Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024128.D
Acq On : 24 Sep 2016 17:45
Operator : UM/SJ
Sample : H4865-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WATER

Quant Time: Sep 26 00:52:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48503	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	221272	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	170153	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	367401	20.00	ng		0.00
75) Chrysene-d12	21.79	240	423163	20.00	ng		0.00
86) Perylene-d12	25.13	264	419502	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	139247	49.74	ng		0.00
7) Phenol-d6	7.22	99	132731	28.18	ng		0.01
23) Nitrobenzene-d5	9.22	82	365915	65.18	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	237306	97.03	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	675820	66.76	ng		0.00
78) Terphenyl-d14	20.09	244	390708	18.91	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.25	94	11198	2.26	ng		94
32) Benzoic acid	10.27	122	73	2.18	ng	#	75
40) Hexachlorocyclopentadiene	12.88	237	58	3.61	ng	#	57
49) Dimethylphthalate	14.16	163	453678	34.76	ng		100
53) 2,4-Dinitrophenol	14.85	184	57	2.49	ng	#	32
55) 4-Nitrophenol	14.80	139	223	5.44	ng		88
69) Pentachlorophenol	17.15	266	79	3.59	ng	#	18
73) Di-n-butylphthalate	18.43	149	61171	2.61	ng	#	94
83) Bis(2-ethylhexyl)phthalate	21.61	149	63903	4.92	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024128.D
Acq On : 24 Sep 2016 17:45
Operator : UM/SJ
Sample : H4865-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WATER

Quant Time: Sep 26 00:52:44 2016
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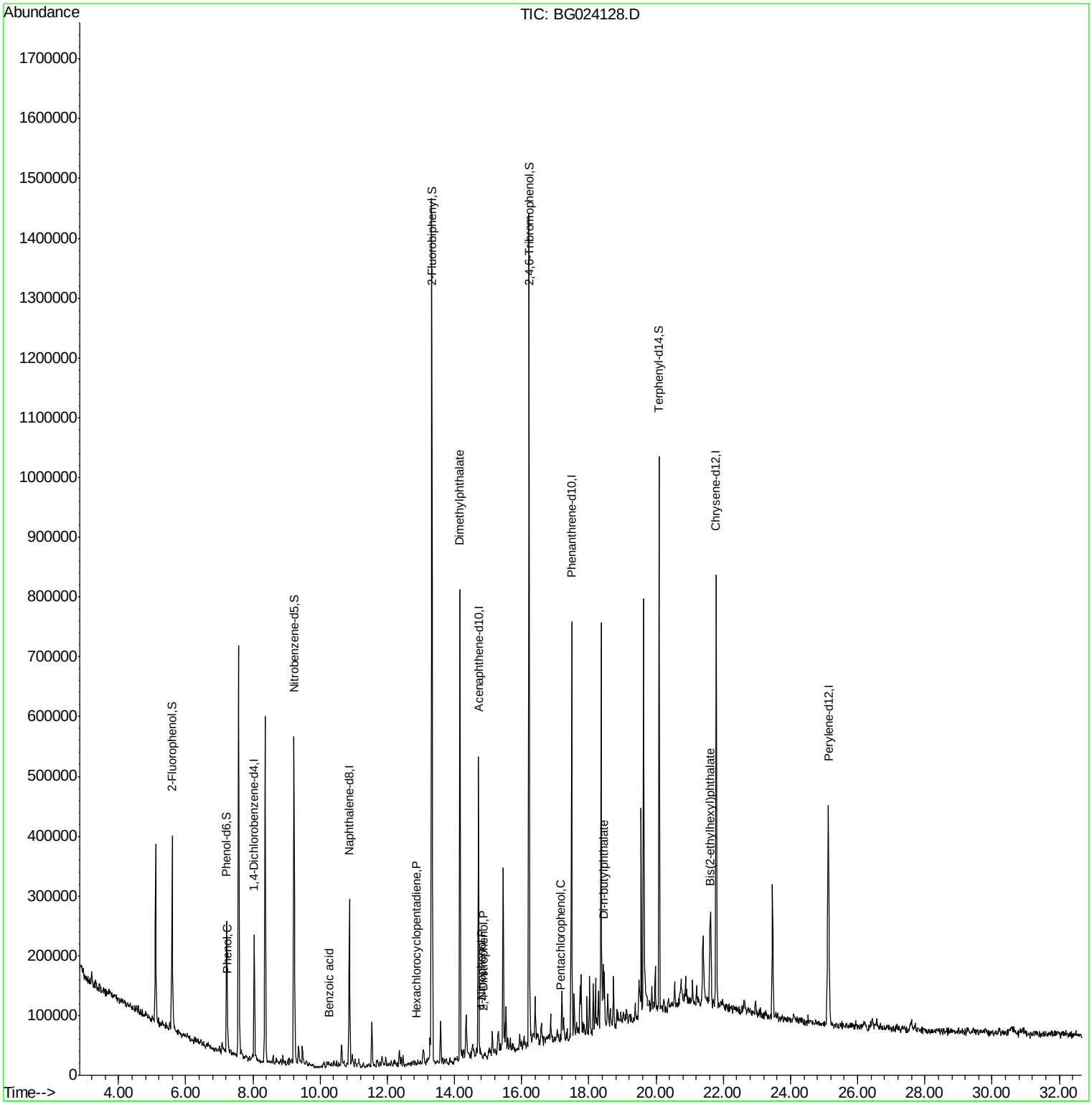
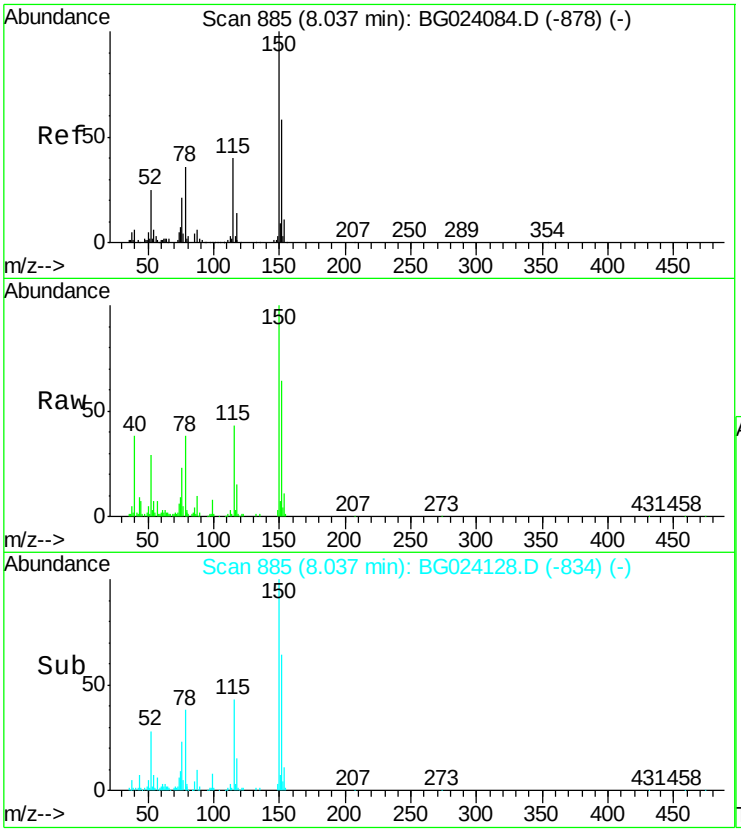
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration



