

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085985.D
 Acq On : 2 Apr 2016 2:35
 Operator : UM/SJ
 Sample : H1824-05
 Misc : LOD 2PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Manual Integrations
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Sohil
 4/4/2016 7:43:30 PM

Quant Time: Apr 02 03:14:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106794	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	429469	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	195276	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	398217	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	361335	20.00	ng	0.00
86) Perylene-d12	15.33	264	313488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	767346	122.82	ng	0.00
7) Phenol-d6	6.42	99	1029218	129.69	ng	0.00
23) Nitrobenzene-d5	7.34	82	623970	85.68	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	286943	156.56	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1093003	93.06	ng	0.00
78) Terphenyl-d14	12.88	244	1085183	70.60	ng	0.00
Target Compounds						
3) Pyridine	3.46	79	6003m	0.91	ng	Qvalue 92
4) n-Nitrosodimethylamine	3.24	42	1696m	0.58	ng	
55) 4-Nitrophenol	10.01	139	2257m	1.04	ng	
64) 4,6-Dinitro-2-methylphenol	10.43	198	884	0.37	ng	
69) Pentachlorophenol	11.12	266	884	0.45	ng	

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

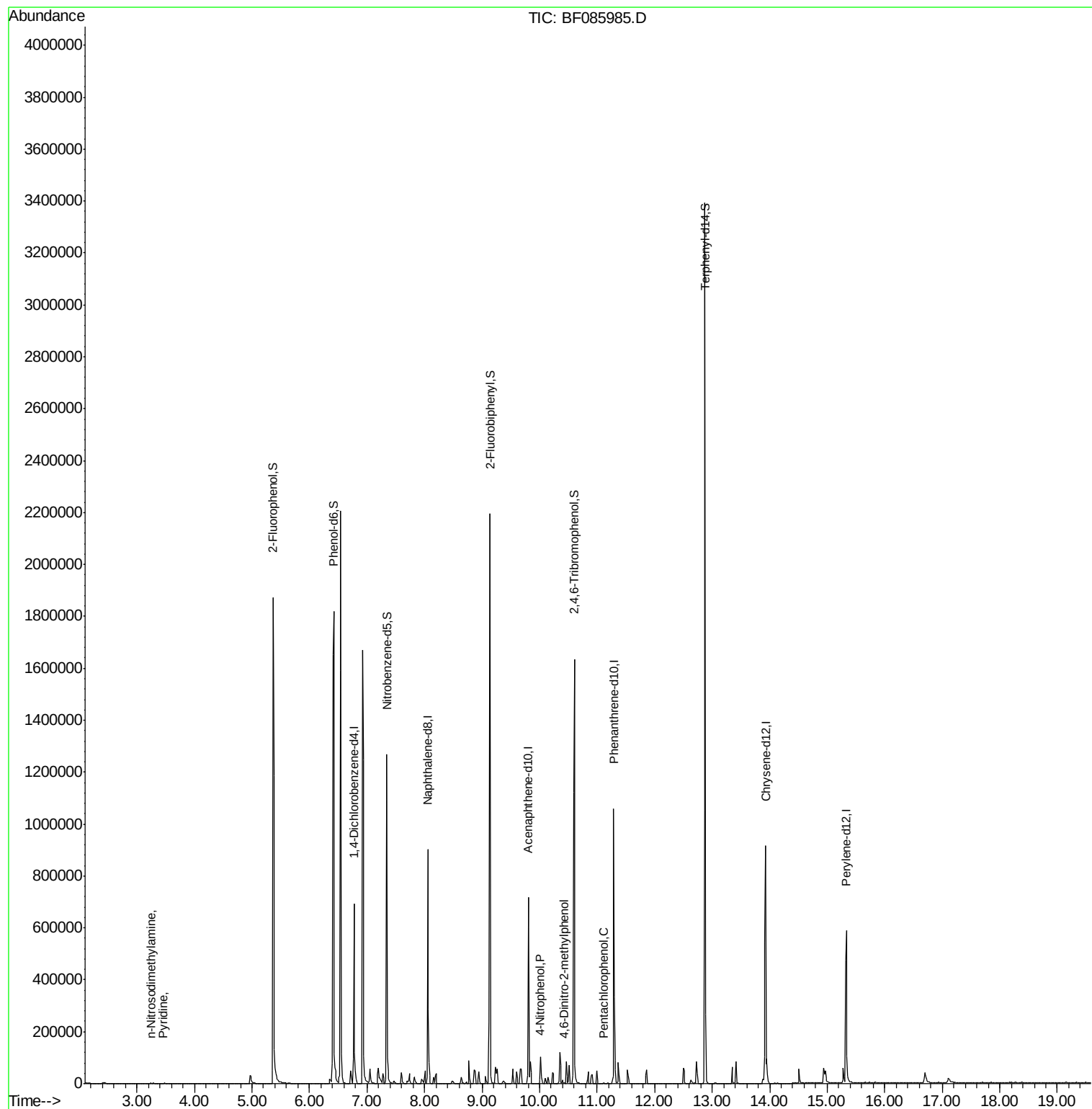
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085985.D
Acq On : 2 Apr 2016 2:35
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Misc : LOD 2PPM
ALS Vial : 23 Sample Multiplier: 1

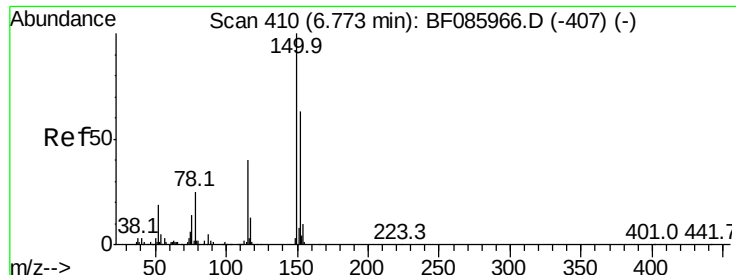
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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4/4/2016 7:43:30 PM

Quant Time: Apr 02 03:14:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085985.D

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Instrument :

