Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050916\
Data File : BE091756.D
Acq On : 9 May 2016 13:56
Operator : UM/SJ
Sample : H2862-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-160503

Quant Time: May 10 00:57:37 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	39148	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	188240	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	117042	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	280859	5.00	ng	0.00
26) Chrysene-d12	21.31	240	276881	5.00	ng	0.00
35) Perylene-d12	23.75	264	289521	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	21329	2.22	ng	0.00
5) Phenol-d6	6.95	99	16606	1.30	ng	0.00
8) Nitrobenzene-d5	8.95	82	38203	3.14	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	24959	5.77	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	124174	3.75	ng	0.00
29) Terphenyl-d14	19.76	244	214941	4.98	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.81	266	125	0.12	ng	# 85
27) Benzidine	19.40	184	318	0.18	ng	# 1
33) Bis(2-ethylhexyl)phthalate	21.20	149	4189	0.20	ng	# 89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050916\
Data File : BE091756.D
Acq On : 9 May 2016 13:56
Operator : UM/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
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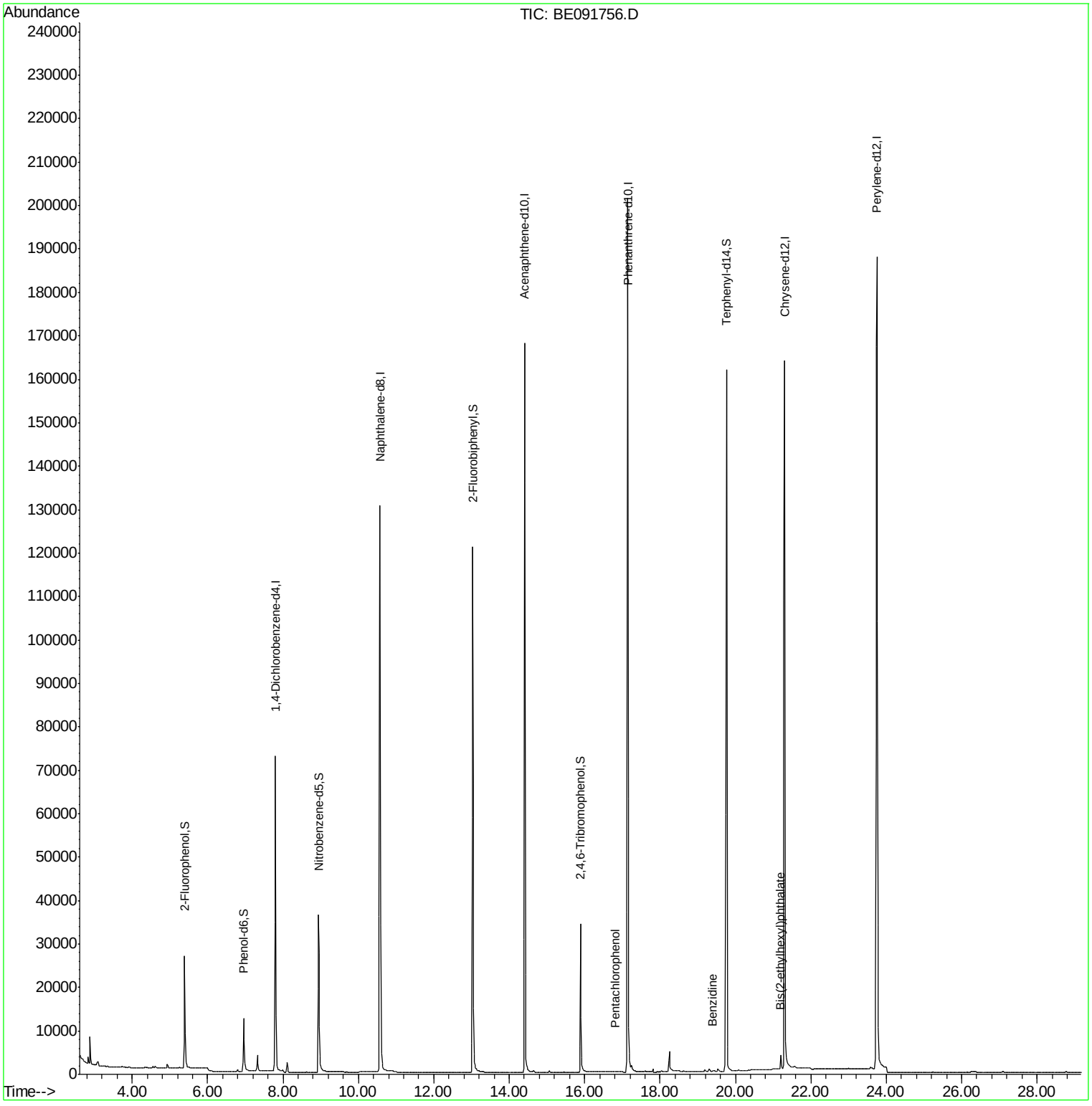
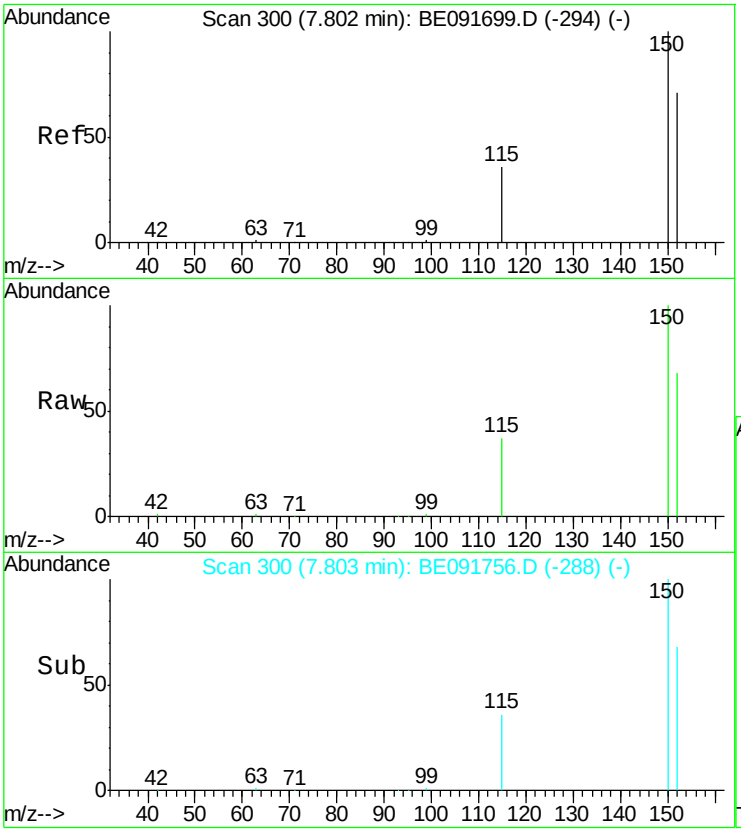