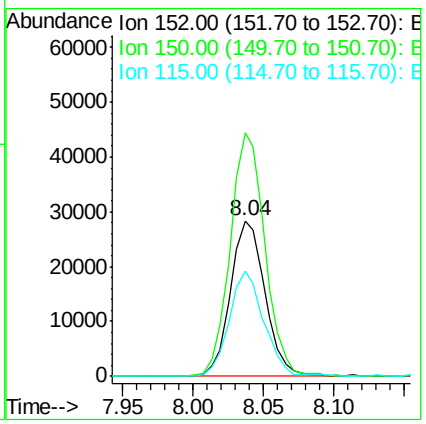


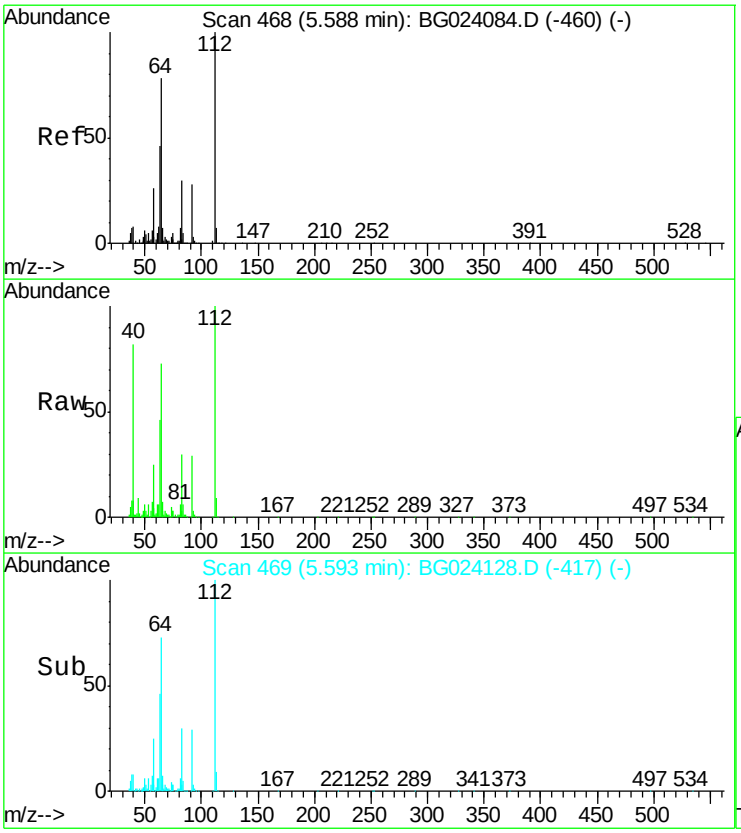
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion:152 Resp: 48503

Ion	Ratio	Lower	Upper
152	100		
150	156.5	144.7	217.1
115	67.9	64.0	96.0

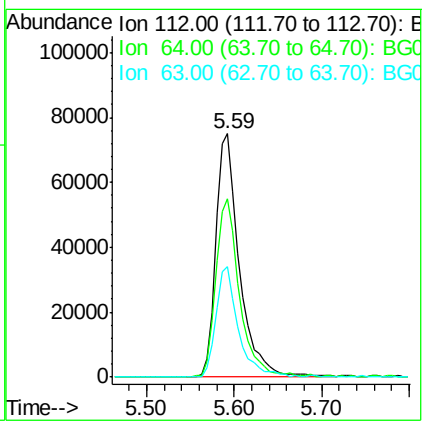


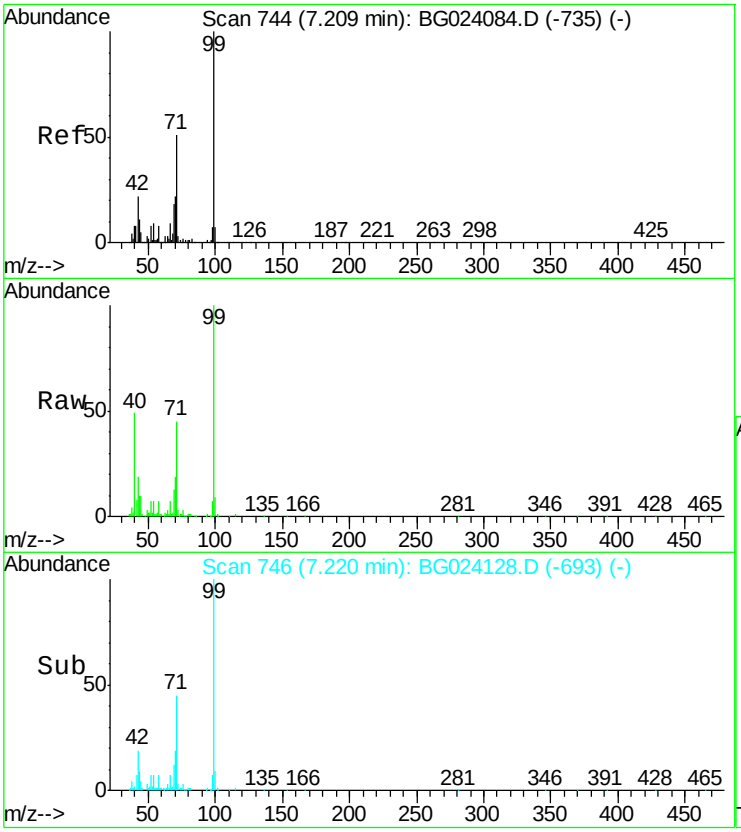


#5
2-Fluorophenol
Concen: 49.74 ng
RT: 5.59 min Scan# 469
Delta R.T. 0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion:112 Resp: 139247

Ion	Ratio	Lower	Upper
112	100		
64	73.1	59.0	88.4
63	45.5	37.8	56.8



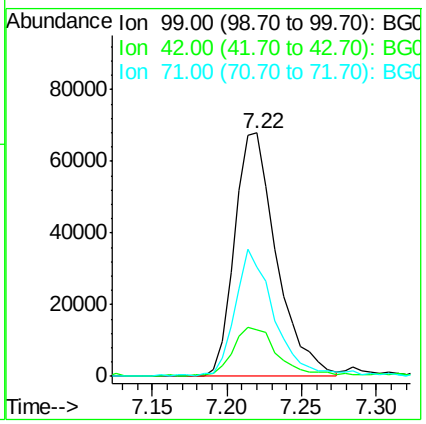


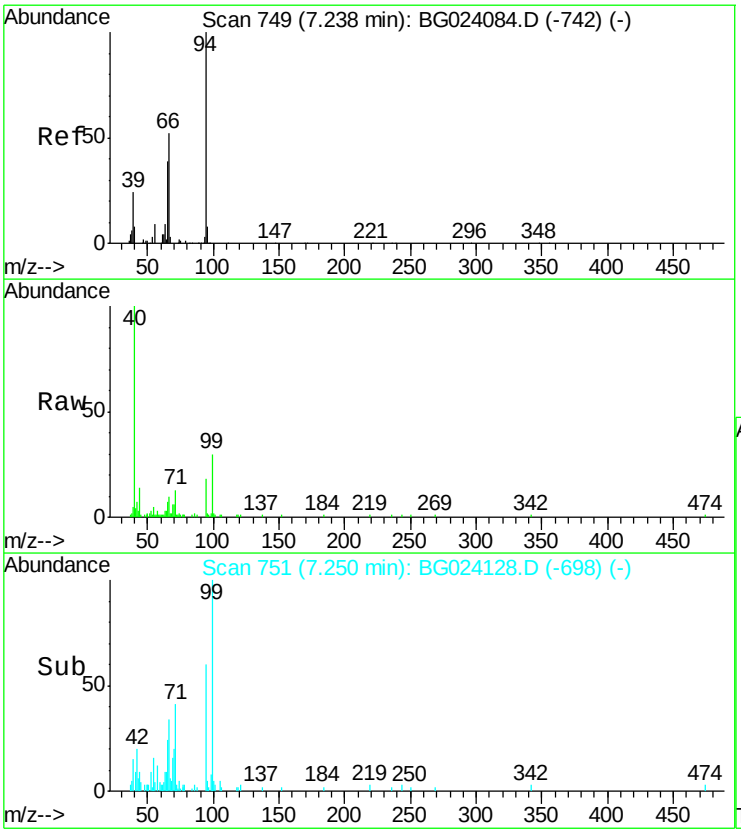
#7
Phenol-d6
Concen: 28.18 ng
RT: 7.22 min Scan# 746
Delta R.T. 0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion: 99 Resp: 132731

