

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089618.D
 Acq On : 5 Aug 2016 8:04
 Operator : UM/SJ
 Sample : H4288-24
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-DUP-04-072816

Quant Time: Aug 05 13:45:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	43186	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	187056	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	92401	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	178851	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	120176	20.00	ng	0.00
86) Perylene-d12	20.05	264	88042	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	138778	53.86	ng	0.01
7) Phenol-d6	6.98	99	119340	34.14	ng	0.00
23) Nitrobenzene-d5	8.35	82	290403	85.87	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	95960	125.84	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	562916	79.17	ng	0.00
78) Terphenyl-d14	17.05	244	480259	78.89	ng	0.00

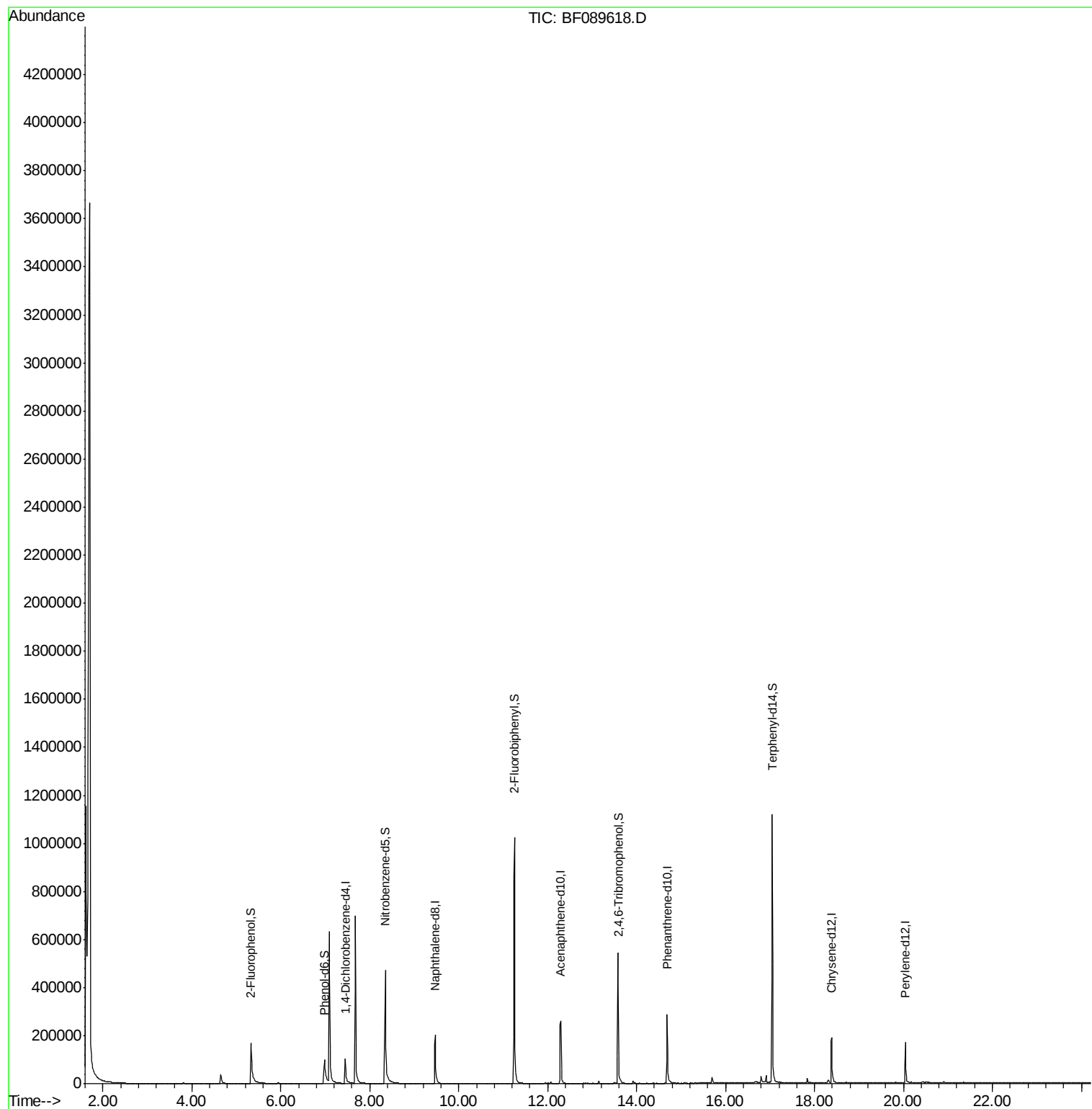
Target Compounds Qvalue

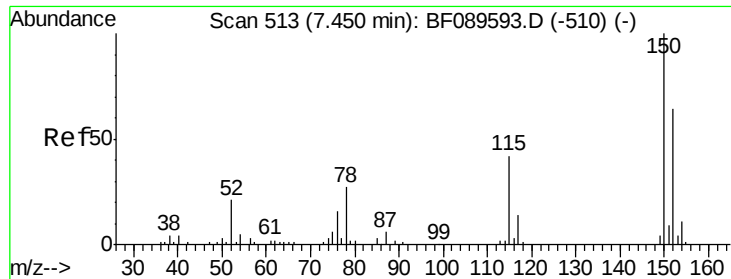
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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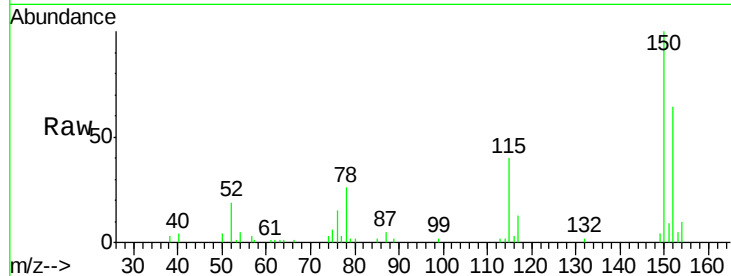


#1

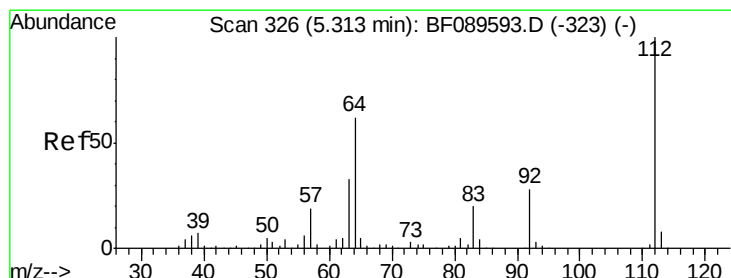
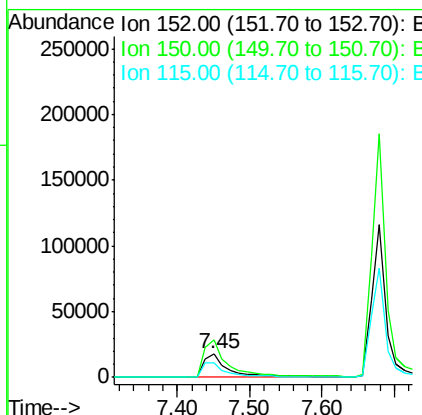
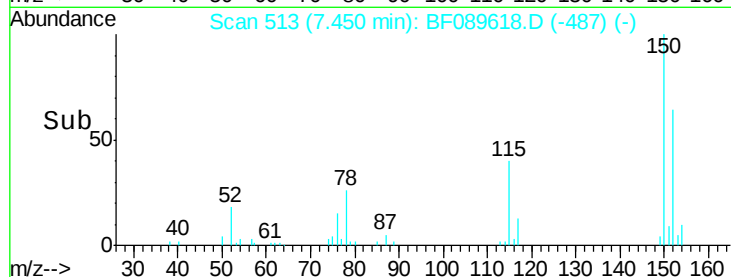
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089618.D
Acq: 5 Aug 2016 8:04

Instrument :
BNA_F
ClientSampleId :
GW-DUP-04-072816

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.5	188.3
115	63.2	52.0	78.0



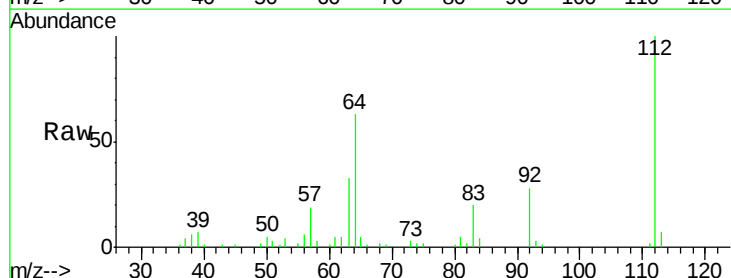
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



