Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042616\
Data File : BE091709.D
Acq On : 26 Apr 2016 18:07
Operator : UM/SJ
Sample : H2643-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-160419

Quant Time: Apr 27 00:48:44 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	35837	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	163540	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	94736	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	241076	5.00	ng		0.00
26) Chrysene-d12	21.31	240	288399	5.00	ng		0.00
35) Perylene-d12	23.75	264	277006	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	14421	1.64	ng		0.00
5) Phenol-d6	6.95	99	11367	0.97	ng		0.00
8) Nitrobenzene-d5	8.95	82	29494	2.79	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	26043	7.40	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	89748	3.35	ng		0.00
29) Terphenyl-d14	19.76	244	209347	4.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	400	Below Cal		#	63
22) Pentachlorophenol	16.79	266	159	0.13	ng		91
27) Benzidine	19.40	184	152	0.17	ng	#	1
30) Benzo(a)anthracene	21.29	228	1855	0.03	ng	#	90
32) Chrysene	21.29	228	1837	0.03	ng	#	87
33) Bis(2-ethylhexyl)phthalate	21.20	149	5106	0.24	ng	#	88

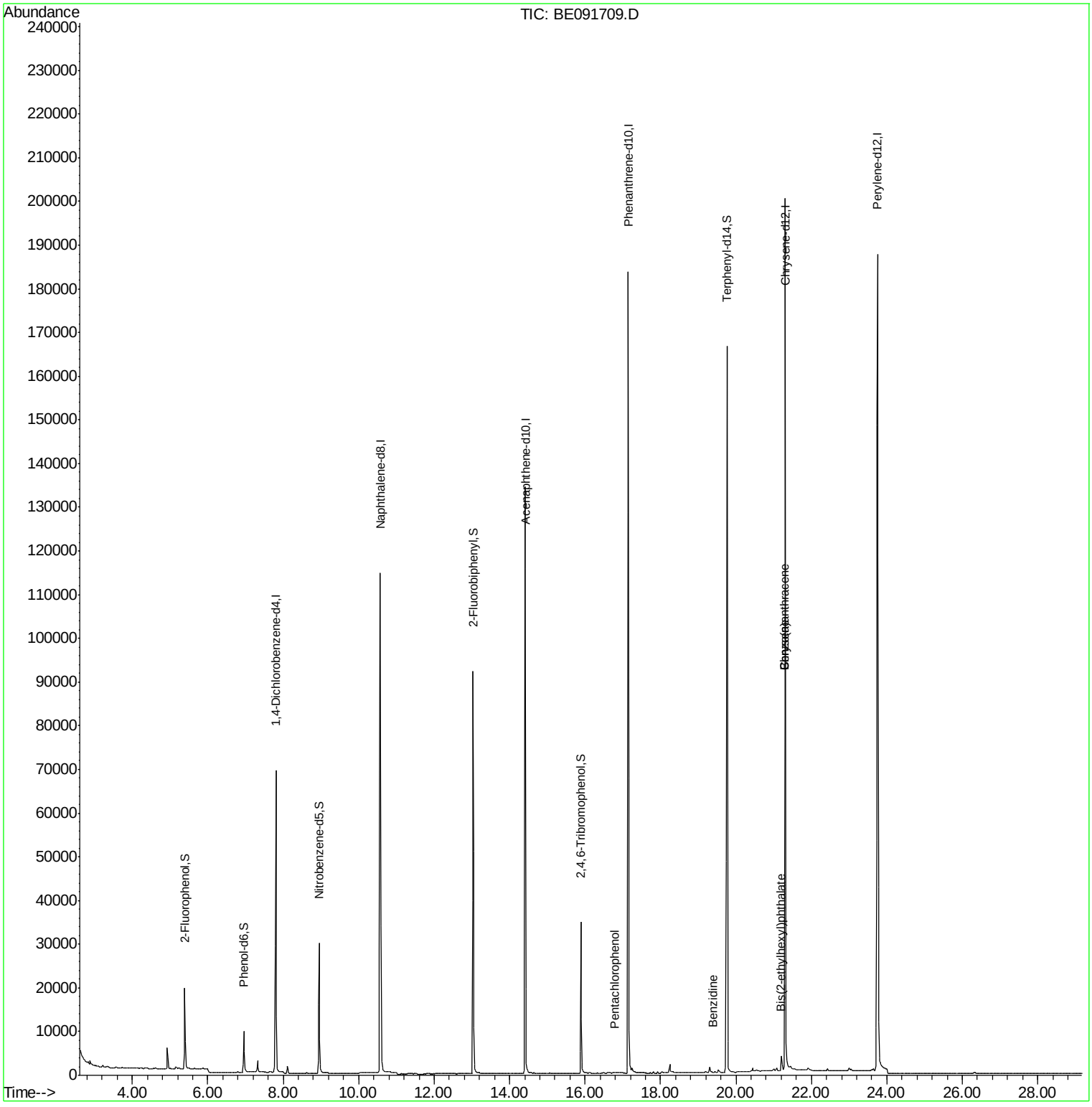
(#) = qualifier out of range (m) = manual integration (+) = signals summed

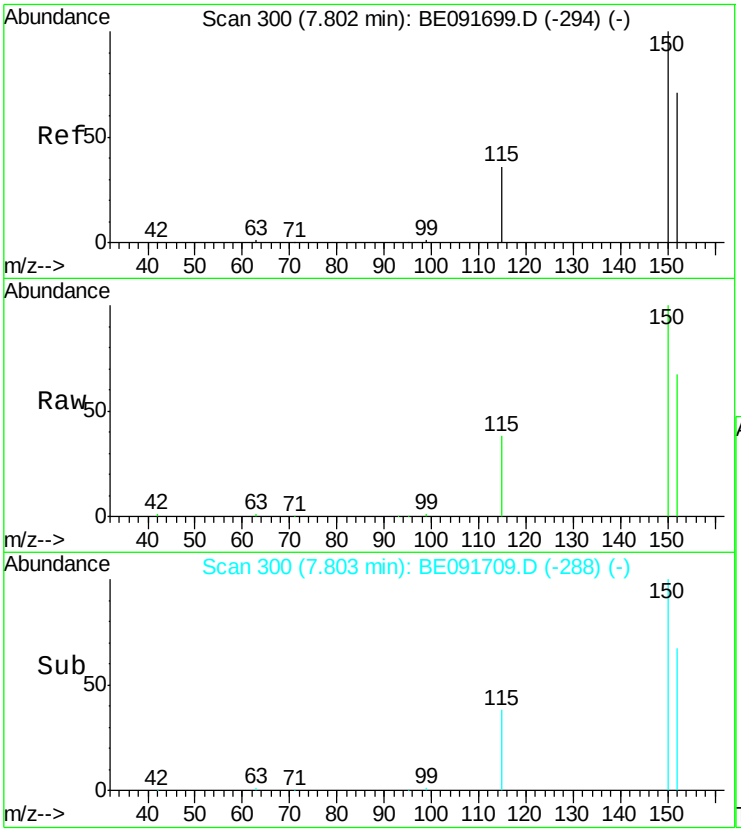
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042616\
Data File : BE091709.D
Acq On : 26 Apr 2016 18:07
Operator : UM/SJ
Sample : H2643-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160419

