Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061516\
Data File : BE091923.D
Acq On : 15 Jun 2016 13:59
Operator : UM/SJ
Sample : H3476-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-160607

Quant Time: Jun 15 15:17:00 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 15 12:00:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	24362	5.00	ng	0.00
8) Naphthalene-d8	11.02	136	109237	5.00	ng	0.03
15) Acenaphthene-d10	14.86	164	82888	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	170715	5.00	ng	0.00
31) Chrysene-d12	21.76	240	285427	5.00	ng	0.00
40) Perylene-d12	24.16	264	203084	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	12050	2.53	ng	0.00
5) Phenol-d6	7.37	99	9155	1.29	ng	0.02
9) Nitrobenzene-d5	9.37	82	23733	3.15	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	14339	6.66	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	70192	3.34	ng	0.00
34) Terphenyl-d14	20.22	244	132812	3.80	ng	0.00
Target Compounds						Qvalue
28) Phenanthrene	17.64	178	895	0.02	ng	# 80
38) Bis(2-ethylhexyl)phthalate	21.64	149	5708	0.12	ng	# 100

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

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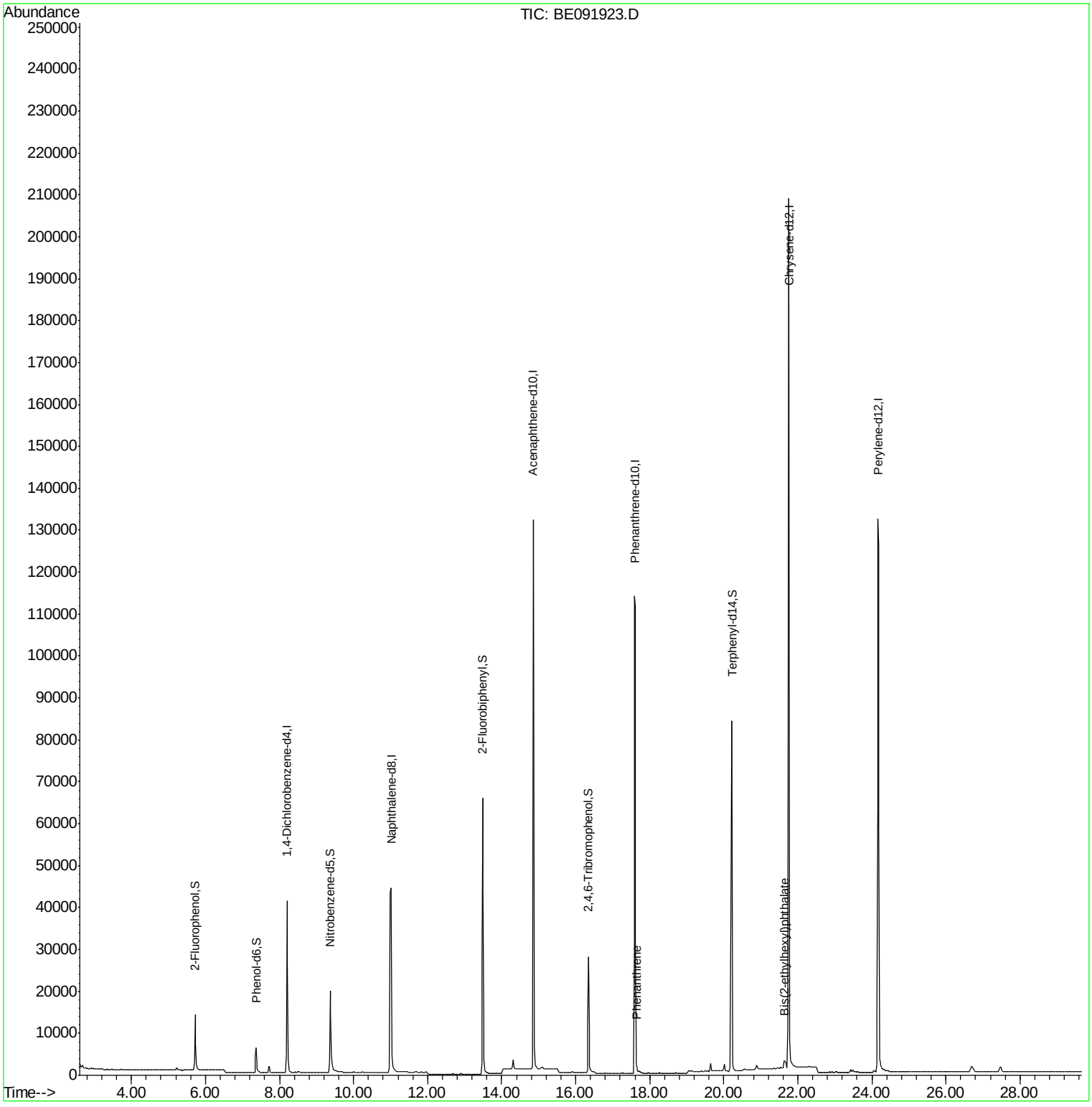
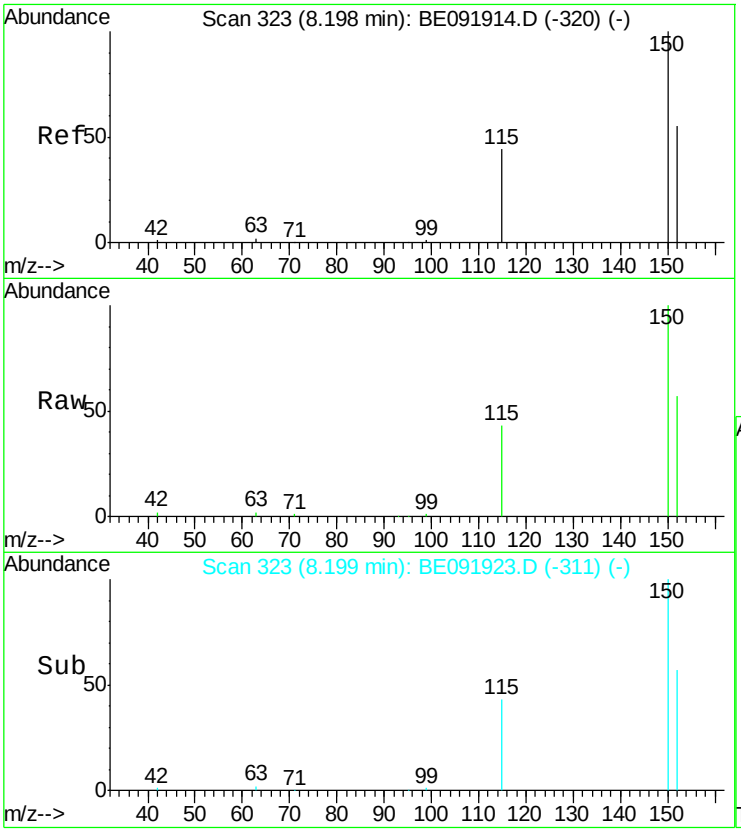