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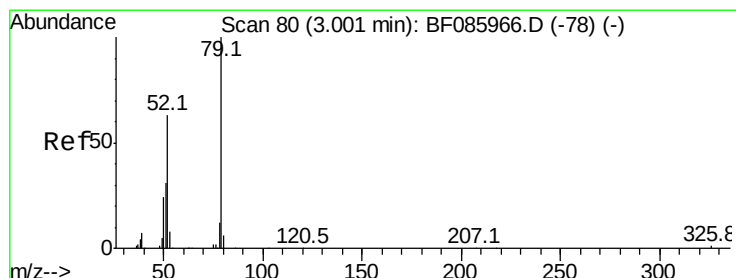
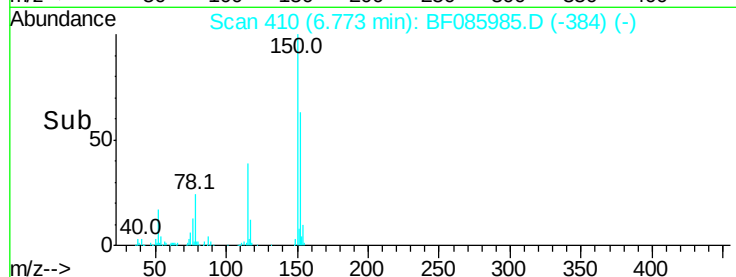
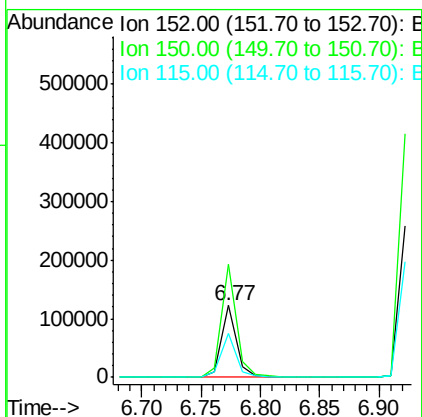
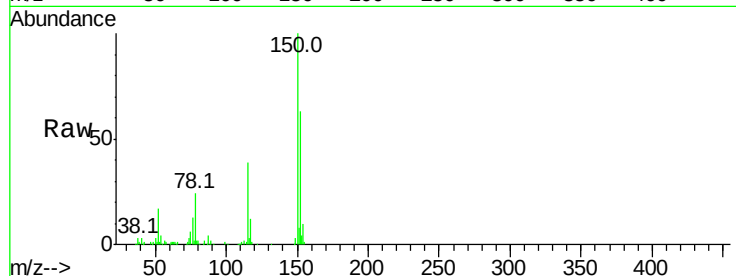
ClientSampleId :

LOD-WATER2016-01

Tot Ion:	152	Resp:	106794
Ion Ratio	Lower	Upper	
152	100		
150	157.5	124.2	186.2
115	61.6	47.0	70.6

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#3

Pyridine

Concen: 0.91 ng m

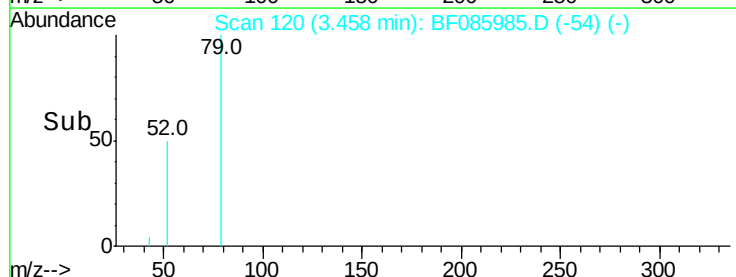
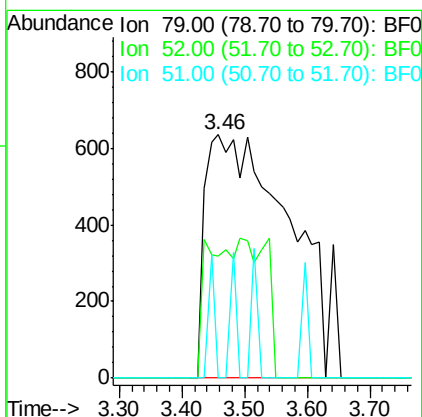
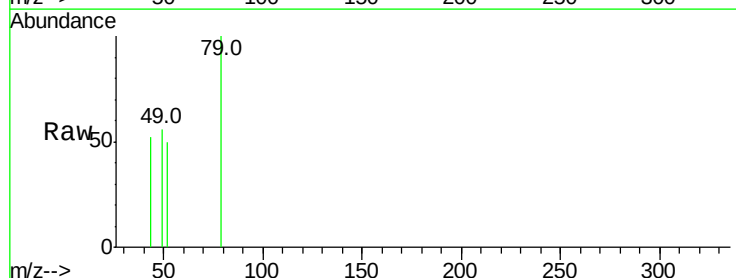
RT: 3.46 min Scan# 120

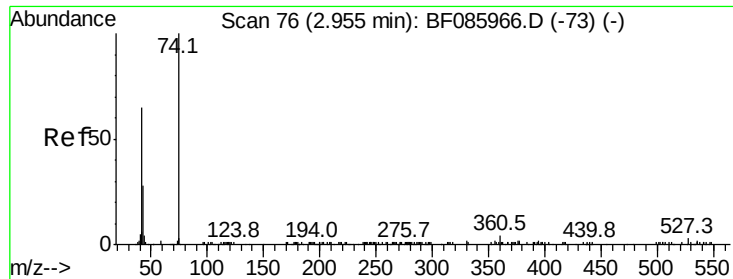
Delta R.T. 0.46 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Tgt Ion:	79	Resp:	6003
Ion Ratio	Lower	Upper	
79	100		
52	50.0	49.8	74.6
51	0.0	24.7	37.1#





