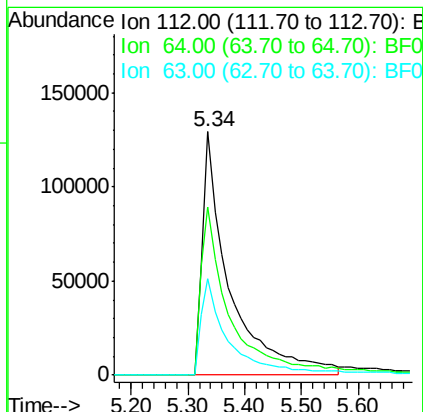
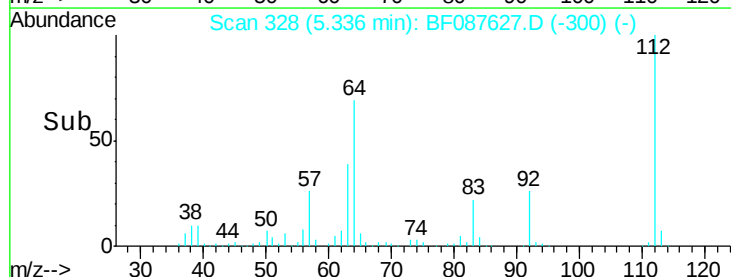
63 39.5 25.7 38.5



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: 41.56 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF087627.D

Acq: 1 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

W-11

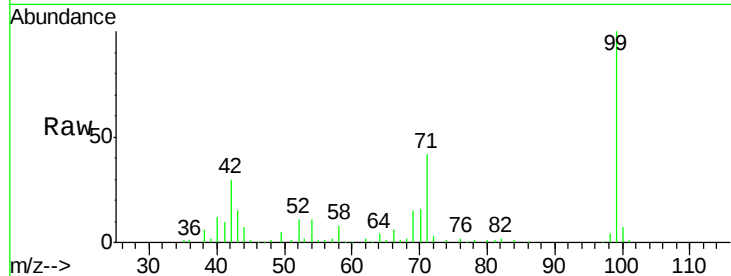
Tot Ion: 99 Resp: 373975

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

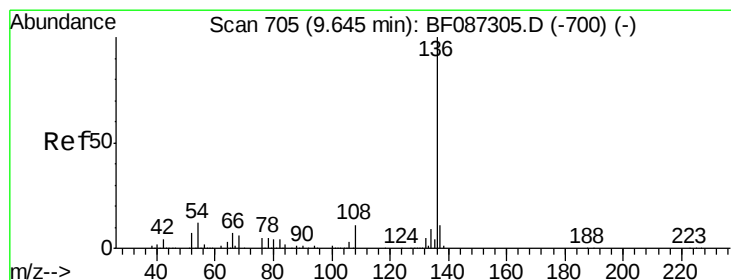
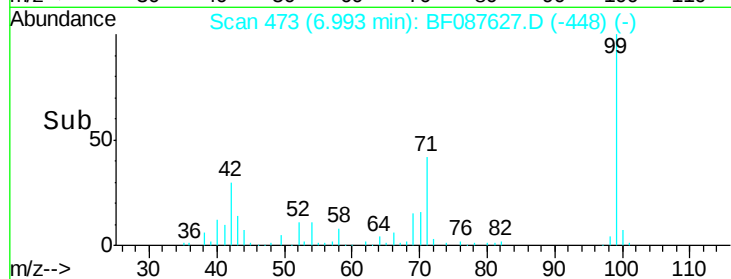
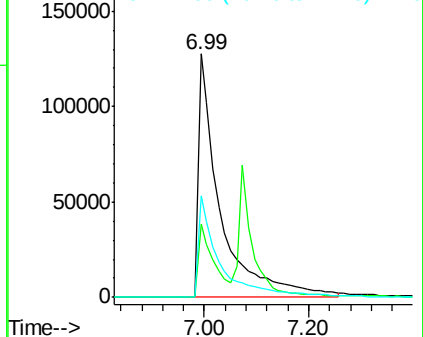
71 41.9 24.6 36.8#