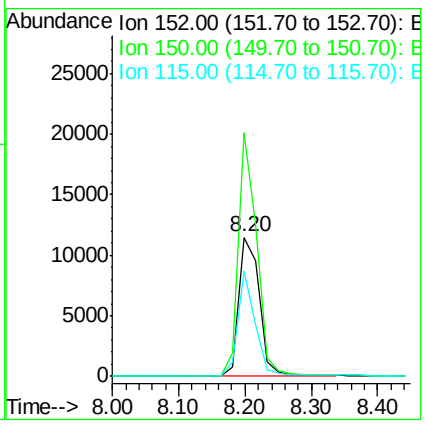


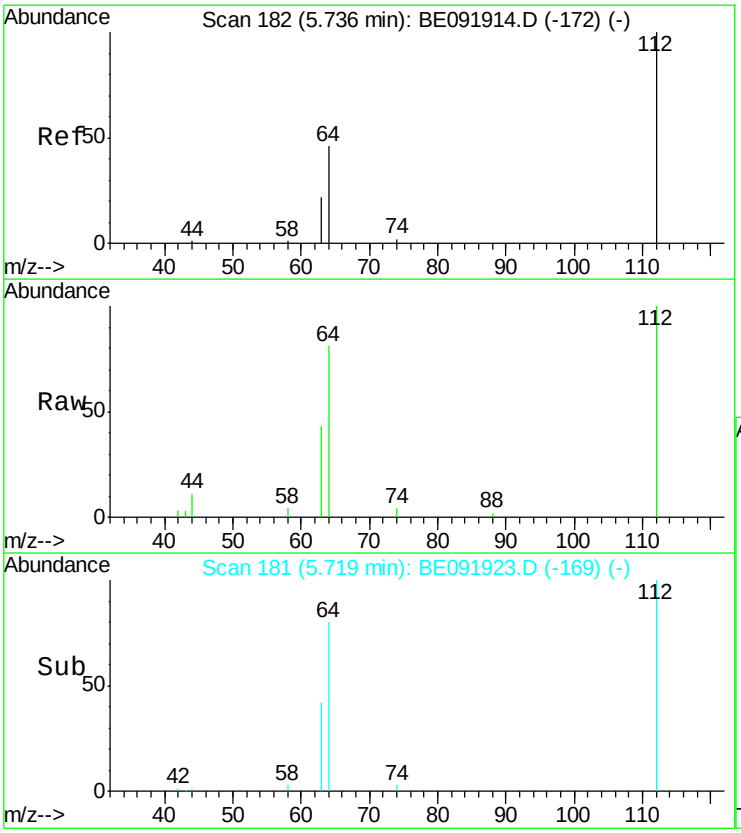
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160607