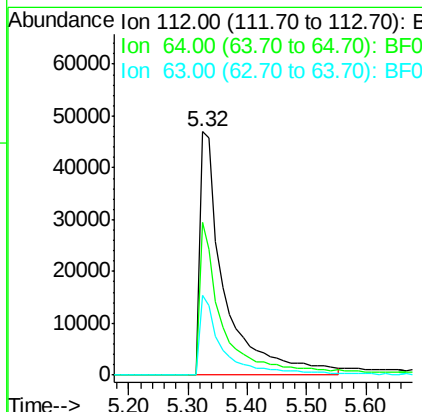
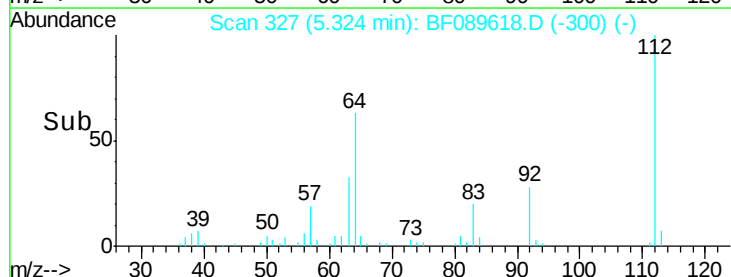
#5

2-Fluorophenol
Concen: 53.86 ng
RT: 5.32 min Scan# 327
Delta R.T. 0.01 min
Lab File: BF089618.D
Acq: 5 Aug 2016 8:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.9	74.9
63	33.0	26.1	39.1



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: 34.14 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089618.D

Acq: 5 Aug 2016 8:04

Instrument :

BNA_F

ClientSampleId :

GW-DUP-04-072816

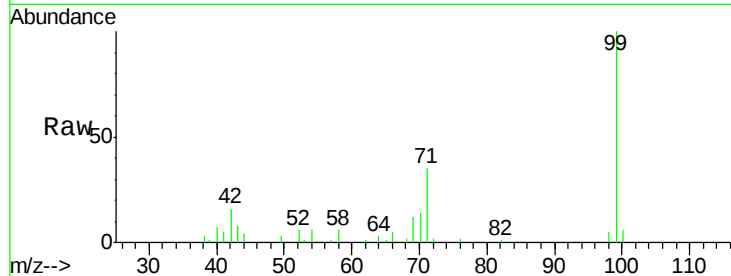
Tot Ion: 99 Resp: 119340

Ion Ratio Lower Upper

99 100

42 16.4 13.7 20.5

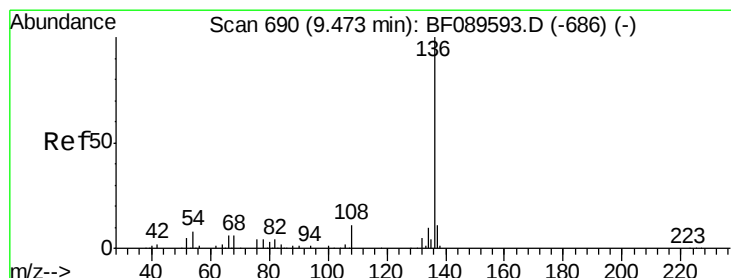
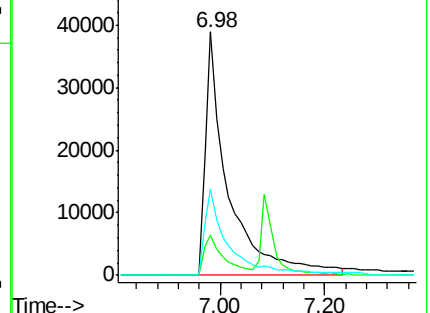
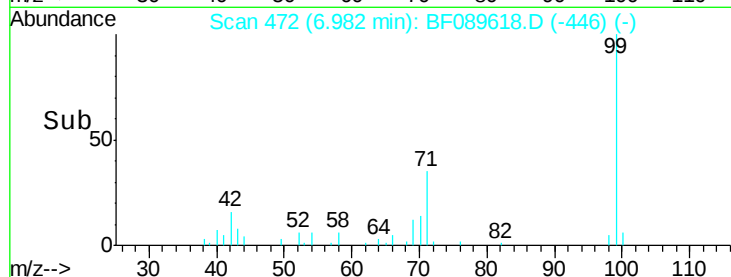
71 35.1 29.0 43.4



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: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089618.D

Acq: 5 Aug 2016 8:04

Tgt Ion: 136 Resp: 187056

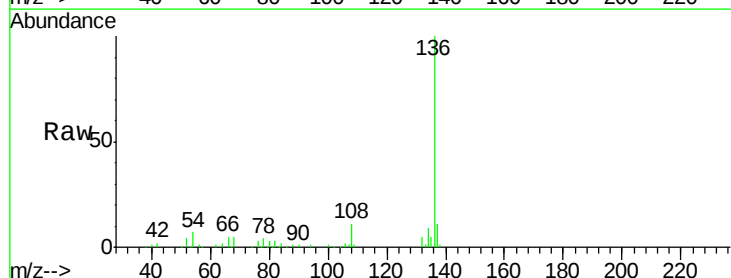
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.6 6.0 9.0

