

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088166.D
 Acq On : 19 Jun 2016 7:09
 Operator : UM/SJ
 Sample : H3628-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-11

Quant Time: Jun 20 07:00:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	91605	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	320663	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	127813	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	210451	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	174737	20.00	ng	-0.02
86) Perylene-d12	15.21	264	128840	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	328619	61.33	ng	0.00
7) Phenol-d6	6.34	99	264772	40.77	ng	-0.01
23) Nitrobenzene-d5	7.26	82	488328	88.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	143401	106.26	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	771196	95.47	ng	-0.02
78) Terphenyl-d14	12.79	244	612317	79.74	ng	-0.01

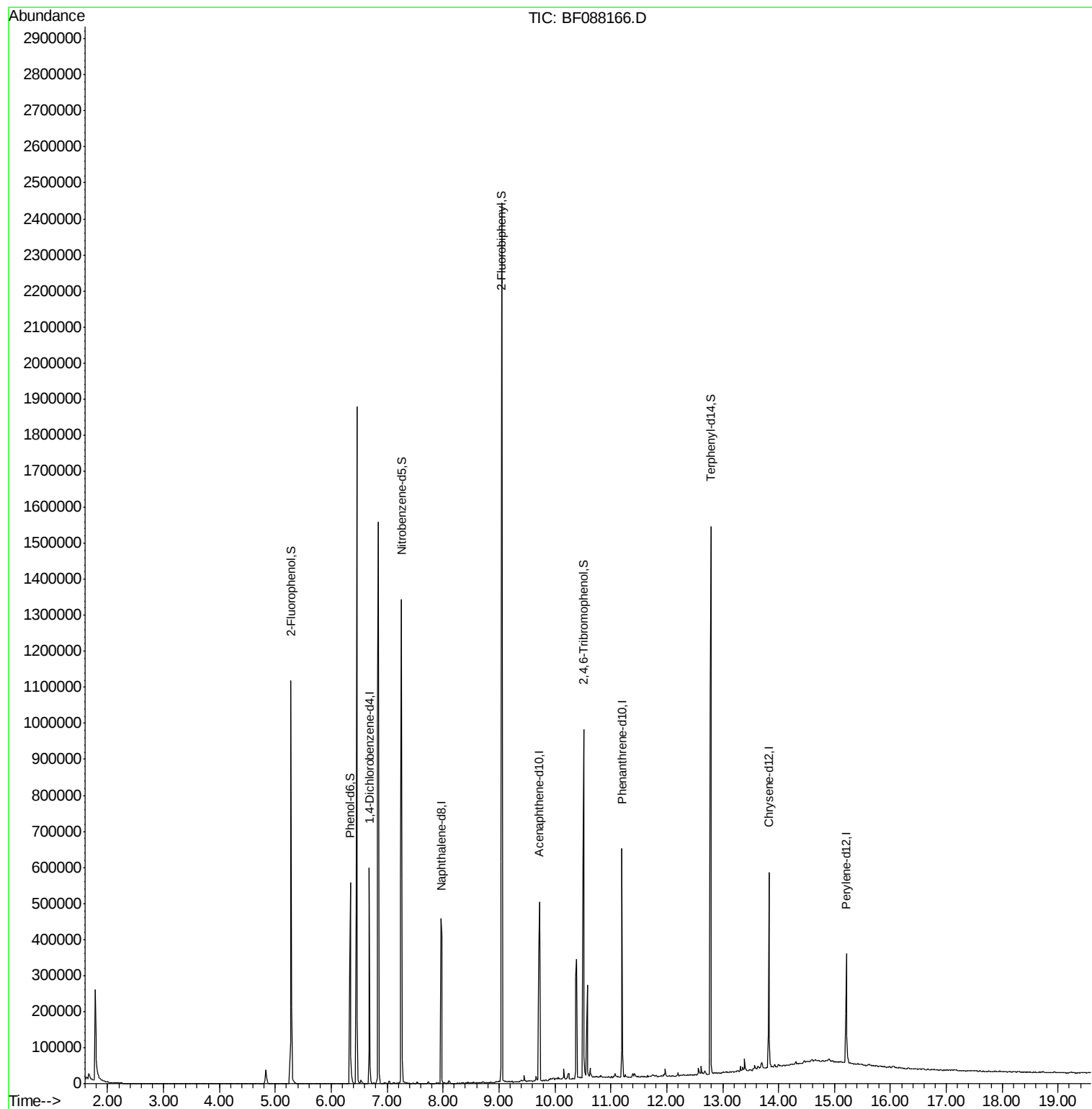
Target Compounds Qvalue

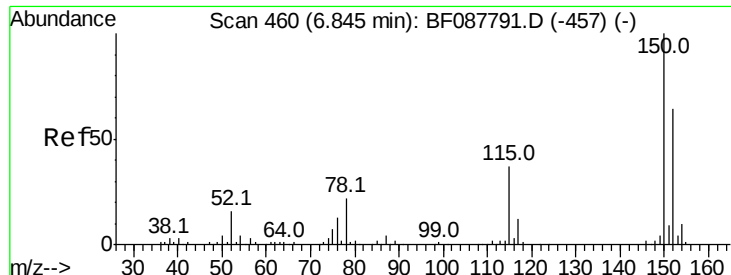
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088166.D

Acq: 19 Jun 2016 7:09

Instrument :

BNA_F

ClientSampleId :

W-11

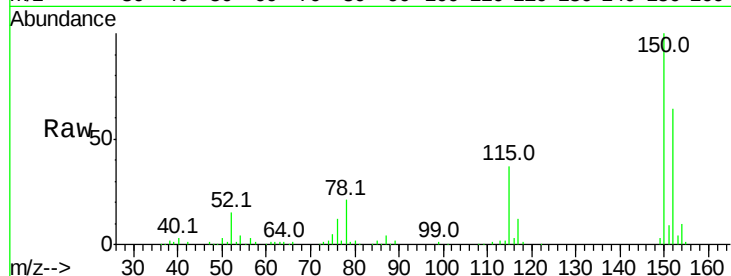
Tot Ion:152 Resp: 91605

Ion Ratio Lower Upper

152 100

150 156.7 123.8 185.6

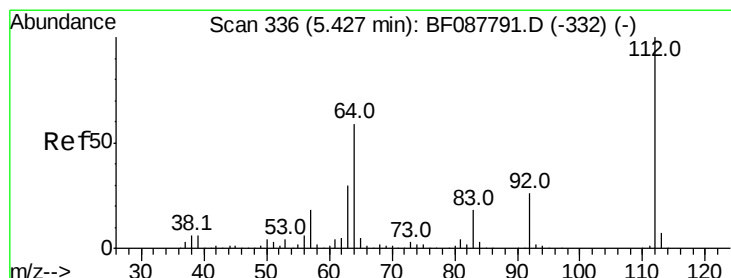
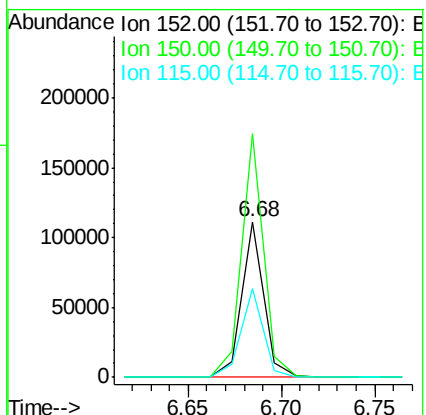
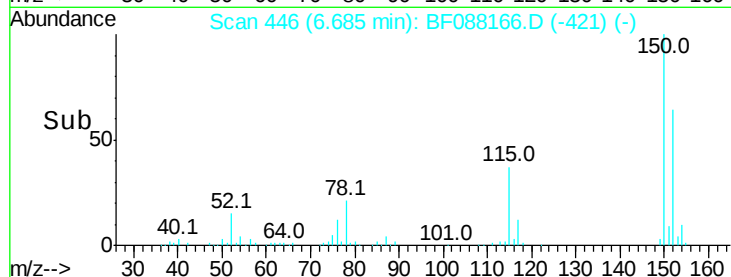
115 57.3 39.6 59.4



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: 61.33 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF088166.D