#4

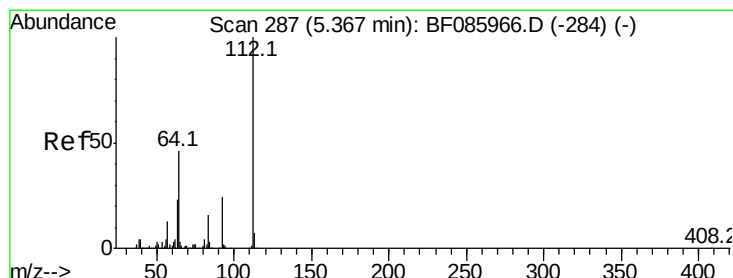
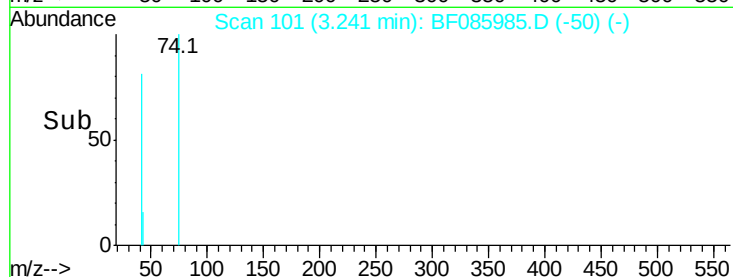
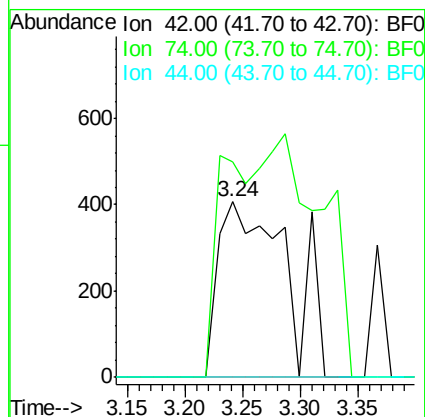
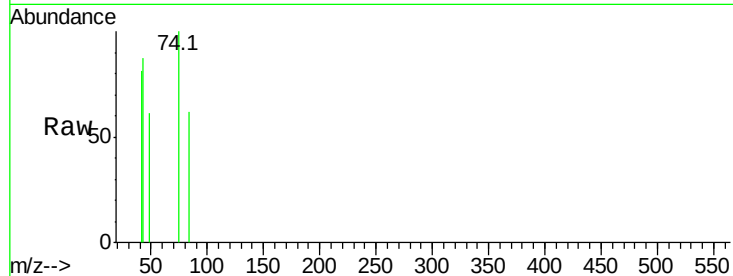
n-Nitrosodimethylamine
 Concen: 0.58 ng/ml
 RT: 3.24 min Scan# 101
 Delta R.T. 0.29 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
42	100		
74	123.2	121.4	182.2
44	0.0	5.6	8.4

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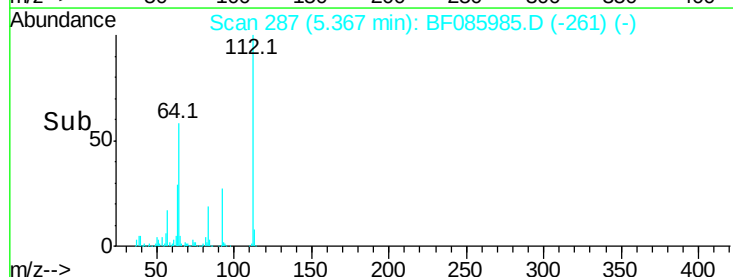
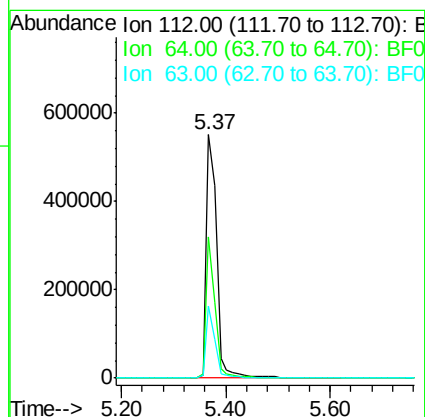
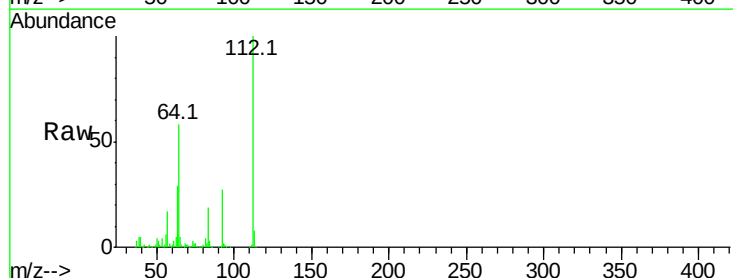
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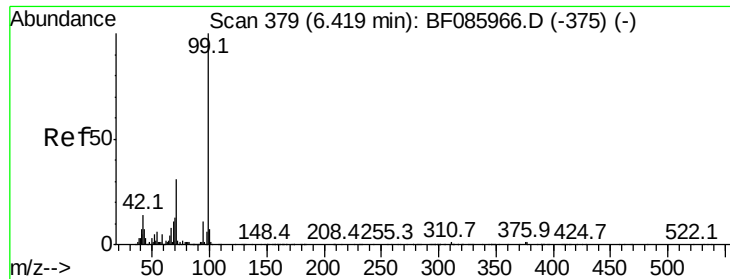


#5

2-Fluorophenol
 Concen: 122.82 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	39.9	59.9
63	29.4	20.2	30.2





#7

Phenol-d6

Concen: 129.69 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion: 99 Resp: 1029218

Ion Ratio Lower Upper

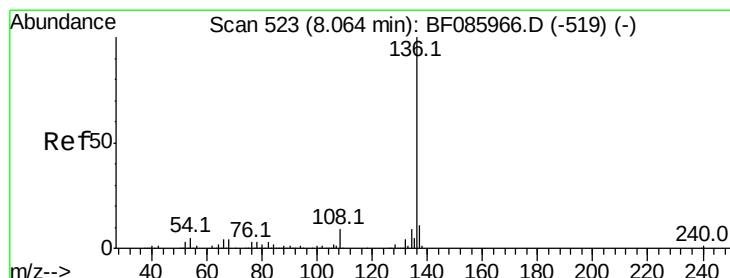
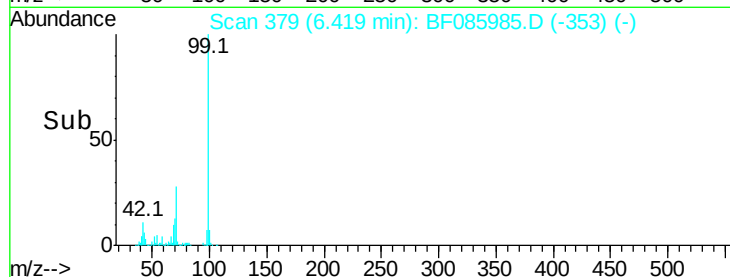
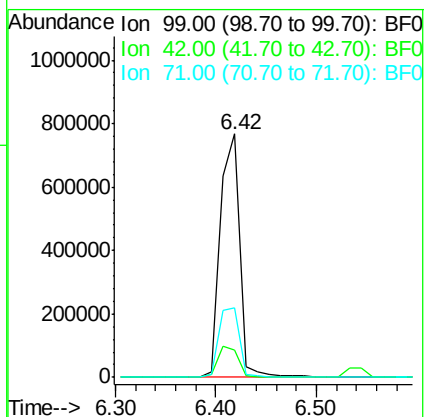
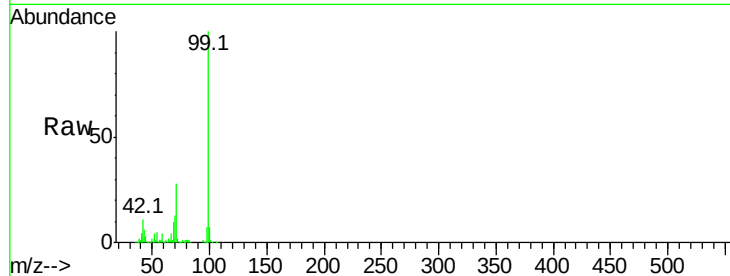
99 100

