

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090392.D
 Acq On : 5 Oct 2016 21:01
 Operator : UM/SJ
 Sample : H4818-05
 Misc : LOD 8PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Quant Time: Oct 06 01:54:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	230680	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	977752	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	498950	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	751767	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	682752	20.00	ng	-0.01
86) Perylene-d12	15.70	264	499024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1644316	106.38	ng	0.01
7) Phenol-d6	6.62	99	2090493	103.27	ng	0.00
23) Nitrobenzene-d5	7.56	82	1511751	75.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	476101	117.35	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2434554	81.30	ng	-0.01
78) Terphenyl-d14	13.14	244	2593472	85.40	ng	0.00

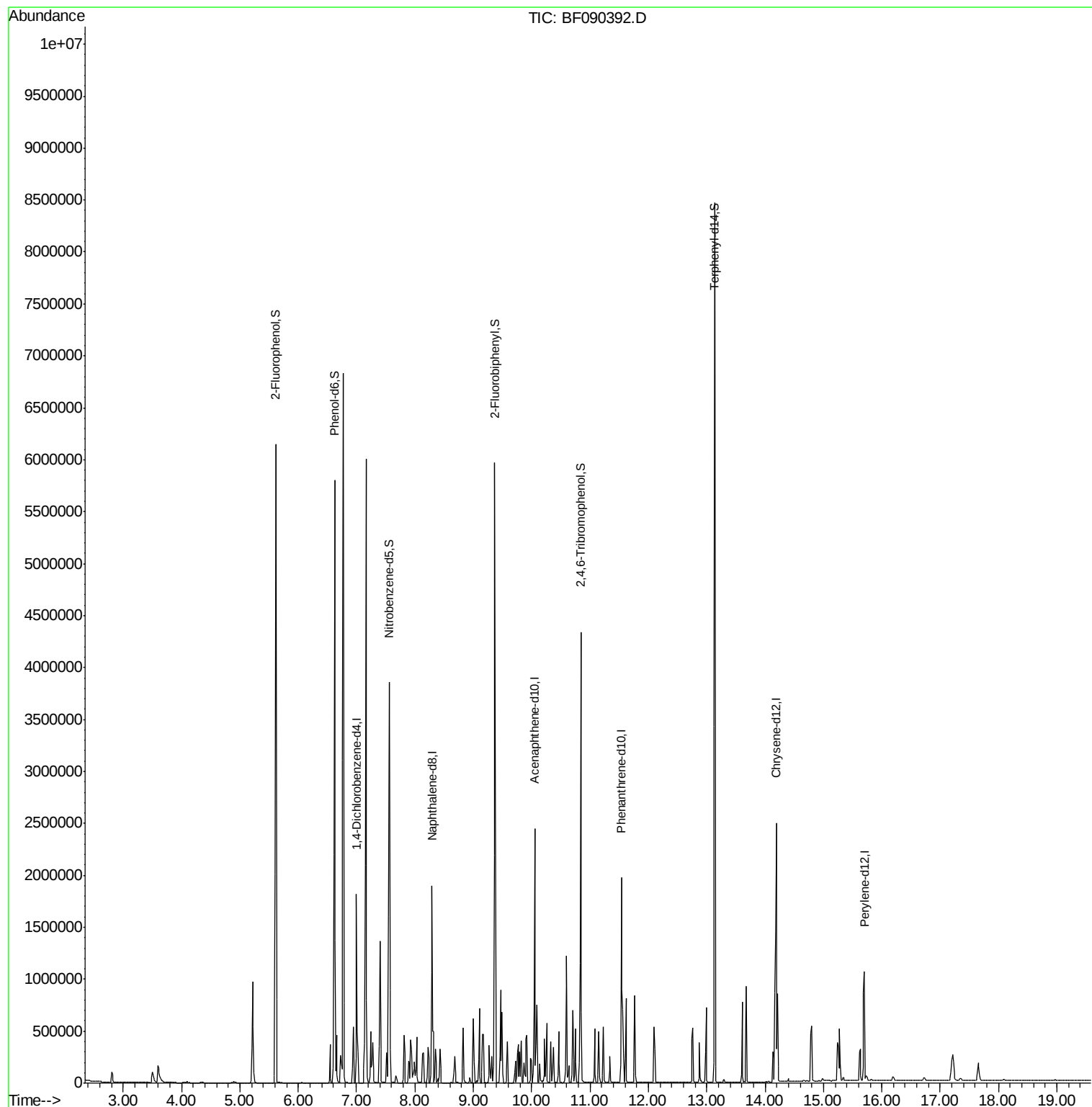
Target Compounds Qvalue

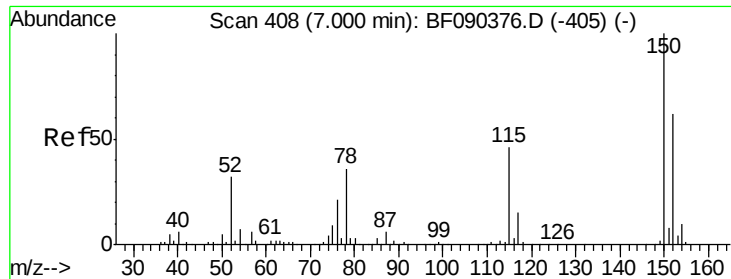
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090392.D

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ClientSampleId :

LOD-WATER2016-05-QT4

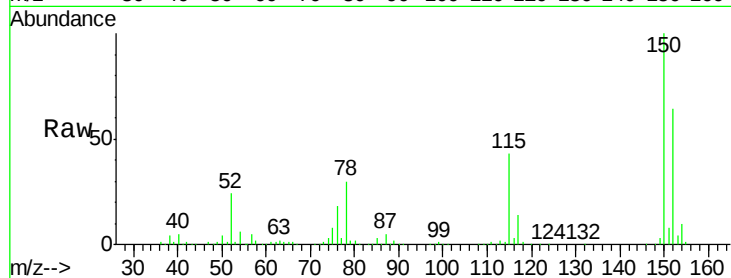
Tot Ion:152 Resp: 230680

Ion Ratio Lower Upper

152 100

150 156.0 124.6 186.8

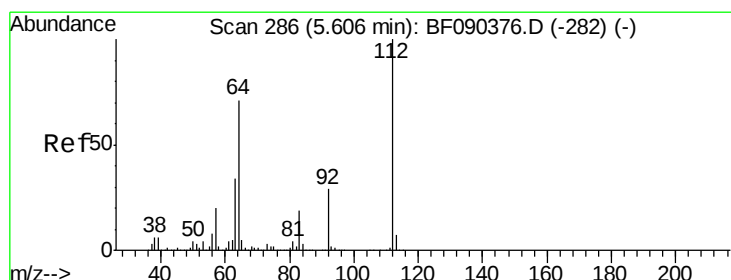
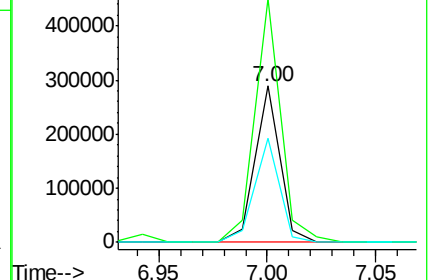
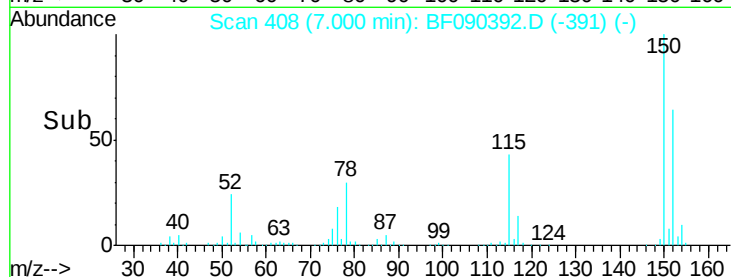
115 66.6 46.2 69.4



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: 106.38 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

