Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
Data File : BE092444.D
Acq On : 7 Oct 2016 12:47
Operator : UM/SJ
Sample : H5095-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-161004

Quant Time: Oct 07 22:56:31 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	8.17	152	9268	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	41656	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	32121	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	67017	5.00	ng	0.02
24) Chrysene-d12	21.75	240	93209	5.00	ng	0.00
31) Perylene-d12	24.11	264	77385	5.00	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	6261	2.94	ng	-0.02
5) Phenol-d6	7.34	99	4439	1.49	ng	-0.02
8) Nitrobenzene-d5	9.34	82	9851	3.34	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	7074	6.25	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	29749	3.91	ng	-0.01
26) Terphenyl-d14	20.17	244	53736	4.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	68	Below Cal	#	80
3) n-Nitrosodimethylamine	3.83	42	3	0.19	ng #	2
6) bis(2-Chloroethyl)ether	7.68	93	21	0.10	ng #	1
20) Pentachlorophenol	17.28	266	28	0.20	ng #	76
27) Benzo(a)anthracene	21.72	228	3939	0.04	ng #	85
28) Chrysene	21.72	228	3988	0.05	ng #	77
29) Bis(2-ethylhexyl)phthalate	21.63	149	4595	0.59	ng #	76

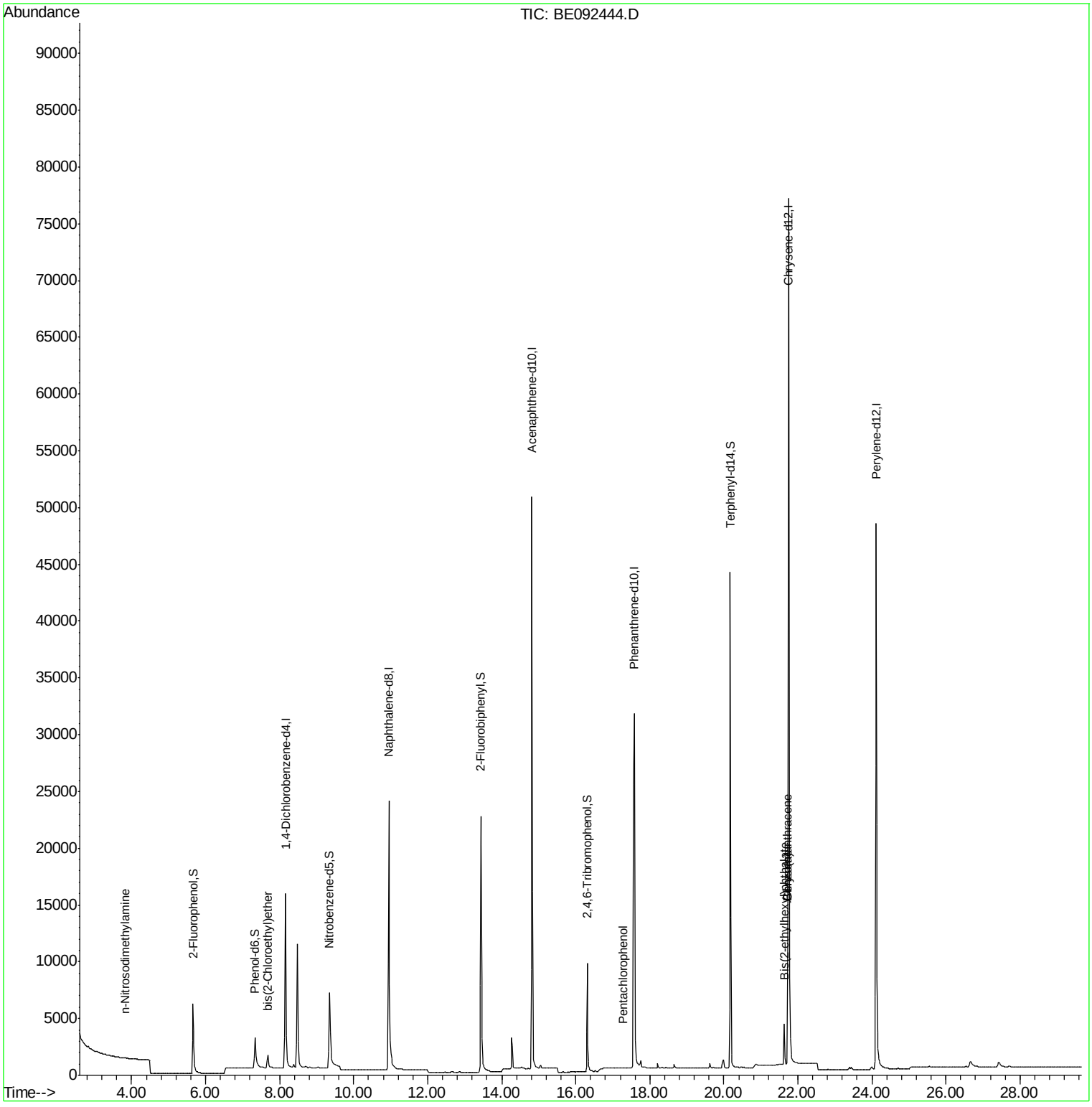
(#) = qualifier out of range (m) = manual integration (+) = signals summed

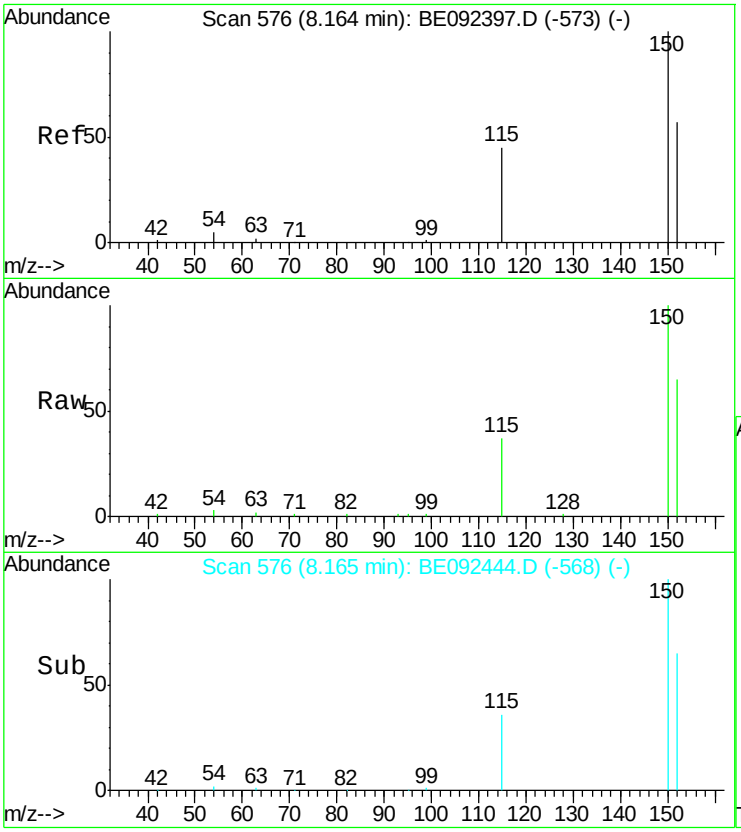
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
Data File : BE092444.D
Acq On : 7 Oct 2016 12:47
Operator : UM/SJ
Sample : H5095-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161004

