

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084200.D
 Acq On : 31 Dec 2015 17:44
 Operator : UM/SJ
 Sample : G4825-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

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Quant Time: Jan 02 03:53:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	307105	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1236187	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	578442	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1123469	20.00	ng	0.00
75) Chrysene-d12	14.05	240	776814	20.00	ng	-0.01
86) Perylene-d12	15.49	264	582918	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1922251	101.24	ng	0.01
7) Phenol-d6	6.53	99	2730960	114.53	ng	0.00
23) Nitrobenzene-d5	7.46	82	1555155	70.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	621452	106.42	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2584385	78.08	ng	0.00
78) Terphenyl-d14	13.01	244	2479747	71.26	ng	0.00
Target Compounds						
32) Benzoic acid	7.87	122	2561m	6.42	ng	Qvalue

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

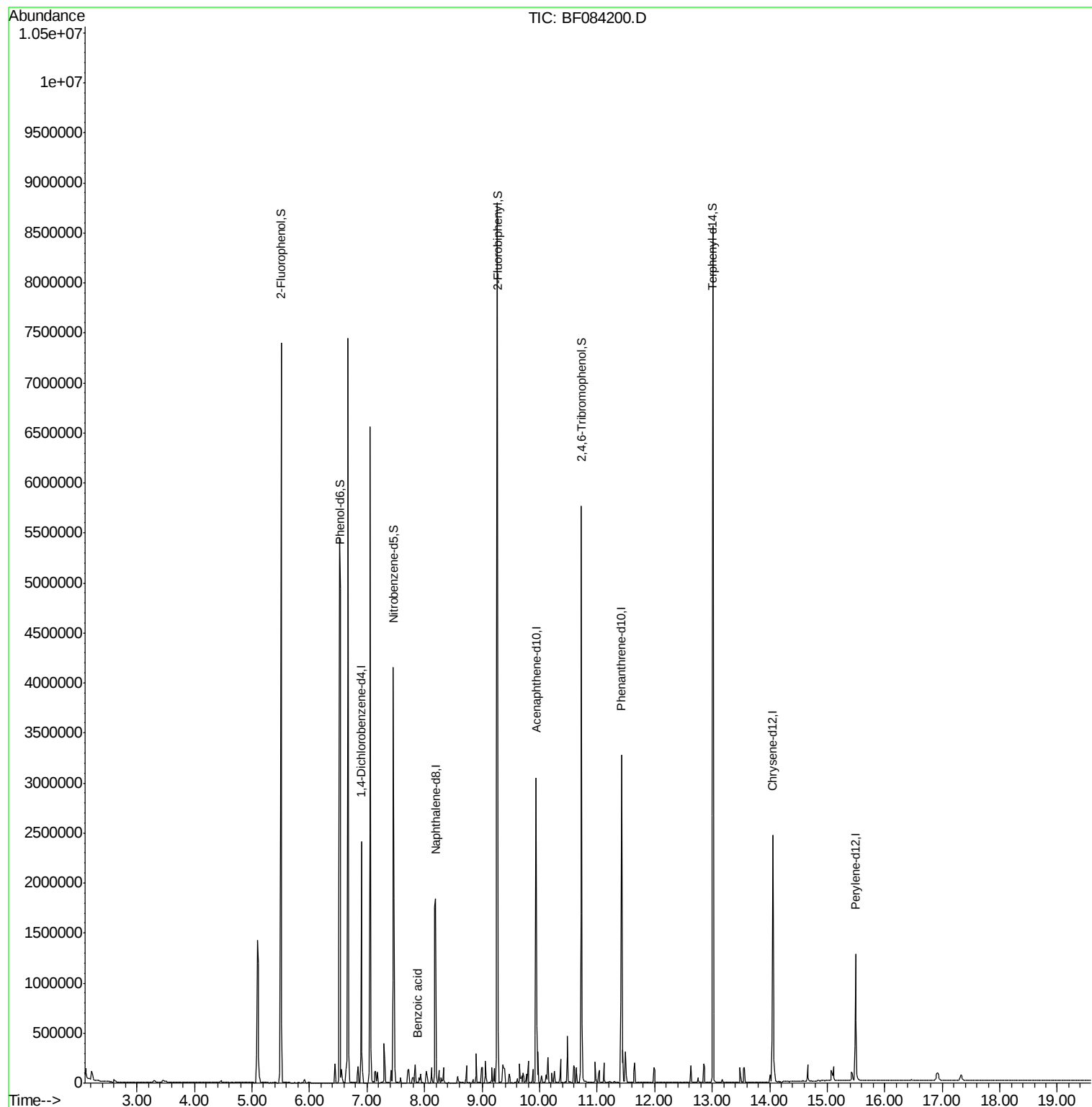
Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084200.D
Acq On : 31 Dec 2015 17:44
Operator : UM/SJ
Sample : G4825-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