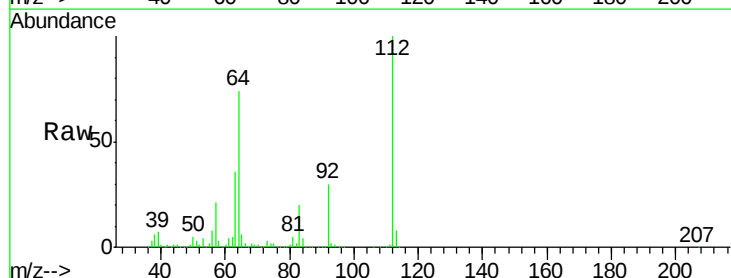
Tgt Ion:112 Resp: 1644316

Ion Ratio Lower Upper

112 100

64 74.1 57.9 86.9

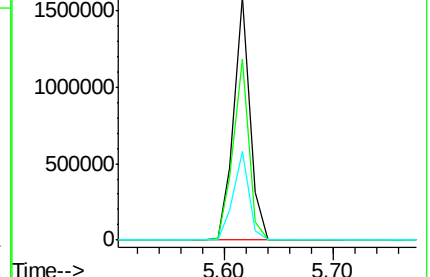
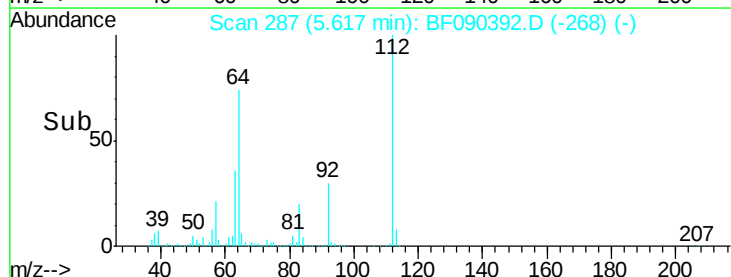
63 36.2 29.6 44.4

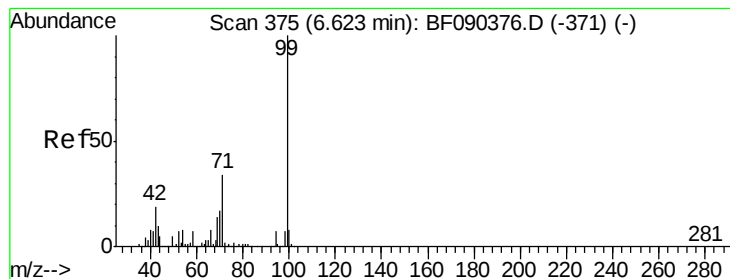


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.27 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

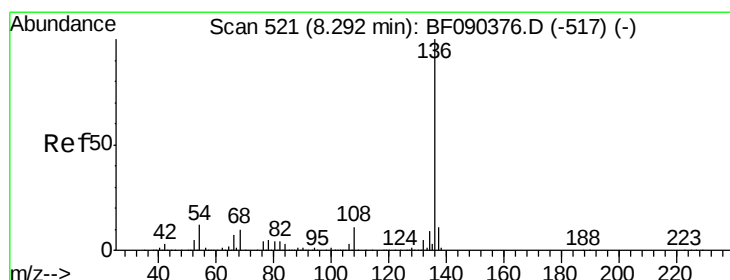
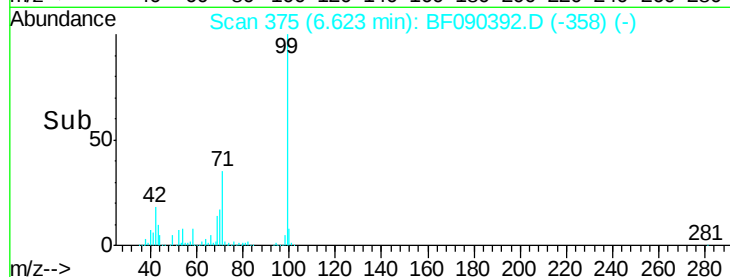
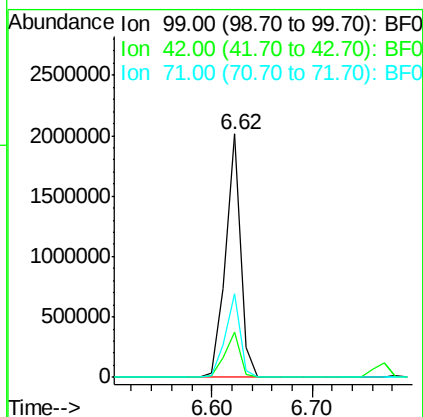
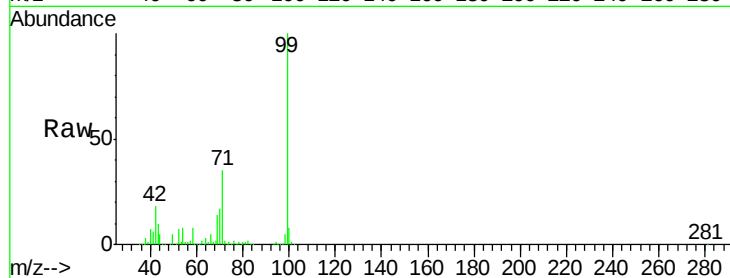
Tot Ion: 99 Resp: 2090493

Ion Ratio Lower Upper

99 100

42 18.4 20.0 30.0#

71 34.5 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Tgt Ion: 136 Resp: 977752