42 11.3 11.1 16.7

71 28.5 24.9 37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Tgt Ion: 136 Resp: 429469

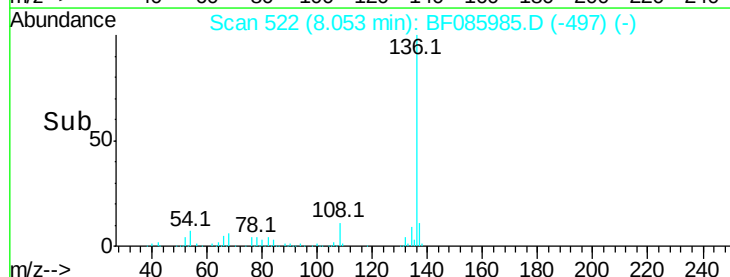
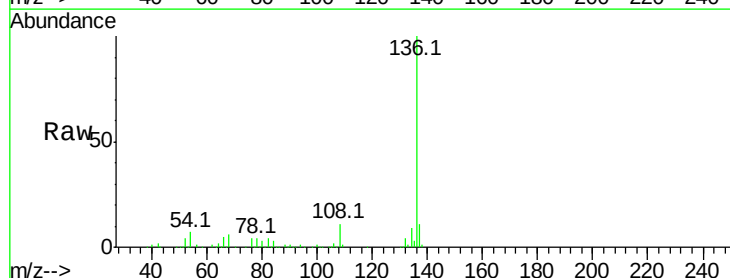
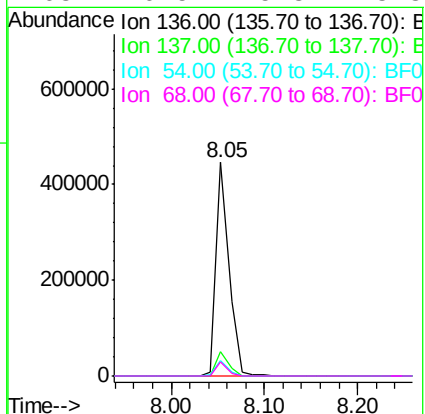
Ion Ratio Lower Upper

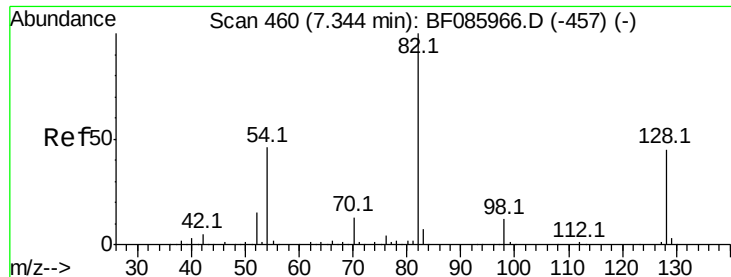
136 100

137 11.3 9.1 13.7

54 7.4 7.4 11.0

68 6.5 5.8 8.8





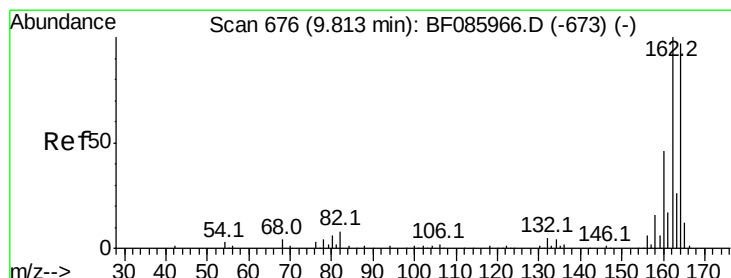
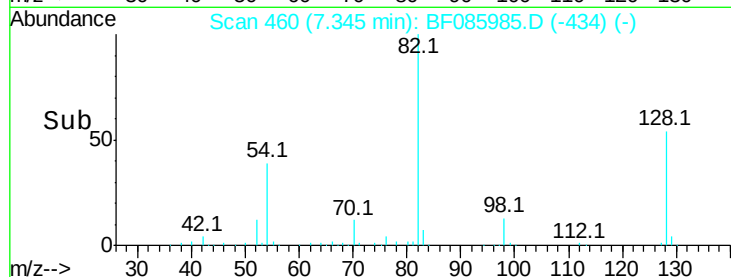
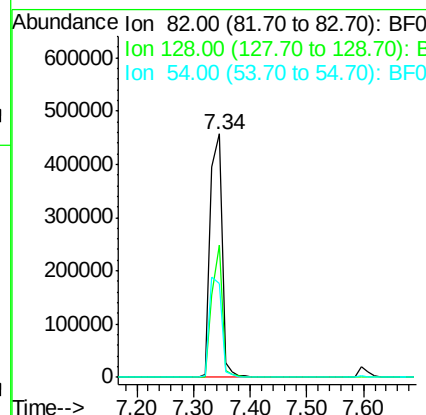
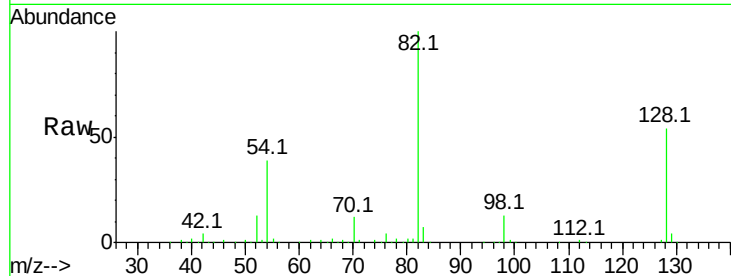
#23
 Nitrobenzene-d5
 Concen: 85.68 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	54.2	41.8	62.8
54	38.5	33.4	50.0