Quant Time: Apr 27 00:48:44 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration



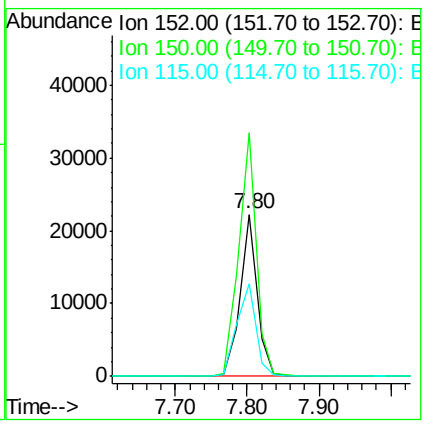


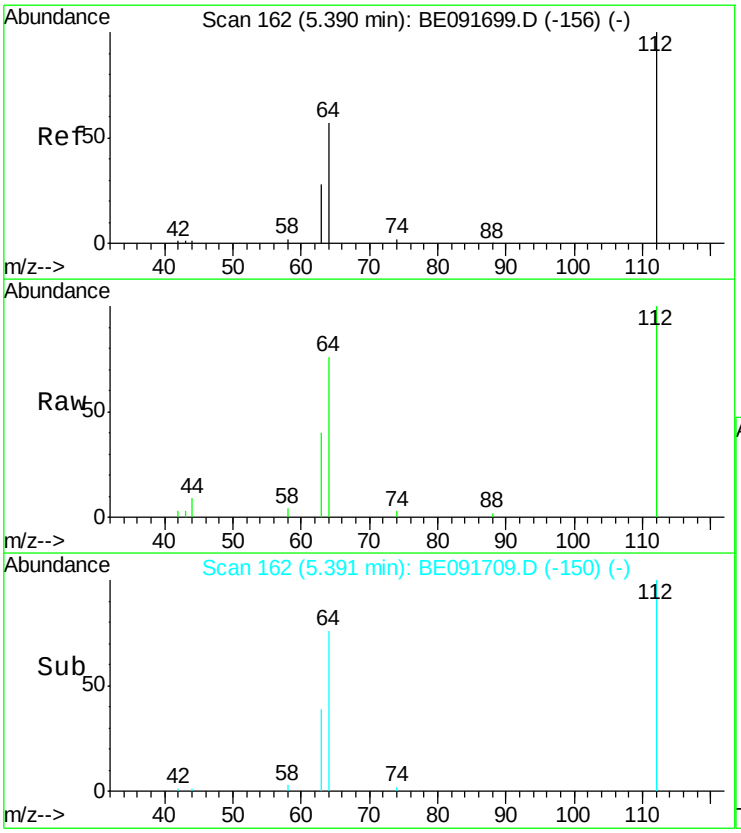
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160419

Tgt Ion:152 Resp: 35837

Ion	Ratio	Lower	Upper
152	100		
150	150.2	122.6	183.8
115	56.8	52.8	79.2

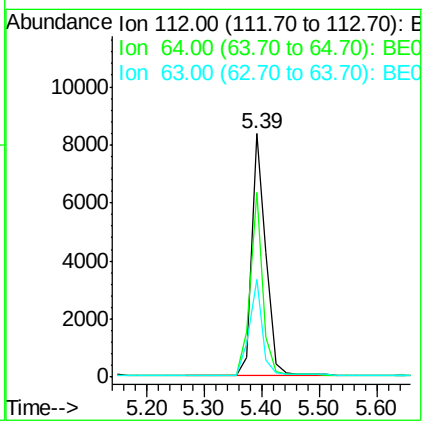


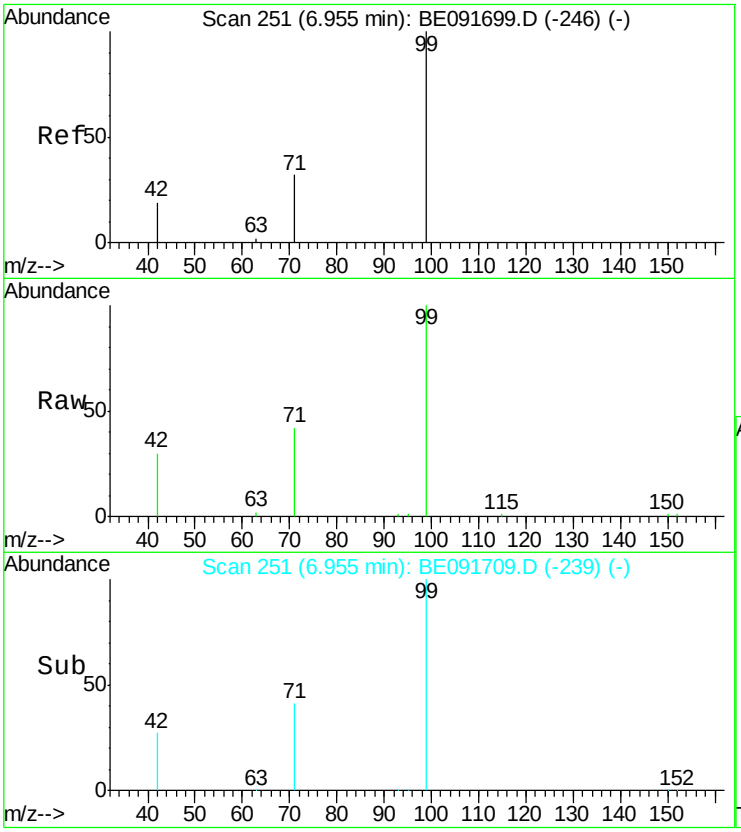


#4
2-Fluorophenol
Concen: 1.64 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Tgt Ion:112 Resp: 14421