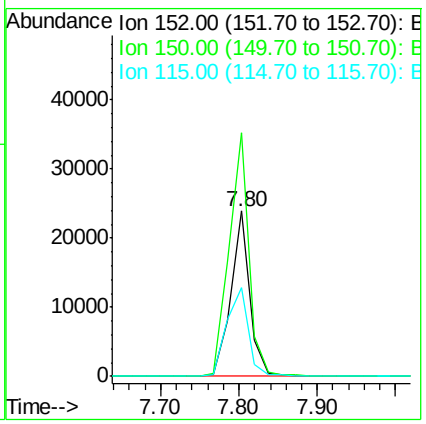


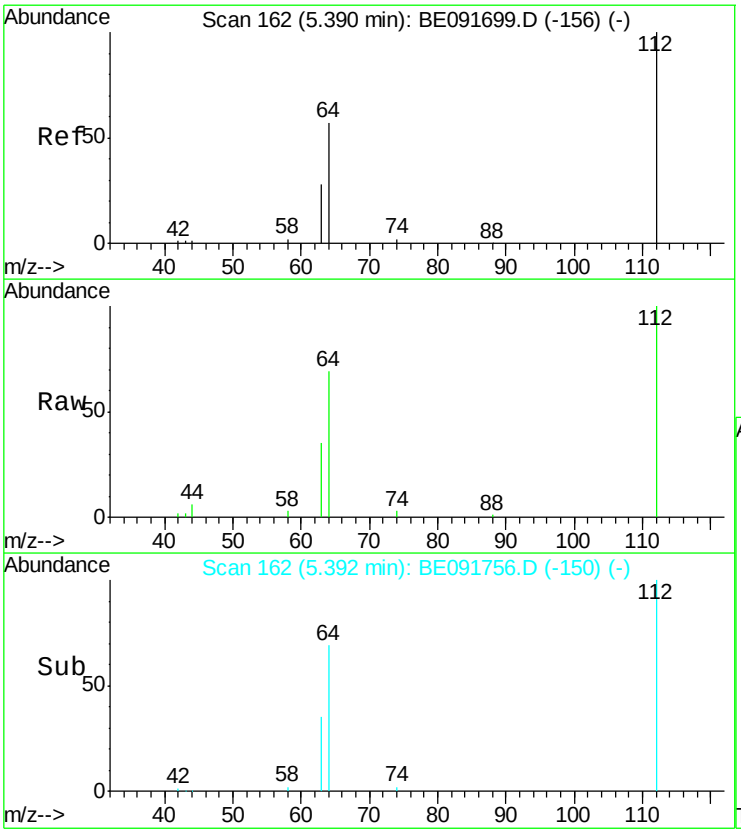
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160503

Tgt Ion:152 Resp: 39148

Ion	Ratio	Lower	Upper
152	100		
150	147.6	122.6	183.8
115	54.0	52.8	79.2

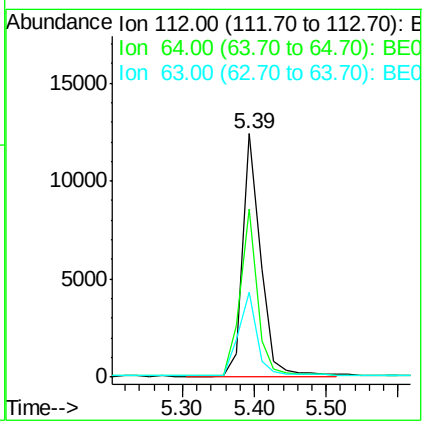


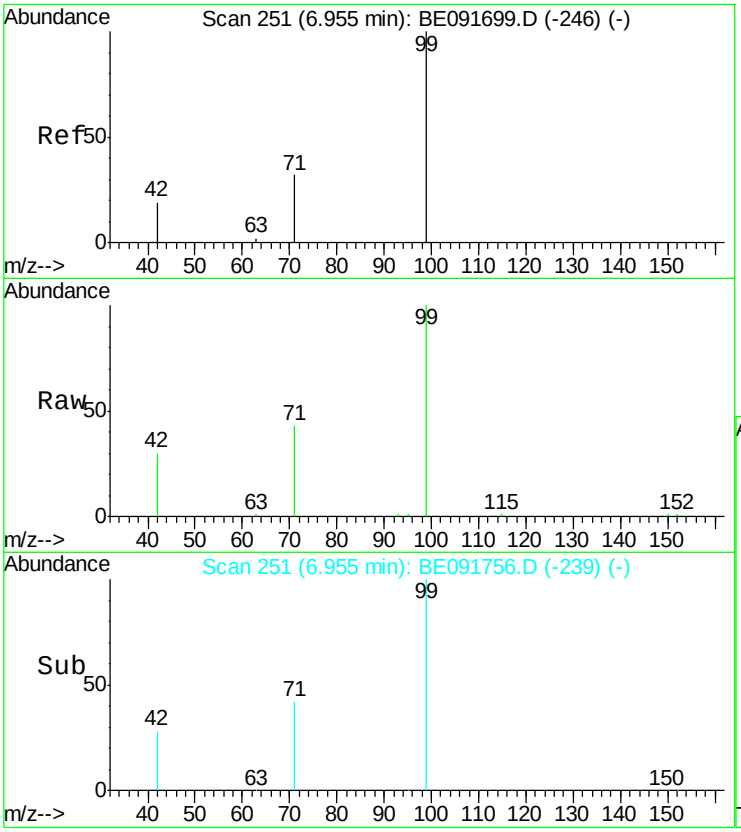


#4
2-Fluorophenol
Concen: 2.22 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Tgt Ion:112 Resp: 21329

