Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE092316\
Data File : BE092421.D
Acq On : 23 Sep 2016 18:35
Operator : UM/SJ
Sample : H4818-05
Misc : LOD
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOD-WATER2016-05-QT4

Quant Time: Sep 23 19:16:20 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	8067	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	31987	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	21129	5.00	ng	0.02
18) Phenanthrene-d10	17.58	188	44336	5.00	ng	0.02
24) Chrysene-d12	21.75	240	56288	5.00	ng	0.00
31) Perylene-d12	24.12	264	57528	5.00	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	16402	8.61	ng	-0.02
5) Phenol-d6	7.33	99	20098	7.41	ng	-0.02
8) Nitrobenzene-d5	9.36	82	7799	3.44	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	3920	5.29	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	21496	4.30	ng	0.00
26) Terphenyl-d14	20.19	244	29462	4.22	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	5	Below Cal	#	19
6) bis(2-Chloroethyl)ether	7.68	93	30	0.10	ng	# 1
20) Pentachlorophenol	17.30	266	1	0.18	ng	# 72
27) Benzo(a)anthracene	21.75	228	1163	0.02	ng	# 65
28) Chrysene	21.75	228	1206	0.02	ng	# 69
29) Bis(2-ethylhexyl)phthalate	21.66	149	153	0.03	ng	# 79

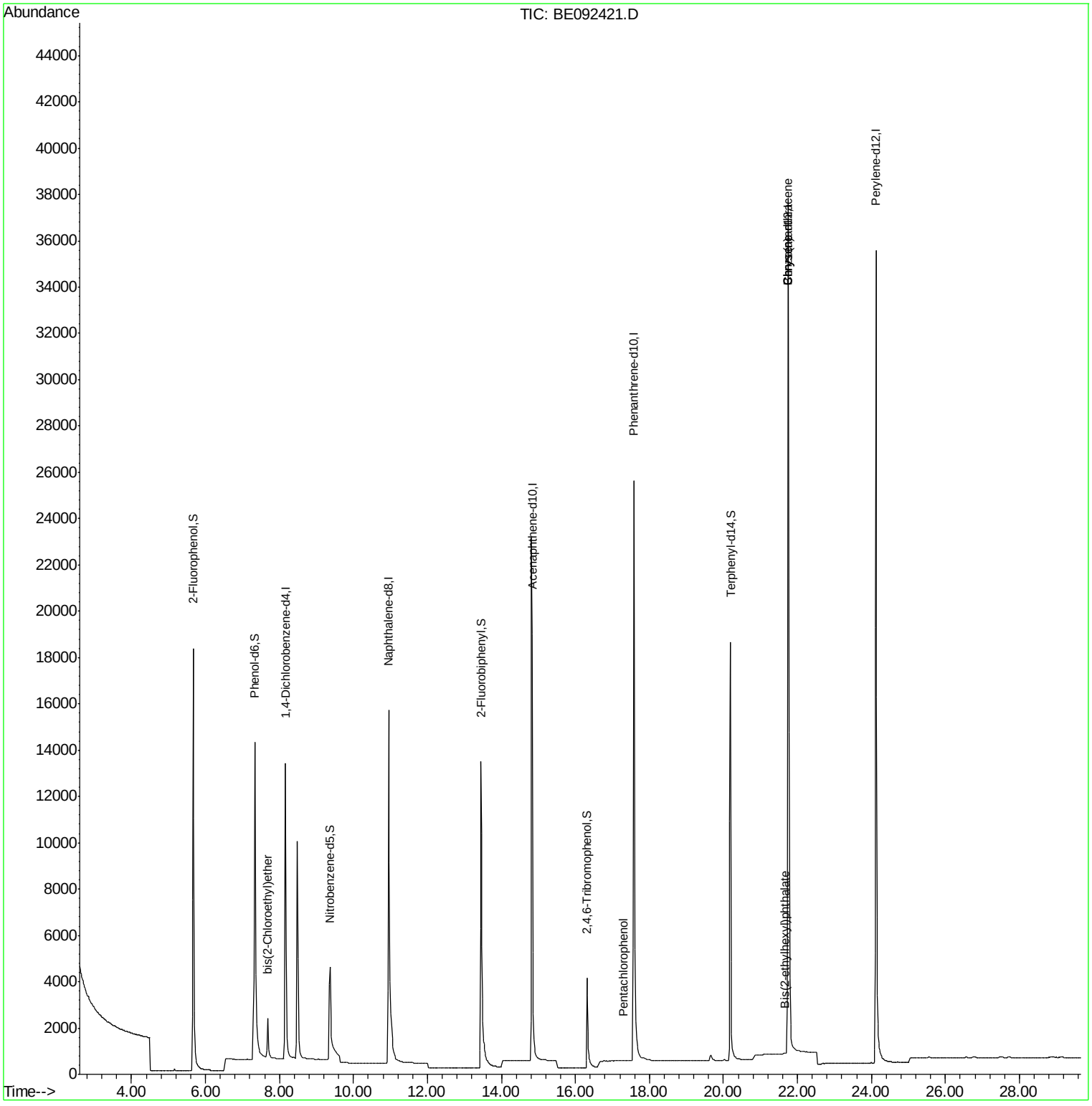
(#) = qualifier out of range (m) = manual integration (+) = signals summed

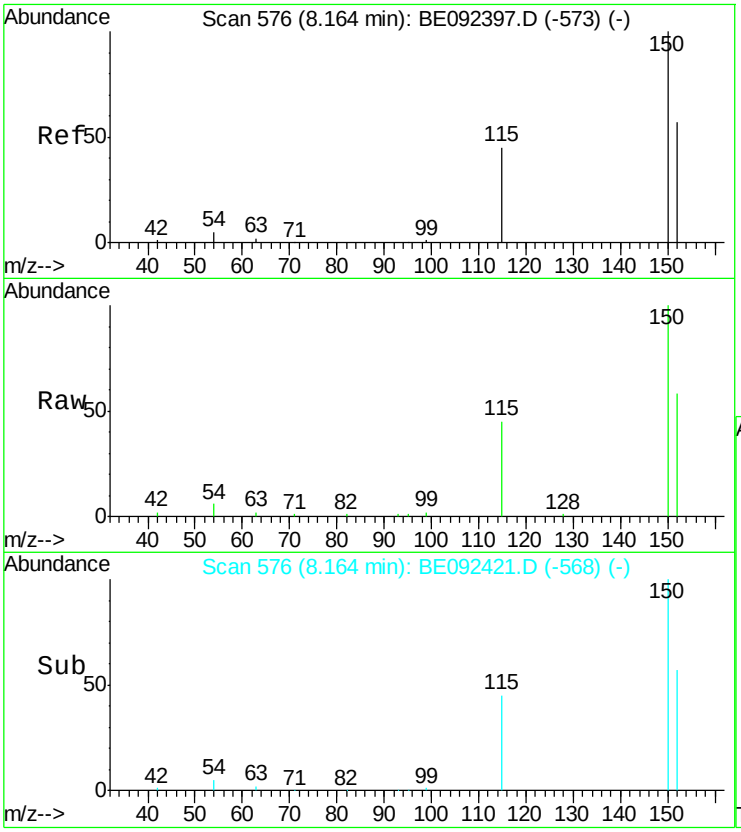
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE092316\
Data File : BE092421.D
Acq On : 23 Sep 2016 18:35
Operator : UM/SJ
Sample : H4818-05
Misc : LOD
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-05-QT4

