

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088164.D
 Acq On : 19 Jun 2016 6:11
 Operator : UM/SJ
 Sample : H3628-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Quant Time: Jun 20 06:57:08 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	90277	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	312842	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	130370	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	207514	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	177944	20.00	ng	-0.02
86) Perylene-d12	15.21	264	134525	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	333799	63.21	ng	0.00
7) Phenol-d6	6.34	99	262891	41.08	ng	-0.01
23) Nitrobenzene-d5	7.26	82	489246	91.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	129484	94.06	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	756400	91.57	ng	-0.02
78) Terphenyl-d14	12.79	244	659611	84.35	ng	-0.01

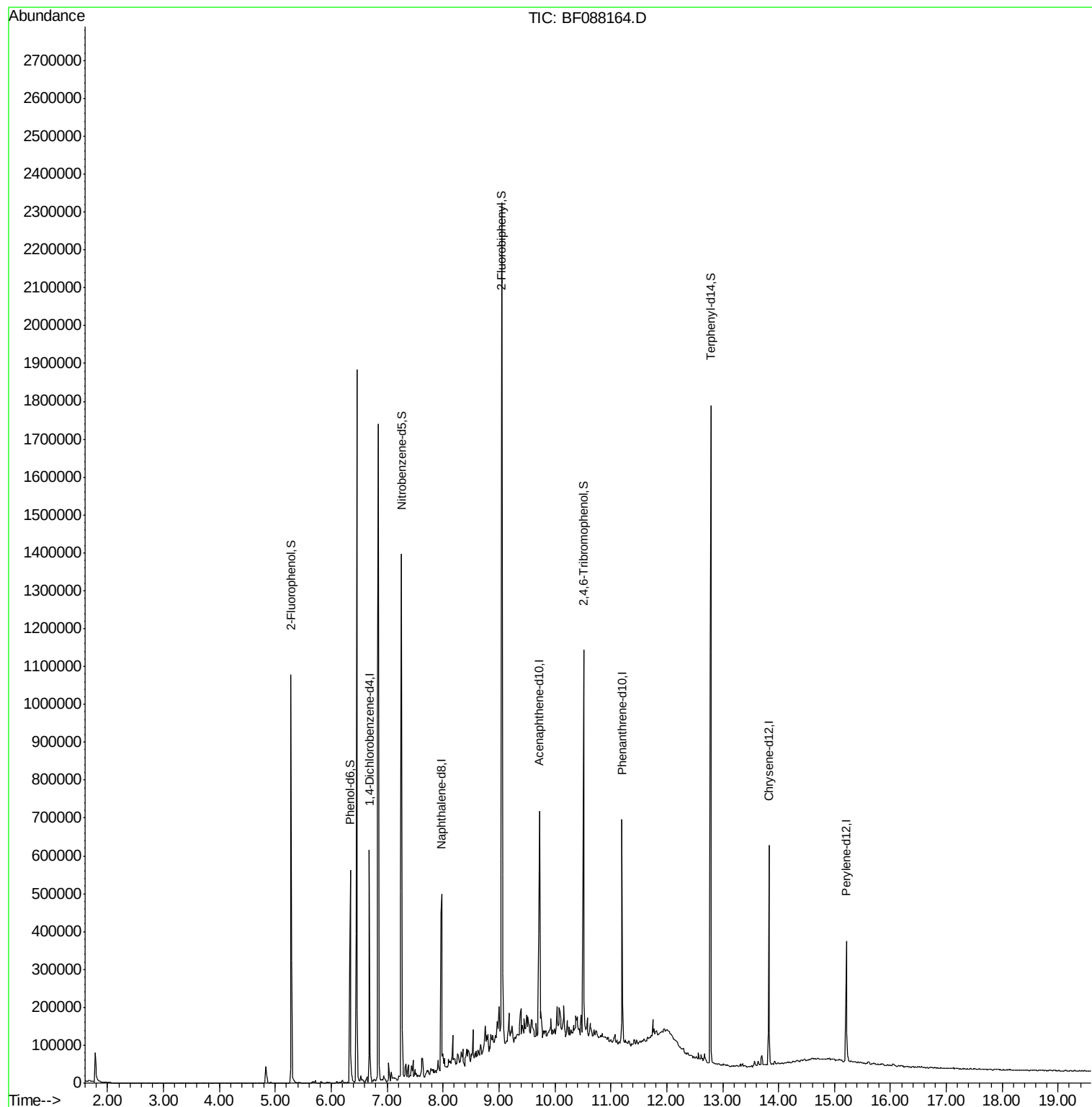
Target Compounds Qvalue

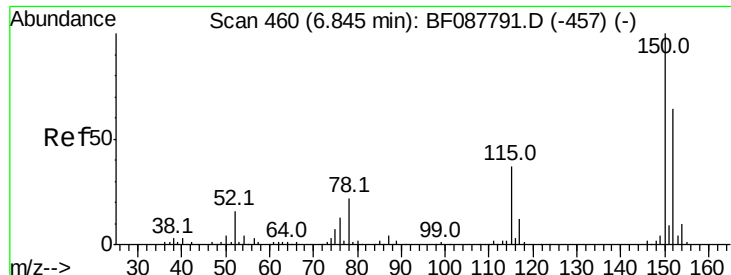
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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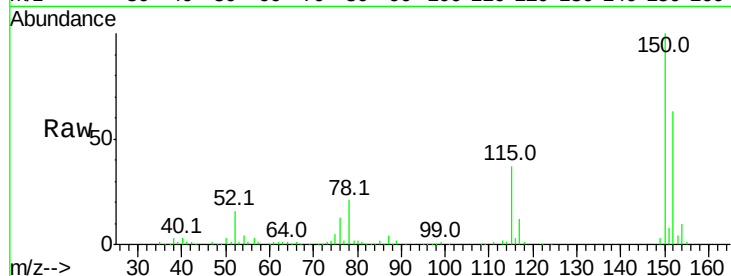


#1

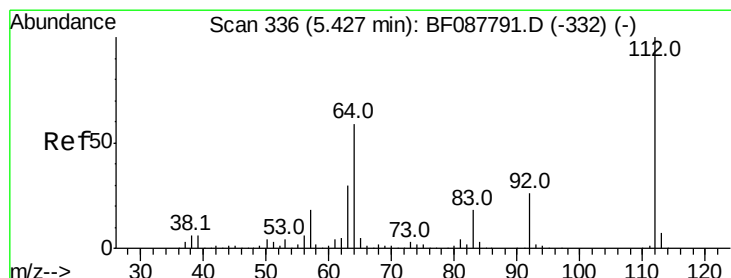
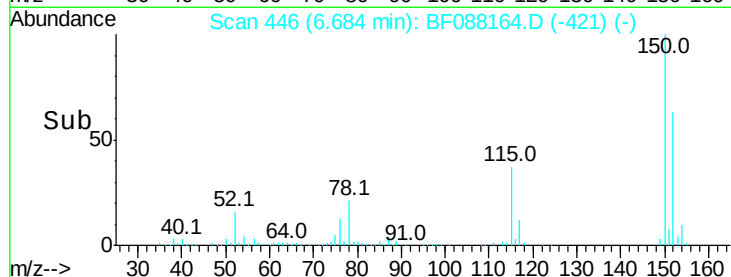
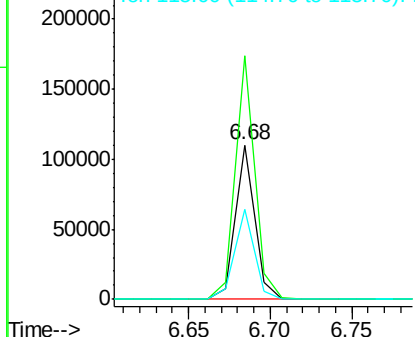
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF088164.D
Acq: 19 Jun 2016 6:11

Instrument :
BNA_F
ClientSampled :
W-19

Tot Ion:152 Resp: 90277
Ion Ratio Lower Upper
152 100
150 157.7 123.8 185.6
115 58.2 39.6 59.4



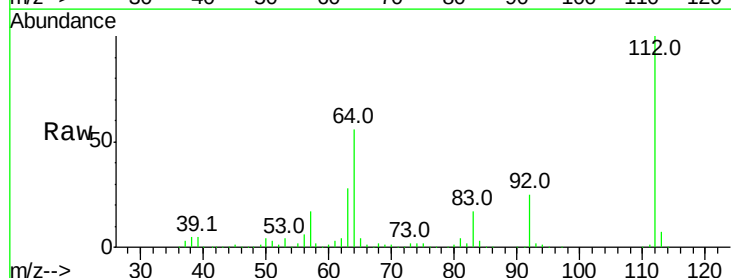
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