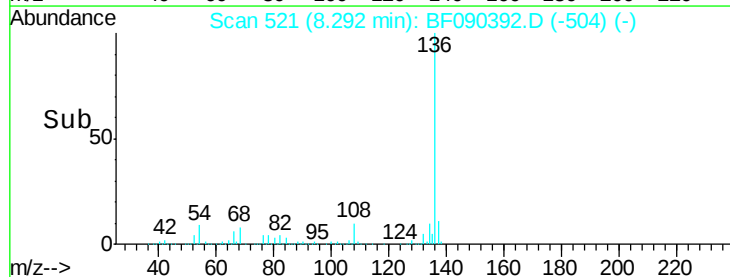
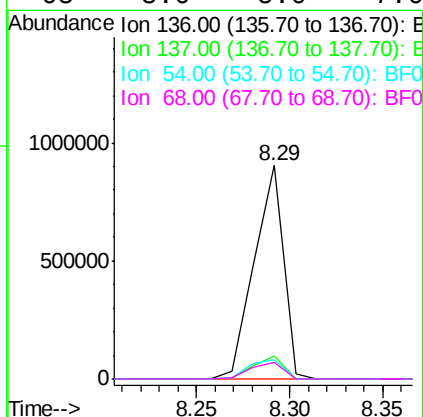
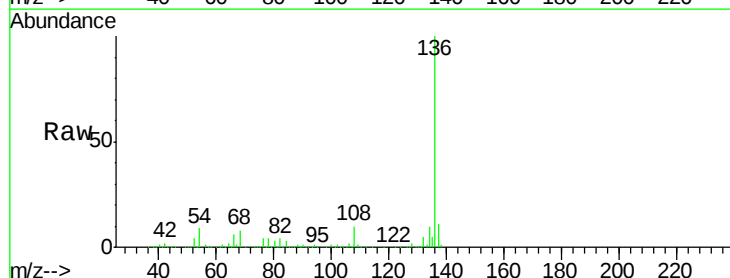
Ion Ratio Lower Upper

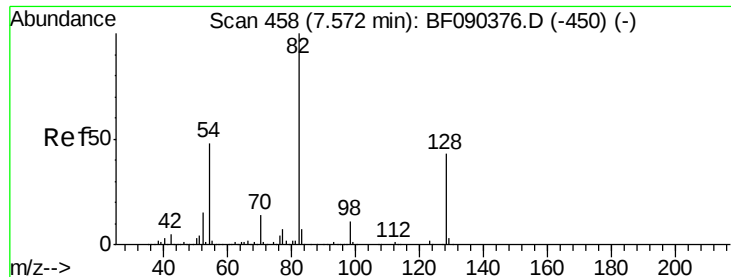
136 100

137 11.0 9.0 13.6

54 9.2 6.6 10.0

68 8.0 5.0 7.6#

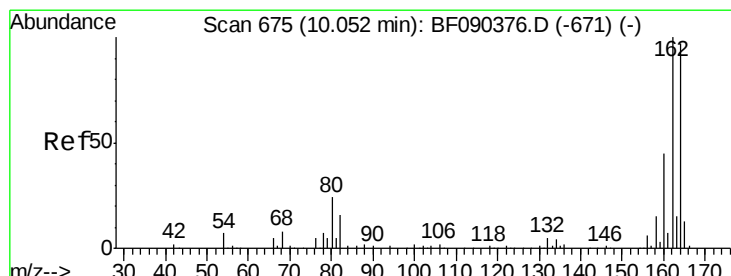
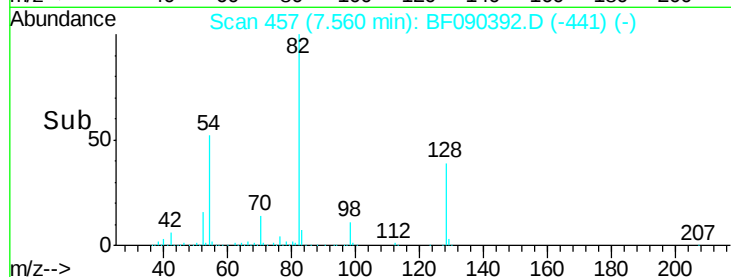
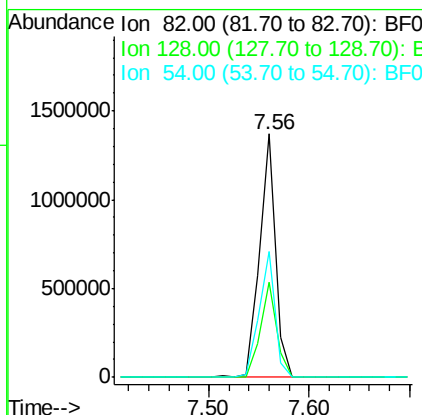
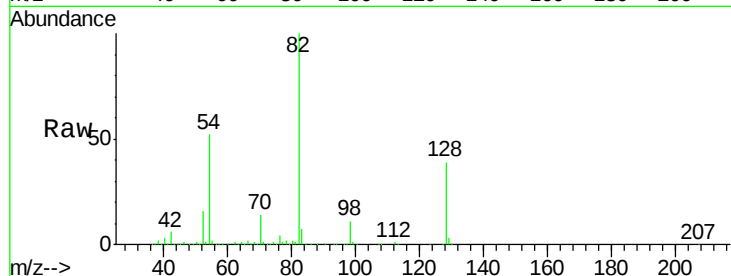