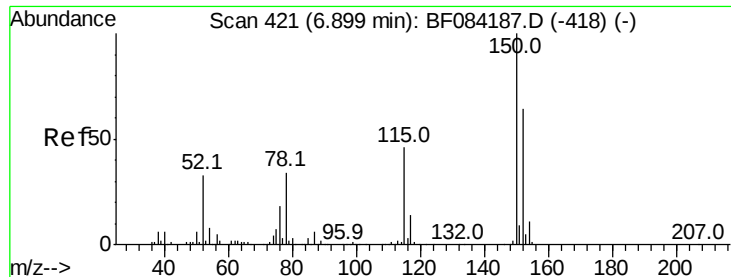
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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#1

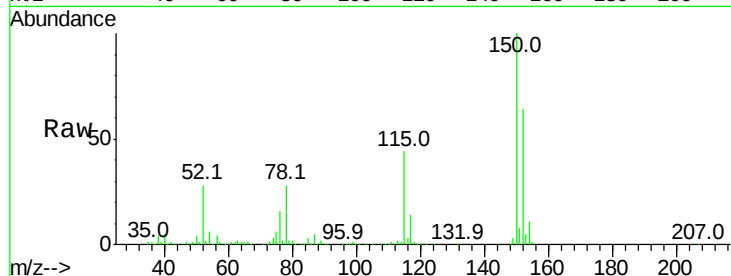
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084200.D
Acq: 31 Dec 2015 17:44

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion	Ratio	Resp	Lower	Upper
152	100	307105		
150	157.0	123.0	184.4	
115	68.3	51.4	77.2	

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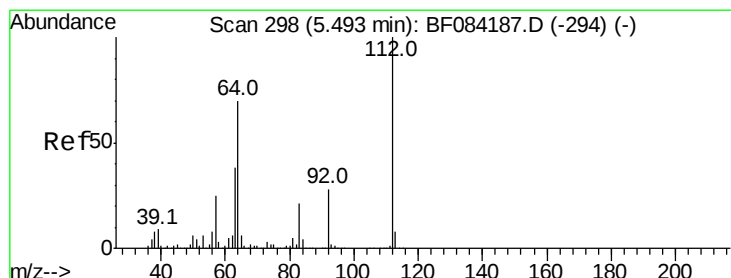
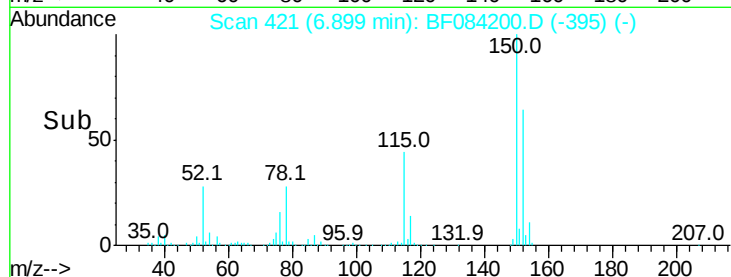
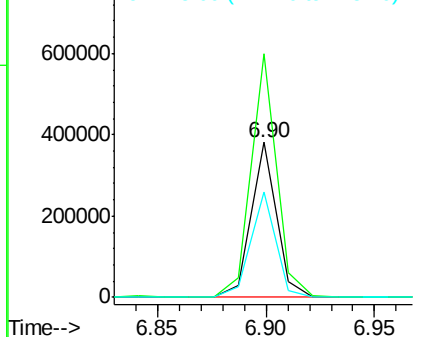


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

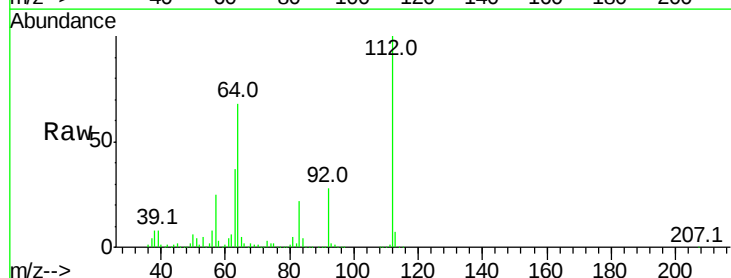
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.24 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084200.D
Acq: 31 Dec 2015 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1922251		
64	68.0	36.6	55.0#	
63	37.4	19.4	29.0#	

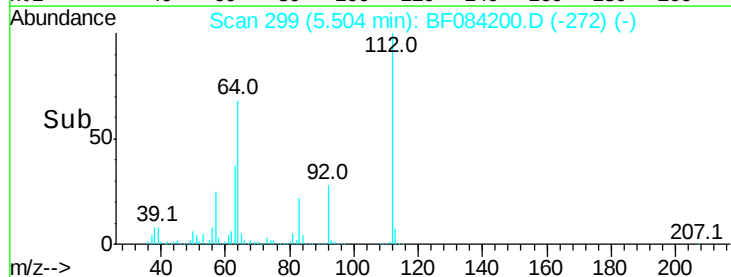
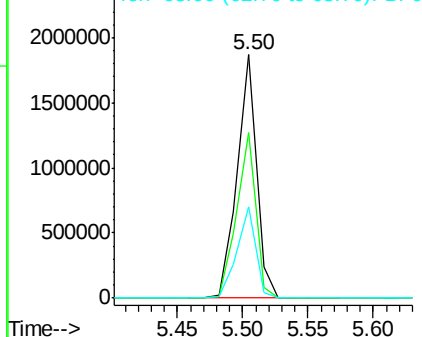


