

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089141.D
 Acq On : 20 Jul 2016 19:53
 Operator : UM/SJ
 Sample : H3606-05
 Misc : LOD 2PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jul 21 13:02:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

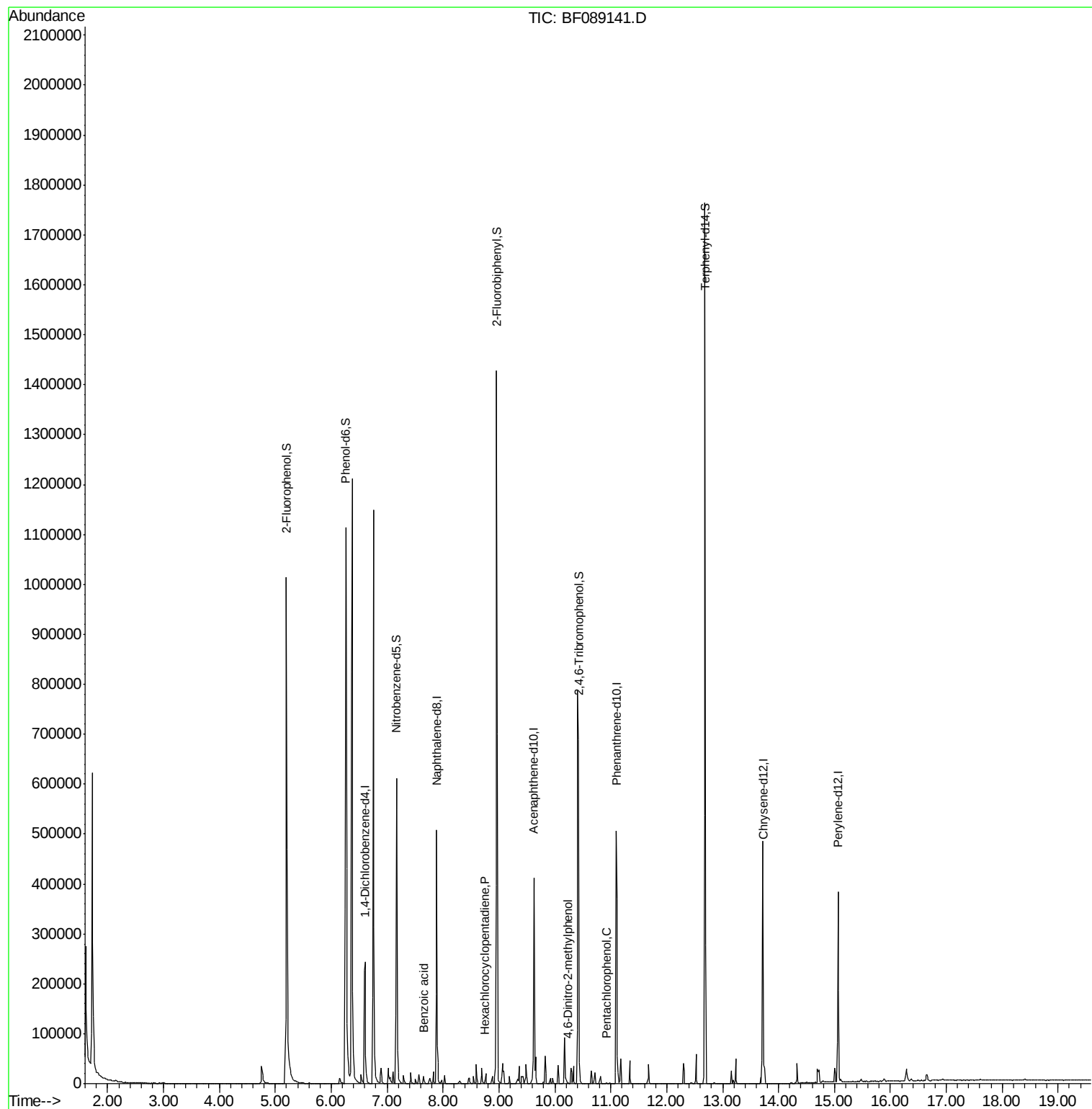
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	60122	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	267027	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	125929	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	250031	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	203806	20.00	ng	0.00
86) Perylene-d12	15.06	264	161655	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	412078	104.24	ng	0.01
7) Phenol-d6	6.26	99	536210	105.18	ng	-0.01
23) Nitrobenzene-d5	7.16	82	337967	67.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	131317	115.82	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	605763	66.28	ng	-0.01
78) Terphenyl-d14	12.69	244	551338	58.68	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.66	122	473m	0.15	ng	
40) Hexachlorocyclopentadiene	8.75	237	219m	8.58	ng	
64) 4,6-Dinitro-2-methylphenol	10.24	198	512	0.35	ng	75
69) Pentachlorophenol	10.92	266	367	0.30	ng	91

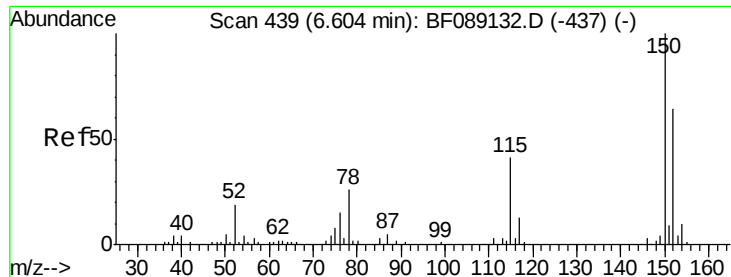
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