68 5.2 4.6 6.8

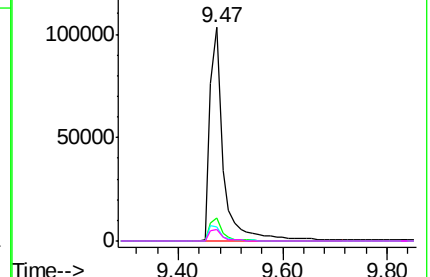
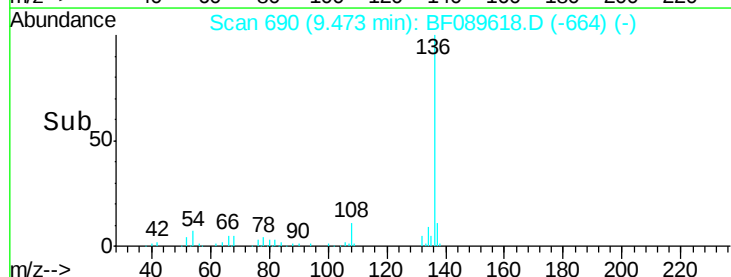


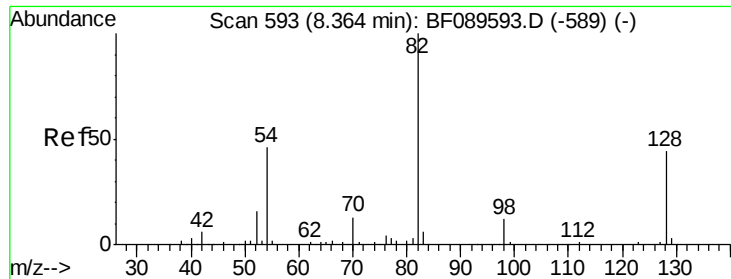
Abundance Ion 136.00 (135.70 to 136.70): E

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

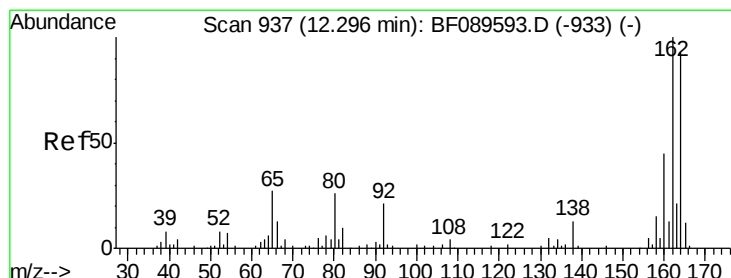
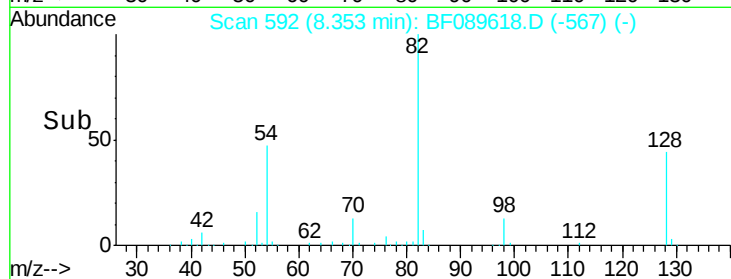
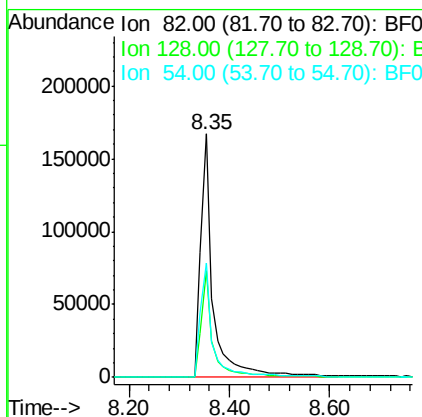
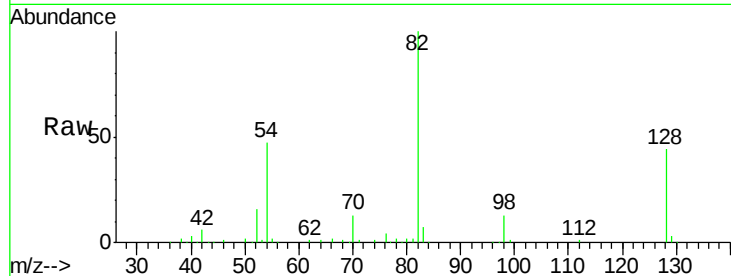