Quant Time: Sep 23 19:16:20 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



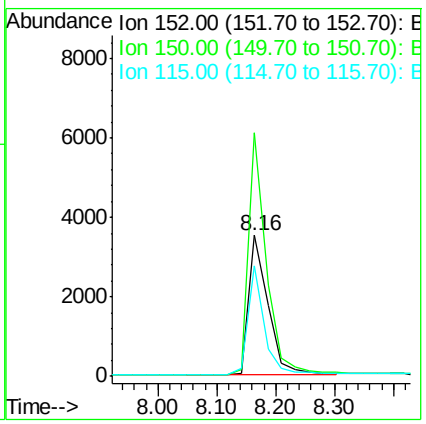


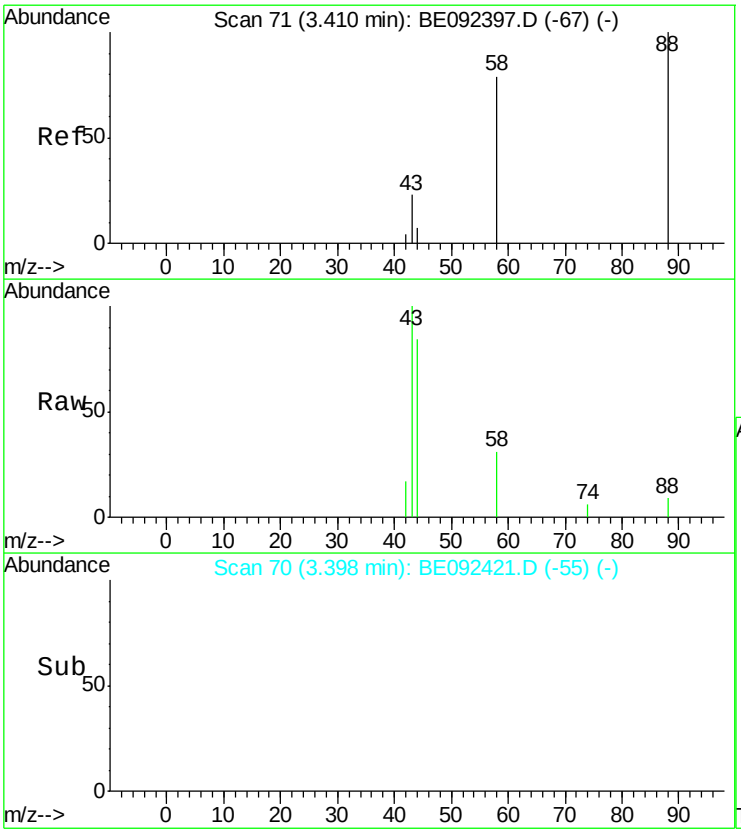
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:152 Resp: 8067

Ion	Ratio	Lower	Upper
152	100		
150	173.1	106.0	159.0#
115	78.1	31.2	46.8#

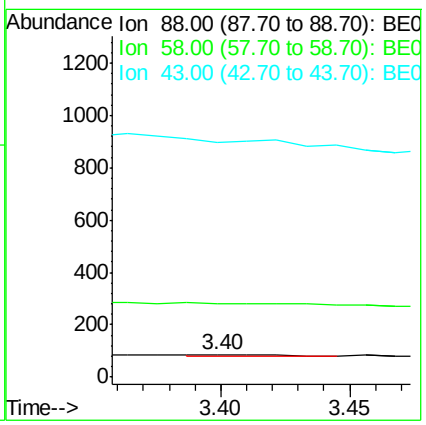


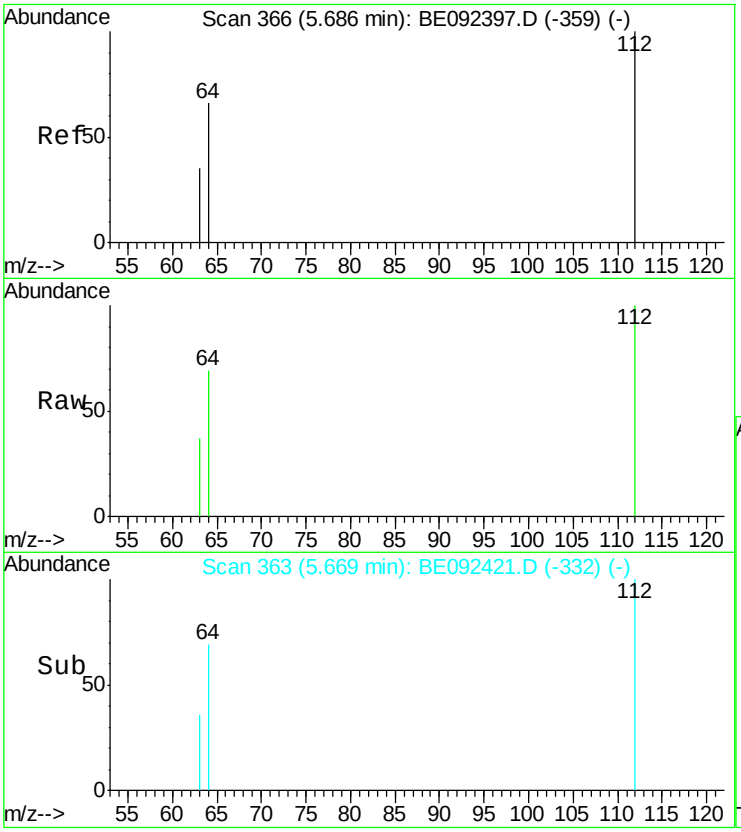


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.40 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

