Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092316\
Data File : BE092422.D
Acq On : 23 Sep 2016 19:11
Operator : UM/SJ
Sample : H4818-06
Misc : LOO
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-WATER2016-06-QT4

Quant Time: Sep 23 23:03:44 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8389	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	33184	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	22249	5.00	ng	0.02
18) Phenanthrene-d10	17.58	188	45230	5.00	ng	0.02
24) Chrysene-d12	21.75	240	55636	5.00	ng	0.00
31) Perylene-d12	24.12	264	56184	5.00	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	16148	8.16	ng	-0.02
5) Phenol-d6	7.34	99	19701	6.99	ng	-0.02
8) Nitrobenzene-d5	9.36	82	7707	3.28	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	3817	4.90	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	21114	4.01	ng	0.00
26) Terphenyl-d14	20.19	244	28135	4.08	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	5	Below Cal	#	19
3) n-Nitrosodimethylamine	3.77	42	17	0.20	ng	# 7
6) bis(2-Chloroethyl)ether	7.68	93	22	0.10	ng	# 1
9) Naphthalene	11.01	128	7	0.00	ng	# 1
11) 2-Methylnaphthalene	12.69	142	1	0.00	ng	# 58
15) Acenaphthylene	14.54	152	16	0.00	ng	# 1
16) Acenaphthene	14.82	154	81	0.02	ng	# 1
17) Fluorene	15.90	166	6	0.00	ng	# 52
19) Hexachlorobenzene	16.89	284	6	0.00	ng	# 39
20) Pentachlorophenol	17.23	266	6	0.19	ng	# 72
21) Phenanthrene	17.58	178	48	0.00	ng	# 1
22) Anthracene	17.74	178	3	0.00	ng	# 61
23) Fluoranthene	19.66	202	775	0.02	ng	# 96
25) Pyrene	20.02	202	74	0.00	ng	# 50
27) Benzo(a)anthracene	21.75	228	1122	0.02	ng	# 63
28) Chrysene	21.75	228	1166	0.02	ng	# 71
29) Bis(2-ethylhexyl)phthalate	21.66	149	122	0.03	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.60	276	4	0.00	ng	# 50
32) Benzo(b)fluoranthene	23.40	252	52	0.00	ng	# 1
33) Benzo(k)fluoranthene	23.40	252	57	0.00	ng	# 1
34) Benzo(a)pyrene	24.01	252	19	0.00	ng	# 1
35) Dibenzo(a,h)anthracene	26.62	278	2	0.00	ng	# 1
36) Benzo(g,h,i)perylene	27.37	276	8	0.00	ng	# 1

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

Quantitation Report (Not Reviewed)

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Misc : LOO
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Instrument :
BNA_E
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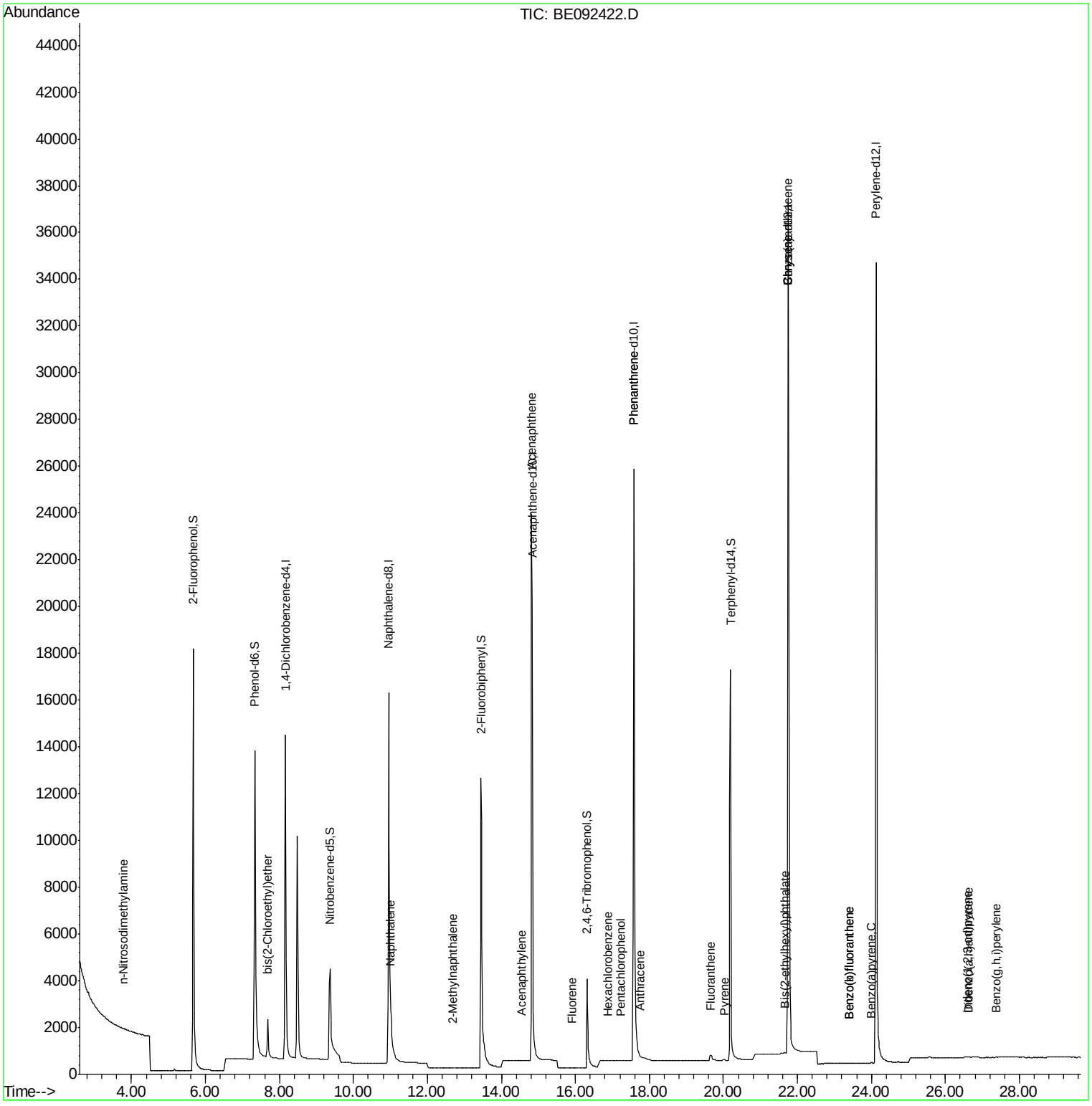
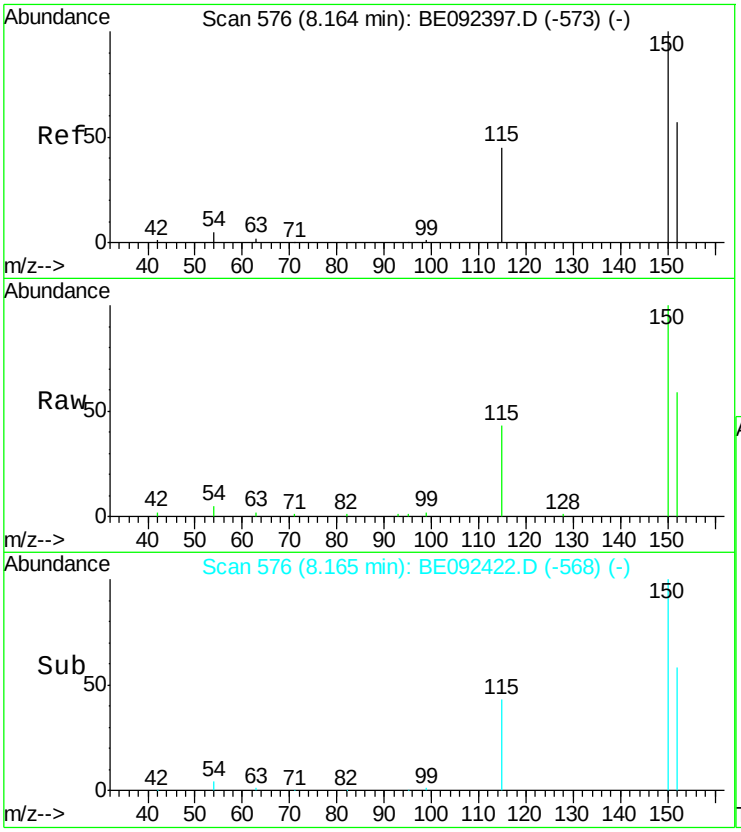
LOQ-WATER2016-06-QT4

Quant Time: Sep 23 23:03:44 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration



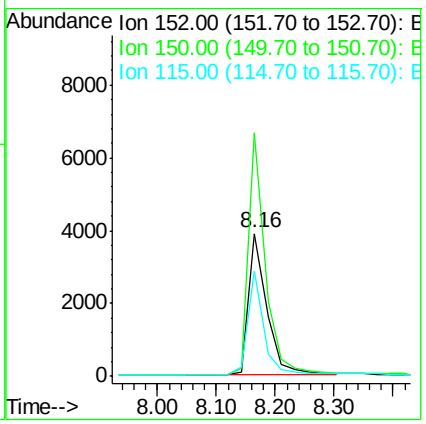


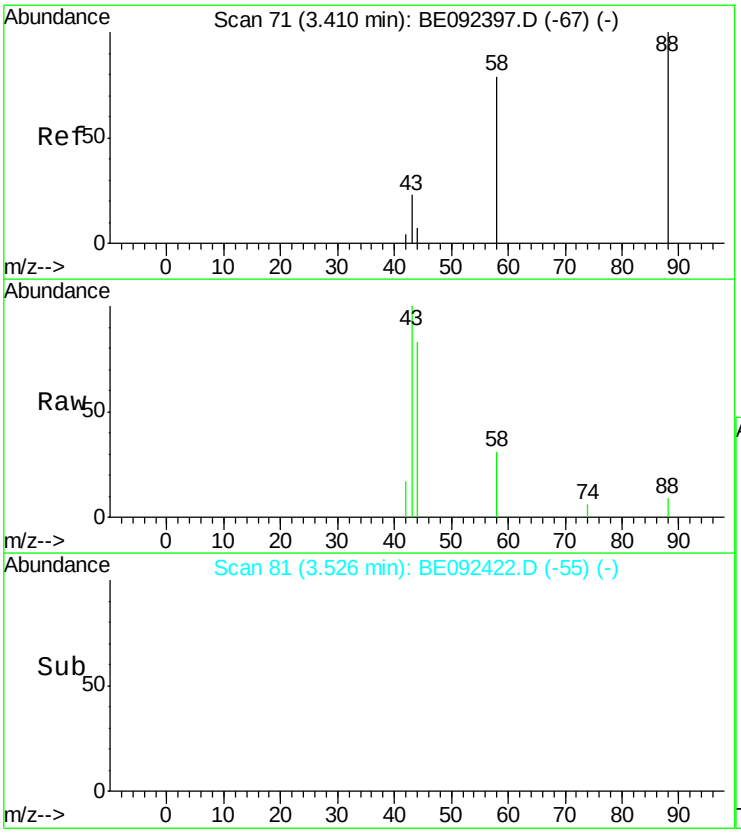
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:152 Resp: 8389

Ion	Ratio	Lower	Upper
152	100		
150	170.2	106.0	159.0#
115	73.6	31.2	46.8#

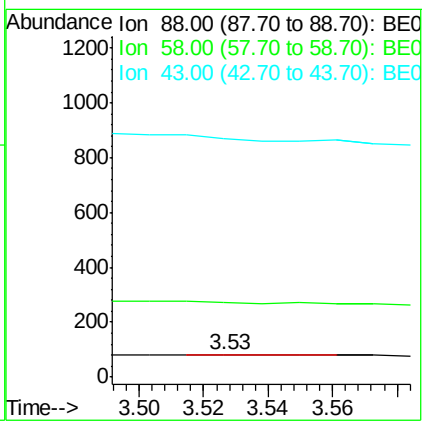


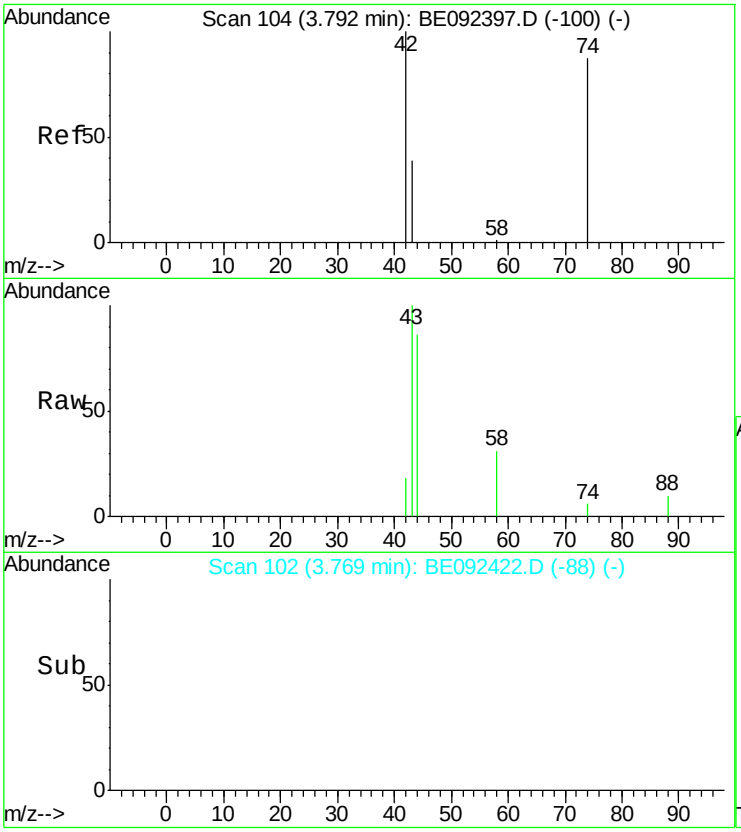


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.53 min Scan# 81
Delta R.T. 0.11 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion: 88 Resp: 5