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: BF087627.D

Acq: 1 Jun 2016 20:52

Tgt Ion: 136 Resp: 464186

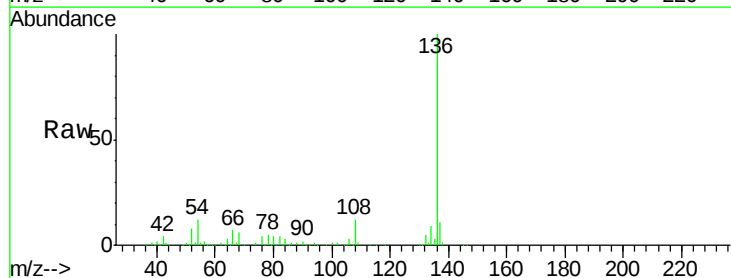
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 11.8 5.0 7.4#

68 5.6 4.4 6.6

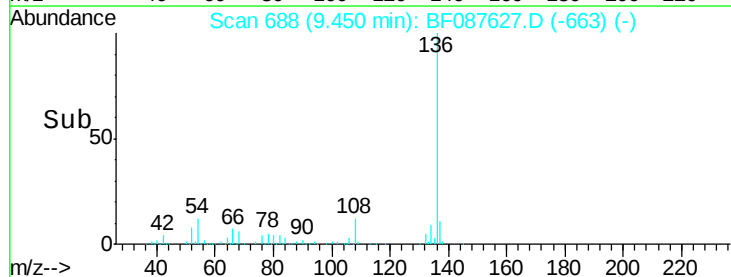
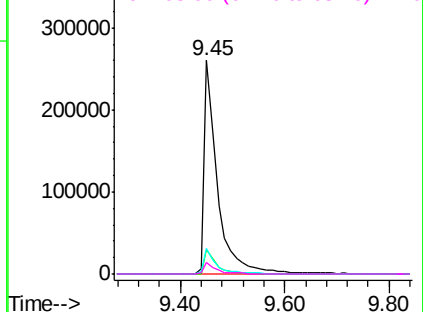


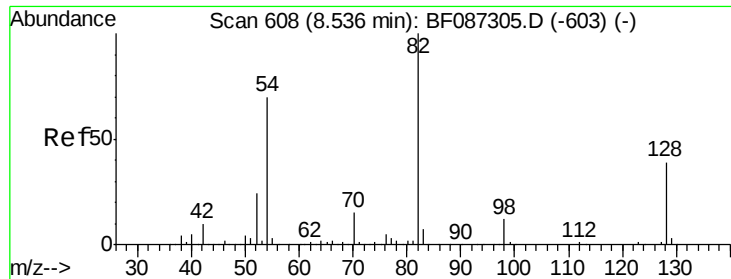
Abundance Ion 136.00 (135.70 to 136.70): E

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

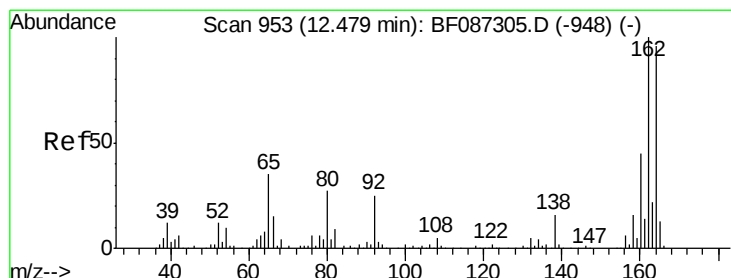
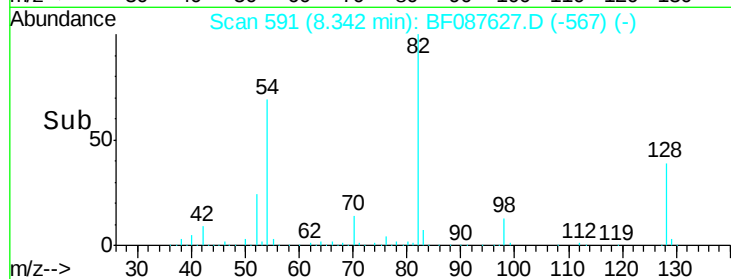
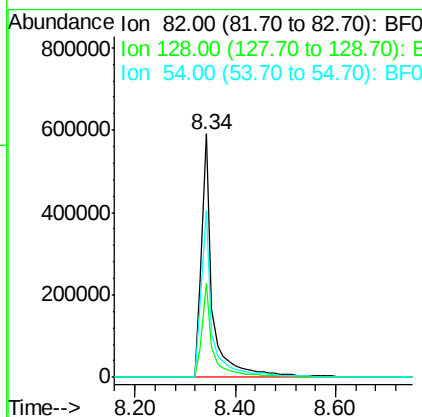
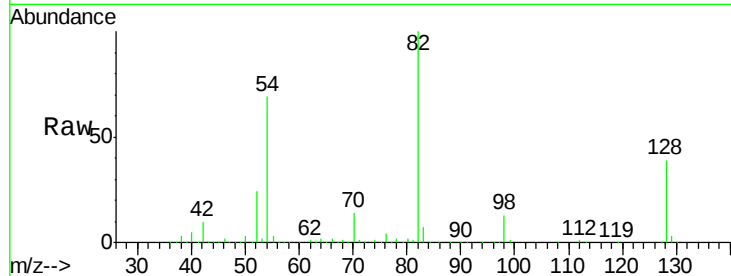