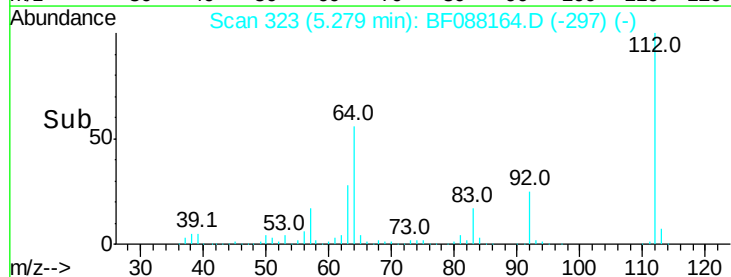
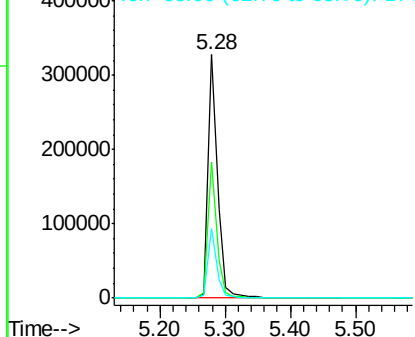
#5

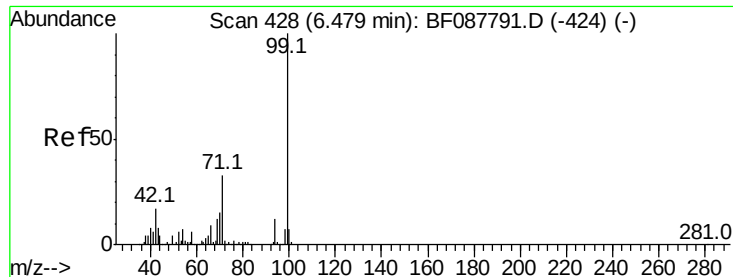
2-Fluorophenol
Concen: 63.21 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.00 min
Lab File: BF088164.D
Acq: 19 Jun 2016 6:11

Tgt Ion:112 Resp: 333799
Ion Ratio Lower Upper
112 100
64 56.1 42.2 63.2
63 28.4 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: 41.08 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088164.D

Acq: 19 Jun 2016 6:11

Instrument :

BNA_F

ClientSampleId :

W-19

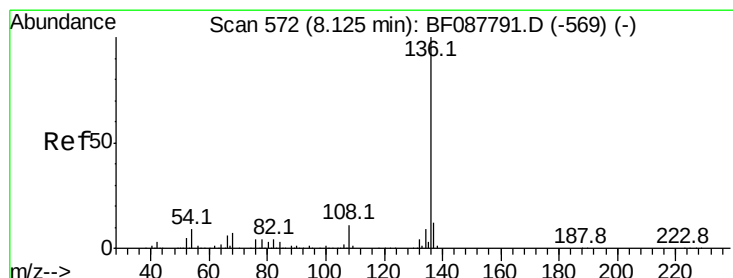
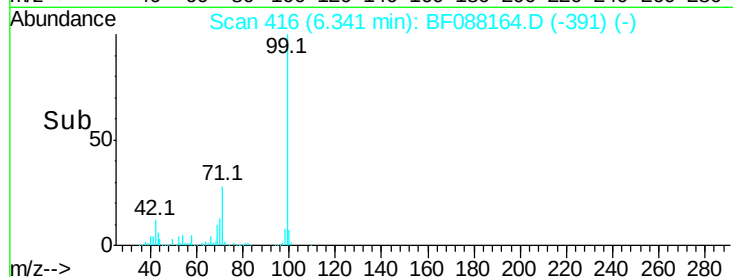
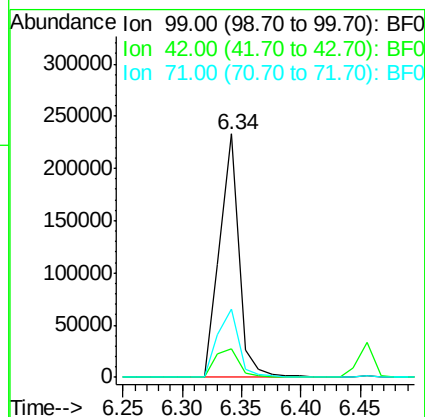
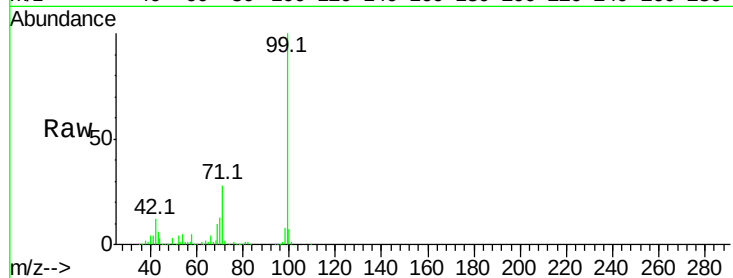
Tot Ion: 99 Resp: 262891