Quant Time: Oct 07 22:56:31 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



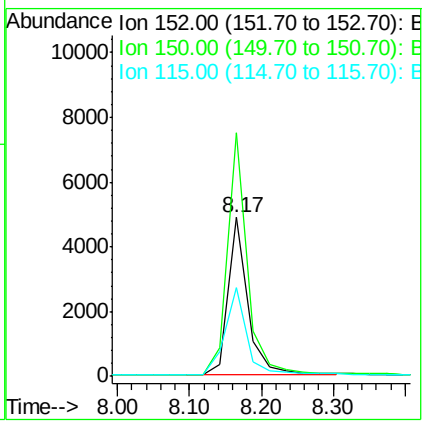


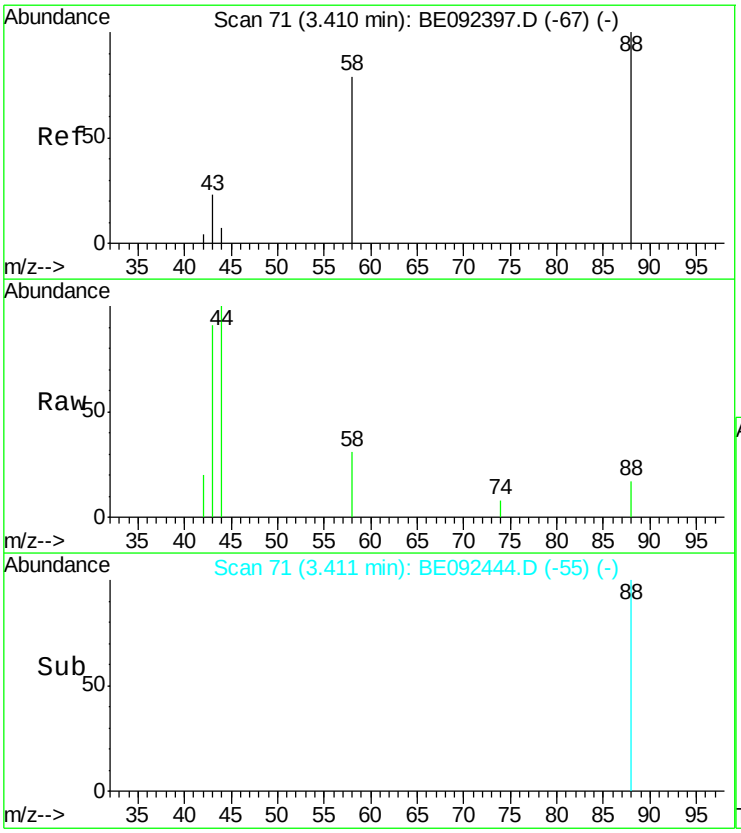
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161004

Tgt Ion:152 Resp: 9268

Ion	Ratio	Lower	Upper
152	100		
150	153.5	106.0	159.0
115	56.1	31.2	46.8#

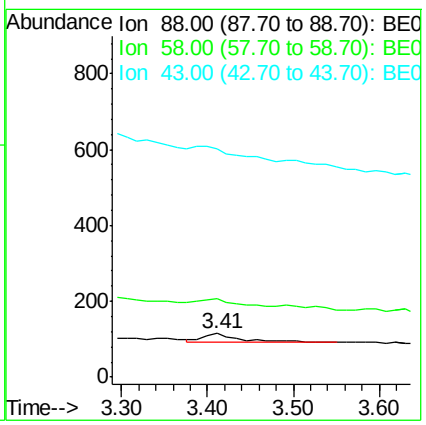


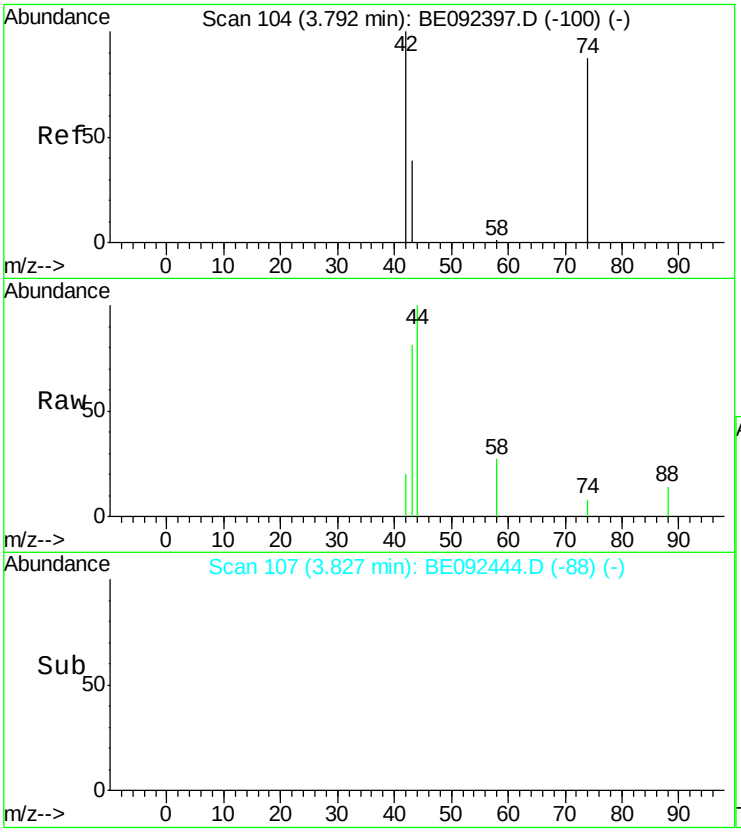


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.41 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
58	80.9	63.6	95.4
43	0.0	28.0	42.0#