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.6	95.4#
43	0.0	28.0	42.0#



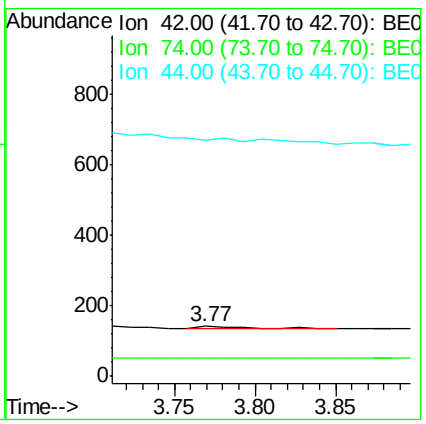


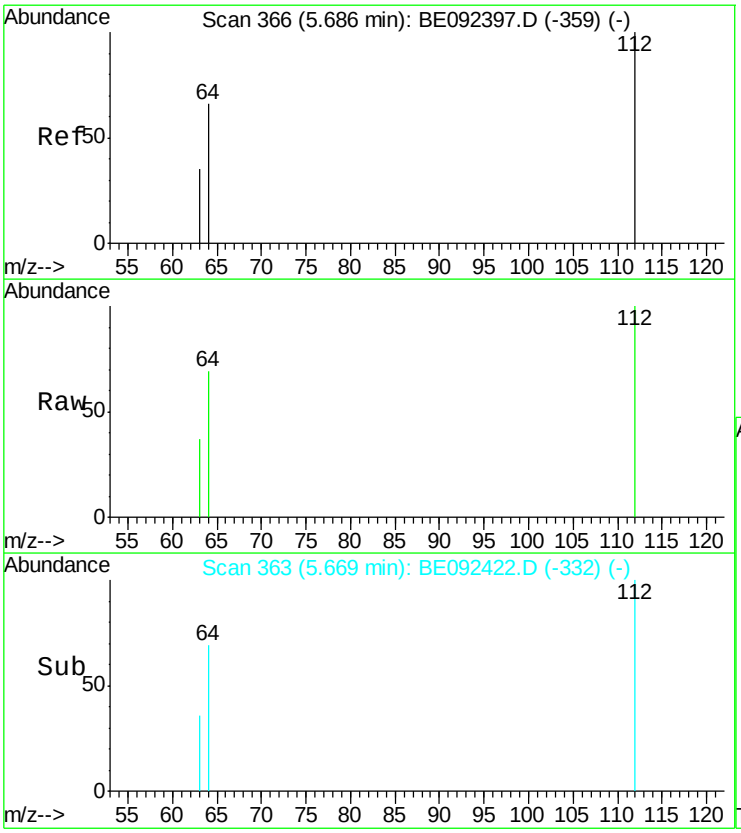
#3
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.77 min Scan# 102
Delta R.T. -0.03 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion: 42 Resp: 17

Ion	Ratio	Lower	Upper
42	100		
74	5.9	86.0	129.0#
44	0.0	5.1	7.7#

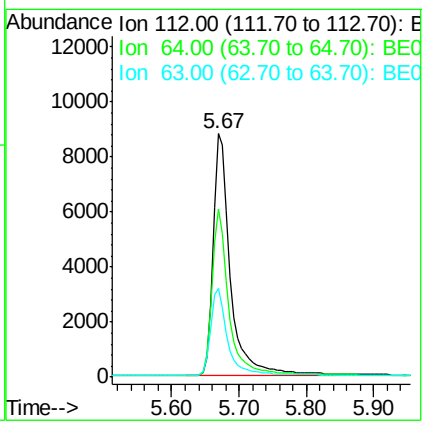


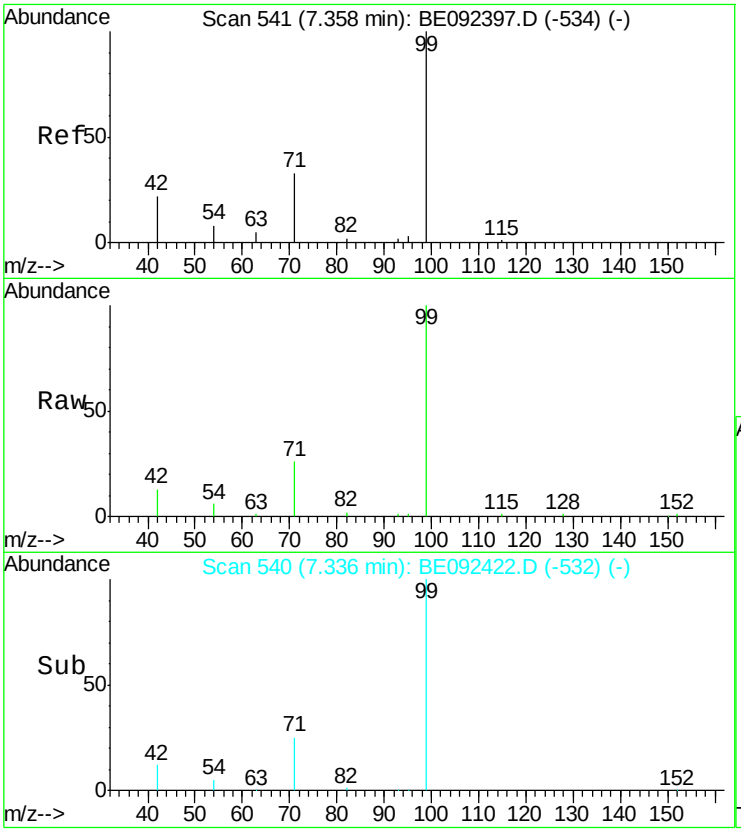


#4
2-Fluorophenol
Concen: 8.16 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:112 Resp: 16148

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.5	80.3
63	35.8	27.9	41.9



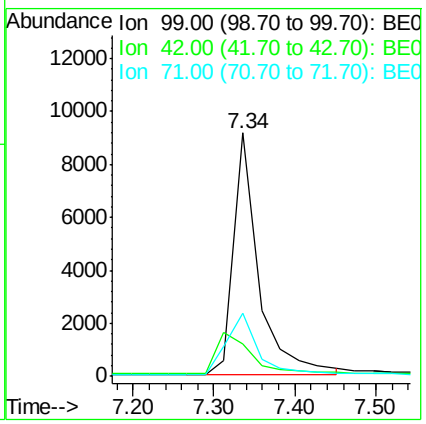


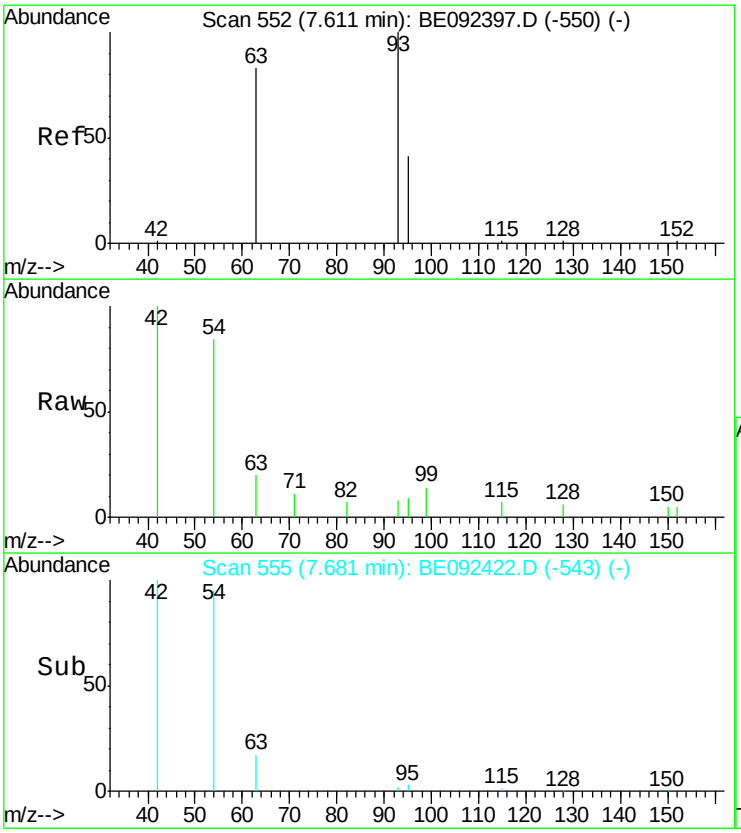
#5
Phenol-d6
Concen: 6.99 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion: 99 Resp: 19701

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	32.4	30.6	45.8

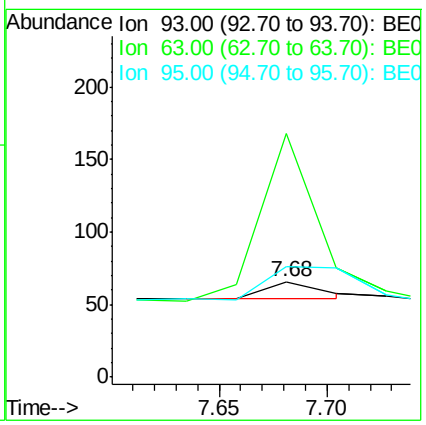


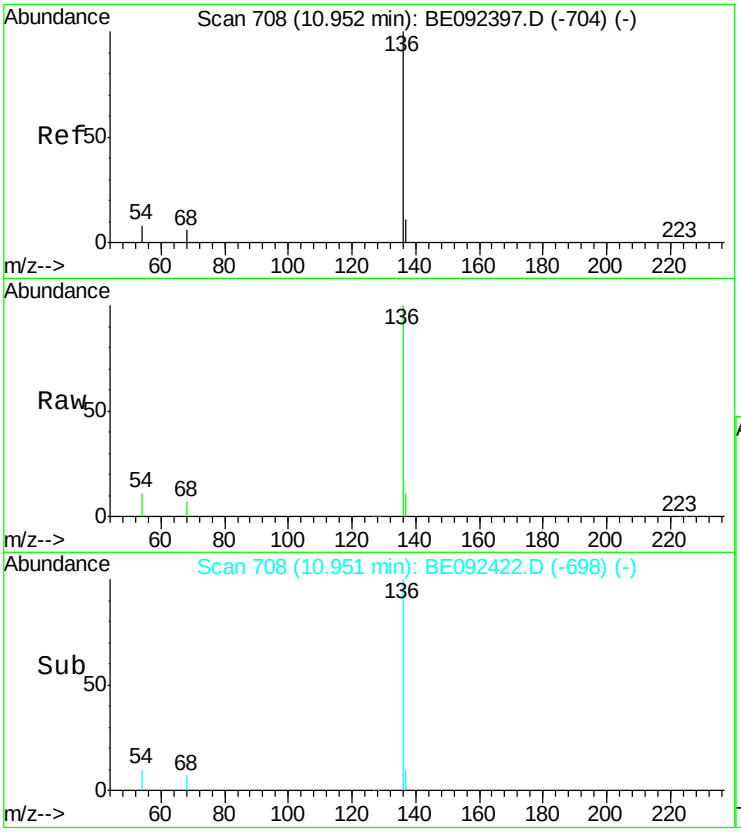


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.68 min Scan# 555
Delta R.T. 0.07 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion: 93 Resp: 22