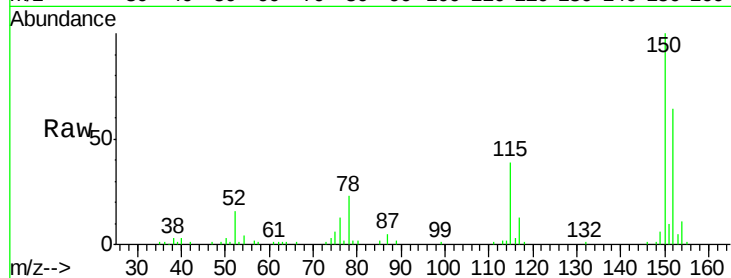
Tgt Ion:152 Resp: 60122

Ion Ratio Lower Upper

152 100

150 155.3 125.1 187.7

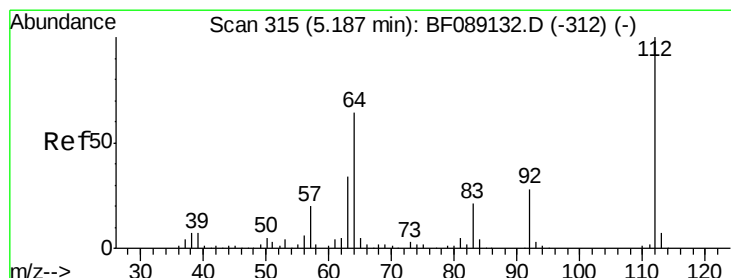
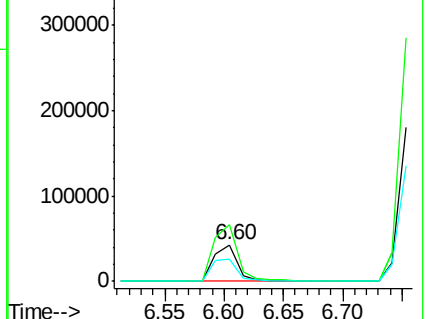
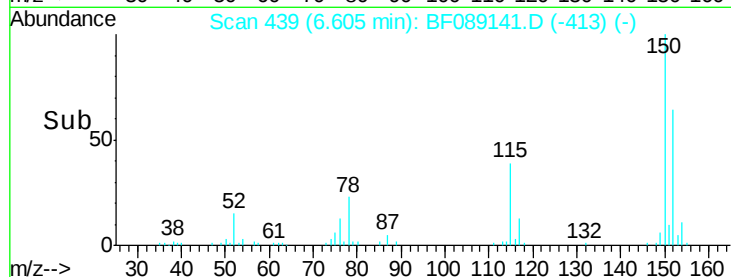
115 60.2 51.1 76.7



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: 104.24 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

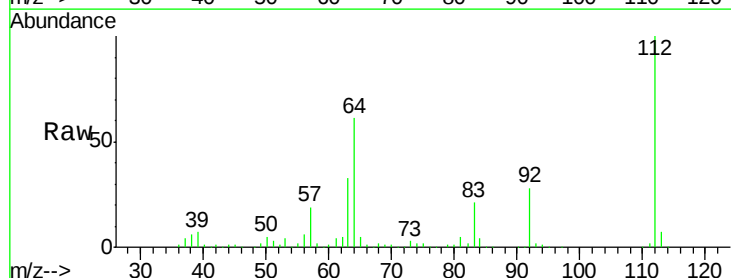
Tgt Ion:112 Resp: 412078

Ion Ratio Lower Upper

112 100

64 60.5 51.0 76.4

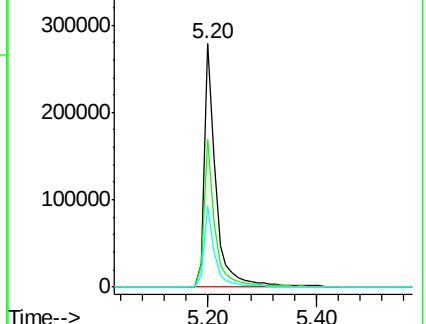
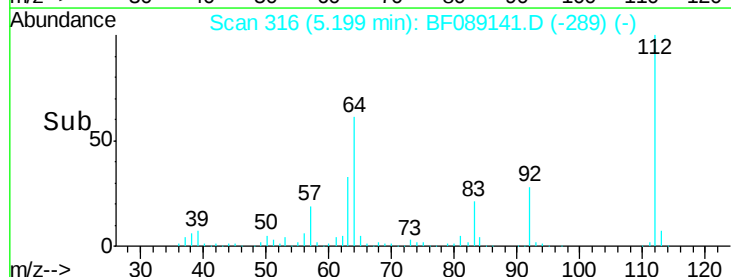
63 33.2 27.3 40.9

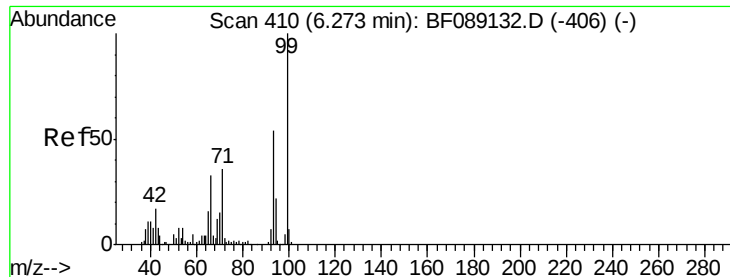


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.18 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

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ClientSampleId :