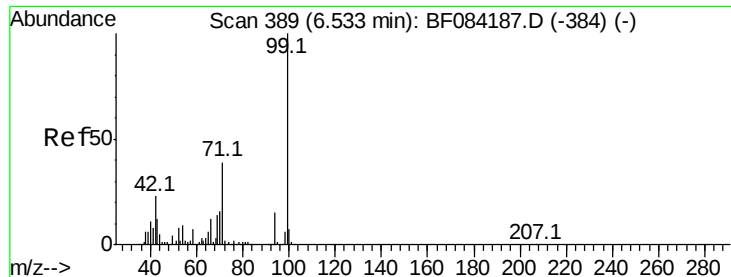
Abundance

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: 114.53 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion: 99 Resp: 2730960

Ion Ratio Lower Upper

99 100

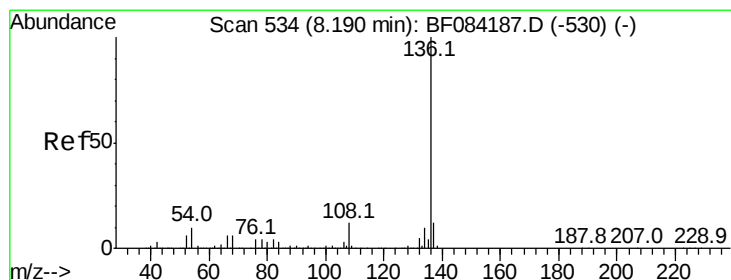
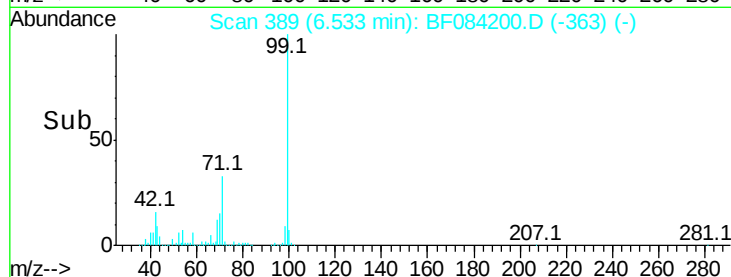
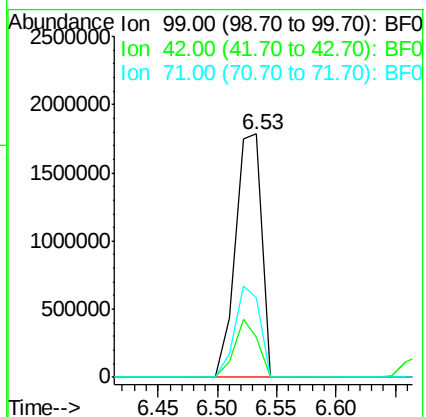
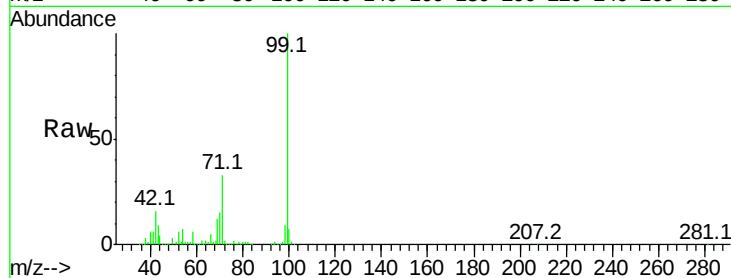
42 16.4 12.8 19.2

