

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092789.D
 Acq On : 3 Feb 2017 21:38
 Operator : SJ/MA
 Sample : I1687-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001

Quant Time: Feb 03 23:38:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	150283	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	501548	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	273126	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	504038	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	445928	20.00	ng	-0.05
86) Perylene-d12	15.56	264	144202	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1070948	122.26	ng	-0.03
7) Phenol-d6	6.57	99	1294130	114.82	ng	-0.03
23) Nitrobenzene-d5	7.49	82	872236	96.85	ng	-0.05
41) 2,4,6-Tribromophenol	10.76	330	287568	145.57	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	1438893	95.44	ng	-0.05
78) Terphenyl-d14	13.05	244	1337353	70.47	ng	-0.03

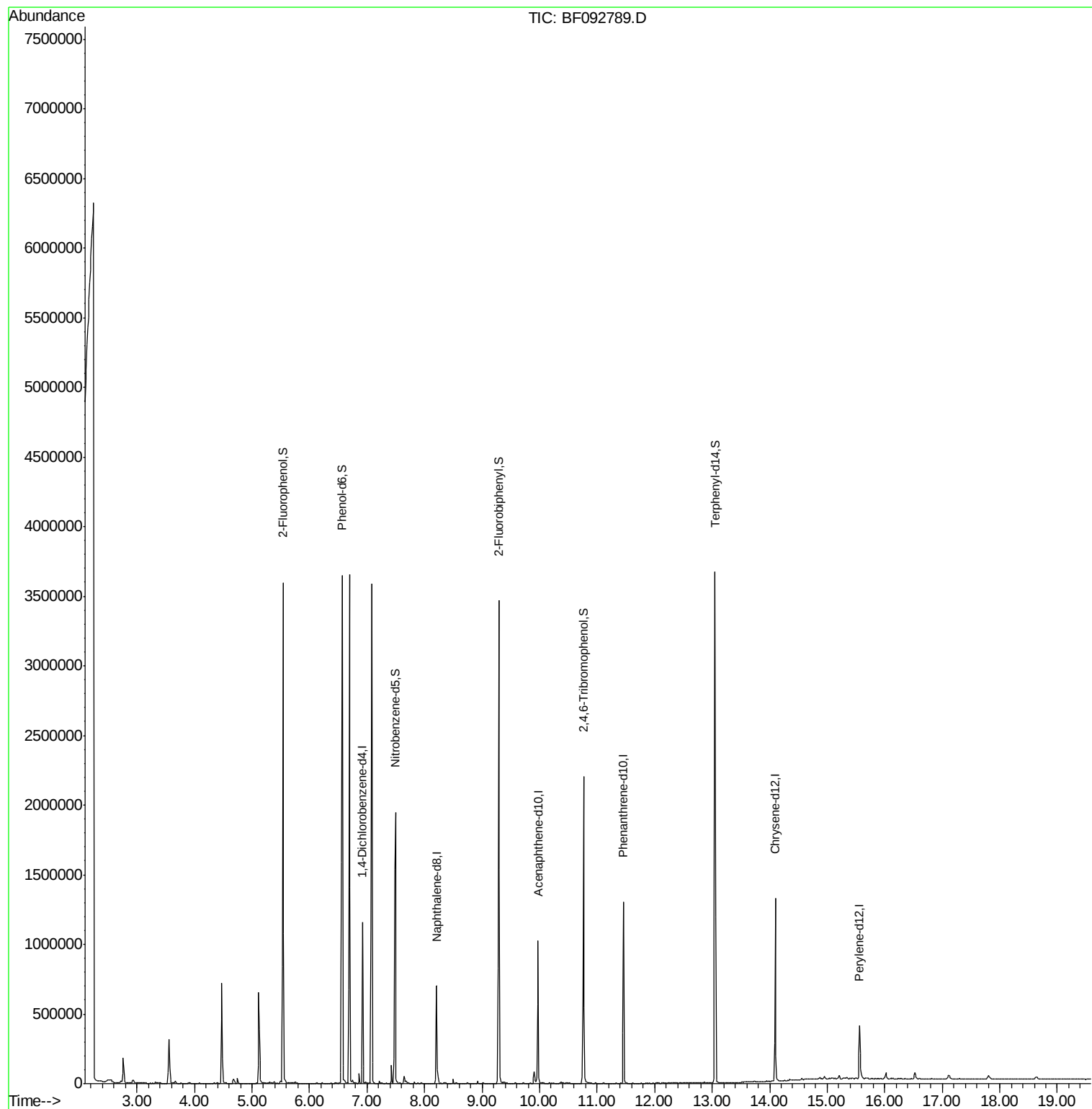
Target Compounds	Qvalue
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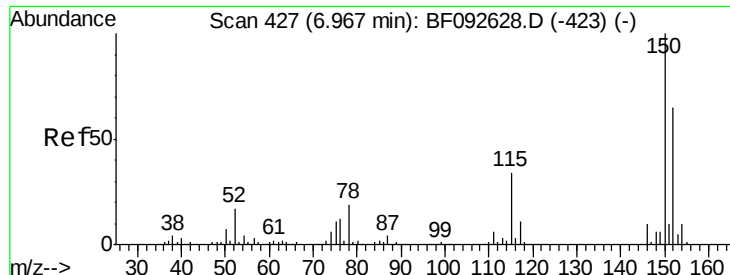
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF092789.D