LOD-WATER2016-01

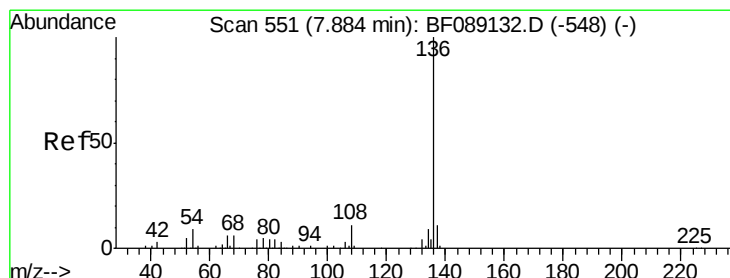
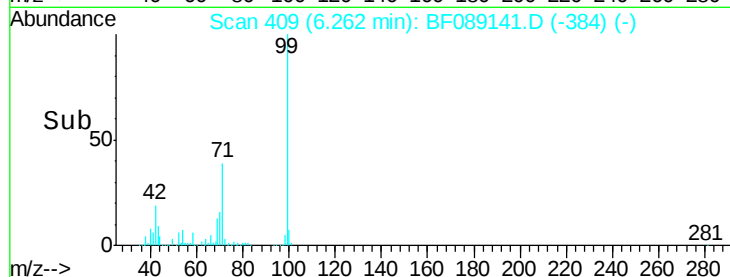
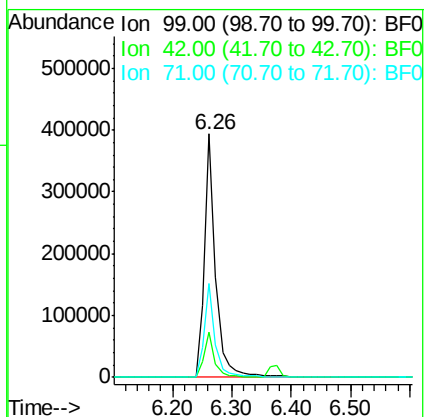
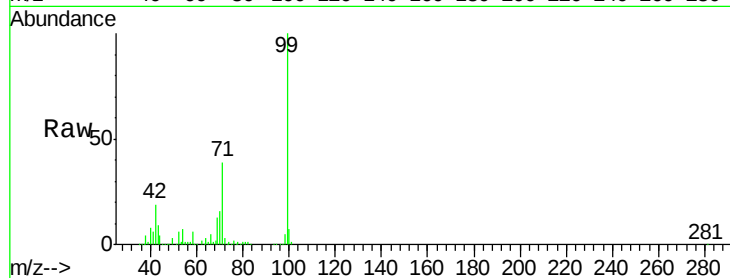
Tgt Ion: 99 Resp: 536210

Ion Ratio Lower Upper

99 100

42 18.6 13.5 20.3

71 38.7 28.9 43.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Tgt Ion: 136 Resp: 267027

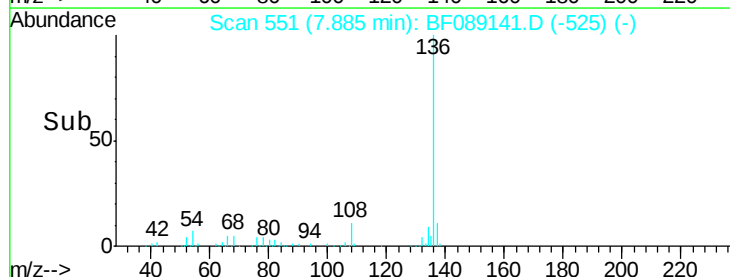
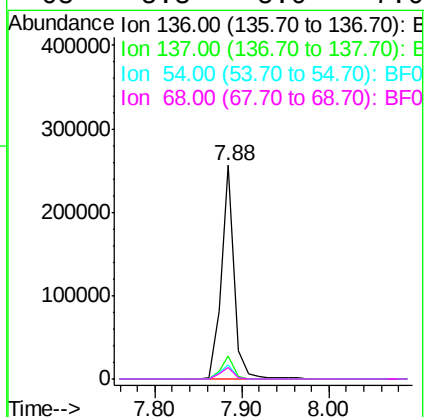
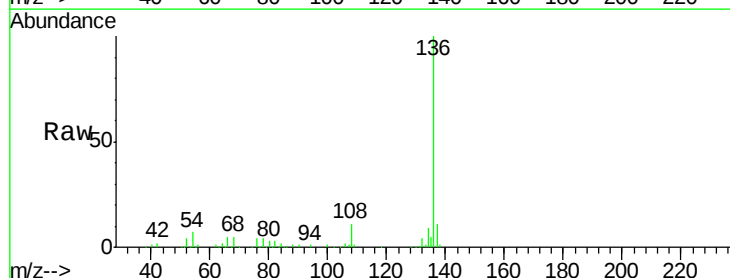
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.6 7.0 10.4#

68 5.3 5.0 7.6

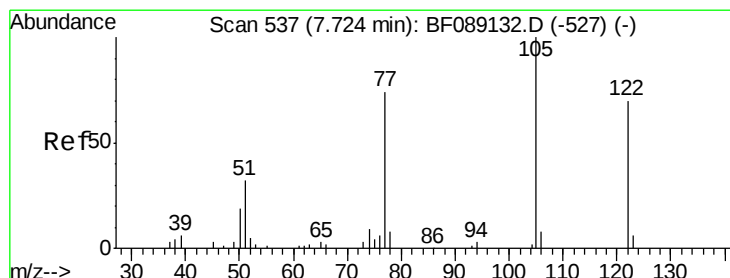
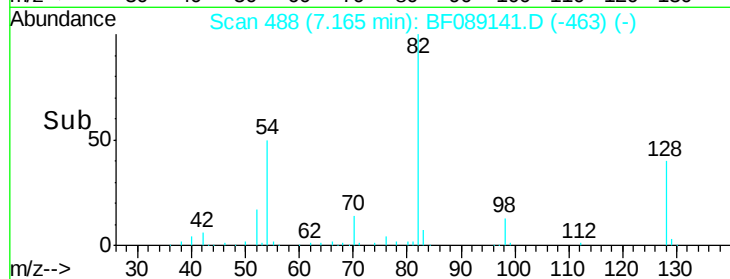
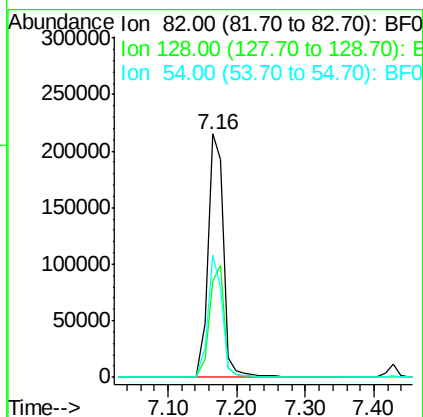
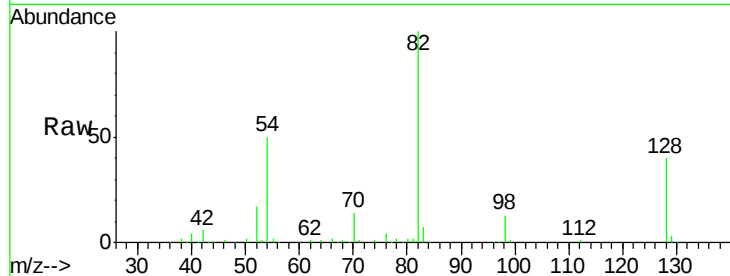