71 32.8 30.9 46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

Tgt Ion: 136 Resp: 1236187

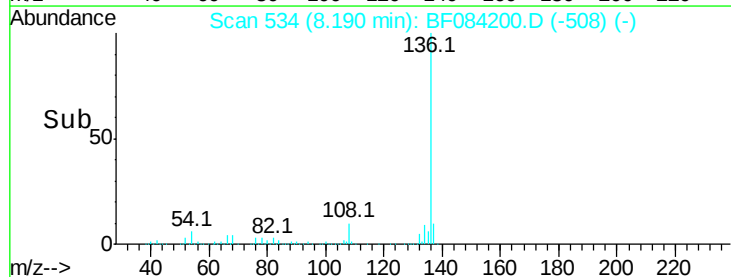
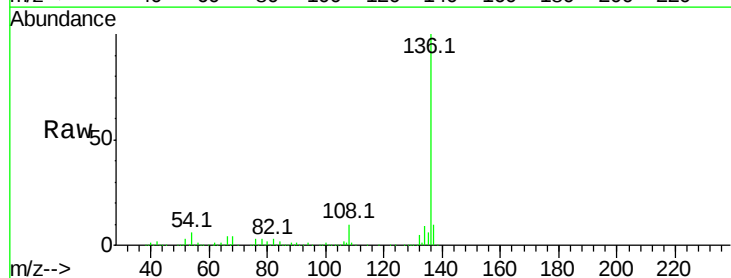
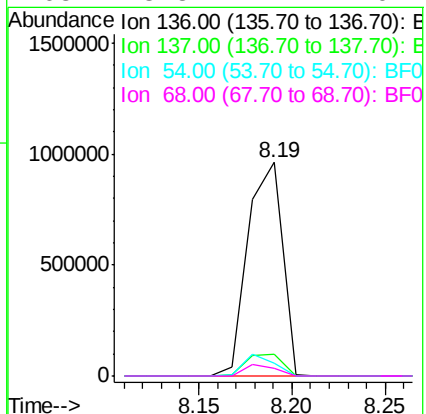
Ion Ratio Lower Upper

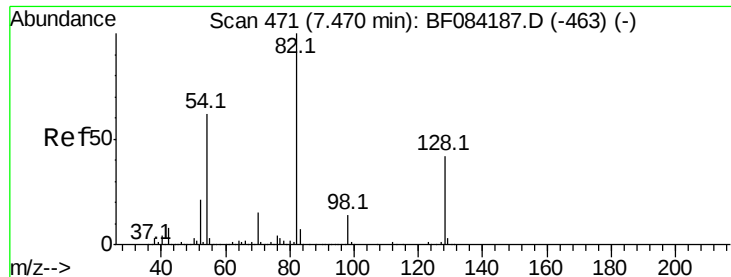
136 100

137 10.2 8.7 13.1

54 6.2 5.8 8.8

68 3.8 4.2 6.2#





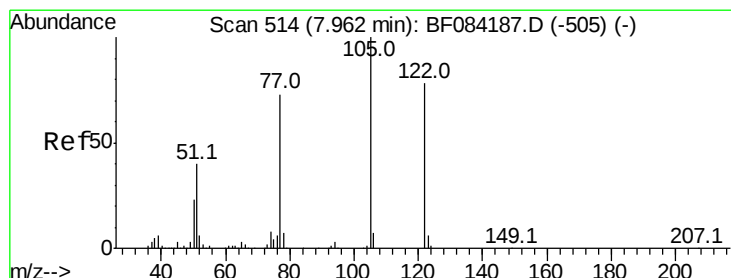
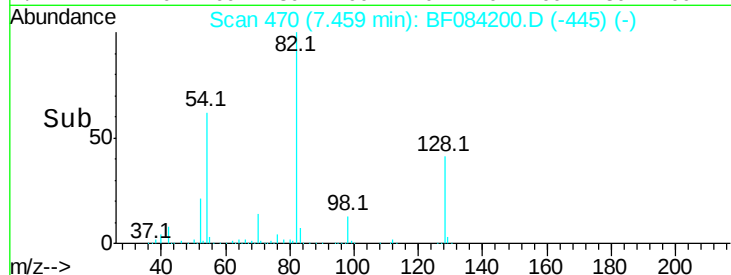
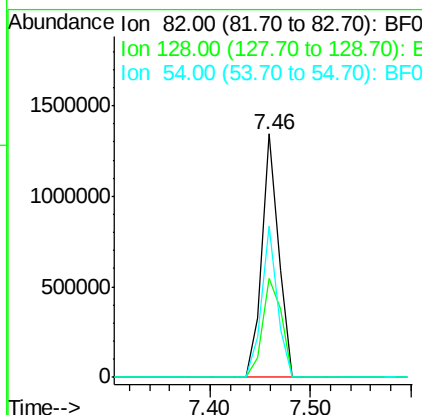
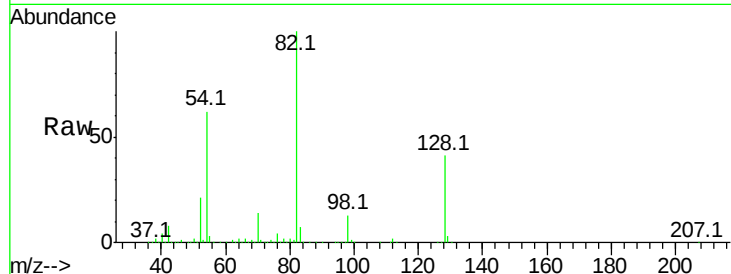
#23
Nitrobenzene-d5
Concen: 70.02 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084200.D
Acq: 31 Dec 2015 17:44