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#



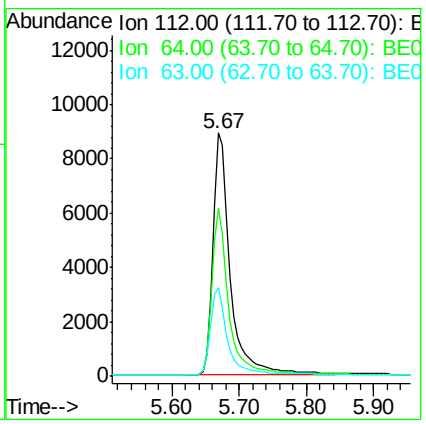


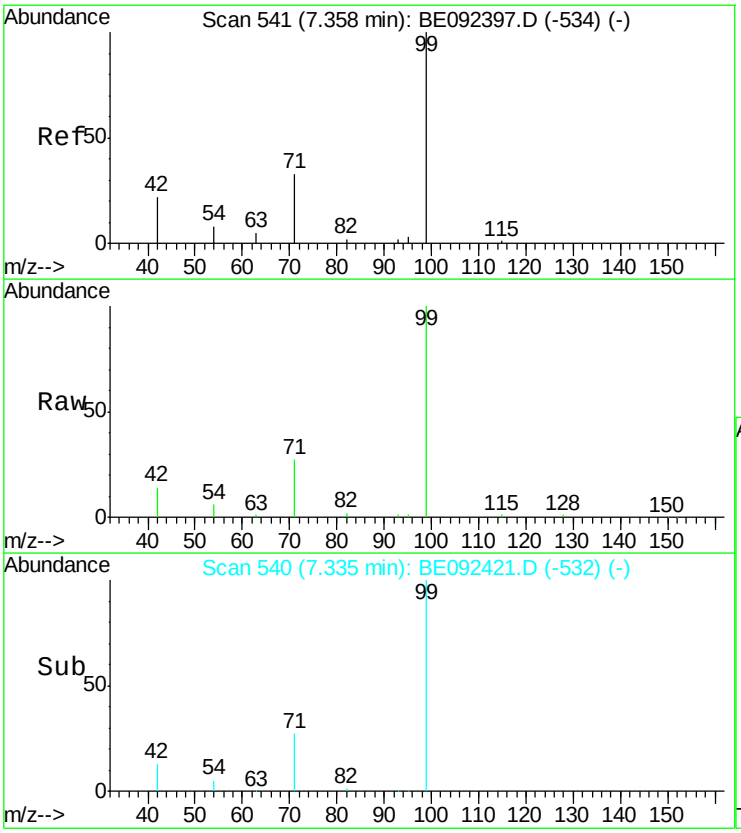
#4
2-Fluorophenol
Concen: 8.61 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:112 Resp: 16402

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.5	80.3
63	35.8	27.9	41.9

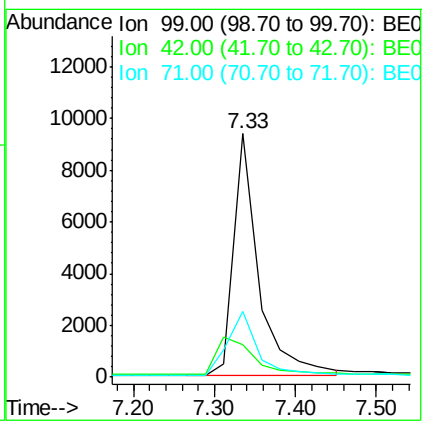


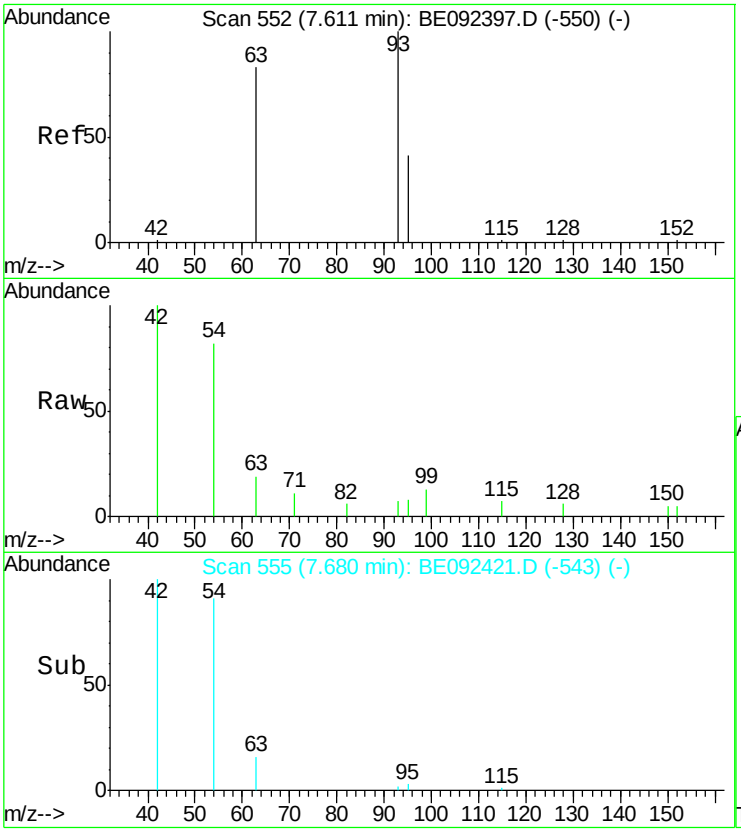


#5
Phenol-d6
Concen: 7.41 ng
RT: 7.33 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Tgt Ion: 99 Resp: 20098

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	32.7	30.6	45.8



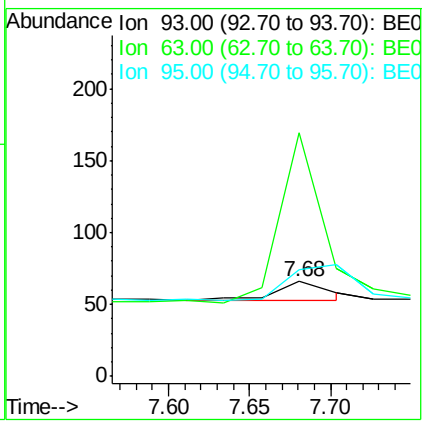


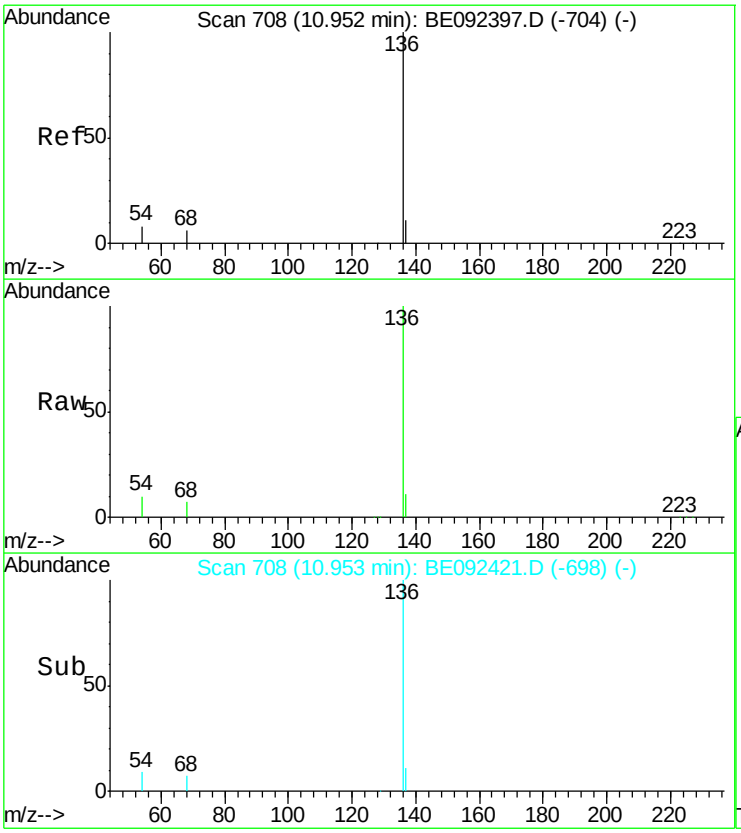
#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.68 min Scan# 555
Delta R.T. 0.07 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion: 93 Resp: 30

