Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019175.D
Acq On : 13 Oct 2015 2:10
Operator : UM/NP
Sample : G3707-05
Misc : LOD 2 PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:51 PM

Quant Time: Oct 13 05:12:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16880	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	78056	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	57550	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	146458	20.00	ng		0.00
75) Chrysene-d12	21.68	240	176153	20.00	ng		0.00
86) Perylene-d12	24.91	264	170131	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	102443	123.57	ng		0.00
7) Phenol-d6	7.20	99	158047	124.09	ng		0.00
23) Nitrobenzene-d5	9.19	82	107730	76.26	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	91034	116.08	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	274607	73.37	ng		0.00
78) Terphenyl-d14	20.02	244	499545	74.91	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.93	79	752m	0.71	ng		
26) 2-Nitrophenol	9.94	139	738	1.15	ng	#	76
40) Hexachlorocyclopentadiene	12.84	237	437	0.51	ng		84
55) 4-Nitrophenol	14.88	139	359	0.44	ng	#	55

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019175.D
Acq On : 13 Oct 2015 2:10
Operator : UM/NP
Sample : G3707-05
Misc : LOD 2 PPM
ALS Vial : 11 Sample Multiplier: 1

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BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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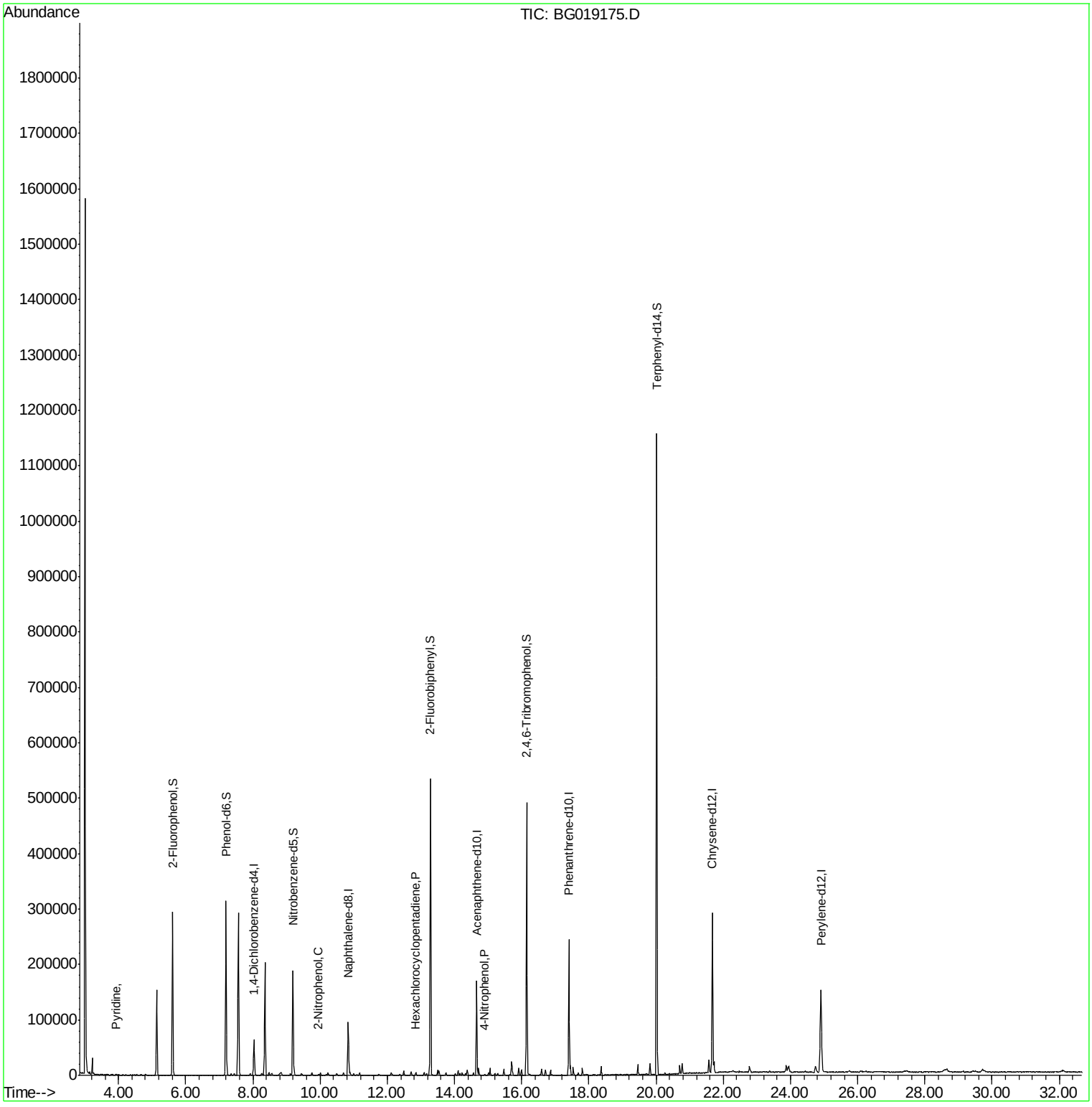
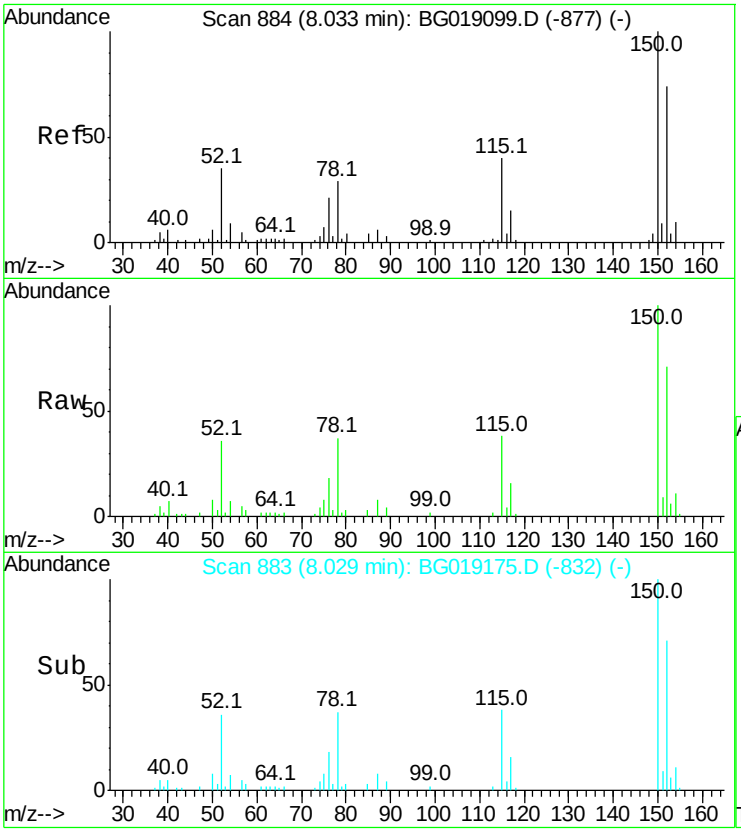
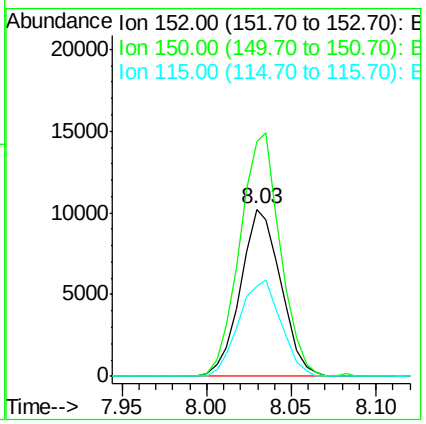