#23
 Nitrobenzene-d5
 Concen: 99.64 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BF087627.D
 Acq: 1 Jun 2016 20:52

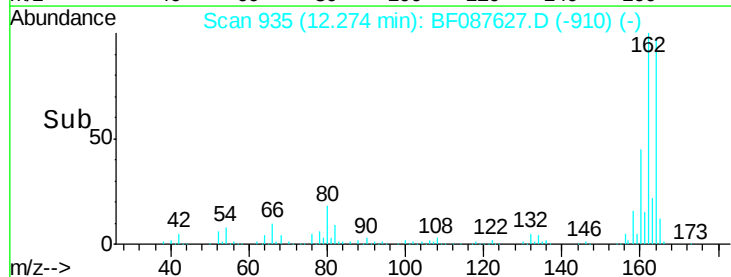
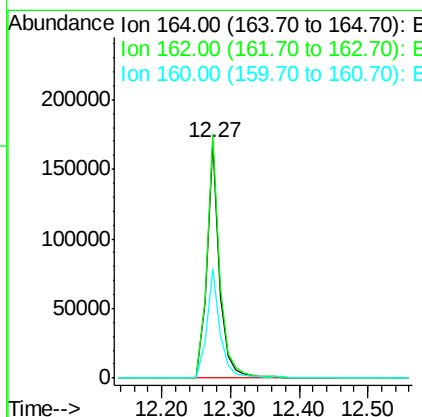
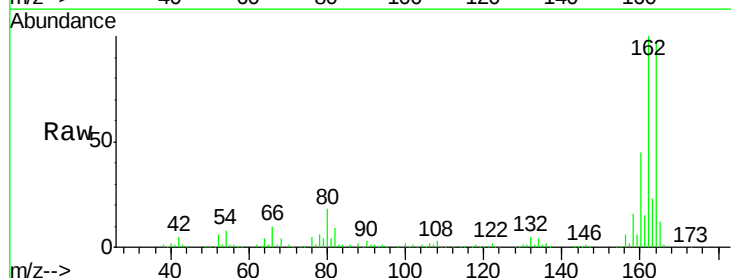
Instrument :
 BNA_F
 ClientSampleId :
 W-11

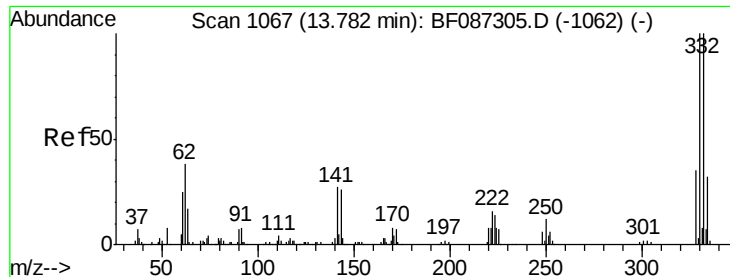
Tot Ion: 82 Resp: 917720
 Ion Ratio Lower Upper
 82 100
 128 38.6 40.6 61.0#
 54 68.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF087627.D
 Acq: 1 Jun 2016 20:52

Tgt Ion: 164 Resp: 216520
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.8 124.2
 160 46.5 36.9 55.3