Ion	Ratio	Lower	Upper
93	100		
63	690.0	71.6	107.4#
95	0.0	24.0	36.0#

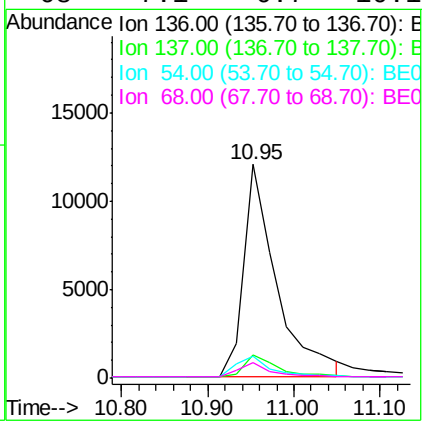


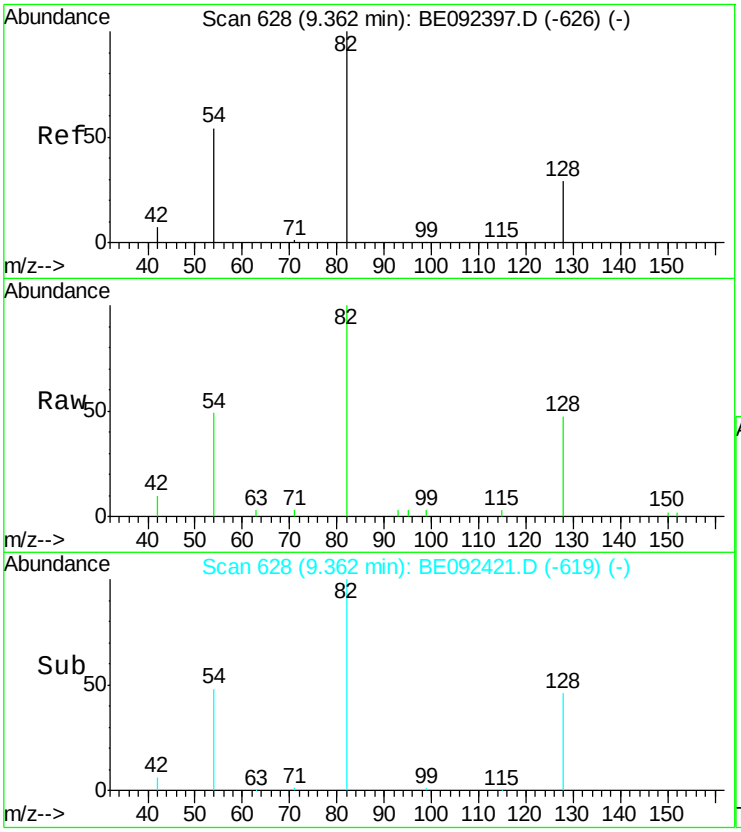


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Tgt Ion:136 Resp: 31987

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	9.9	9.6	14.4
68	7.1	6.7	10.1



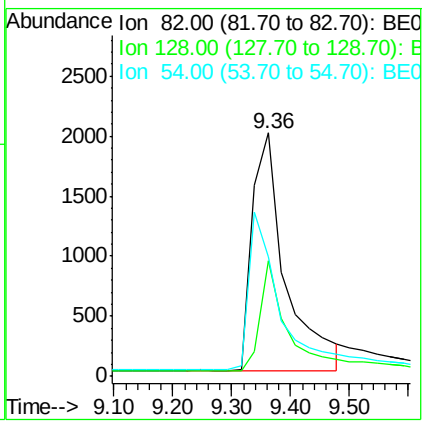


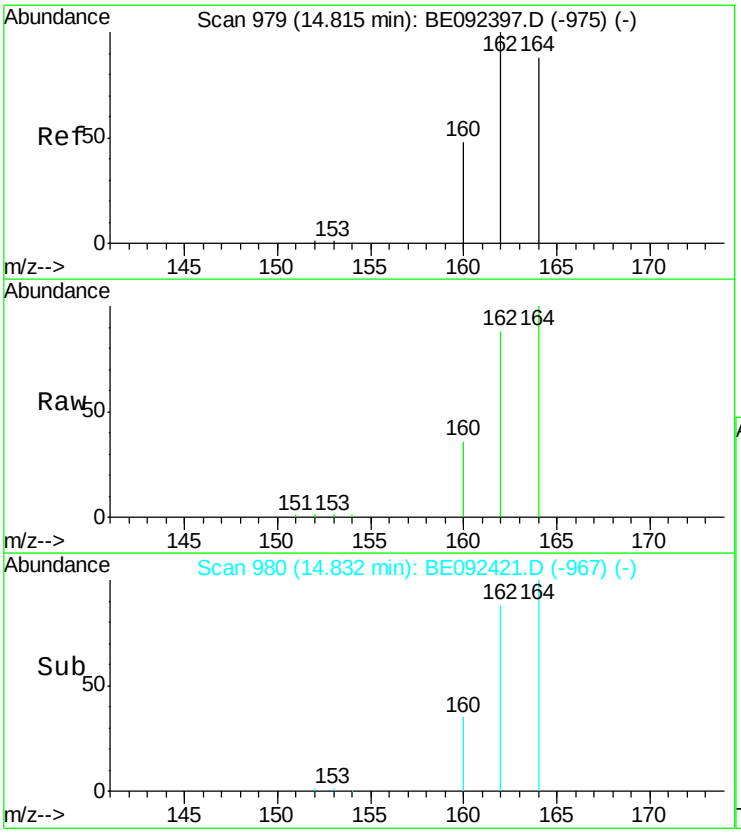
#8
Nitrobenzene-d5
Concen: 3.44 ng
RT: 9.36 min Scan# 628
Delta R.T. -0.00 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion: 82 Resp: 7799