Ion	Ratio	Lower	Upper
112	100		
64	66.7	30.9	46.3#
63	35.8	16.7	25.1#



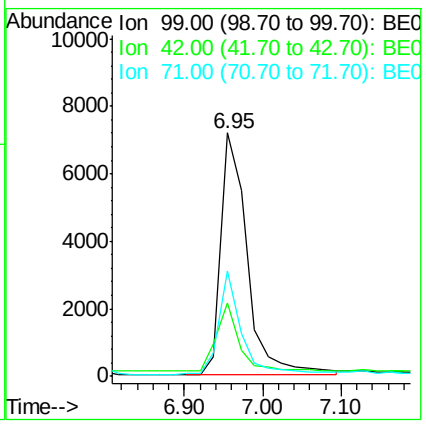


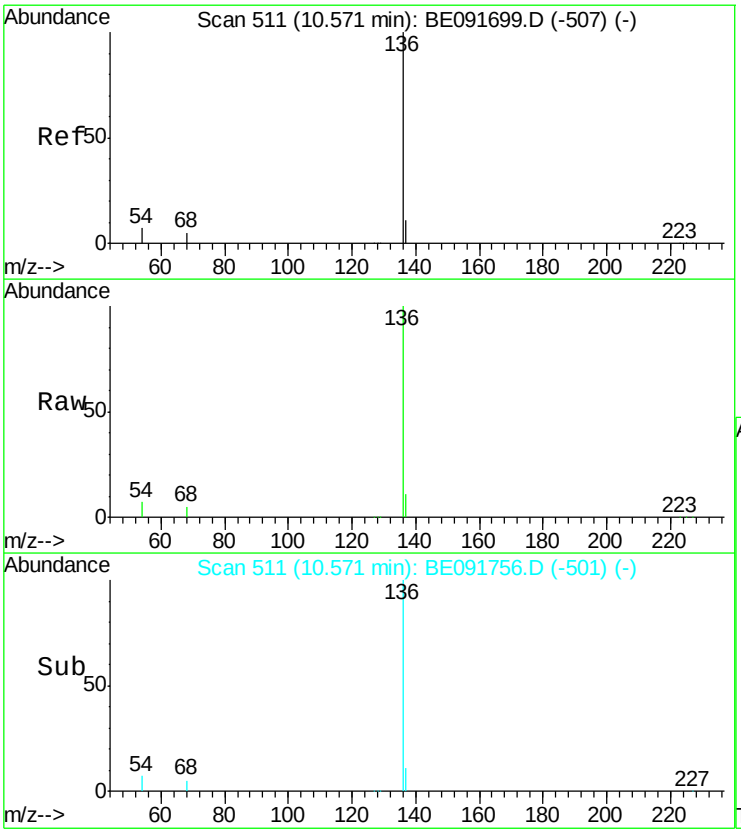
#5
Phenol-d6
Concen: 1.30 ng
RT: 6.95 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160503

Tgt Ion: 99 Resp: 16606

Ion	Ratio	Lower	Upper
99	100		
42	24.8	16.2	24.2#
71	36.0	29.0	43.4

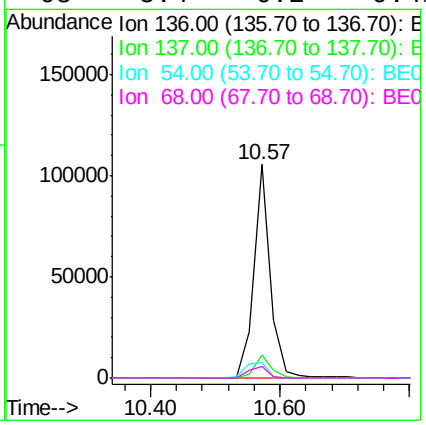


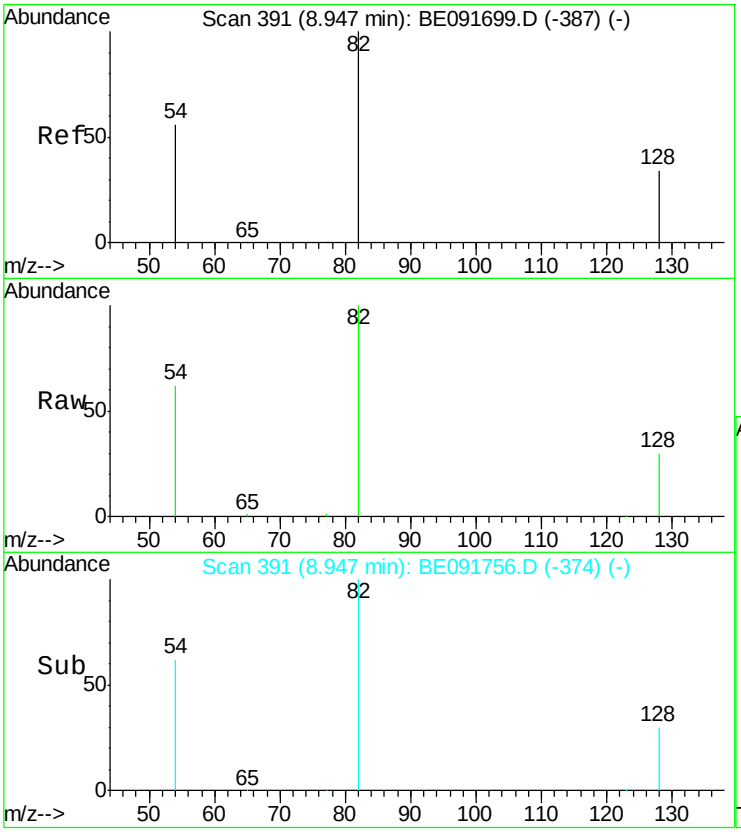


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Tgt Ion:136 Resp: 188240

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.1	8.2	12.4#
68	5.4	6.2	9.4#



