

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088158.D
 Acq On : 19 Jun 2016 3:18
 Operator : UM/SJ
 Sample : H3628-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Quant Time: Jun 20 06:44:46 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	92732	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	322175	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	127977	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	208360	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	172561	20.00	ng	-0.02
86) Perylene-d12	15.21	264	126248	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	330197	60.87	ng	0.00
7) Phenol-d6	6.34	99	272143	41.40	ng	-0.01
23) Nitrobenzene-d5	7.26	82	493696	89.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	131998	97.68	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	756030	93.35	ng	-0.02
78) Terphenyl-d14	12.79	244	625753	82.52	ng	-0.01

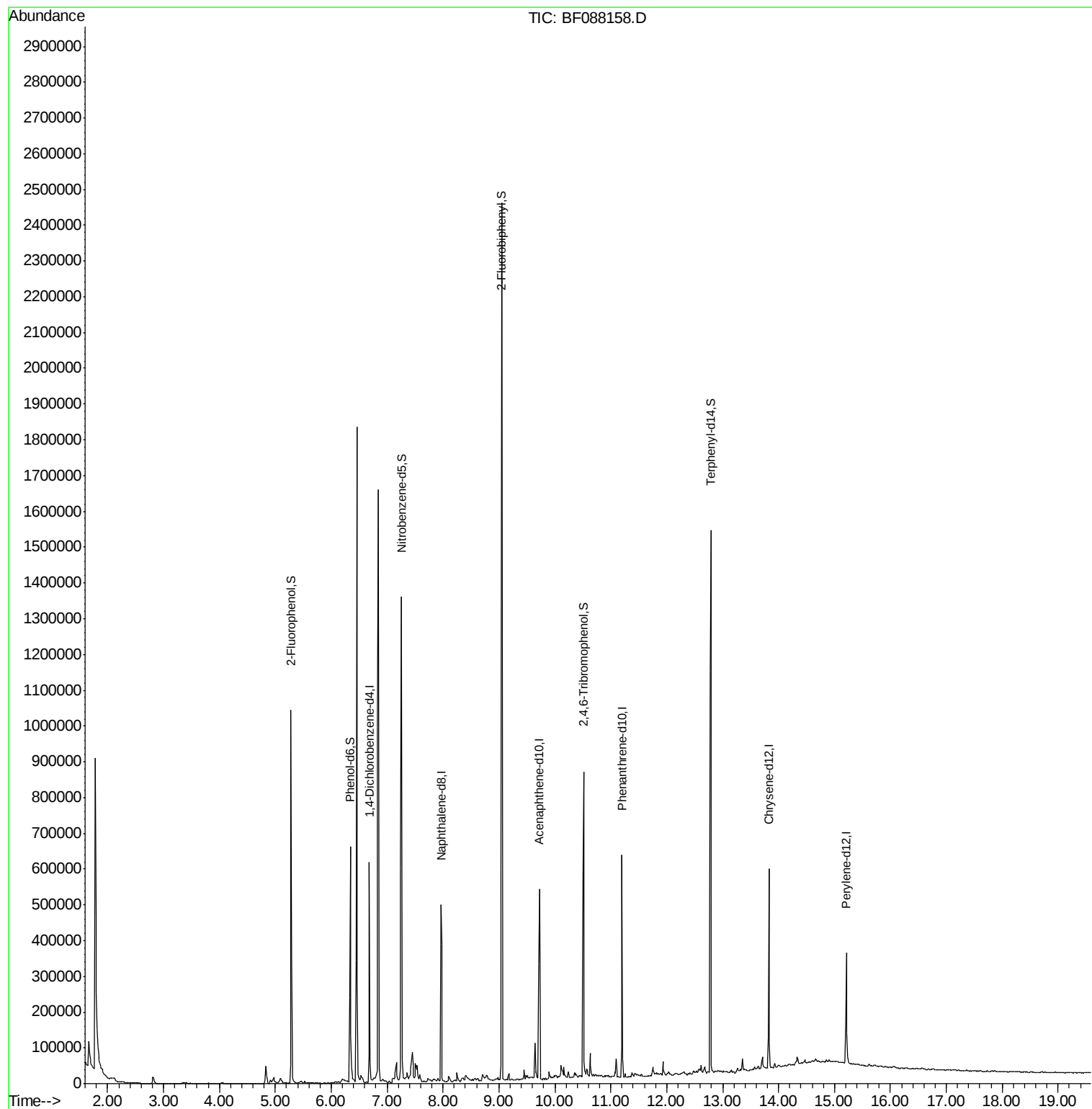
Target Compounds Qvalue

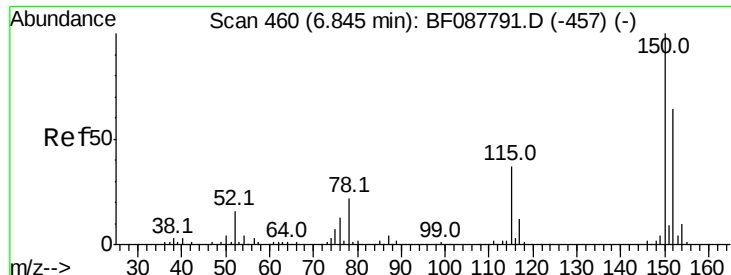
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088158.D

Acq: 19 Jun 2016 3:18

Instrument :

BNA_F

ClientSampleId :

W-27

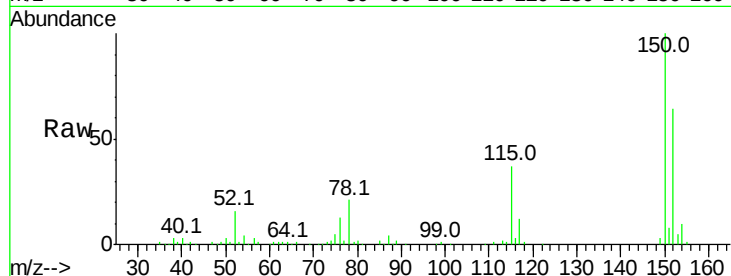
Tot Ion:152 Resp: 92732

Ion Ratio Lower Upper

152 100

150 155.2 123.8 185.6

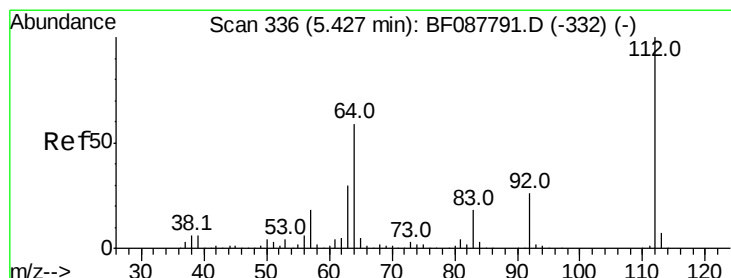
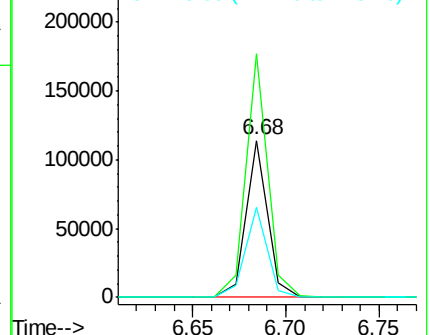
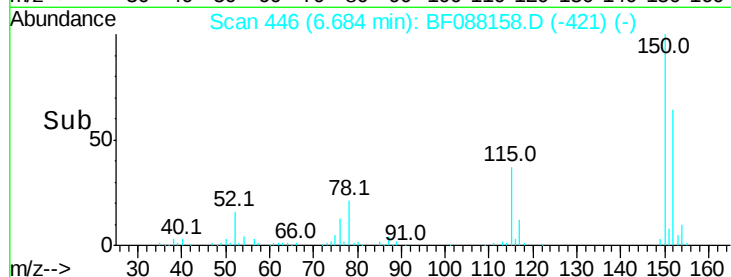
115 57.2 39.6 59.4



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: 60.87 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF088158.D