Ion	Ratio	Lower	Upper
82	100		
128	47.3	39.0	58.4
54	49.1	44.8	67.2

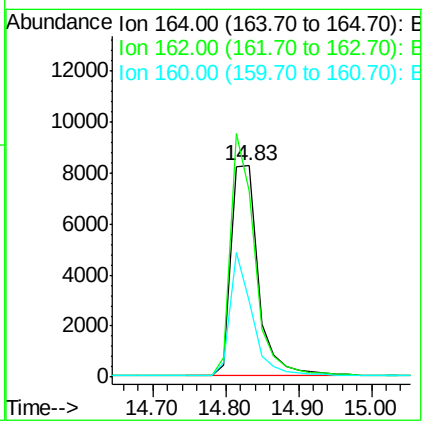


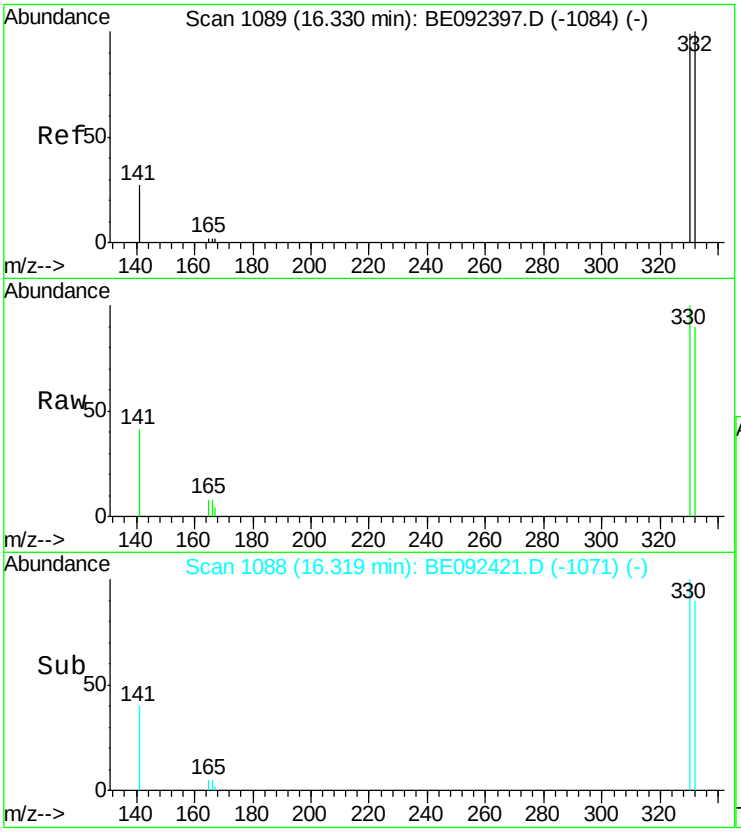


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 980
Delta R.T. 0.02 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Tgt Ion:164 Resp: 21129

Ion	Ratio	Lower	Upper
164	100		
162	88.4	71.4	107.0
160	35.8	27.4	41.2



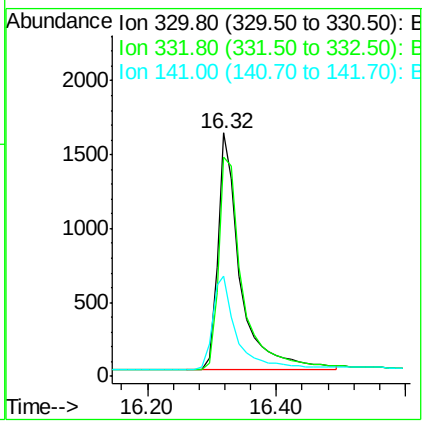


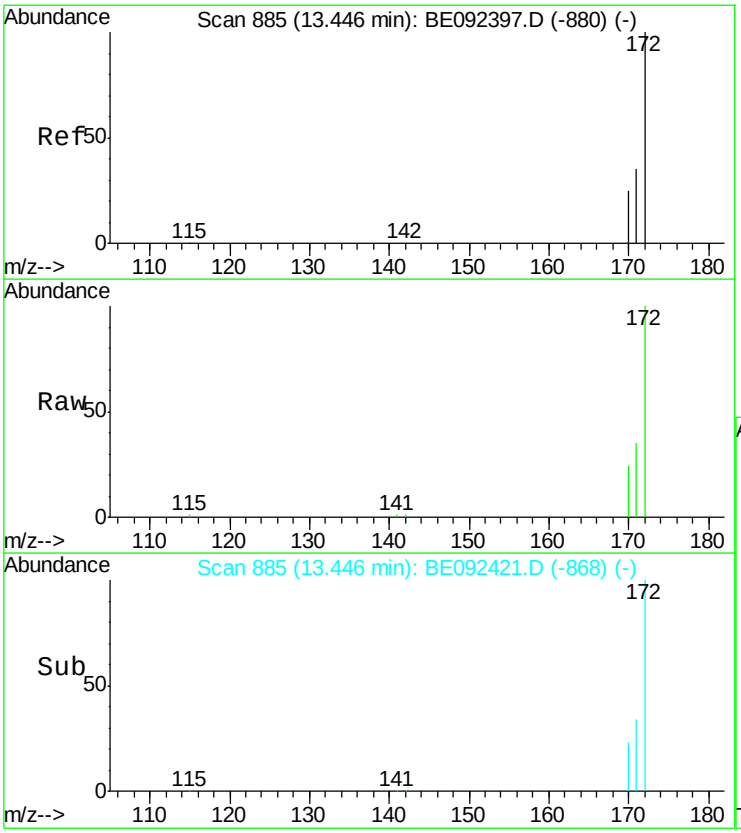
#13
2,4,6-Tribromophenol
Concen: 5.29 ng
RT: 16.32 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:330 Resp: 3920

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.0
141	42.5	31.0	46.6

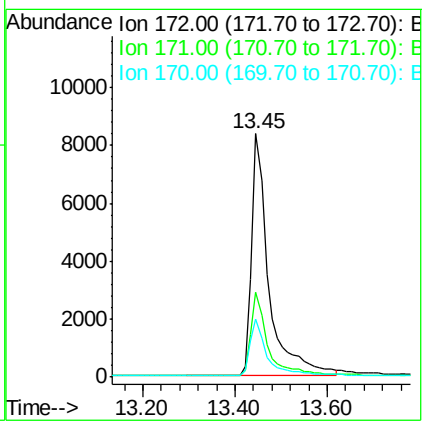


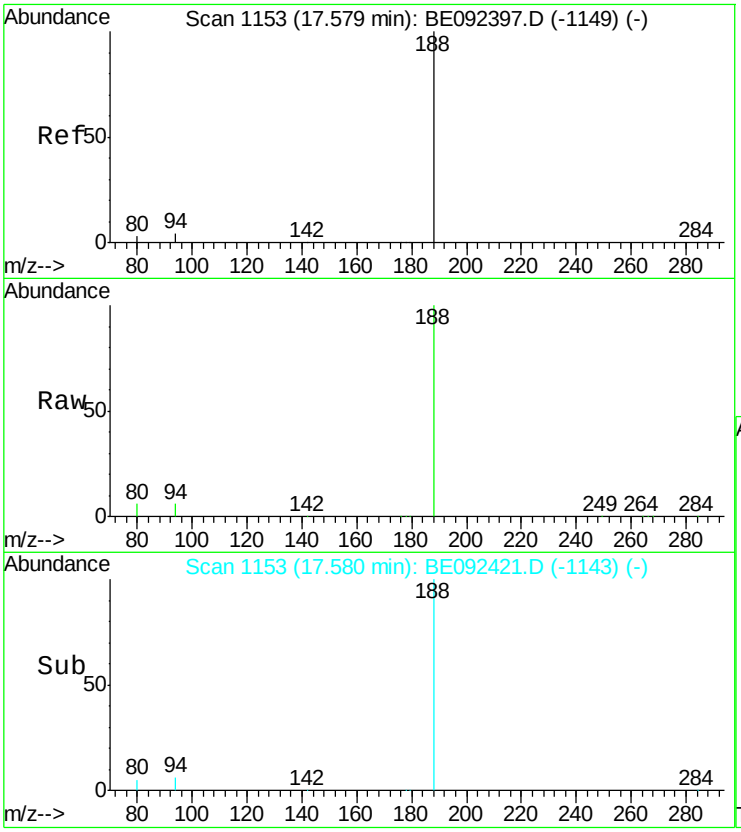


#14
2-Fluorobiphenyl
Concen: 4.30 ng
RT: 13.45 min Scan# 885
Delta R.T. 0.00 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Tgt Ion:172 Resp: 21496