Ion	Ratio	Lower	Upper
112	100		
64	68.2	30.9	46.3#
63	36.9	16.7	25.1#



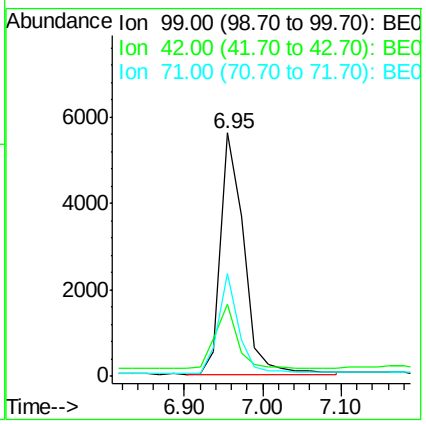


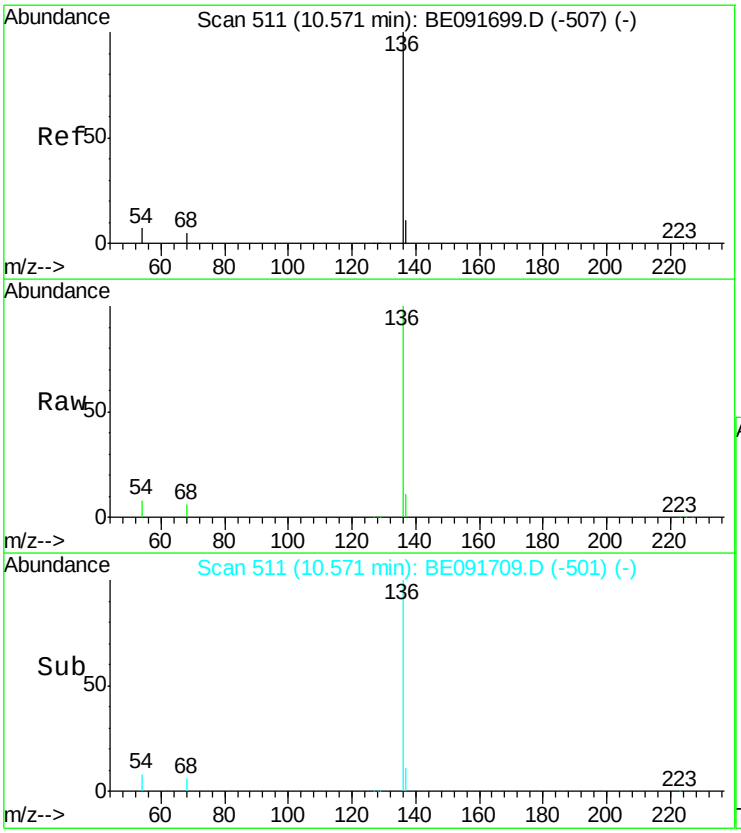
#5
Phenol-d6
Concen: 0.97 ng
RT: 6.95 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160419