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:152 Resp: 16880

Ion	Ratio	Lower	Upper
152	100		
150	140.3	108.2	162.2
115	53.9	43.2	64.8



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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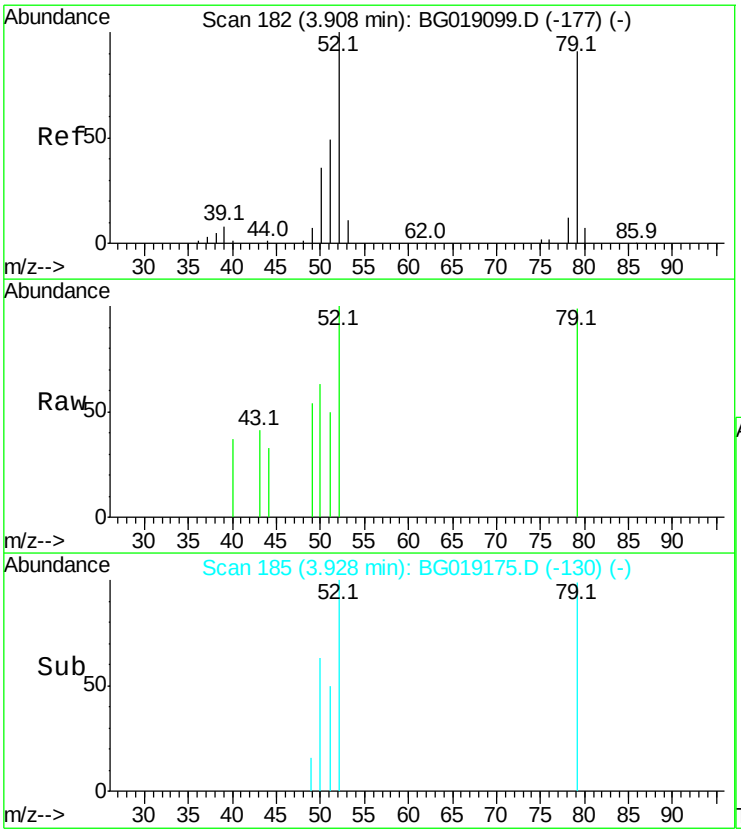
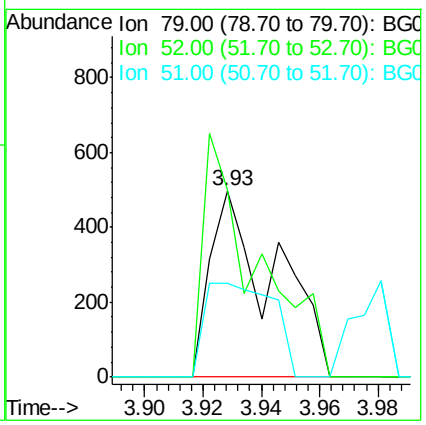
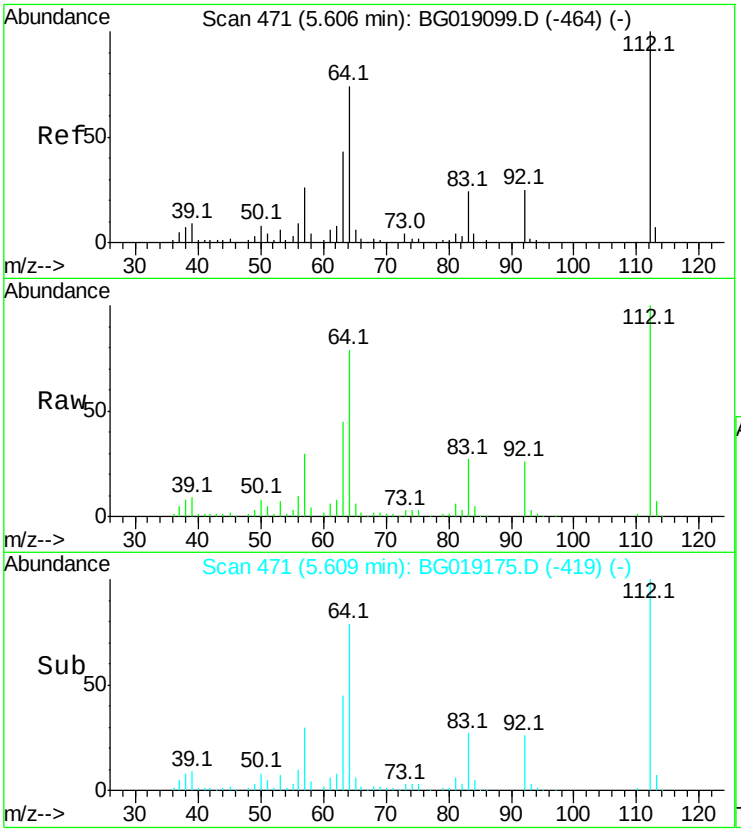