Ion	Ratio	Lower	Upper
93	100		
63	990.9	71.6	107.4#
95	290.9	24.0	36.0#



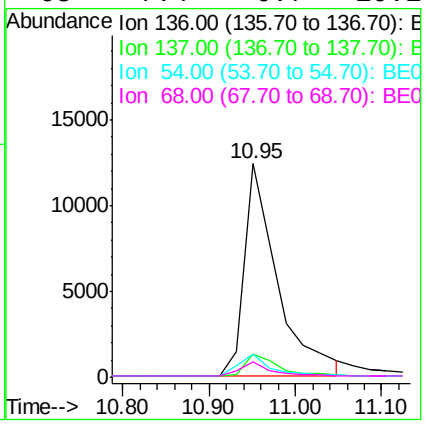


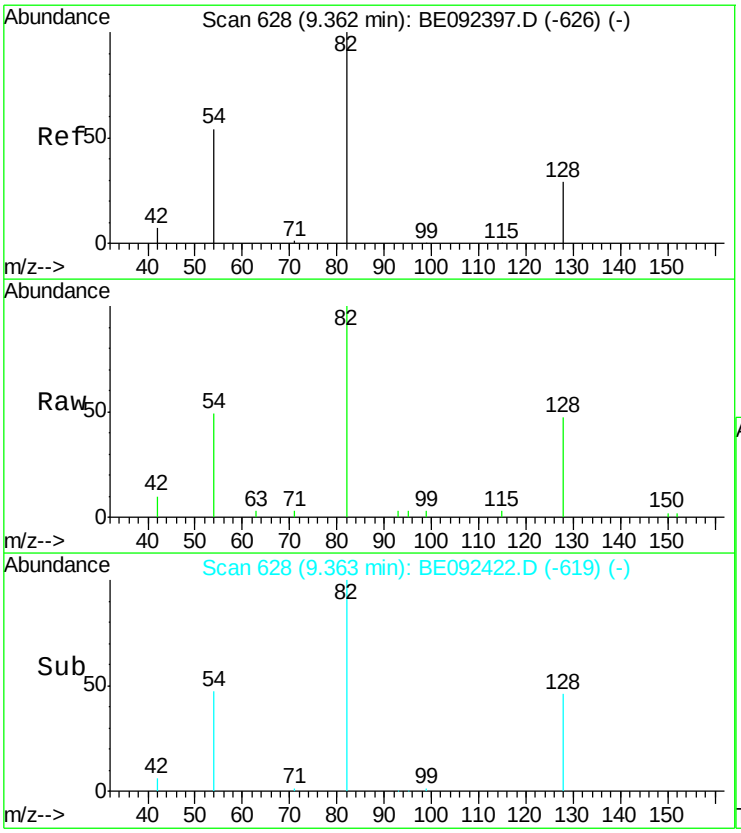
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:136 Resp: 33184

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	10.6	9.6	14.4
68	7.4	6.7	10.1

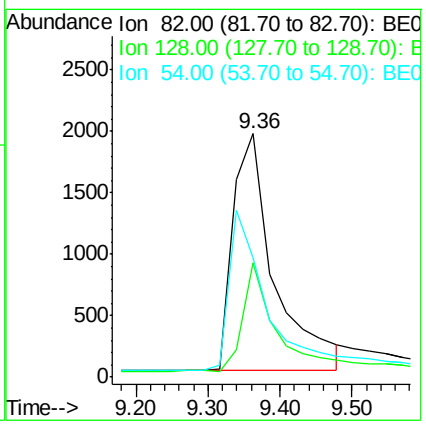


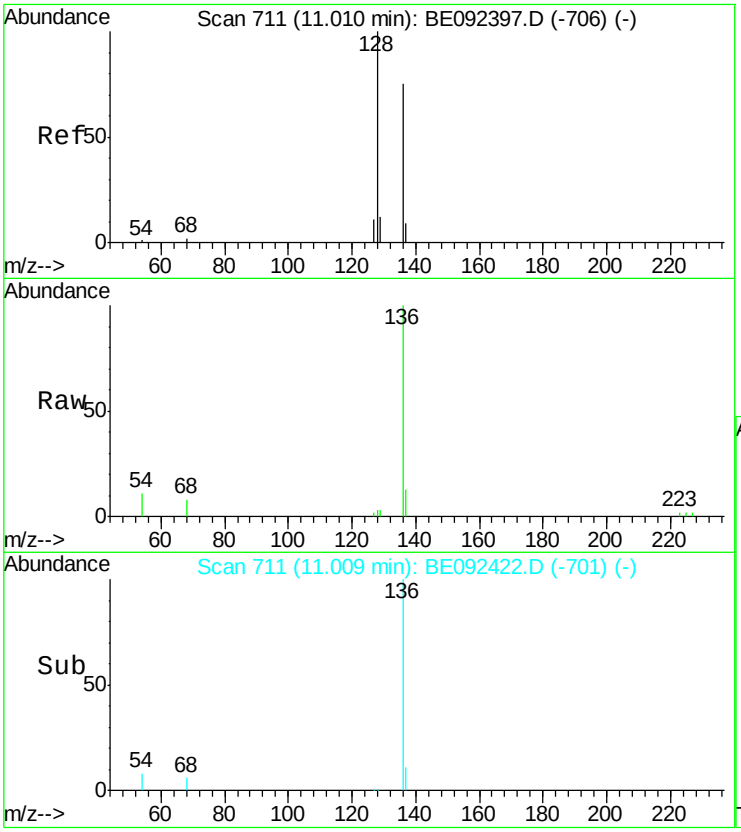


#8
Nitrobenzene-d5
Concen: 3.28 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion: 82 Resp: 7707

Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.0	58.4
54	48.9	44.8	67.2



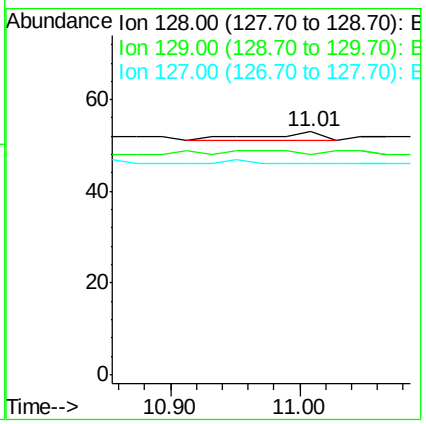


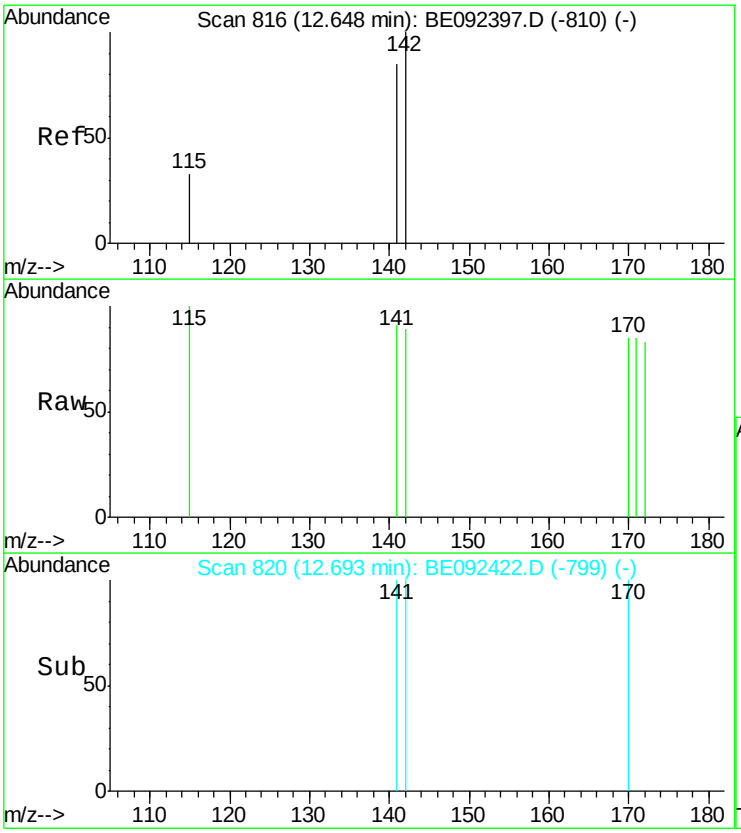
#9
Naphthalene
Concen: 0.00 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:128 Resp: 7

Ion	Ratio	Lower	Upper
128	100		
129	90.6	11.2	16.8#
127	86.8	11.6	17.4#

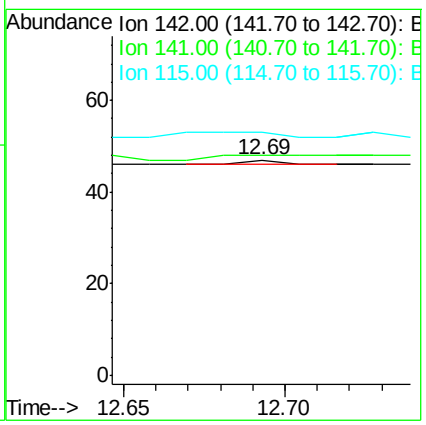


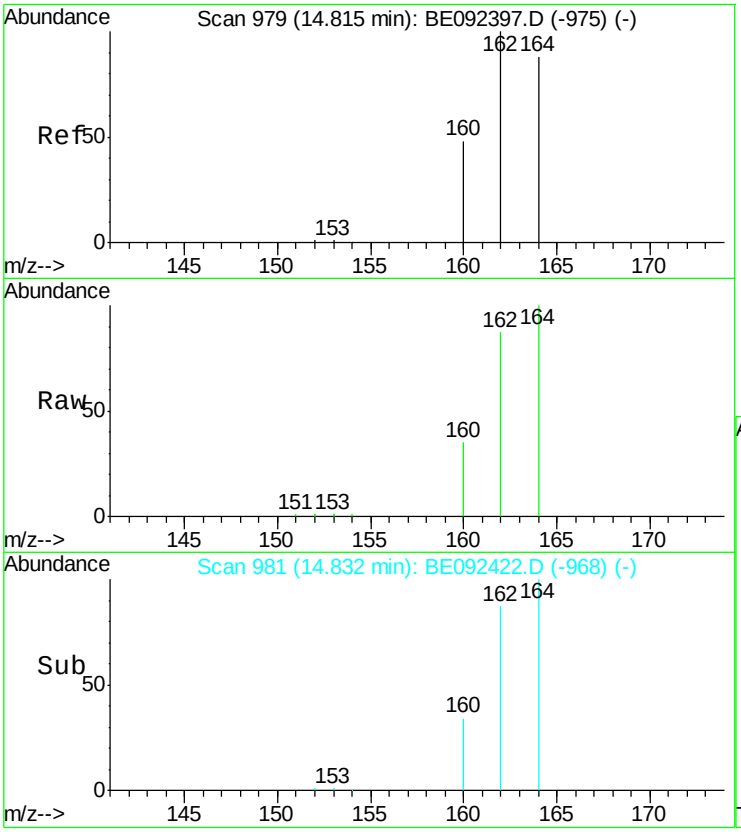


#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.69 min Scan# 820
Delta R.T. 0.05 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:142 Resp: 1

Ion	Ratio	Lower	Upper
142	100		
141	102.1	73.7	110.5
115	112.8	34.0	51.0#



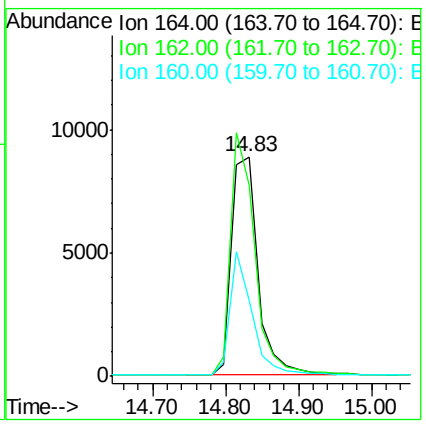


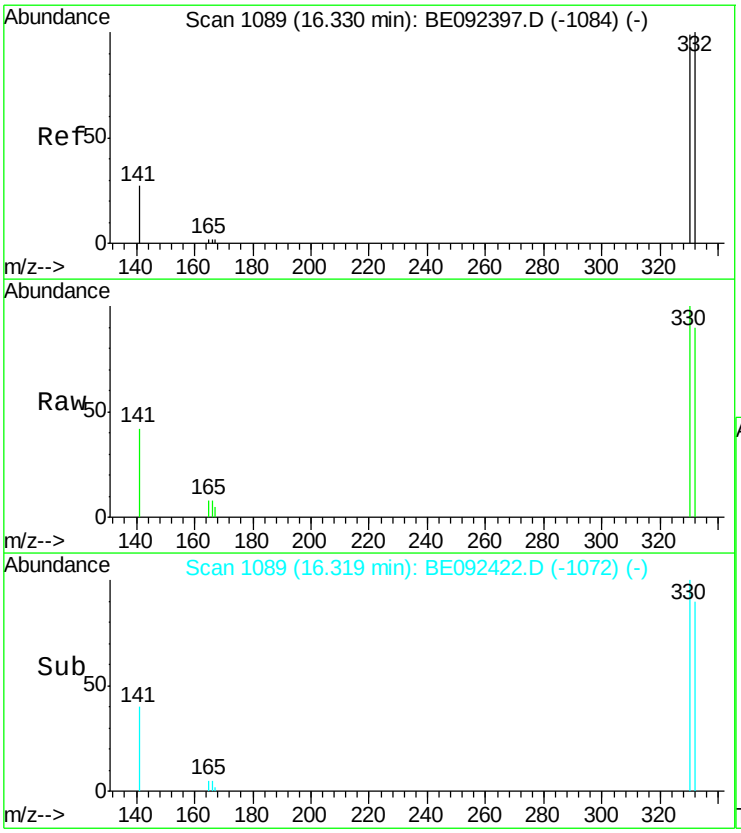
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:164 Resp: 22249