Tgt Ion:152 Resp: 24362

Ion	Ratio	Lower	Upper
152	100		
150	175.5	123.9	185.9
115	75.9	48.3	72.5#

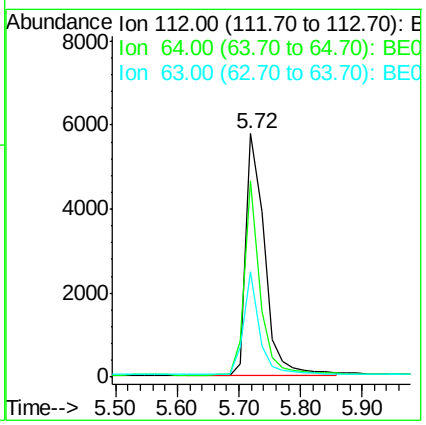


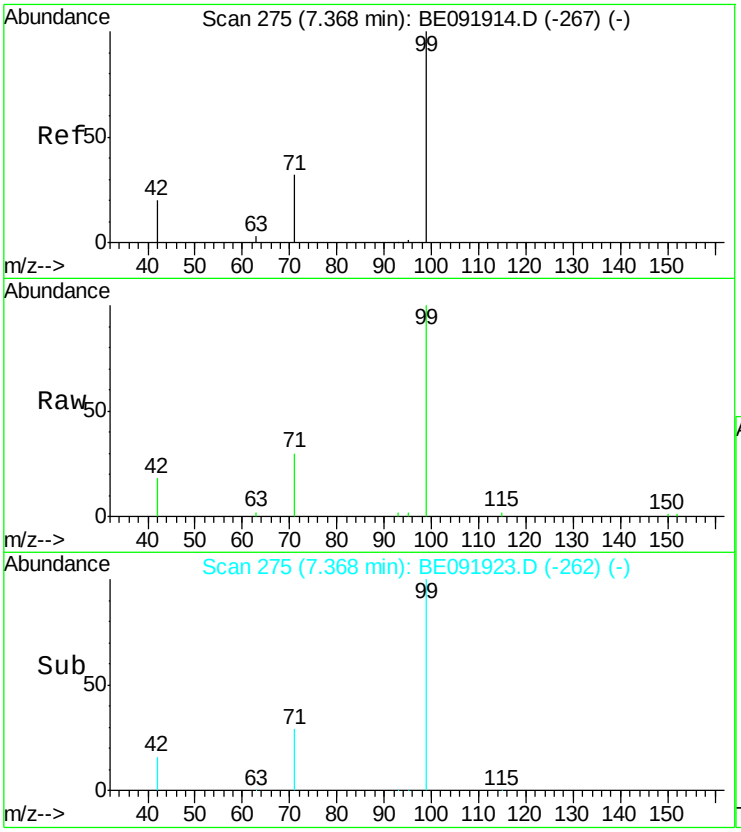


#4
2-Fluorophenol
Concen: 2.53 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Tgt Ion:112 Resp: 12050

Ion	Ratio	Lower	Upper
112	100		
64	67.6	53.7	80.5
63	36.2	29.5	44.3



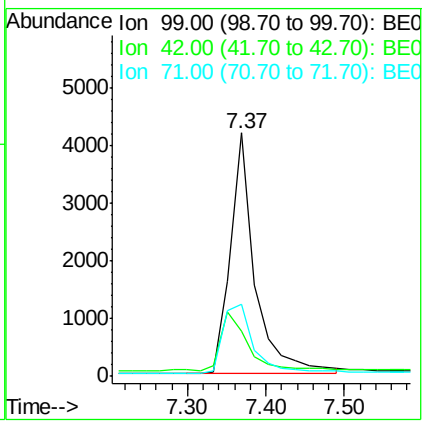


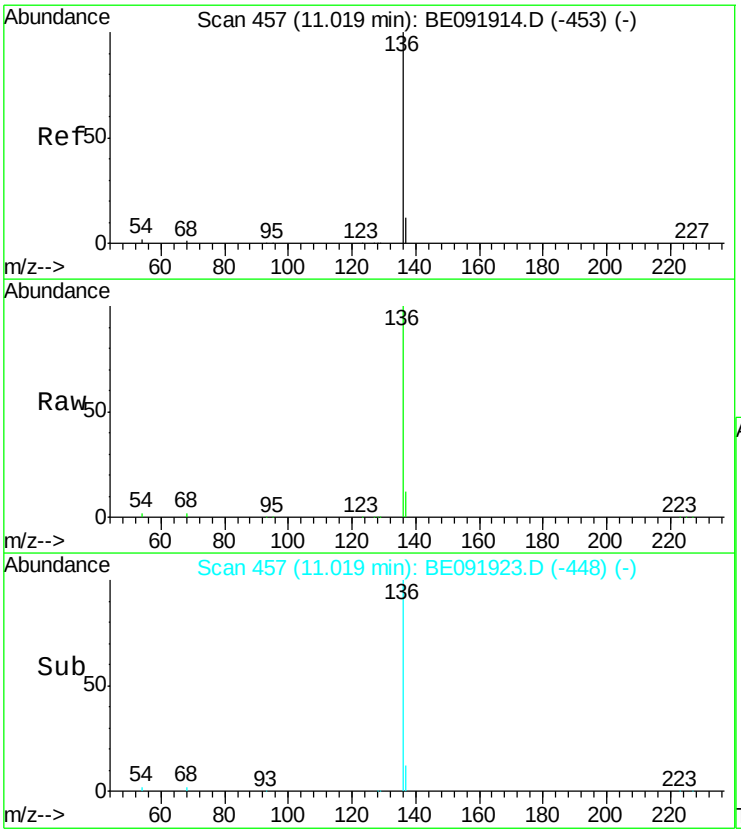
#5
Phenol-d6
Concen: 1.29 ng
RT: 7.37 min Scan# 275
Delta R.T. 0.02 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160607