Acq: 3 Feb 2017 21:38

Instrument :

BNA_F

ClientSampleId :

WC-B6-B7-001

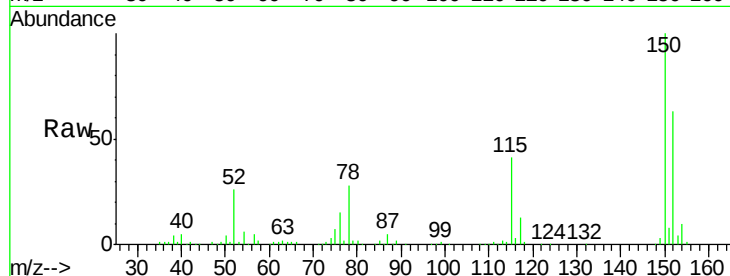
Tgt Ion:152 Resp: 150283

Ion Ratio Lower Upper

152 100

150 159.6 124.9 187.3

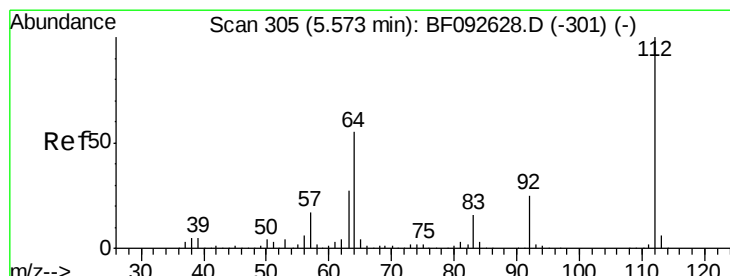
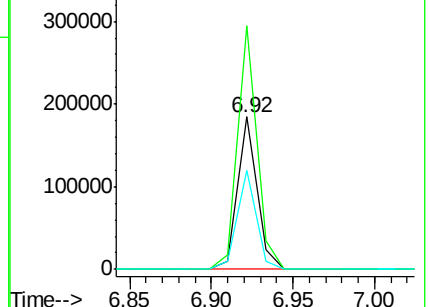
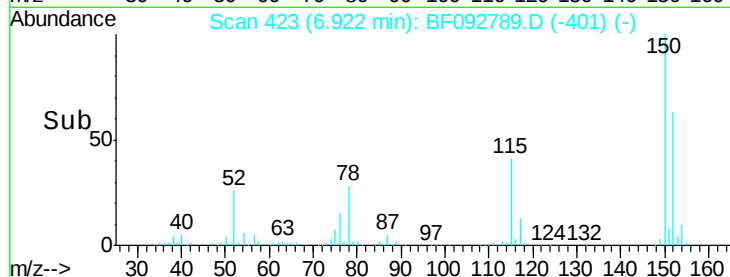
115 65.2 46.0 69.0



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: 122.26 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092789.D