Ion Ratio Lower Upper

99 100

42 12.0 12.2 18.2#

71 27.9 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: BF088164.D

Acq: 19 Jun 2016 6:11

Tgt Ion: 136 Resp: 312842

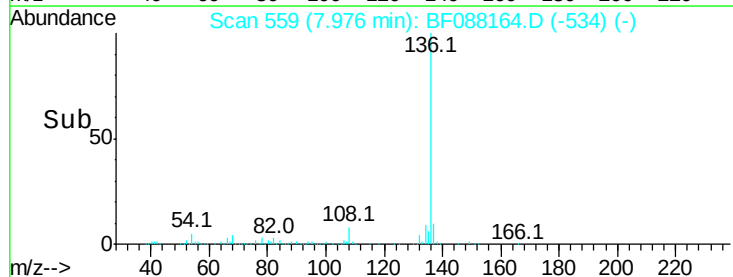
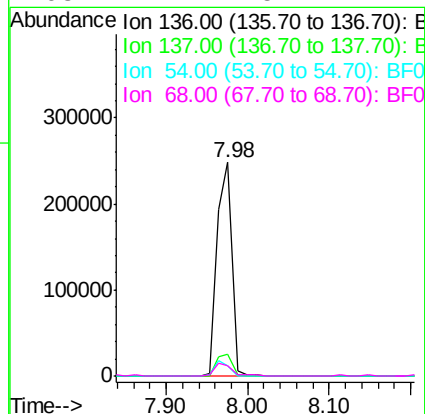
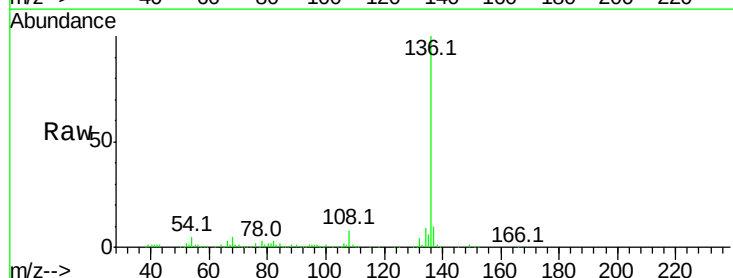
Ion Ratio Lower Upper