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.1	45.1
170	23.7	21.8	32.6



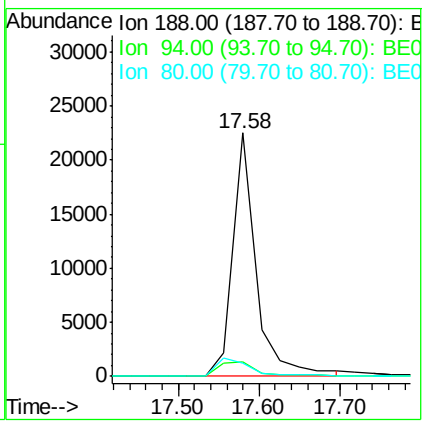


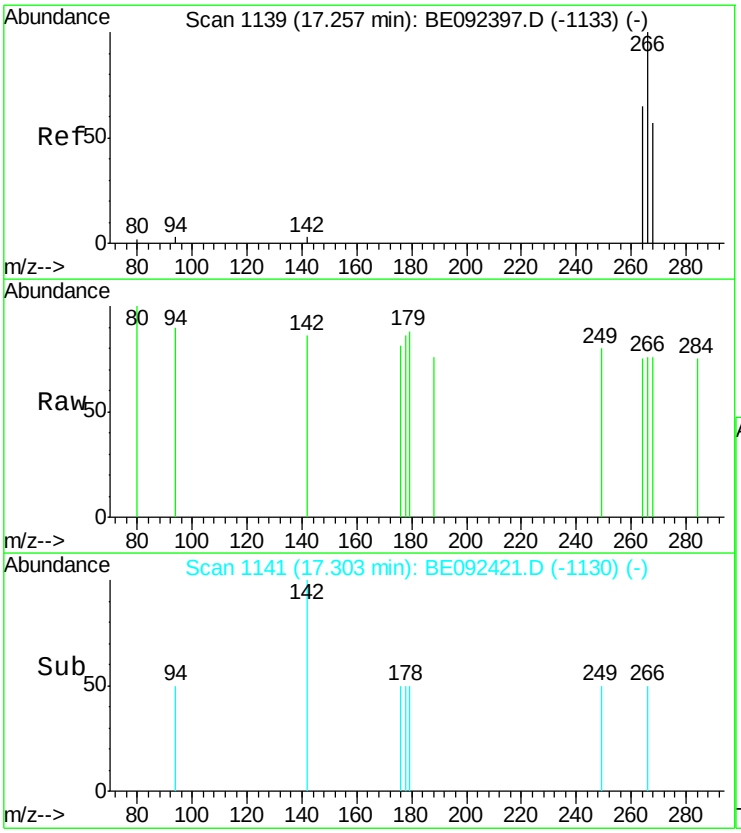
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:188 Resp: 44336

Ion	Ratio	Lower	Upper
188	100		
94	6.1	3.2	4.8#
80	5.7	2.6	3.8#

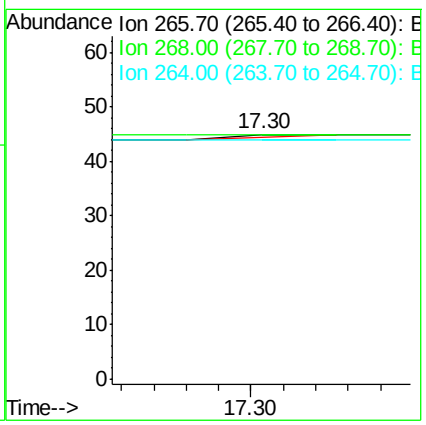


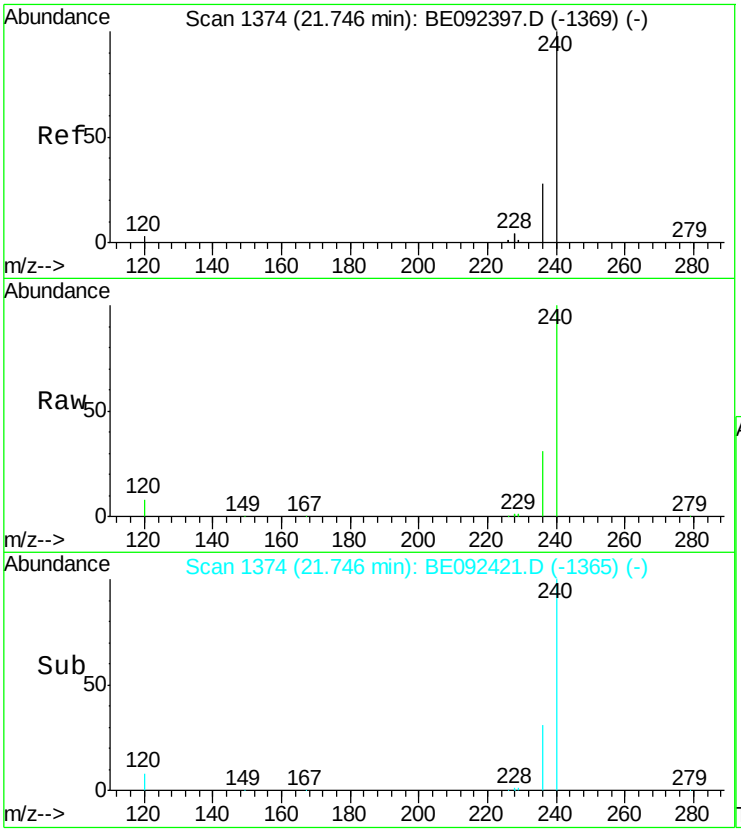


#20
Pentachlorophenol
Concen: 0.18 ng
RT: 17.30 min Scan# 1141
Delta R.T. 0.05 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Tgt Ion:266 Resp: 1