Acq: 3 Feb 2017 21:38

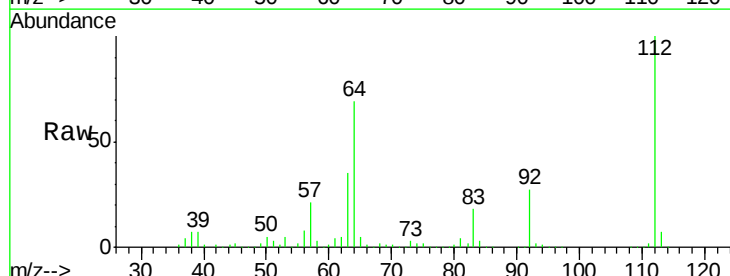
Tgt Ion:112 Resp: 1070948

Ion Ratio Lower Upper

112 100

64 69.0 46.1 69.1

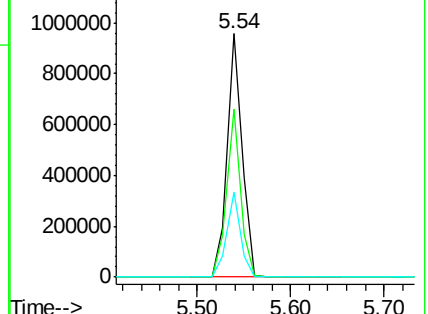
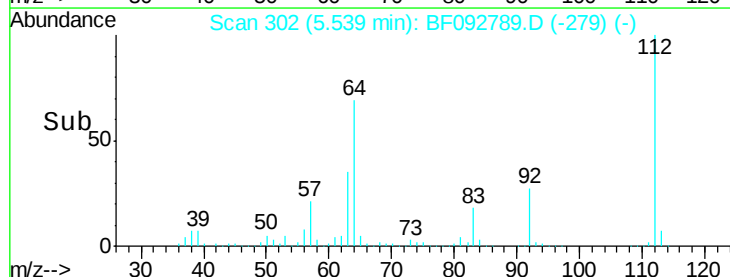
63 34.6 23.8 35.6



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: 114.82 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092789.D

Acq: 3 Feb 2017 21:38

Instrument :

BNA_F

ClientSampleId :

WC-B6-B7-001

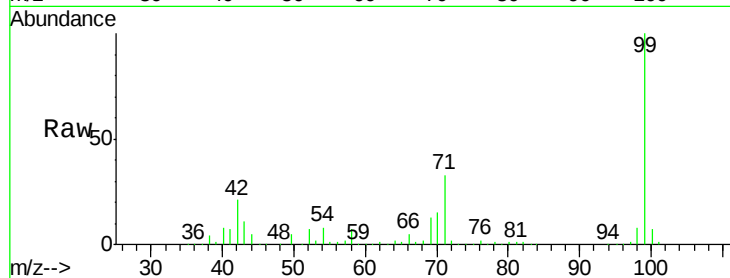
Tgt Ion: 99 Resp: 1294130

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

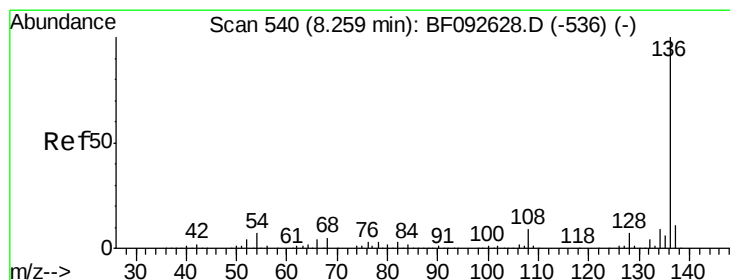
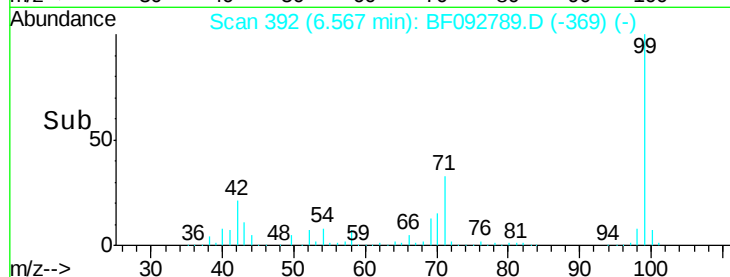
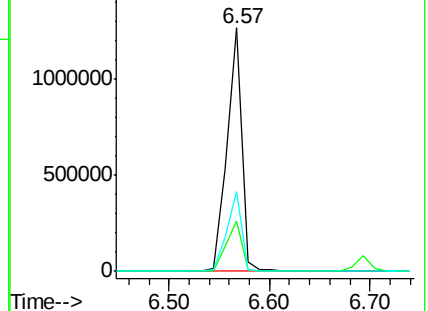
71 32.6 27.5 41.3



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: 8.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF092789.D