#23
 Nitrobenzene-d5
 Concen: 75.21 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

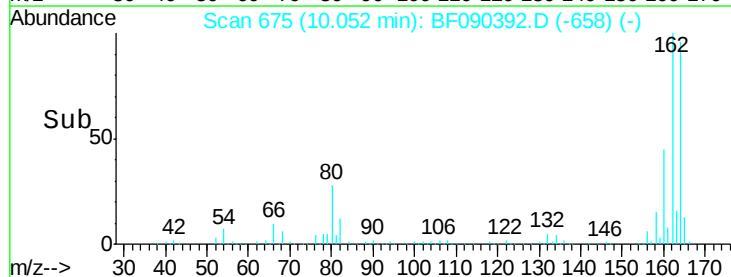
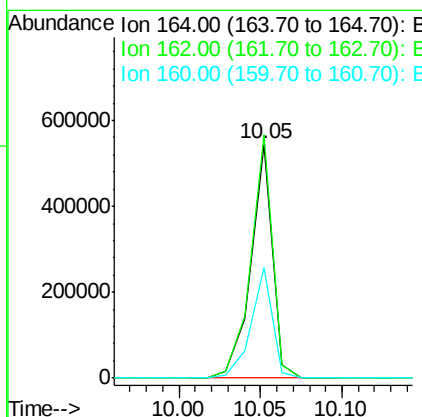
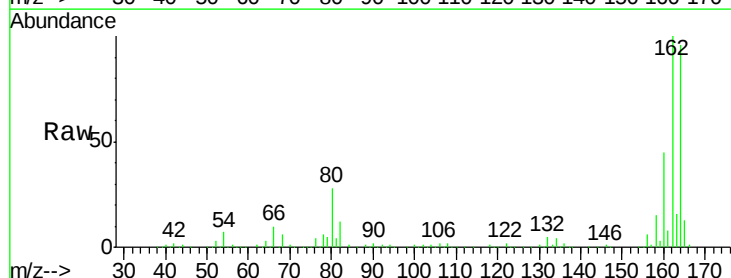
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

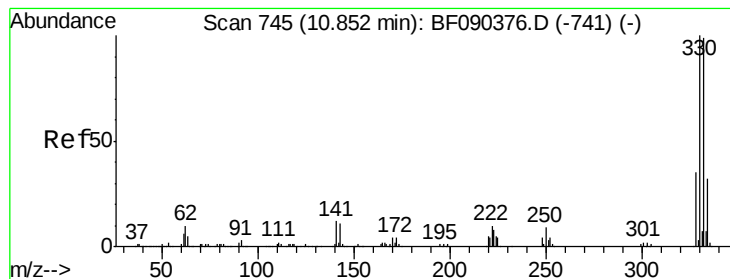
Tot Ion: 82 Resp: 1511751
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.0 60.0#
 54 51.5 42.6 64.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion:164 Resp: 498950
 Ion Ratio Lower Upper
 164 100
 162 104.2 80.1 120.1
 160 47.1 36.3 54.5