#23
 Nitrobenzene-d5
 Concen: 67.25 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

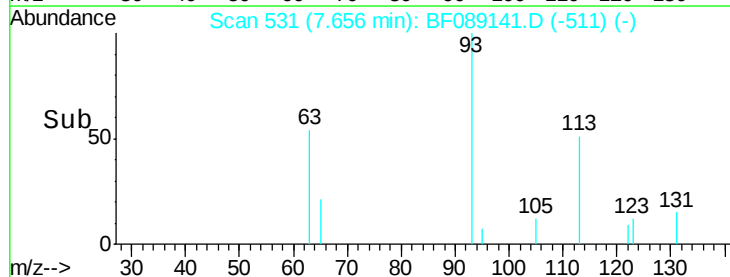
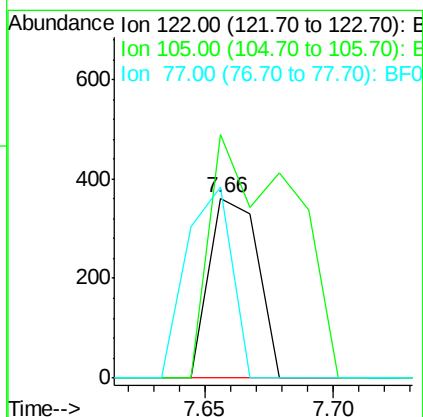
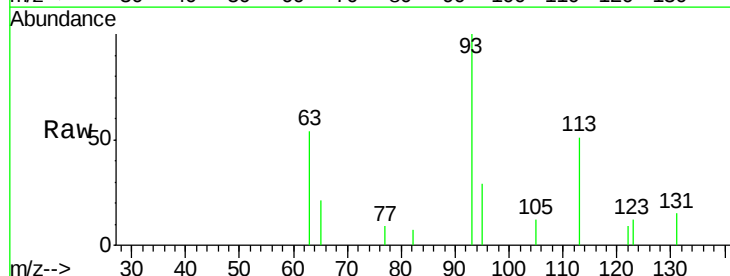
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

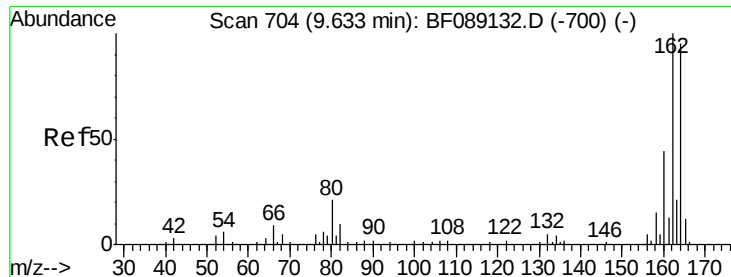
Tgt Ion: 82 Resp: 337967
 Ion Ratio Lower Upper
 82 100
 128 39.8 33.0 49.6
 54 50.0 39.0 58.4



#32
 Benzoic acid
 Concen: 0.15 ng m
 RT: 7.66 min Scan# 531
 Delta R.T. -0.07 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion: 122 Resp: 473
 Ion Ratio Lower Upper
 122 100
 105 135.5 119.0 159.0
 77 106.6 84.7 124.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