Tgt Ion: 99 Resp: 9155

Ion	Ratio	Lower	Upper
99	100		
42	26.8	19.6	29.4
71	36.1	28.1	42.1

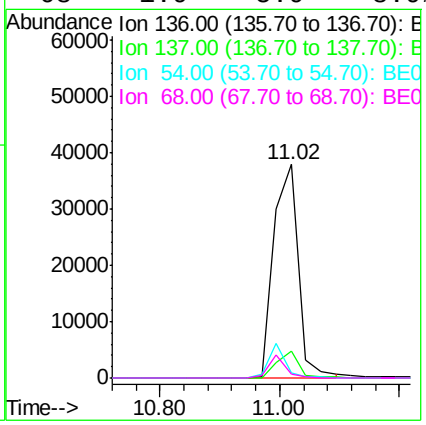


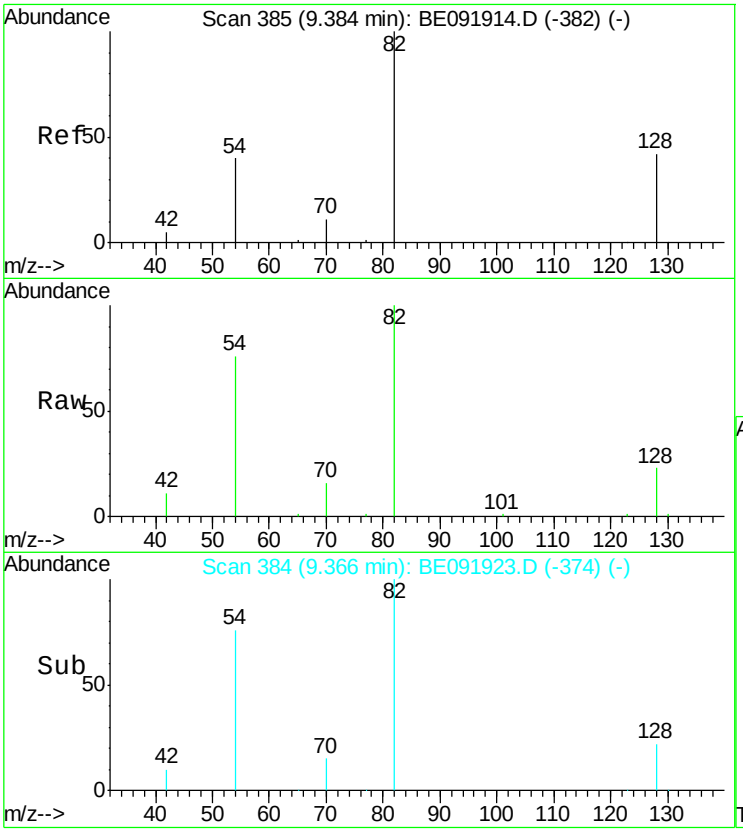


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 11.02 min Scan# 457
Delta R.T. 0.03 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Tgt Ion:136 Resp: 109237

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.3	12.5
54	2.3	8.2	12.4#
68	1.9	5.9	8.9#



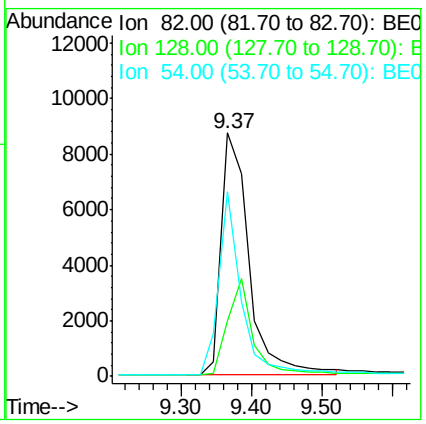


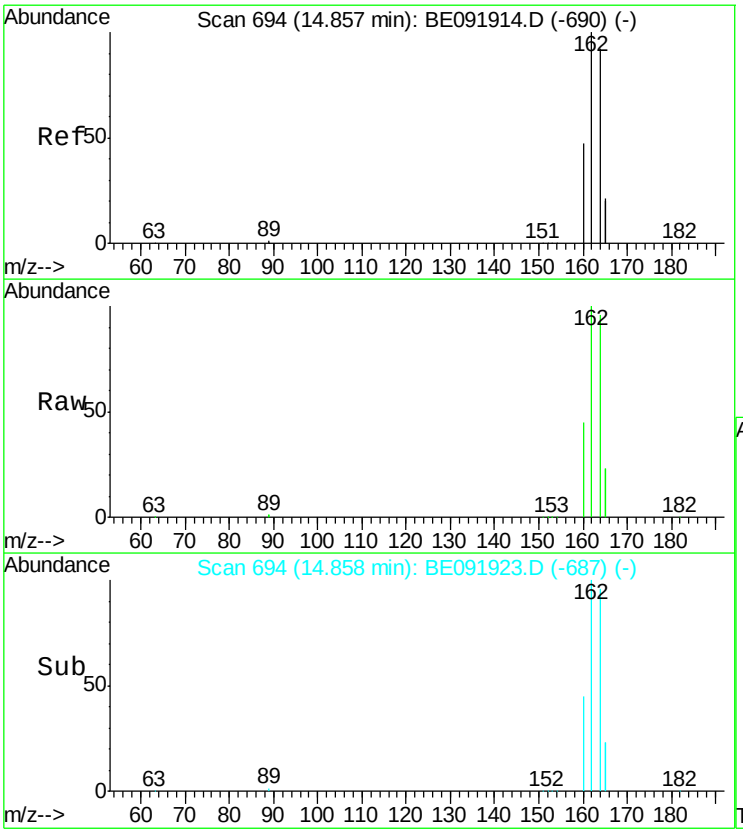
#9
Nitrobenzene-d5
Concen: 3.15 ng
RT: 9.37 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160607