Acq: 19 Jun 2016 3:18

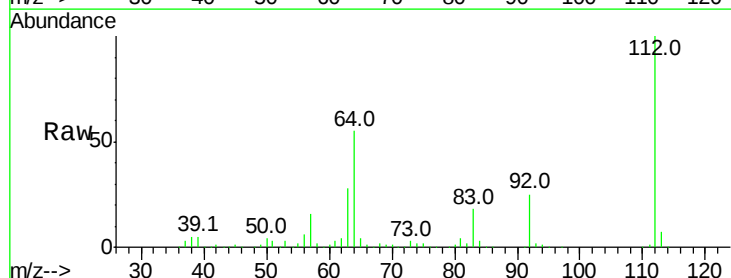
Tgt Ion:112 Resp: 330197

Ion Ratio Lower Upper

112 100

64 55.5 42.2 63.2

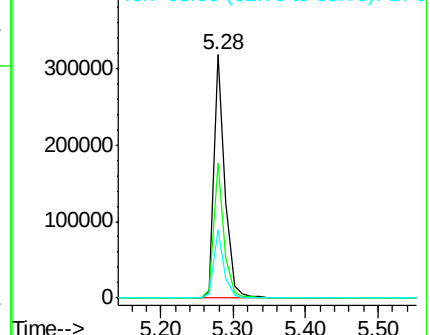
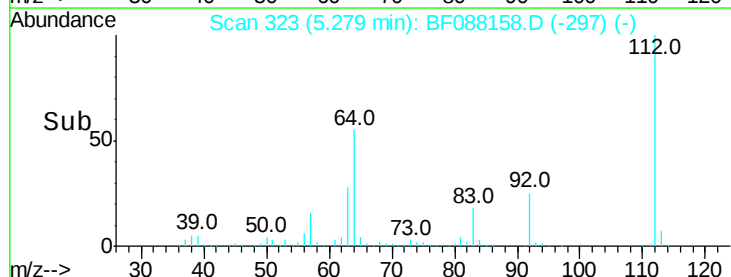
63 28.1 21.8 32.8



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: 41.40 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088158.D

Acq: 19 Jun 2016 3:18

Instrument :

BNA_F

ClientSampleId :

W-27

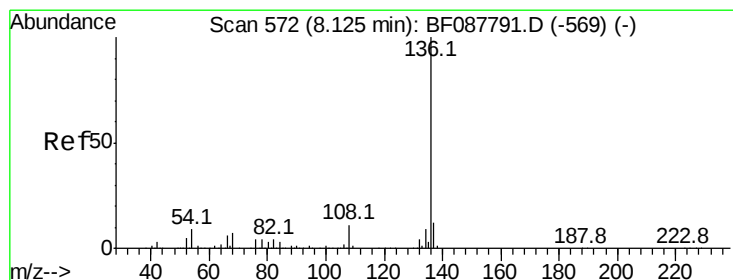
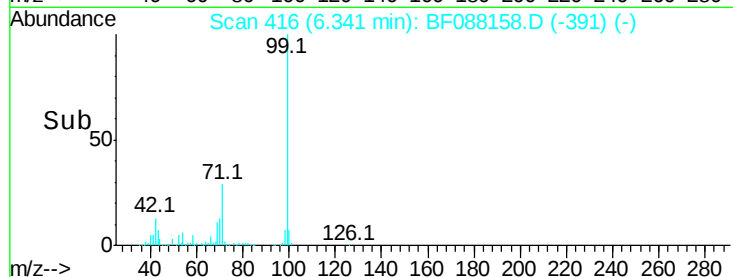
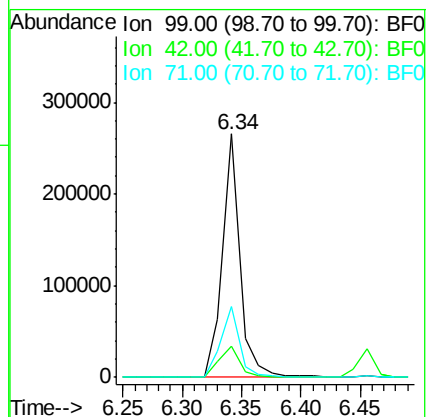
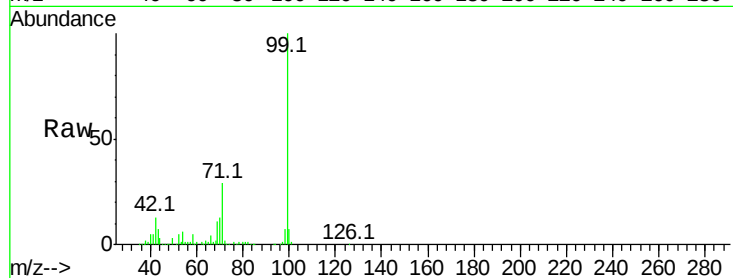
Tot Ion: 99 Resp: 272143

