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 : LOQ
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
20) Pentachlorophenol	17.23	266	6	0.19	ng	# 72
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

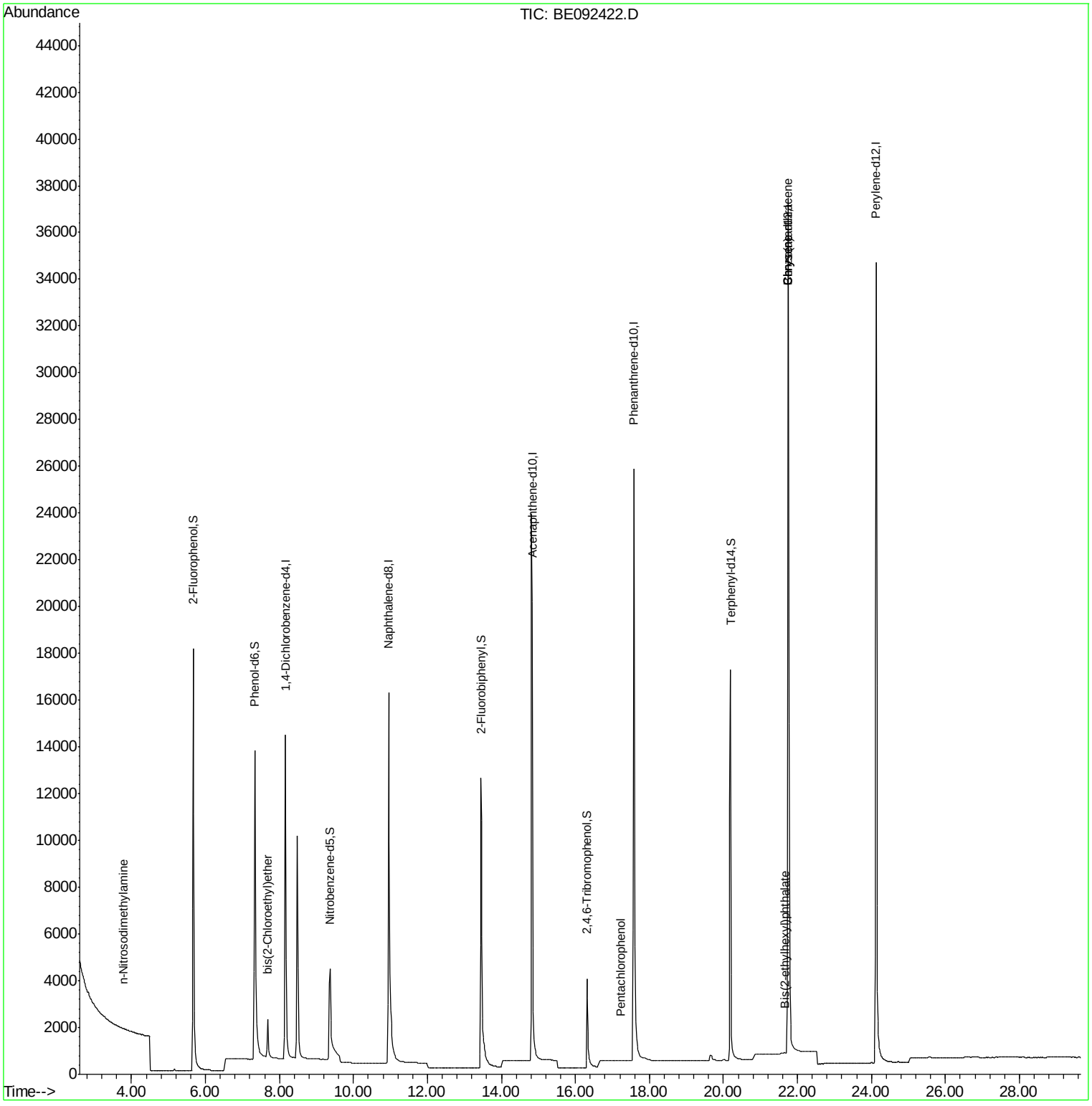
(#) = qualifier out of range (m) = manual integration (+) = signals summed

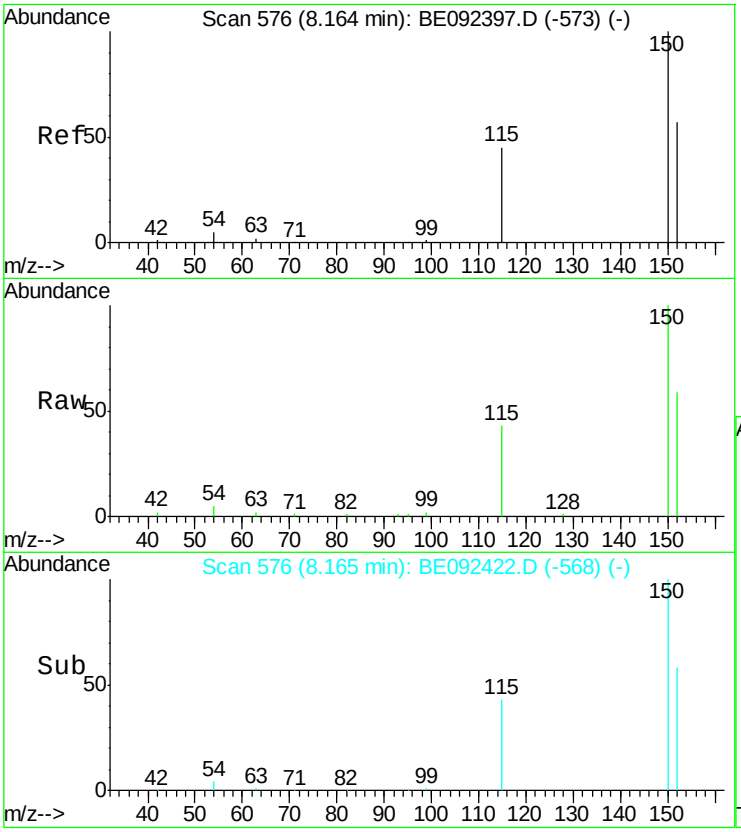
Quantitation Report (Not Reviewed)

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 : LOQ
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