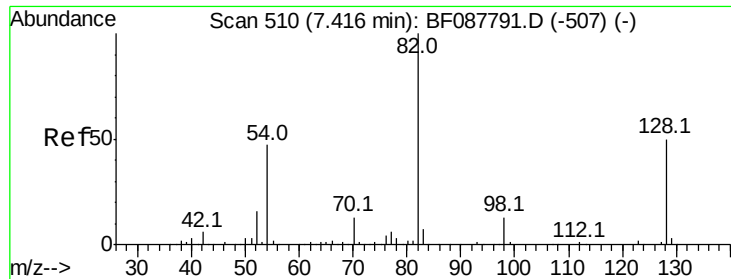
136 100

137 10.4 9.1 13.7

54 4.9 6.6 10.0#

68 4.7 5.1 7.7#

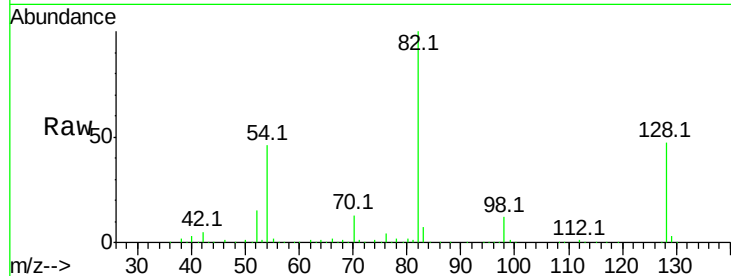




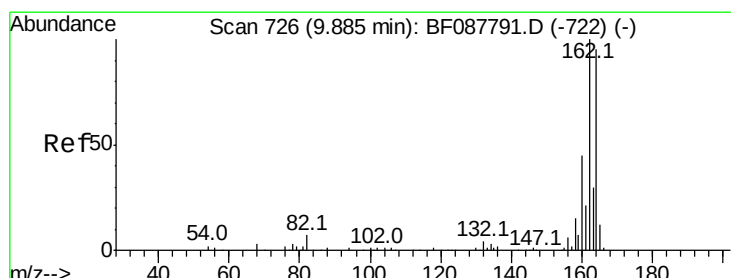
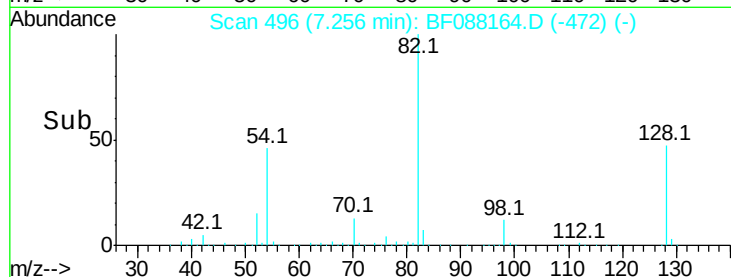
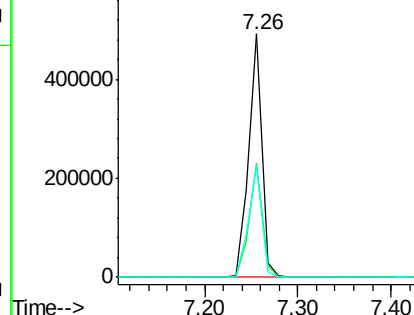
#23
 Nitrobenzene-d5
 Concen: 91.32 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088164.D
 Acq: 19 Jun 2016 6:11

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion: 82 Resp: 489246
 Ion Ratio Lower Upper
 82 100
 128 46.7 35.9 53.9
 54 45.7 40.9 61.3

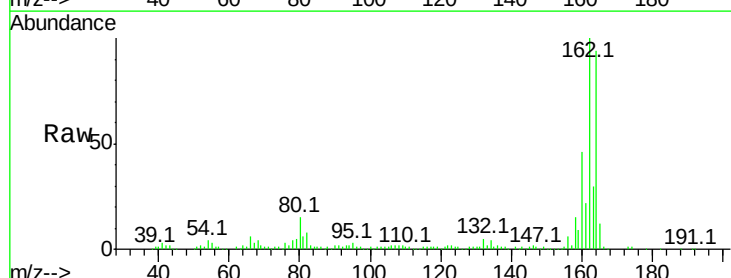


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

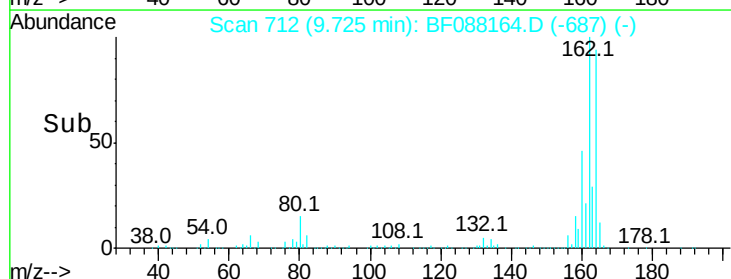
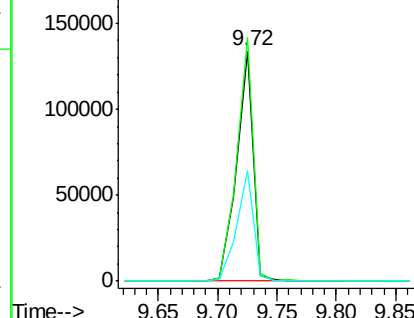


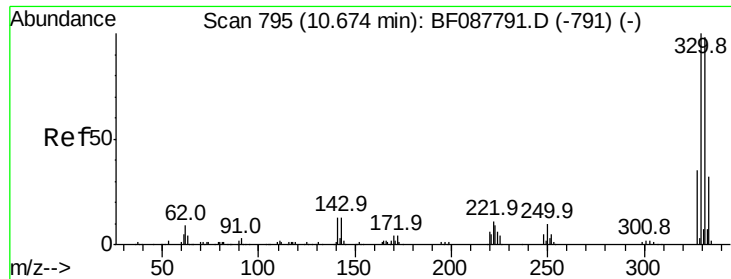
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088164.D
 Acq: 19 Jun 2016 6:11

Tgt Ion: 164 Resp: 130370
 Ion Ratio Lower Upper
 164 100
 162 106.1 85.4 128.2
 160 48.4 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