Acq: 19 Jun 2016 7:09

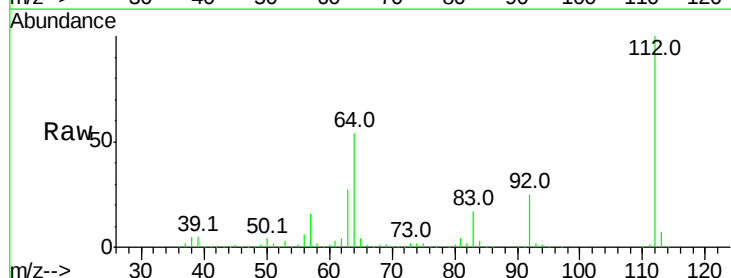
Tgt Ion:112 Resp: 328619

Ion Ratio Lower Upper

112 100

64 53.7 42.2 63.2

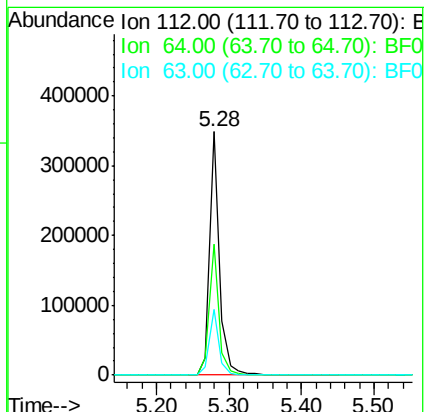
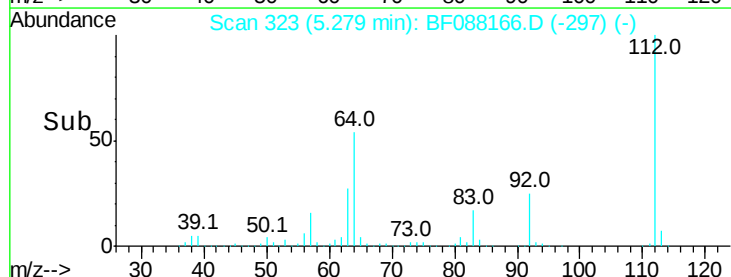
63 27.1 21.8 32.8



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: 40.77 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088166.D

Acq: 19 Jun 2016 7:09

Instrument :

BNA_F

ClientSampleId :

W-11

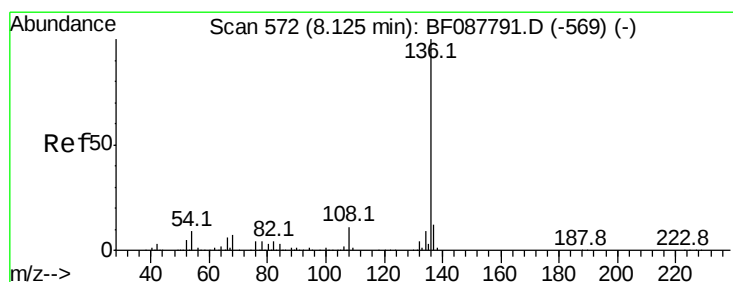
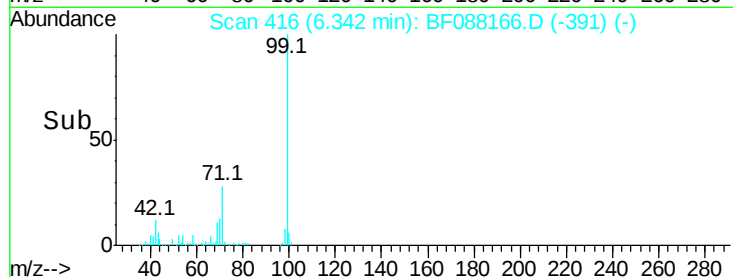
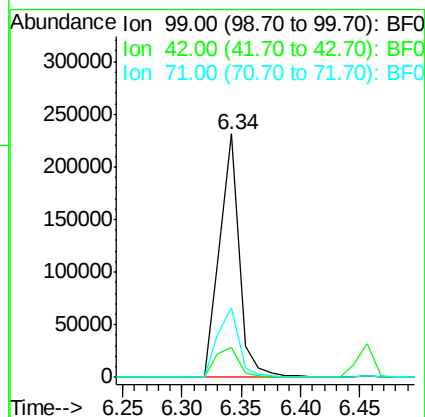
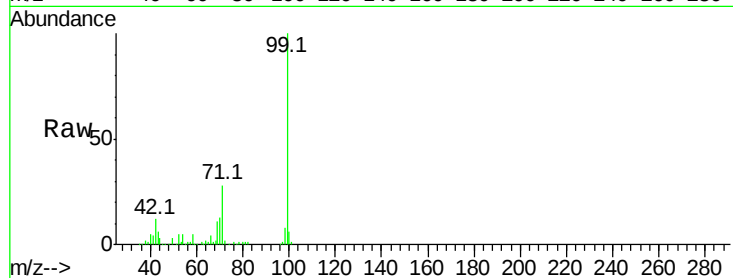
Tot Ion: 99 Resp: 264772