#23
 Nitrobenzene-d5
 Concen: 85.87 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089618.D
 Acq: 5 Aug 2016 8:04

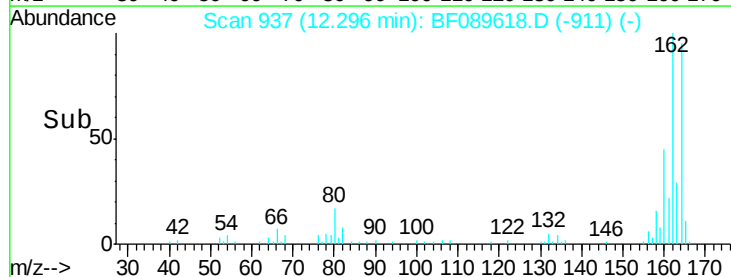
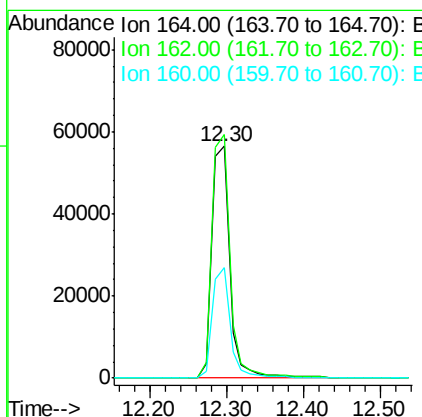
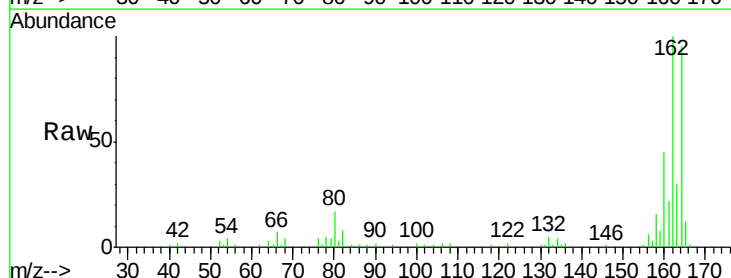
Instrument :
 BNA_F
 ClientSampleId :
 GW-DUP-04-072816

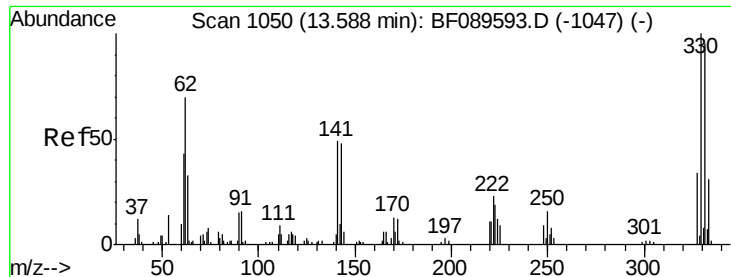
Tot Ion	82	Resp	290403
Ion Ratio	100		
Lower	35.4		
Upper	53.0		
54	47.0	36.4	54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089618.D
 Acq: 5 Aug 2016 8:04

Tgt Ion	164	Resp	92401
Ion Ratio	100		
Lower	85.7		
Upper	128.5		
162	105.1	38.2	57.4