Ion	Ratio	Lower	Upper
164	100		
162	86.7	71.4	107.0
160	34.6	27.4	41.2

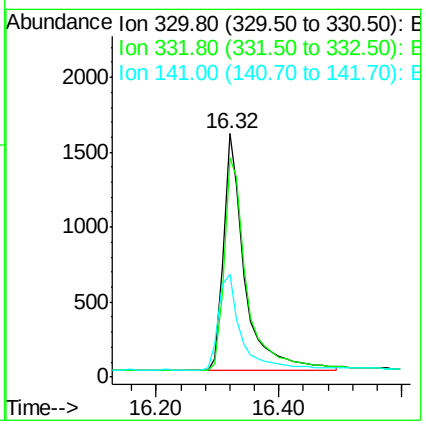


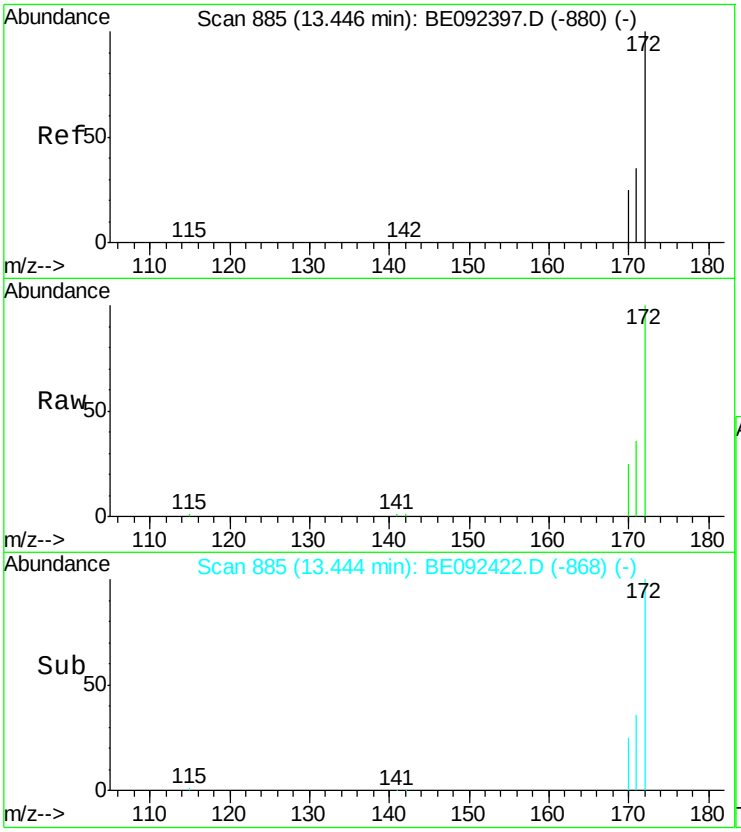


#13
2,4,6-Tribromophenol
Concen: 4.90 ng
RT: 16.32 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:330 Resp: 3817

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.0
141	43.1	31.0	46.6



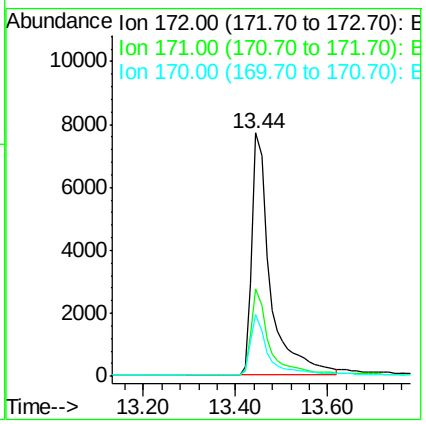


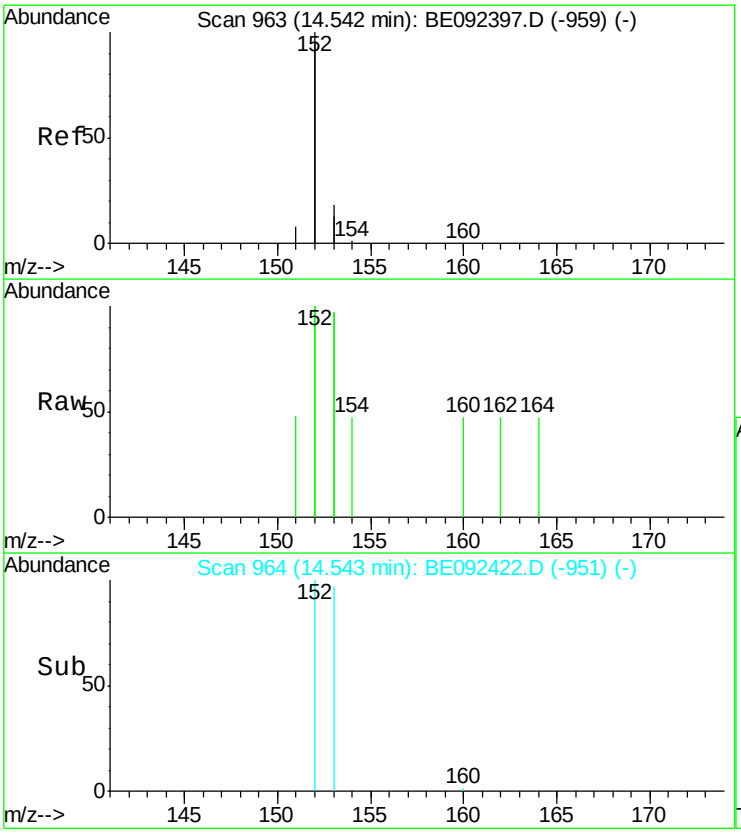
#14
2-Fluorobiphenyl
Concen: 4.01 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:172 Resp: 21114

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.1	45.1
170	25.3	21.8	32.6

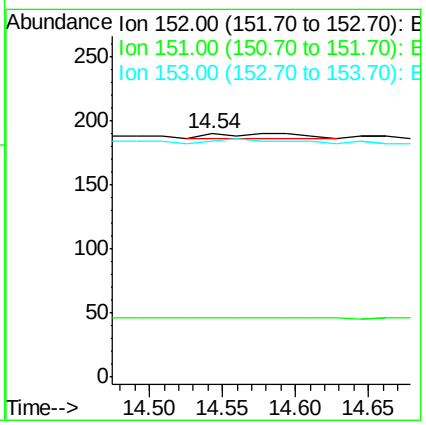


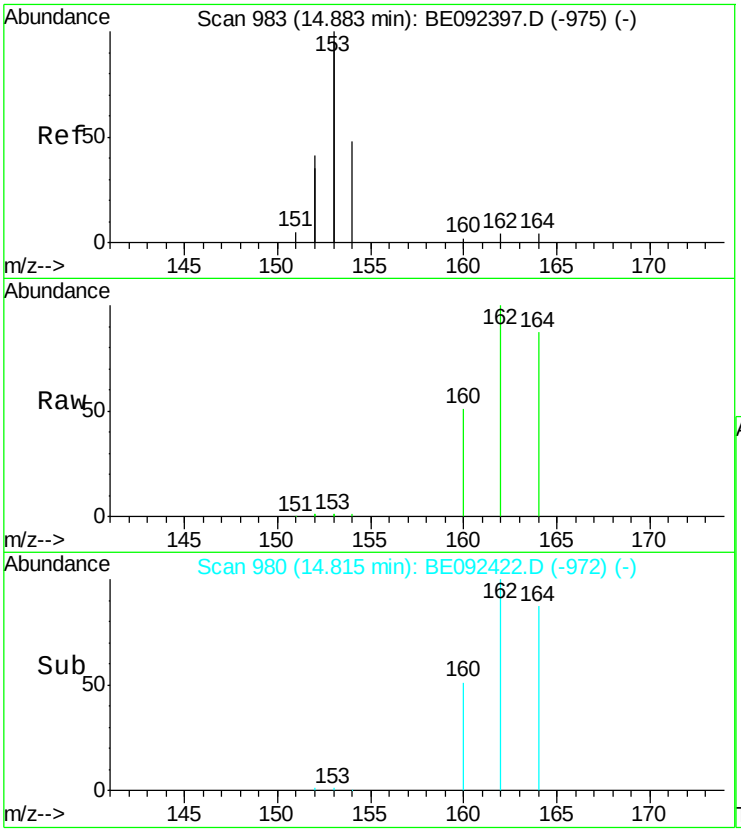


#15
Acenaphthylene
Concen: 0.00 ng
RT: 14.54 min Scan# 964
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:152 Resp: 16

Ion	Ratio	Lower	Upper
152	100		
151	0.0	3.9	5.9#
153	87.5	10.4	15.6#



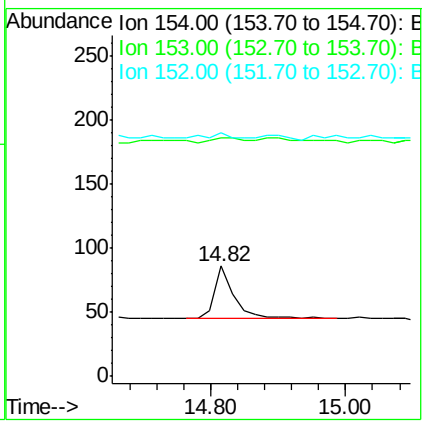


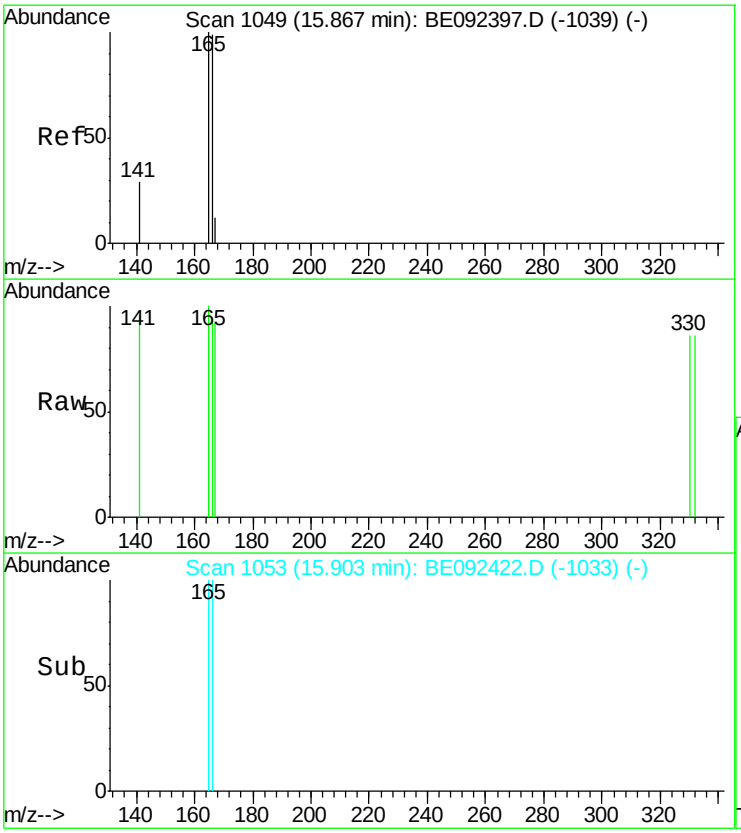
#16
Acenaphthene
Concen: 0.02 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.07 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:154 Resp: 81

Ion	Ratio	Lower	Upper
154	100		
153	14.8	350.8	526.2#
152	7.4	171.1	256.7#

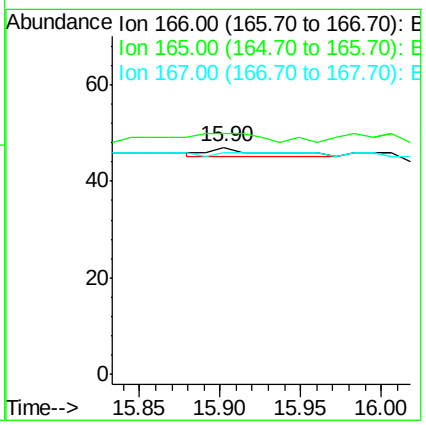


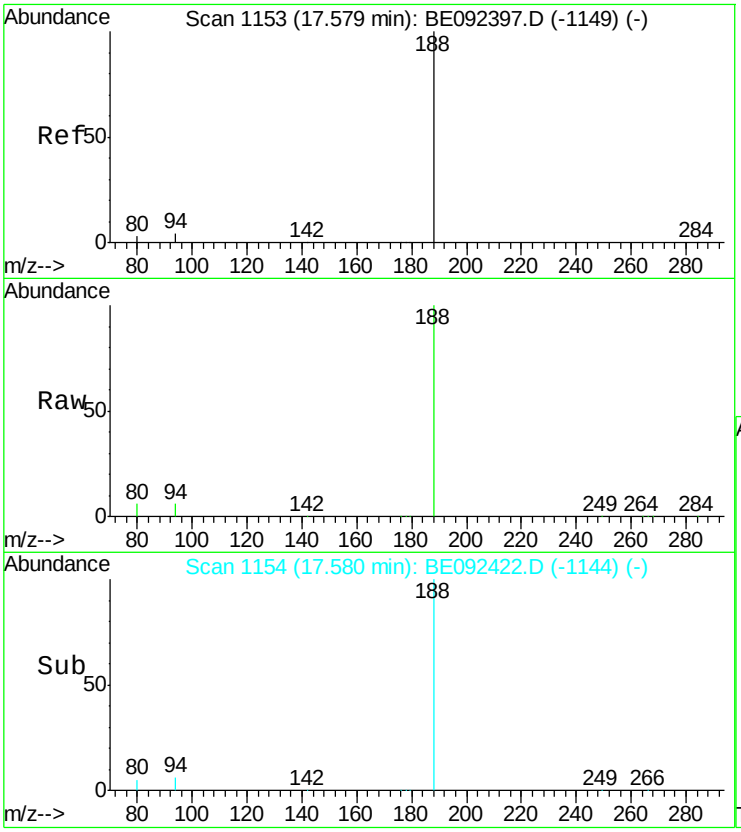


#17
Fluorene
Concen: 0.00 ng
RT: 15.90 min Scan# 1053
Delta R.T. 0.04 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:166 Resp: 6