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	51.8
54	62.2	38.4	57.6

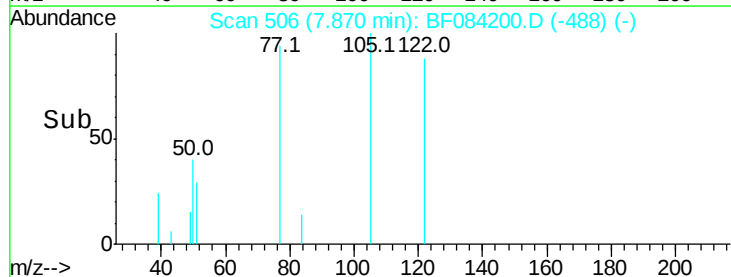
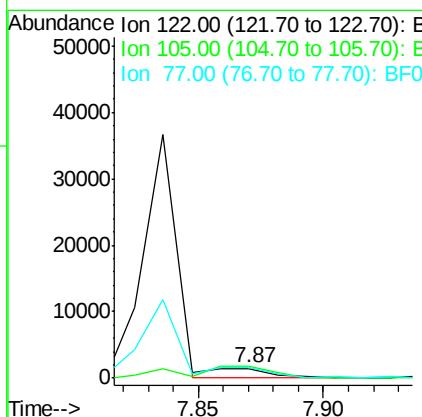
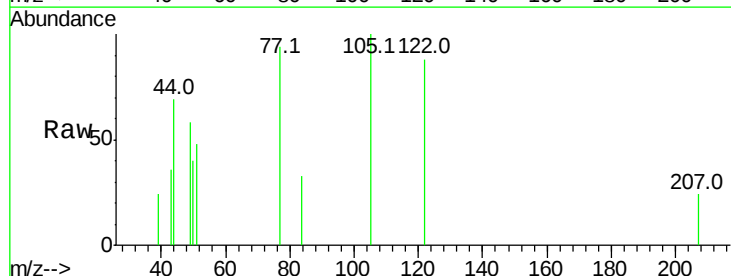
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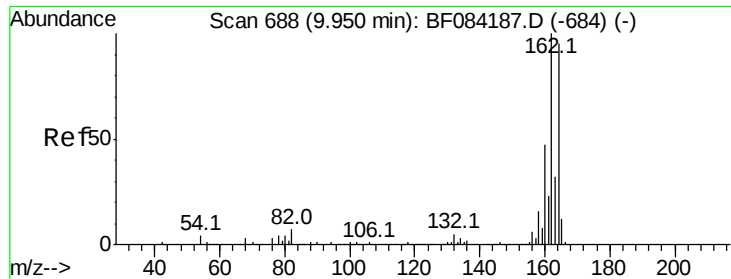
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#32
Benzoic acid
Concen: 6.42 ng m
RT: 7.87 min Scan# 506
Delta R.T. -0.09 min
Lab File: BF084200.D
Acq: 31 Dec 2015 17:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.1	100.3	140.3
77	107.2	63.5	103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

Instrument :

BNA_F

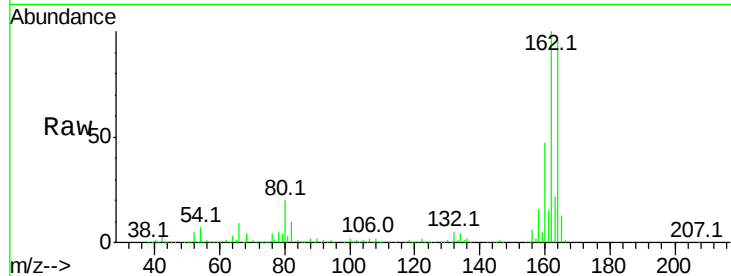
ClientSampleId :

LOD-WATER2016-01

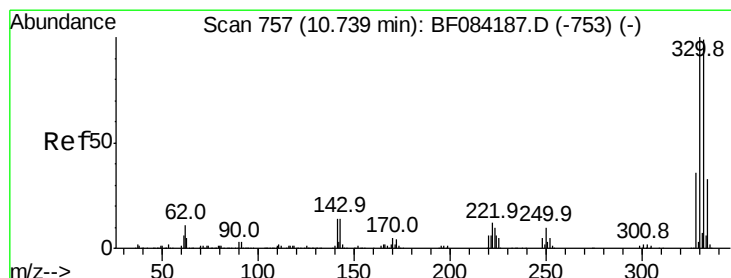
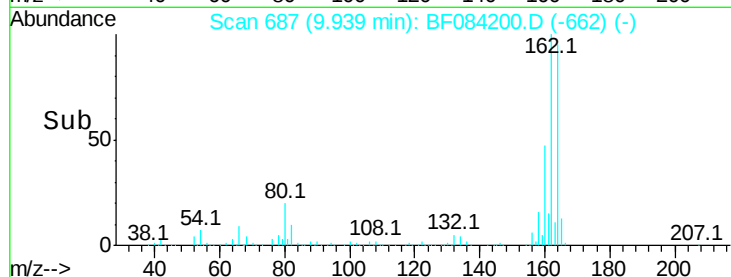
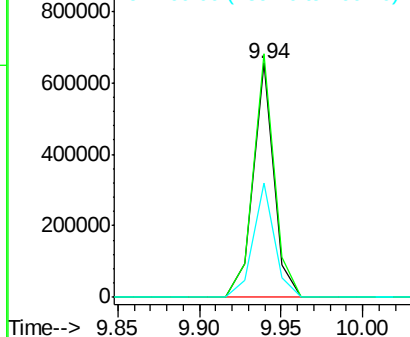
Tot Ion:	164	Resp:	578442
Ion Ratio	Lower	Upper	
164	100		
162	104.0	85.1	127.7
160	48.7	37.5	56.3