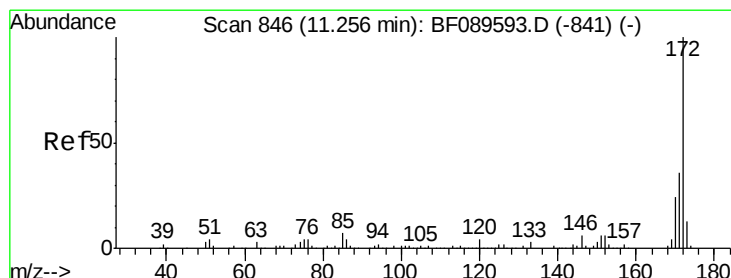
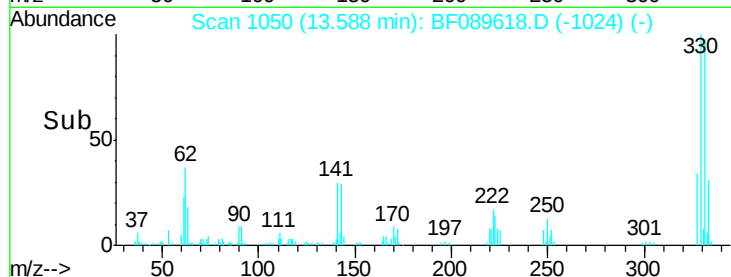
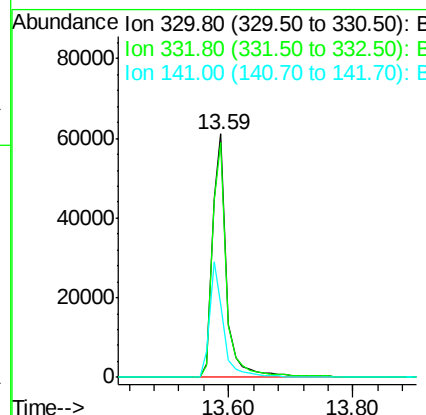
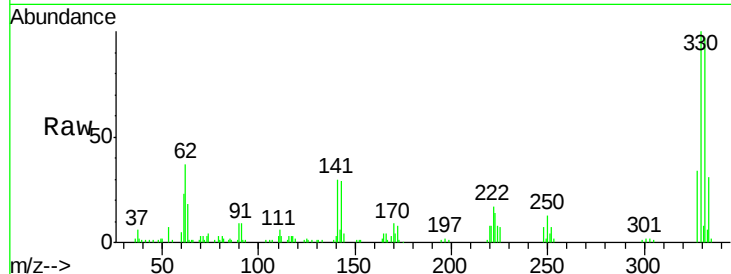




#41
 2,4,6-Tribromophenol
 Concen: 125.84 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089618.D
 Acq: 5 Aug 2016 8:04

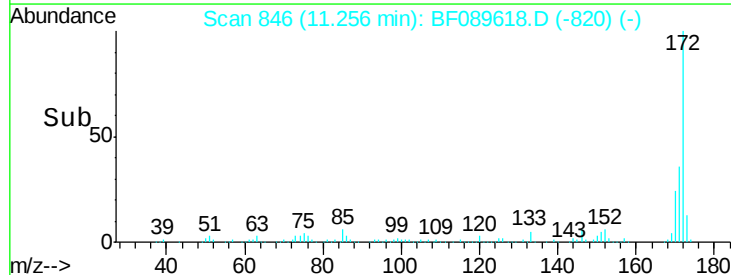
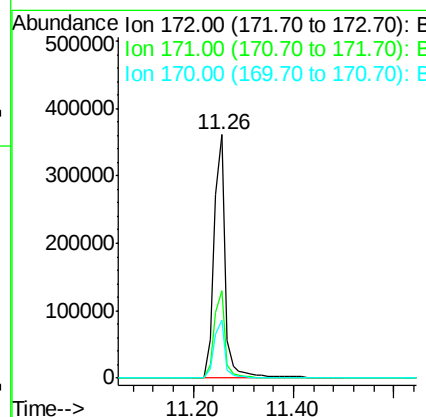
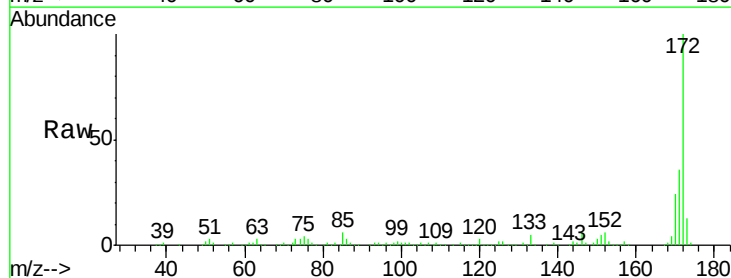
Instrument :
 BNA_F
 ClientSampleId :
 GW-DUP-04-072816

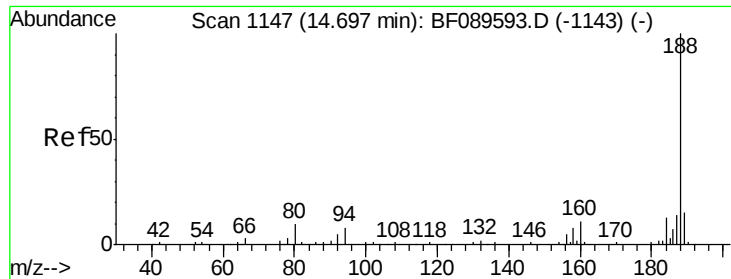
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	46.4	38.6	57.8



#44
 2-Fluorobiphenyl
 Concen: 79.17 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089618.D
 Acq: 5 Aug 2016 8:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.7	19.0	28.6