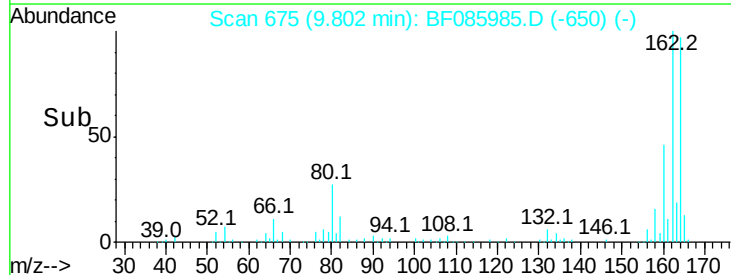
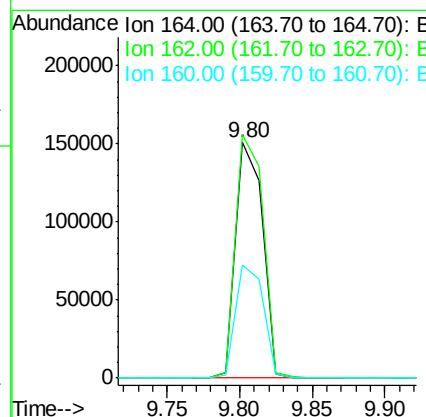
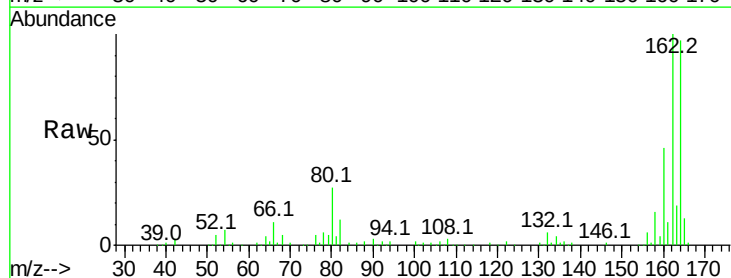
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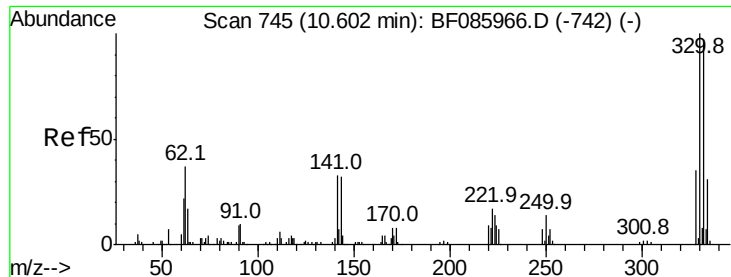
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.1	123.1
160	47.9	37.4	56.2





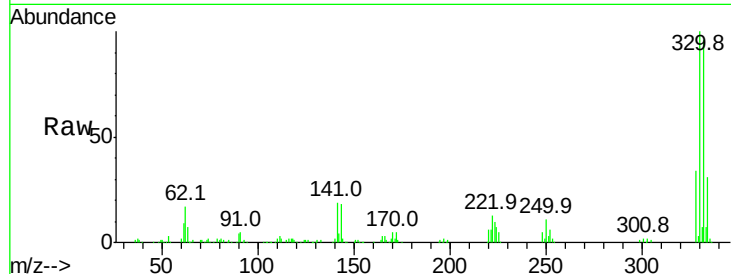
#41
 2,4,6-Tribromophenol
 Concen: 156.56 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

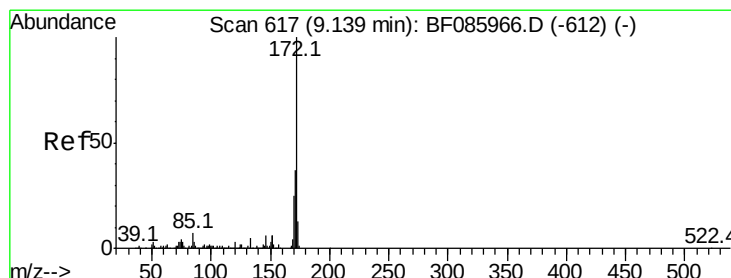
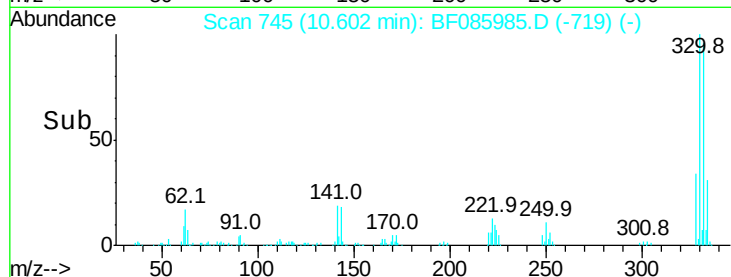
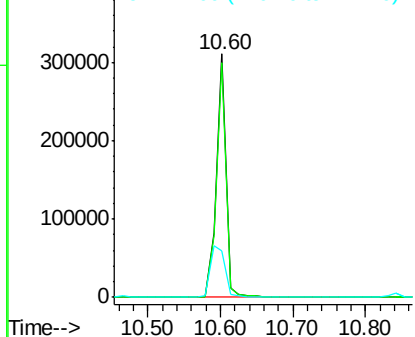
Tot Ion	Ratio	Resp	Lower	Upper
330	100	286943		
332	96.2	78.2	117.2	
141	31.9	31.5	47.3	