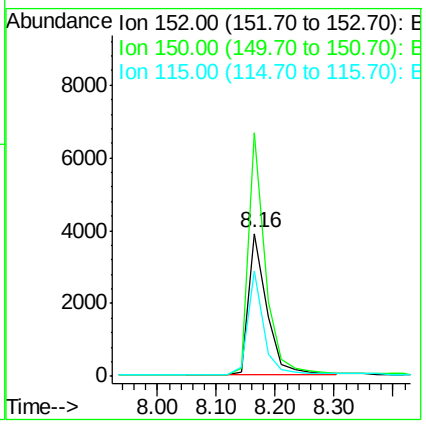


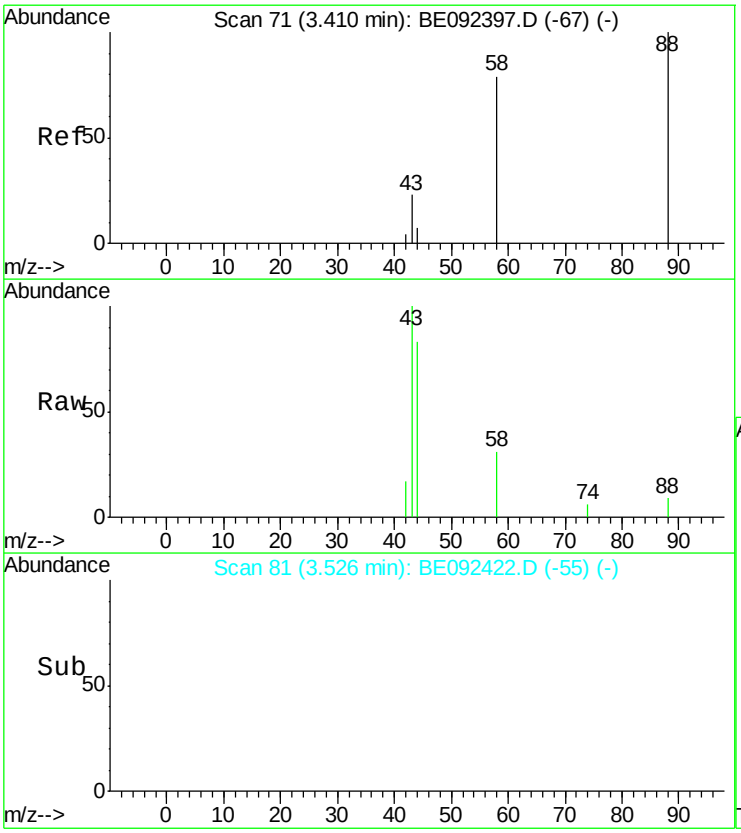
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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#

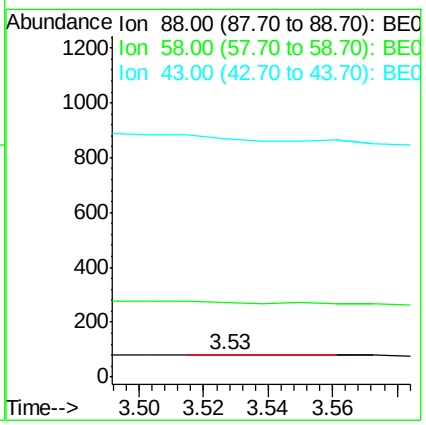


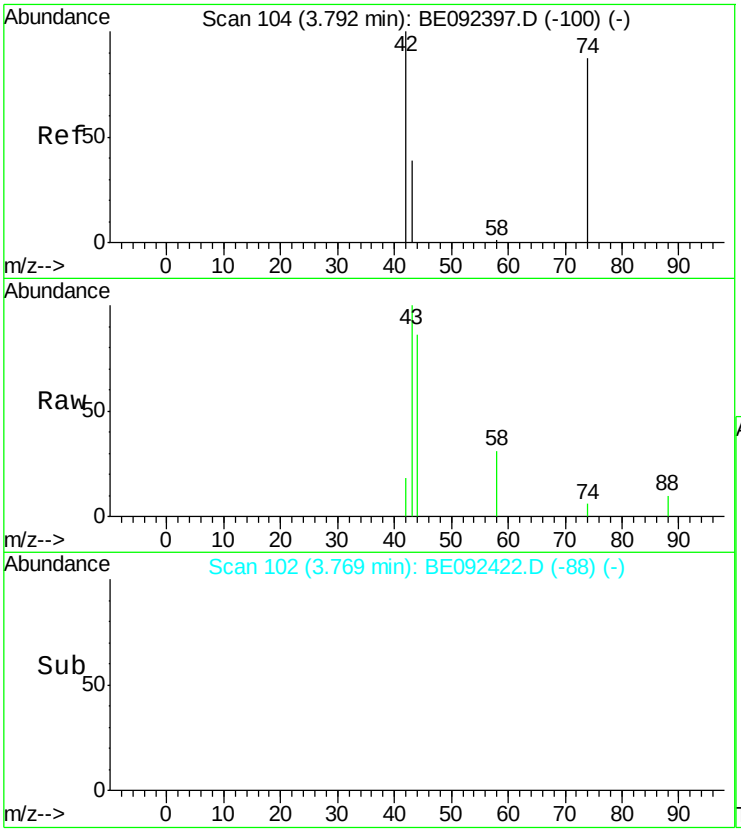


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.53 min Scan# 81
Delta R.T. 0.11 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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#



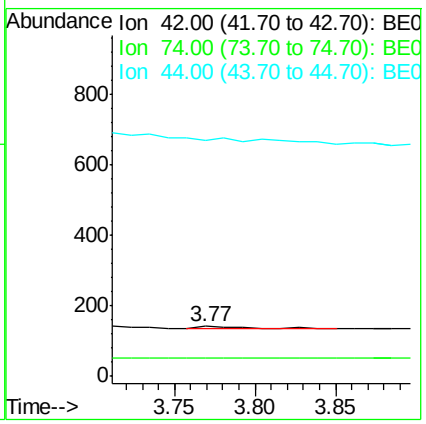


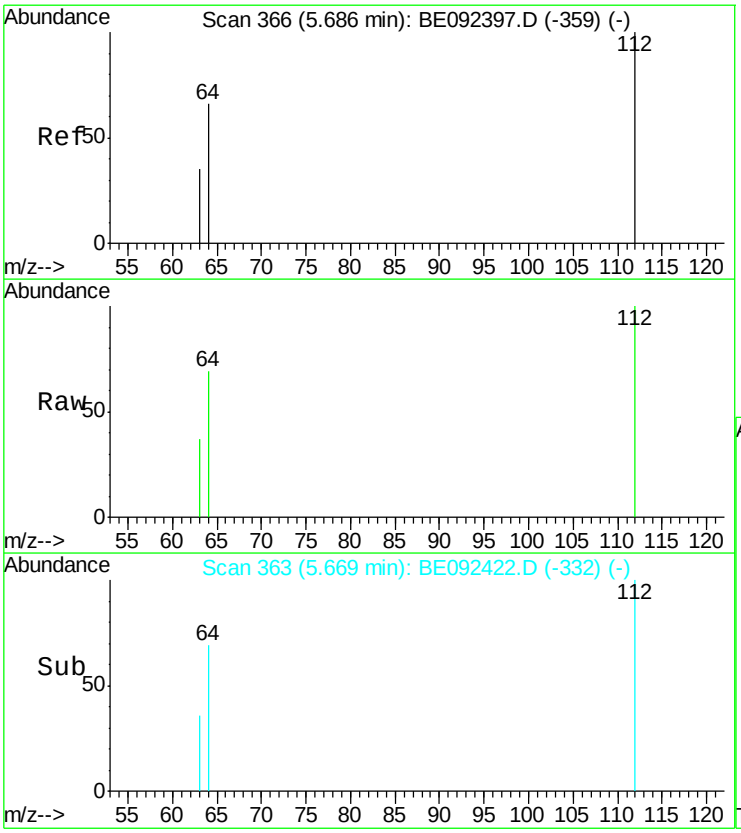
#3
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.77 min Scan# 102
Delta R.T. -0.03 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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#