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.8	26.6
71	45.1	41.5	62.3

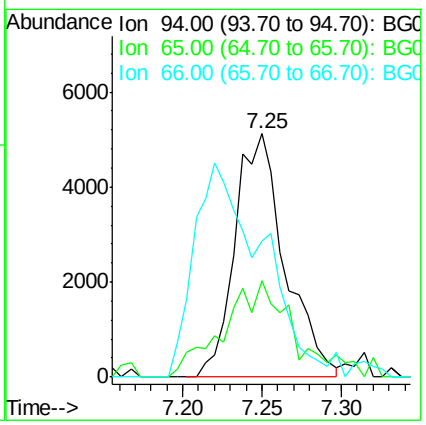


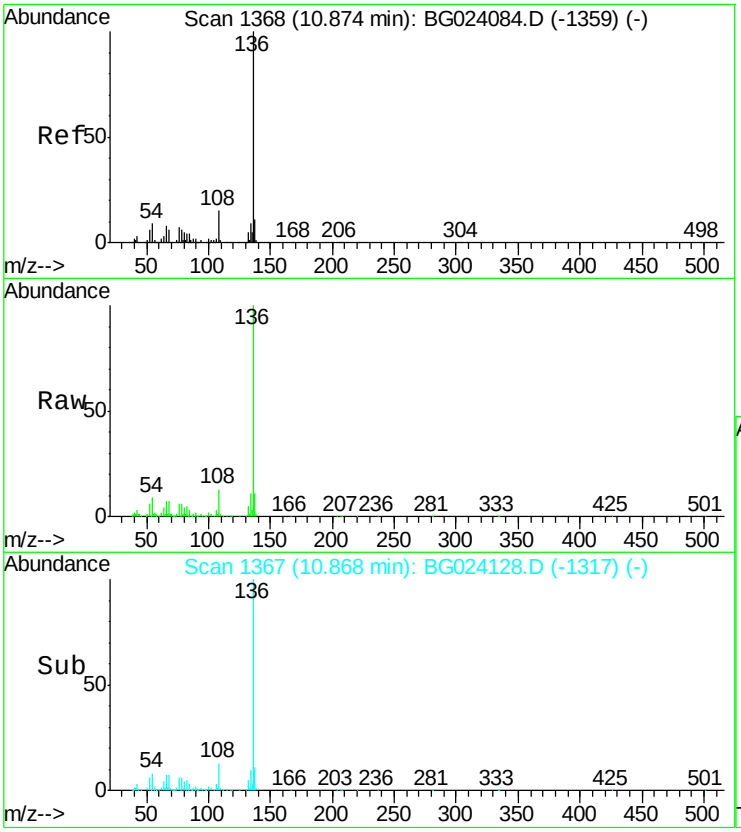


#10
Phenol
Concen: 2.26 ng
RT: 7.25 min Scan# 751
Delta R.T. 0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion: 94 Resp: 11198

Ion	Ratio	Lower	Upper
94	100		
65	39.5	18.1	58.1
66	55.7	42.1	82.1



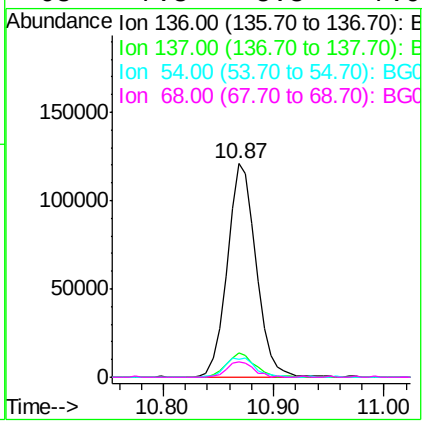


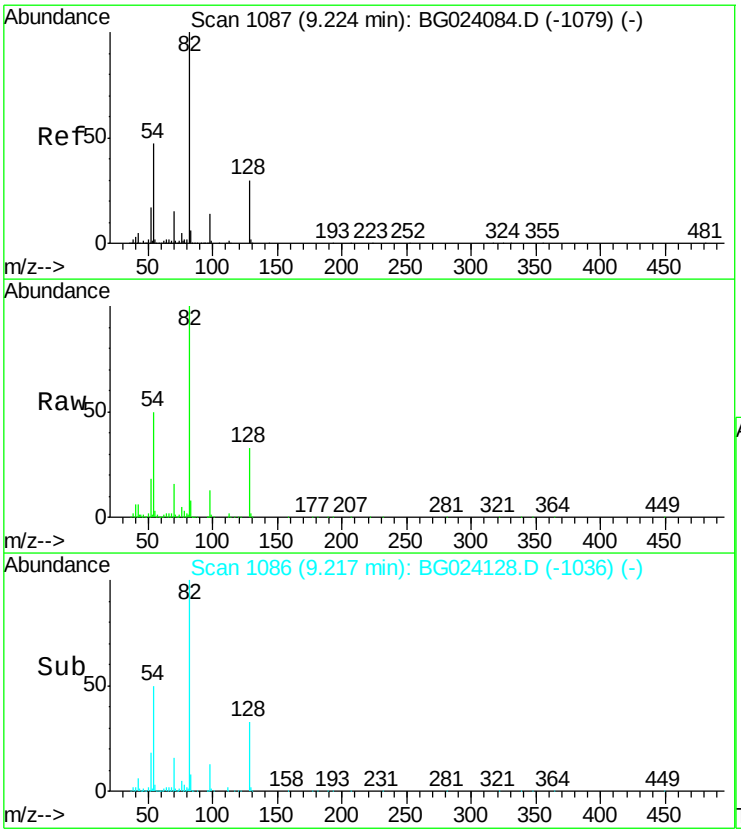
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion:136 Resp: 221272

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	8.6	7.3	10.9
68	7.3	5.3	7.9

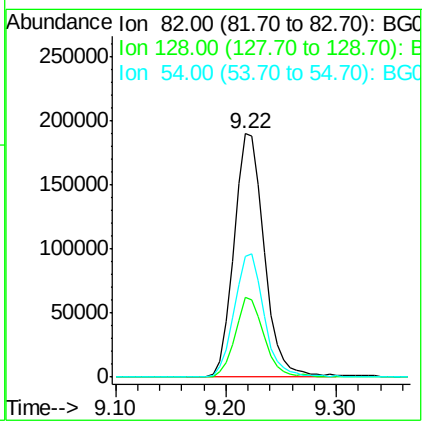


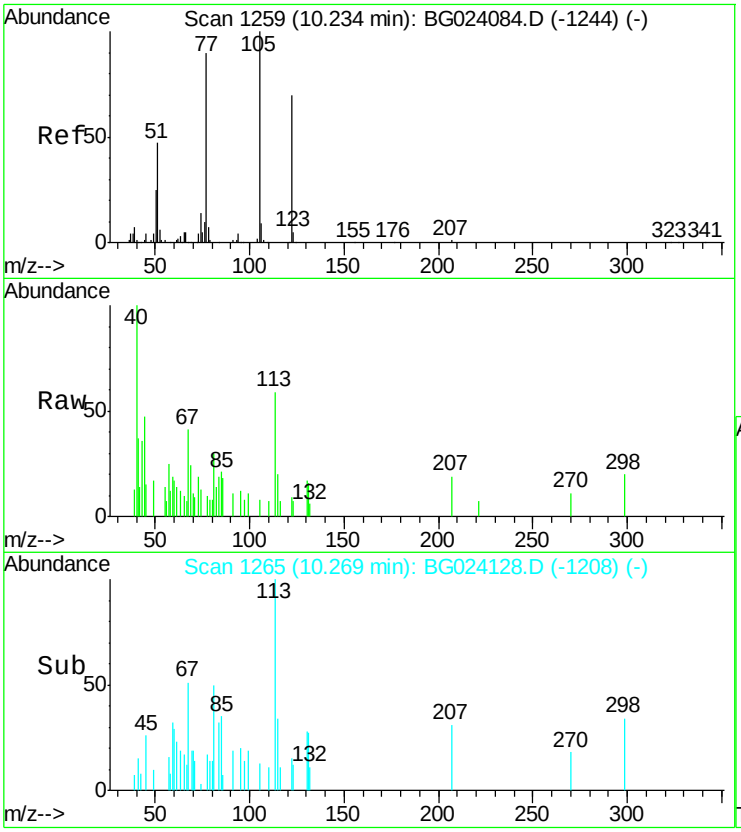


#23
Nitrobenzene-d5
Concen: 65.18 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion: 82 Resp: 365915

Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	49.7	41.4	62.0



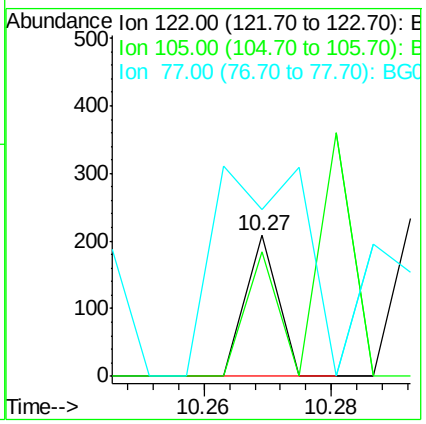


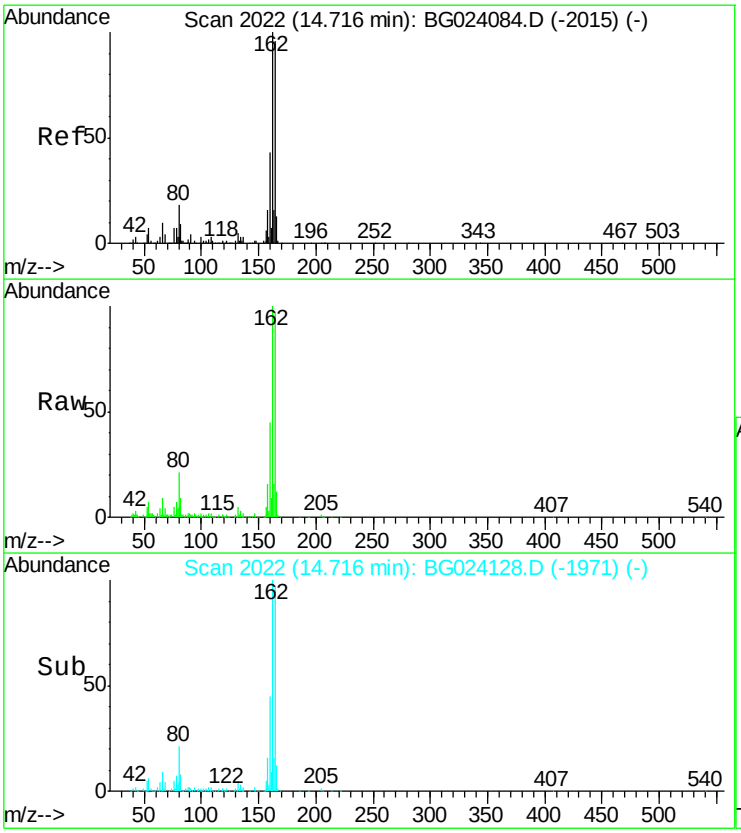
#32
Benzoic acid
Concen: 2.18 ng
RT: 10.27 min Scan# 1265
Delta R.T. 0.04 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion:122 Resp: 73

Ion	Ratio	Lower	Upper
122	100		
105	88.9	117.2	157.2#
77	118.3	109.2	149.2

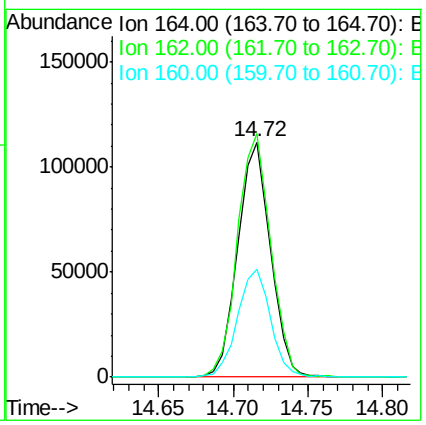


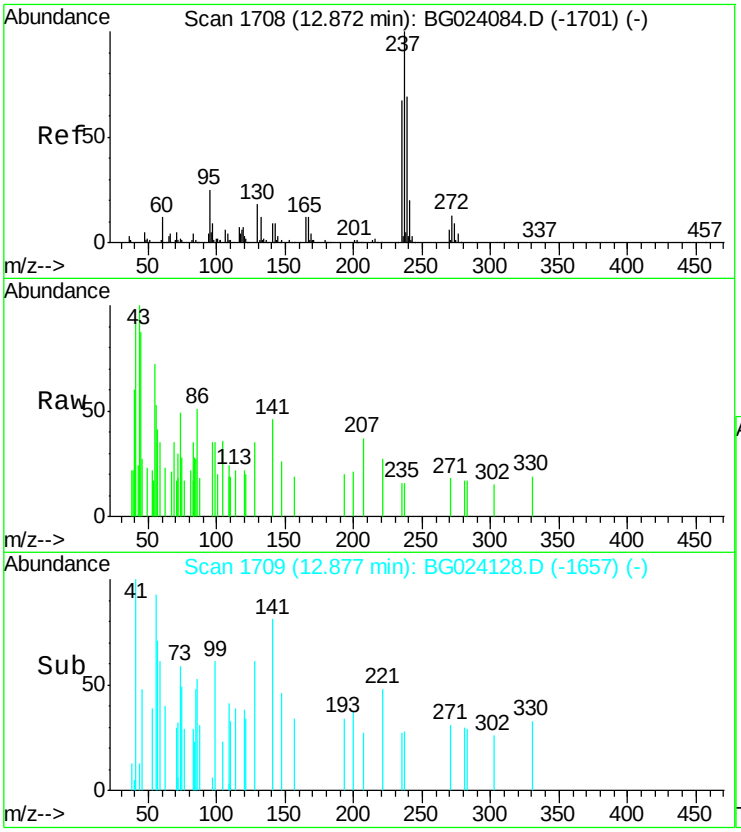


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion:164 Resp: 170153

Ion	Ratio	Lower	Upper
164	100		
162	103.6	87.7	131.5
160	46.2	37.2	55.8



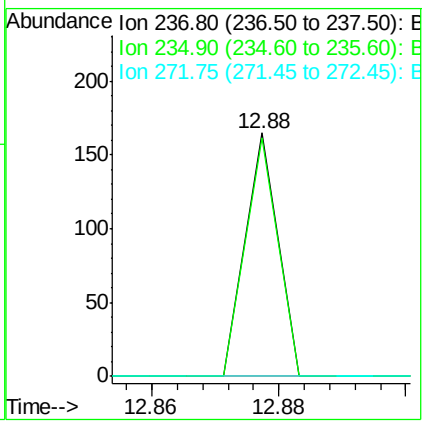


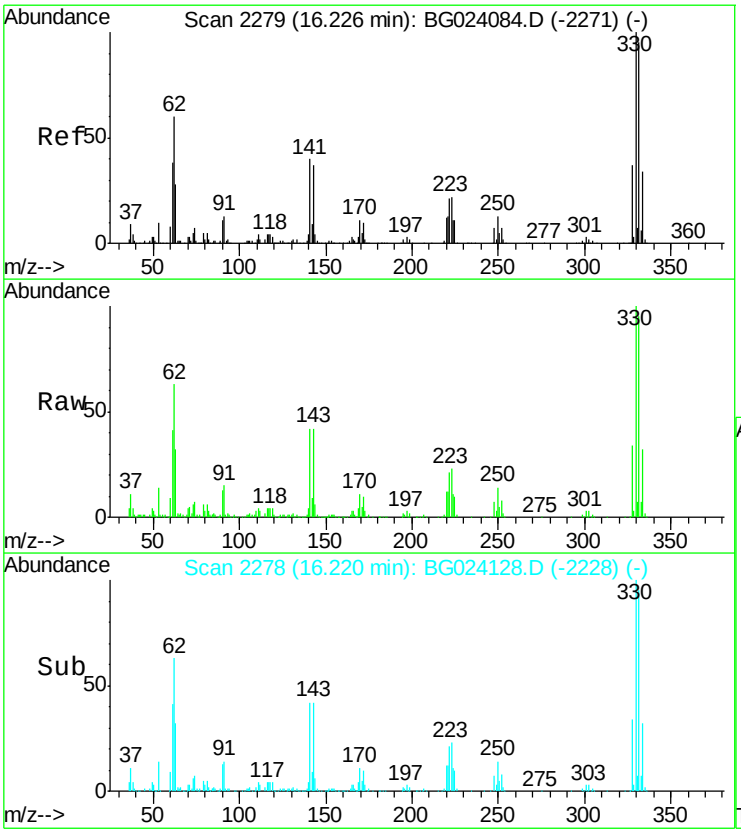
#40
Hexachlorocyclopentadiene
Concen: 3.61 ng
RT: 12.88 min Scan# 1709
Delta R.T. 0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion:237 Resp: 58