Tgt Ion: 82 Resp: 23733

Ion	Ratio	Lower	Upper
82	100		
128	23.0	39.5	59.3#
54	75.9	30.3	45.5#

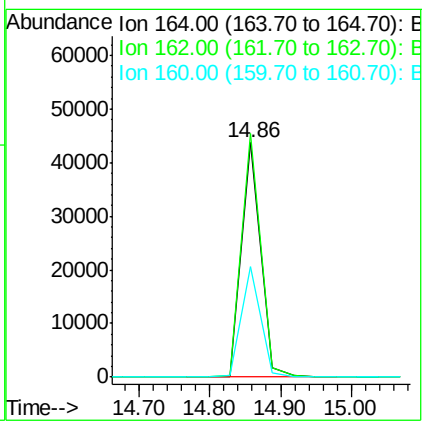


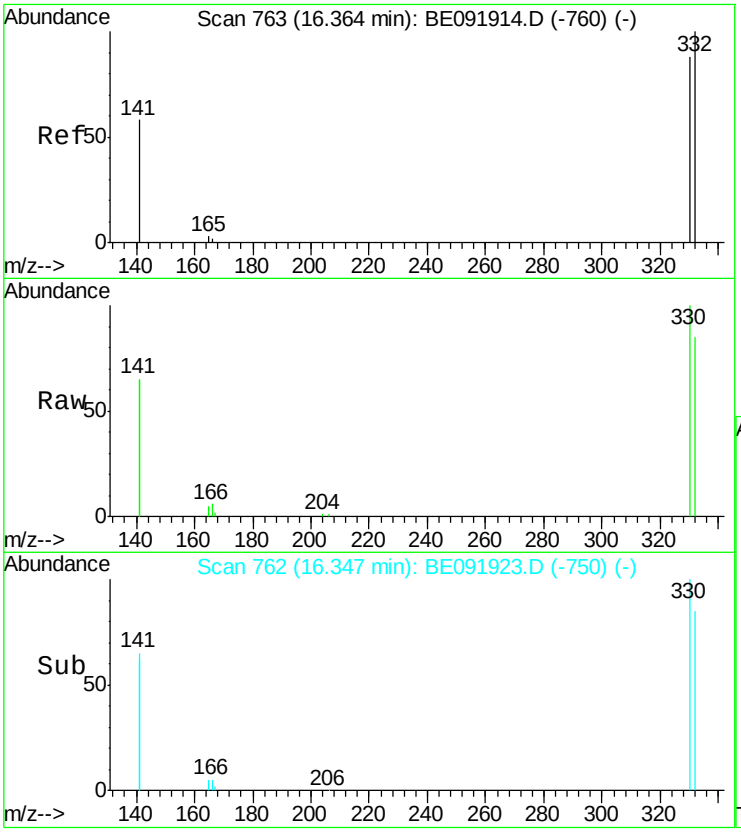


#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Tgt Ion:164 Resp: 82888

Ion	Ratio	Lower	Upper
164	100		
162	103.8	71.8	107.8
160	47.0	28.0	42.0#



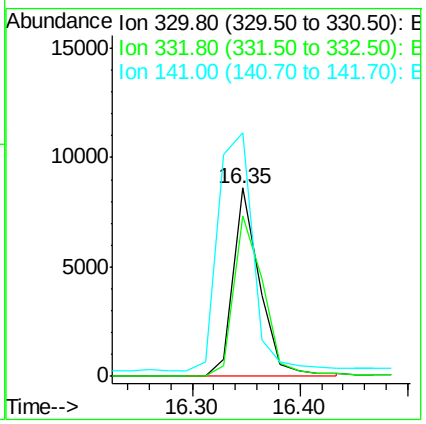


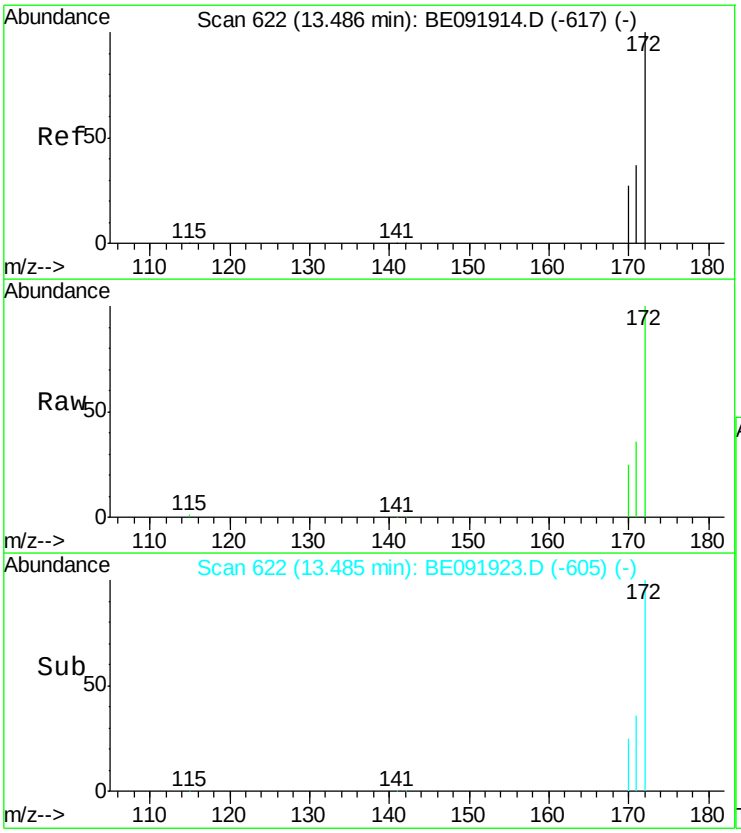
#16
2,4,6-Tribromophenol
Concen: 6.66 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160607