Ion Ratio Lower Upper

99 100

42 13.0 12.2 18.2

71 29.2 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF088158.D

Acq: 19 Jun 2016 3:18

Tgt Ion: 136 Resp: 322175

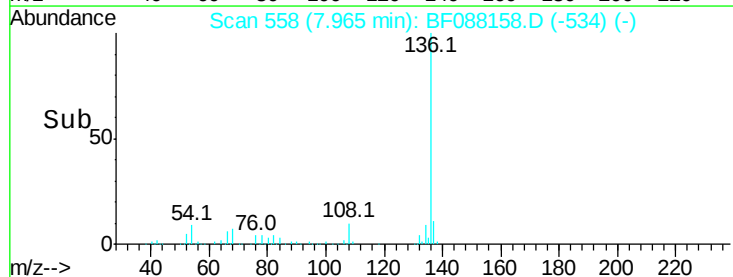
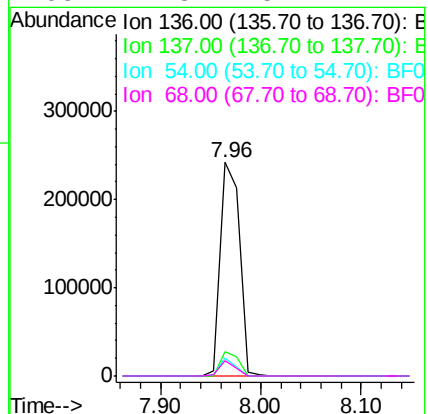
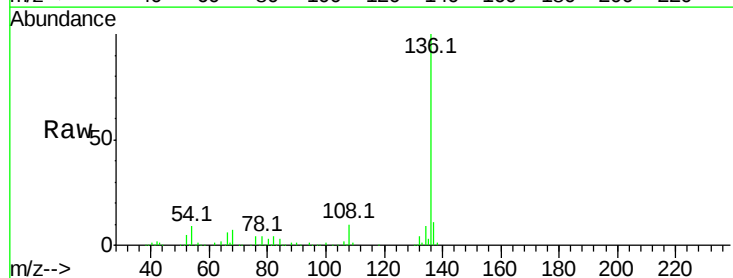
Ion Ratio Lower Upper

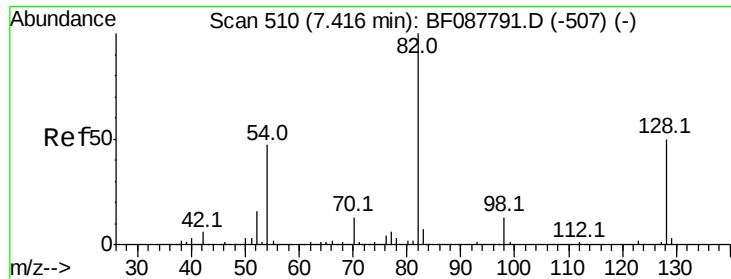
136 100

137 11.2 9.1 13.7

54 8.6 6.6 10.0

68 7.3 5.1 7.7

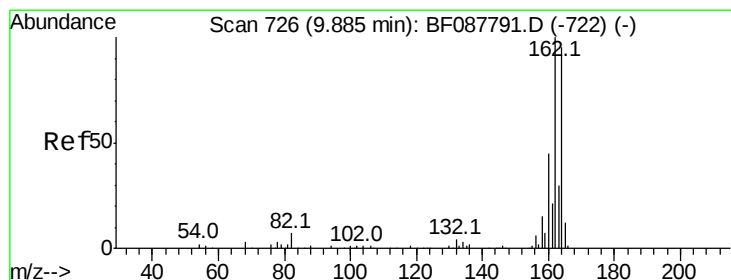
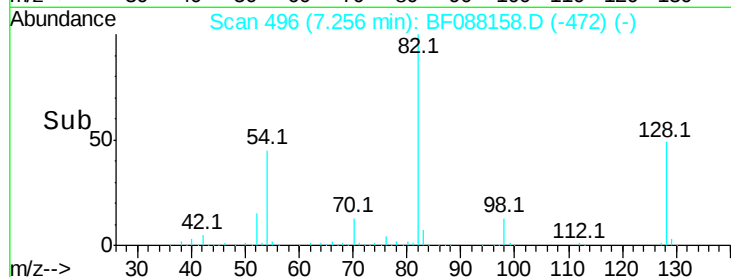
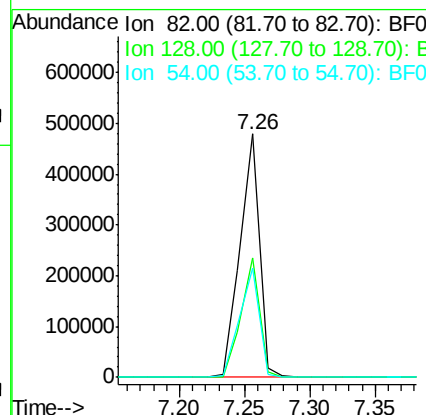
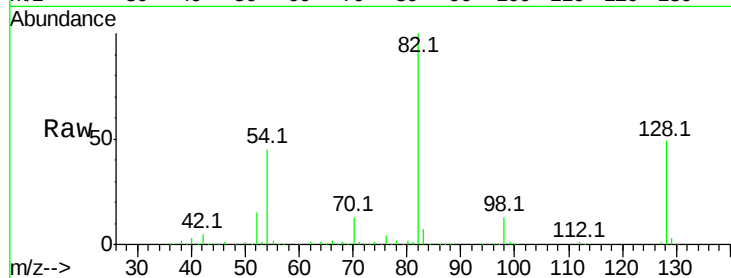