Ion Ratio Lower Upper

99 100

42 12.1 12.2 18.2#

71 28.5 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088166.D

Acq: 19 Jun 2016 7:09

Tgt Ion: 136 Resp: 320663

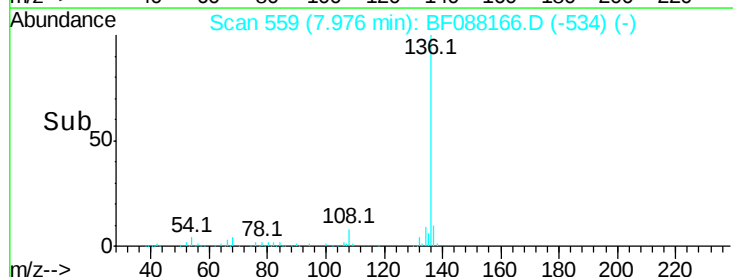
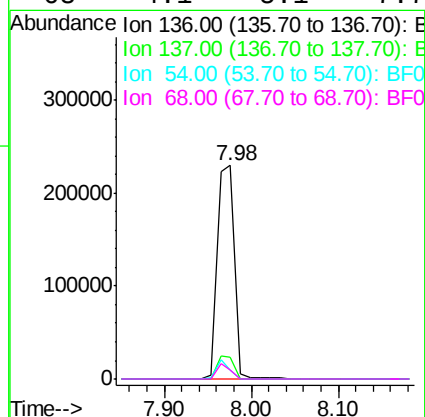
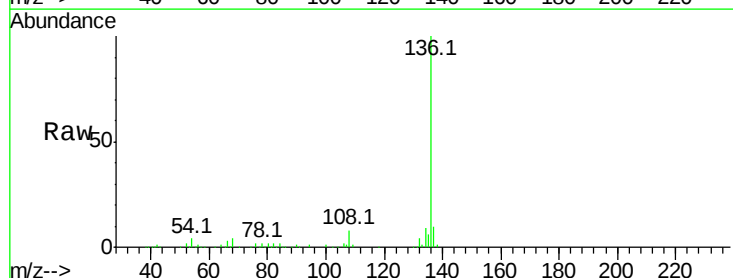
Ion Ratio Lower Upper