Tgt Ion: 99 Resp: 11367

Ion	Ratio	Lower	Upper
99	100		
42	24.8	16.2	24.2#
71	36.9	29.0	43.4

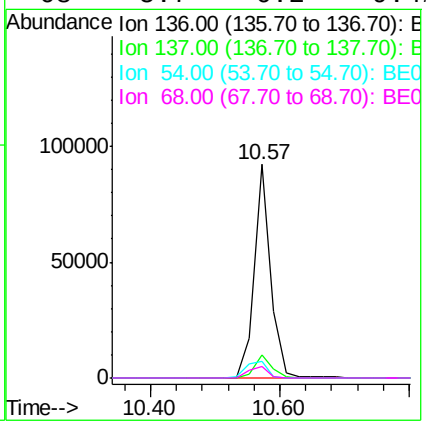


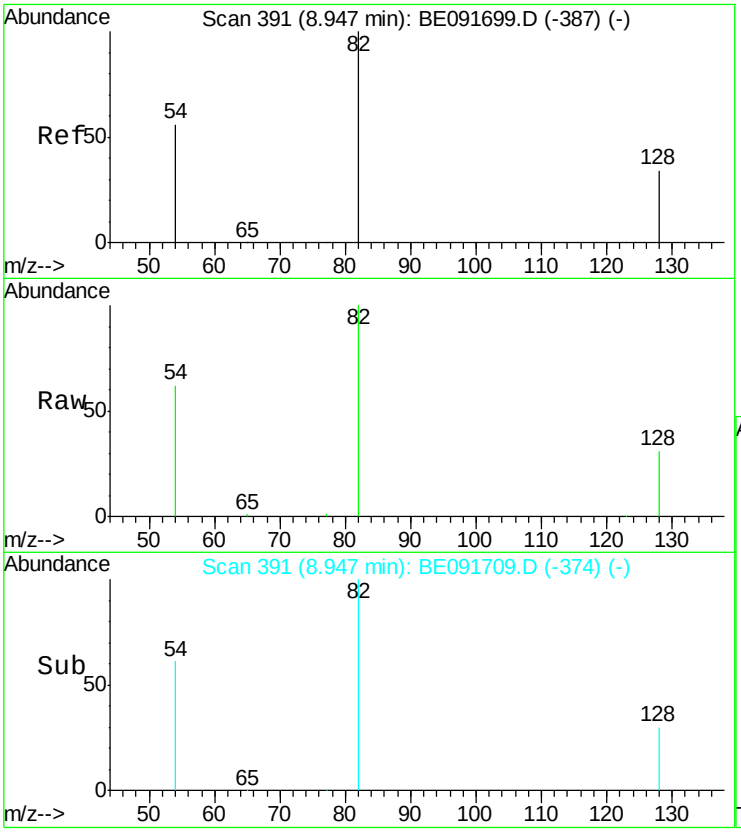


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Tgt Ion:136 Resp: 163540

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	8.2	12.4#
68	5.7	6.2	9.4#



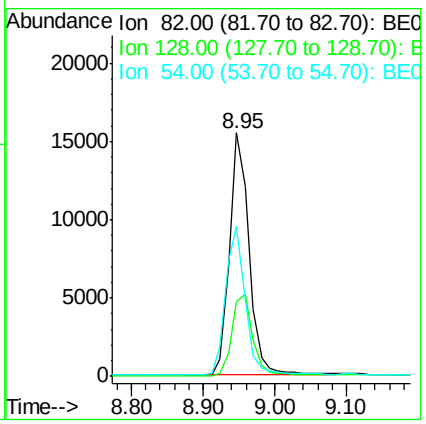


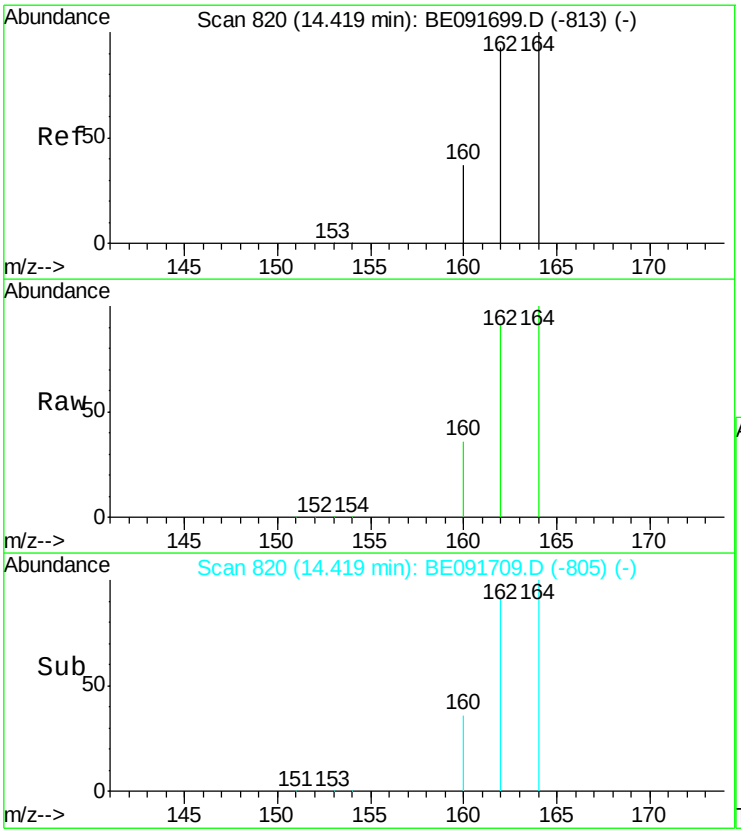
#8
Nitrobenzene-d5
Concen: 2.79 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160419

Tgt Ion: 82 Resp: 29494

Ion	Ratio	Lower	Upper
82	100		
128	30.7	25.4	38.0
54	61.7	48.4	72.6

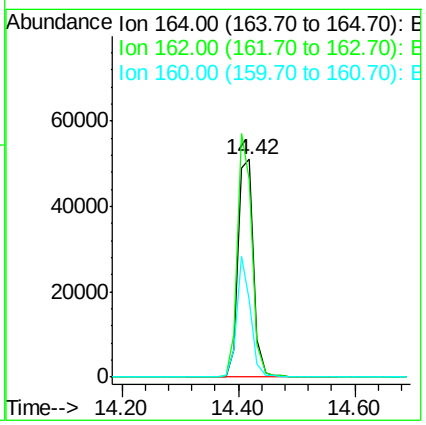


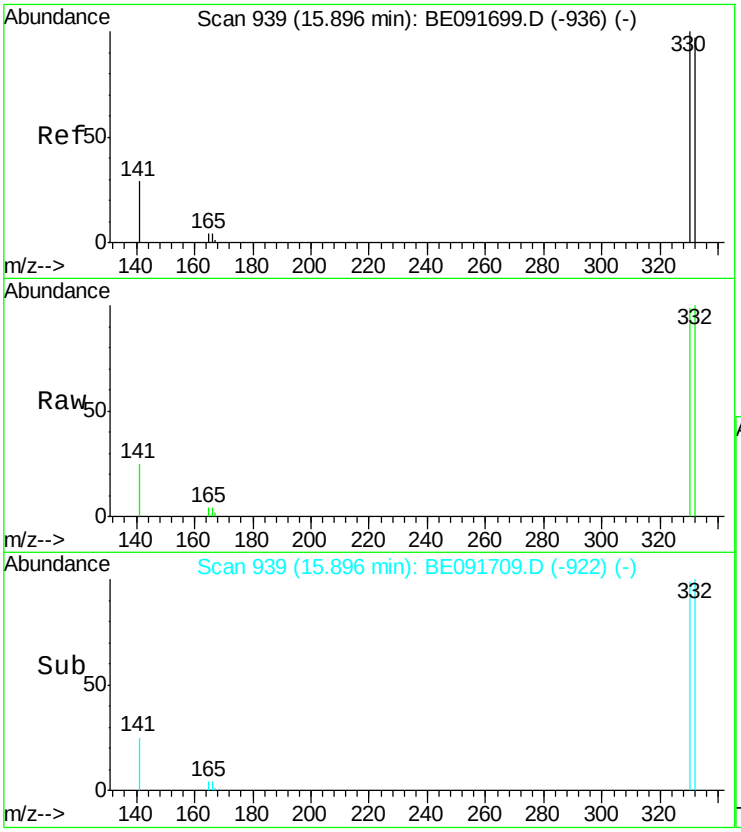


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Tgt Ion:164 Resp: 94736

Ion	Ratio	Lower	Upper
164	100		
162	90.8	85.3	127.9
160	35.6	46.2	69.2#



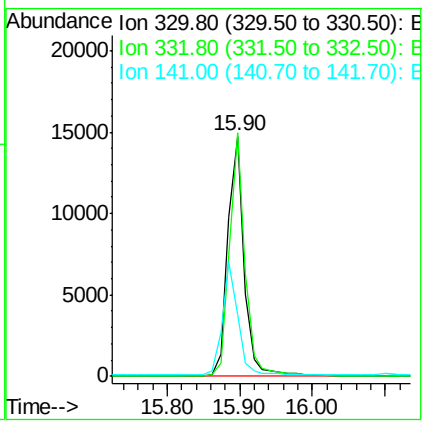


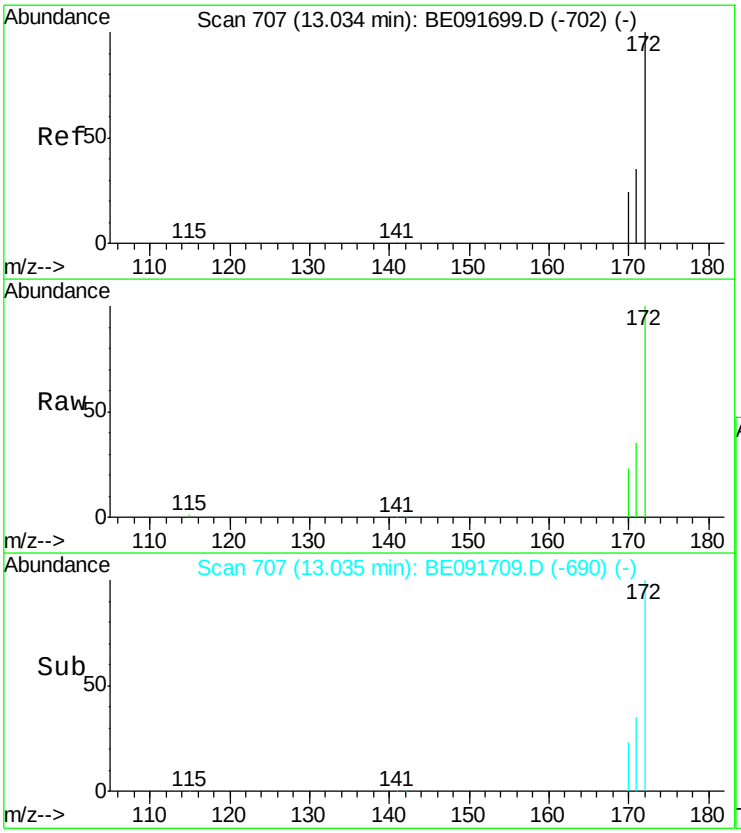
#14
2,4,6-Tribromophenol
Concen: 7.40 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160419