#23
Nitrobenzene-d5
Concen: 89.48 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088158.D
Acq: 19 Jun 2016 3:18

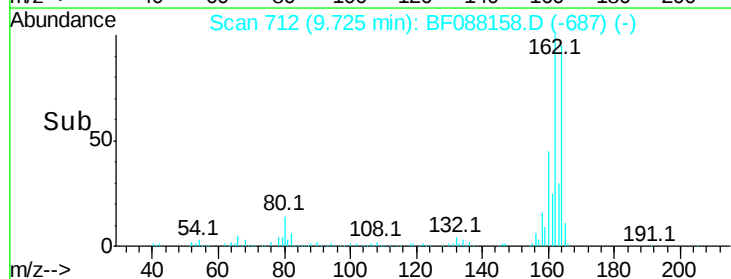
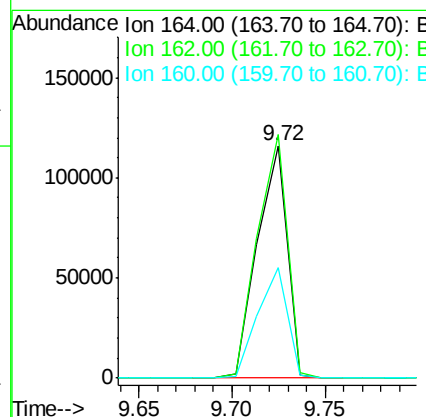
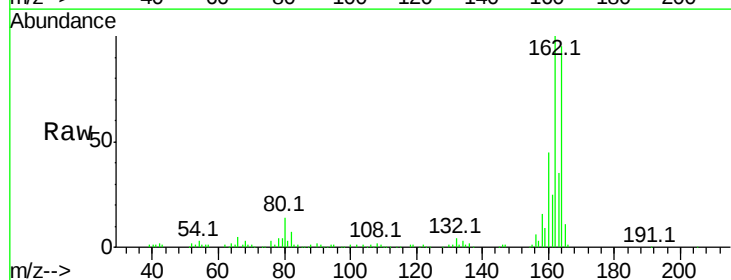
Instrument :
BNA_F
ClientSampleId :
W-27

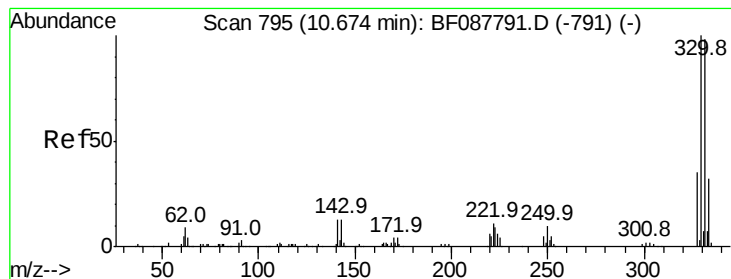
Tot Ion: 82 Resp: 493696
Ion Ratio Lower Upper
82 100
128 48.9 35.9 53.9
54 44.8 40.9 61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088158.D
Acq: 19 Jun 2016 3:18

Tgt Ion:164 Resp: 127977
Ion Ratio Lower Upper
164 100
162 104.9 85.4 128.2
160 47.6 39.5 59.3