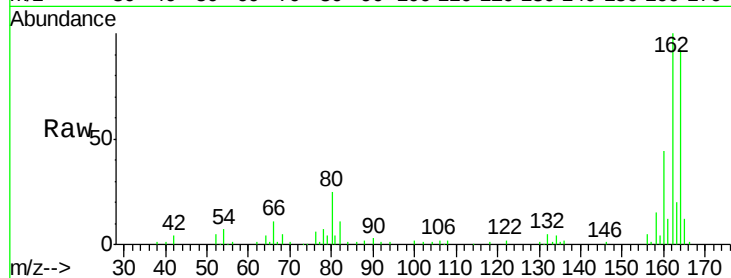
Tgt Ion:164 Resp: 125929

Ion Ratio Lower Upper

164 100

162 108.6 84.1 126.1

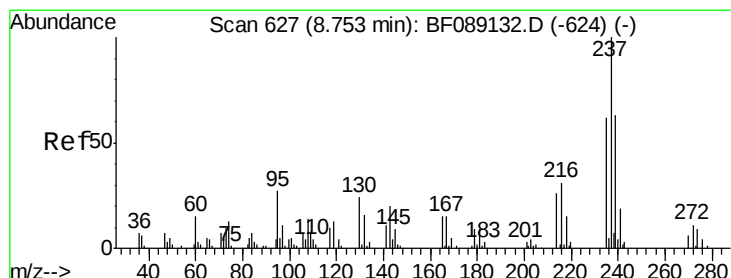
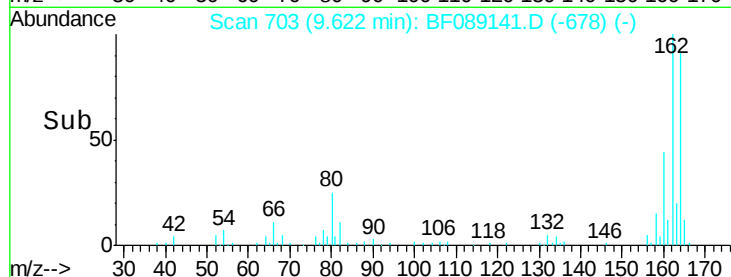
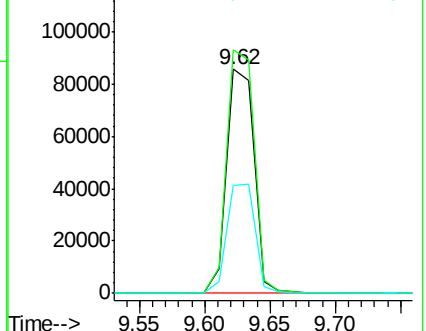
160 47.9 37.1 55.7



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



#40

Hexachlorocyclopentadiene

Concen: 8.58 ng m

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

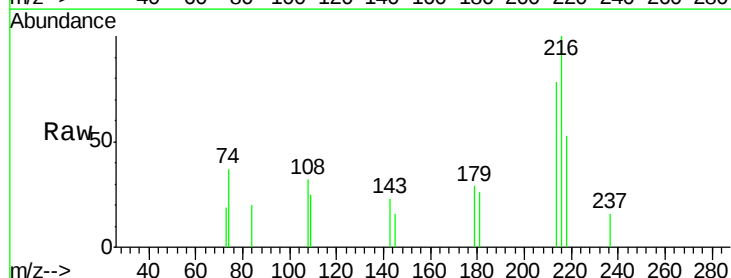
Tgt Ion:237 Resp: 219

Ion Ratio Lower Upper

237 100

235 0.0 42.1 82.1#

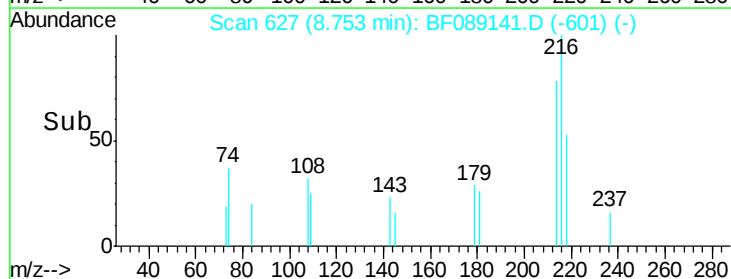
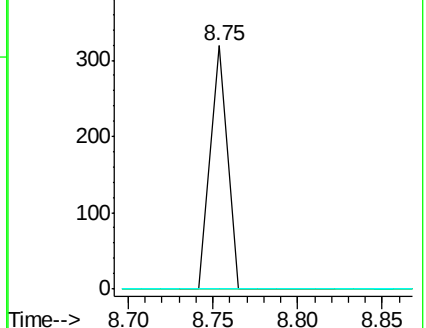
272 0.0 0.0 31.4

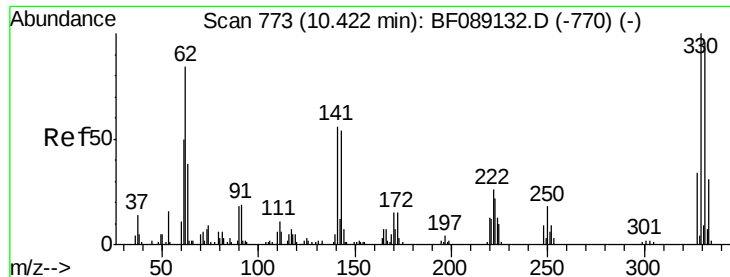


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

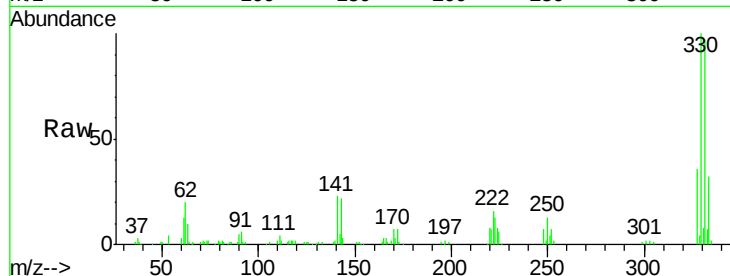




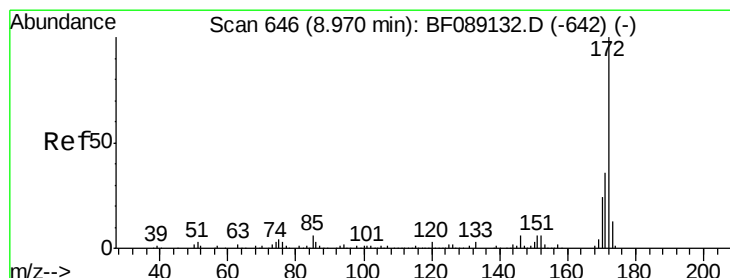
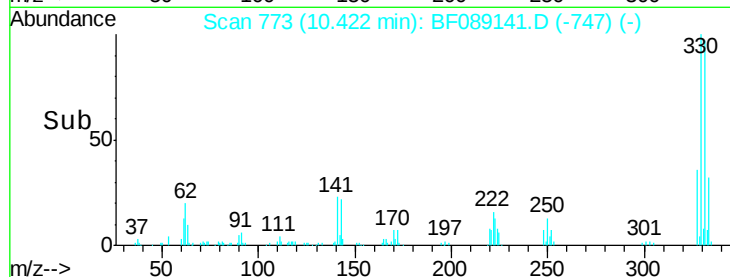
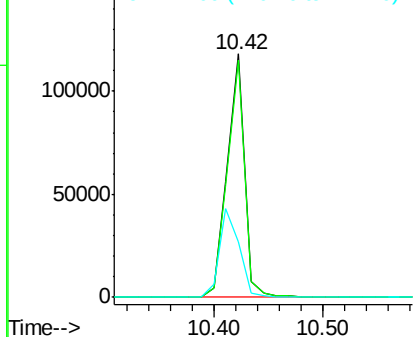
#41
 2,4,6-Tribromophenol
 Concen: 115.82 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:330 Resp: 131317
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.2 115.8
 141 41.9 42.2 63.2#