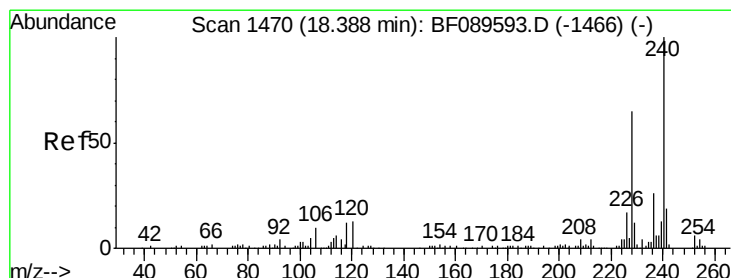
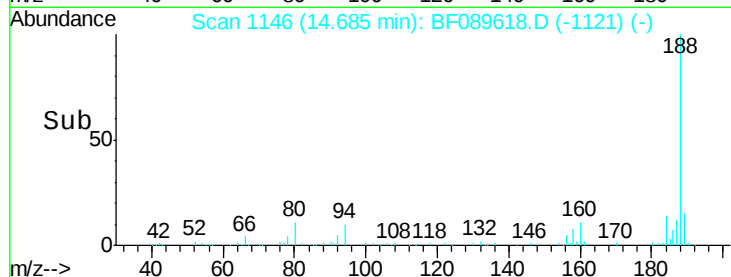
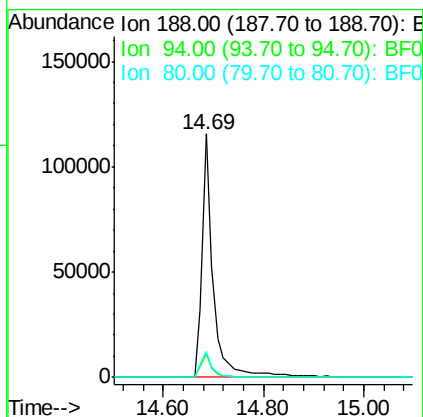
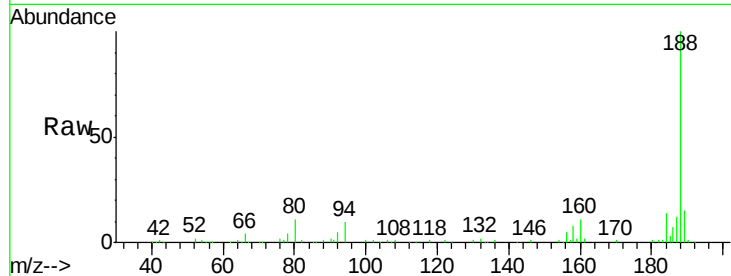




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089618.D
Acq: 5 Aug 2016 8:04

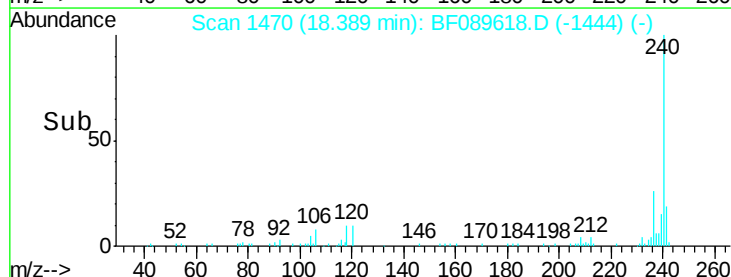
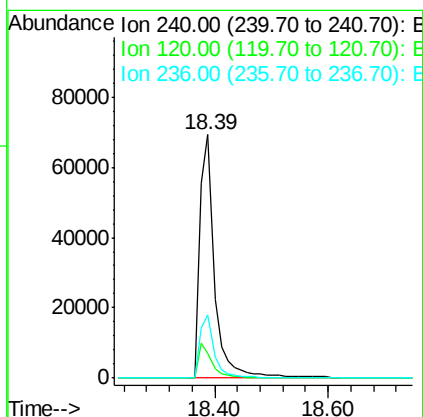
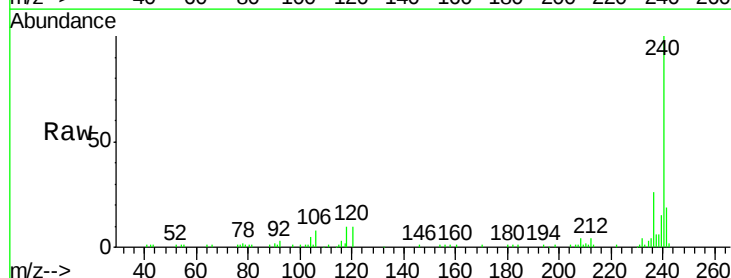
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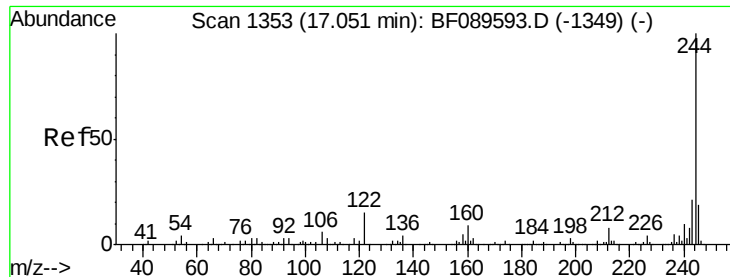
Tot Ion:188 Resp: 178851
Ion Ratio Lower Upper
188 100
94 9.5 6.5 9.7
80 10.9 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089618.D
Acq: 5 Aug 2016 8:04