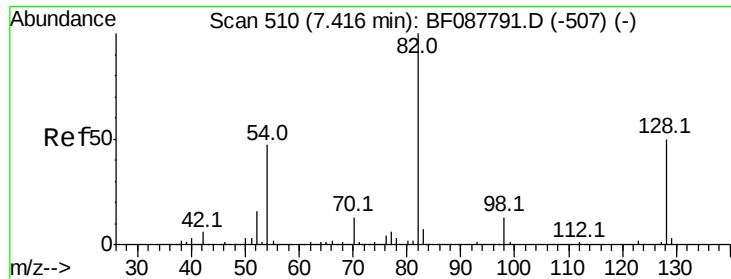
136 100

137 10.5 9.1 13.7

54 4.4 6.6 10.0#

68 4.1 5.1 7.7#

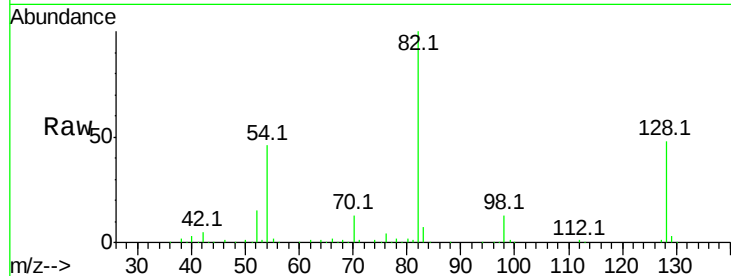




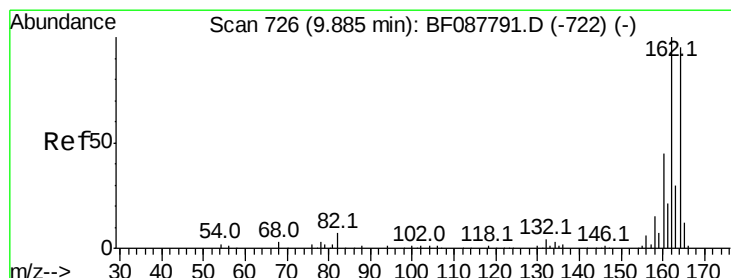
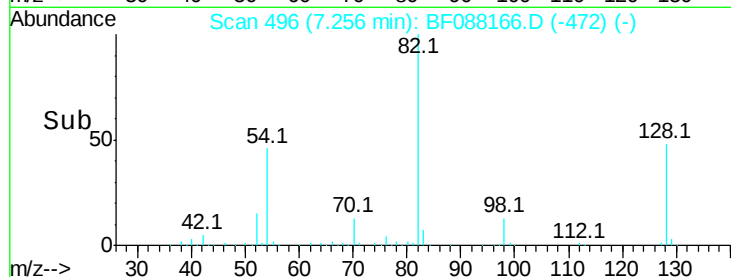
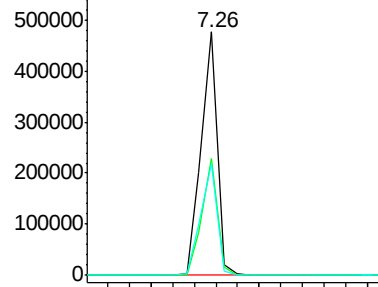
#23
Nitrobenzene-d5
Concen: 88.93 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088166.D
Acq: 19 Jun 2016 7:09

Instrument :
BNA_F
ClientSampleId :
W-11

Tot Ion: 82 Resp: 488328
Ion Ratio Lower Upper
82 100
128 47.8 35.9 53.9
54 45.9 40.9 61.3

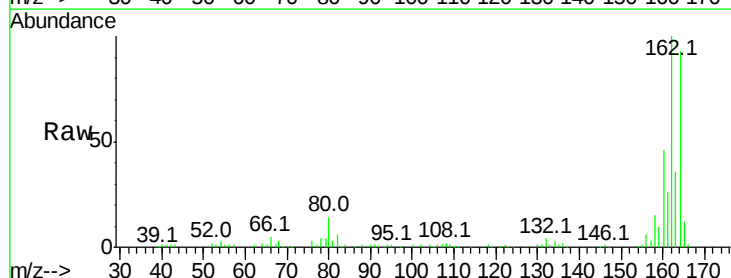


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

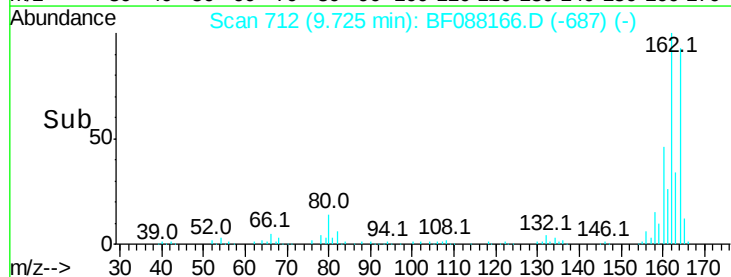
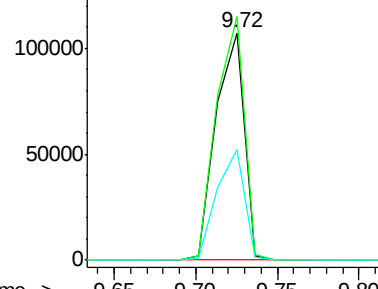


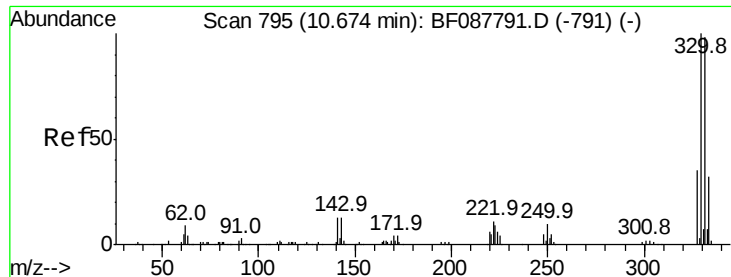
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088166.D
Acq: 19 Jun 2016 7:09

Tgt Ion:164 Resp: 127813
Ion Ratio Lower Upper
164 100
162 107.1 85.4 128.2
160 48.9 39.5 59.3