#3
Pyridine
Concen: 0.71 ng m
RT: 3.93 min Scan# 185
Delta R.T. 0.02 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion: 79 Resp: 752

Ion	Ratio	Lower	Upper
79	100		
52	100.8	88.3	132.5
51	50.5	44.6	66.8

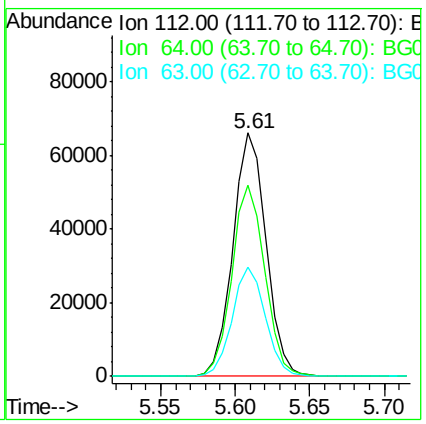




#5
2-Fluorophenol
Concen: 123.57 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:112 Resp: 102443

Ion	Ratio	Lower	Upper
112	100		
64	78.6	59.0	88.4
63	44.8	34.7	52.1



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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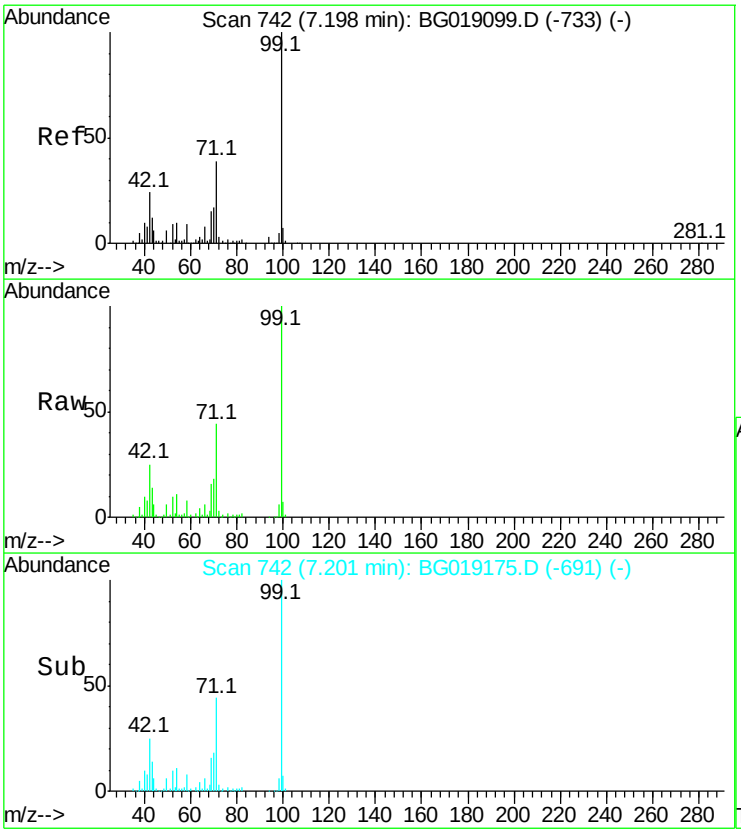
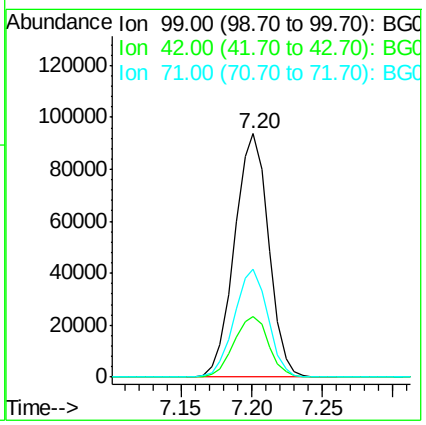
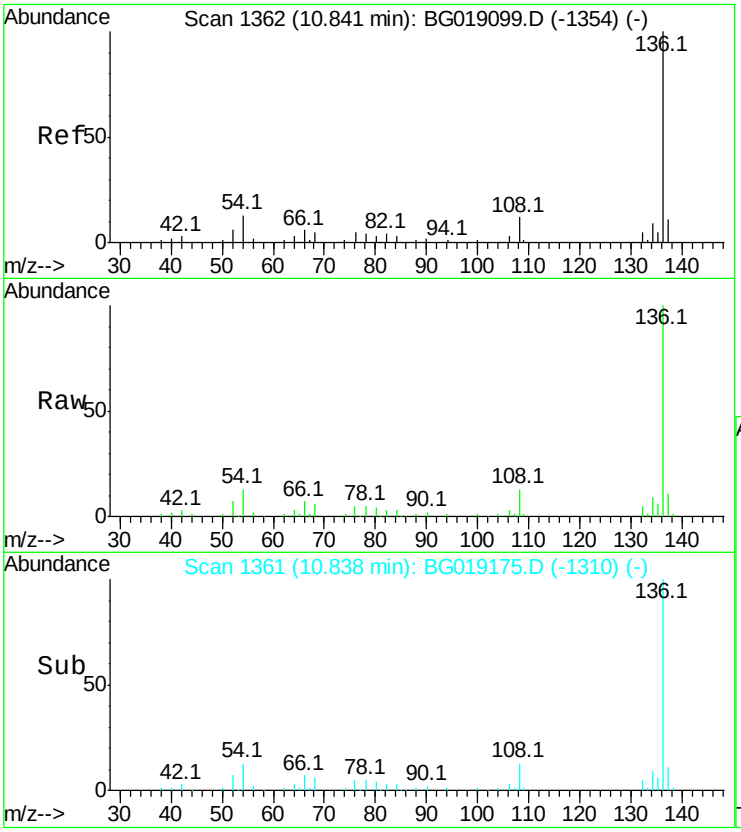


#7
Phenol-d6
Concen: 124.09 ng
RT: 7.20 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion: 99 Resp: 158047