Acq: 3 Feb 2017 21:38

Tgt Ion: 136 Resp: 501548

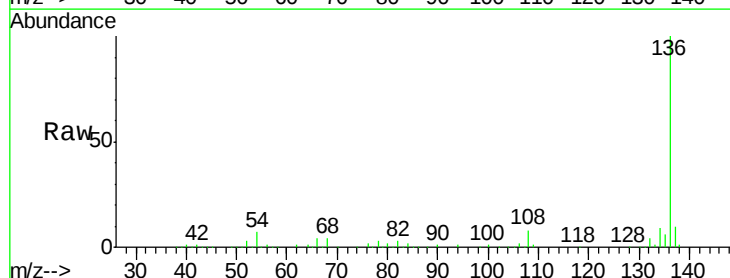
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 6.6 4.5 6.7

68 4.4 3.6 5.4

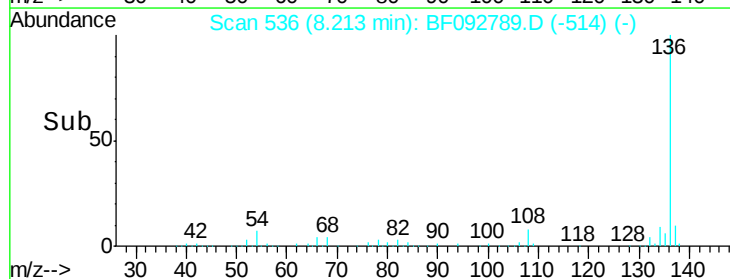
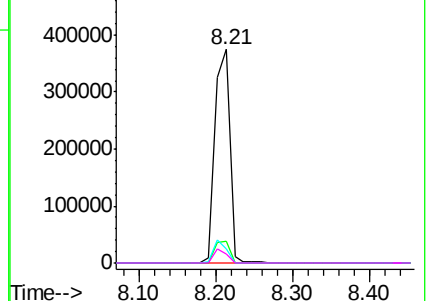


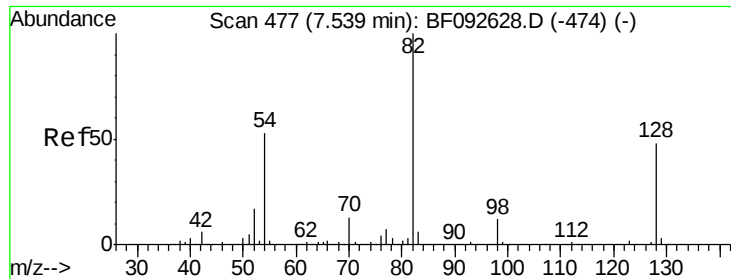
Abundance Ion 136.00 (135.70 to 136.70): E

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

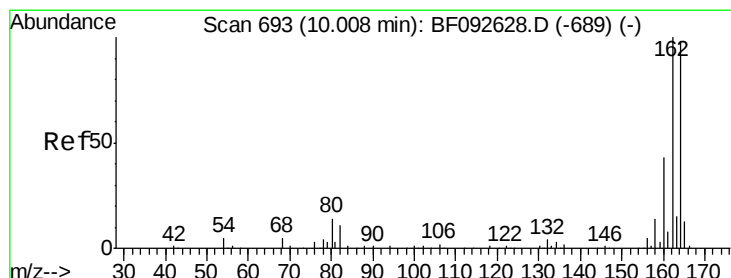
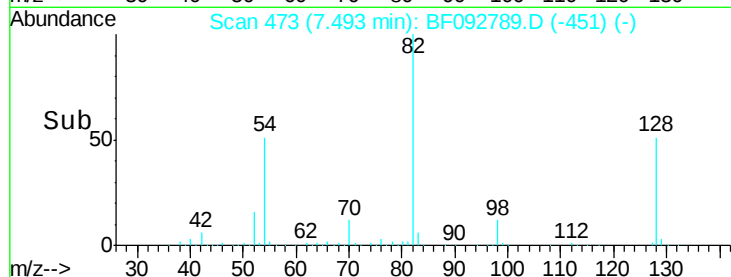
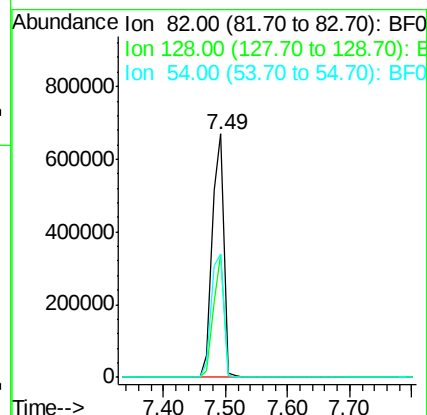
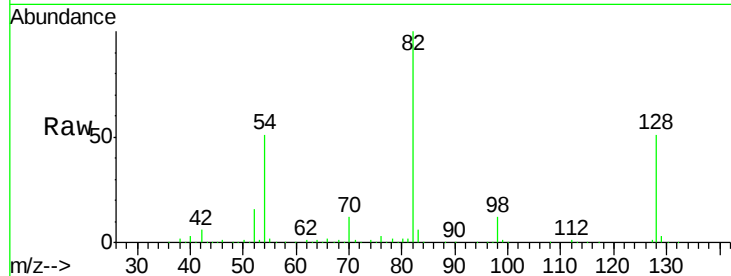