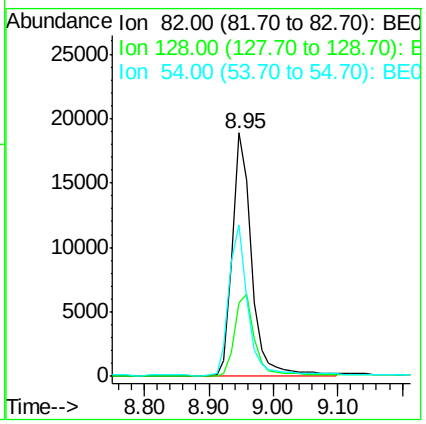


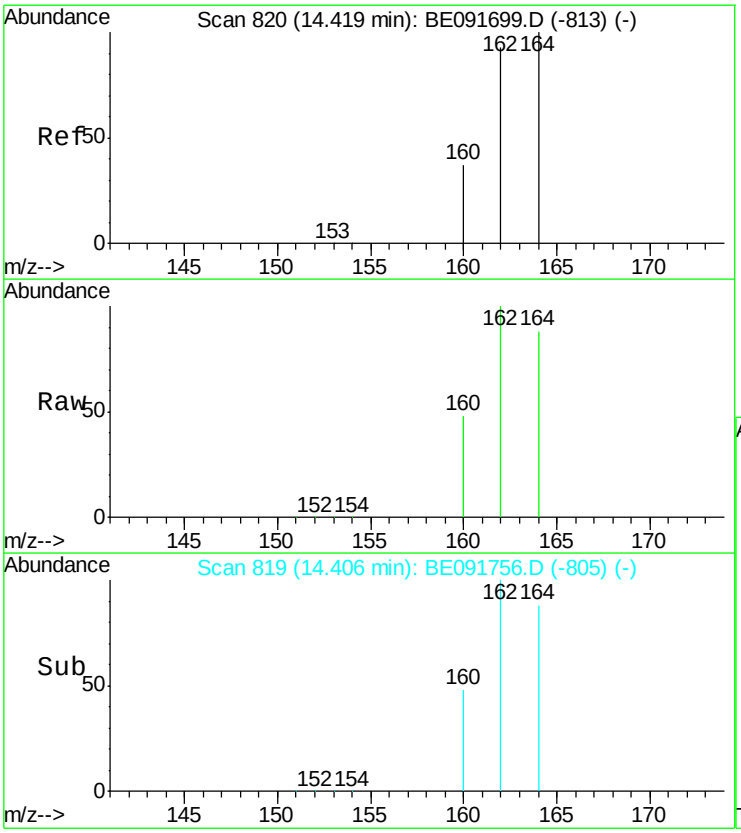
#8
Nitrobenzene-d5
Concen: 3.14 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160503