Tgt Ion:330 Resp: 26043

Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.1	118.7
141	45.1	125.4	188.0#

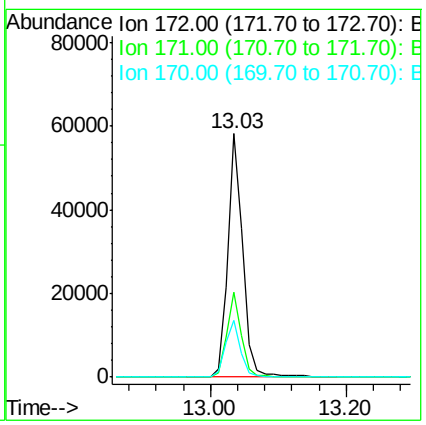


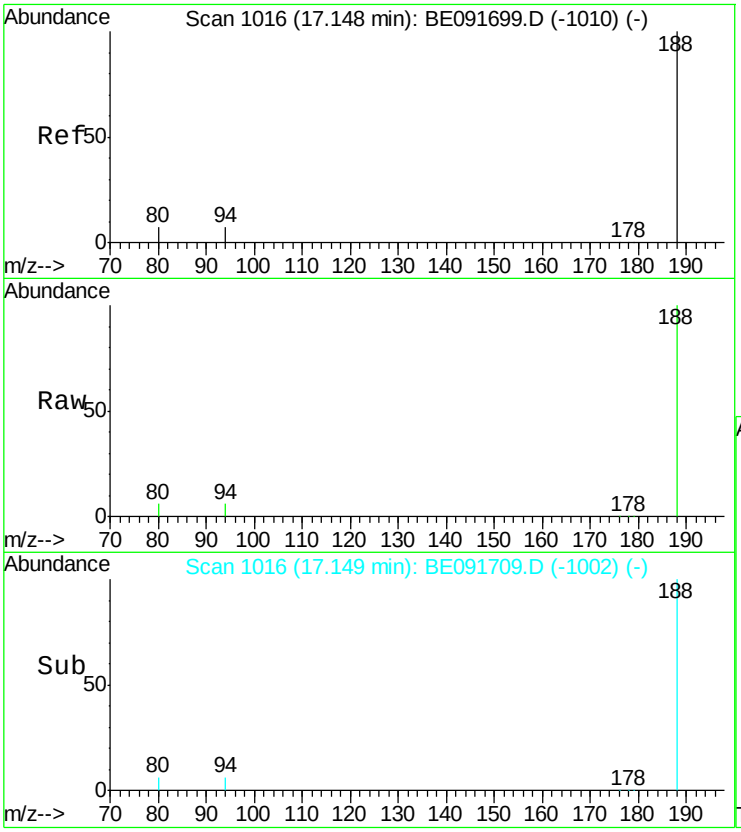


#15
2-Fluorobiphenyl
Concen: 3.35 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Tgt Ion:172 Resp: 89748

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.8	43.2
170	23.4	19.3	28.9



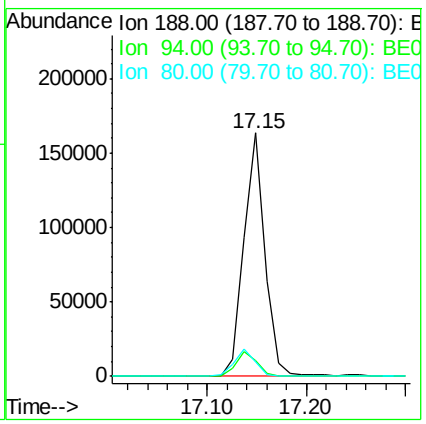


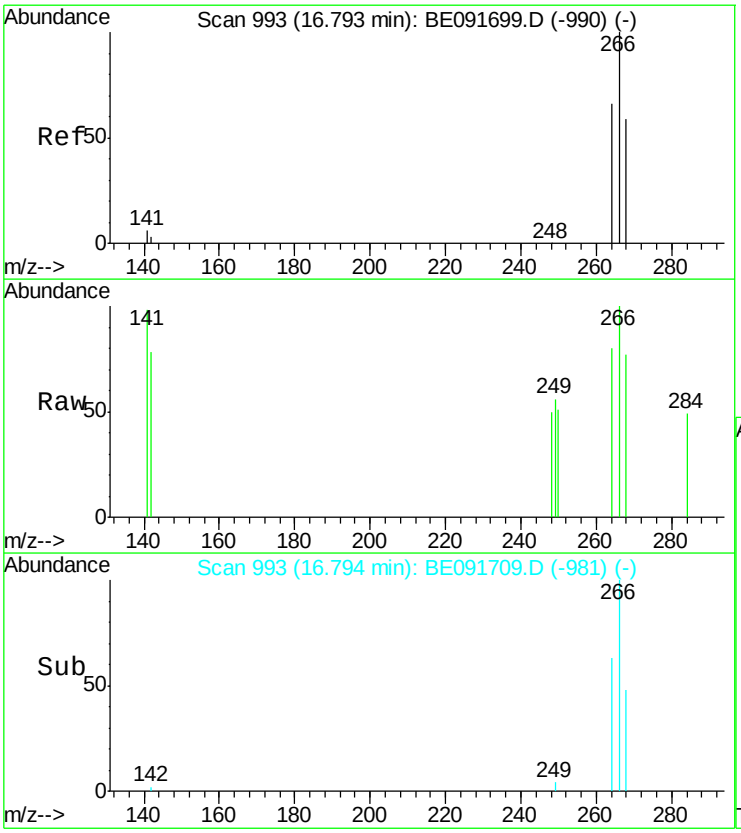
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160419