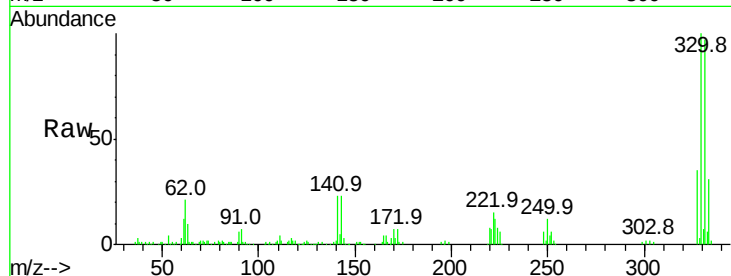




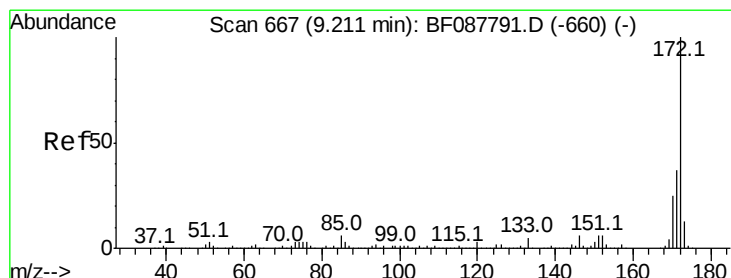
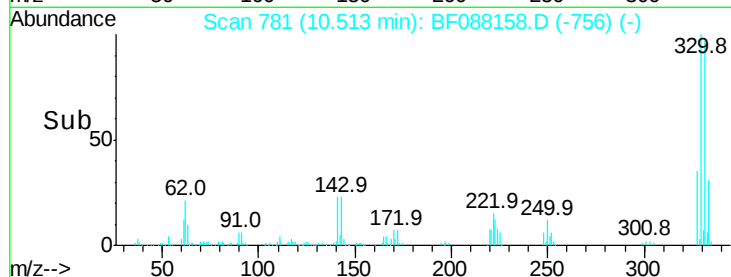
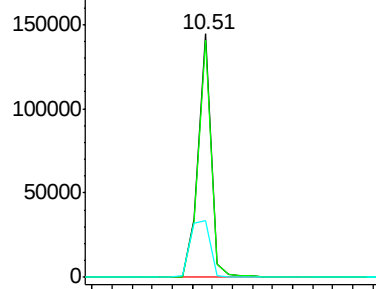
#41
 2,4,6-Tribromophenol
 Concen: 97.68 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088158.D
 Acq: 19 Jun 2016 3:18

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	37.0	0.0	0.0#

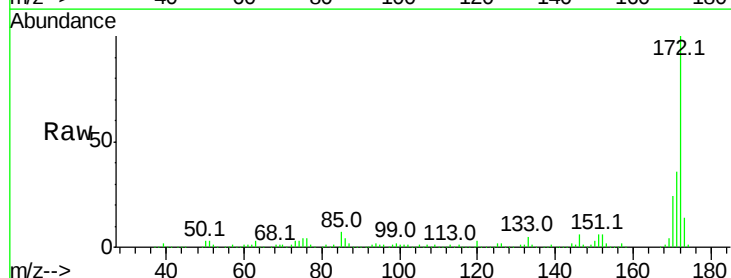


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

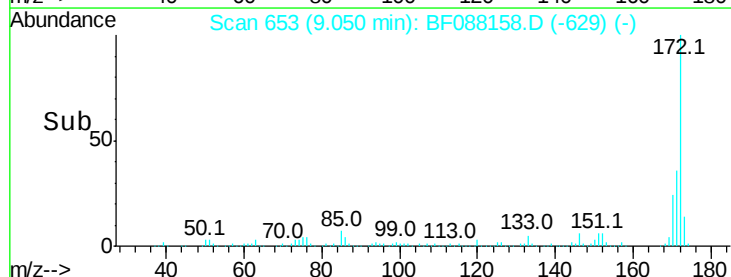
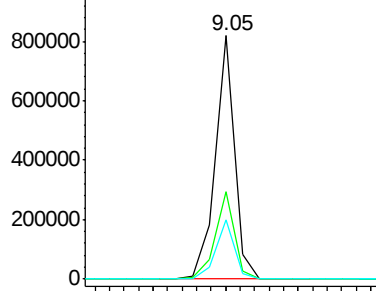


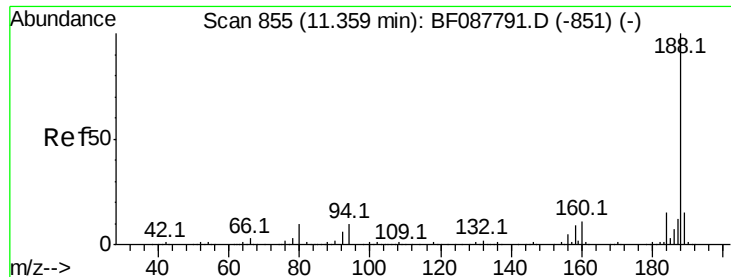
#44
 2-Fluorobiphenyl
 Concen: 93.35 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088158.D
 Acq: 19 Jun 2016 3:18