Tgt Ion:240 Resp: 120176
Ion Ratio Lower Upper
240 100
120 10.3 10.6 15.8#
236 26.0 20.6 30.8





#78

Terphenyl-d14

Concen: 78.89 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089618.D

Acq: 5 Aug 2016 8:04

Instrument :

BNA_F

ClientSampleId :

GW-DUP-04-072816

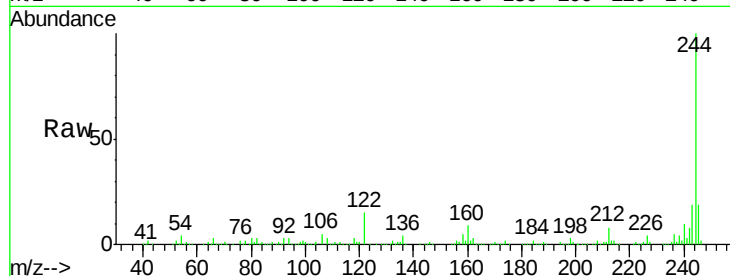
Tot Ion:244 Resp: 480259

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

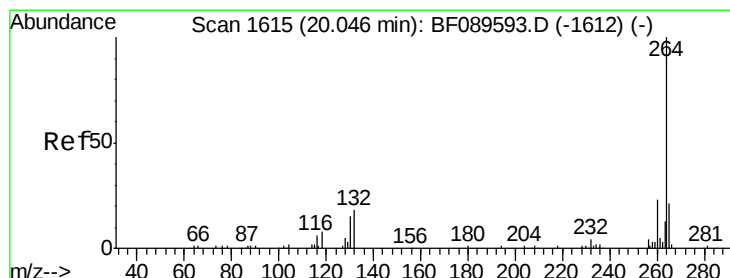
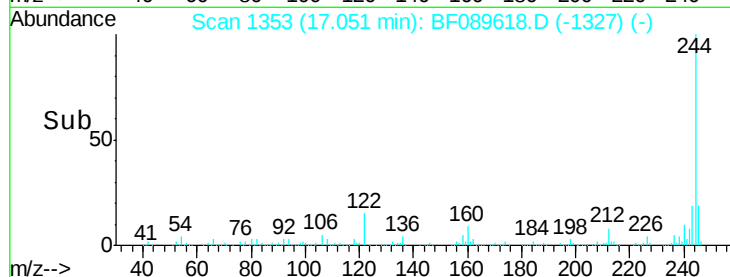
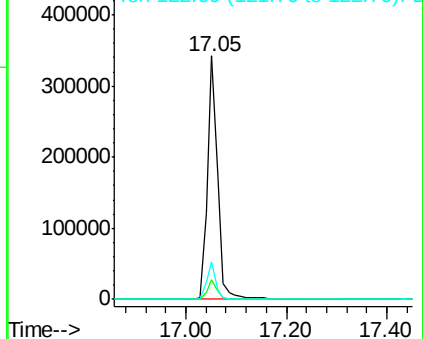
122 15.2 12.2 18.2



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: 20.05 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF089618.D

Acq: 5 Aug 2016 8:04

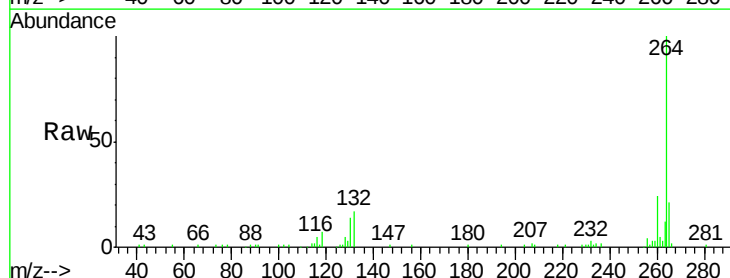
Tgt Ion:264 Resp: 88042

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.3 16.5 24.7



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