Tgt Ion:188 Resp: 241076

Ion	Ratio	Lower	Upper
188	100		
94	6.4	8.7	13.1#
80	5.8	9.4	14.0#

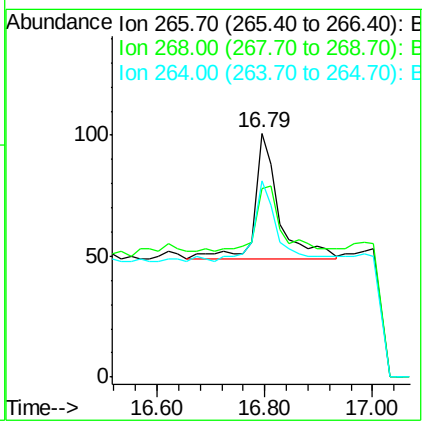


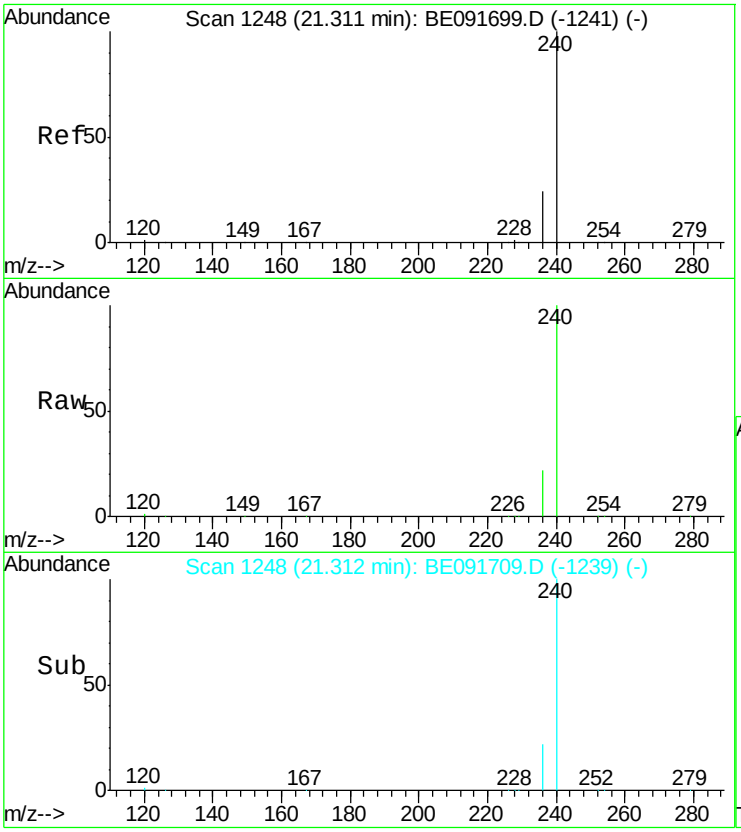


#22
Pentachlorophenol
Concen: 0.13 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Tgt Ion:266 Resp: 159

Ion	Ratio	Lower	Upper
266	100		
268	77.2	58.2	87.2
264	80.2	56.2	84.4



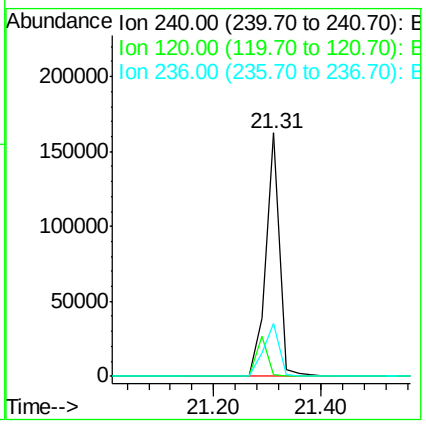


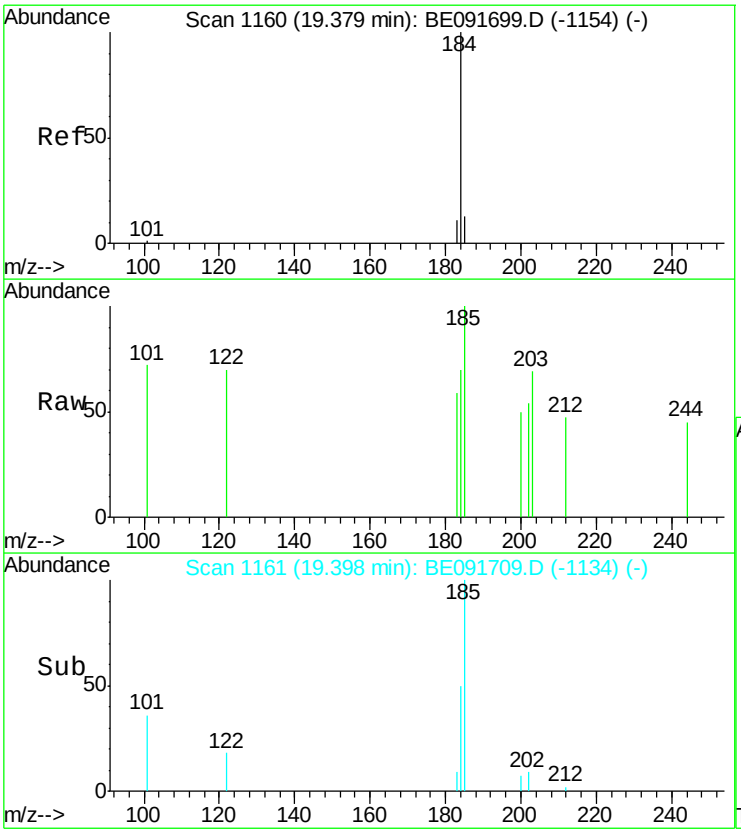
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160419