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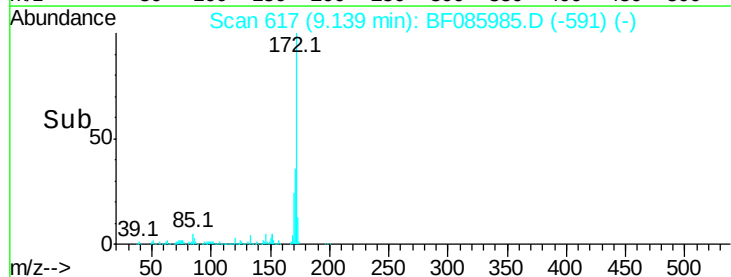
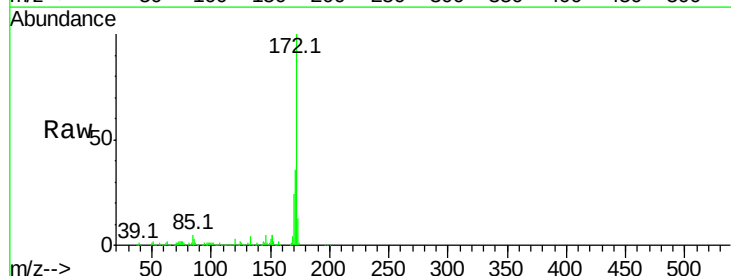
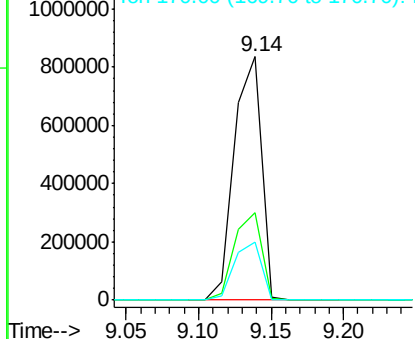
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

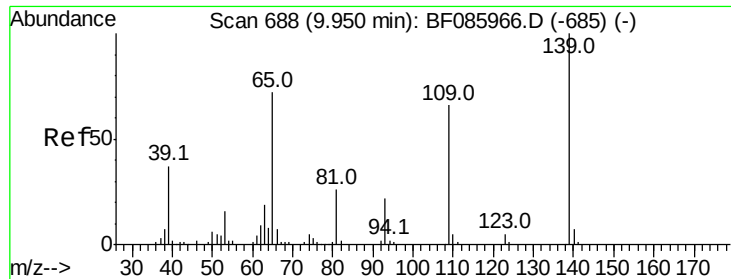


#44
 2-Fluorobiphenyl
 Concen: 93.06 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1093003		
171	35.7	29.4	44.2	
170	23.9	19.8	29.6	

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





#55

4-Nitrophenol

Concen: 1.04 ng/mL

RT: 10.01 min Scan# 693

Delta R.T. 0.06 min

Lab File: BF085985.D

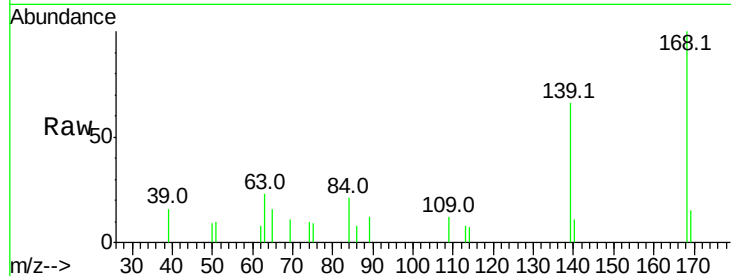
Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleID :

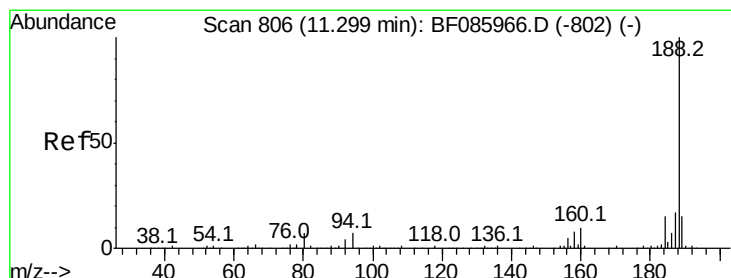
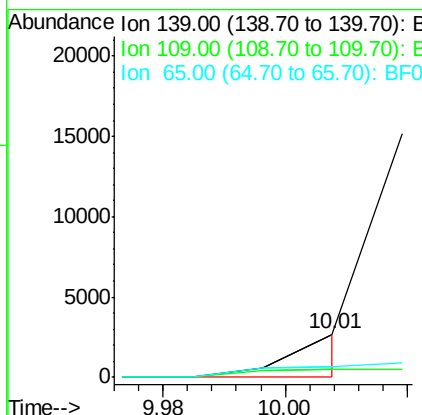
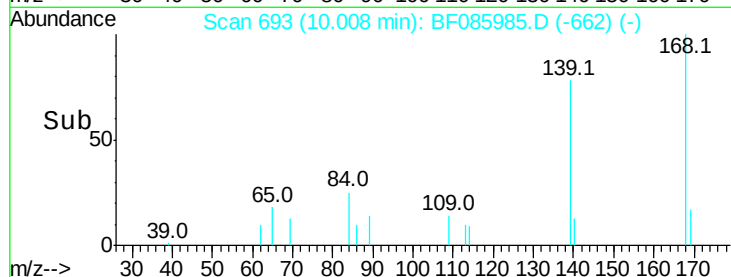
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Tot Ion	Ratio	Lower	Upper
139	100		
109	17.5	49.2	89.2#
65	23.6	66.9	106.9#

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#63

Phenanthrene-d10

Concen: 20.00 ng

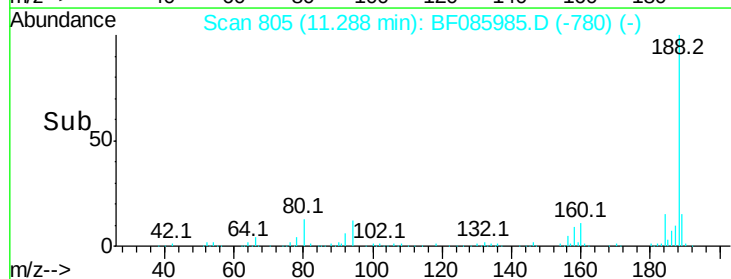
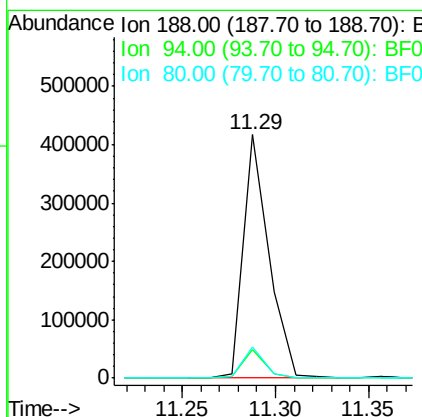
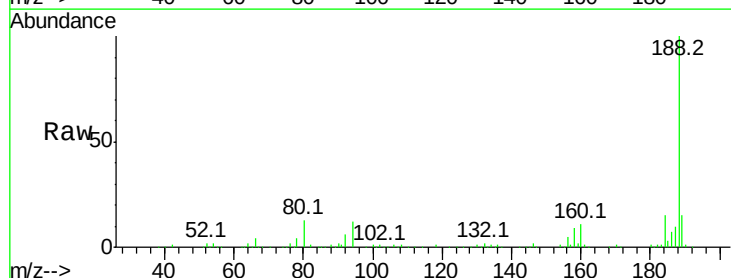
RT: 11.29 min Scan# 805