Ion	Ratio	Lower	Upper
237	100		
235	98.2	43.1	83.1#
272	0.0	0.0	30.9

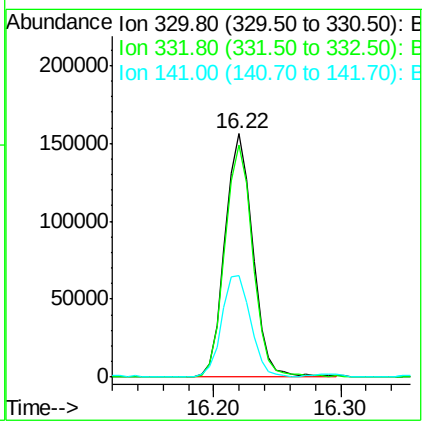


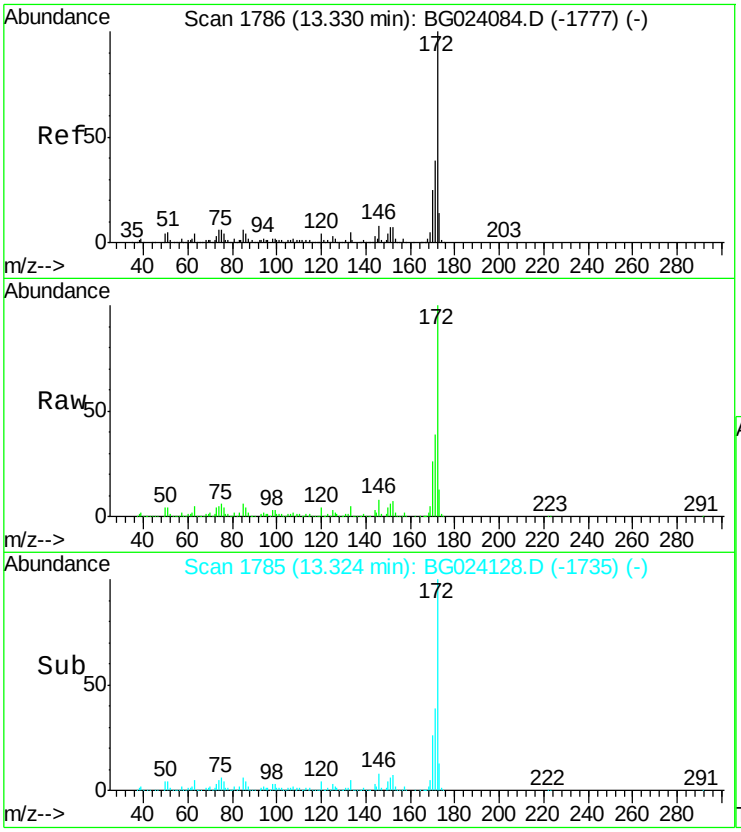


#41
2,4,6-Tribromophenol
Concen: 97.03 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion:330 Resp: 237306

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	43.5	31.7	47.5



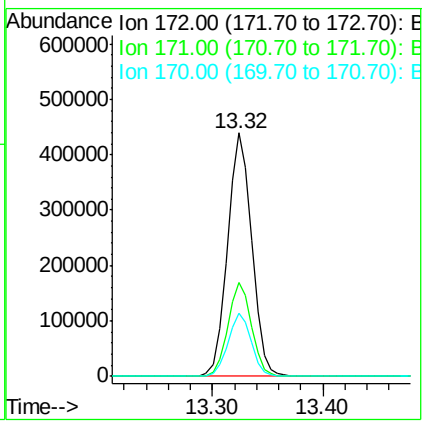


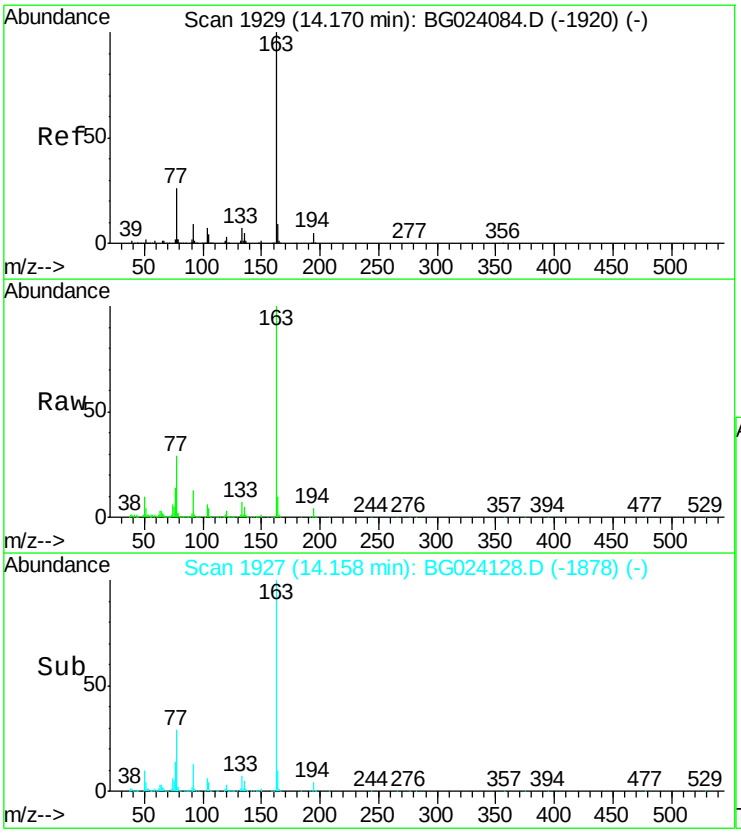
#44
2-Fluorobiphenyl
Concen: 66.76 ng
RT: 13.32 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion:172 Resp: 675820