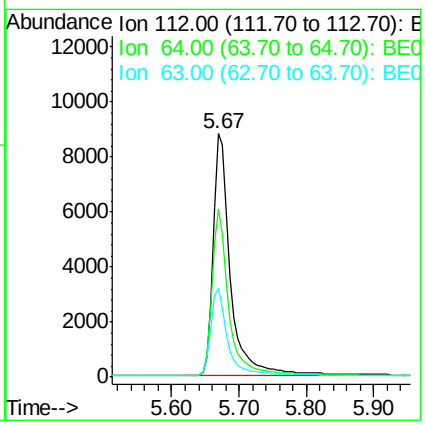


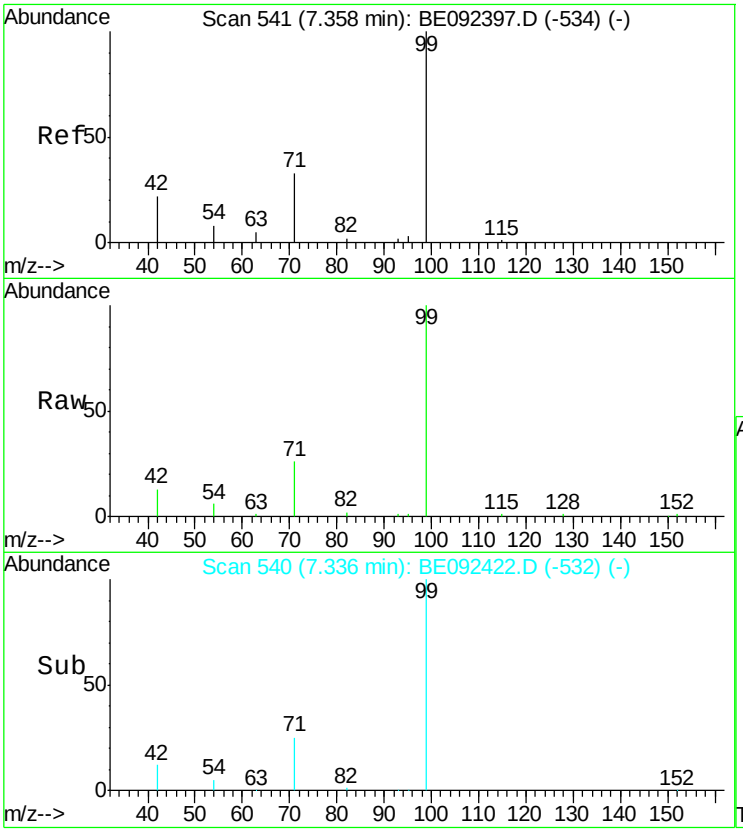


#4
2-Fluorophenol
Concen: 8.16 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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



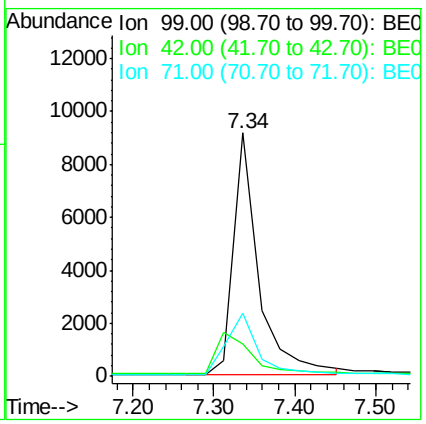


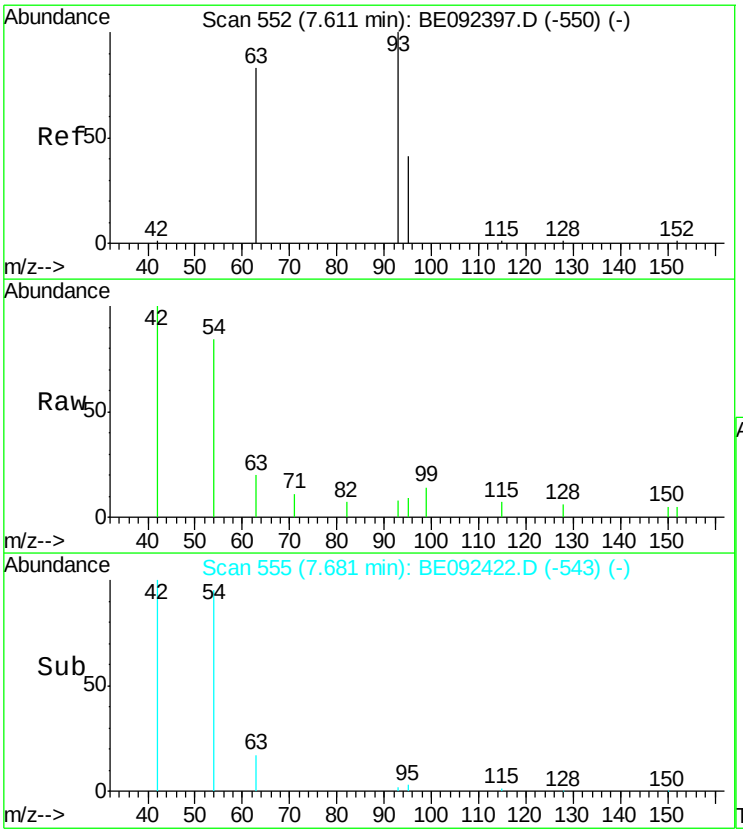
#5
Phenol-d6
Concen: 6.99 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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