Ion	Ratio	Lower	Upper
99	100		
42	25.0	19.5	29.3
71	44.3	31.4	47.0

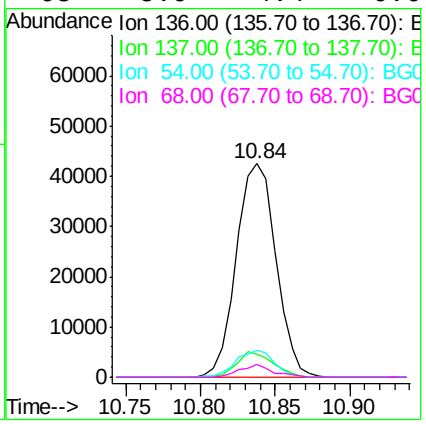




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:136 Resp: 78056

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	12.8	10.1	15.1
68	5.9	4.4	6.6



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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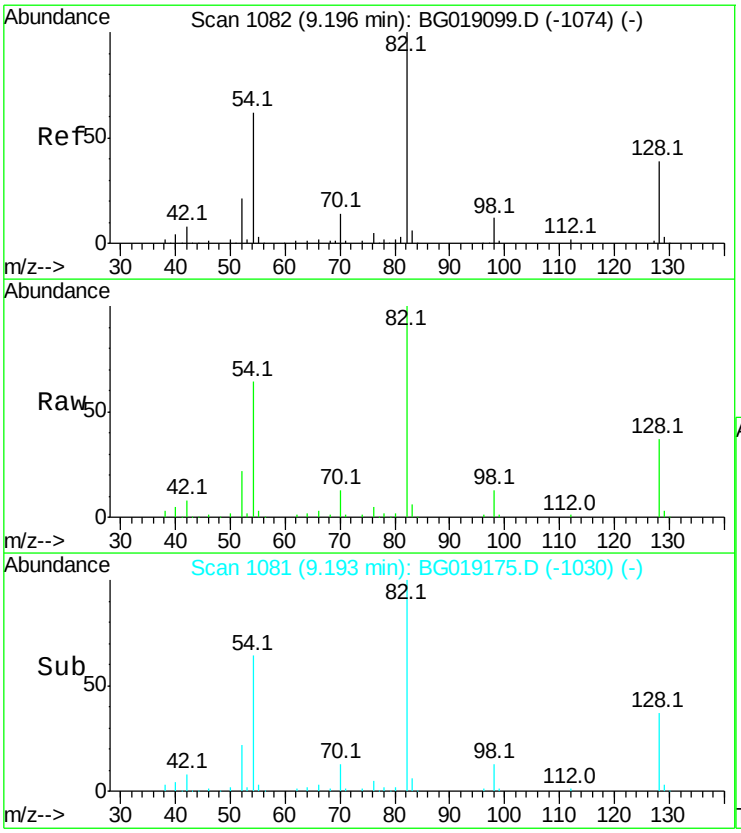
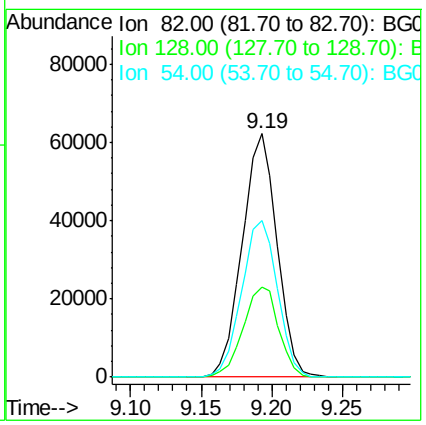
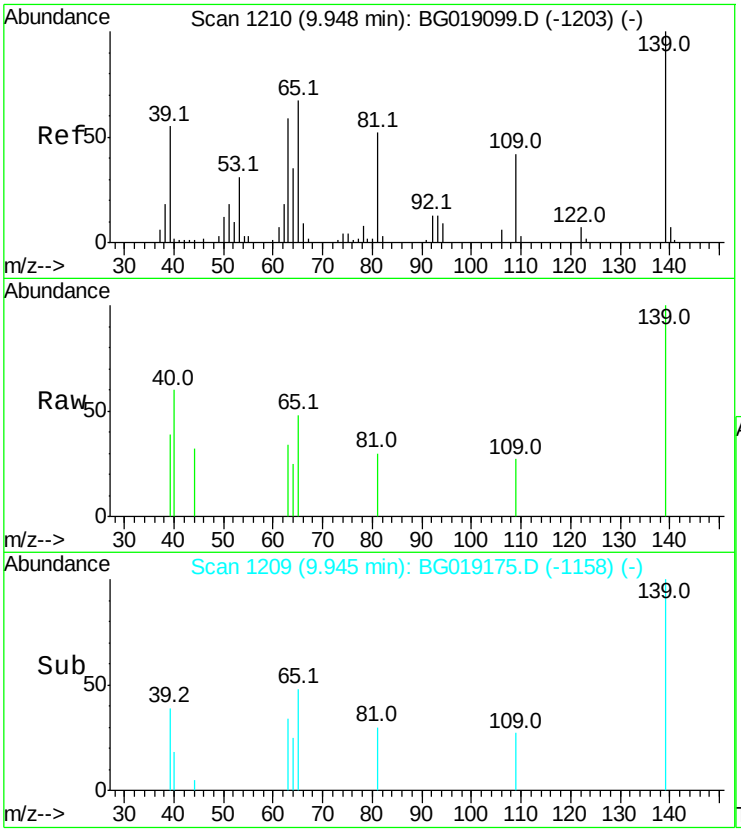


#23
Nitrobenzene-d5
Concen: 76.26 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion: 82 Resp: 107730

Ion	Ratio	Lower	Upper
82	100		
128	37.0	31.4	47.2
54	64.2	50.0	75.0

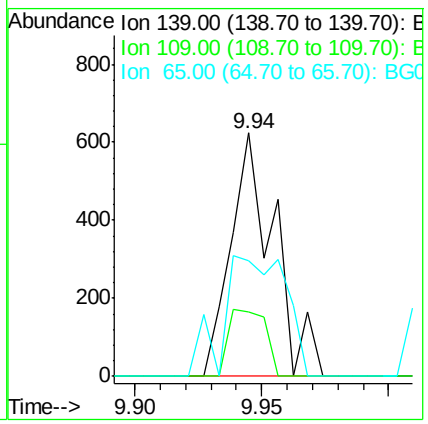




#26
2-Nitrophenol
Concen: 1.15 ng
RT: 9.94 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:139 Resp: 738