Tgt Ion:330 Resp: 14339

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	170.0	138.4	207.6

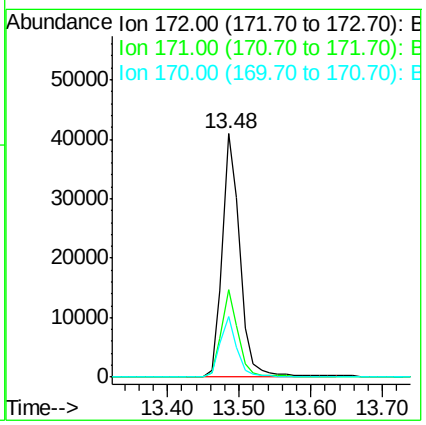


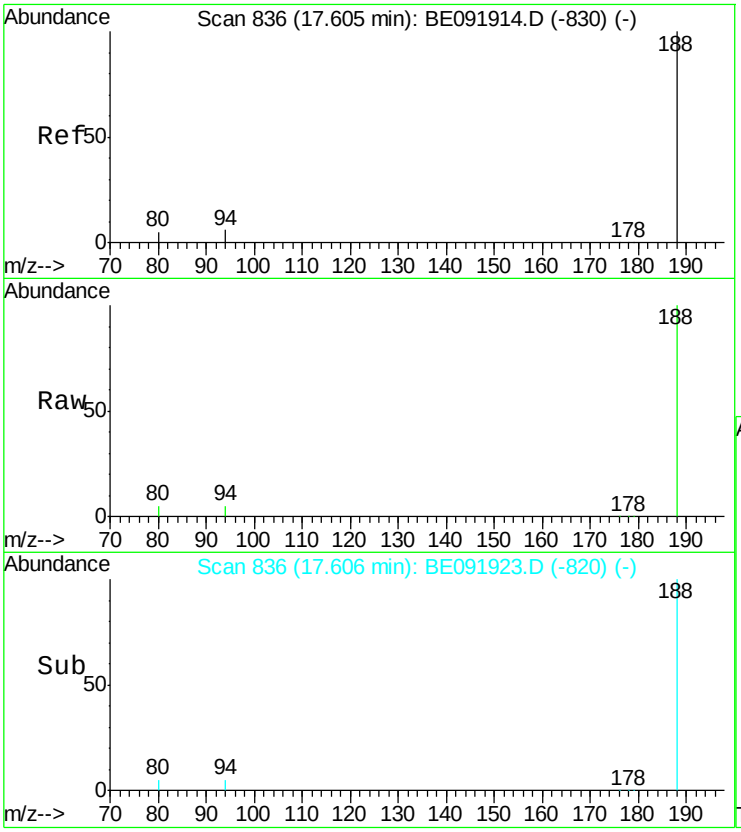


#17
2-Fluorobiphenyl
Concen: 3.34 ng
RT: 13.48 min Scan# 622
Delta R.T. -0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Tgt Ion:172 Resp: 70192