Tgt Ion: 82 Resp: 38203

Ion	Ratio	Lower	Upper
82	100		
128	30.1	25.4	38.0
54	62.2	48.4	72.6

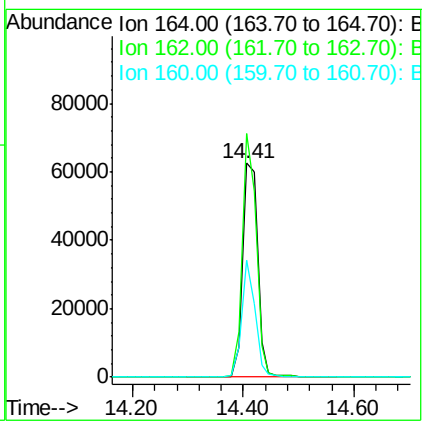


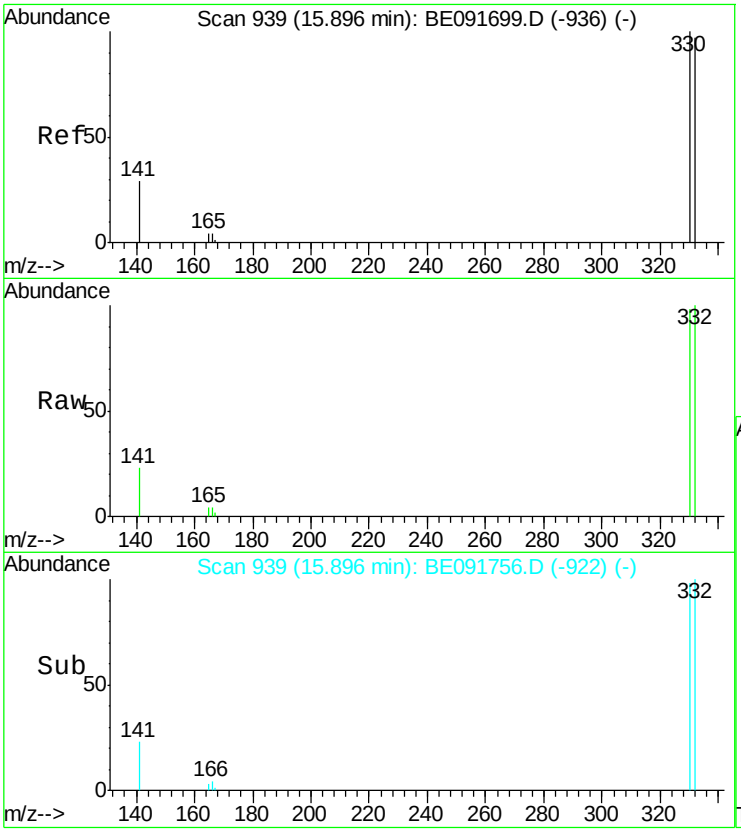


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Tgt Ion:164 Resp: 117042

Ion	Ratio	Lower	Upper
164	100		
162	114.0	85.3	127.9
160	54.6	46.2	69.2



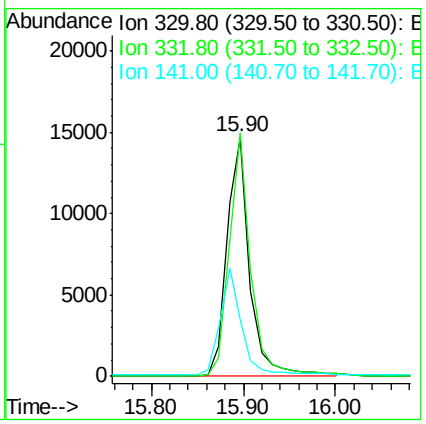


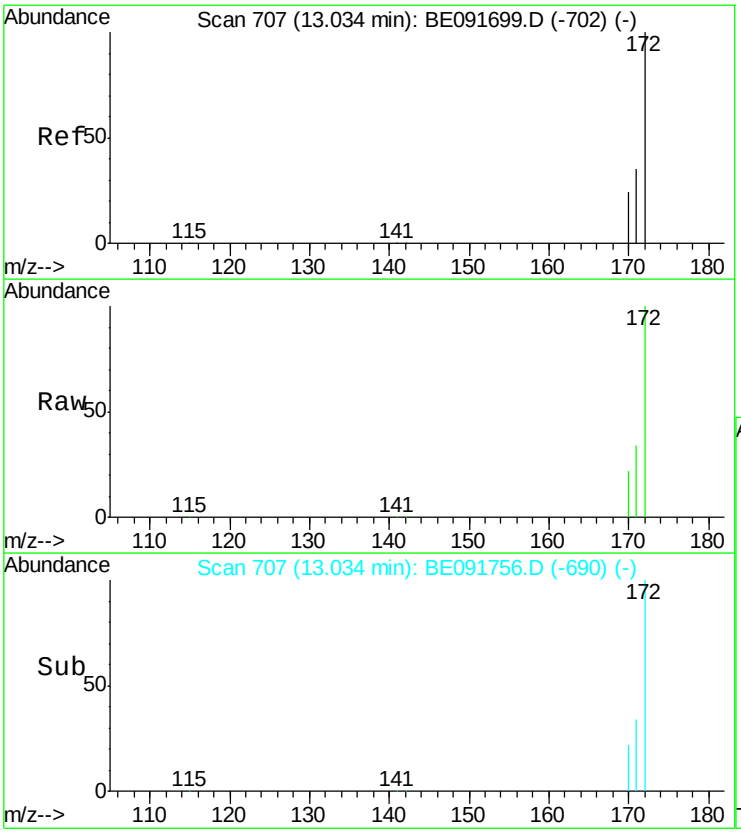
#14
2,4,6-Tribromophenol
Concen: 5.77 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160503

Tgt Ion:330 Resp: 24959

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	42.1	125.4	188.0#

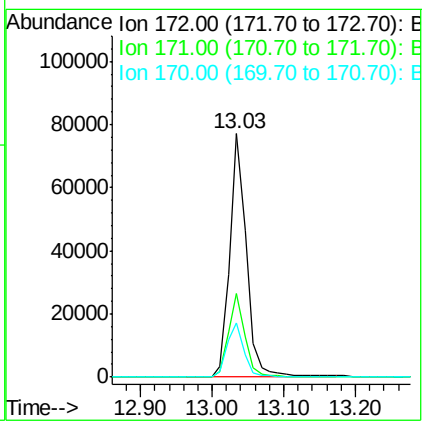


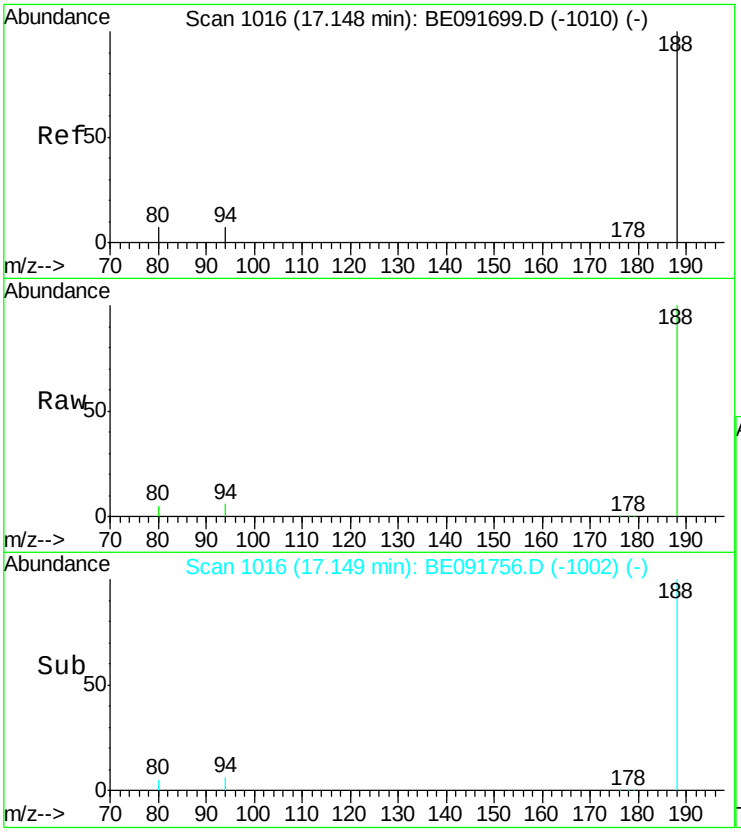


#15
2-Fluorobiphenyl
Concen: 3.75 ng
RT: 13.03 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Tgt Ion:172 Resp: 124174