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

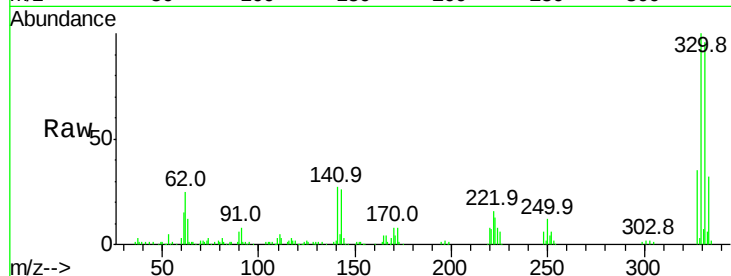




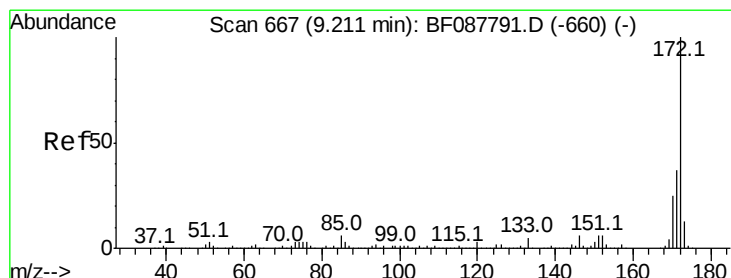
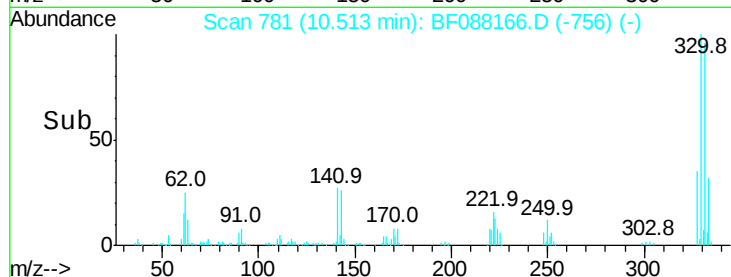
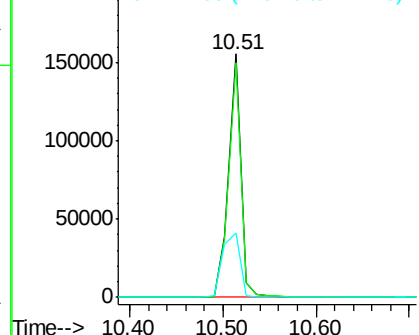
#41
 2,4,6-Tribromophenol
 Concen: 106.26 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088166.D
 Acq: 19 Jun 2016 7:09

Instrument :
 BNA_F
 ClientSampleId :
 W-11

Tot Ion:330 Resp: 143401
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 38.2 0.0 0.0#

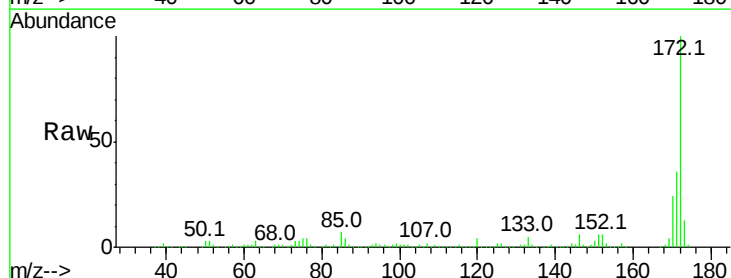


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

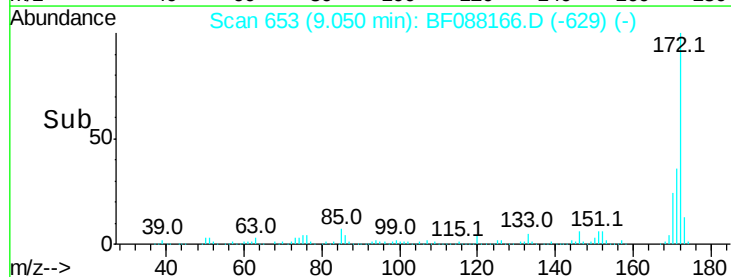
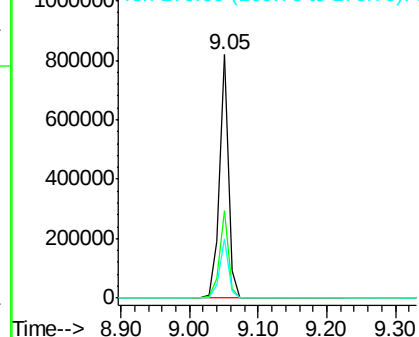