Ion	Ratio	Lower	Upper
166	100		
165	133.3	78.2	117.4#
167	66.7	11.0	16.4#



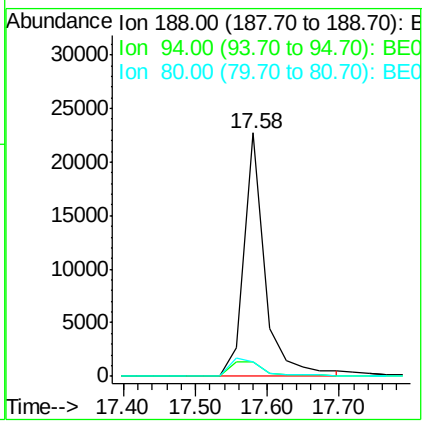


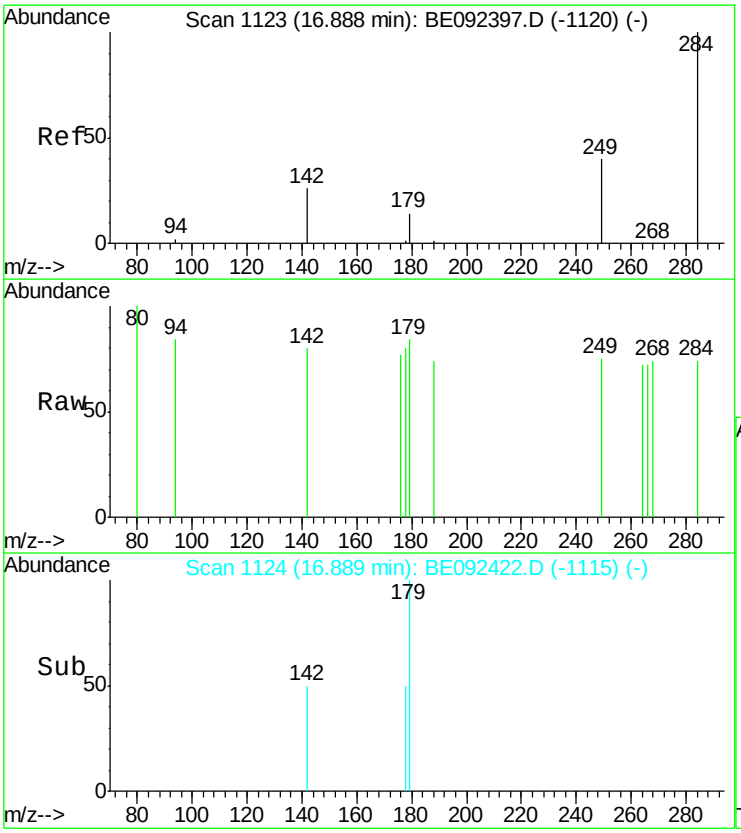
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:188 Resp: 45230

Ion	Ratio	Lower	Upper
188	100		
94	6.0	3.2	4.8#
80	5.7	2.6	3.8#

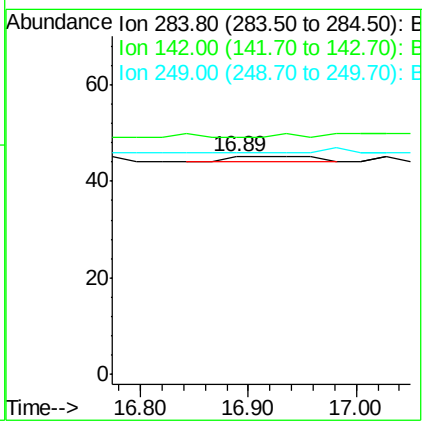


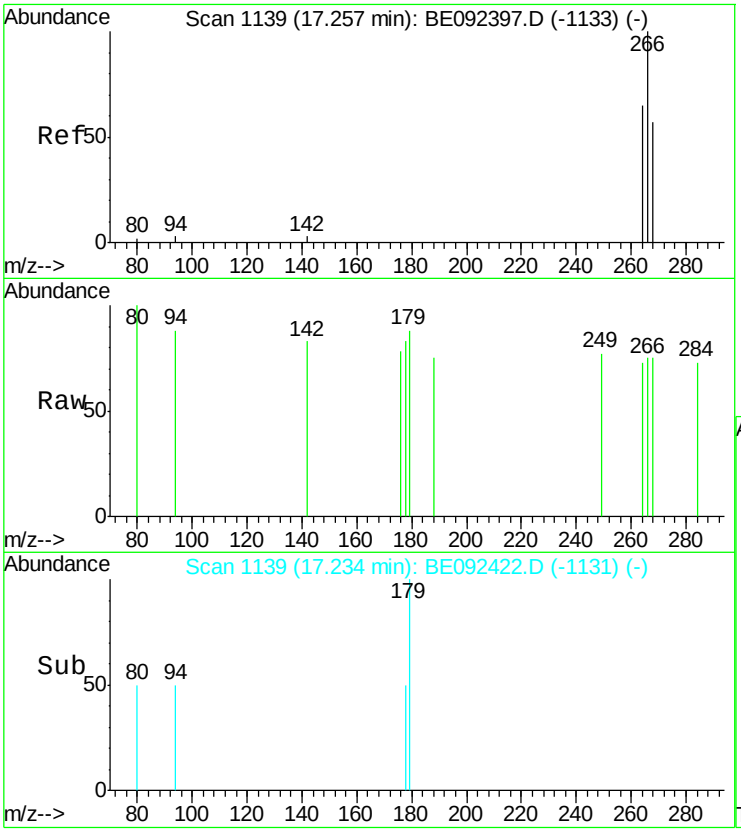


#19
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:284 Resp: 6

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	0.0	27.9	41.9#



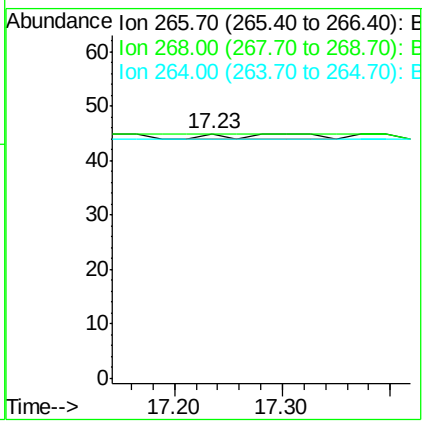


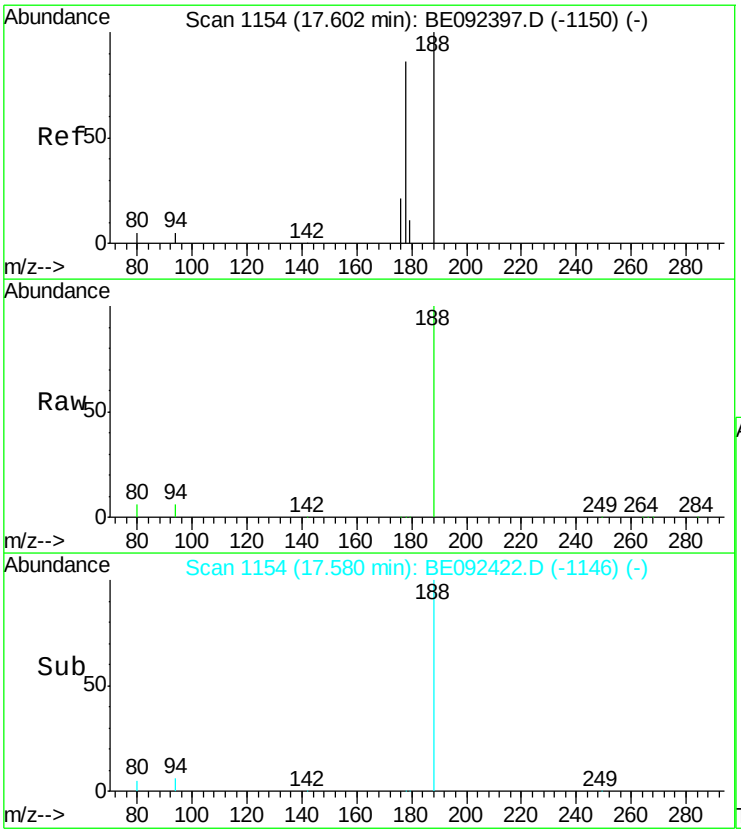
#20
Pentachlorophenol
Concen: 0.19 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
268	100.0	62.5	93.7#
264	97.8	57.2	85.8#

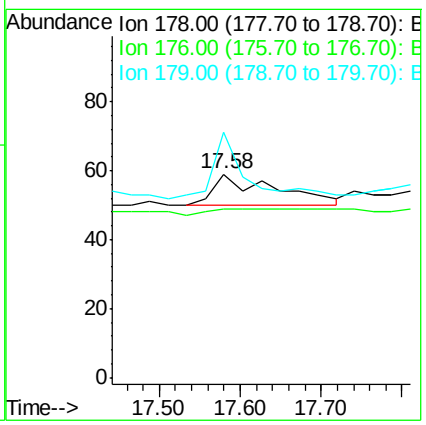


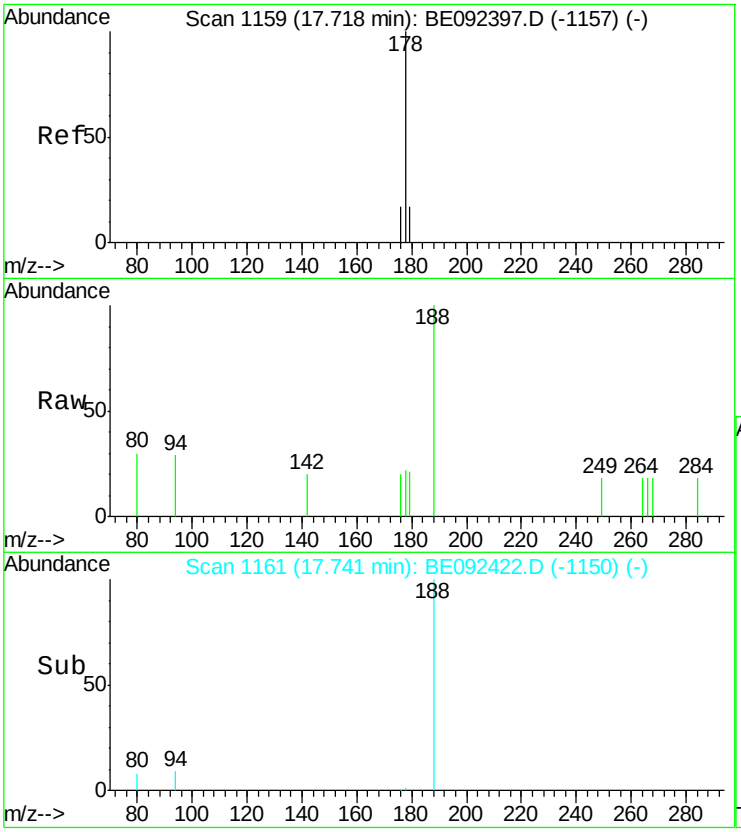


#21
Phenanthrene
Concen: 0.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:178 Resp: 48