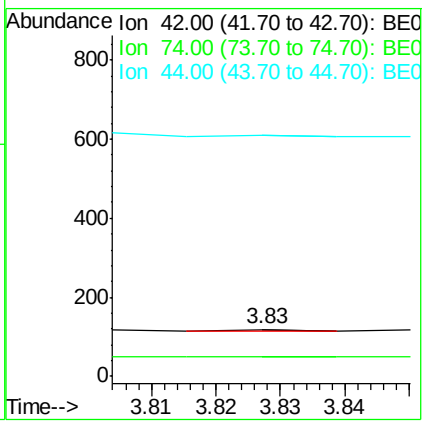


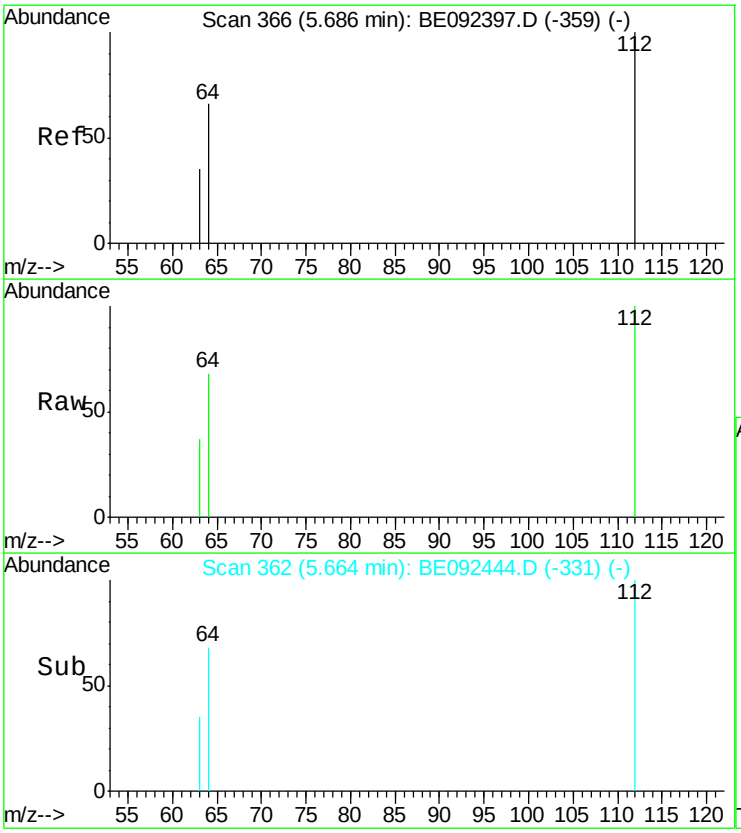
#3
n-Nitrosodimethylamine
Concen: 0.19 ng
RT: 3.83 min Scan# 107
Delta R.T. 0.03 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161004

Tgt Ion: 42 Resp: 3

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

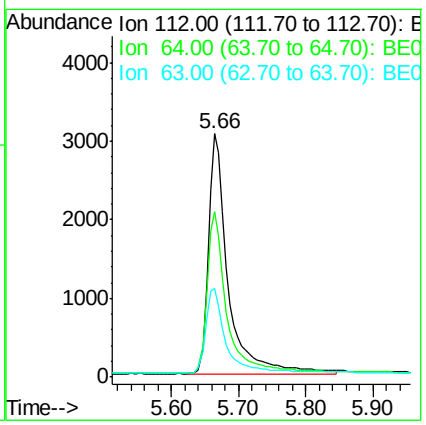


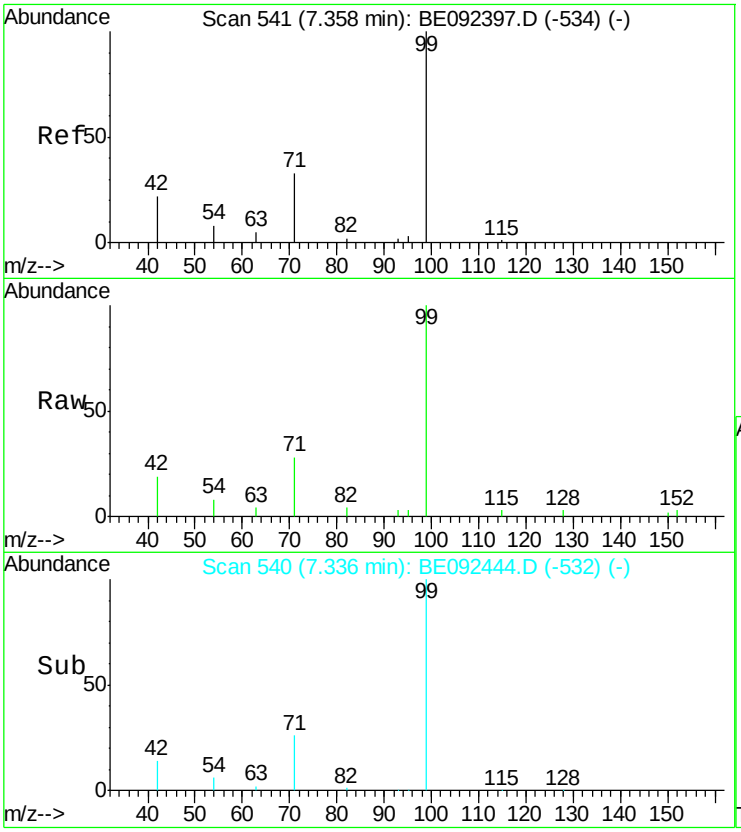


#4
2-Fluorophenol
Concen: 2.94 ng
RT: 5.66 min Scan# 362
Delta R.T. -0.02 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Tgt Ion:112 Resp: 6261

Ion	Ratio	Lower	Upper
112	100		
64	67.6	53.5	80.3
63	36.3	27.9	41.9



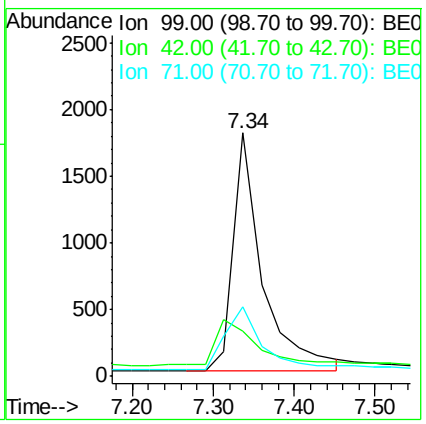


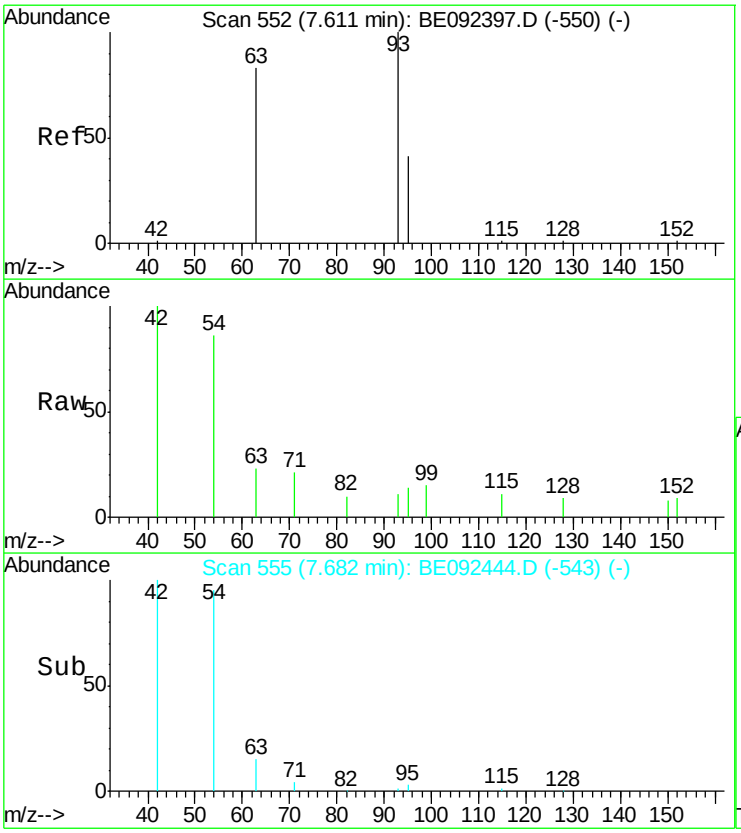
#5
Phenol-d6
Concen: 1.49 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161004