Tgt Ion:240 Resp: 288399

Ion	Ratio	Lower	Upper
240	100		
120	0.9	11.0	16.4#
236	21.8	21.7	32.5

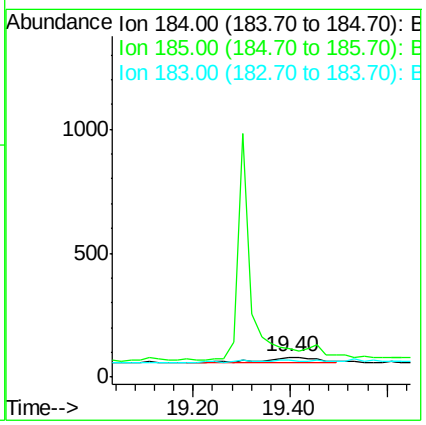


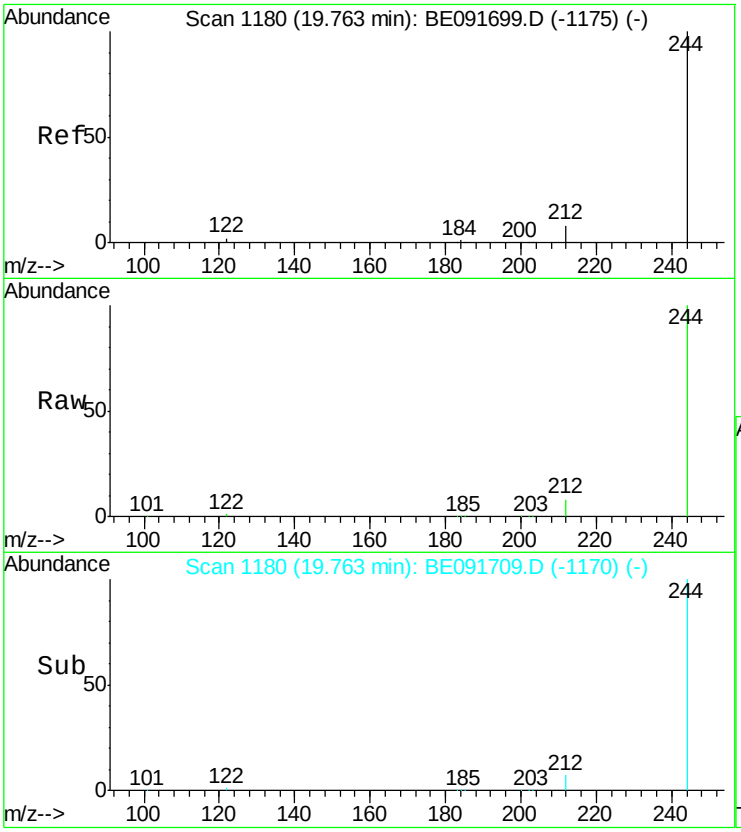


#27
Benzidine
Concen: 0.17 ng
RT: 19.40 min Scan# 1161
Delta R.T. 0.02 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Tgt Ion:184 Resp: 152

Ion	Ratio	Lower	Upper
184	100		
185	143.8	22.3	33.5#
183	85.0	16.4	24.6#



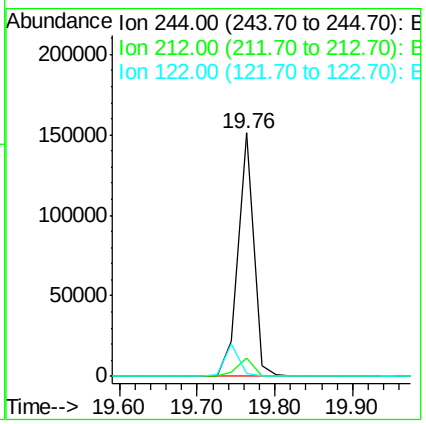


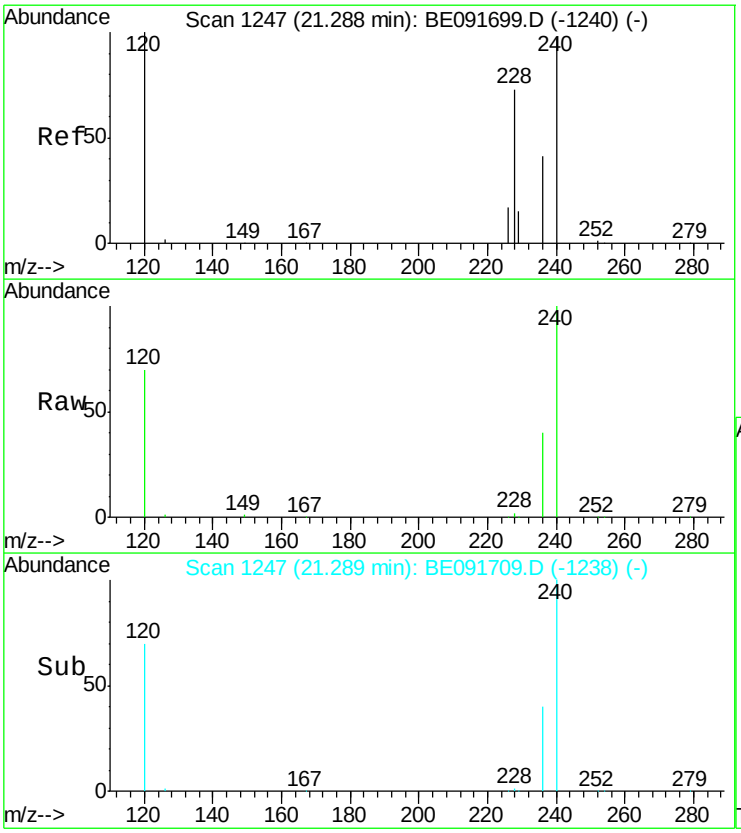
#29
Terphenyl-d14
Concen: 4.66 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160419