Ion	Ratio	Lower	Upper
139	100		
109	26.6	33.3	49.9#
65	47.6	53.6	80.4#



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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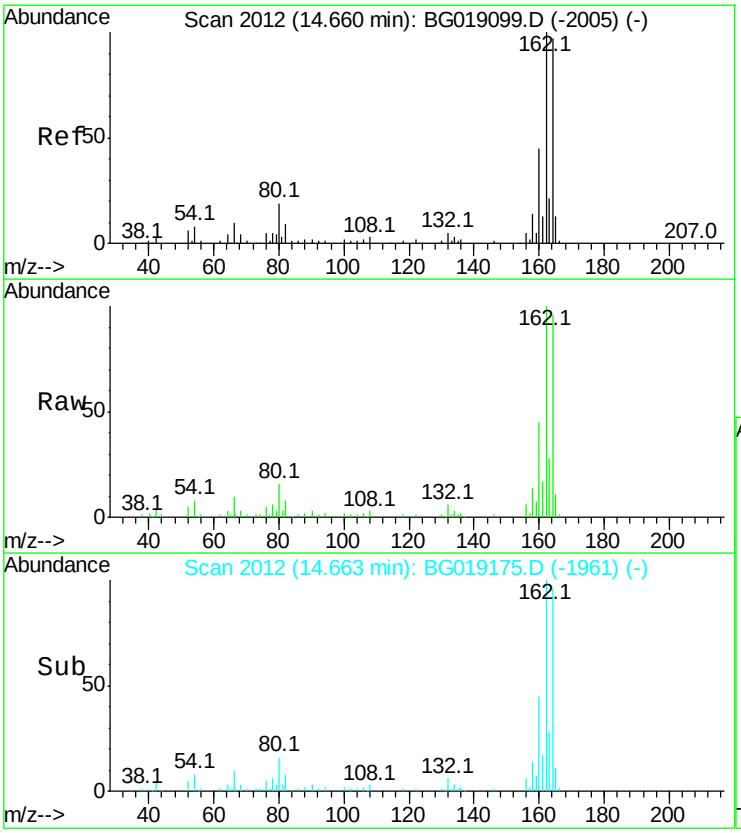
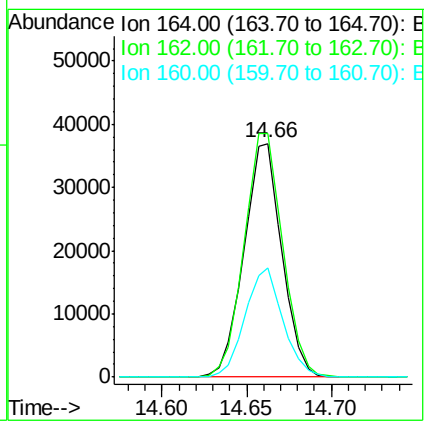
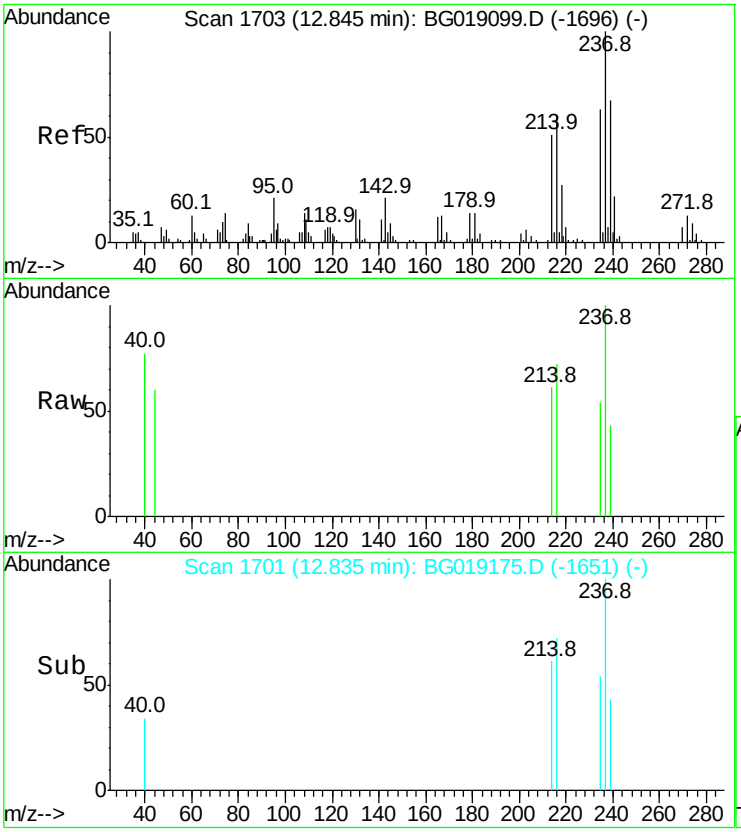


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:164 Resp: 57550

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	124.0
160	46.8	36.9	55.3

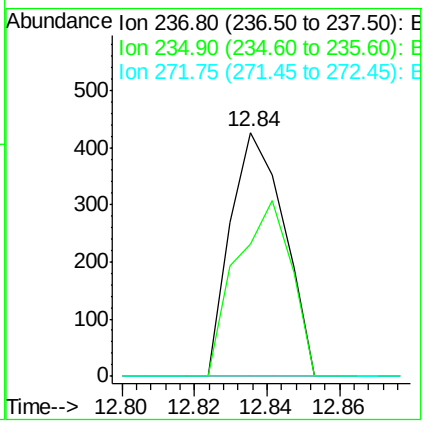




#40
Hexachlorocyclopentadiene
Concen: 0.51 ng
RT: 12.84 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:237 Resp: 437