Tgt Ion: 99 Resp: 4439

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	34.3	30.6	45.8

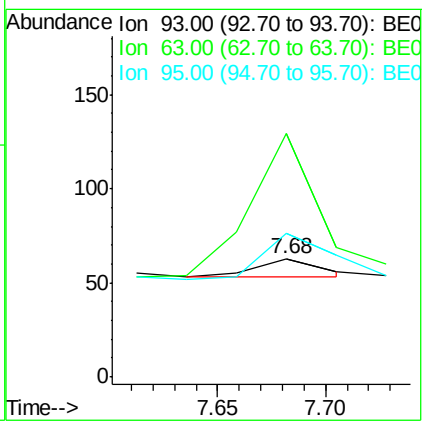


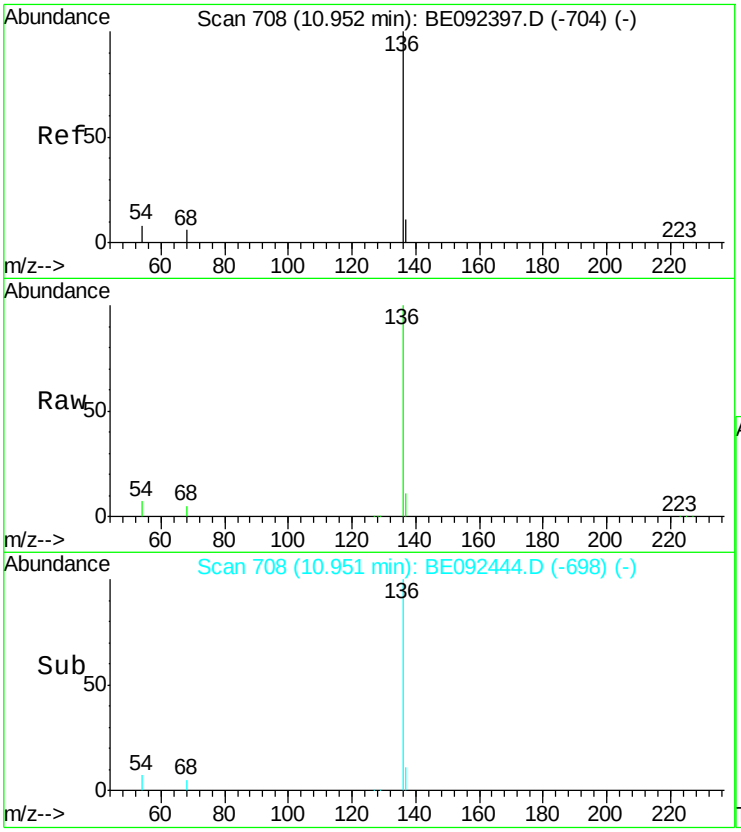


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.68 min Scan# 555
Delta R.T. 0.07 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Tgt Ion: 93 Resp: 21

Ion	Ratio	Lower	Upper
93	100		
63	771.4	71.6	107.4#
95	261.9	24.0	36.0#



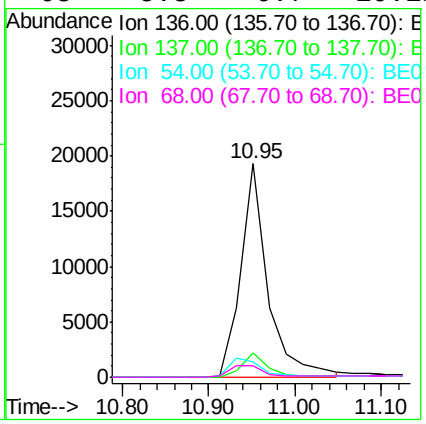


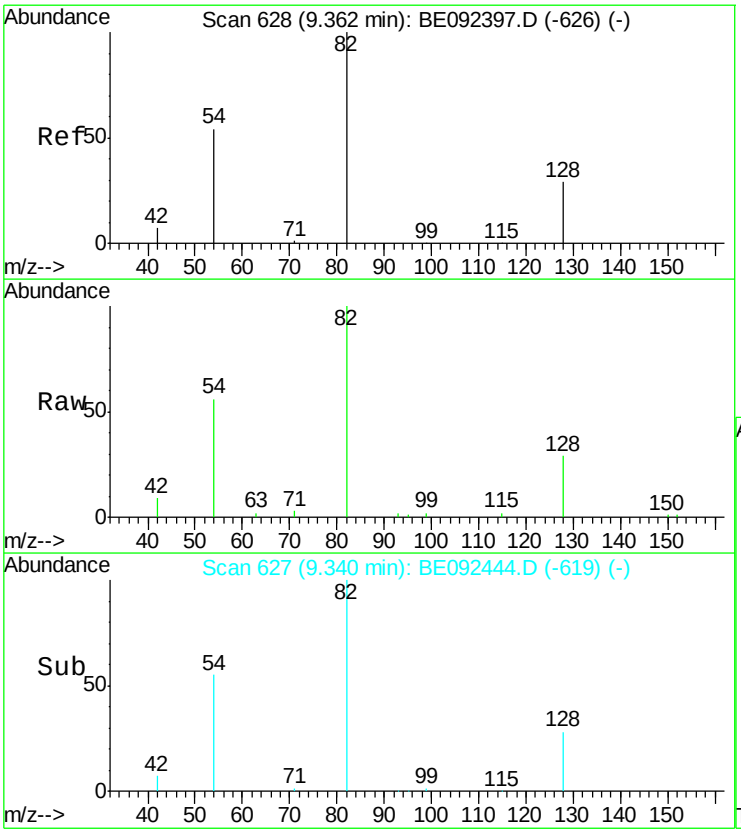
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161004

Tgt Ion:136 Resp: 41656

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	7.2	9.6	14.4#
68	5.3	6.7	10.1#

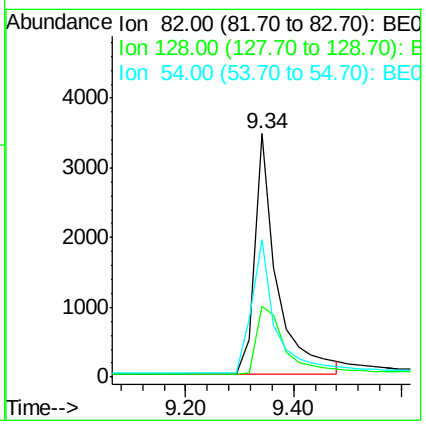


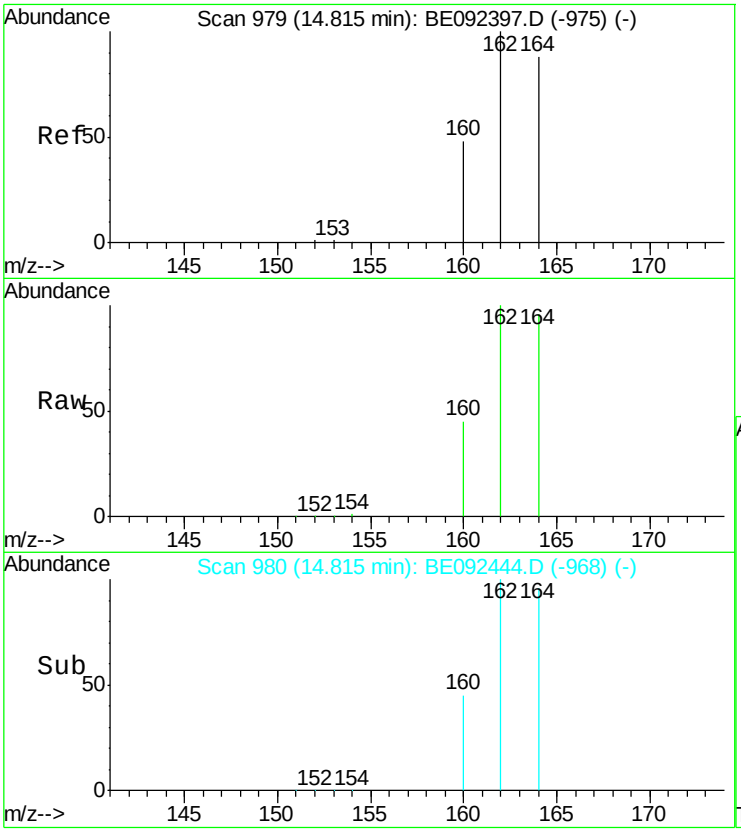


#8
Nitrobenzene-d5
Concen: 3.34 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Tgt Ion: 82 Resp: 9851