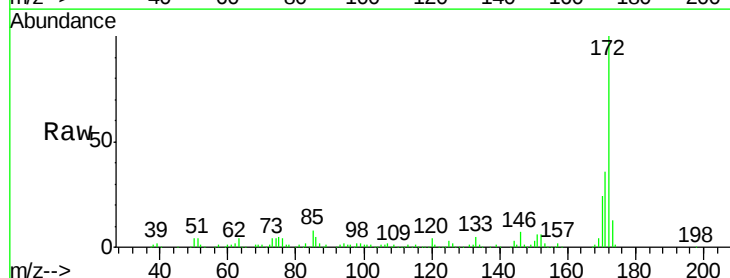


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

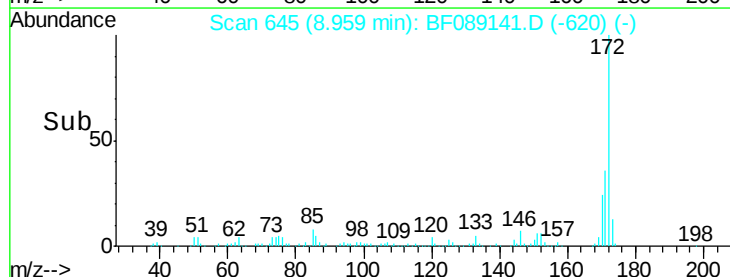
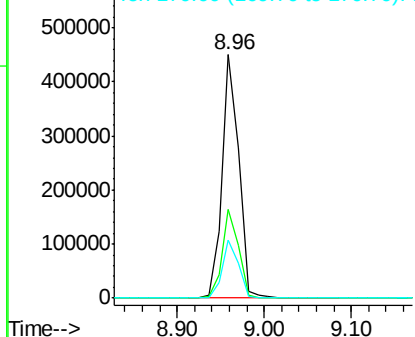


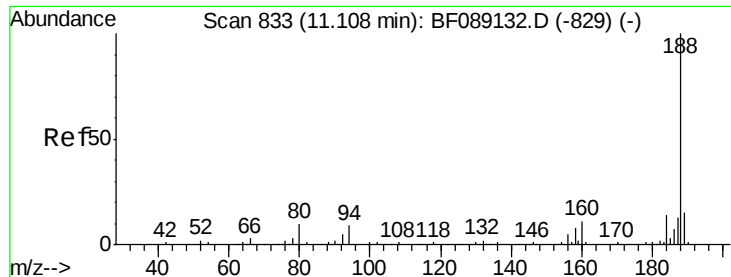
#44
 2-Fluorobiphenyl
 Concen: 66.28 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion:172 Resp: 605763
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.7 19.1 28.7



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

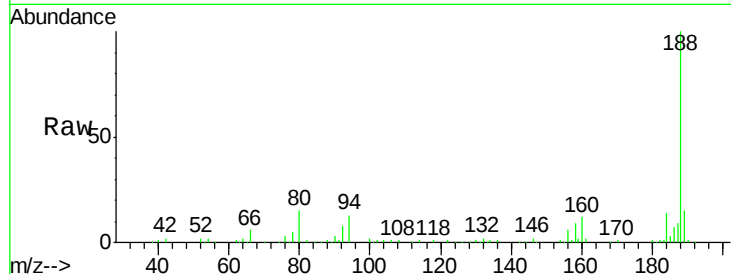




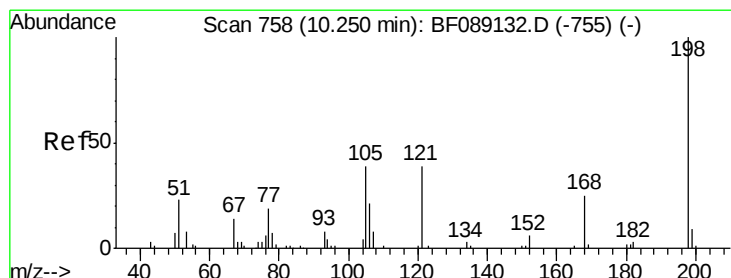
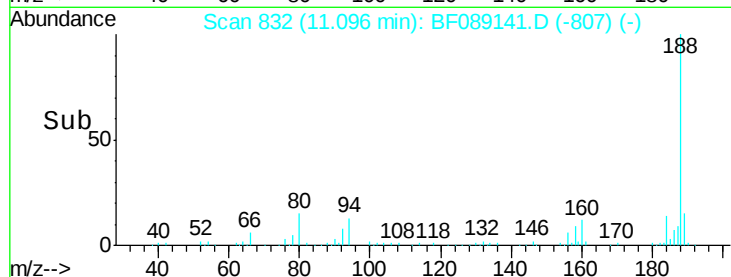
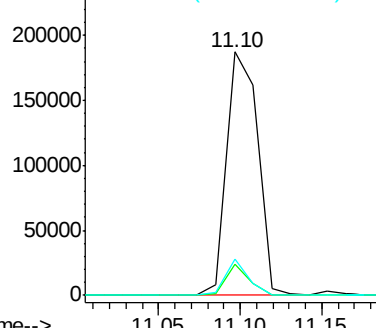
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:188 Resp: 250031
Ion Ratio Lower Upper
188 100
94 12.9 7.0 10.4#
80 15.1 7.7 11.5#