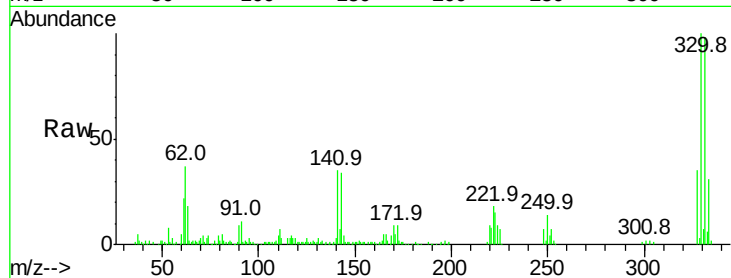




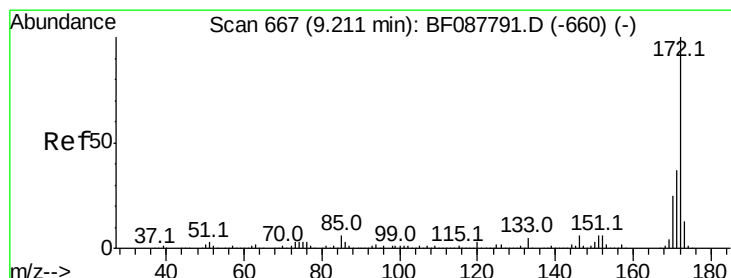
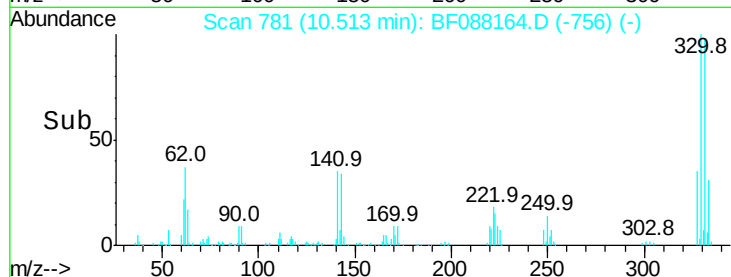
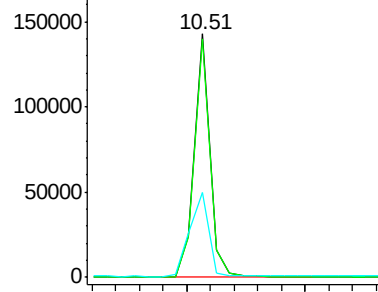
#41
 2,4,6-Tribromophenol
 Concen: 94.06 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088164.D
 Acq: 19 Jun 2016 6:11

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	42.8	0.0	0.0#

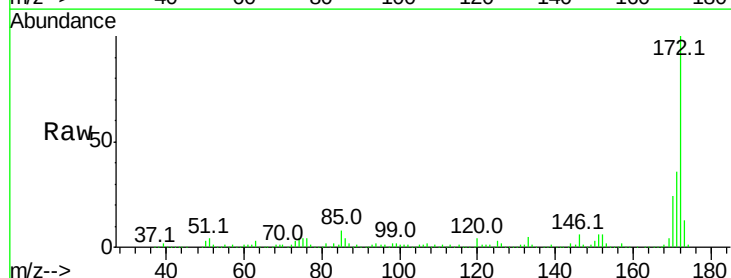


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

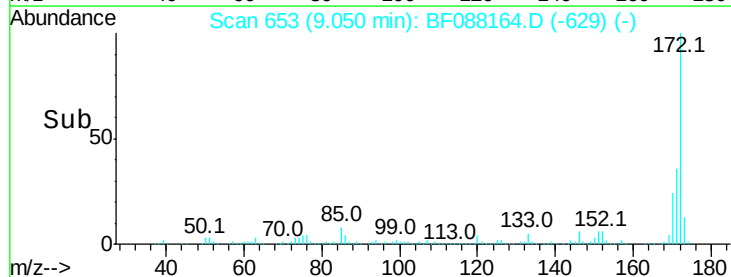
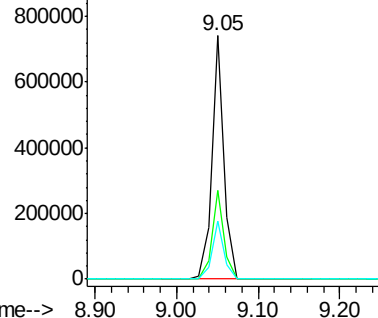


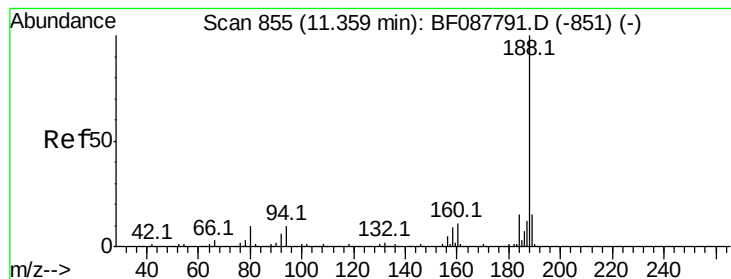
#44
 2-Fluorobiphenyl
 Concen: 91.57 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088164.D
 Acq: 19 Jun 2016 6:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	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: BF088164.D