Ion	Ratio	Lower	Upper
82	100		
128	29.0	39.0	58.4#
54	56.2	44.8	67.2



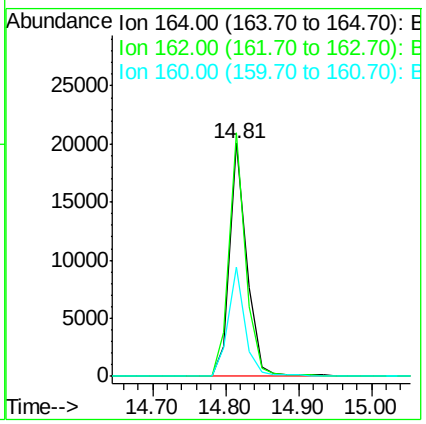


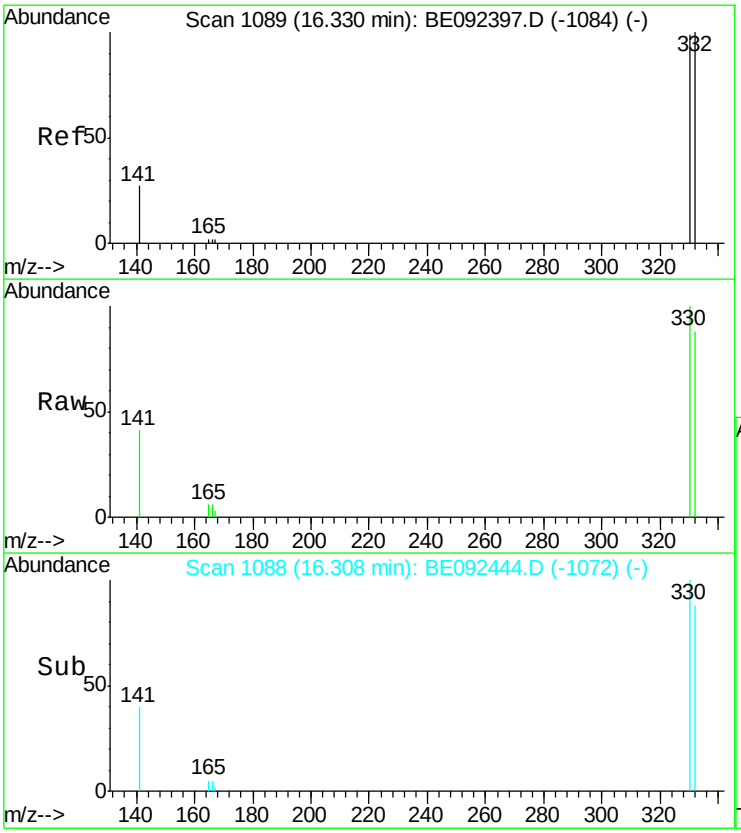
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.81 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161004

Tgt Ion:164 Resp: 32121

Ion	Ratio	Lower	Upper
164	100		
162	104.6	71.4	107.0
160	47.0	27.4	41.2#

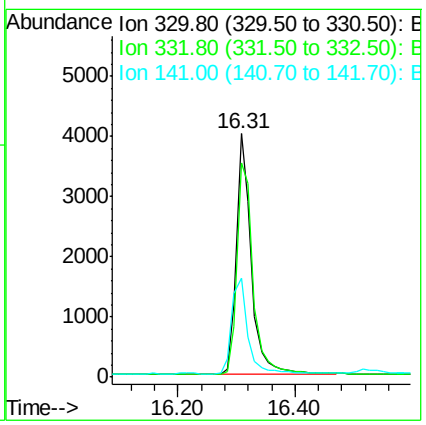


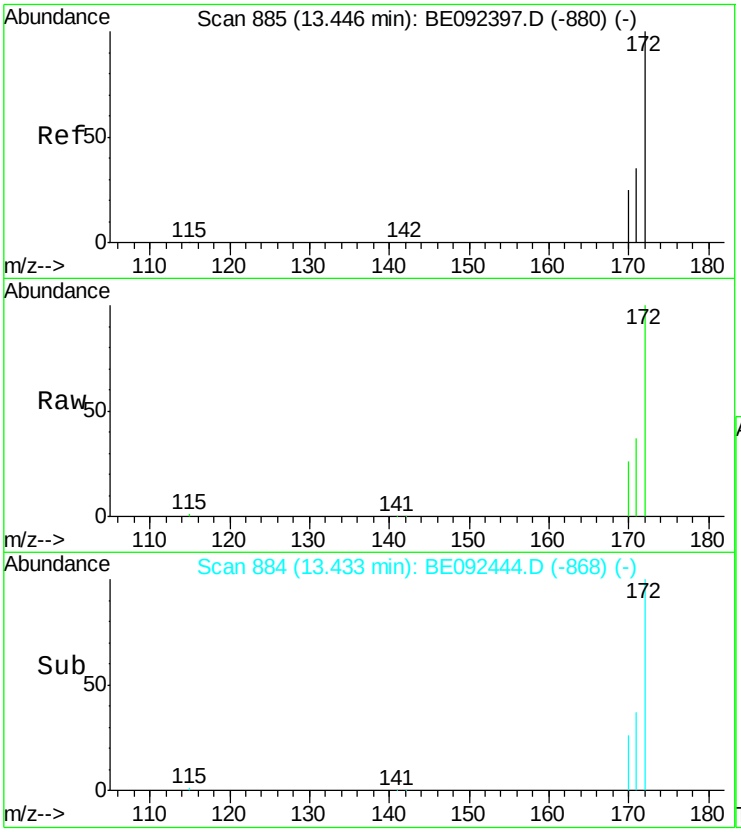


#13
2,4,6-Tribromophenol
Concen: 6.25 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Tgt Ion:330 Resp: 7074