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



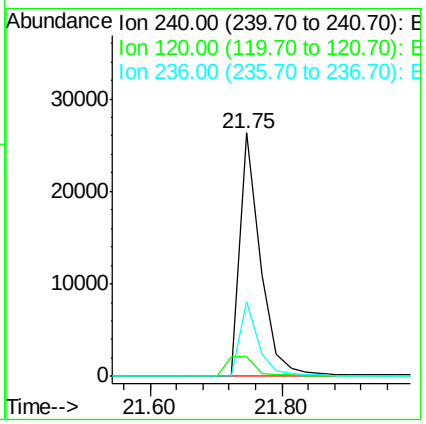


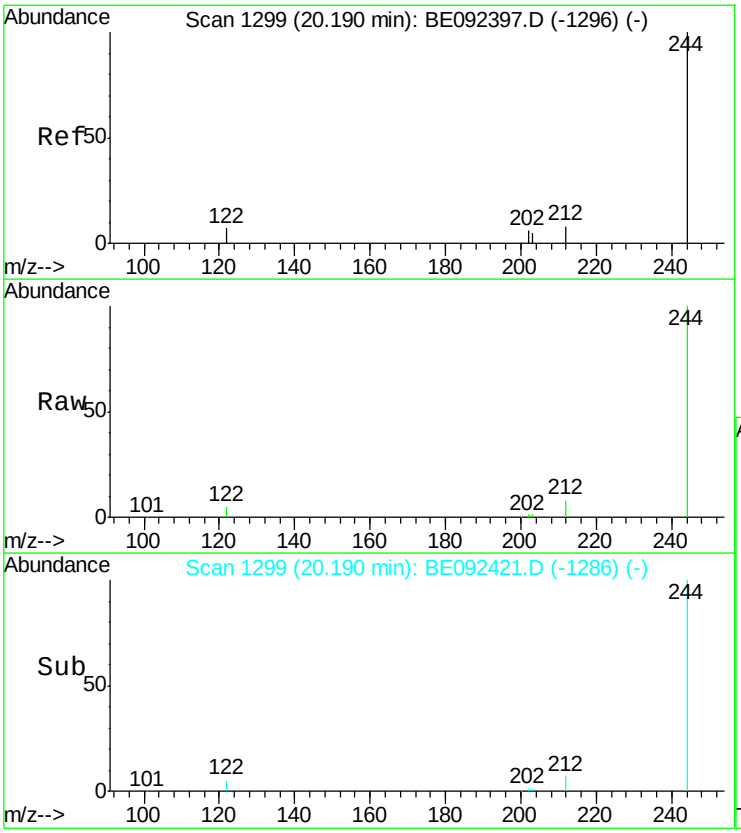
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:240 Resp: 56288

Ion	Ratio	Lower	Upper
240	100		
120	7.9	2.6	4.0#
236	30.9	24.6	37.0

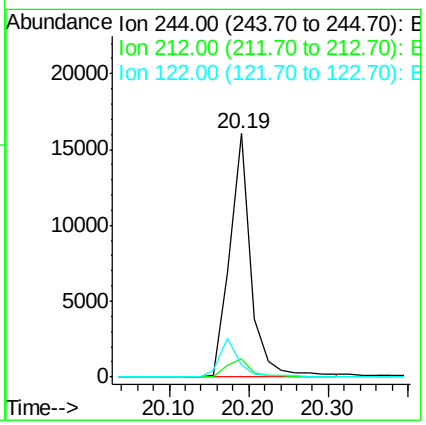


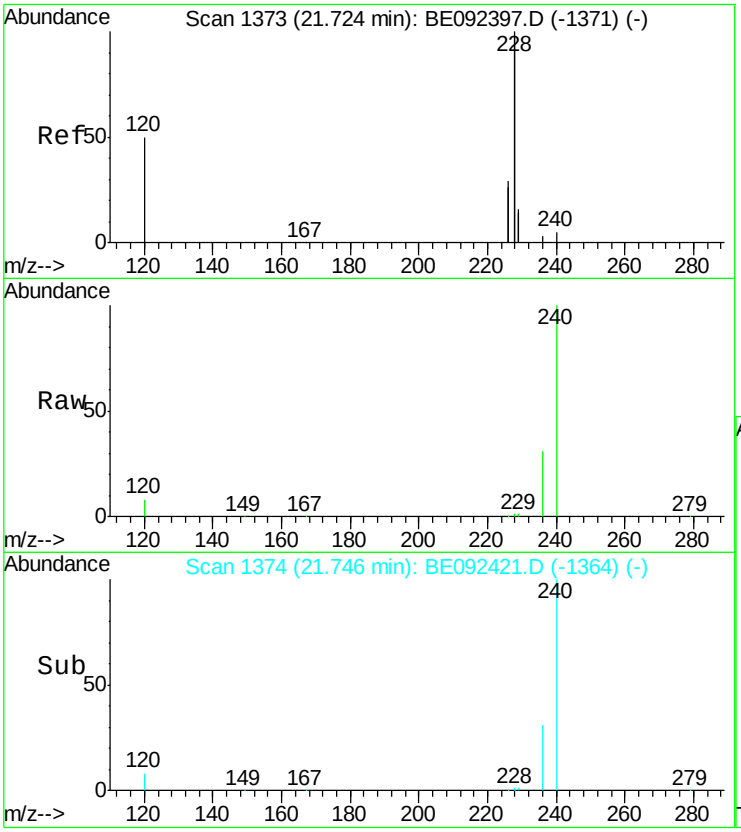


#26
Terphenyl-d14
Concen: 4.22 ng
RT: 20.19 min Scan# 1299
Delta R.T. 0.02 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Tgt Ion:244 Resp: 29462

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.7	10.1
122	4.8	3.6	5.4



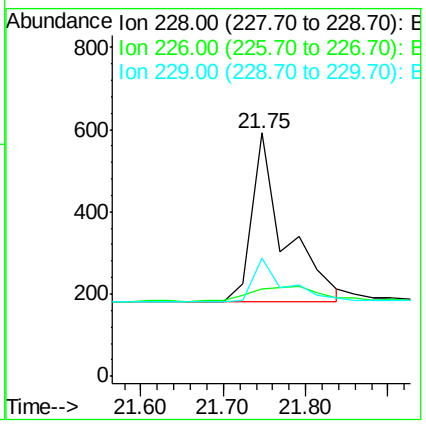


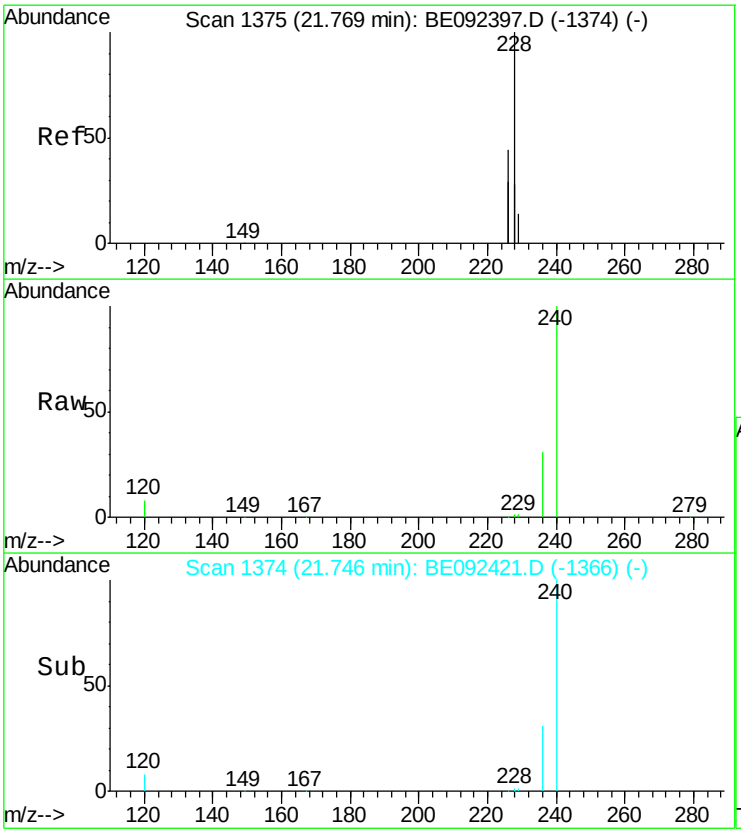
#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.75 min Scan# 1374
Delta R.T. 0.02 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:228 Resp: 1163