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.8	43.2
170	22.4	19.3	28.9



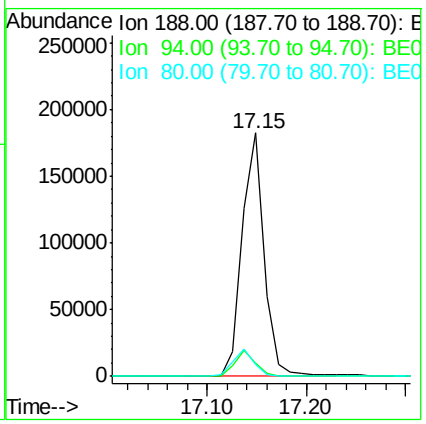


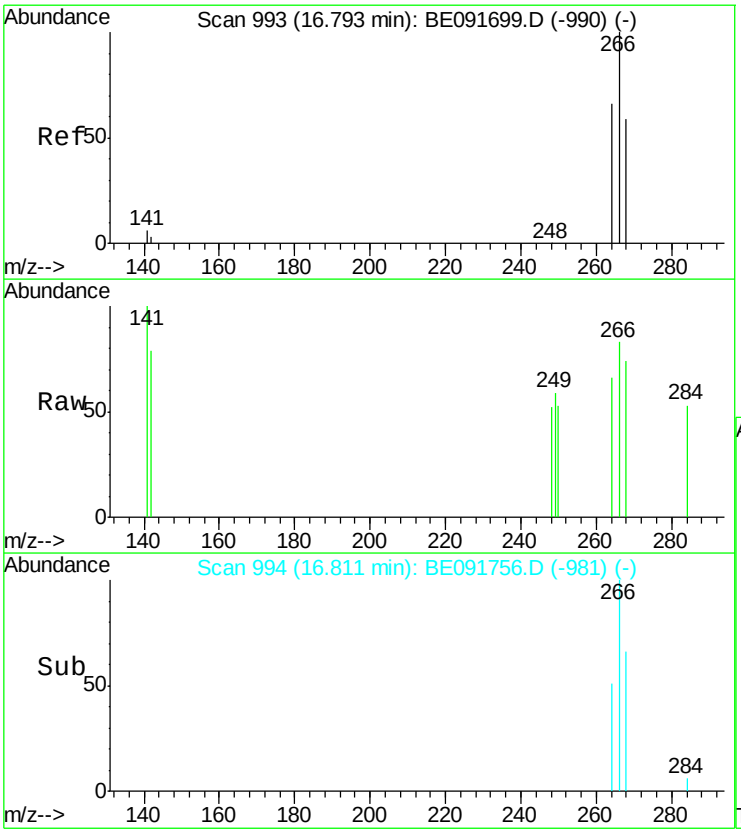
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160503

Tgt Ion:188 Resp: 280859

Ion	Ratio	Lower	Upper
188	100		
94	5.5	8.7	13.1#
80	4.8	9.4	14.0#

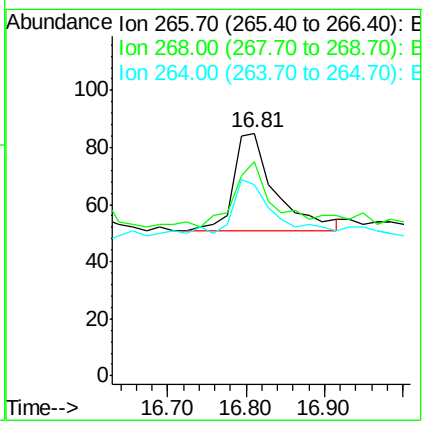


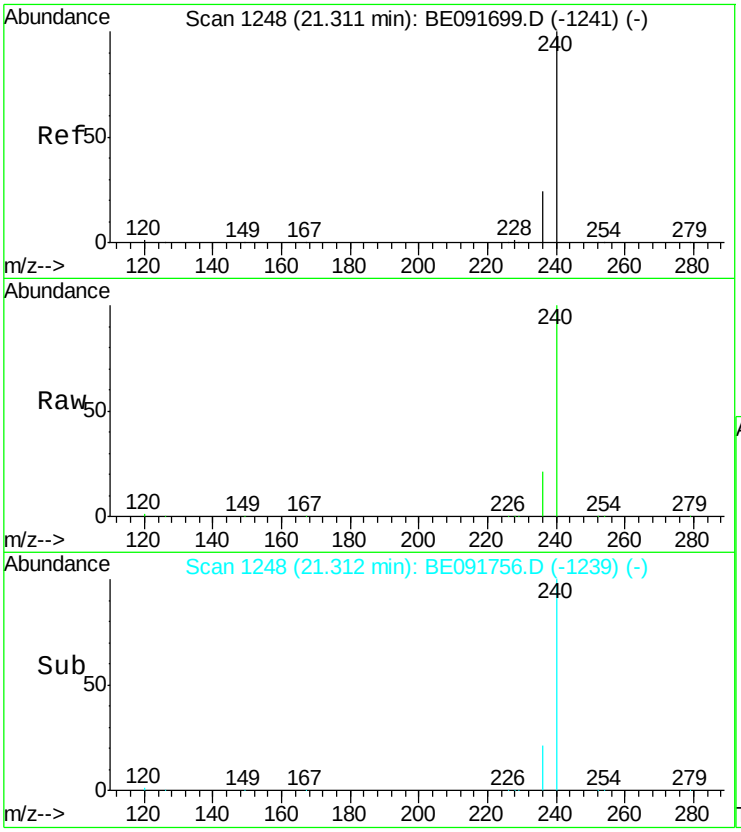


#22
Pentachlorophenol
Concen: 0.12 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.02 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Tgt Ion:266 Resp: 125