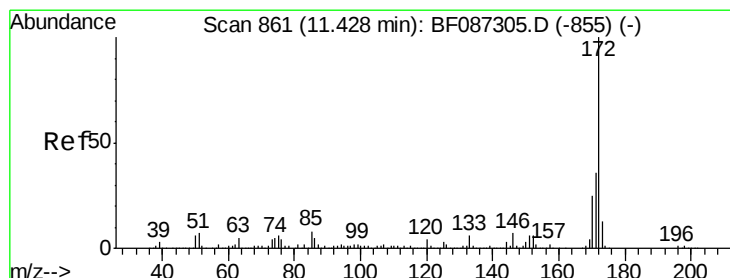
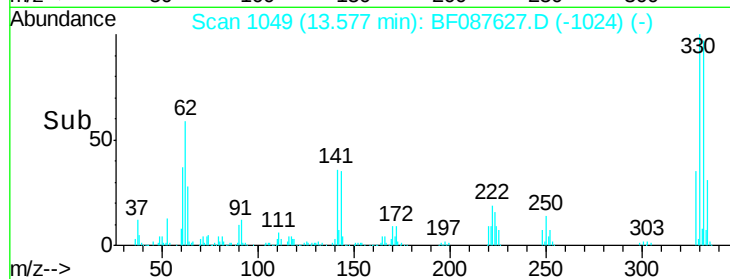
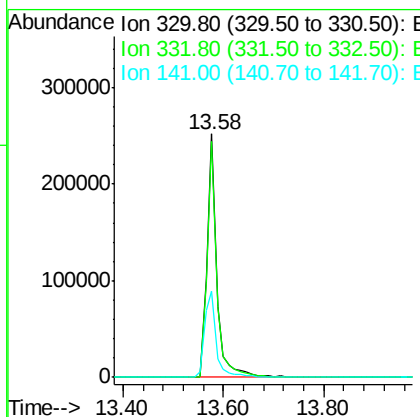
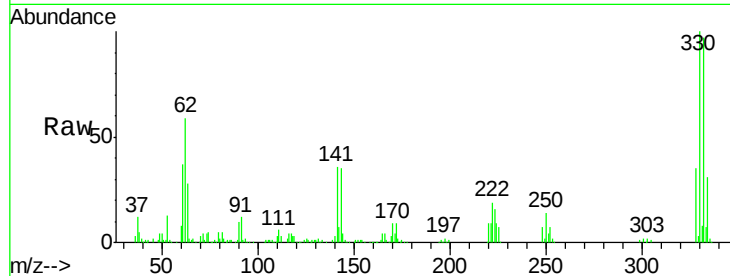




#41
 2,4,6-Tribromophenol
 Concen: 164.76 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF087627.D
 Acq: 1 Jun 2016 20:52

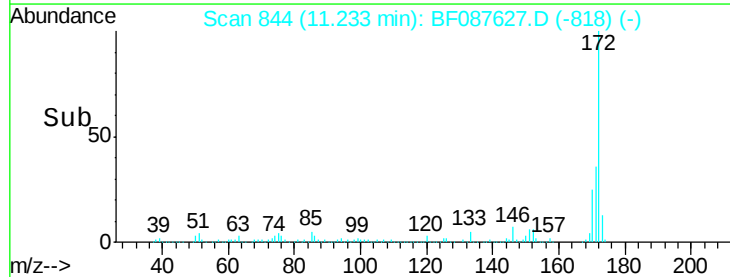
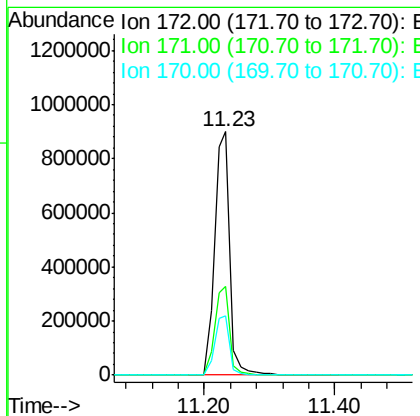
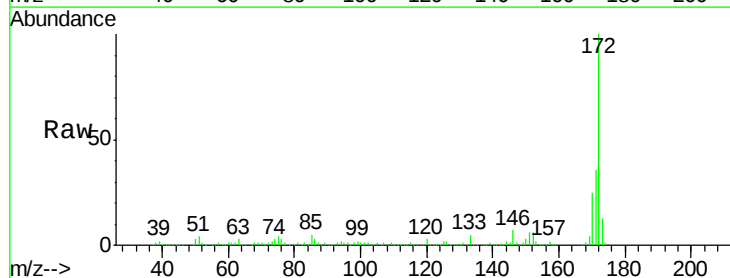
Instrument :
 BNA_F
 ClientSampleId :
 W-11