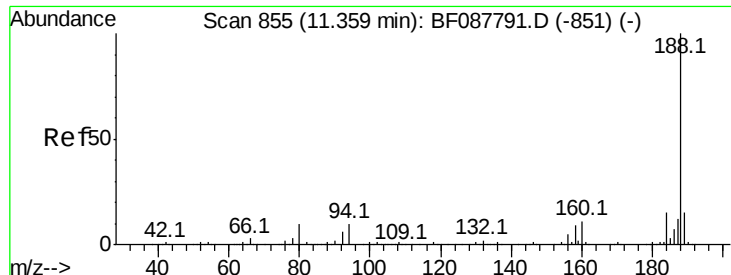
#44
 2-Fluorobiphenyl
 Concen: 95.47 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088166.D
 Acq: 19 Jun 2016 7:09

Tgt Ion:172 Resp: 771196
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.2 19.2 28.8



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

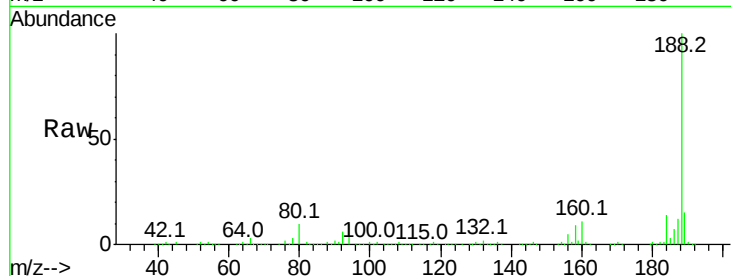




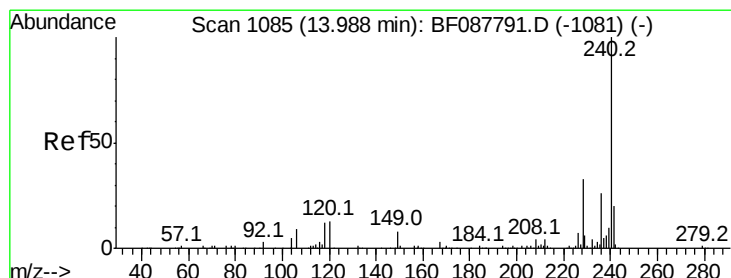
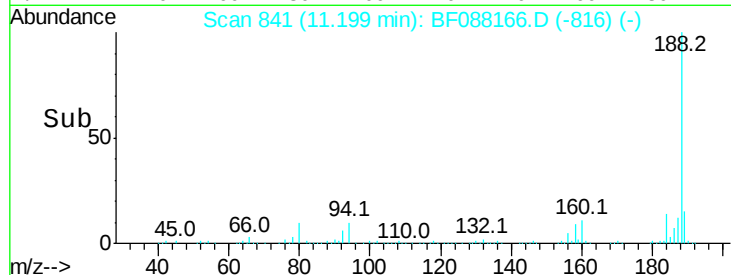
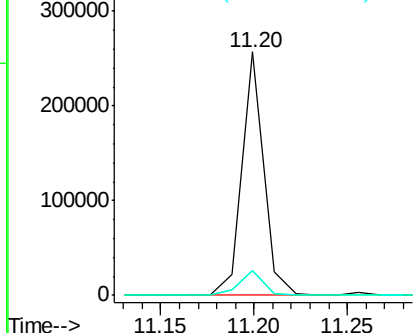
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088166.D
Acq: 19 Jun 2016 7:09

Instrument :
BNA_F
ClientSampleId :
W-11

Tot Ion:188 Resp: 210451
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.6
80 10.0 10.0 15.0

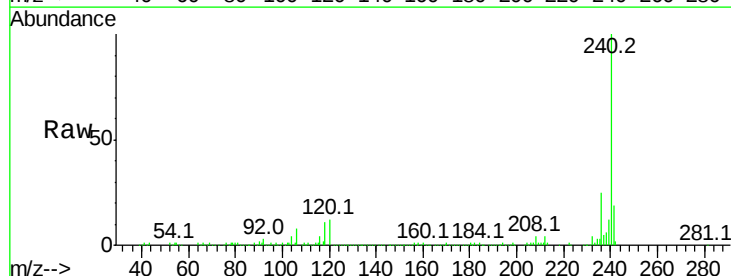


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

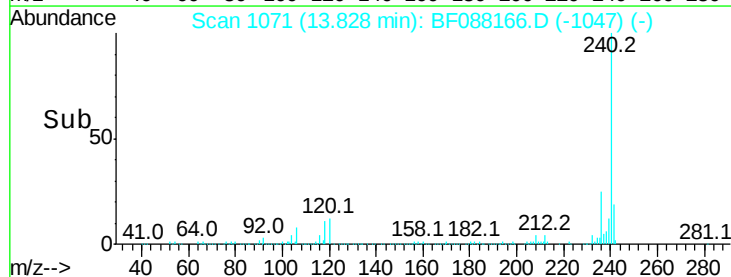
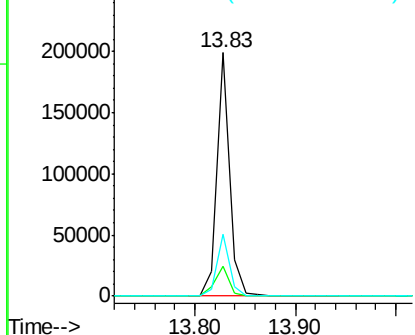