Ion	Ratio	Lower	Upper
266	100		
268	88.2	58.2	87.2#
264	78.8	56.2	84.4



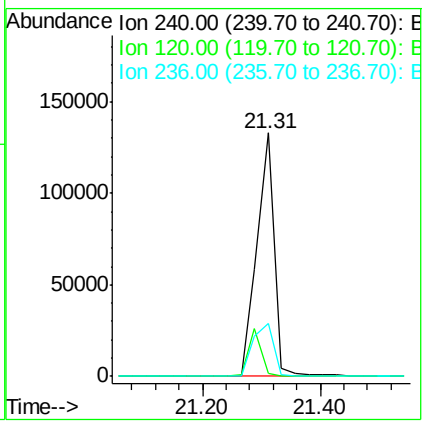


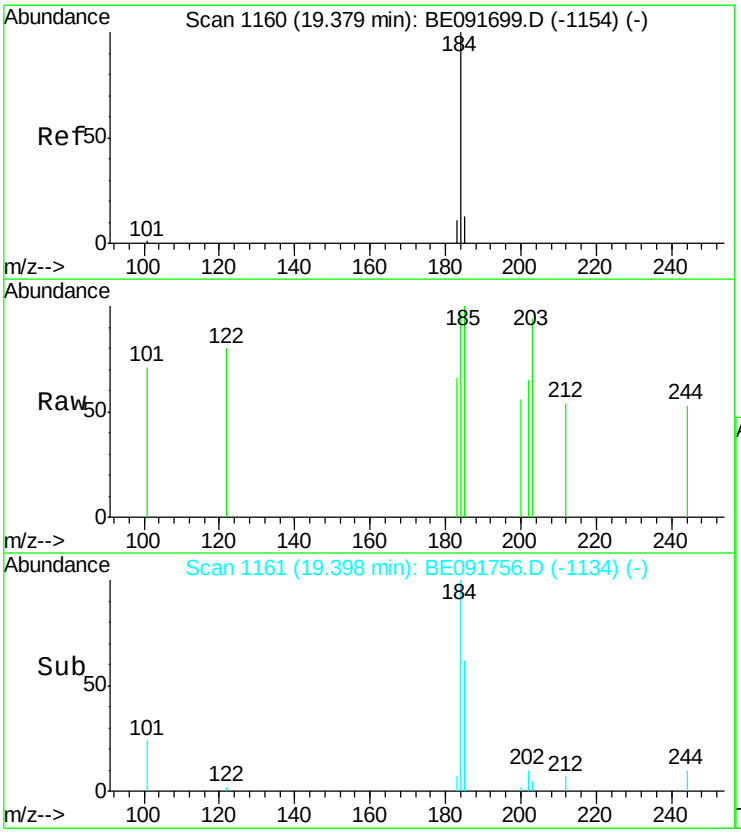
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160503

Tgt Ion:240 Resp: 276881

Ion	Ratio	Lower	Upper
240	100		
120	1.0	11.0	16.4#
236	21.5	21.7	32.5#

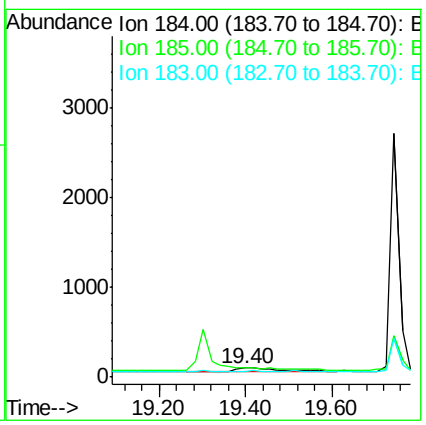


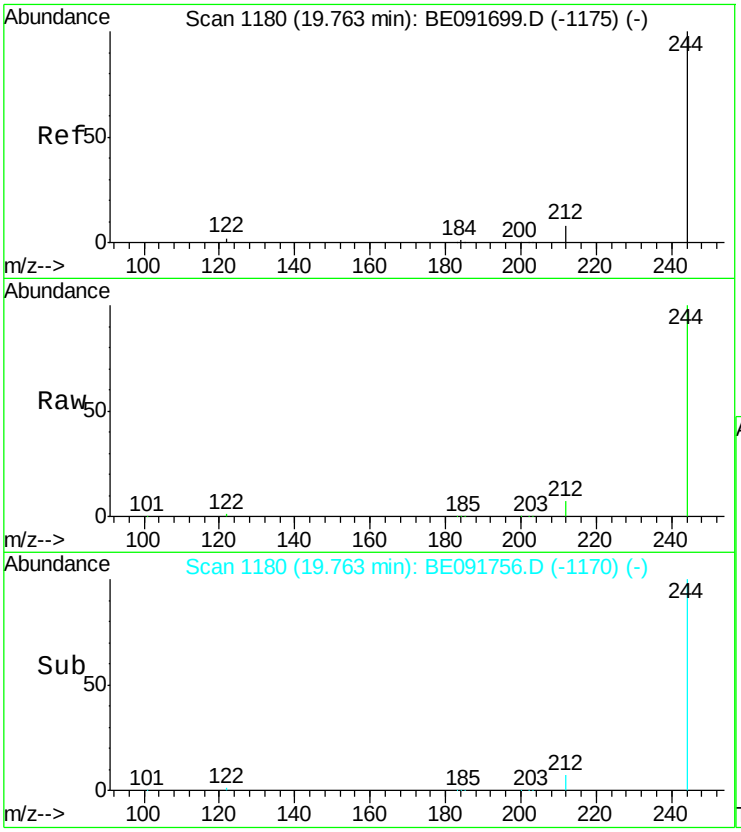


#27
Benzidine
Concen: 0.18 ng
RT: 19.40 min Scan# 1161
Delta R.T. 0.02 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Tgt Ion:184 Resp: 318