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	112.5	16.0	24.0#



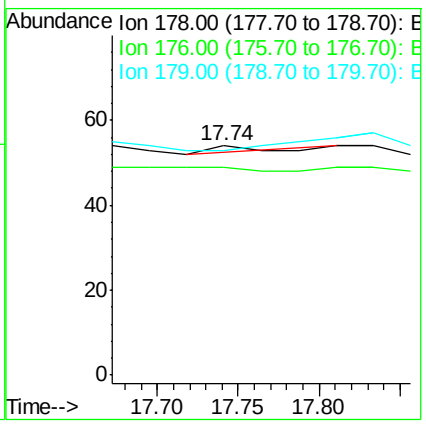


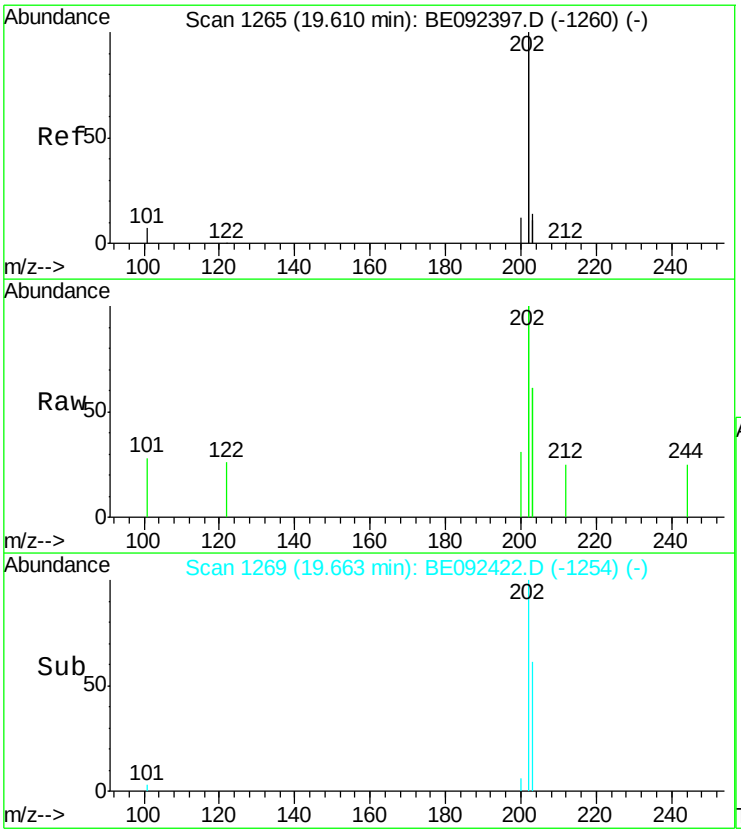
#22
Anthracene
Concen: 0.00 ng
RT: 17.74 min Scan# 1161
Delta R.T. 0.05 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:178 Resp: 3

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.2	18.2#

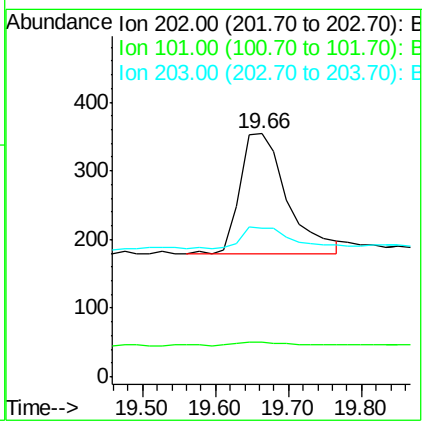


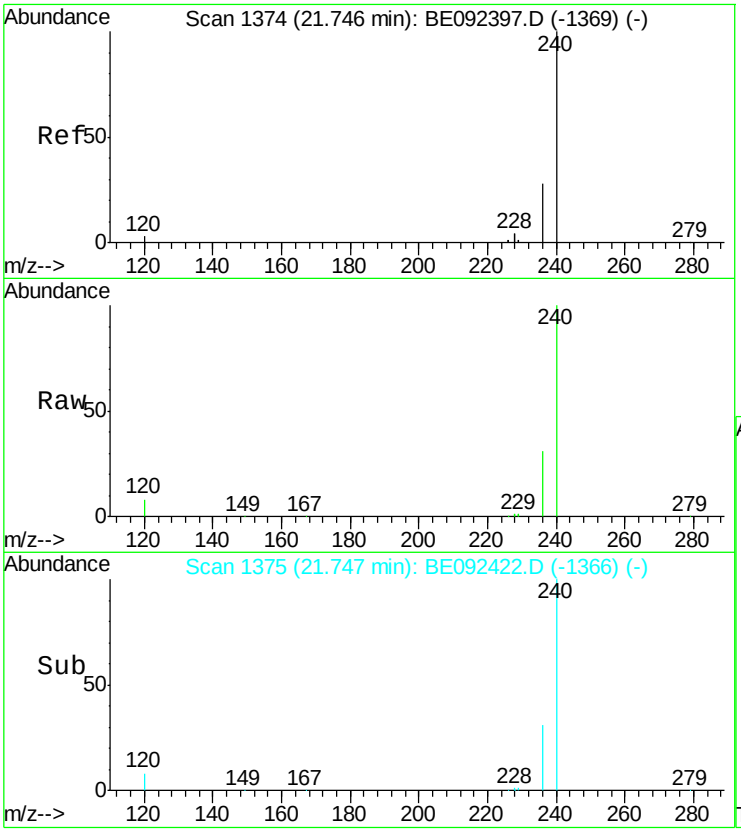


#23
Fluoranthene
Concen: 0.02 ng
RT: 19.66 min Scan# 1269
Delta R.T. 0.05 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:202 Resp: 775

Ion	Ratio	Lower	Upper
202	100		
101	3.5	2.2	3.4#
203	19.0	13.7	20.5



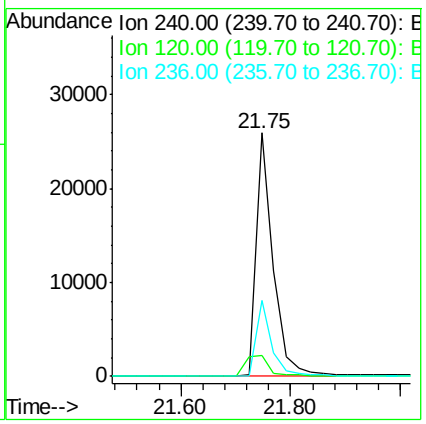


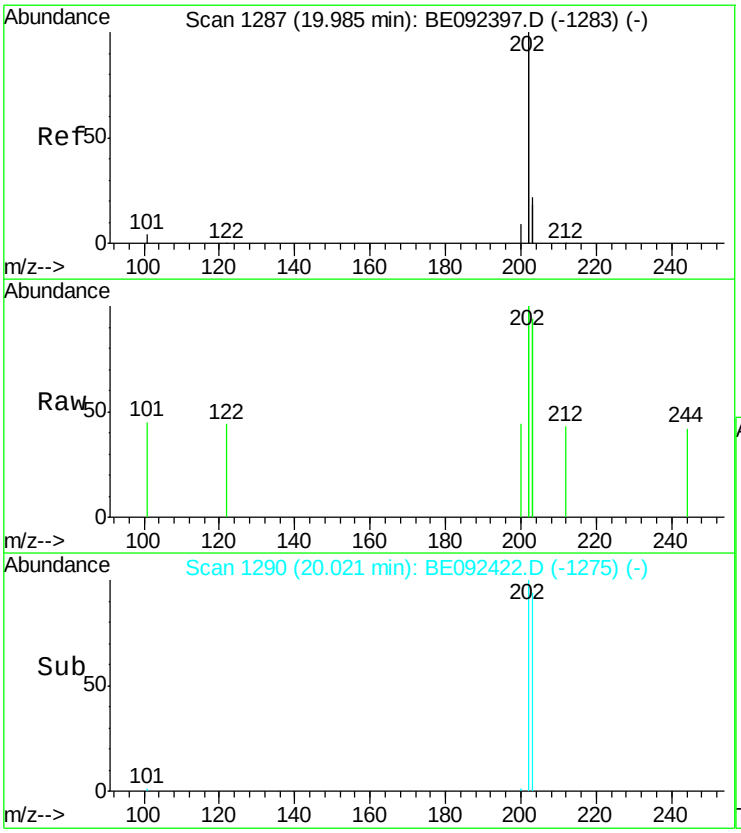
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:240 Resp: 55636

Ion	Ratio	Lower	Upper
240	100		
120	8.3	2.6	4.0#
236	31.2	24.6	37.0

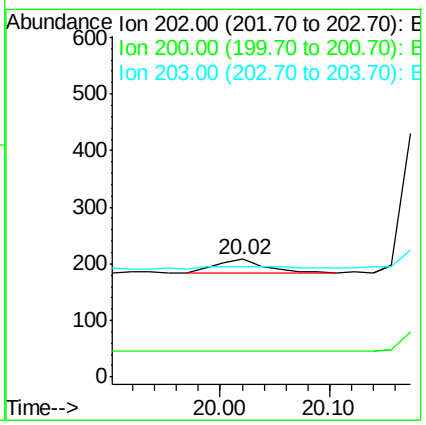


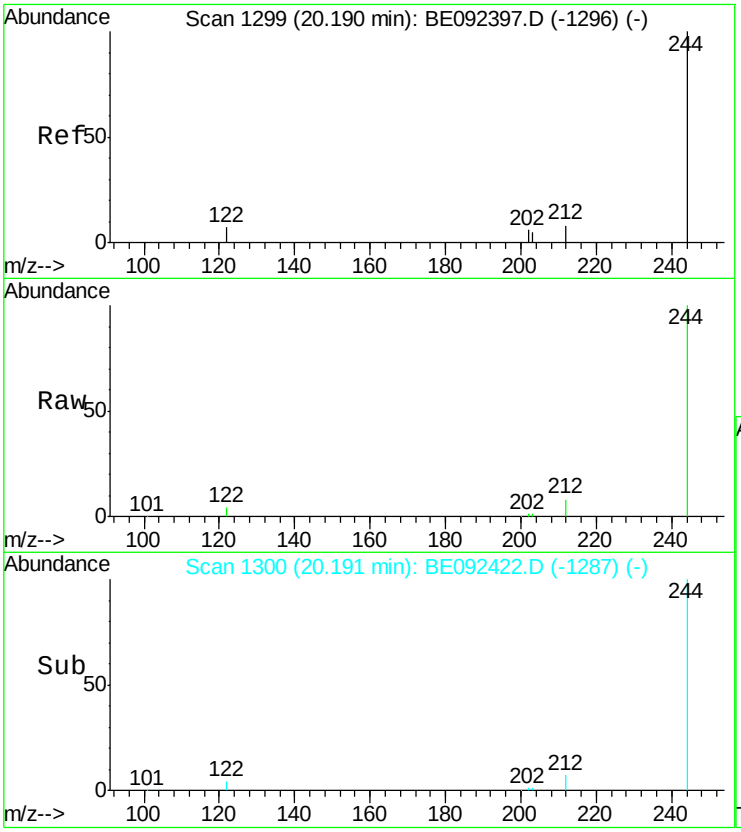


#25
Pyrene
Concen: 0.00 ng
RT: 20.02 min Scan# 1290
Delta R.T. 0.05 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:202 Resp: 74

Ion	Ratio	Lower	Upper
202	100		
200	2.7	4.2	6.4#
203	44.6	13.9	20.9#



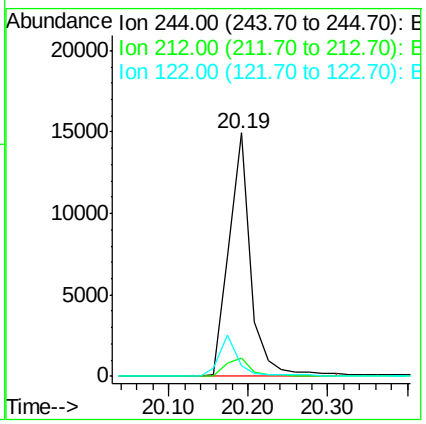


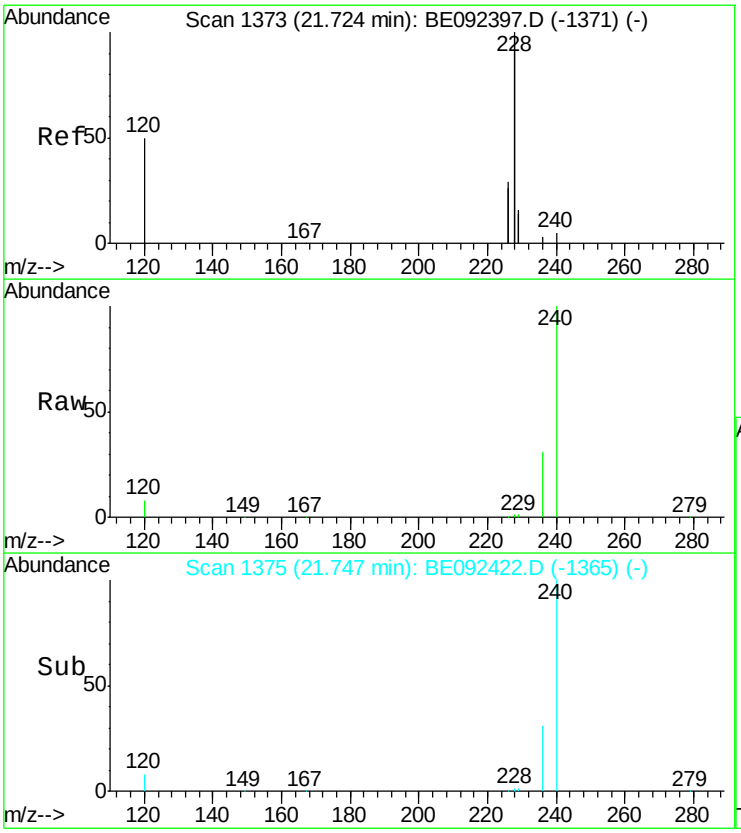
#26
Terphenyl-d14
Concen: 4.08 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:244 Resp: 28135