Ion	Ratio	Lower	Upper
172	100		
171	35.8	24.3	36.5
170	24.9	14.9	22.3#



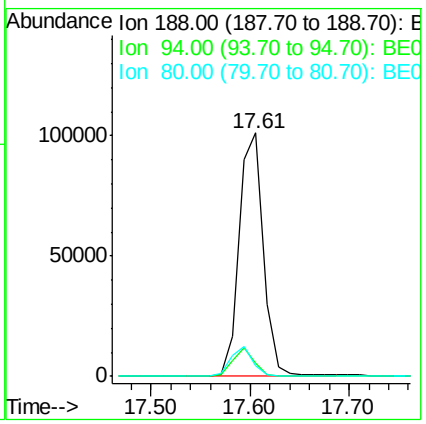


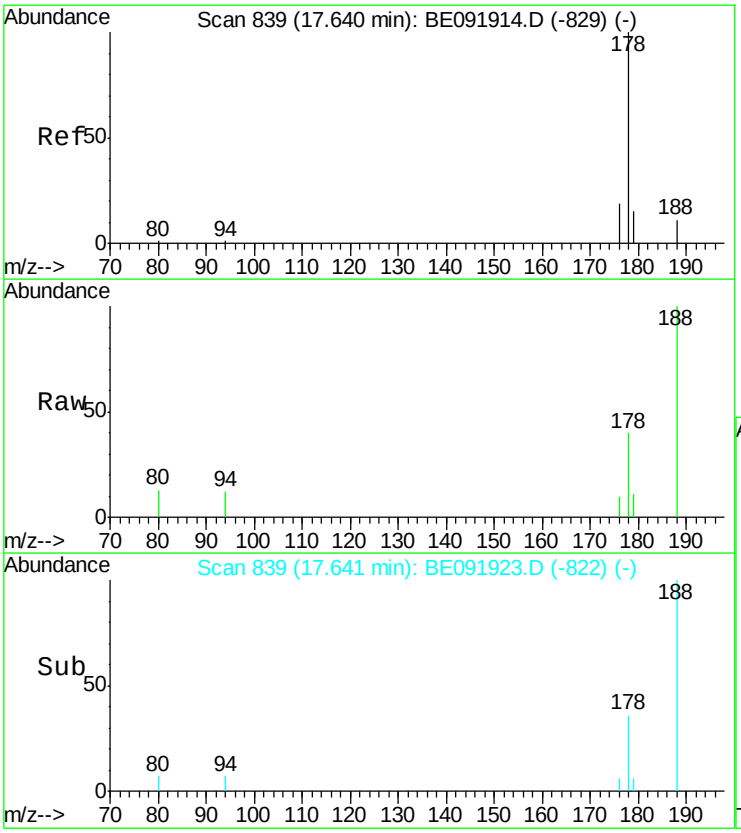
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 836
Delta R.T. -0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160607

Tgt Ion:188 Resp: 170715

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.1	6.1
80	4.6	3.4	5.2

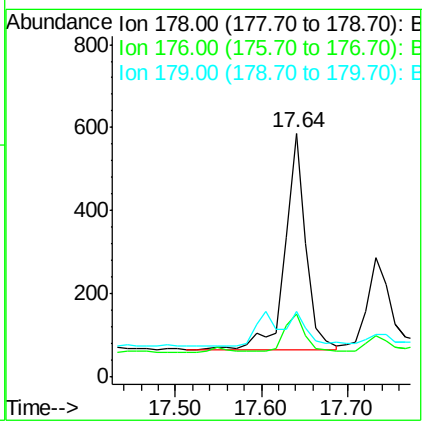


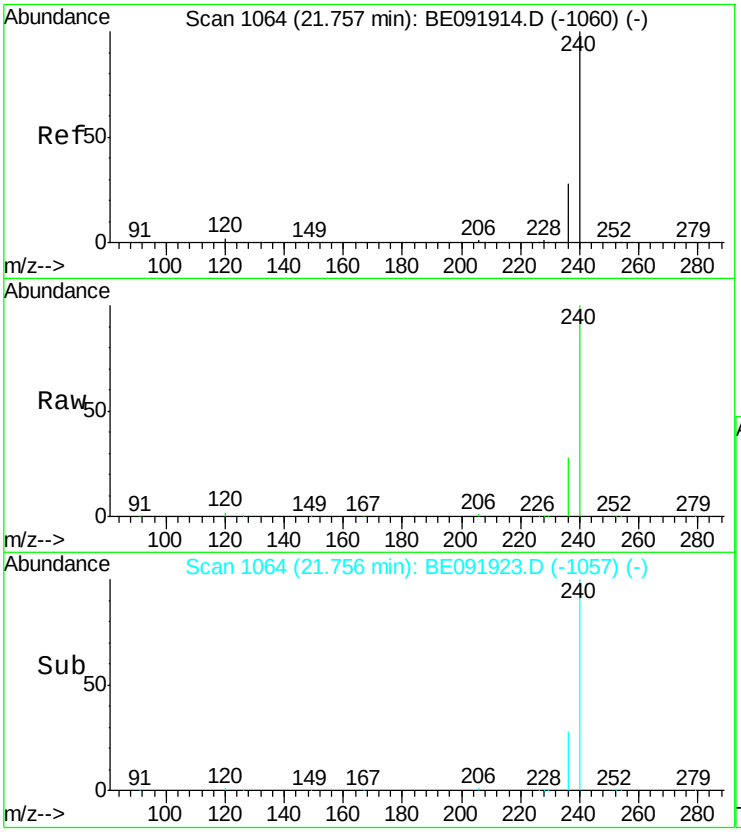


#28
Phenanthrene
Concen: 0.02 ng
RT: 17.64 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Tgt Ion:178 Resp: 895