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.0
141	43.2	31.0	46.6



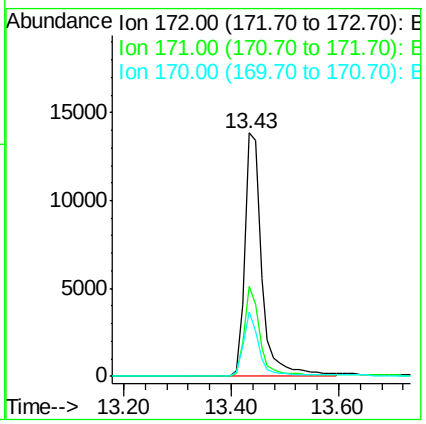


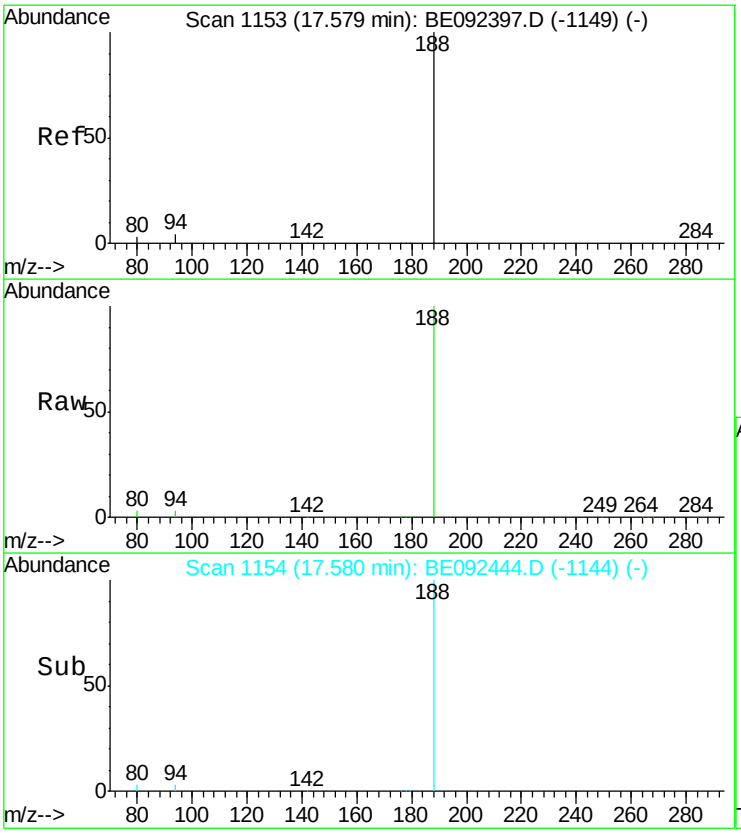
#14
2-Fluorobiphenyl
Concen: 3.91 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161004

Tgt Ion:172 Resp: 29749

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.1	45.1
170	26.4	21.8	32.6

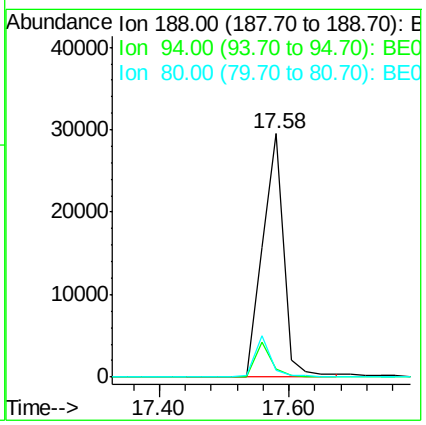


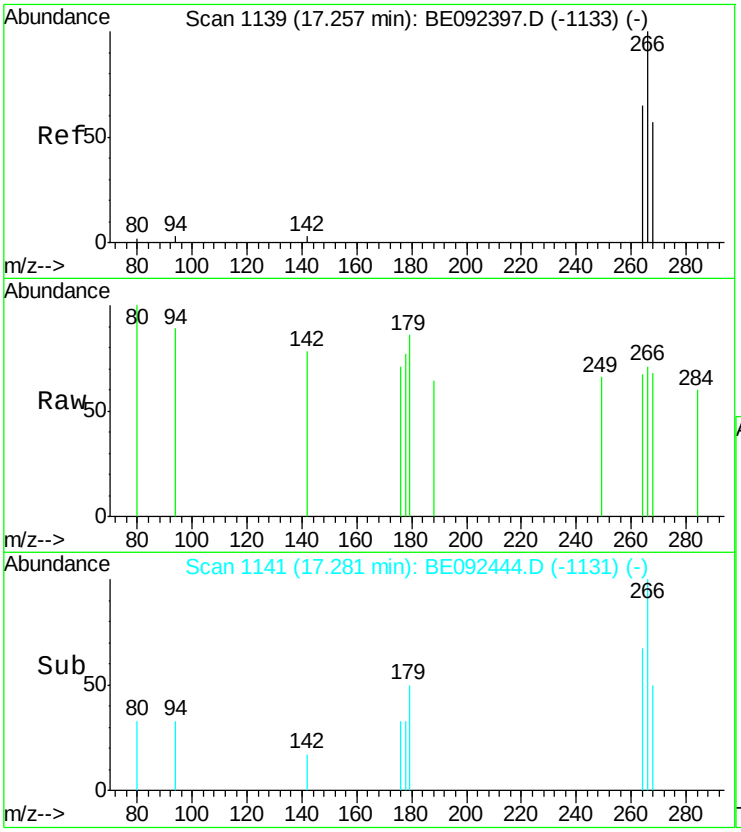


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Tgt Ion:188 Resp: 67017

Ion	Ratio	Lower	Upper
188	100		
94	3.3	3.2	4.8
80	2.9	2.6	3.8



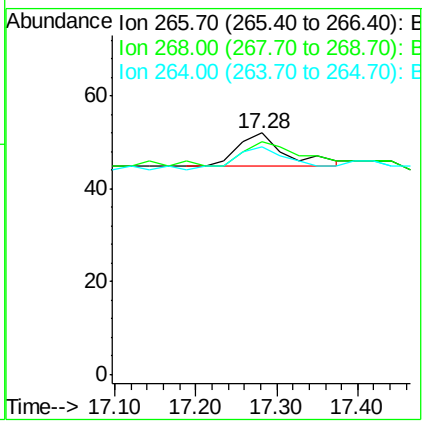


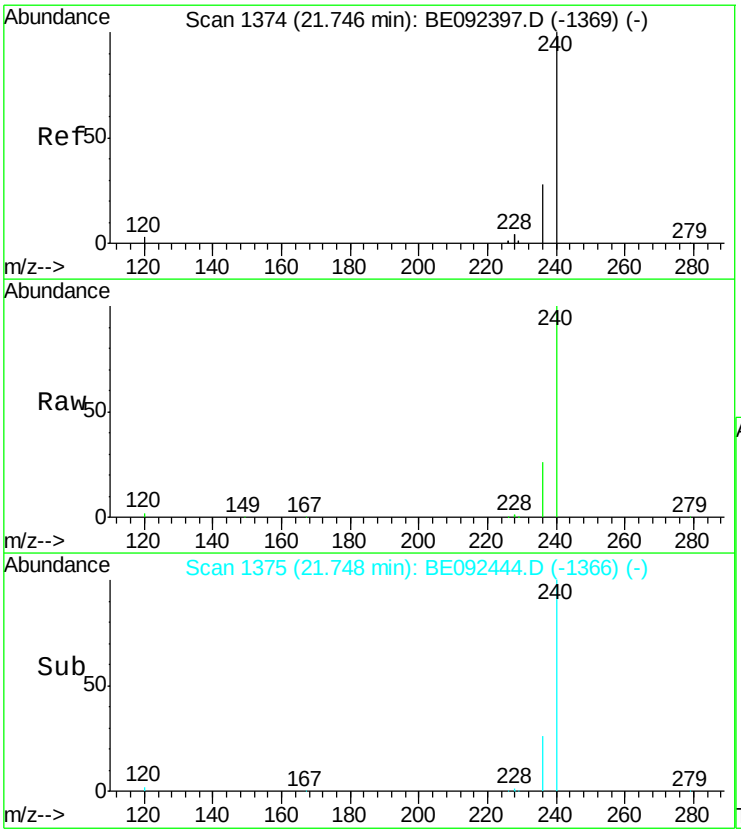
#20
Pentachlorophenol
Concen: 0.20 ng
RT: 17.28 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161004