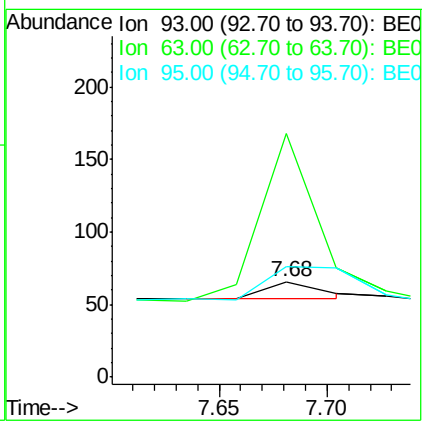


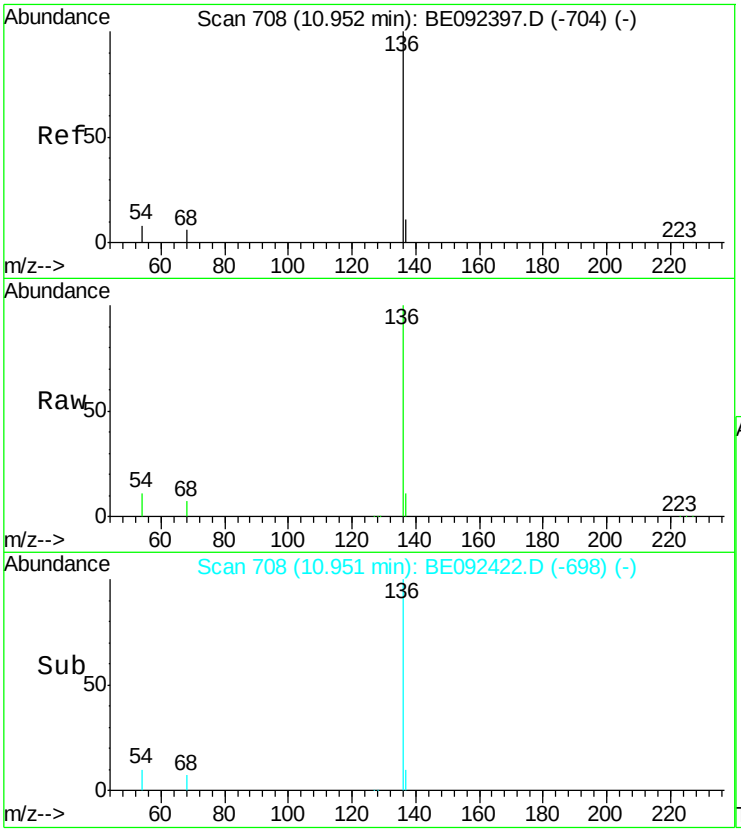


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.68 min Scan# 555
Delta R.T. 0.07 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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#



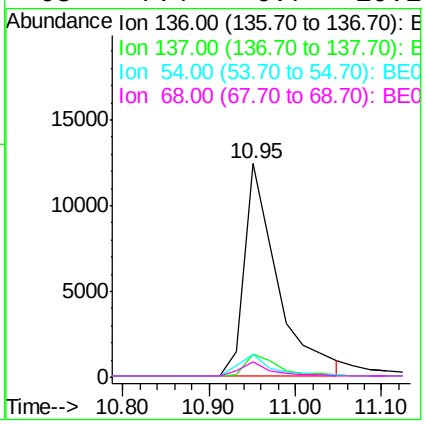


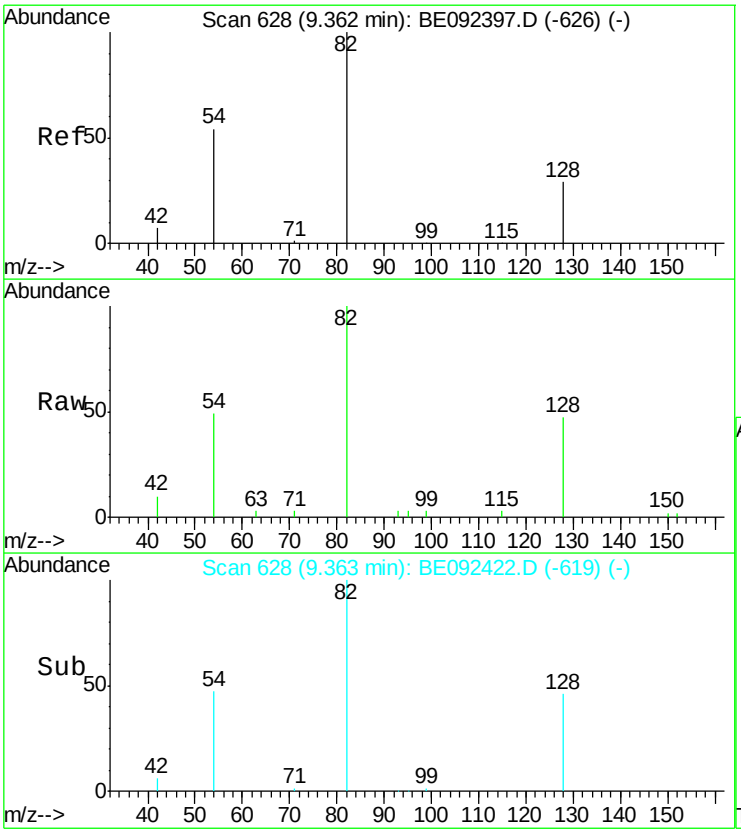
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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

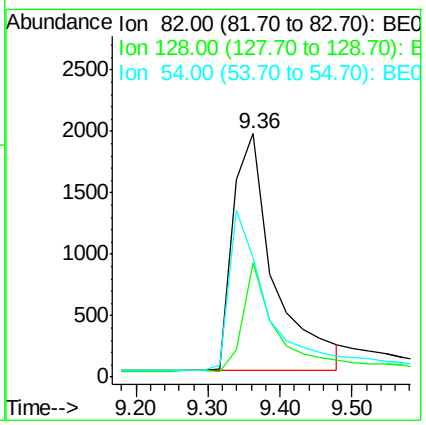


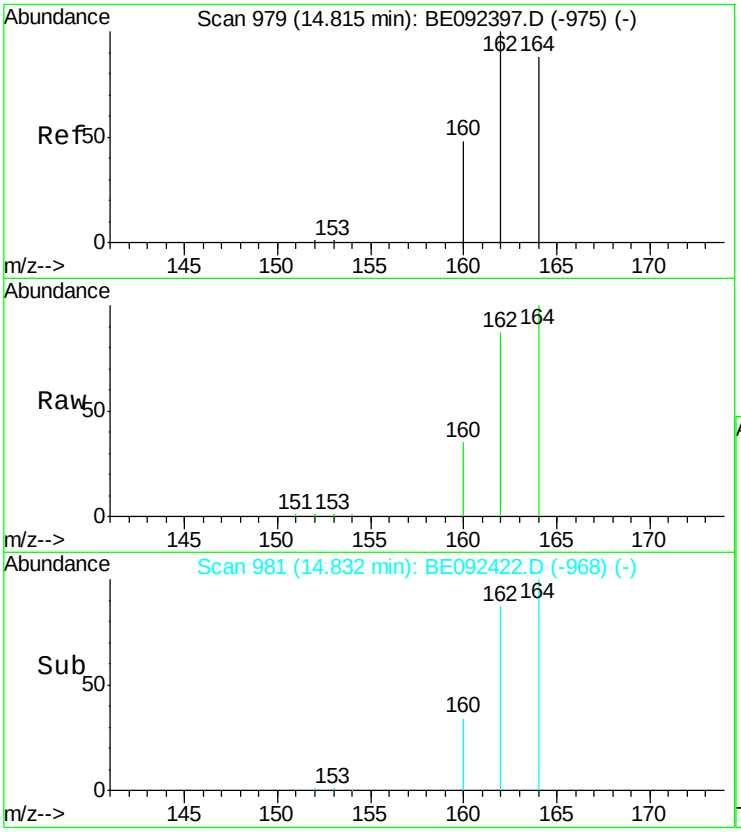


#8
Nitrobenzene-d5
Concen: 3.28 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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