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.7	10.1
122	4.3	3.6	5.4

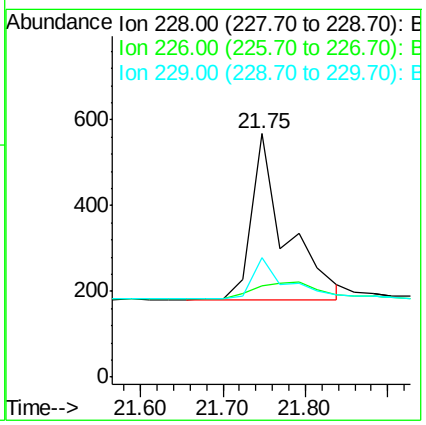


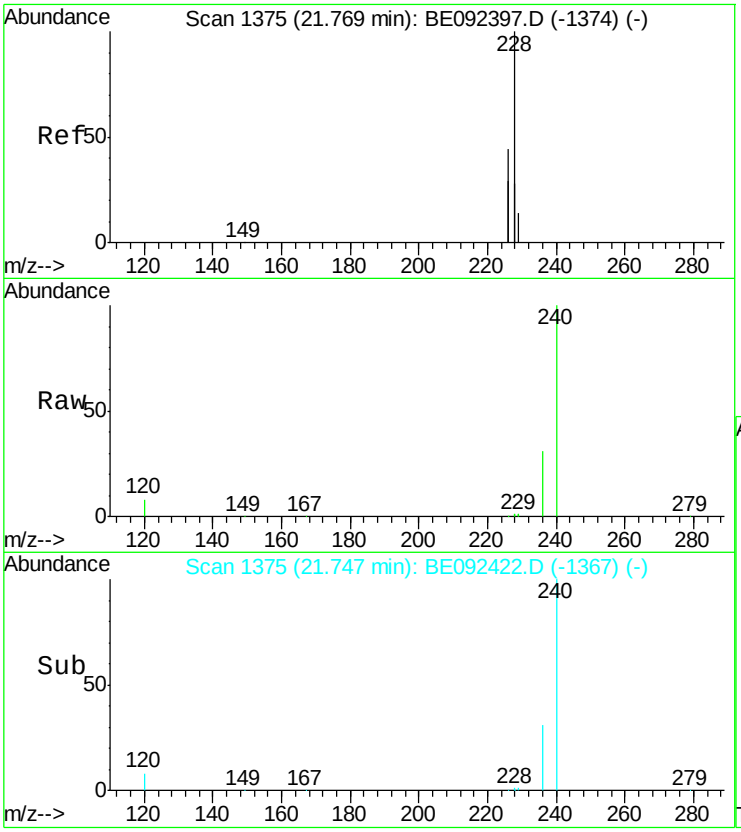


#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:228 Resp: 1122

Ion	Ratio	Lower	Upper
228	100		
226	37.7	23.6	35.4#
229	49.3	13.3	19.9#



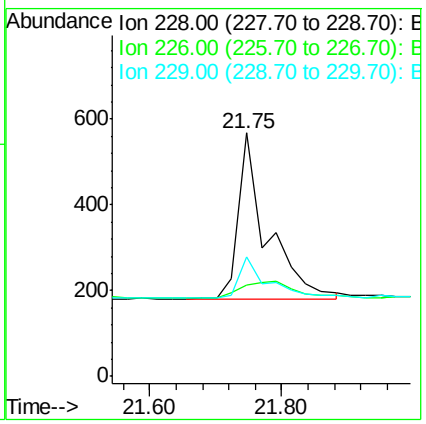


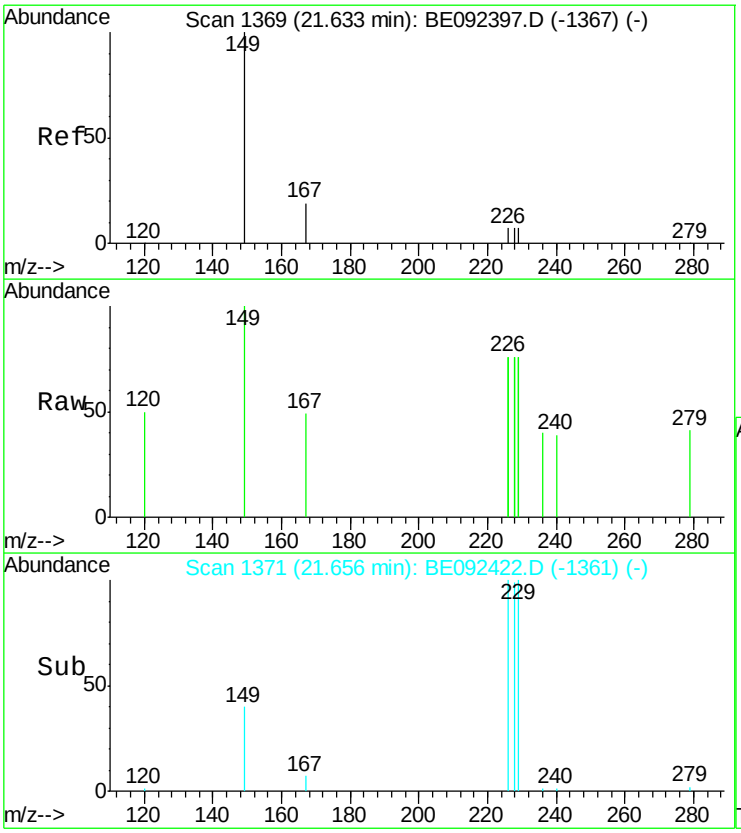
#28
Chrysene
Concen: 0.02 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:228 Resp: 1166

Ion	Ratio	Lower	Upper
228	100		
226	37.7	36.3	54.5
229	49.3	10.6	16.0#

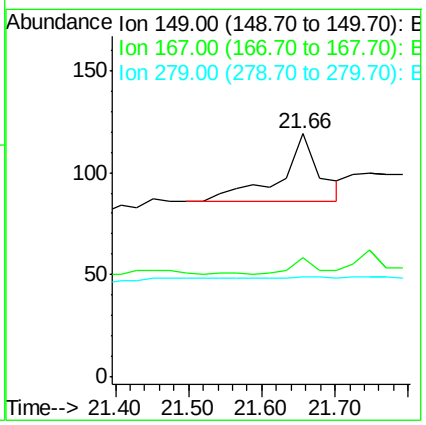


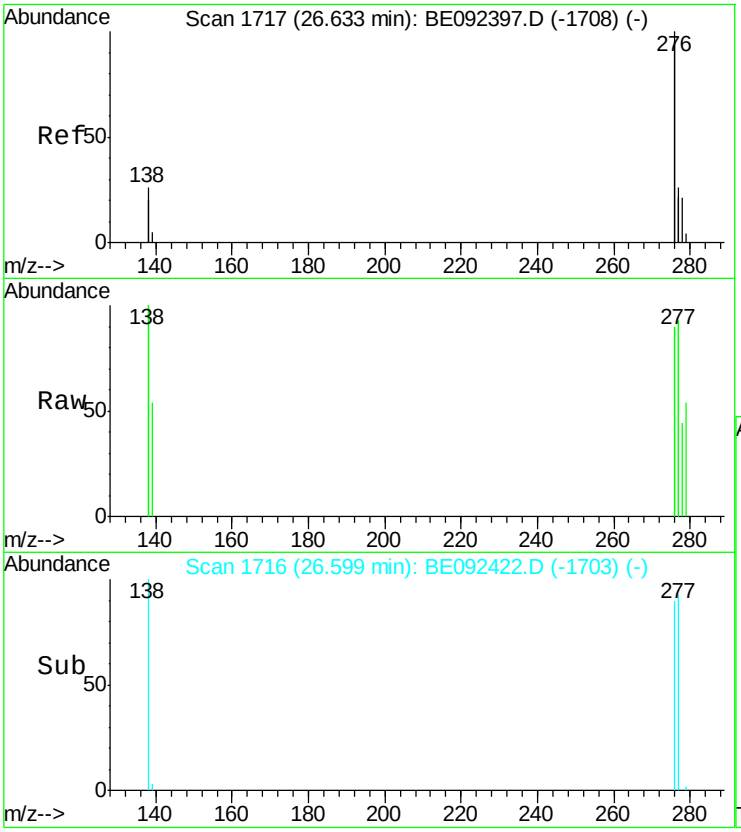


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 21.66 min Scan# 1371
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:149 Resp: 122

Ion	Ratio	Lower	Upper
149	100		
167	14.8	16.0	24.0#
279	2.5	16.0	24.0#



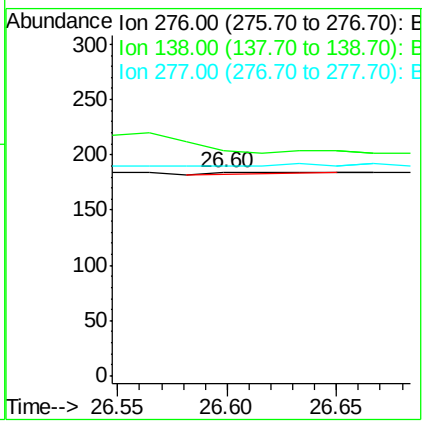


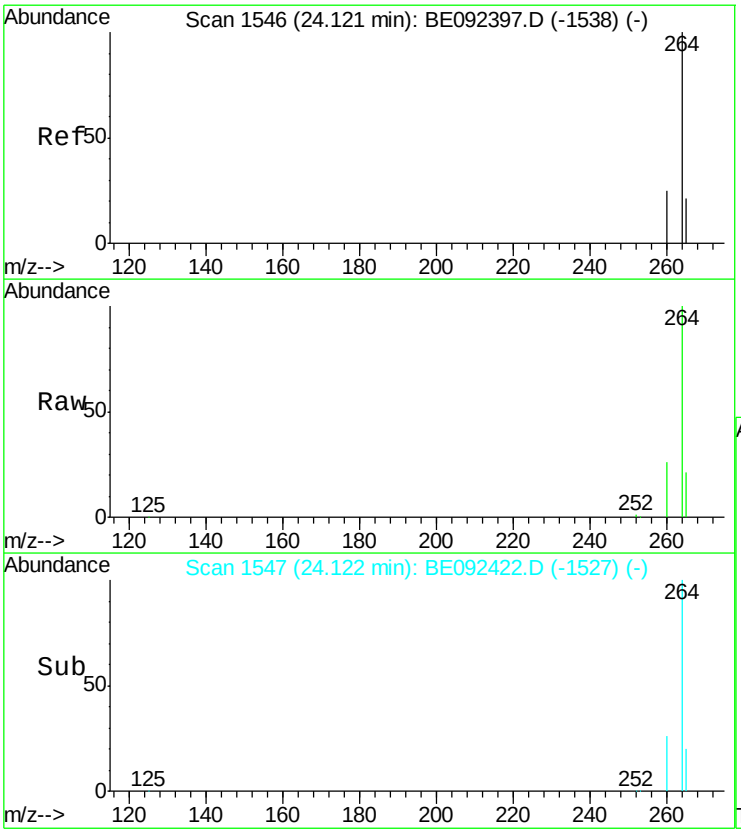
#30
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.60 min Scan# 1716
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
138	0.0	20.3	30.5#
277	0.0	19.7	29.5#