#41

2,4,6-Tribromophenol

Concen: 117.35 ng

RT: 10.84 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

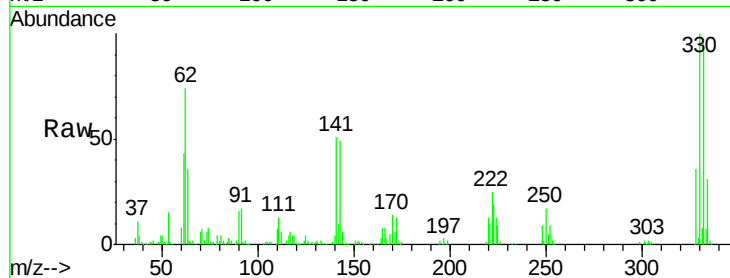
Tot Ion:330 Resp: 476101

Ion Ratio Lower Upper

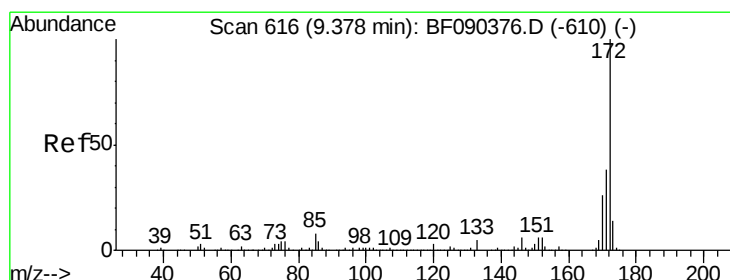
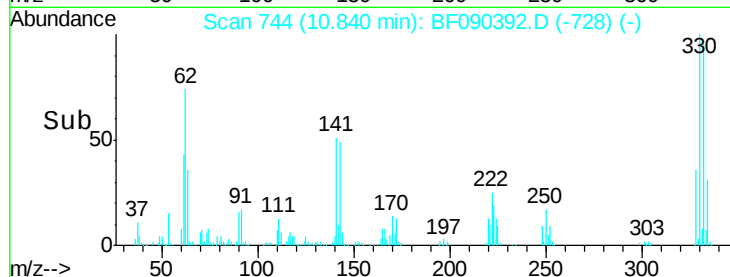
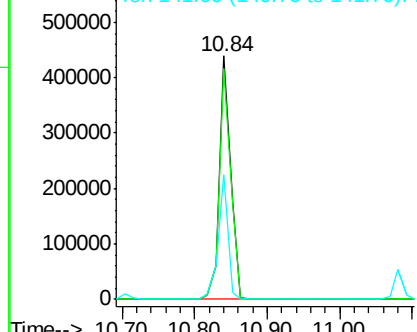
330 100

332 95.9 75.4 113.0

141 44.9 26.9 40.3#



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: 81.30 ng

RT: 9.37 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

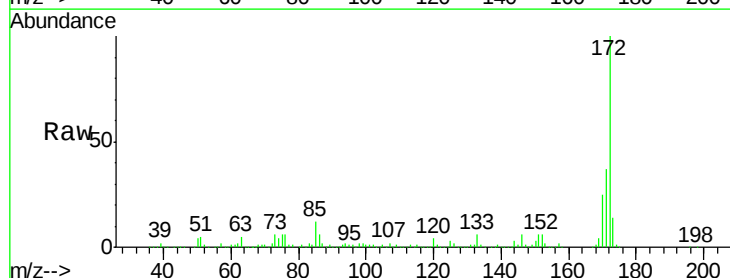
Tgt Ion:172 Resp: 2434554

Ion Ratio Lower Upper

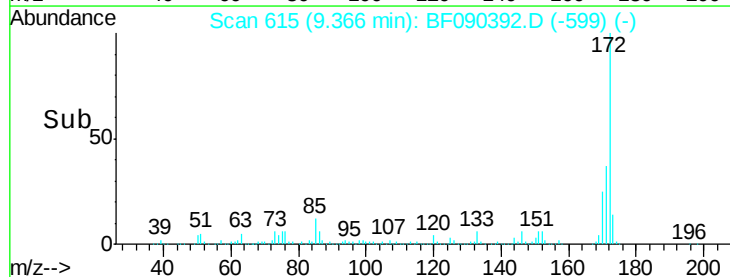
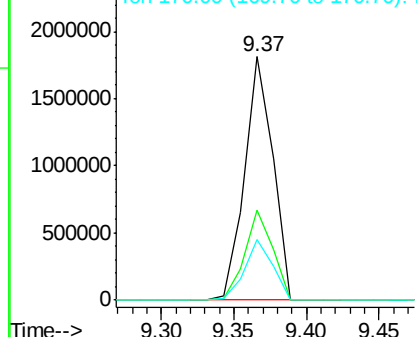
172 100