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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



#41

2,4,6-Tribromophenol

Concen: 106.42 ng

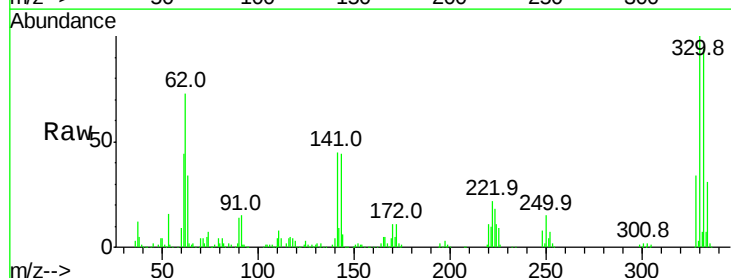
RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

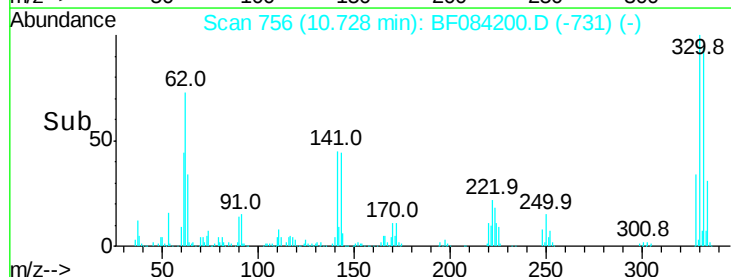
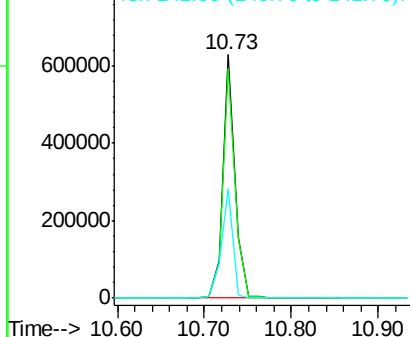
Lab File: BF084200.D

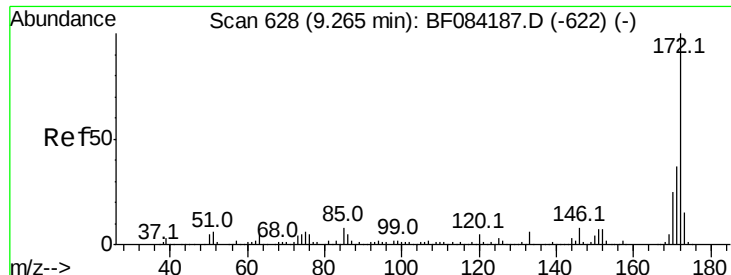
Acq: 31 Dec 2015 17:44

Tgt Ion:	330	Resp:	621452
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.6	114.8
141	43.4	27.8	41.6#



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





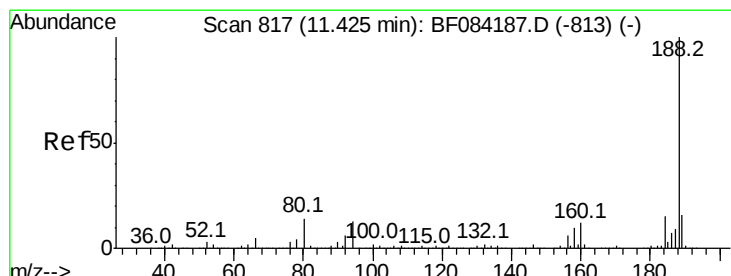
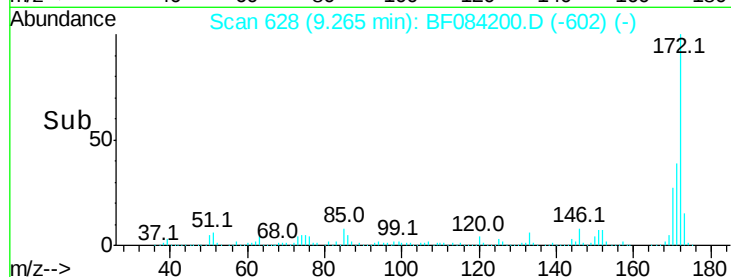
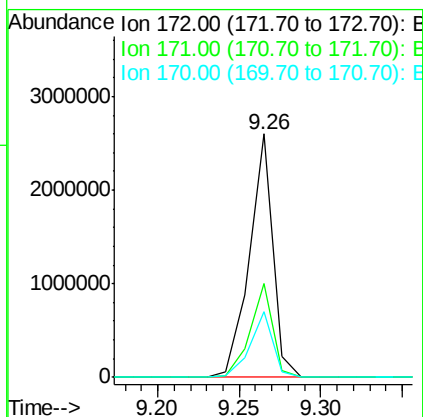
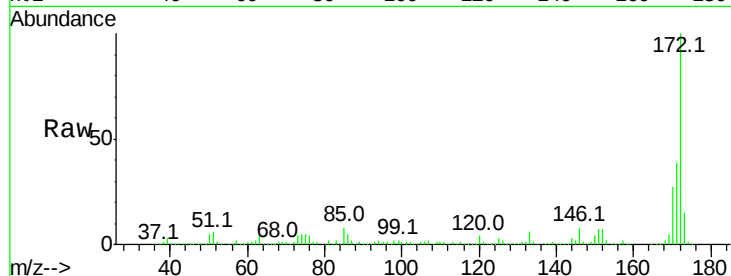
#44
 2-Fluorobiphenyl
 Concen: 78.08 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084200.D
 Acq: 31 Dec 2015 17:44