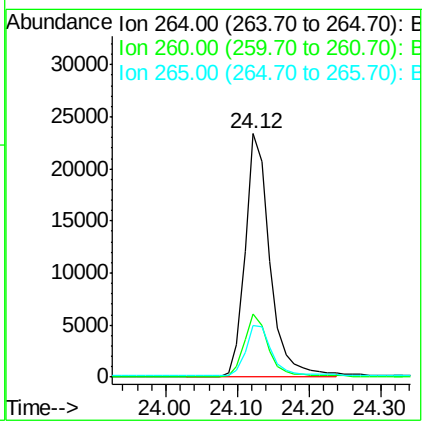


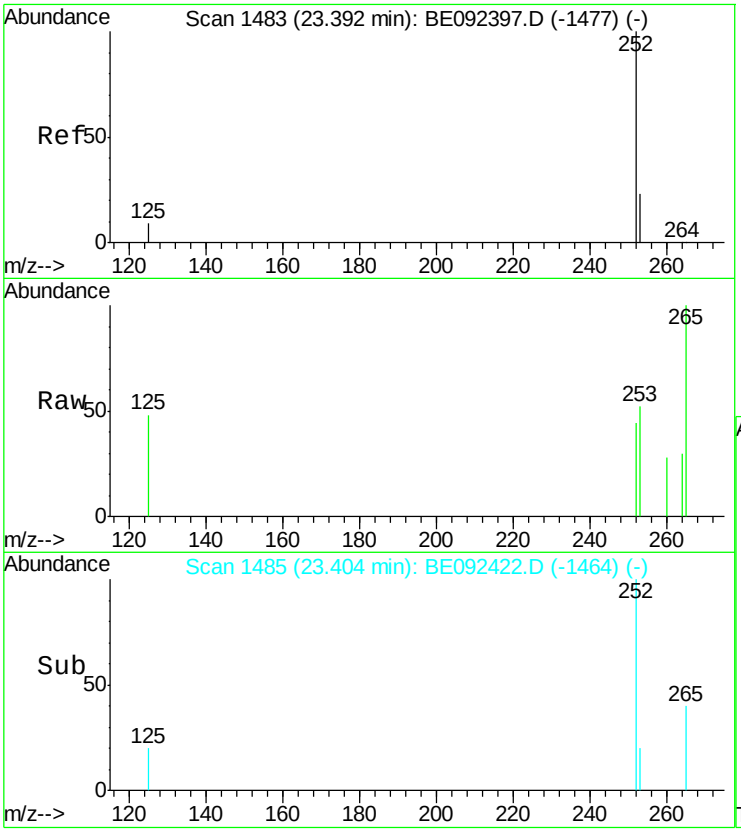


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.03 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:264 Resp: 56184

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	21.0	17.9	26.9



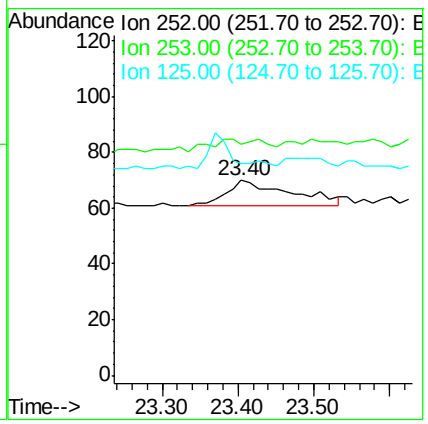


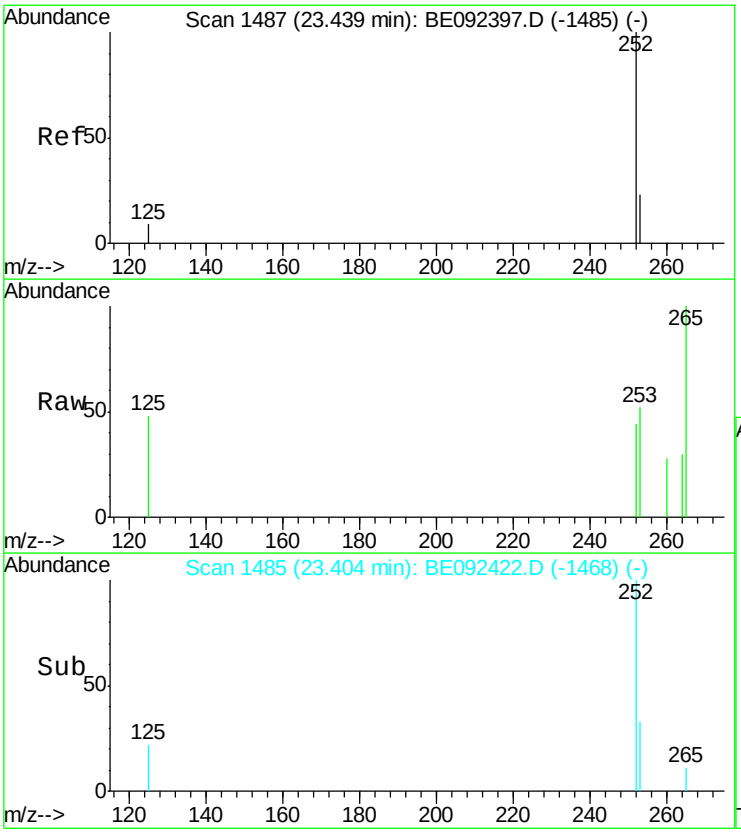
#32
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 23.40 min Scan# 1485
Delta R.T. 0.05 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:252 Resp: 52

Ion	Ratio	Lower	Upper
252	100		
253	118.6	18.7	28.1#
125	108.6	10.5	15.7#

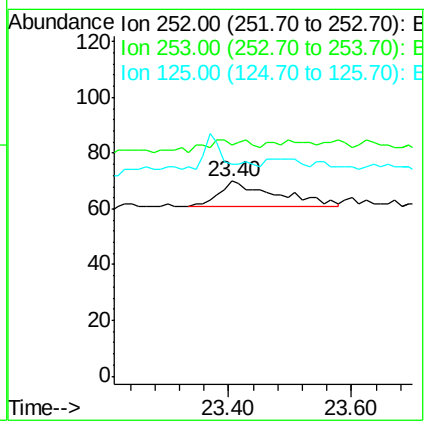


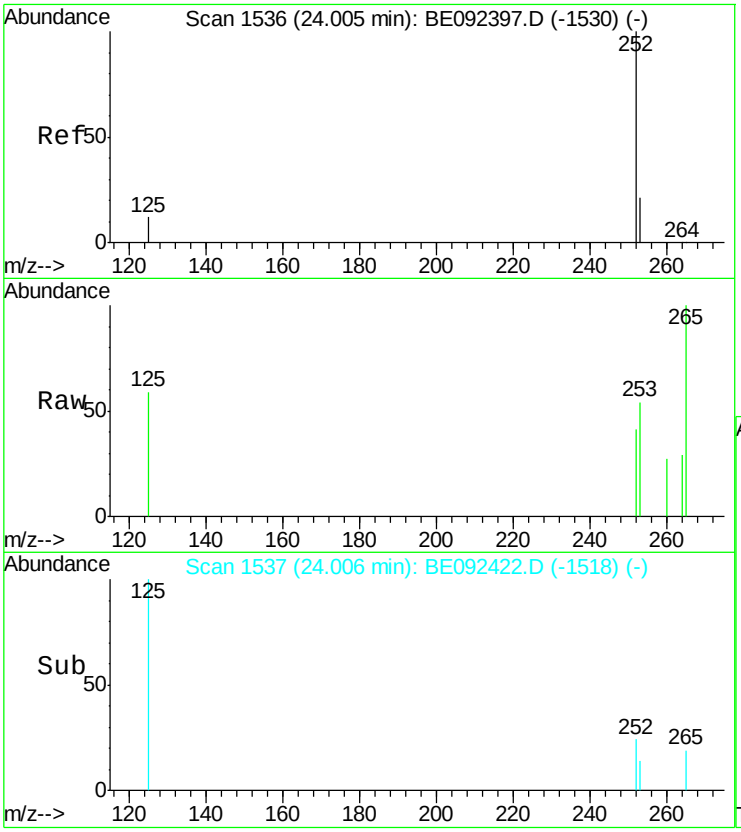


#33
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 23.40 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	118.6	20.3	30.5#
125	108.6	9.6	14.4#



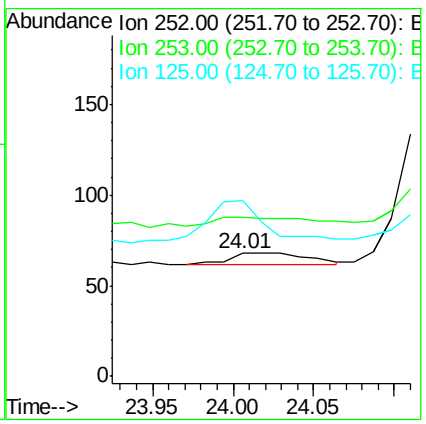


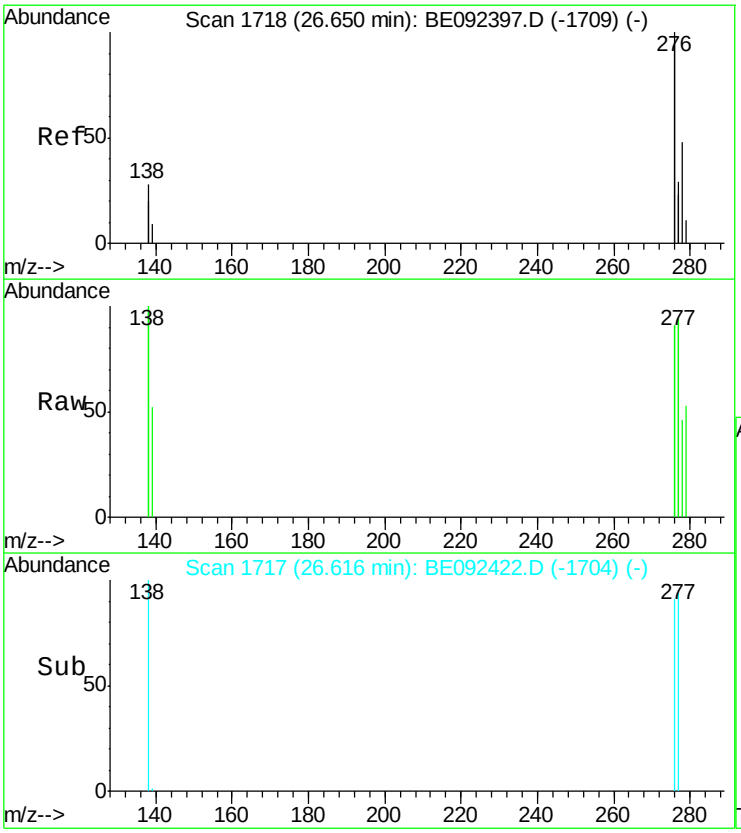
#34
Benzo(a)pyrene
Concen: 0.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:252 Resp: 19

Ion	Ratio	Lower	Upper
252	100		
253	129.4	19.0	28.6#
125	142.6	11.8	17.8#

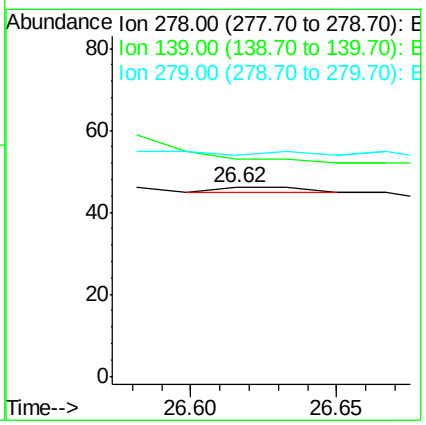


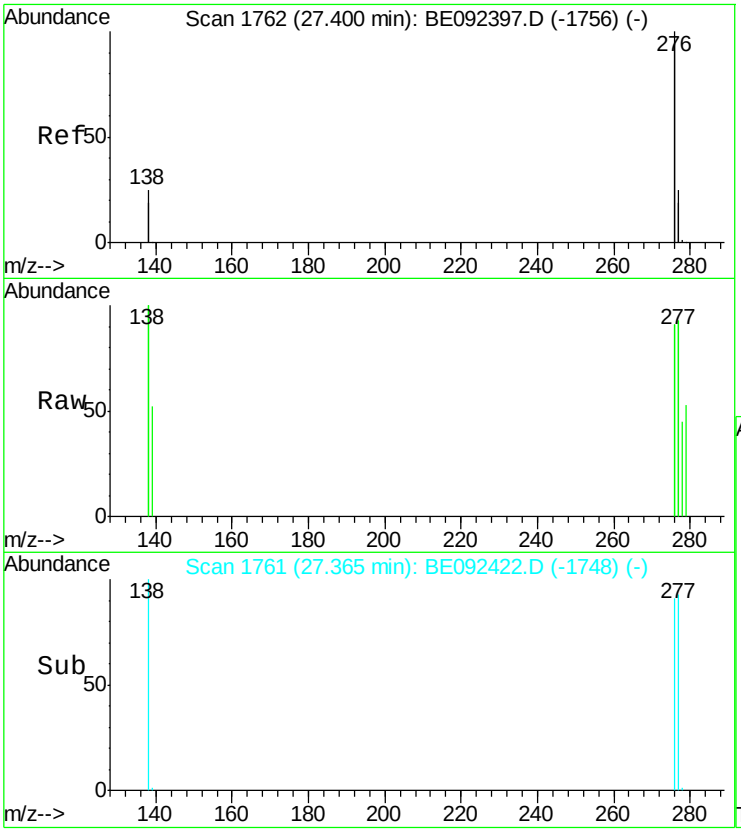


#35
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion:278 Resp: 2

Ion	Ratio	Lower	Upper
278	100		
139	115.2	13.8	20.8#
279	117.4	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 27.37 min Scan# 1761
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:276 Resp: 8

Ion	Ratio	Lower	Upper
276	100		
277	102.2	19.8	29.8#
138	109.7	19.8	29.6#