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.6	47.4
170	25.9	21.3	31.9

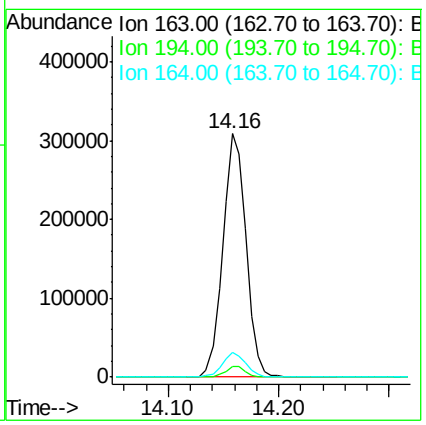


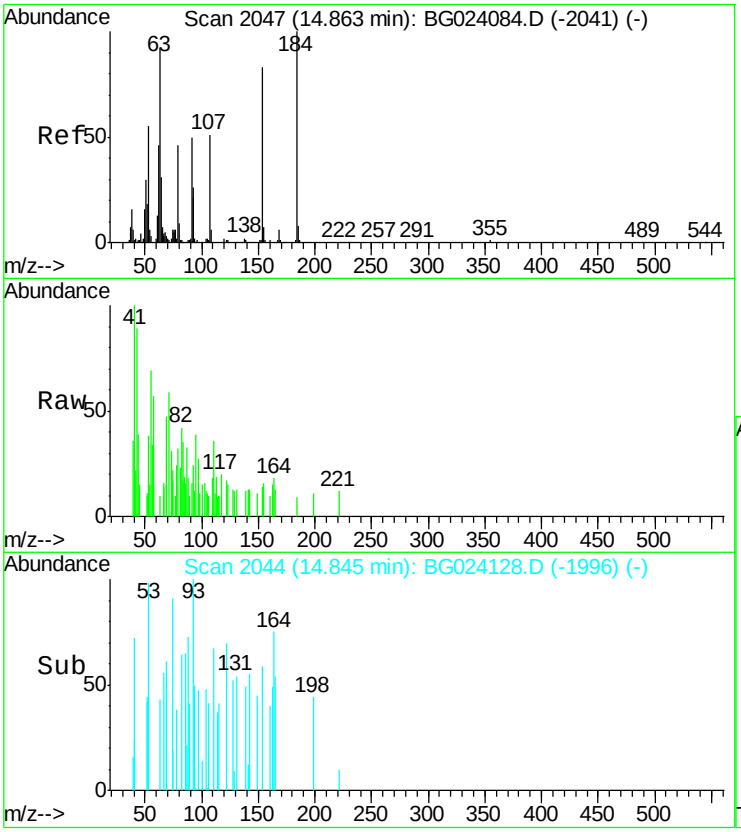


#49
Dimethylphthalate
Concen: 34.76 ng
RT: 14.16 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion:163 Resp: 453678

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.2	8.1	12.1



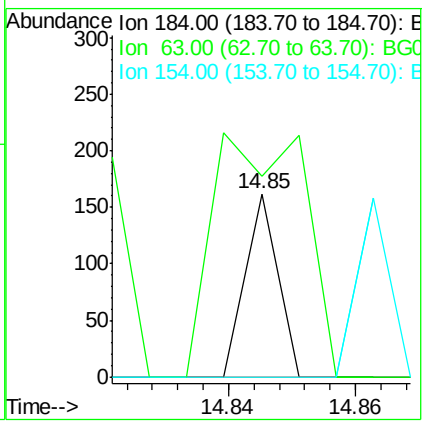


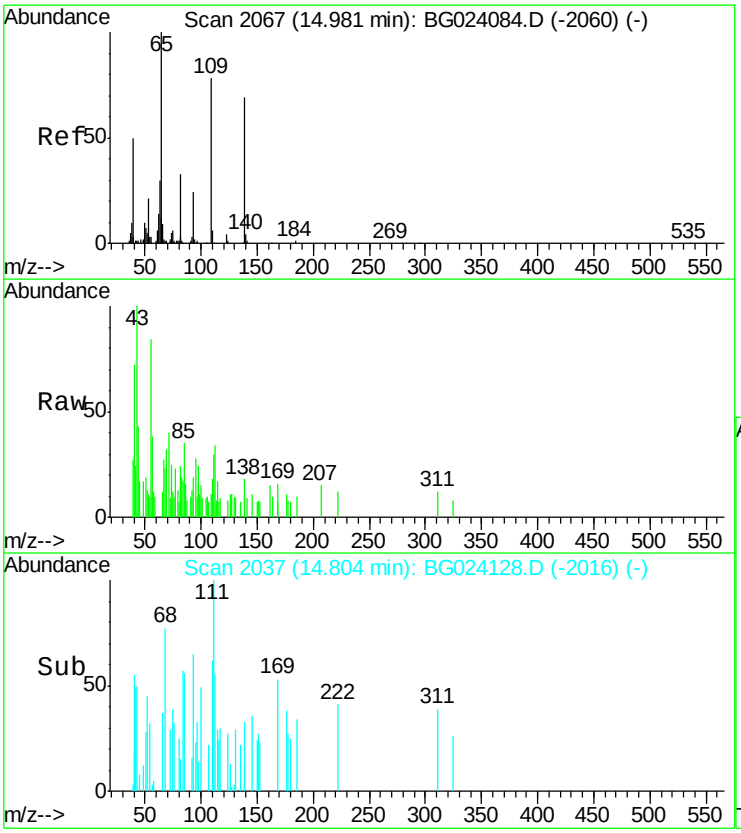
#53
2,4-Dinitrophenol
Concen: 2.49 ng
RT: 14.85 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion:184 Resp: 57

Ion	Ratio	Lower	Upper
184	100		
63	109.3	59.6	89.4#
154	0.0	67.4	101.0#

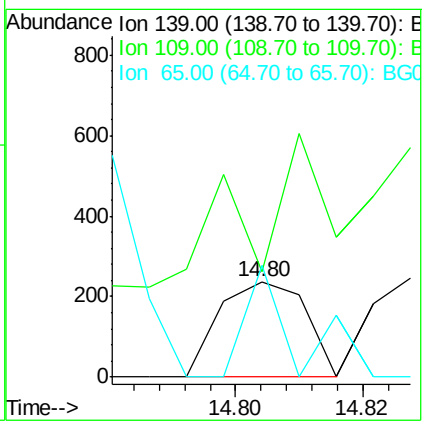


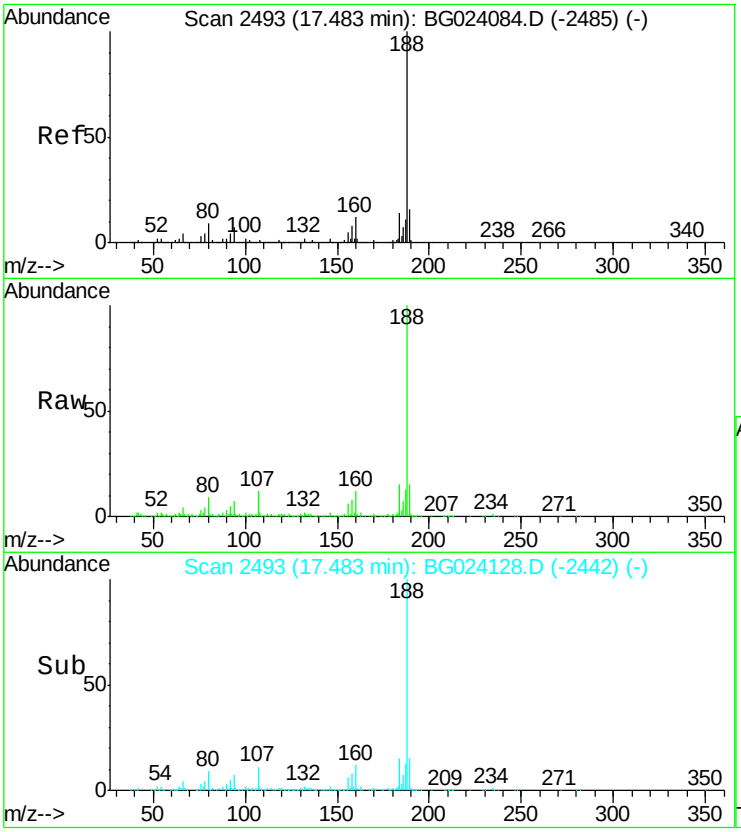


#55
4-Nitrophenol
Concen: 5.44 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.18 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion:139 Resp: 223