Ion	Ratio	Lower	Upper
228	100		
226	36.1	23.6	35.4#
229	48.6	13.3	19.9#

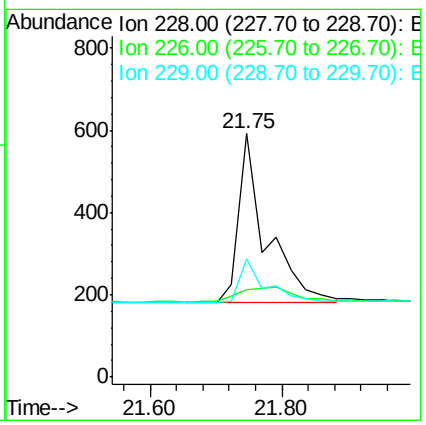


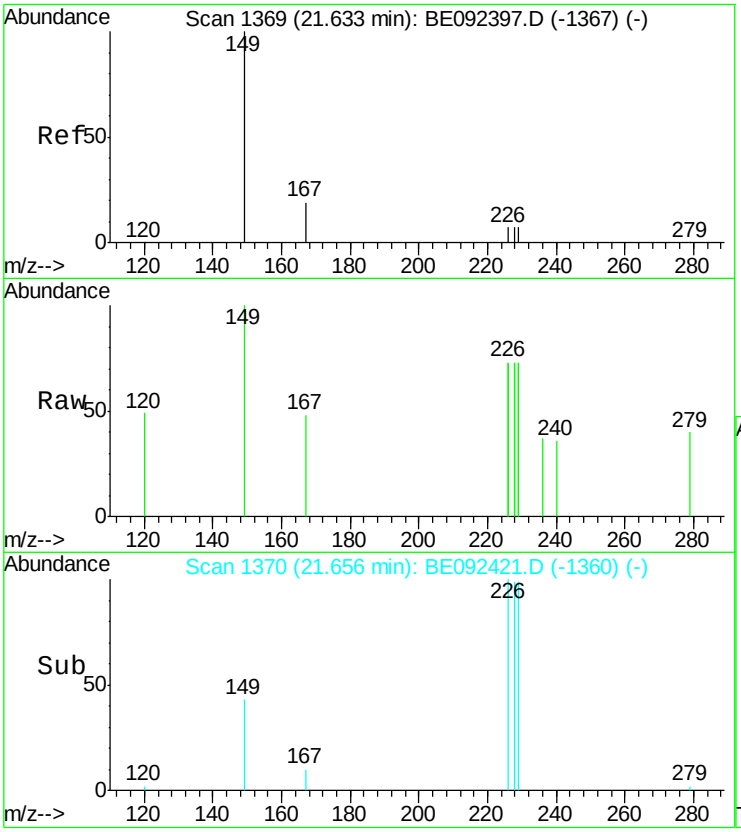


#28
Chrysene
Concen: 0.02 ng
RT: 21.75 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Tgt Ion:228 Resp: 1206

Ion	Ratio	Lower	Upper
228	100		
226	36.1	36.3	54.5#
229	48.6	10.6	16.0#



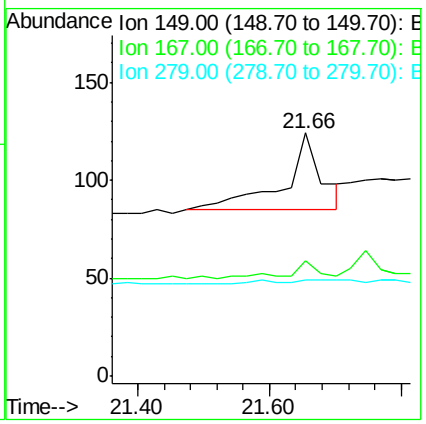


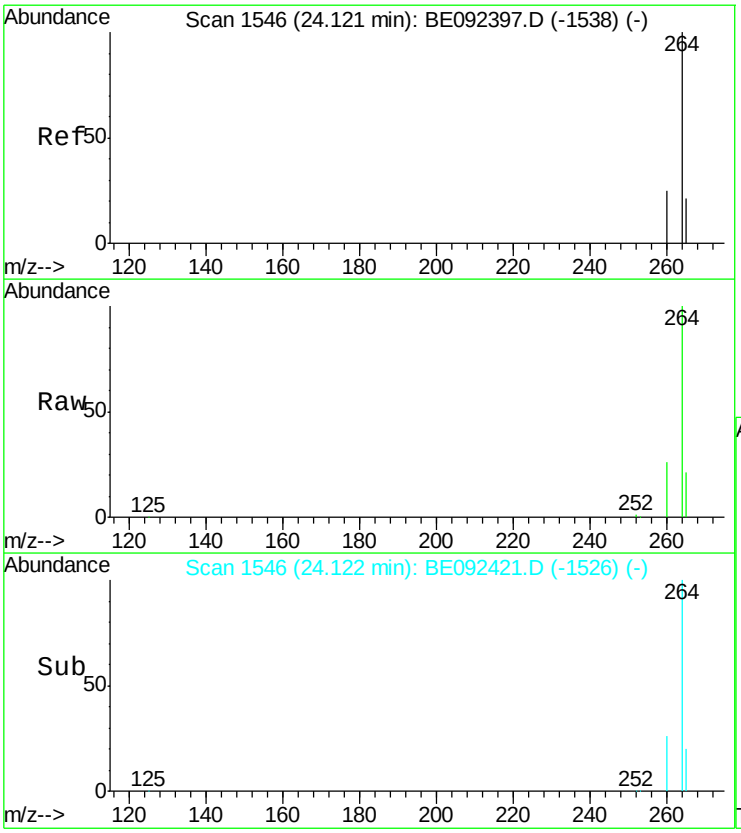
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 21.66 min Scan# 1370
Delta R.T. 0.02 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:149 Resp: 153

Ion	Ratio	Lower	Upper
149	100		
167	17.0	16.0	24.0
279	3.3	16.0	24.0#





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1546
Delta R.T. 0.03 min
Lab File: BE092421.D
Acq: 23 Sep 2016 18:35

Tgt Ion:264 Resp: 57528

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	20.7	17.9	26.9