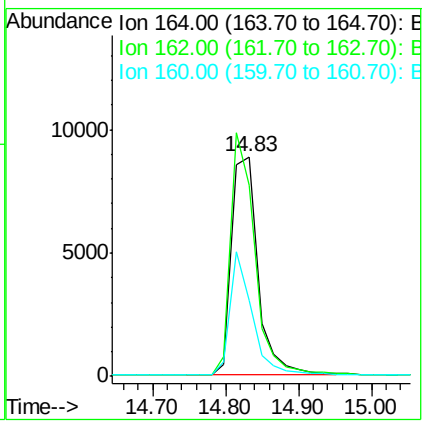


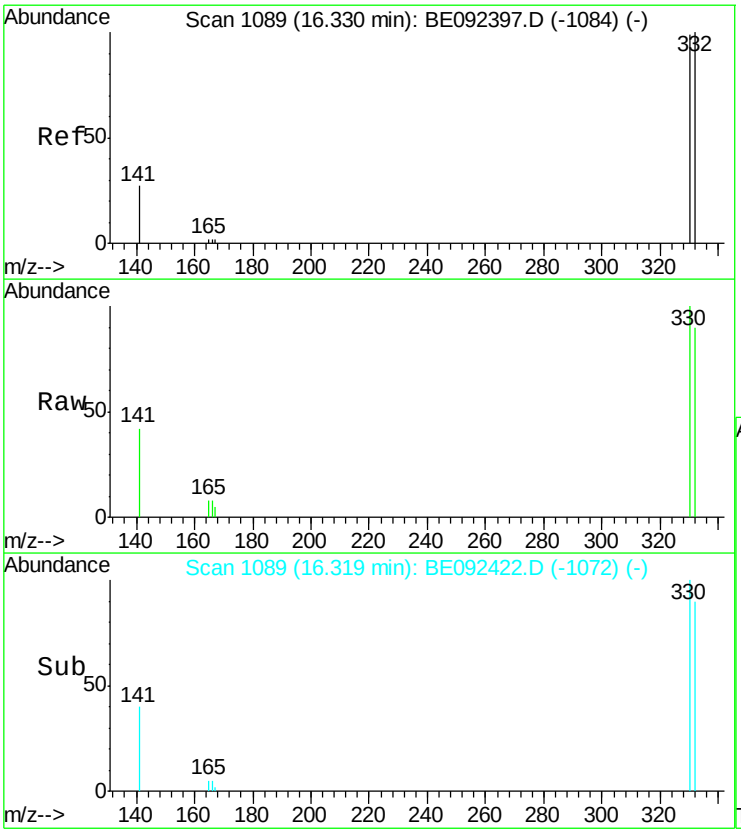
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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

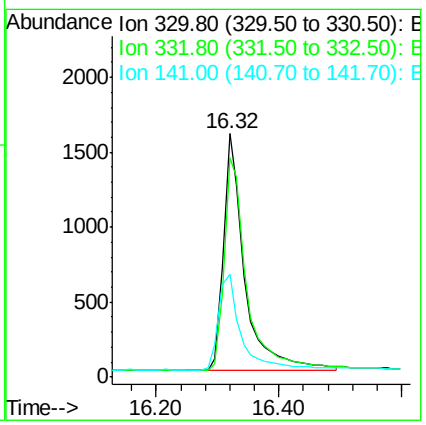


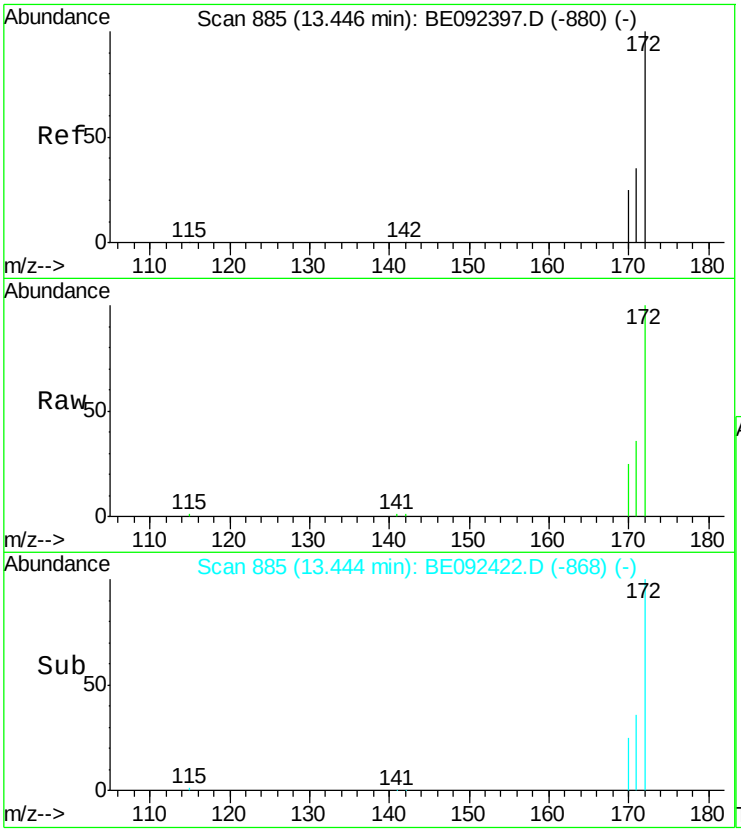


#13
2,4,6-Tribromophenol
Concen: 4.90 ng
RT: 16.32 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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