Acq: 19 Jun 2016 6:11

Instrument :

BNA_F

ClientSampleId :

W-19

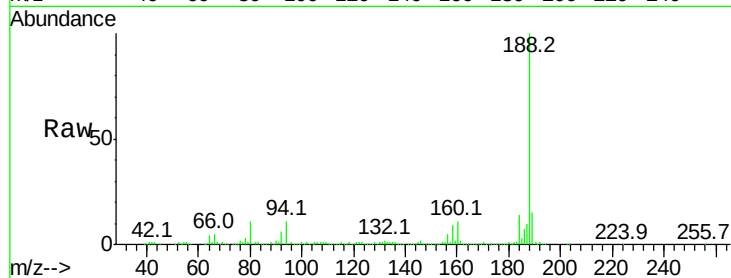
Tot Ion:188 Resp: 207514

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.6

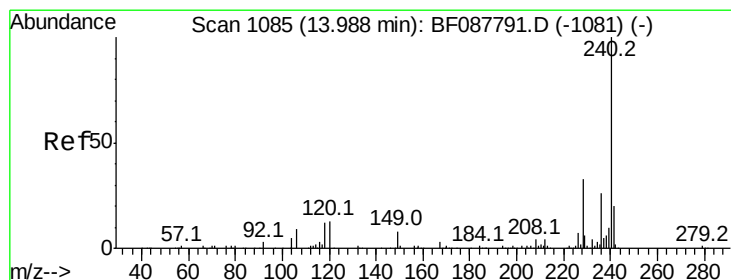
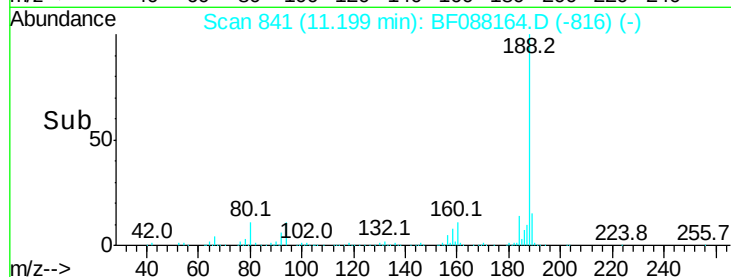
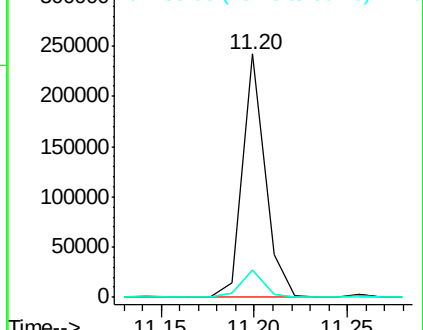
80 11.5 10.0 15.0



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: BF088164.D

Acq: 19 Jun 2016 6:11

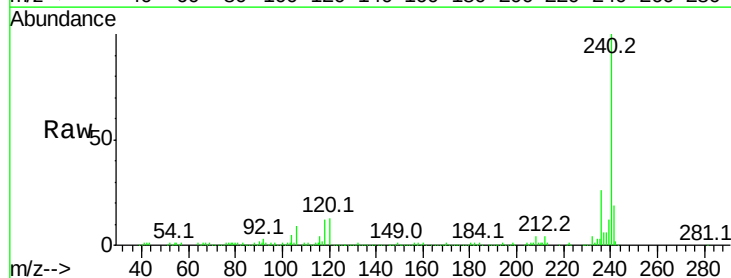
Tgt Ion:240 Resp: 177944

Ion Ratio Lower Upper

240 100

120 12.9 6.8 10.2#

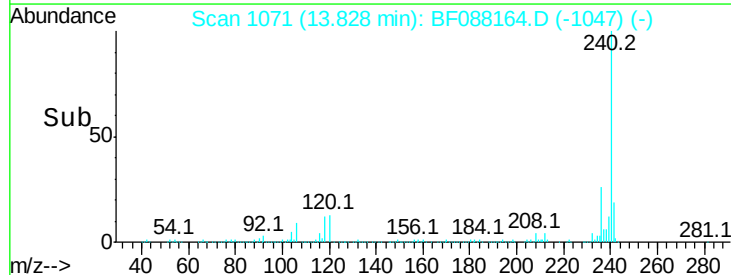
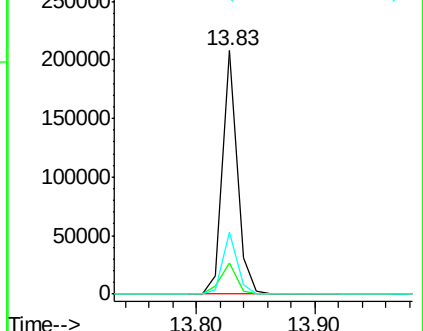
236 25.6 20.2 30.2