Tgt 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

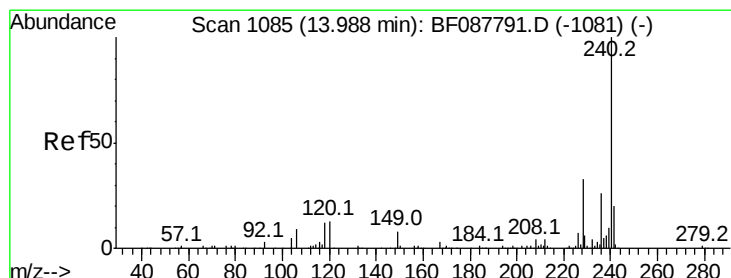
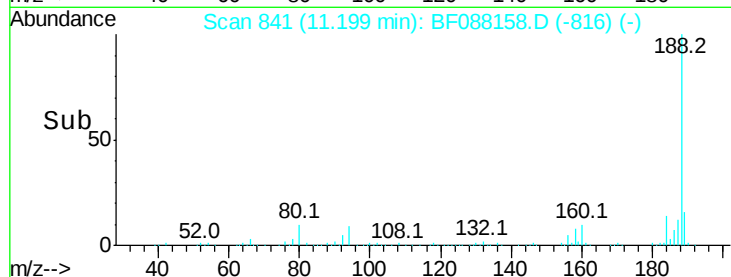
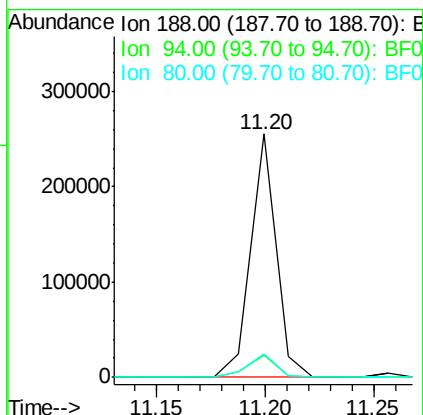
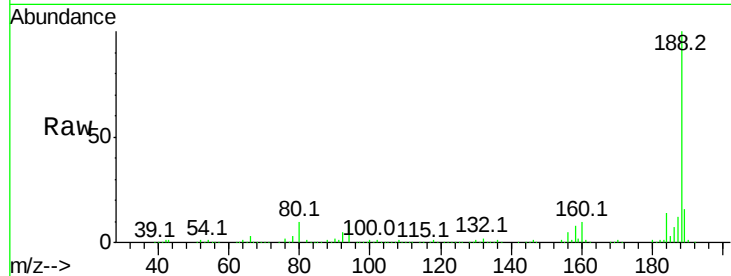




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088158.D
Acq: 19 Jun 2016 3:18

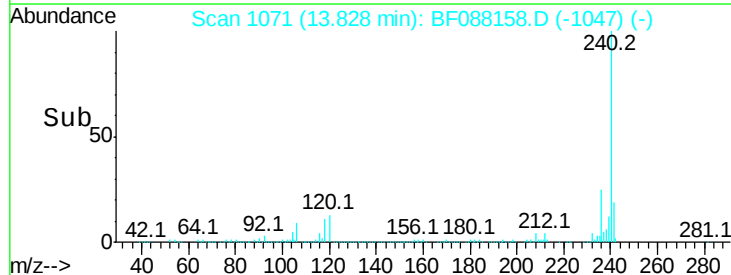
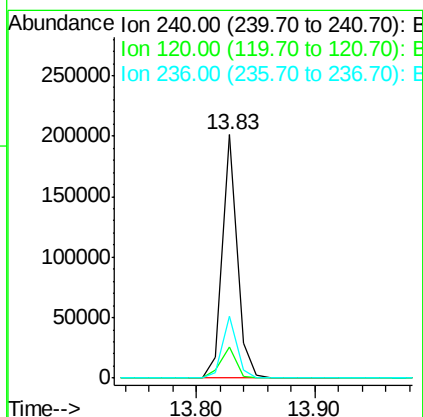
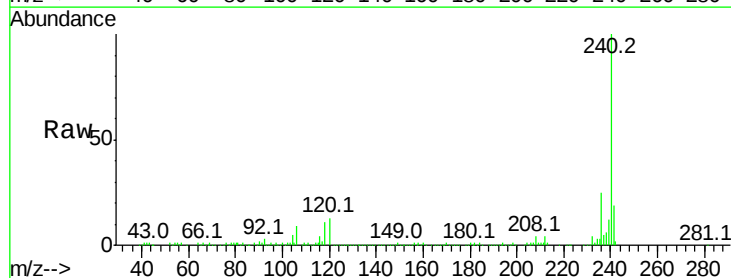
Instrument :
BNA_F
ClientSampleId :
W-27