Ion	Ratio	Lower	Upper
139	100		
109	110.1	103.0	143.0
65	117.2	112.7	152.7



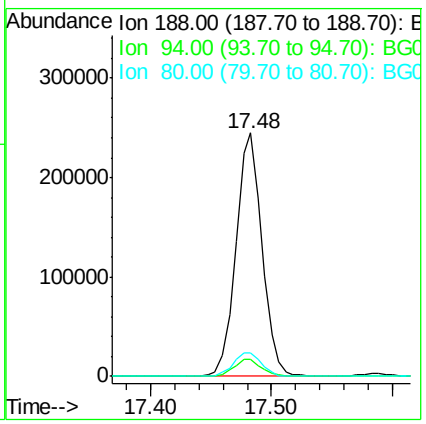


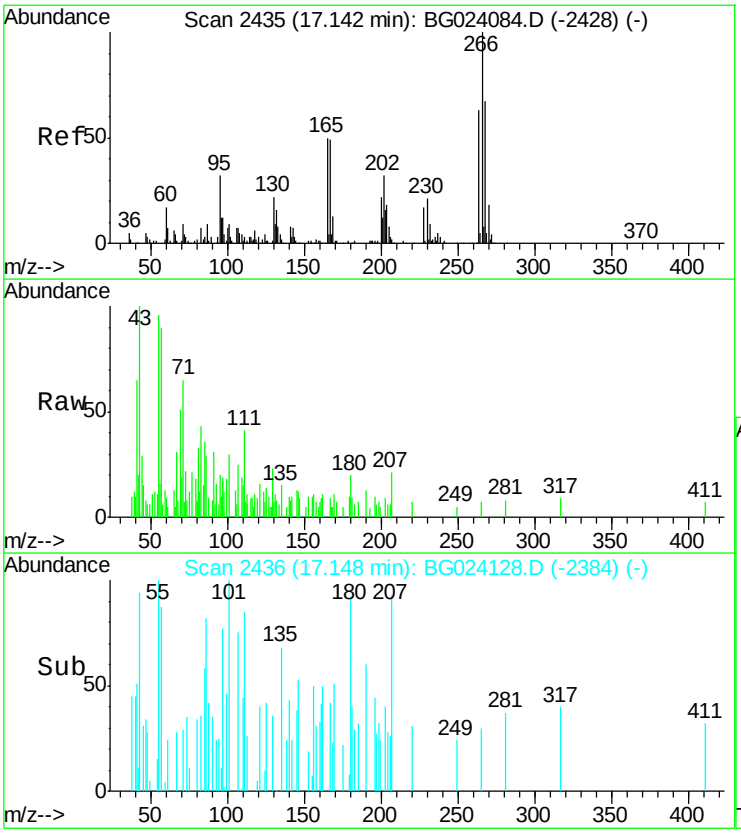
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion:188 Resp: 367401

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.2	7.8
80	9.4	7.2	10.8

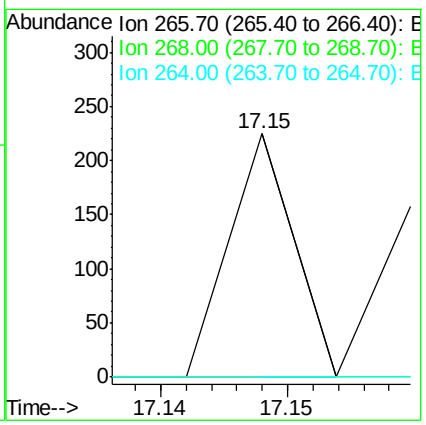


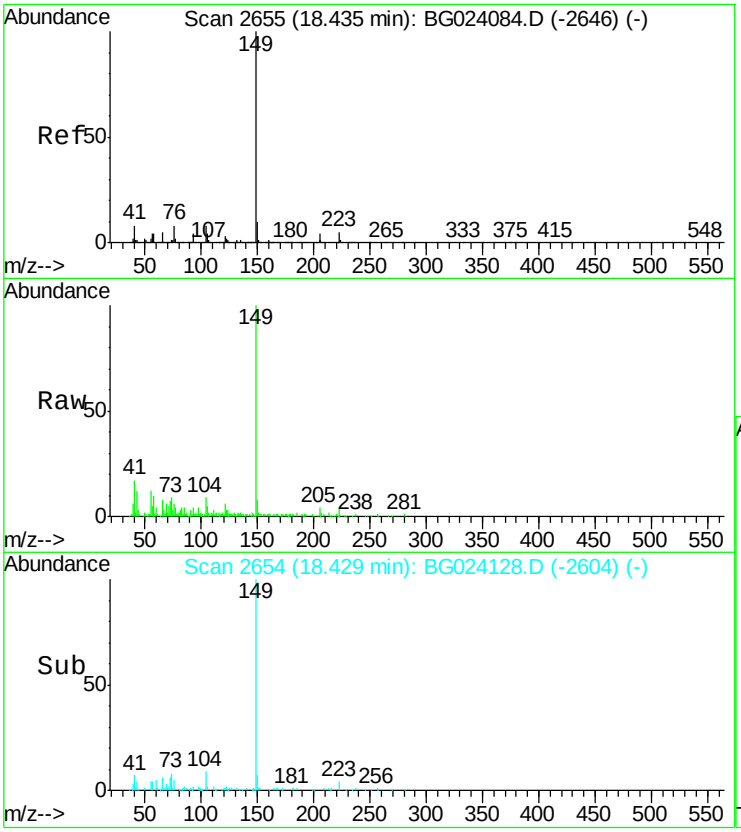


#69
Pentachlorophenol
Concen: 3.59 ng
RT: 17.15 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion:266 Resp: 79

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.9	77.9#
264	0.0	50.6	75.8#



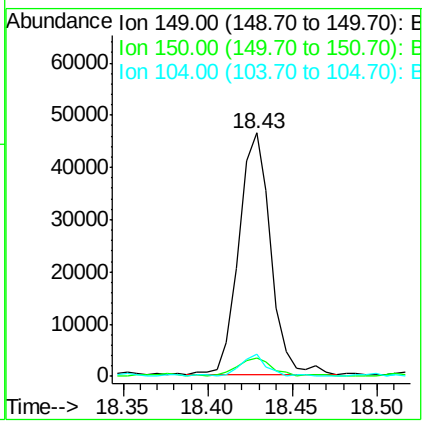


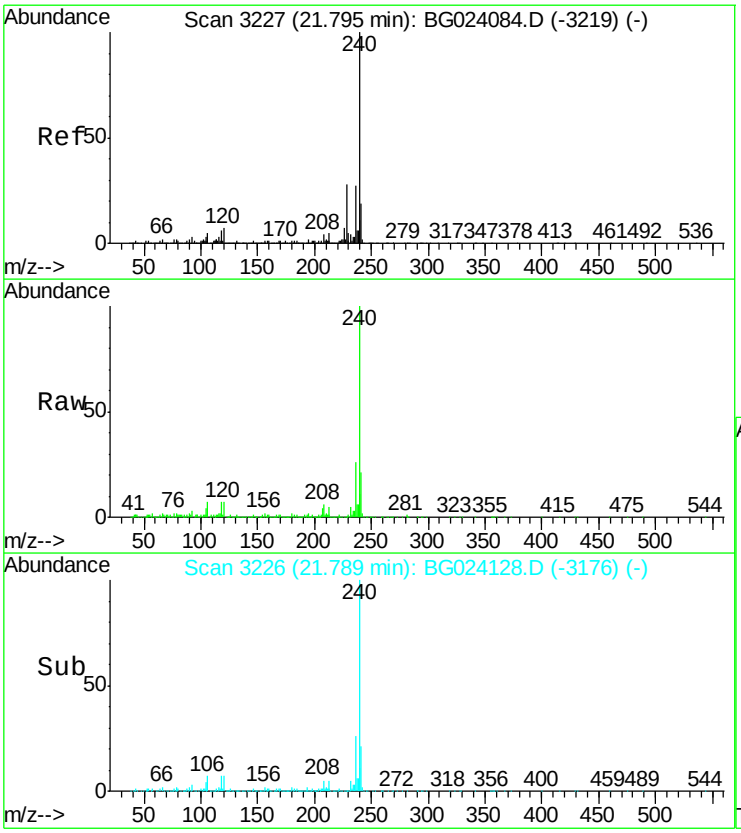
#73
Di-n-butylphthalate
Concen: 2.61 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion:149 Resp: 61171