#23
 Nitrobenzene-d5
 Concen: 96.85 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.05 min
 Lab File: BF092789.D
 Acq: 3 Feb 2017 21:38

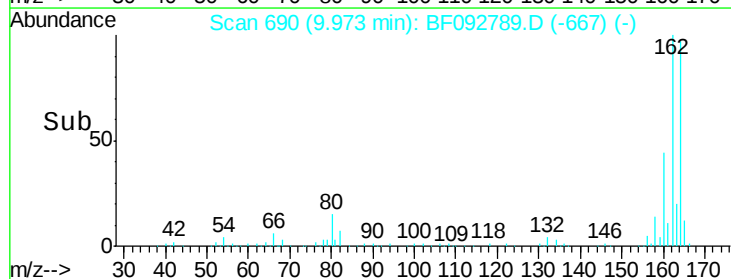
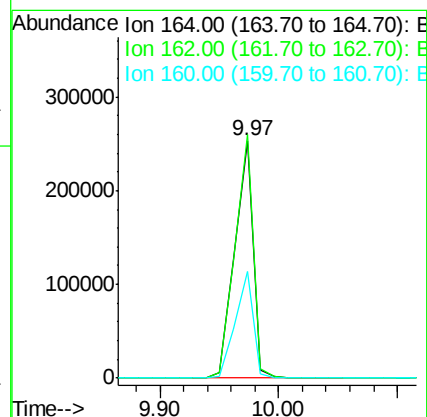
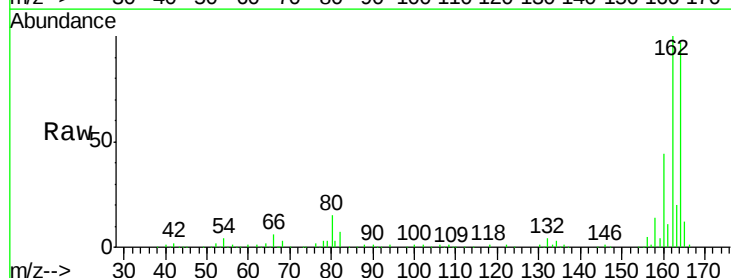
Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001

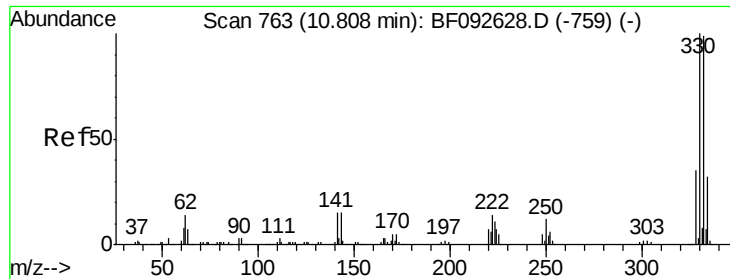
Tgt Ion: 82 Resp: 872236
 Ion Ratio Lower Upper
 82 100
 128 50.9 34.6 52.0
 54 50.6 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092789.D
 Acq: 3 Feb 2017 21:38

Tgt Ion: 164 Resp: 273126
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.2 120.2
 160 44.7 36.9 55.3