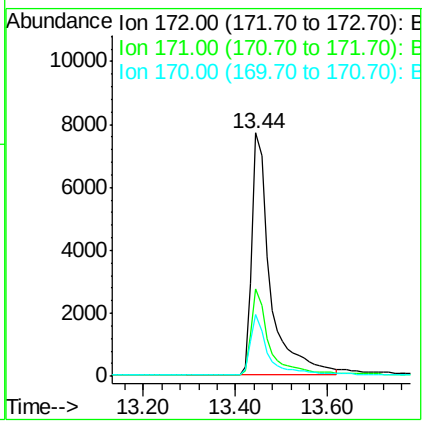


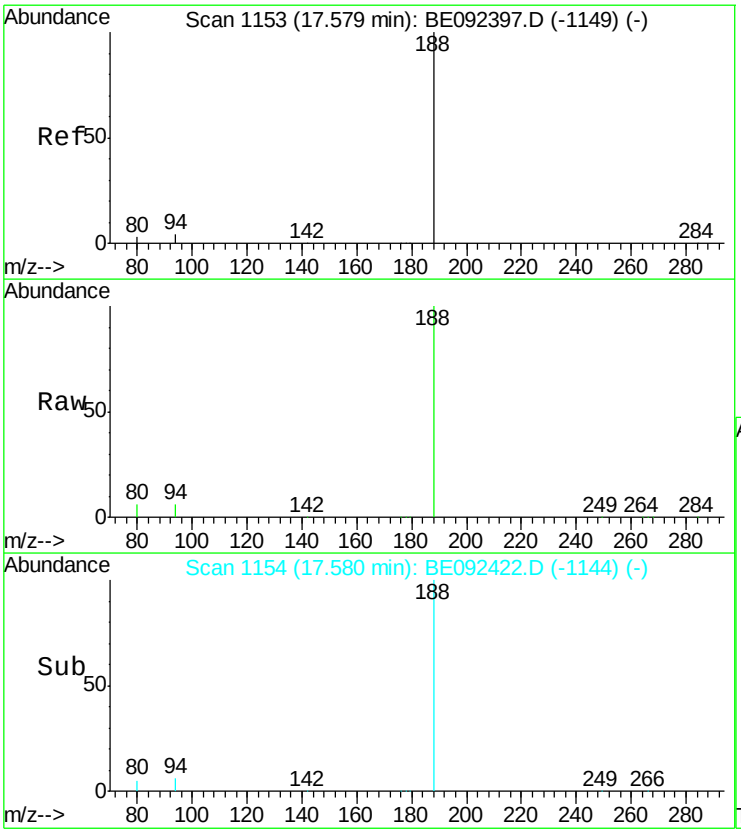
#14
2-Fluorobiphenyl
Concen: 4.01 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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

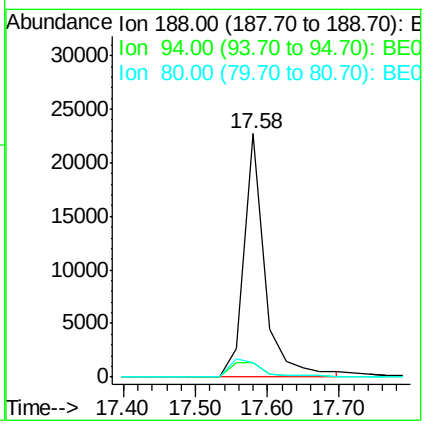


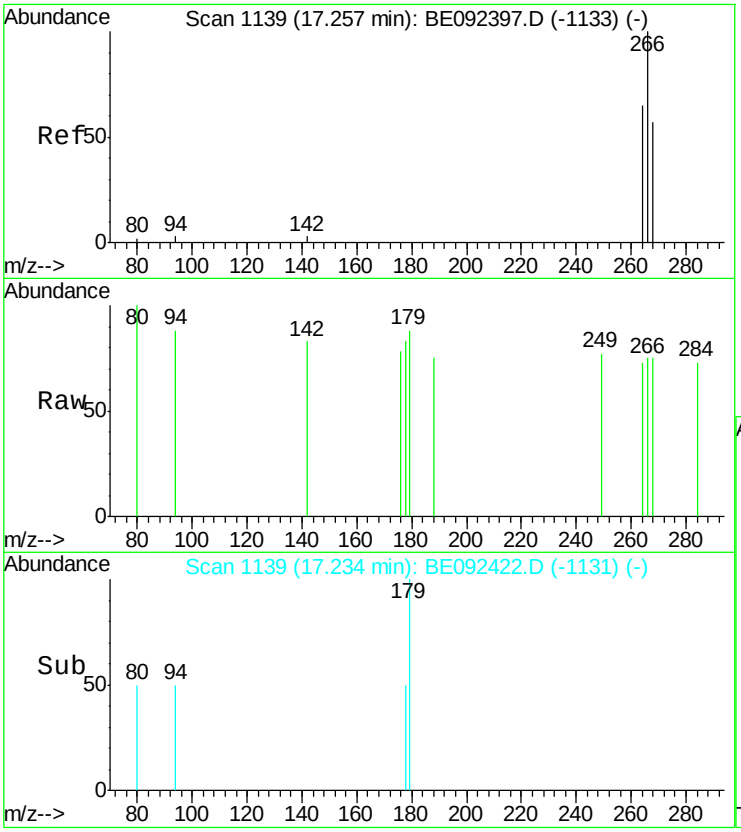


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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#



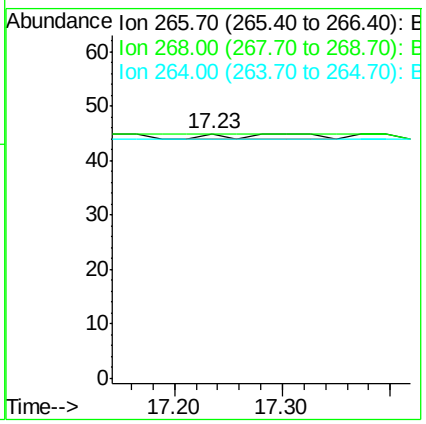


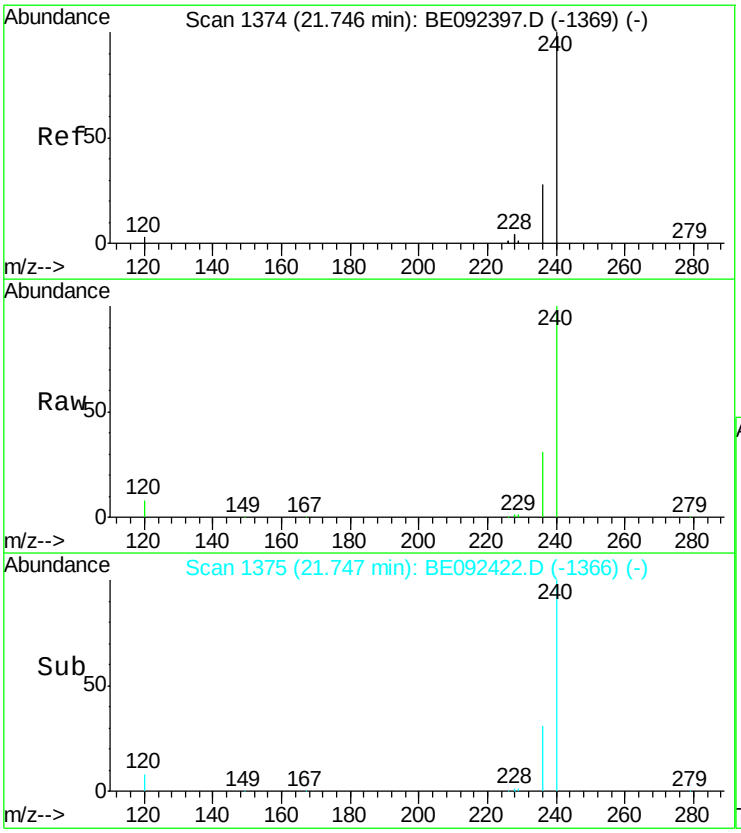
#20
Pentachlorophenol
Concen: 0.19 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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#