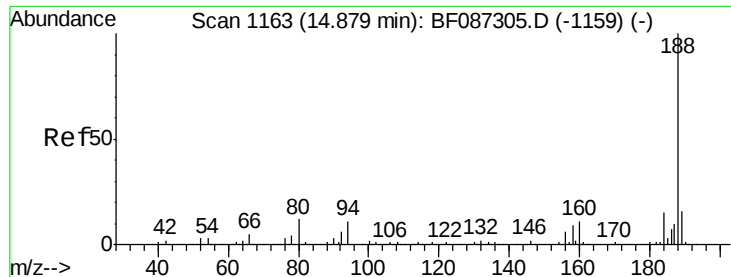
Tot Ion:330 Resp: 342818
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.4
 141 42.6 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 96.66 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF087627.D
 Acq: 1 Jun 2016 20:52

Tgt Ion:172 Resp: 1484562
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.6 19.8 29.8

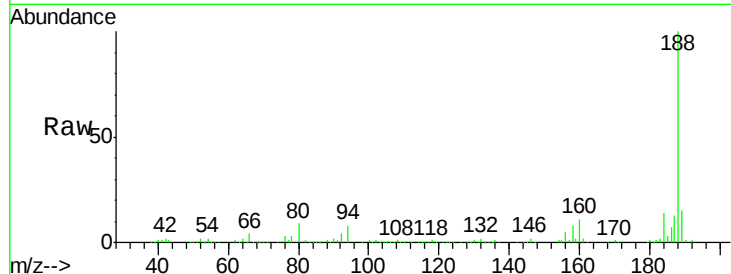




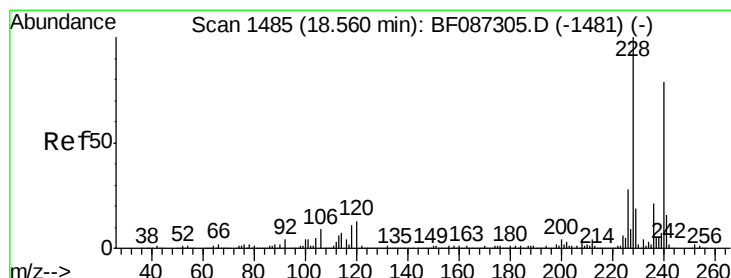
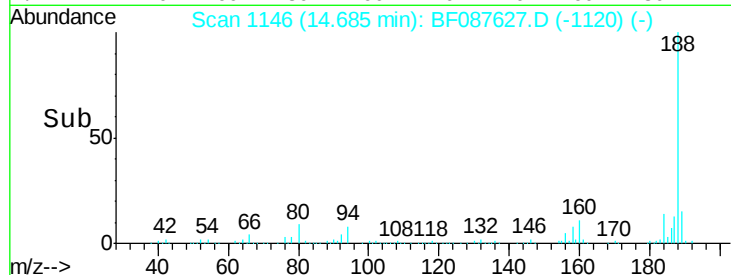
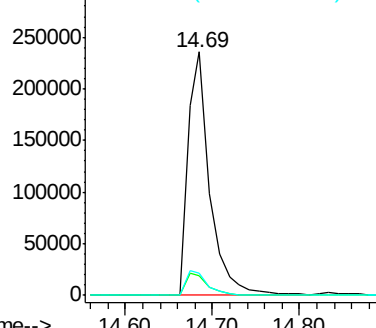
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF087627.D
Acq: 1 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
W-11

Tot Ion:188 Resp: 414009
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.9 7.1 10.7