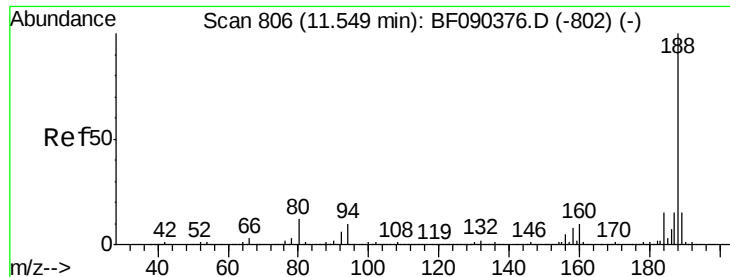
171 36.8 31.8 47.8

170 24.7 21.7 32.5



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

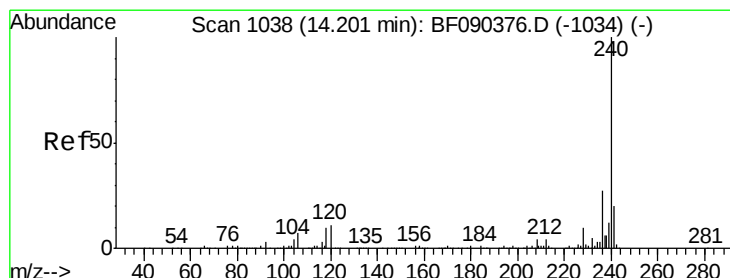
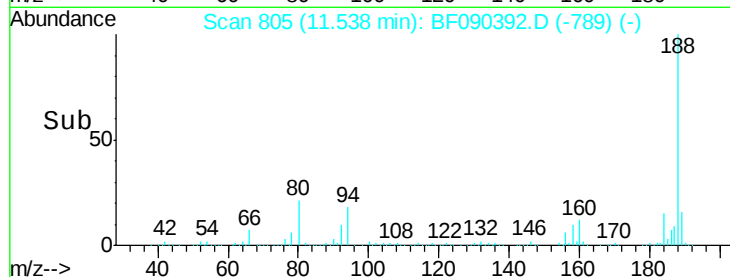
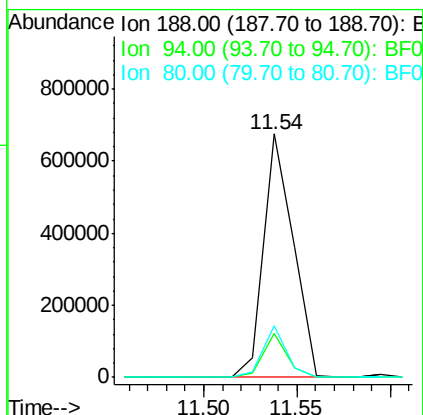
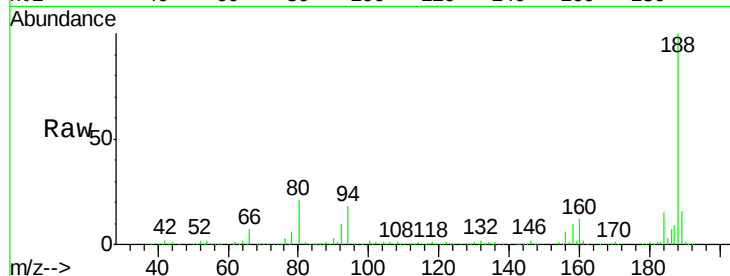




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

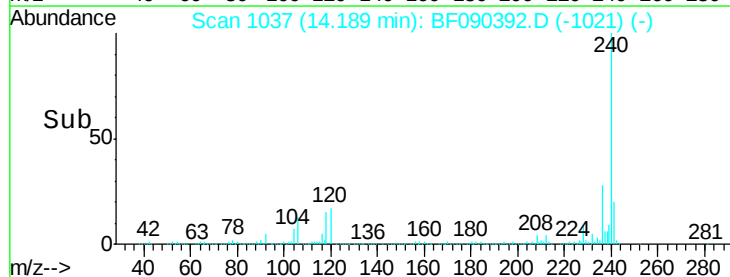
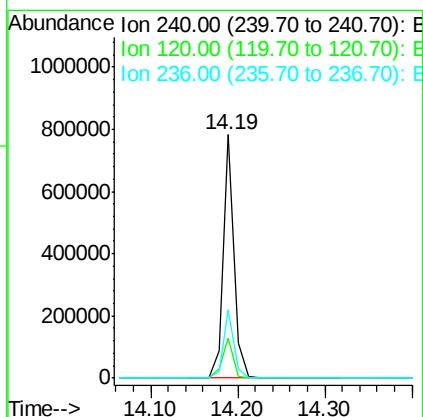
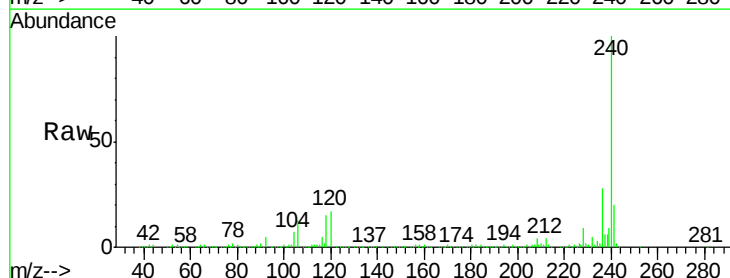
Instrument :
BNA_F
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LOD-WATER2016-05-QT4