Ion	Ratio	Lower	Upper
237	100		
235	54.0	43.2	83.2
272	0.0	0.0	33.2



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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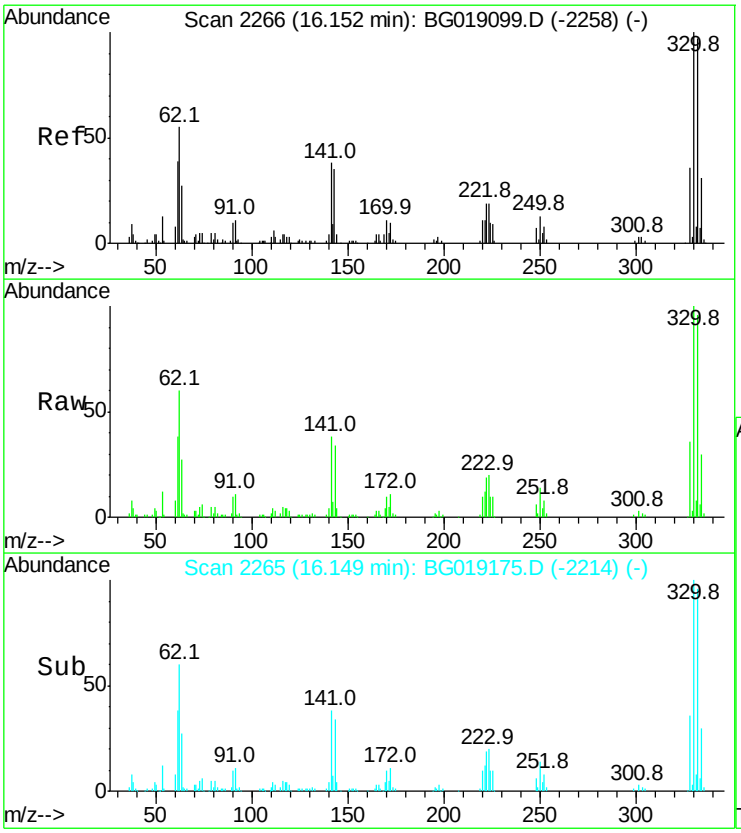
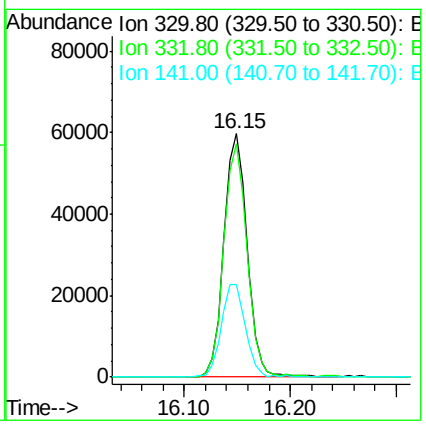
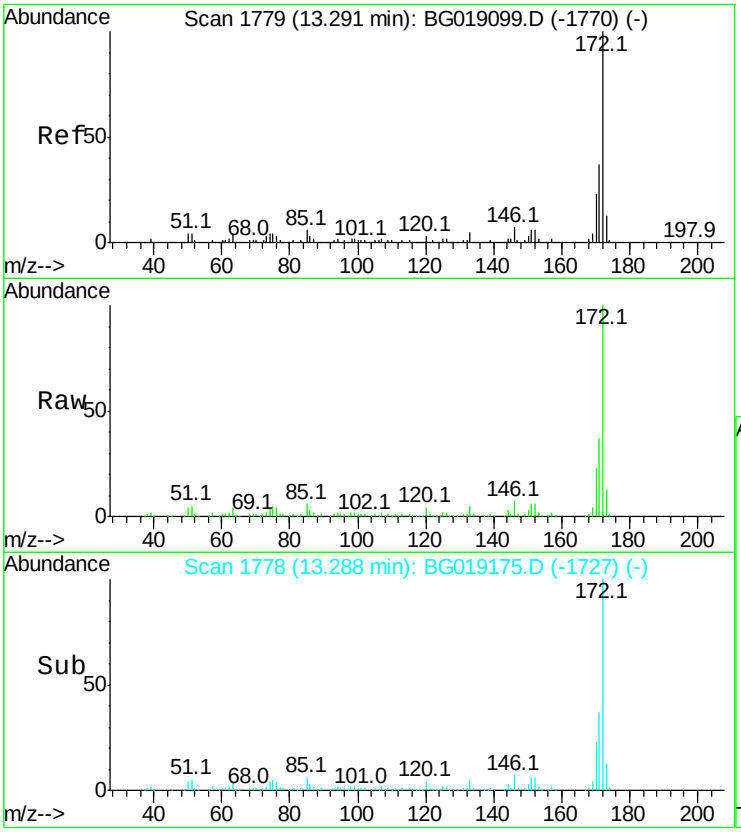


#41
2,4,6-Tribromophenol
Concen: 116.08 ng
RT: 16.15 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:330 Resp: 91034

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	39.4	30.7	46.1





#44
2-Fluorobiphenyl
Concen: 73.37 ng
RT: 13.29 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:172 Resp: 274607

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	23.2	18.6	27.8

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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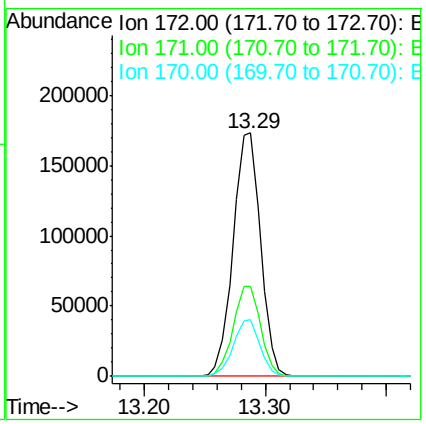
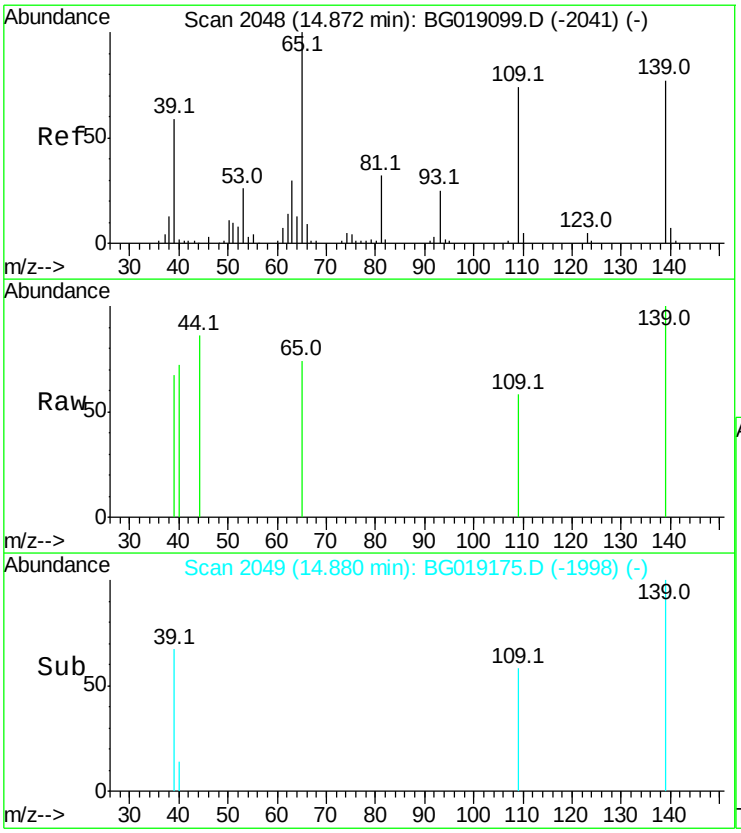
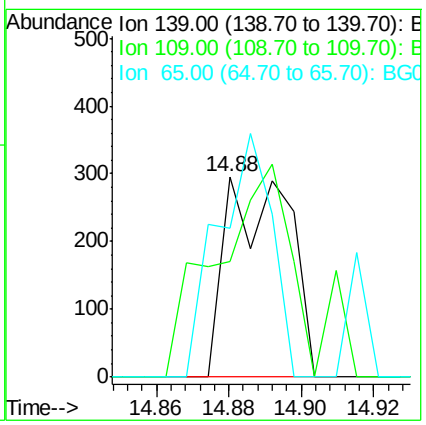