Ion	Ratio	Lower	Upper
149	100		
150	7.8	9.1	13.7#
104	9.1	6.9	10.3

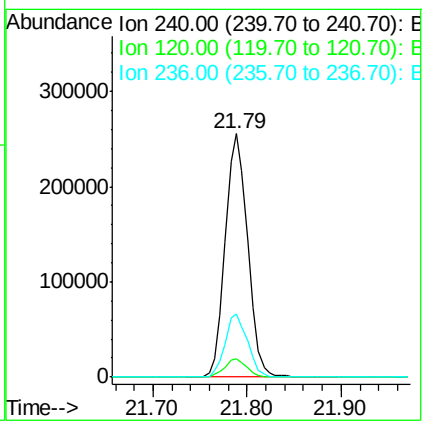


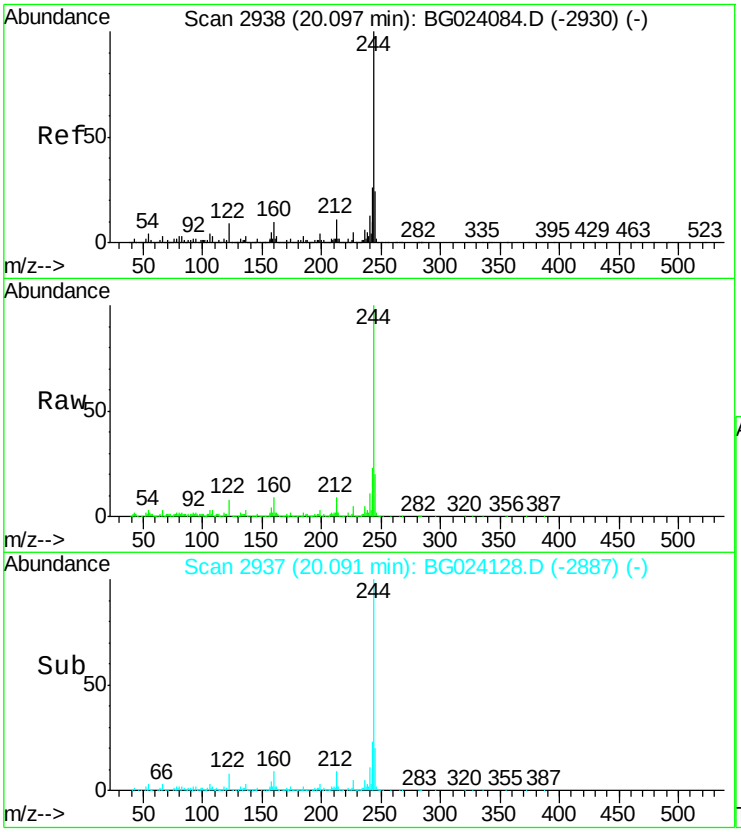


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion:240 Resp: 423163

Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.1	6.1#
236	25.8	21.1	31.7



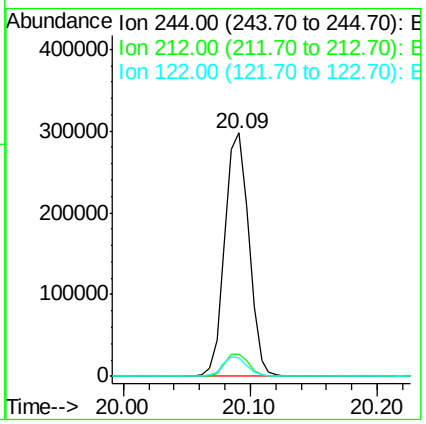


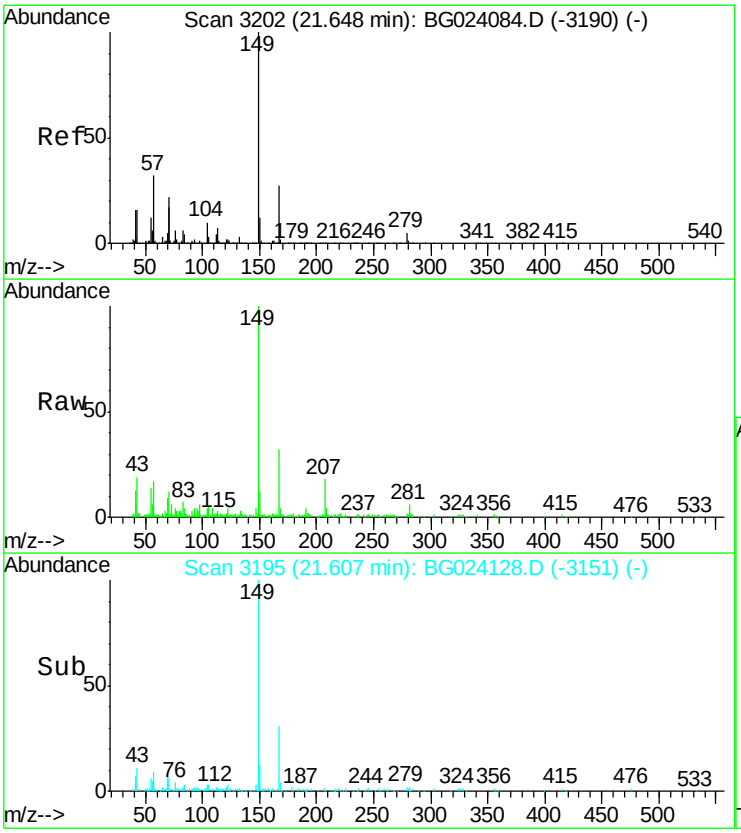
#78
Terphenyl-d14
Concen: 18.91 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion:244 Resp: 390708

Ion	Ratio	Lower	Upper
244	100		
212	9.1	10.8	16.2#
122	7.5	8.0	12.0#

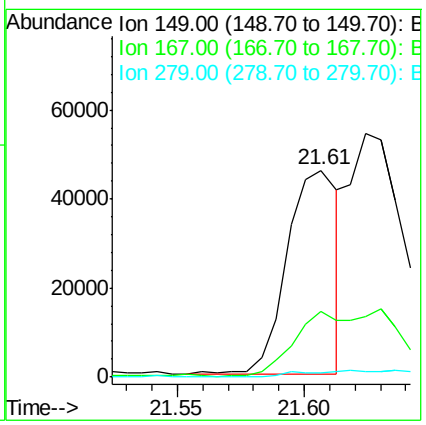


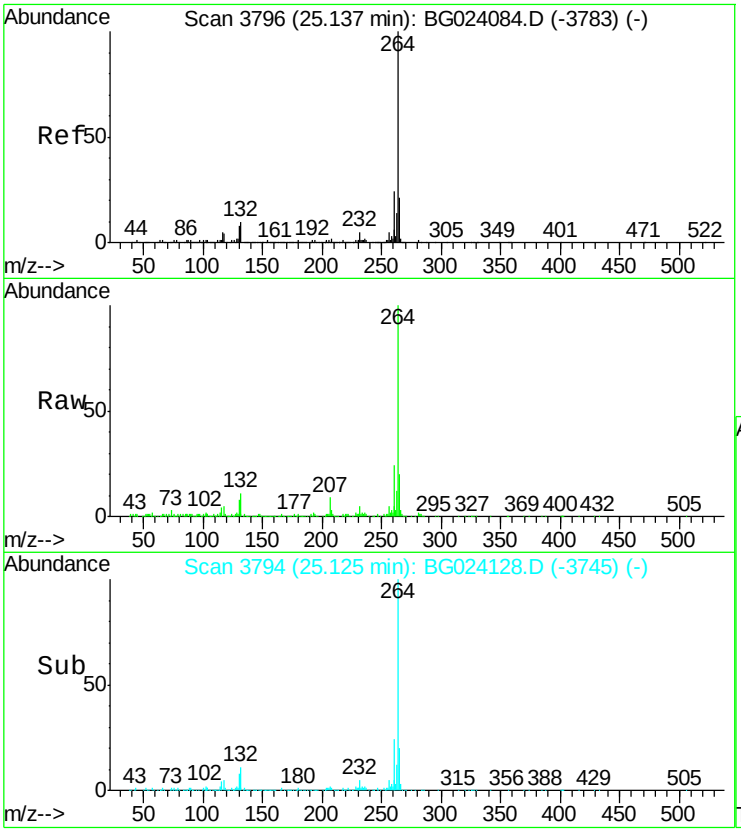


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.92 ng
RT: 21.61 min Scan# 3195
Delta R.T. -0.04 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion:149 Resp: 63903

Ion	Ratio	Lower	Upper
149	100		
167	31.7	24.0	36.0
279	1.8	4.8	7.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion:264 Resp: 419502

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	19.9	18.9	28.3