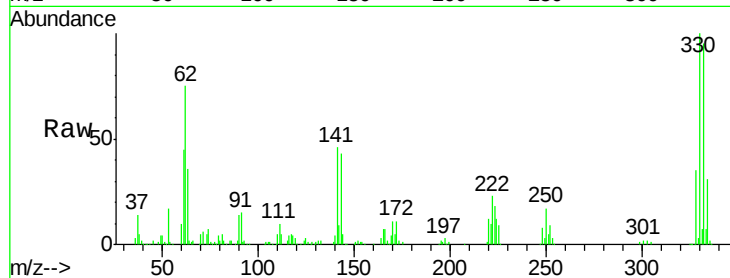




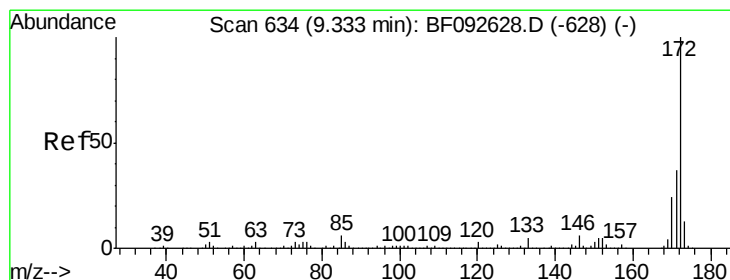
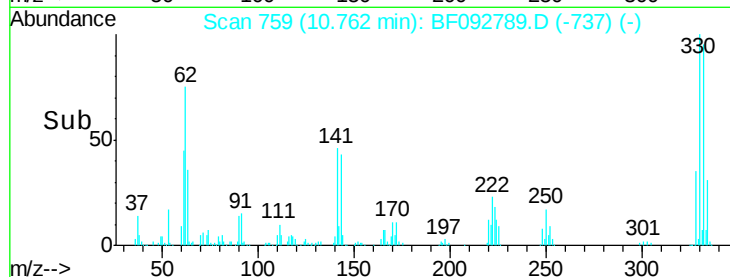
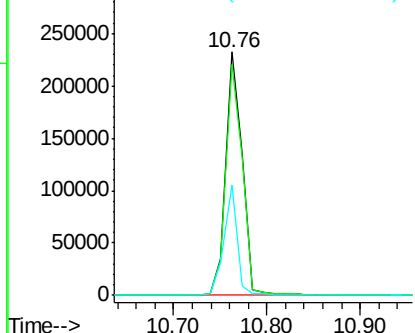
#41
 2,4,6-Tribromophenol
 Concen: 145.57 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.05 min
 Lab File: BF092789.D
 Acq: 3 Feb 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001

Tgt Ion:330 Resp: 287568
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 36.4 34.1 51.1

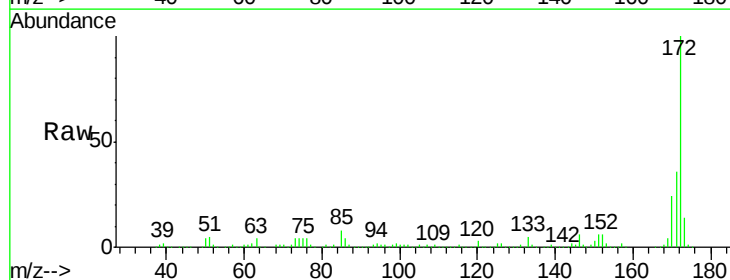


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

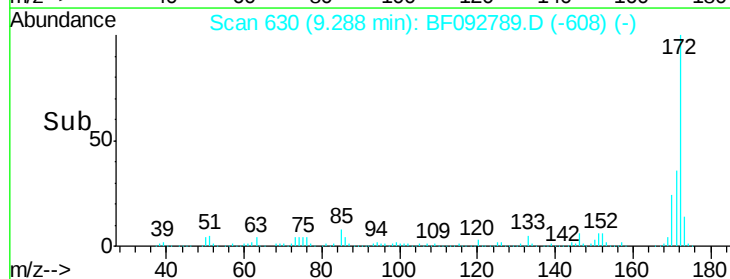
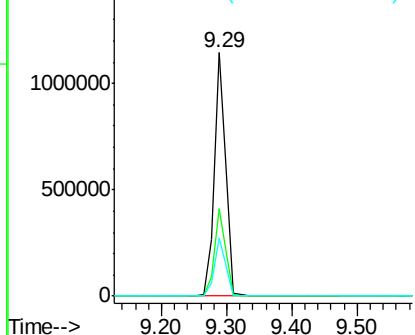


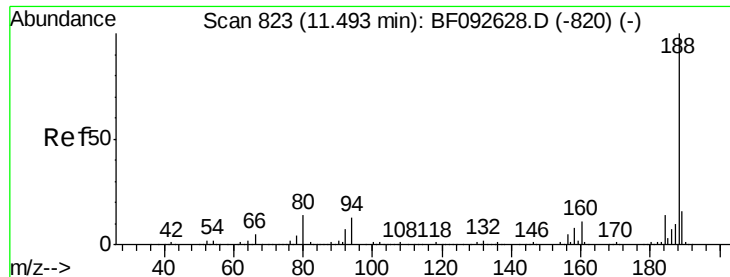
#44
 2-Fluorobiphenyl
 Concen: 95.44 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF092789.D
 Acq: 3 Feb 2017 21:38