Tgt Ion:244 Resp: 209347

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.9	10.3
122	1.5	11.0	16.4#

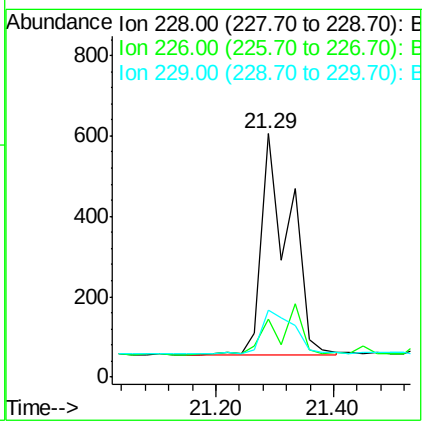


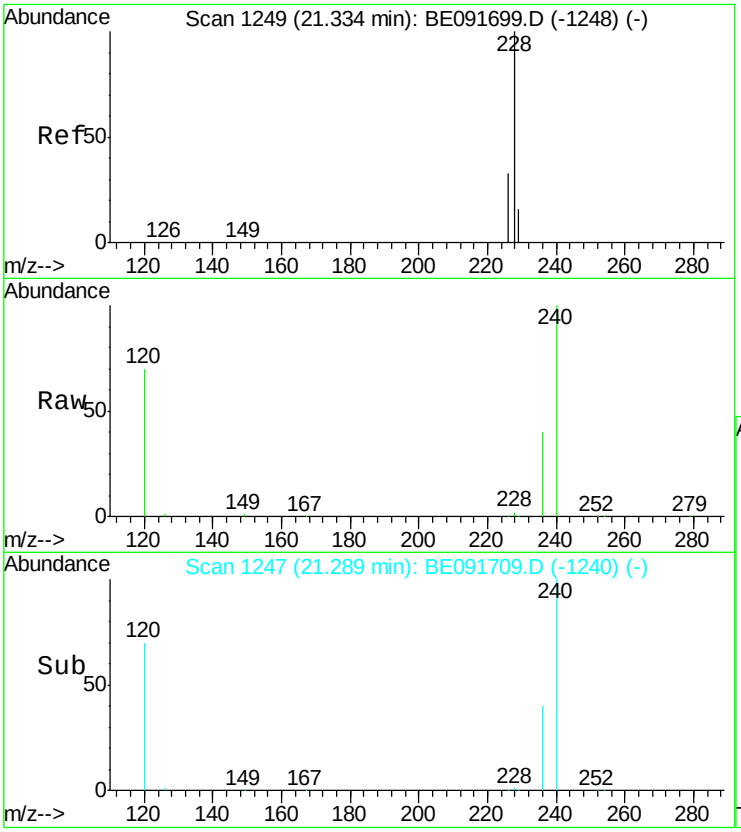


#30
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Tgt Ion:228 Resp: 1855

Ion	Ratio	Lower	Upper
228	100		
226	24.1	21.0	31.4
229	27.4	15.7	23.5#



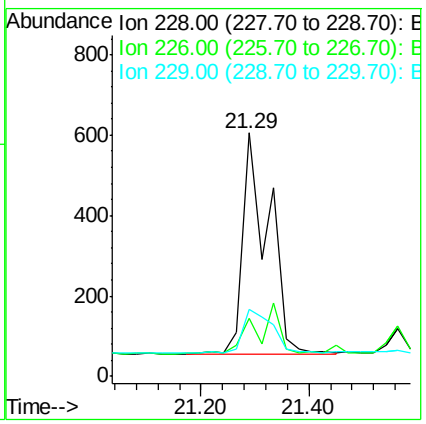


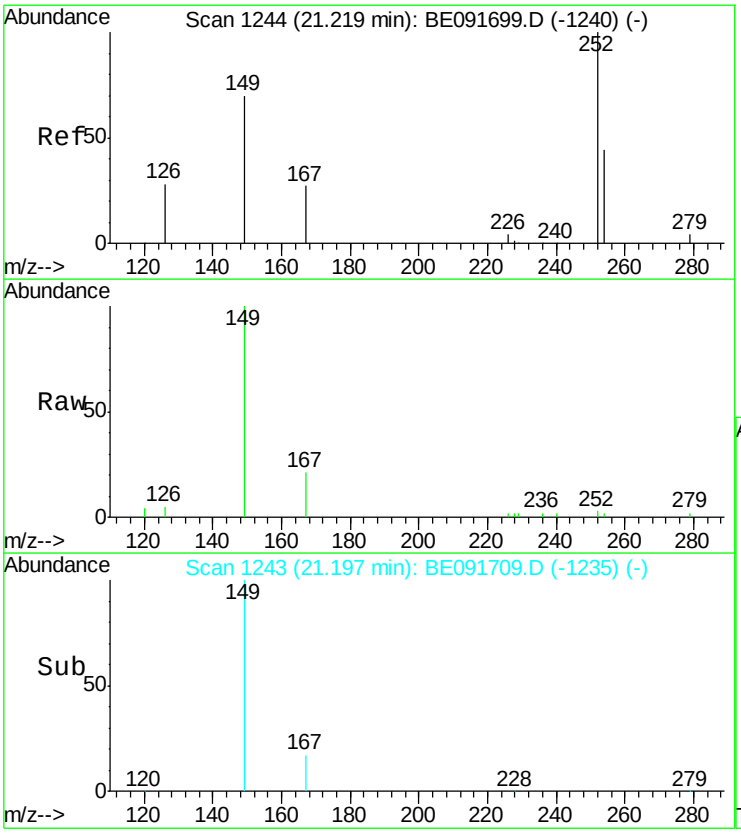
#32
Chrysene
Concen: 0.03 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160419

Tgt Ion:228 Resp: 1837

Ion	Ratio	Lower	Upper
228	100		
226	24.1	24.0	36.0
229	27.4	15.9	23.9#

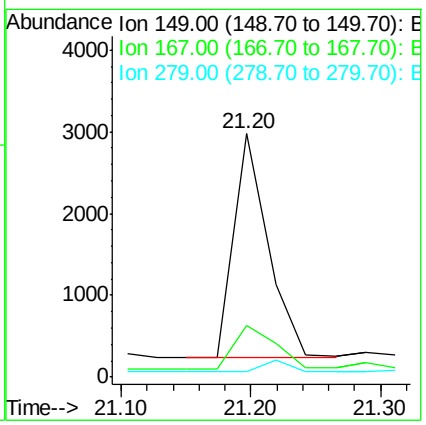


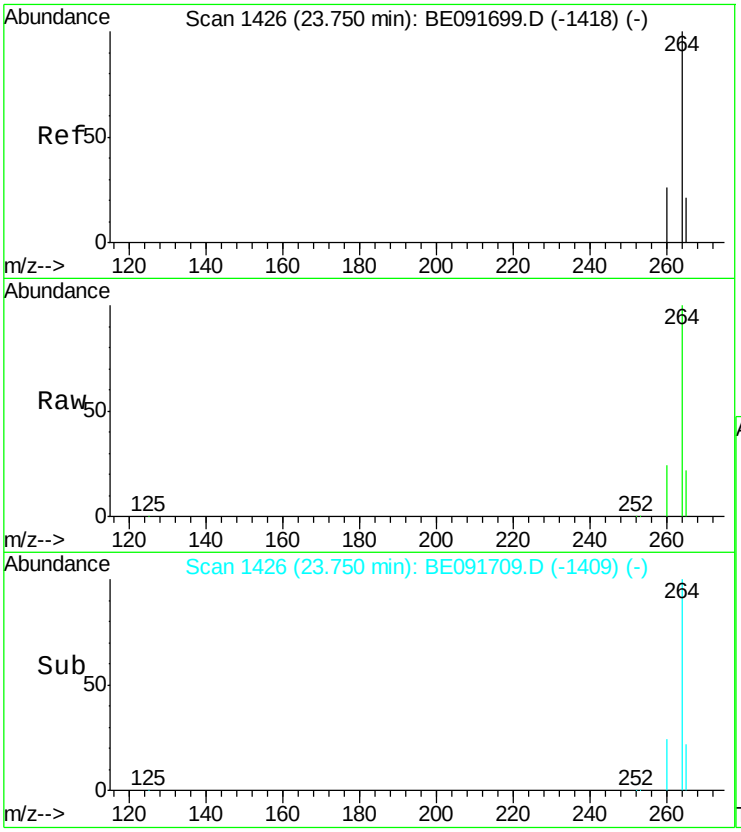


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.24 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Tgt Ion:149 Resp: 5106

Ion	Ratio	Lower	Upper
149	100		
167	23.6	19.5	29.3
279	0.0	10.0	15.0#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160419

Tgt Ion:264 Resp: 277006

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.0	30.0
265	22.0	17.5	26.3