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
268	96.2	62.5	93.7#
264	94.2	57.2	85.8#

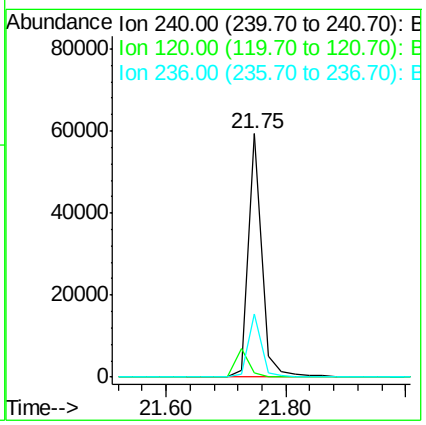


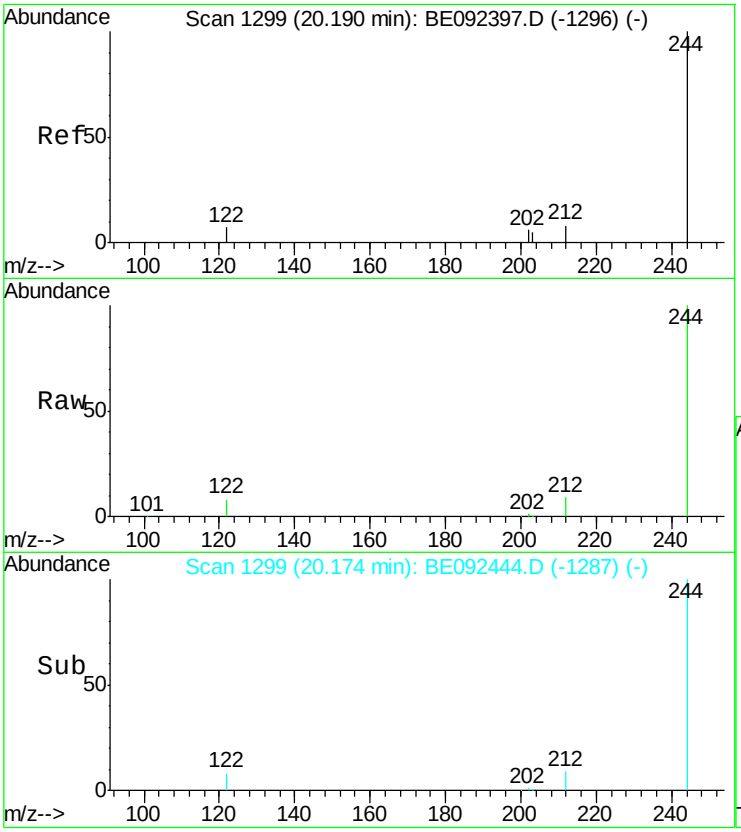


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Tgt Ion:240 Resp: 93209

Ion	Ratio	Lower	Upper
240	100		
120	1.8	2.6	4.0#
236	25.8	24.6	37.0



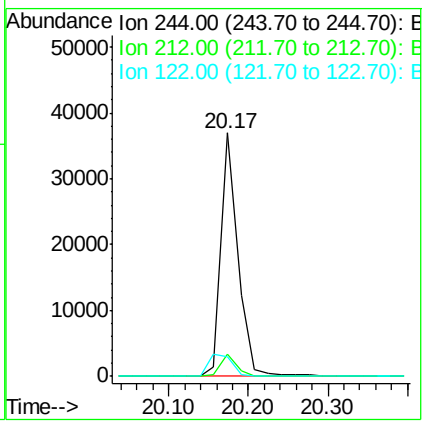


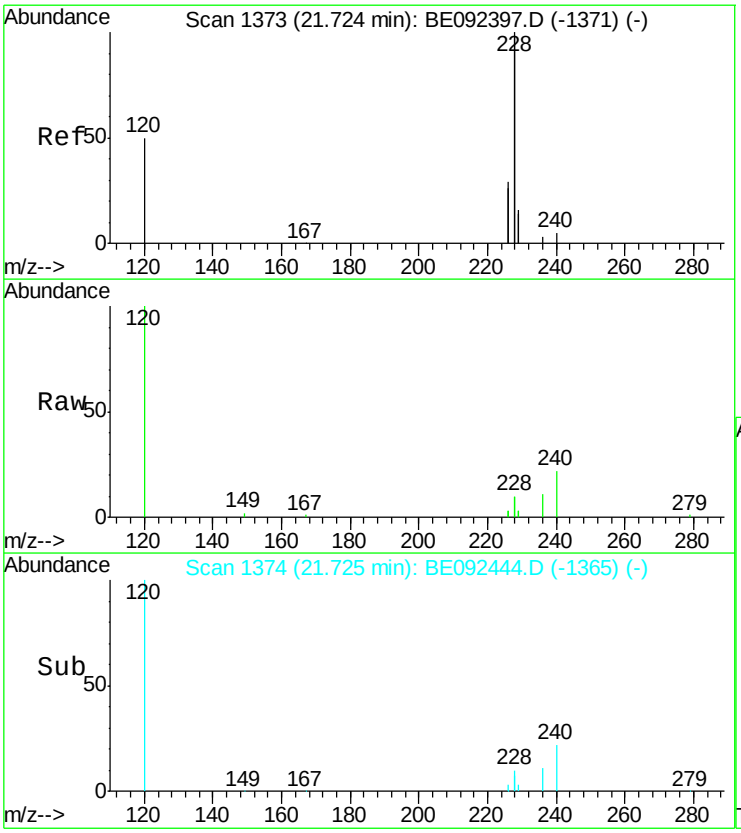
#26
Terphenyl-d14
Concen: 4.65 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161004