Tgt Ion:172 Resp: 1438893
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.0 20.2 30.4



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

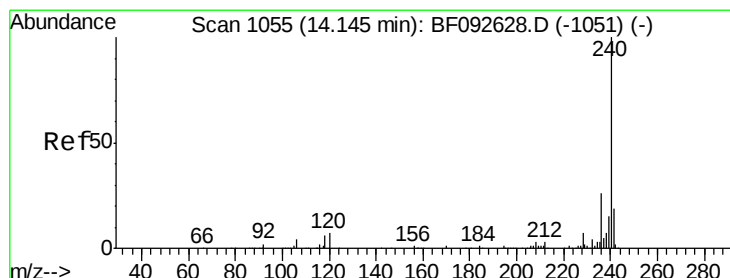
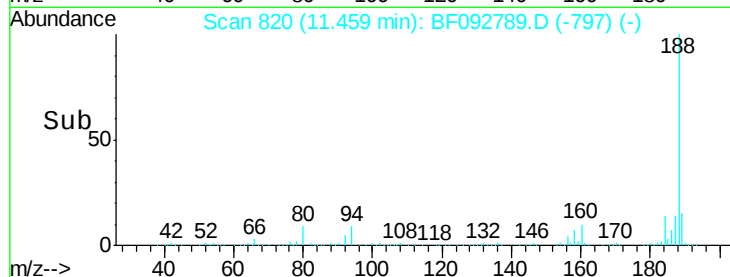
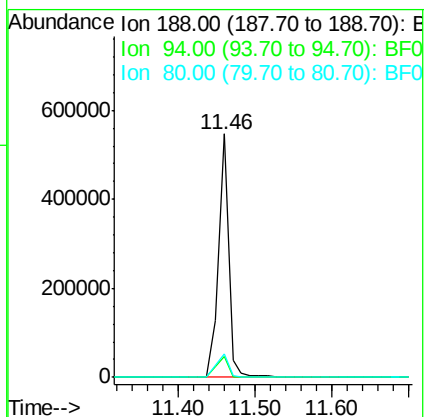
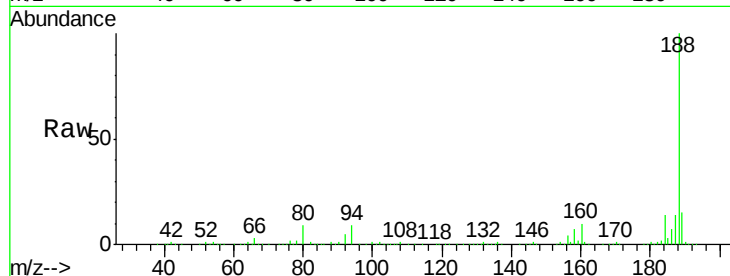




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

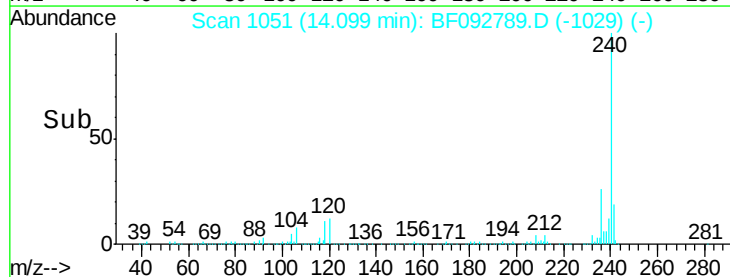
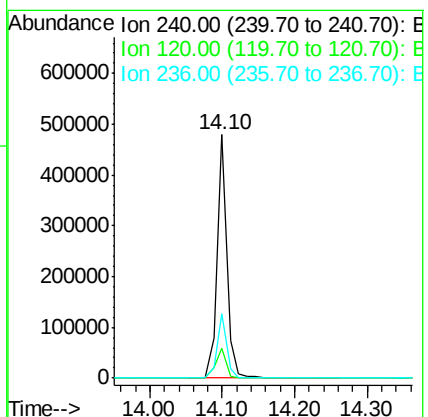
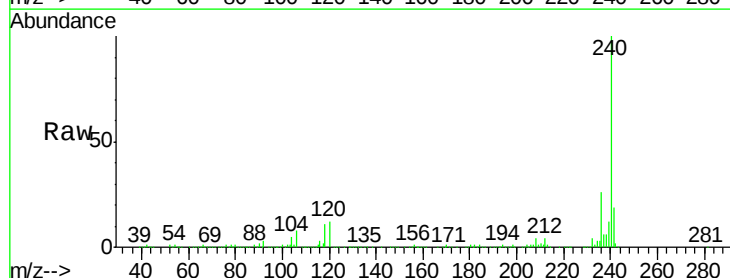
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WC-B6-B7-001