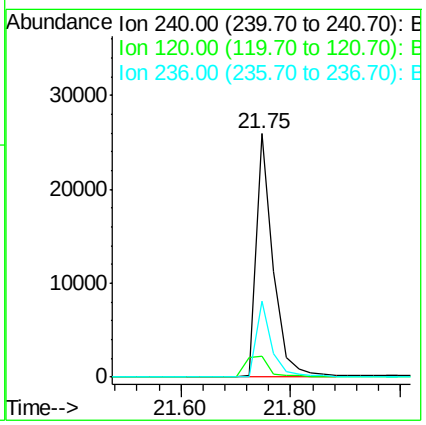


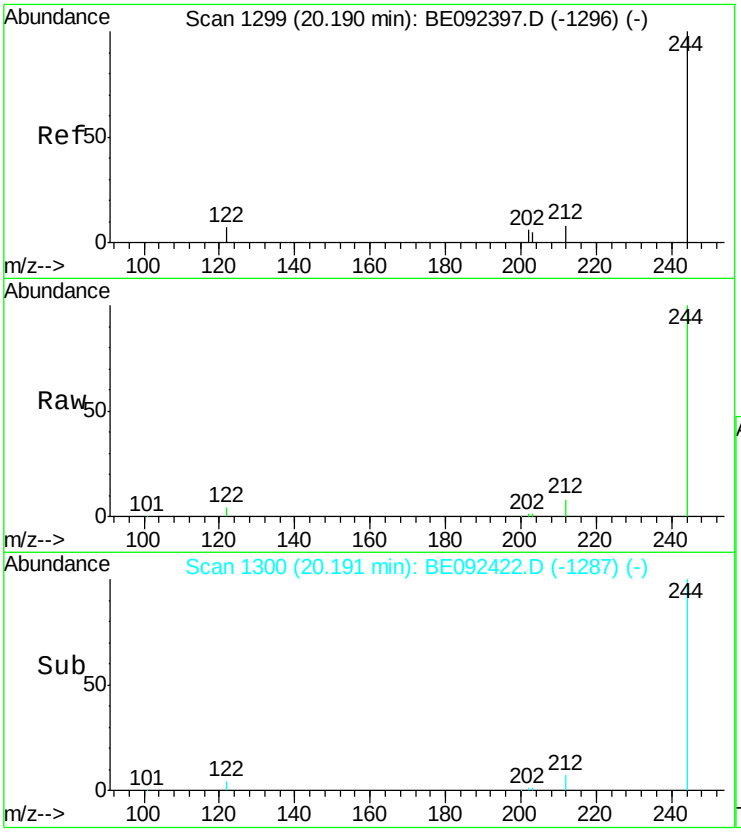


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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



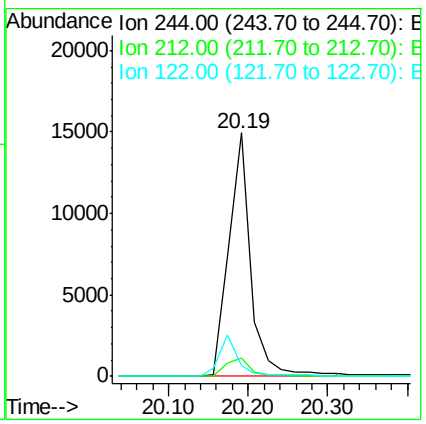


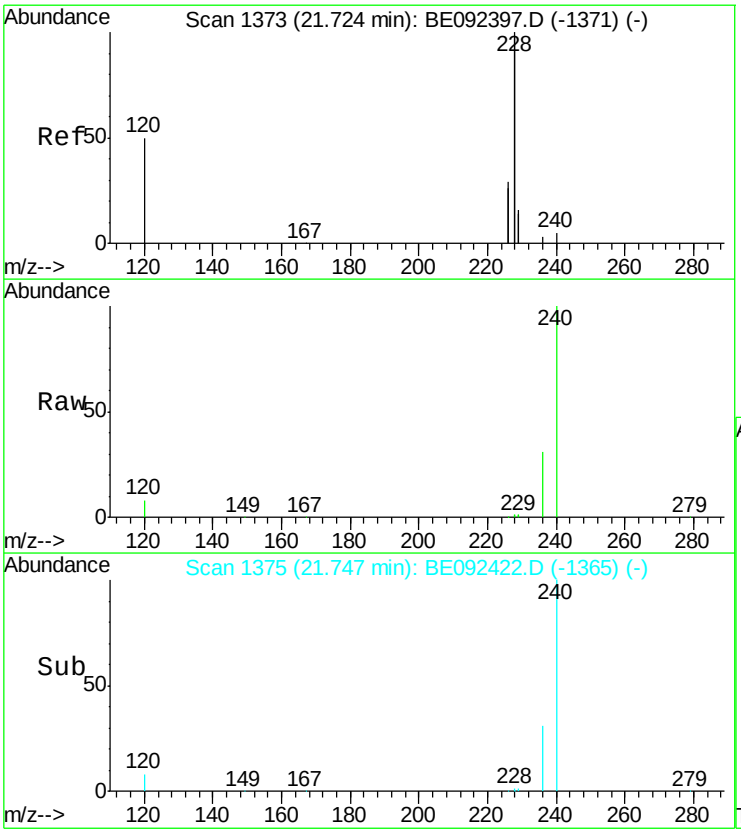
#26
Terphenyl-d14
Concen: 4.08 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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