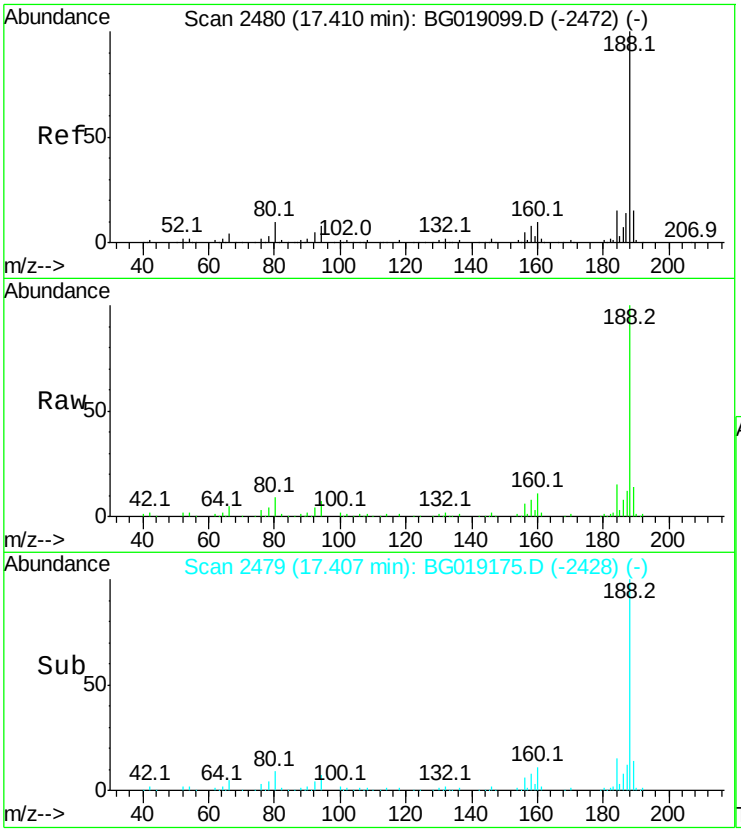


#55
4-Nitrophenol
Concen: 0.44 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:139 Resp: 359

Ion	Ratio	Lower	Upper
139	100		
109	57.8	76.8	116.8#
65	74.0	110.0	150.0#

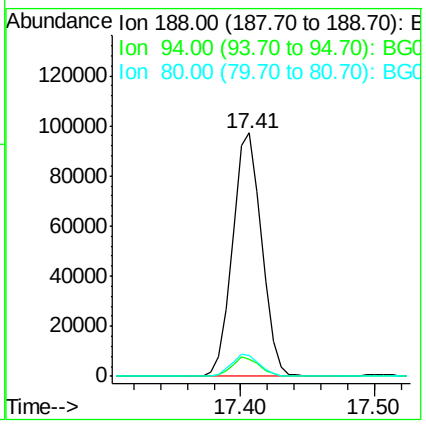




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:188 Resp: 146458

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.4	9.6
80	8.7	7.6	11.4



Instrument :
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ClientSampleId :
LOD-WATER2015-01