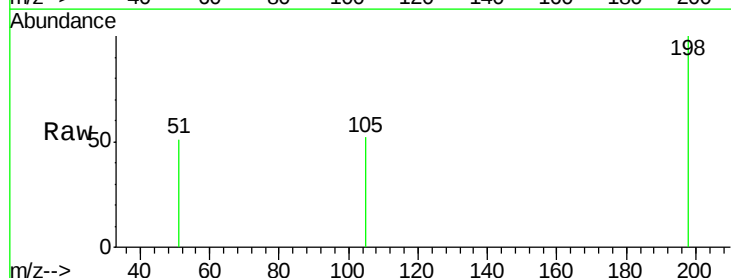


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

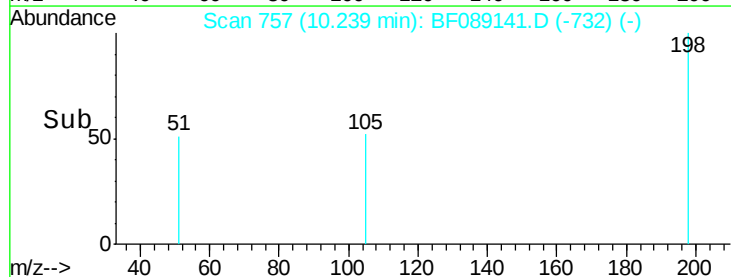
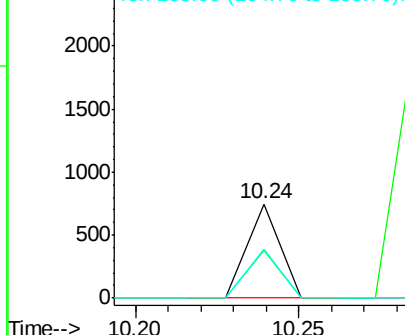


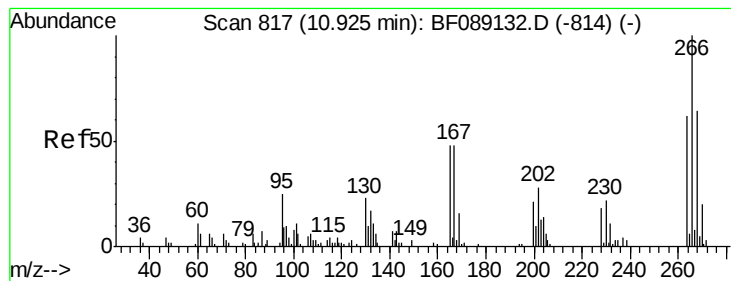
#64
4,6-Dinitro-2-methylphenol
Concen: 0.35 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion:198 Resp: 512
Ion Ratio Lower Upper
198 100
51 50.7 11.7 51.7
105 51.6 20.3 60.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

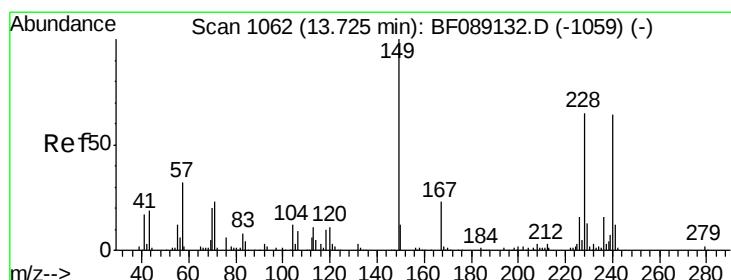
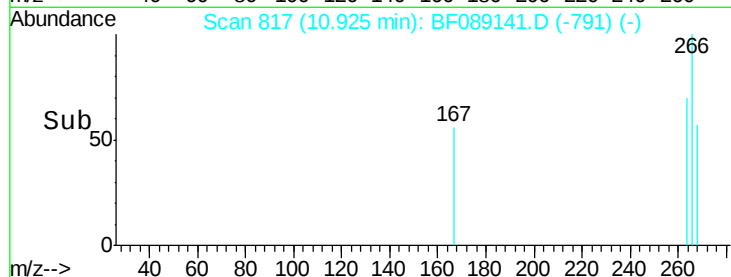
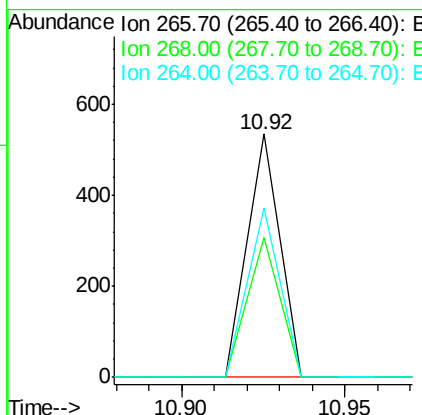
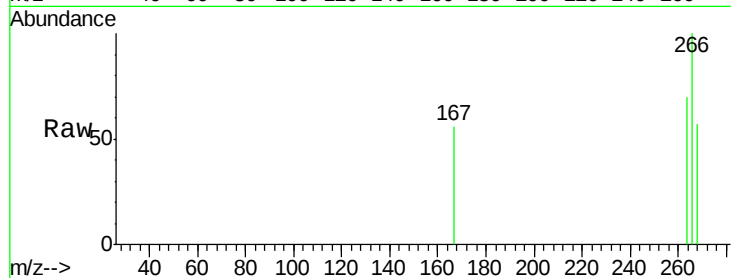