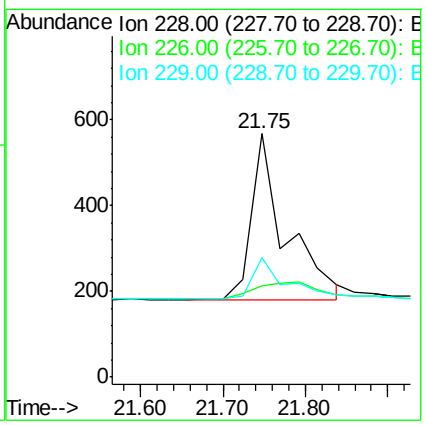


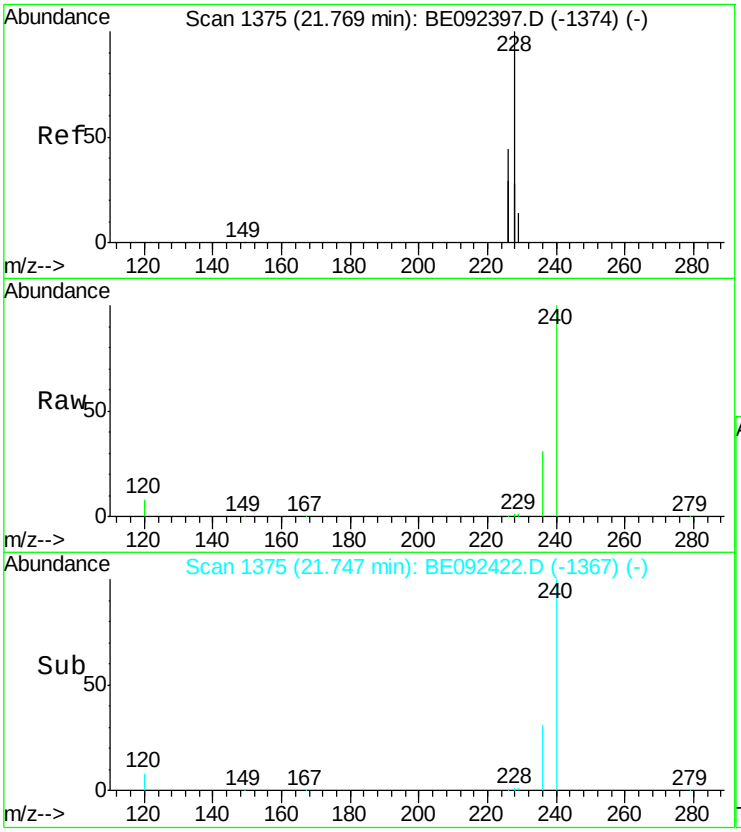


#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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#



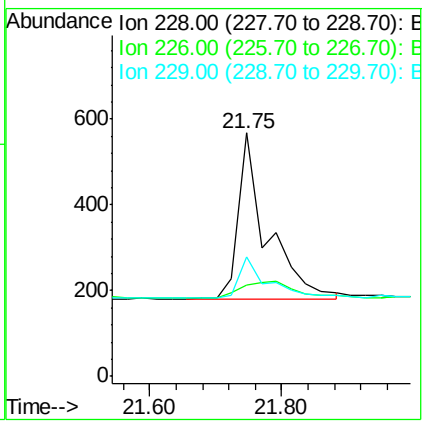


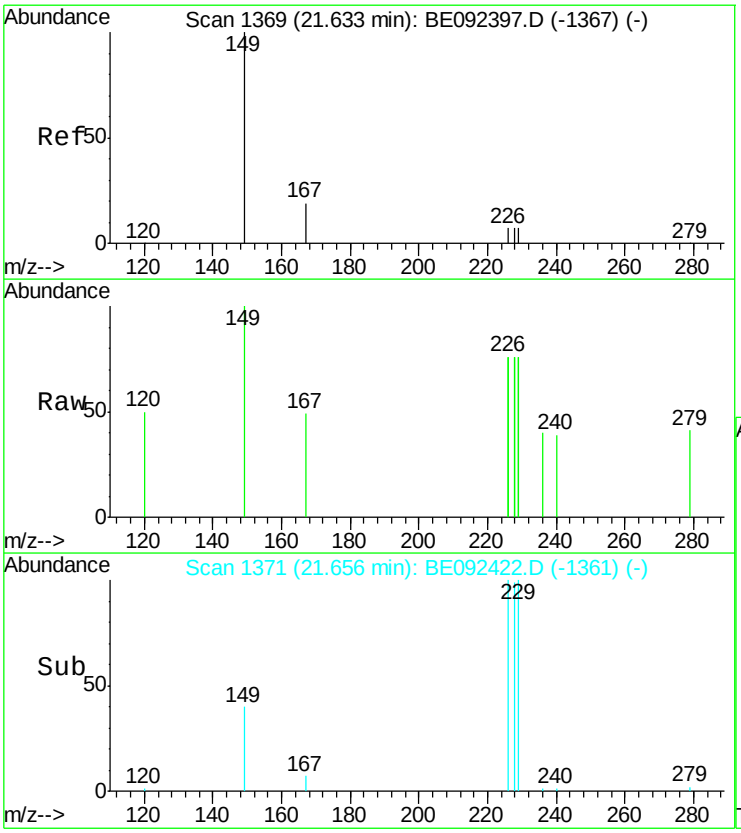
#28
Chrysene
Concen: 0.02 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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#

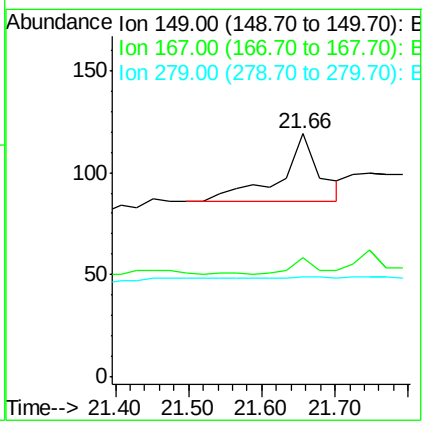


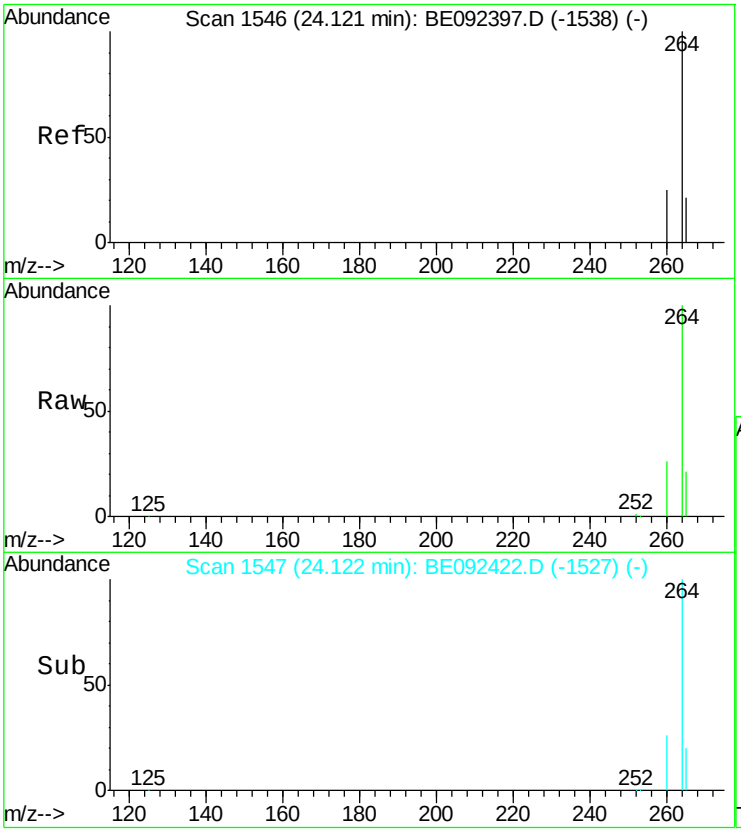


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 21.66 min Scan# 1371
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

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#





#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

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

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