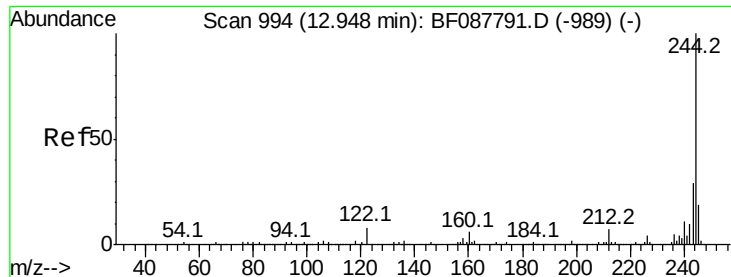


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

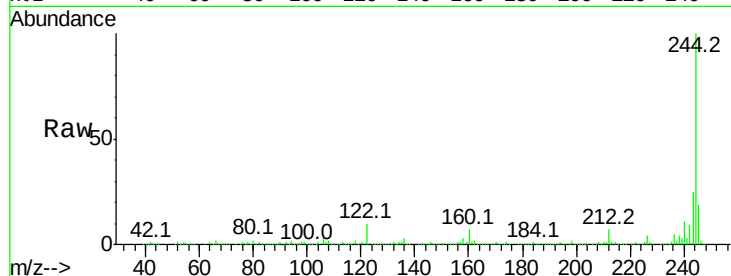




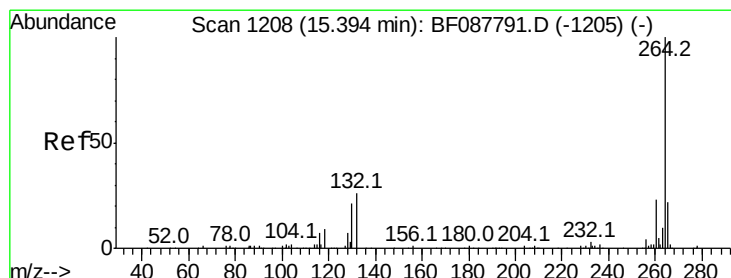
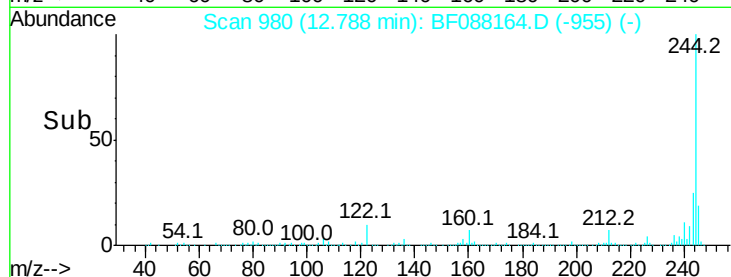
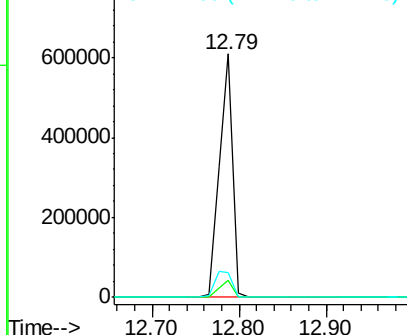
#78
 Terphenyl-d14
 Concen: 84.35 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088164.D
 Acq: 19 Jun 2016 6:11

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion:244 Resp: 659611
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.2 11.2 16.8#

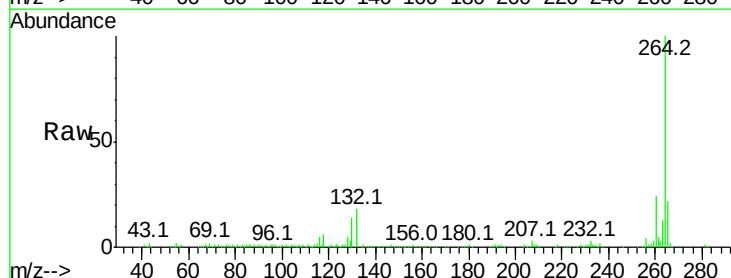


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF088164.D
 Acq: 19 Jun 2016 6:11

Tgt Ion:264 Resp: 134525
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.1 16.9 25.3



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