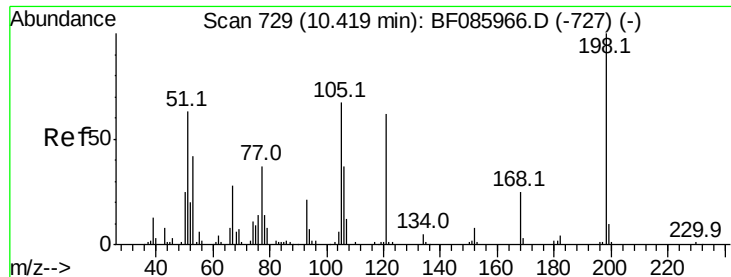
Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	5.4	8.0#
80	12.5	5.5	8.3#





#64

4,6-Dinitro-2-methylphenol

Concen: 0.37 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion:198 Resp: 884

Ion Ratio Lower Upper

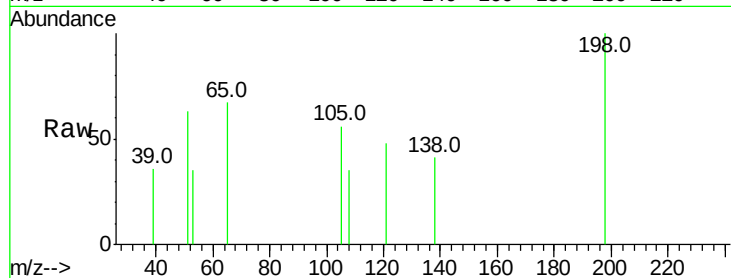
198 100

51 62.6 45.4 85.4

105 56.4 45.9 85.9

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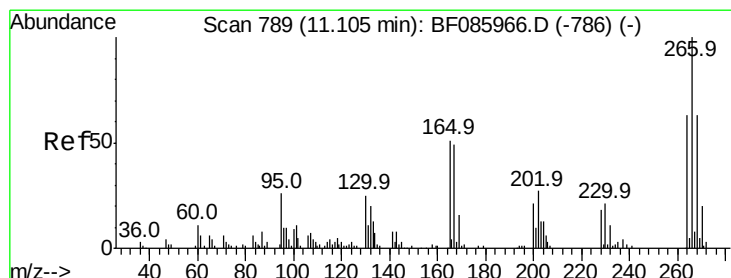
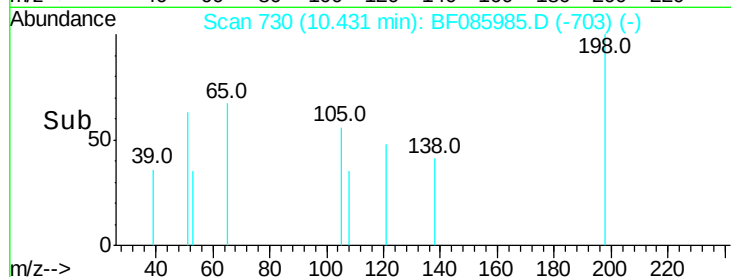
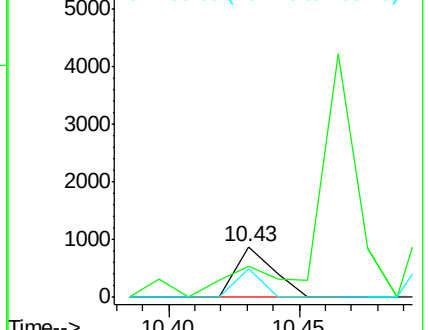
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#69

Pentachlorophenol

Concen: 0.45 ng

RT: 11.12 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

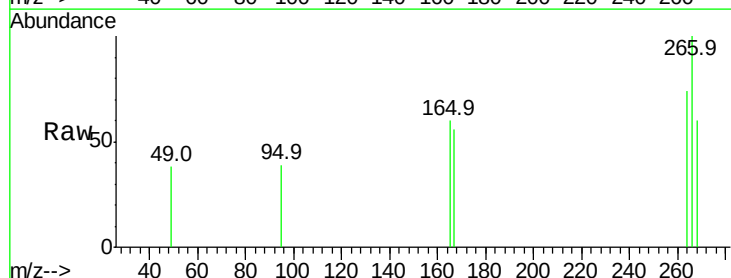
Tgt Ion:266 Resp: 884

Ion Ratio Lower Upper

266 100

268 60.5 51.5 77.3

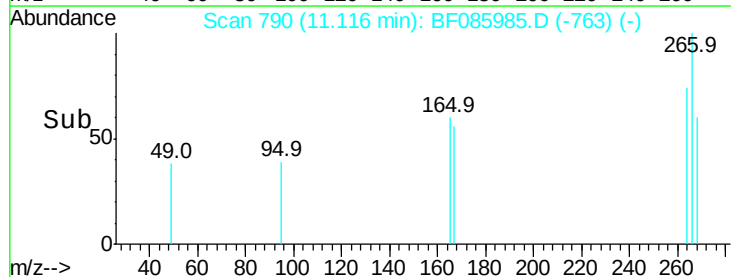
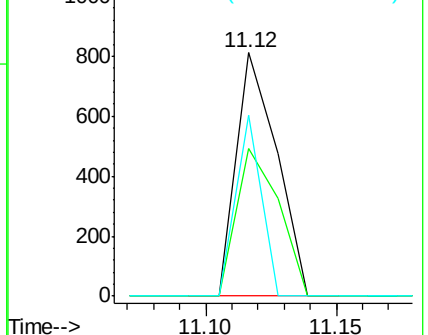
264 74.3 50.6 76.0