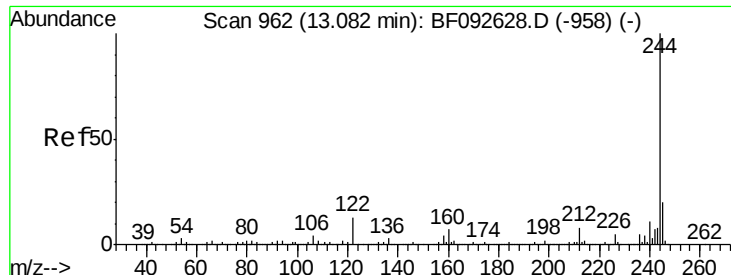
Tgt Ion:188 Resp: 504038
Ion Ratio Lower Upper
188 100
94 8.8 10.0 15.0#
80 9.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Tgt Ion:240 Resp: 445928
Ion Ratio Lower Upper
240 100
120 12.4 12.9 19.3#
236 26.3 20.9 31.3

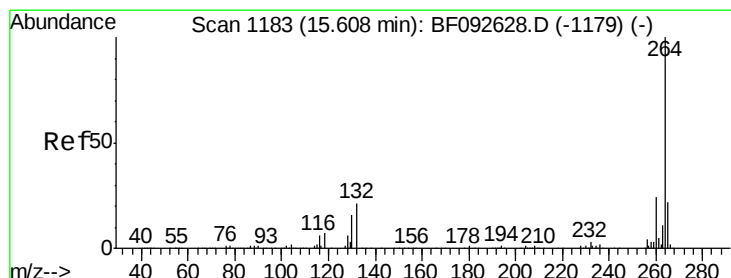
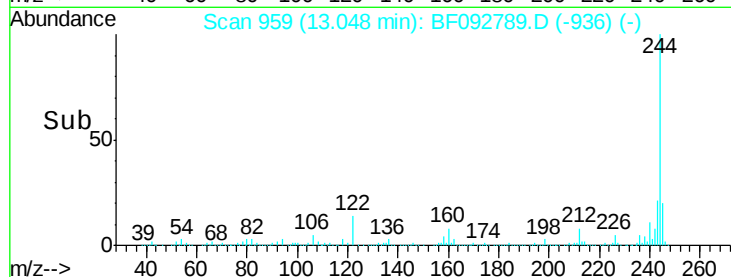
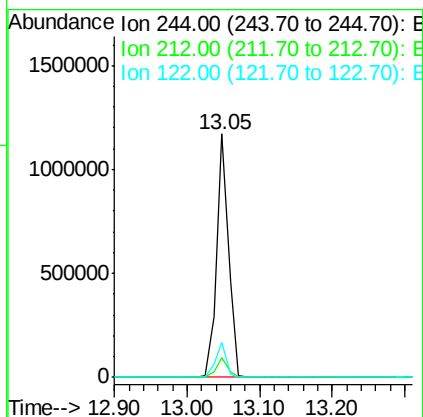
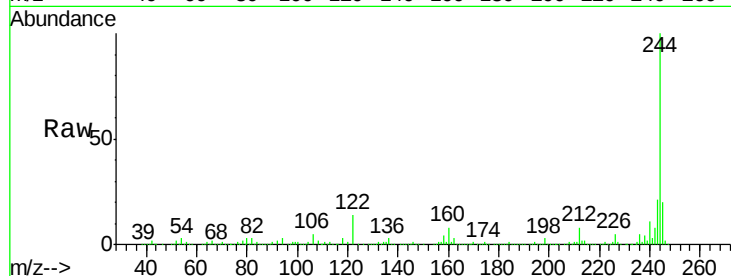




#78
 Terphenyl-d14
 Concen: 70.47 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092789.D
 Acq: 3 Feb 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001

Tgt Ion:244 Resp: 1337353
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.4 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF092789.D
 Acq: 3 Feb 2017 21:38

Tgt Ion:264 Resp: 144202
 Ion Ratio Lower Upper
 264 100
 260 26.2 19.2 28.8
 265 20.1 17.4 26.0