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	28.9	43.3
170	27.2	18.6	27.8

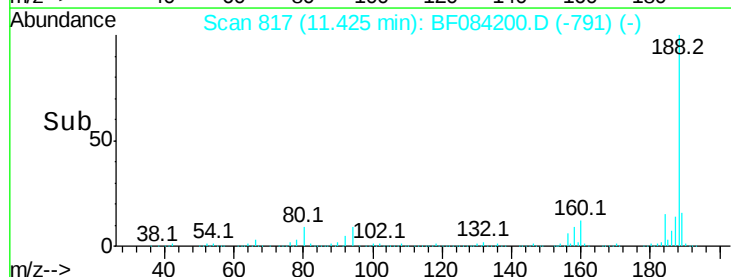
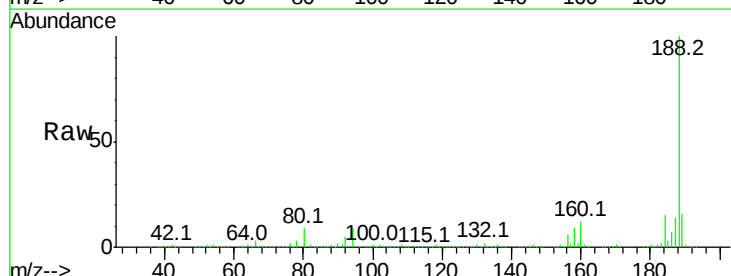
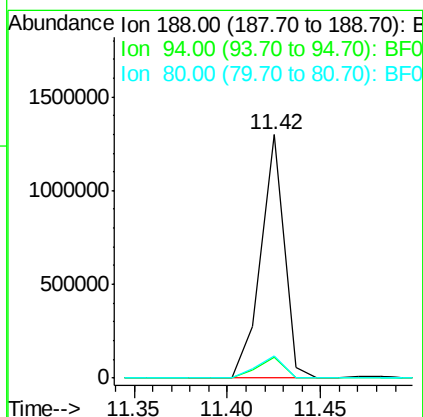
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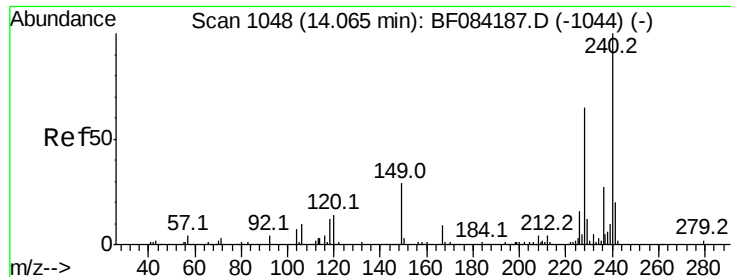
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF084200.D
 Acq: 31 Dec 2015 17:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	9.0	9.6	14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

Instrument :