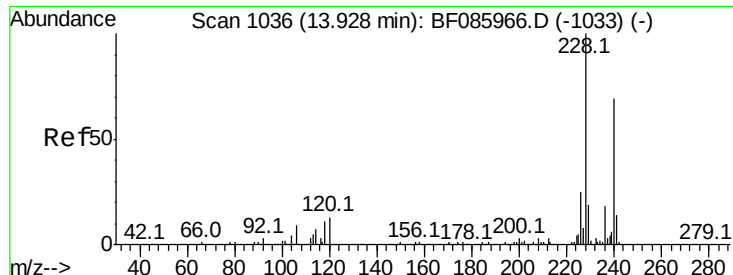


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

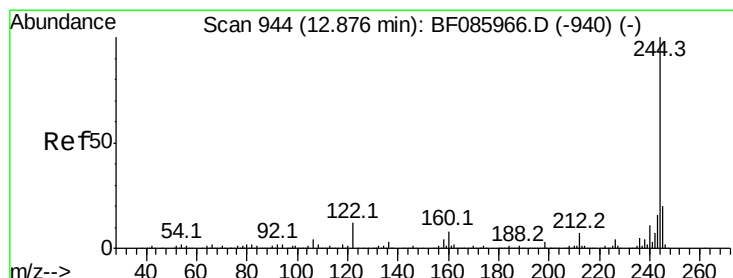
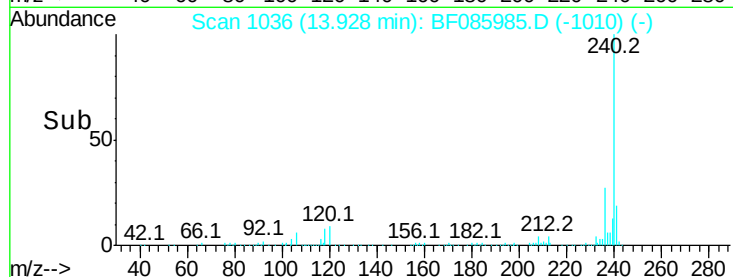
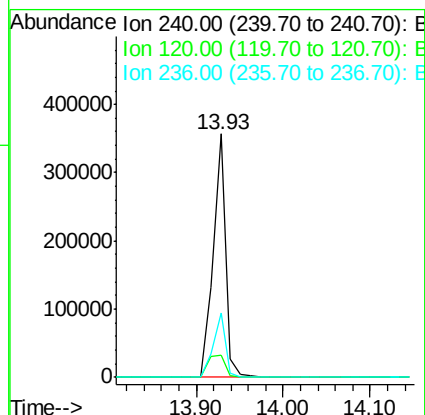
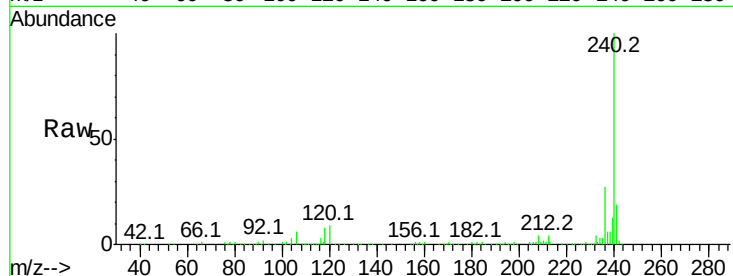
ClientSampleId :

LOD-WATER2016-01

Tot Ion:	240	Resp:	361335
Ion Ratio	Lower	Upper	
240	100		
120	9.2	13.8	20.8#
236	26.5	20.6	30.8

Manual Integrations
APPROVED

Sohil
4/4/2016 7:43:30 PM



#78

Terphenyl-d14

Concen: 70.60 ng

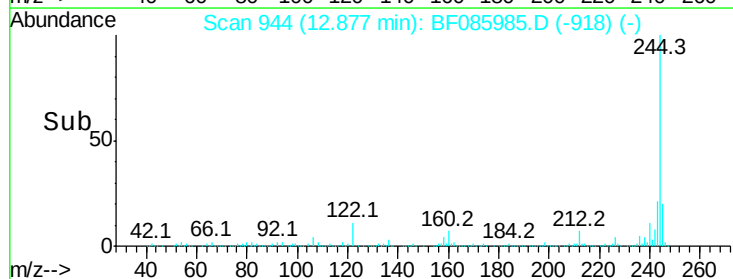
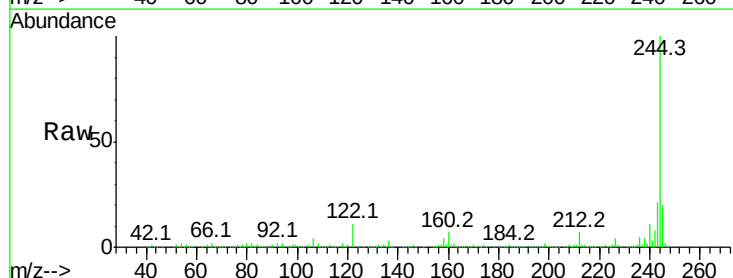
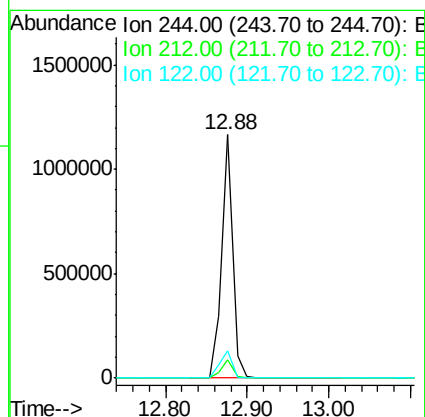
RT: 12.88 min Scan# 944

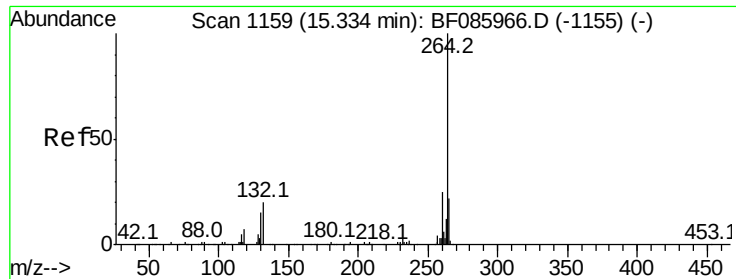
Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Tgt Ion:	244	Resp:	1085183
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.1	9.1
122	11.3	10.2	15.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:	264	Resp:	313488
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.4	29.2
265	22.0	17.2	25.8

Manual Integrations
APPROVED

Sohil
4/4/2016 7:43:30 PM