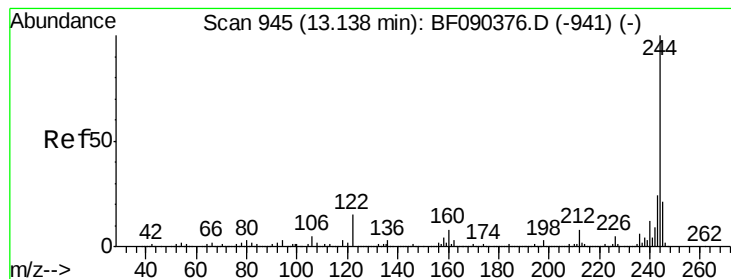
Tot Ion:188 Resp: 751767
Ion Ratio Lower Upper
188 100
94 17.8 8.2 12.2#
80 21.2 8.8 13.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion:240 Resp: 682752
Ion Ratio Lower Upper
240 100
120 16.6 8.6 13.0#
236 27.8 21.6 32.4





#78

Terphenyl-d14

Concen: 85.40 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

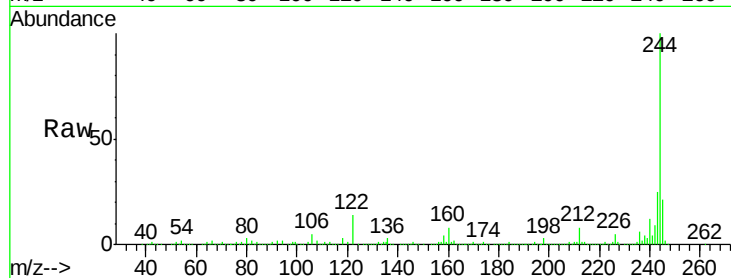
Tot Ion:244 Resp: 2593472

Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

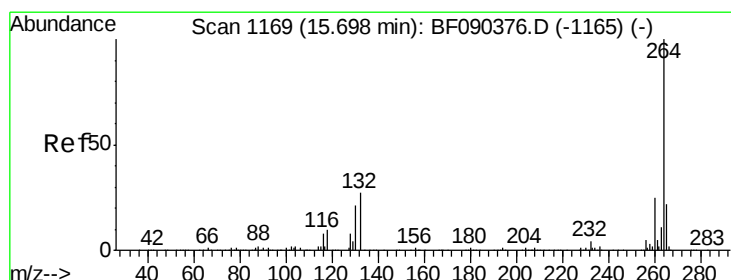
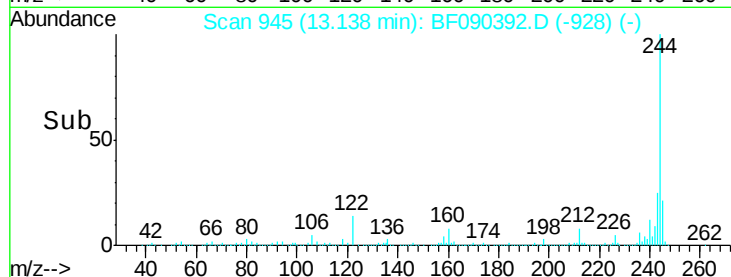
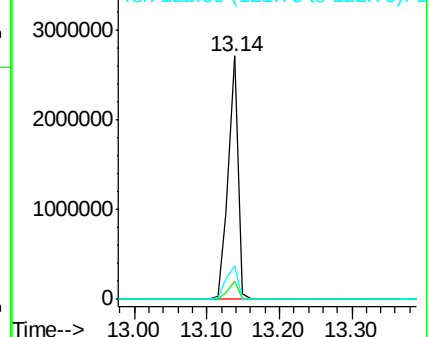
122 13.9 13.3 19.9



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: 15.70 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

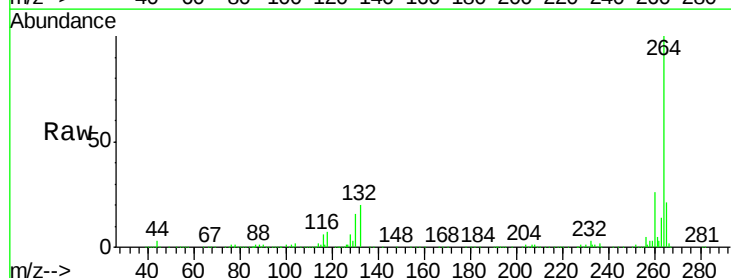
Tgt Ion:264 Resp: 499024

Ion Ratio Lower Upper

264 100

260 25.6 19.3 28.9

265 21.3 17.4 26.0



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