BNA_F

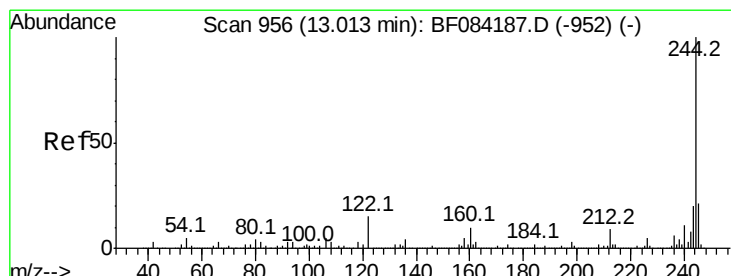
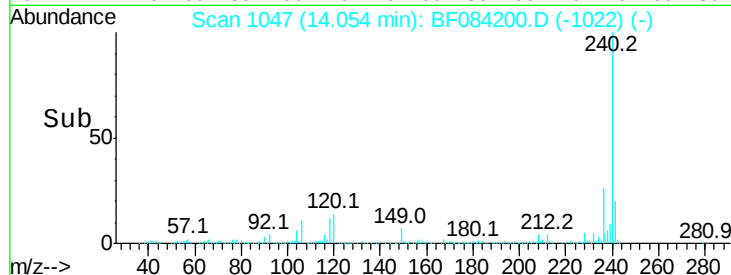
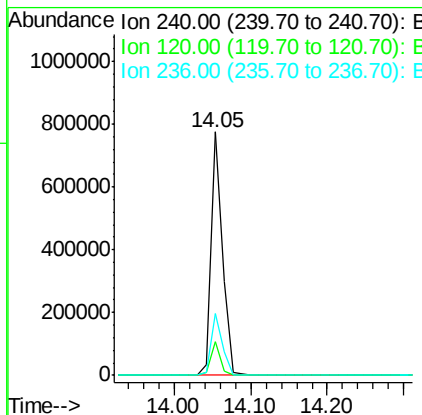
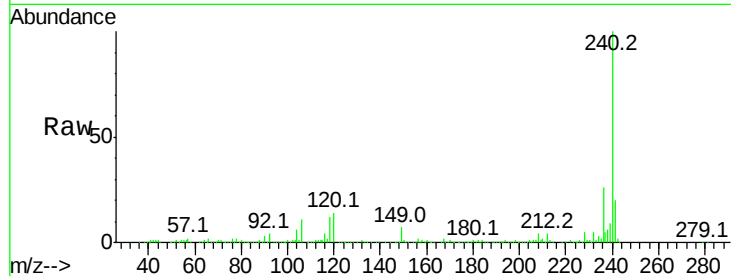
ClientSampleId :

LOD-WATER2016-01

Tot Ion:	240	Resp:	776814
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	25.7	20.6	31.0

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#78

Terphenyl-d14

Concen: 71.26 ng

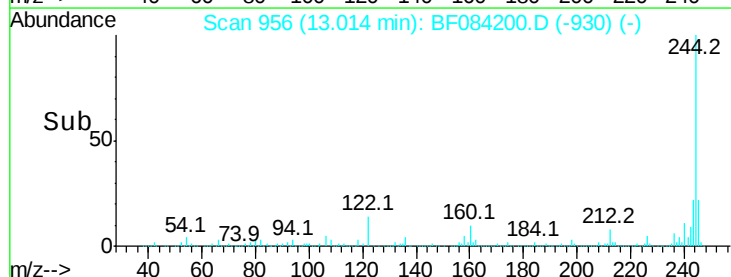
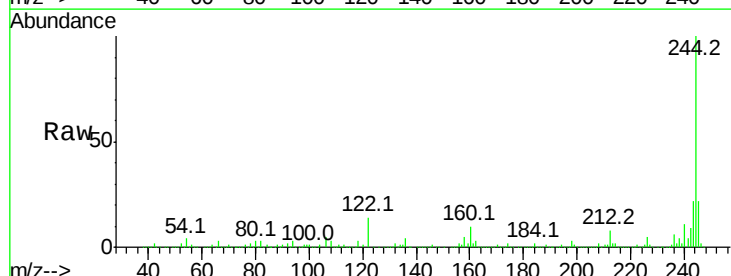
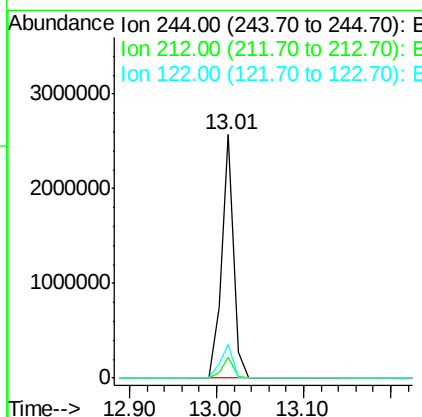
RT: 13.01 min Scan# 956

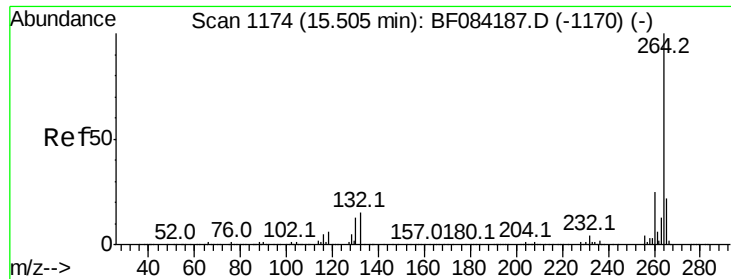
Delta R.T. 0.00 min

Lab File: BF084200.D

Acq: 31 Dec 2015 17:44

Tgt Ion:	244	Resp:	2479747
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.7	8.5
122	14.0	7.4	11.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084200.D
Acq: 31 Dec 2015 17:44

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.2	17.8	26.6

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