#69
 Pentachlorophenol
 Concen: 0.30 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

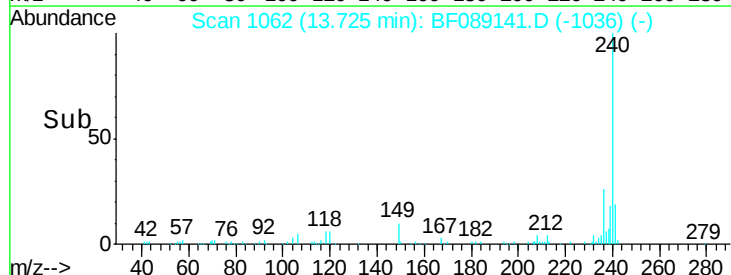
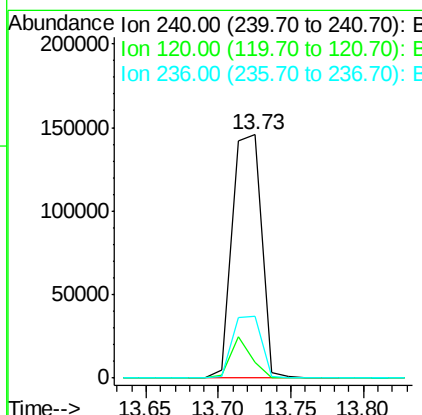
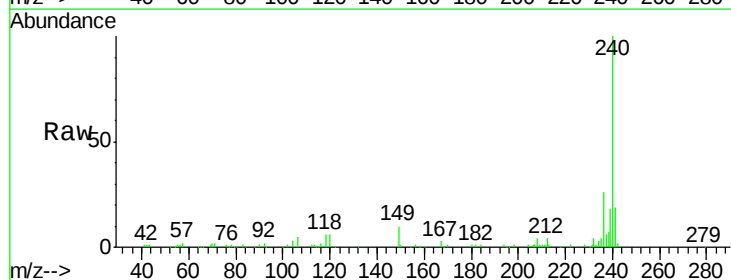
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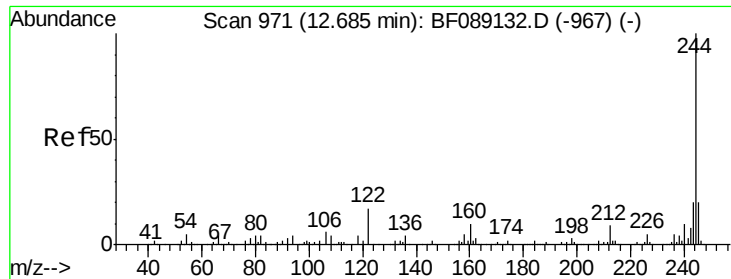
Tgt Ion: 266 Resp: 367
 Ion Ratio Lower Upper
 266 100
 268 57.4 51.2 76.8
 264 69.7 49.7 74.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion: 240 Resp: 203806
 Ion Ratio Lower Upper
 240 100
 120 6.4 13.6 20.4#
 236 25.6 20.5 30.7

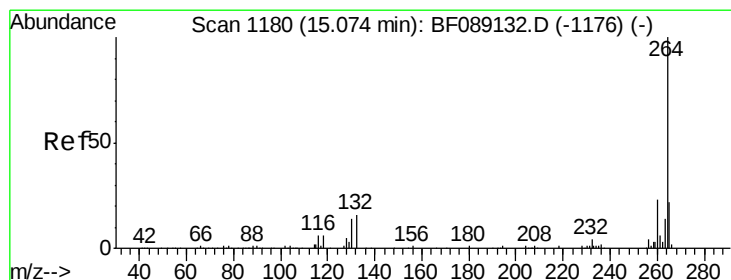
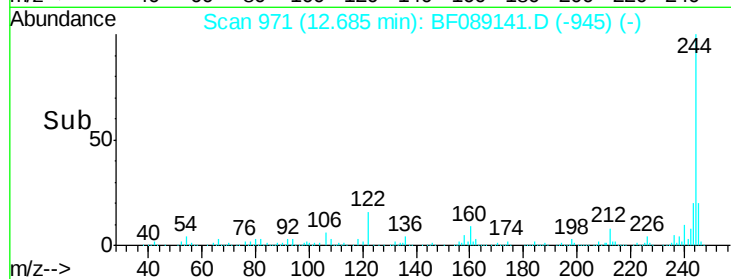
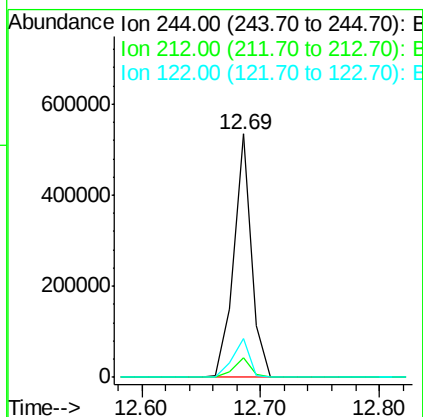
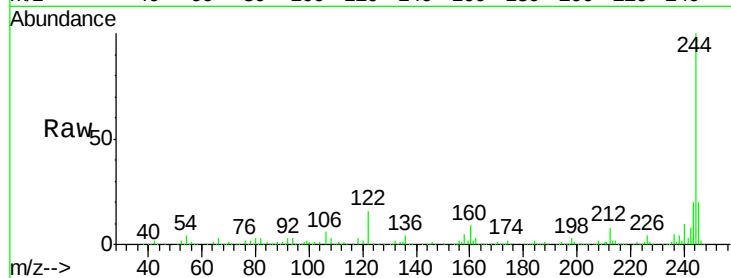




#78
 Terphenyl-d14
 Concen: 58.68 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	15.8	13.8	20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.3	17.3	25.9