Ion	Ratio	Lower	Upper
184	100		
185	102.9	22.3	33.5#
183	67.6	16.4	24.6#



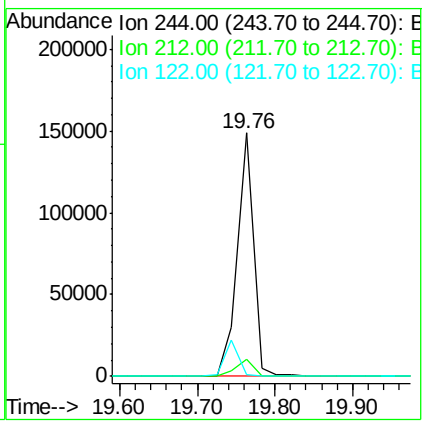


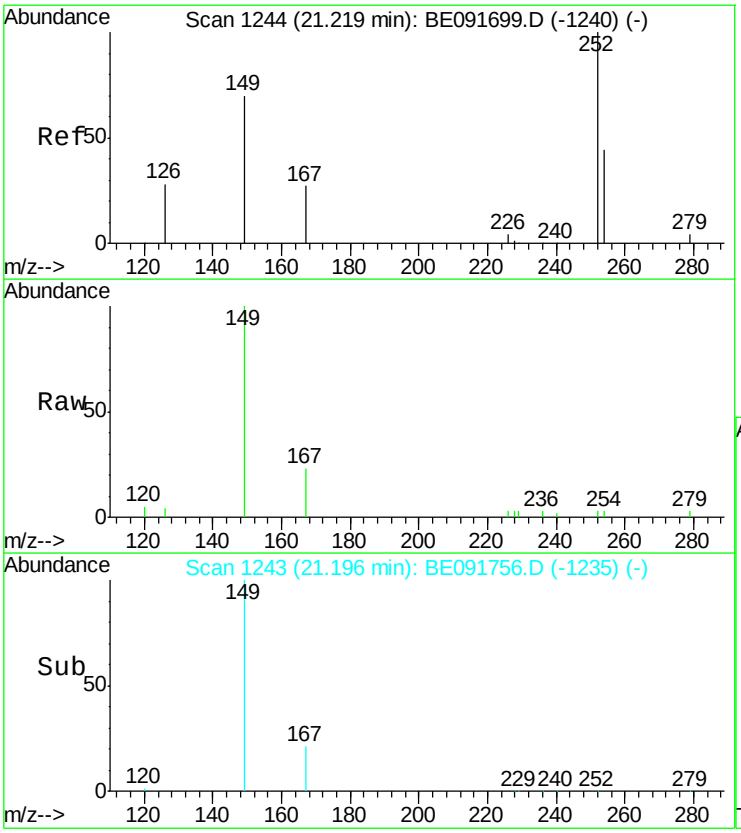
#29
Terphenyl-d14
Concen: 4.98 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160503

Tgt Ion:244 Resp: 214941

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.9	10.3
122	0.9	11.0	16.4#

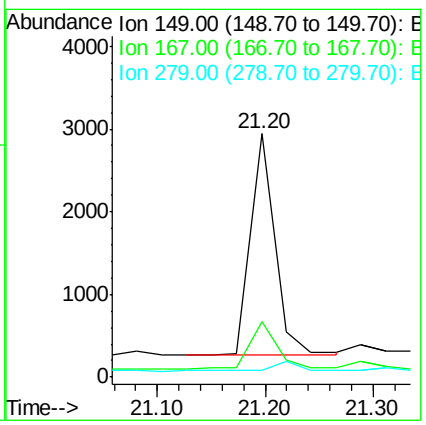


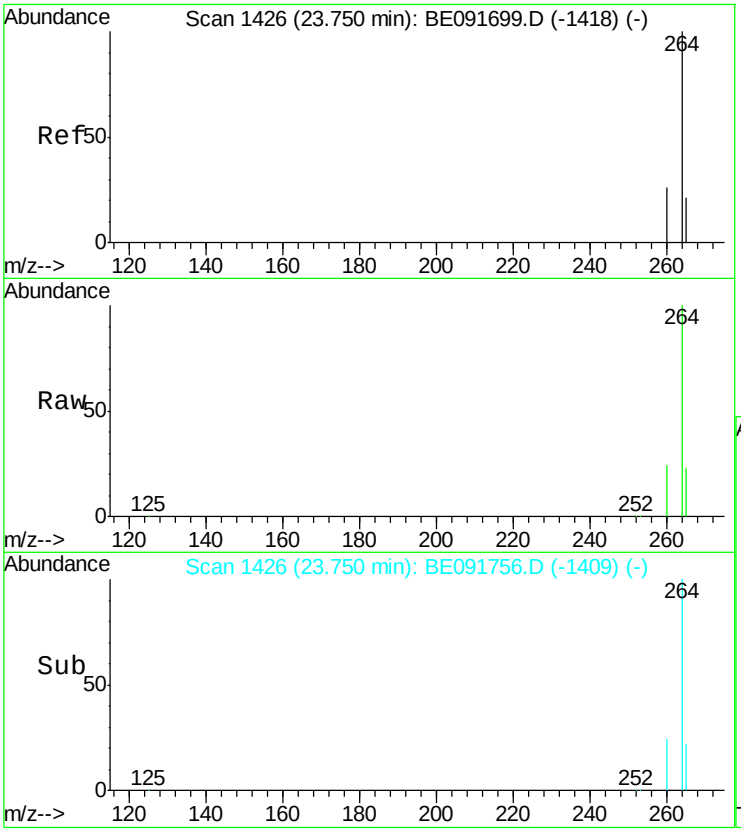


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091756.D
Acq: 9 May 2016 13:56

Tgt Ion:149 Resp: 4189

Ion	Ratio	Lower	Upper
149	100		
167	24.0	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: BE091756.D
Acq: 9 May 2016 13:56

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160503

Tgt Ion:264 Resp: 289521

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.0	30.0
265	22.5	17.5	26.3