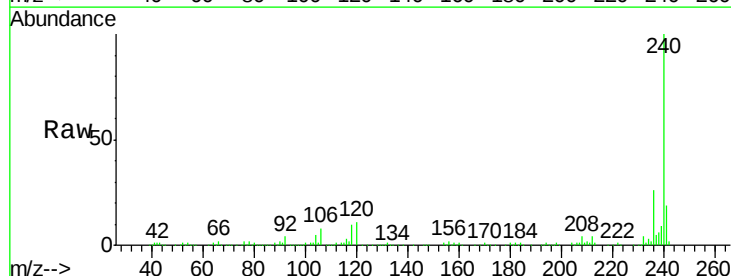


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

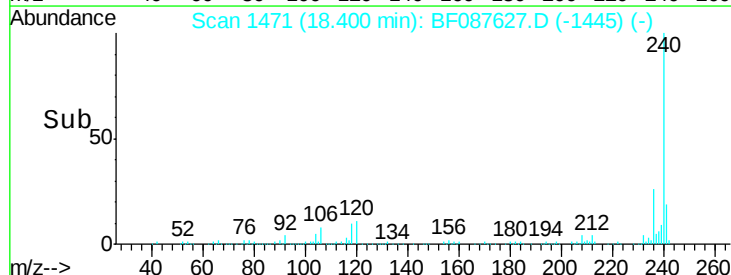
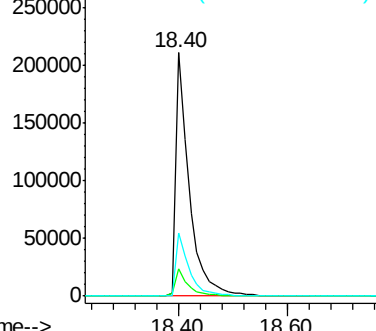


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF087627.D
Acq: 1 Jun 2016 20:52

Tgt Ion:240 Resp: 360331
Ion Ratio Lower Upper
240 100
120 11.1 11.2 16.8#
236 25.9 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: 86.76 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF087627.D

Acq: 1 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

W-11

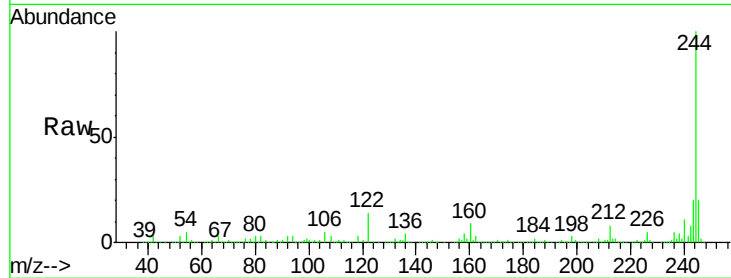
Tot Ion:244 Resp: 1470414

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

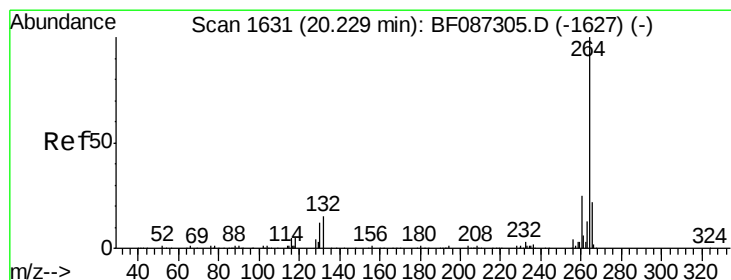
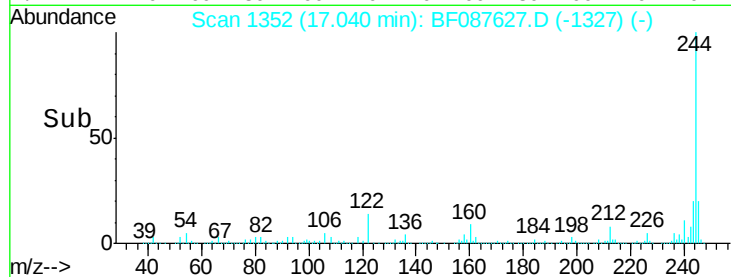
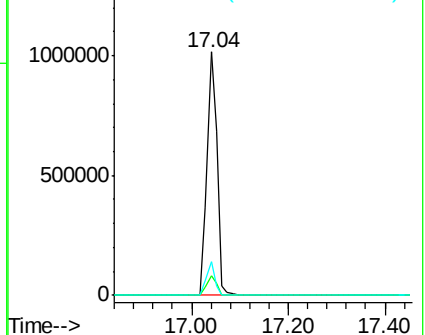
122 14.0 12.0 18.0



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: 20.09 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF087627.D

Acq: 1 Jun 2016 20:52

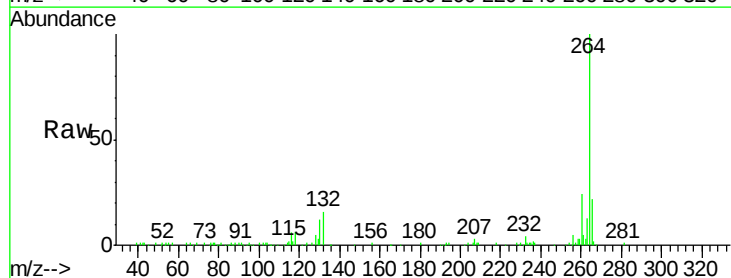
Tgt Ion:264 Resp: 258549

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.6 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