Tgt Ion:244 Resp: 53736

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.7	10.1
122	7.9	3.6	5.4#

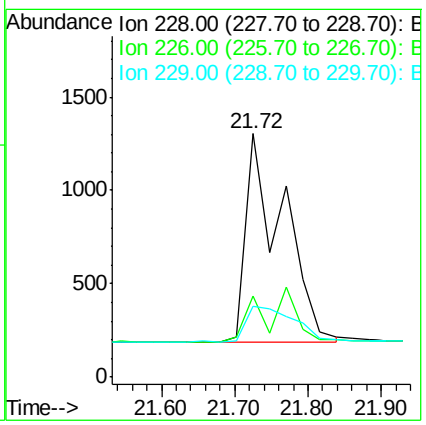


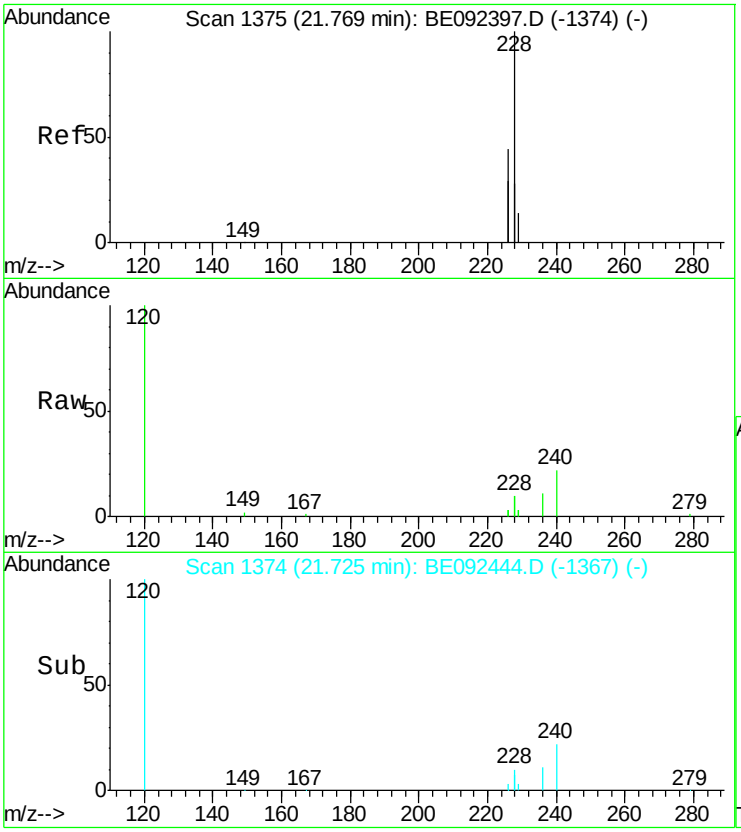


#27
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Tgt Ion:228 Resp: 3939

Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.6	35.4
229	29.1	13.3	19.9#



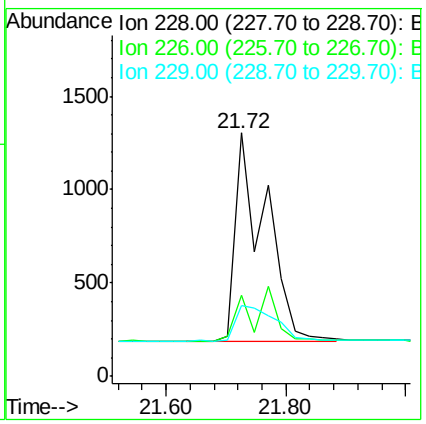


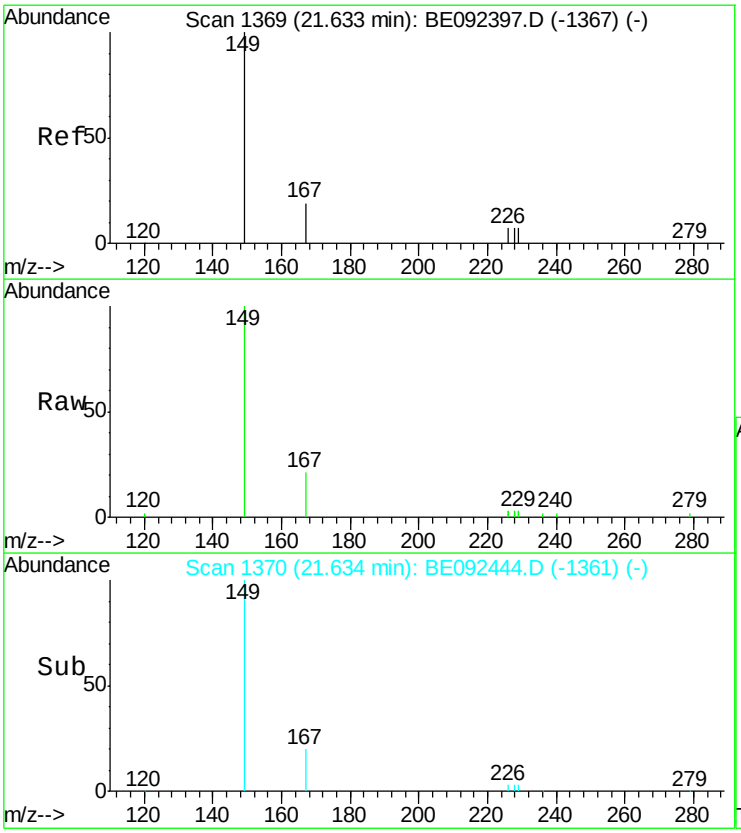
#28
Chrysene
Concen: 0.05 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161004

Tgt Ion:228 Resp: 3988

Ion	Ratio	Lower	Upper
228	100		
226	33.3	36.3	54.5#
229	29.1	10.6	16.0#

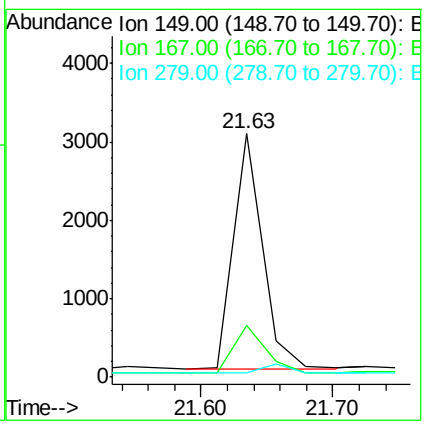


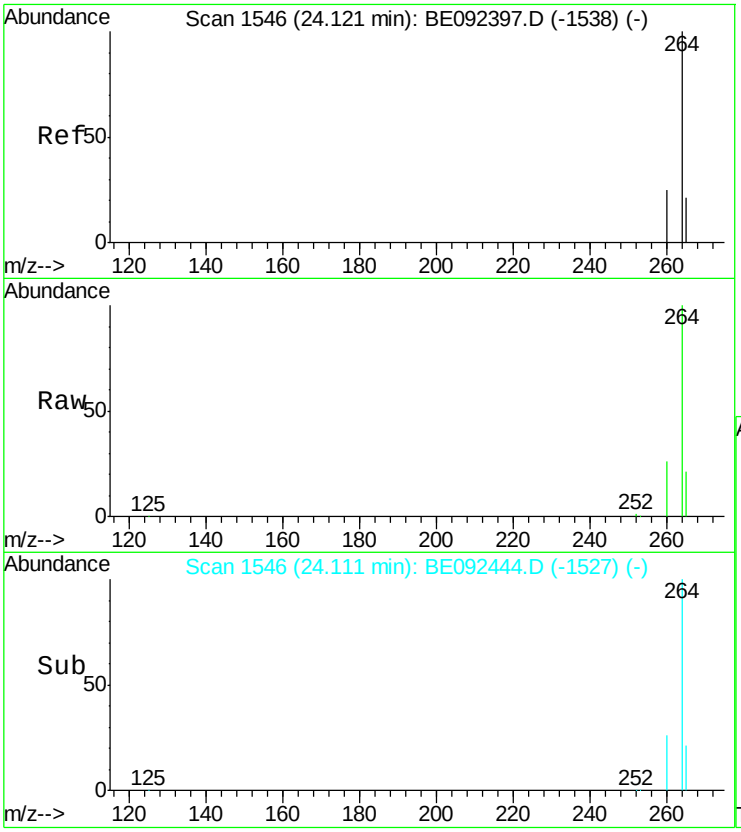


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.59 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Tgt Ion:149 Resp: 4595

Ion	Ratio	Lower	Upper
149	100		
167	22.2	16.0	24.0
279	0.0	16.0	24.0#





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BE092444.D
Acq: 7 Oct 2016 12:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161004

Tgt Ion:264 Resp: 77385

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.1	30.1
265	21.0	17.9	26.9