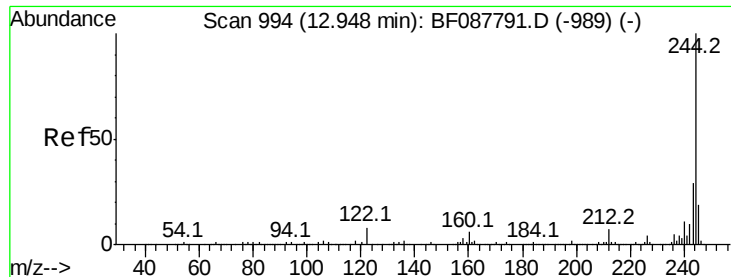
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.6
80	9.8	10.0	15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088158.D
Acq: 19 Jun 2016 3:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	6.8	10.2#
236	25.4	20.2	30.2

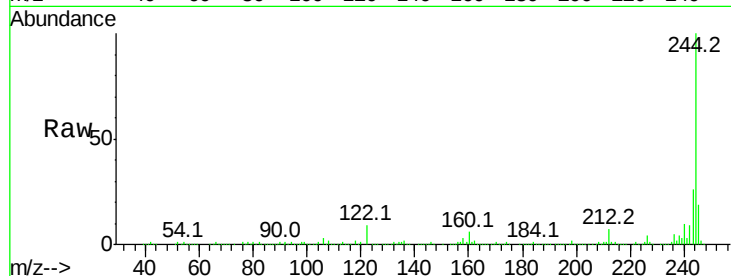




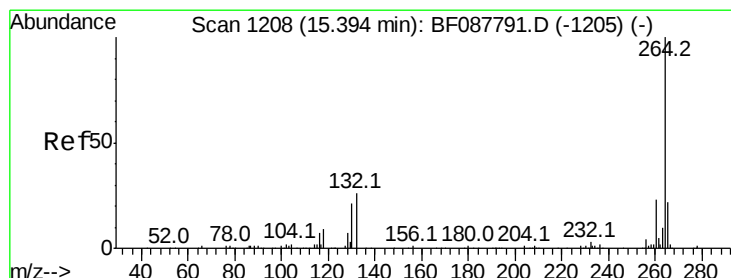
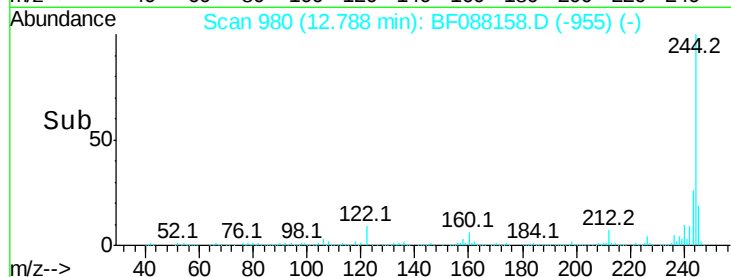
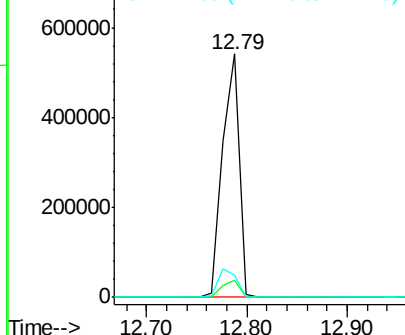
#78
 Terphenyl-d14
 Concen: 82.52 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088158.D
 Acq: 19 Jun 2016 3:18

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Tot Ion:244 Resp: 625753
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.1 11.2 16.8#

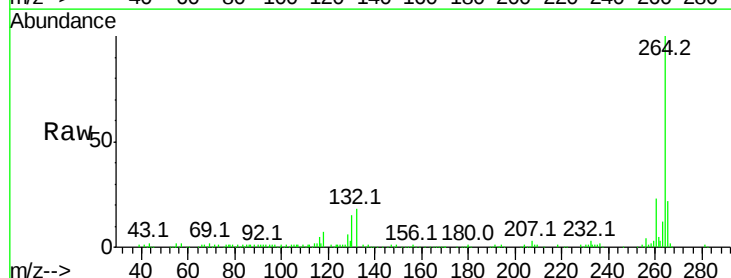


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF088158.D
 Acq: 19 Jun 2016 3:18

Tgt Ion:264 Resp: 126248
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.7 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