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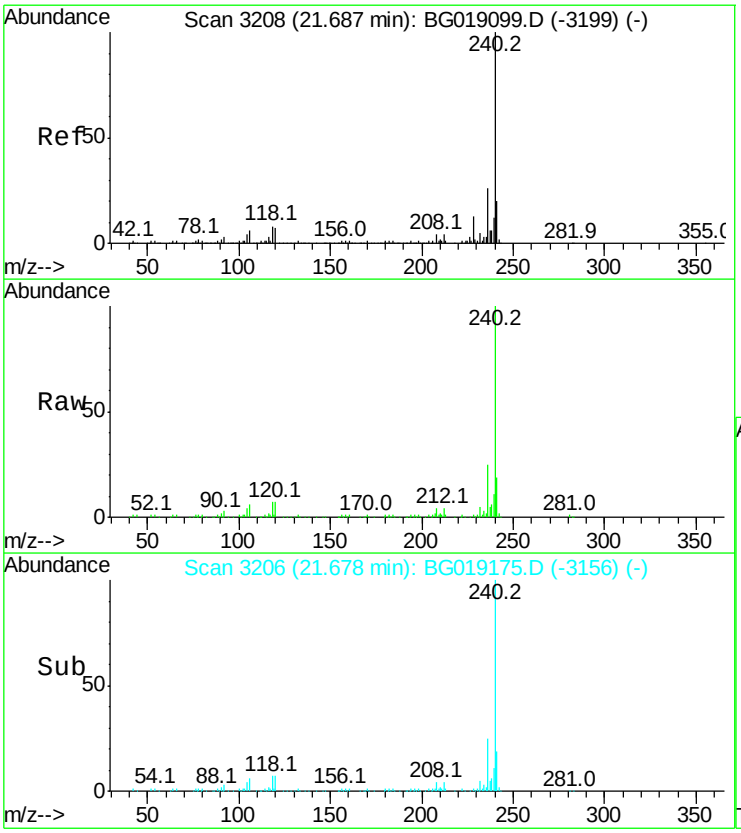
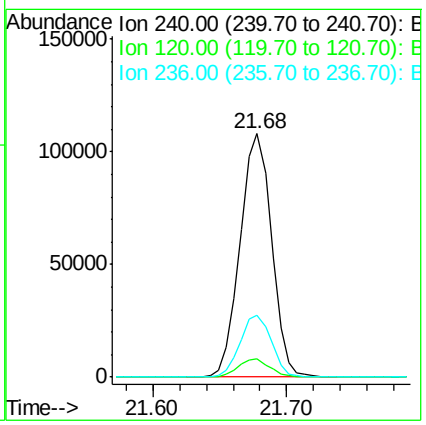
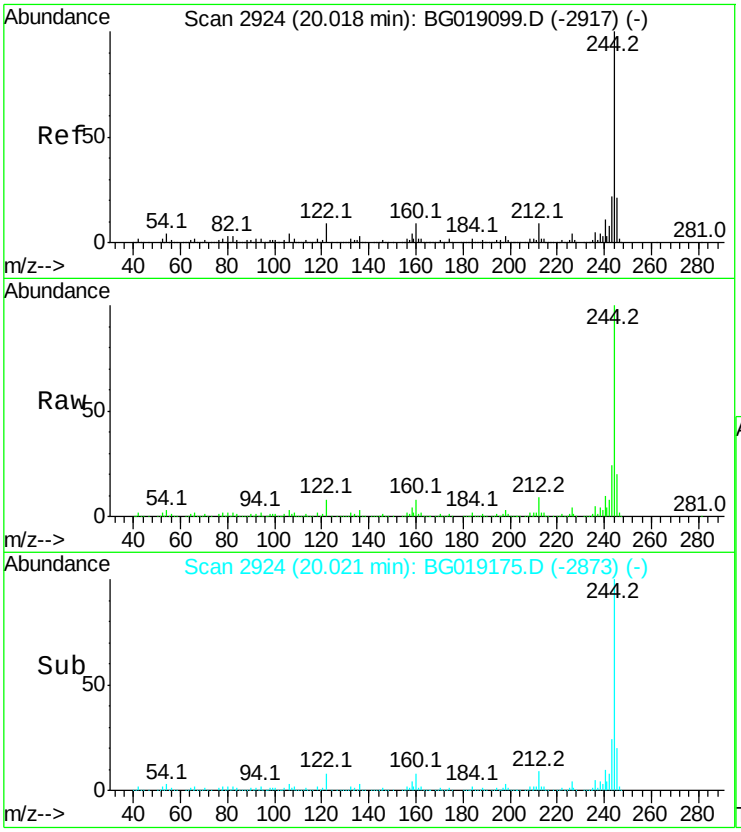


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:240 Resp: 176153

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.8	8.6
236	25.2	21.2	31.8

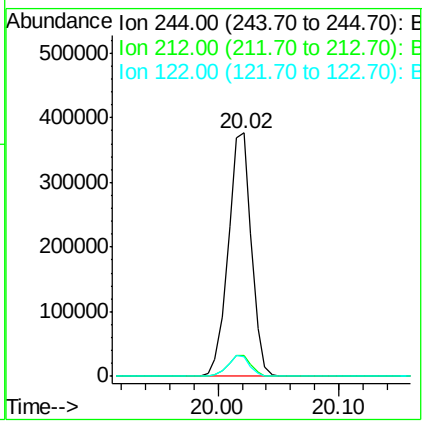




#78
Terphenyl-d14
Concen: 74.91 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:244 Resp: 499545

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.8	10.2
122	7.9	7.4	11.2



Instrument :
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ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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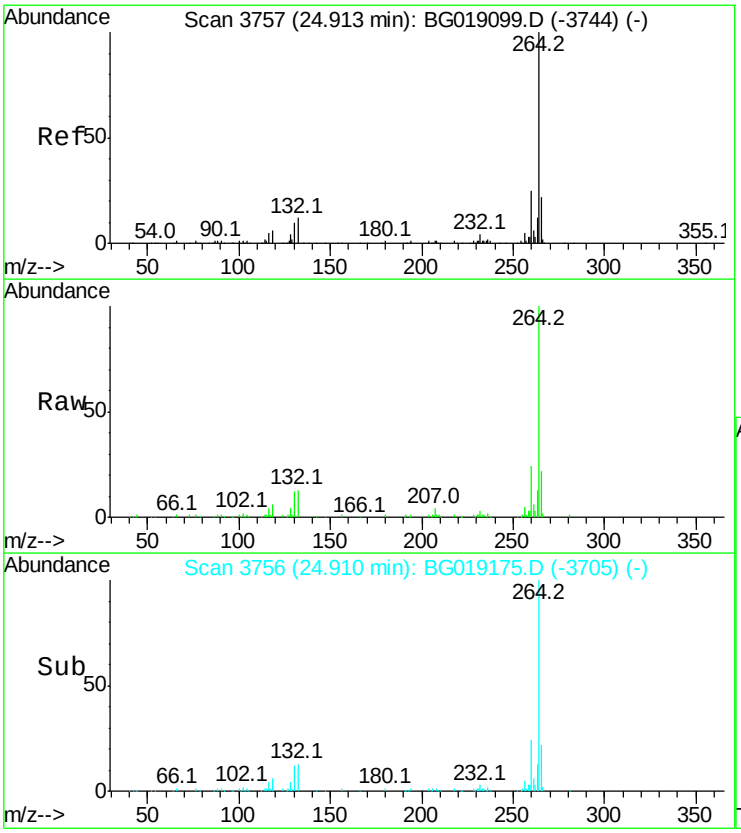
10/13/2015 1:26:51 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.00 min
Lab File: BG019175.D
Acq: 13 Oct 2015 2:10

Tgt Ion:264 Resp: 170131

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.1	30.1
265	22.4	17.2	25.8