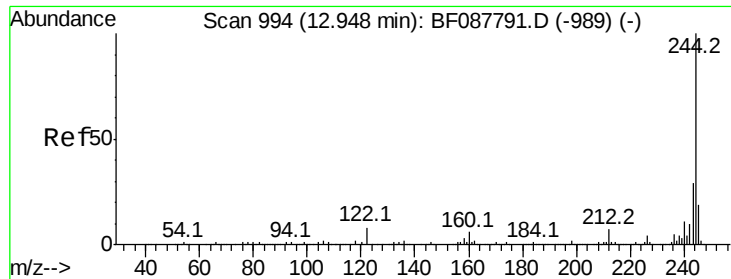
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088166.D
Acq: 19 Jun 2016 7:09

Tgt Ion:240 Resp: 174737
Ion Ratio Lower Upper
240 100
120 12.4 6.8 10.2#
236 25.3 20.2 30.2



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

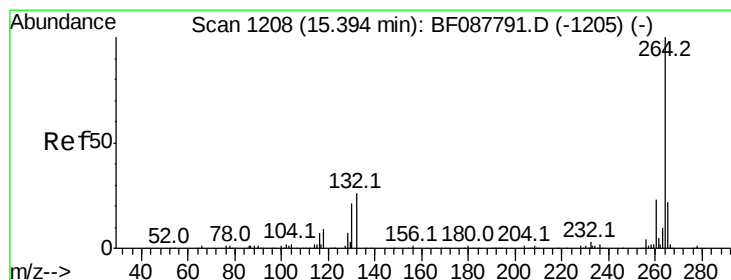
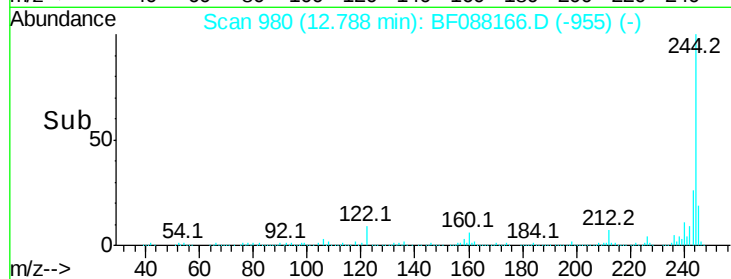
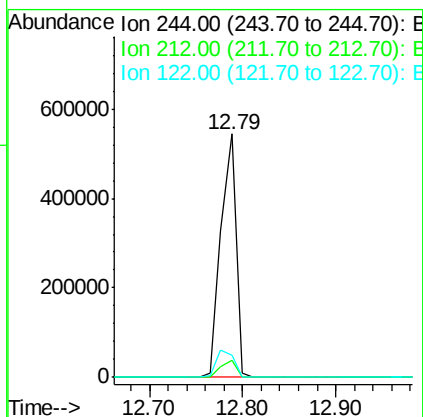
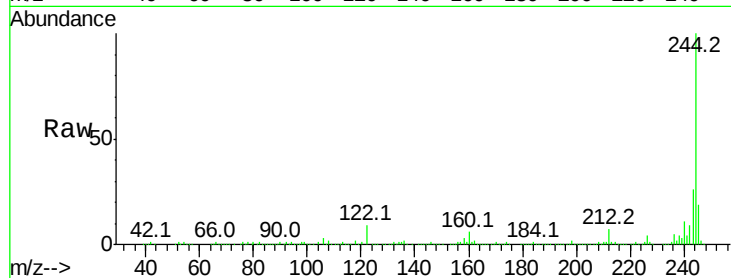




#78
 Terphenyl-d14
 Concen: 79.74 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088166.D
 Acq: 19 Jun 2016 7:09

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 612317
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.1 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF088166.D
 Acq: 19 Jun 2016 7:09

Tgt Ion:264 Resp: 128840
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 16.9 25.3