Ion	Ratio	Lower	Upper
178	100		
176	16.6	15.4	23.2
179	0.0	12.9	19.3#



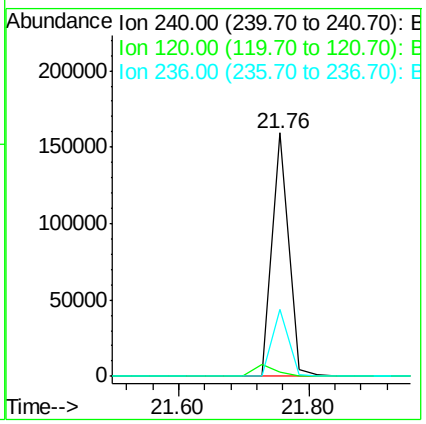


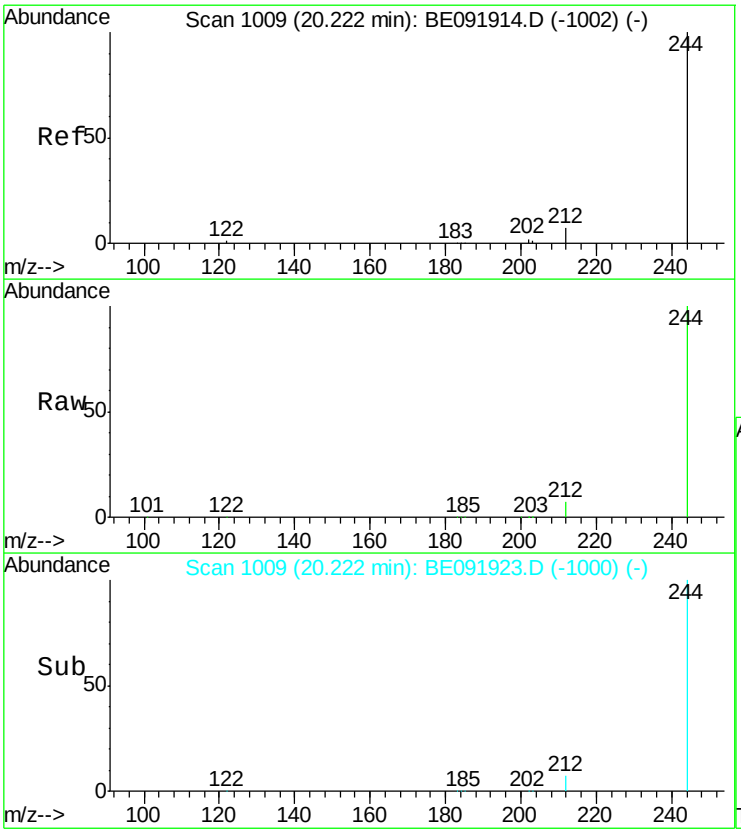
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160607

Tgt Ion:240 Resp: 285427

Ion	Ratio	Lower	Upper
240	100		
120	1.5	1.2	1.8
236	27.7	19.8	29.8

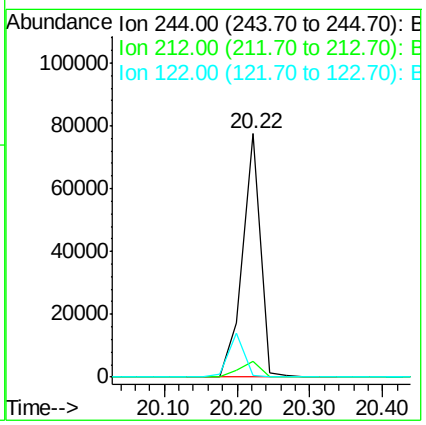


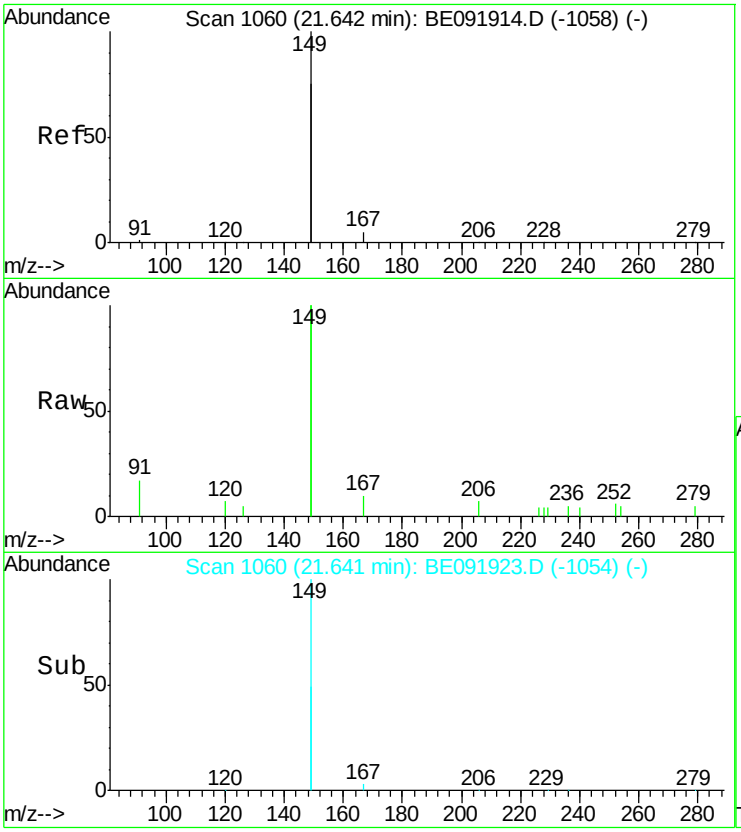


#34
Terphenyl-d14
Concen: 3.80 ng
RT: 20.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Tgt Ion:244 Resp: 132812

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	0.5	2.9	4.3#



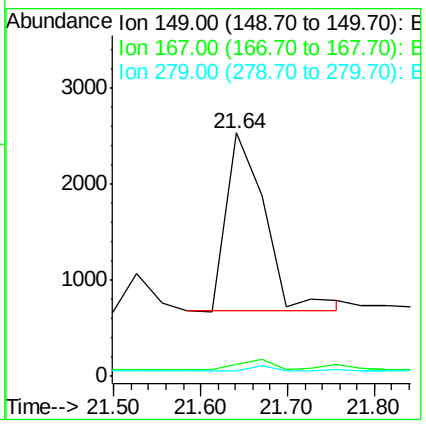


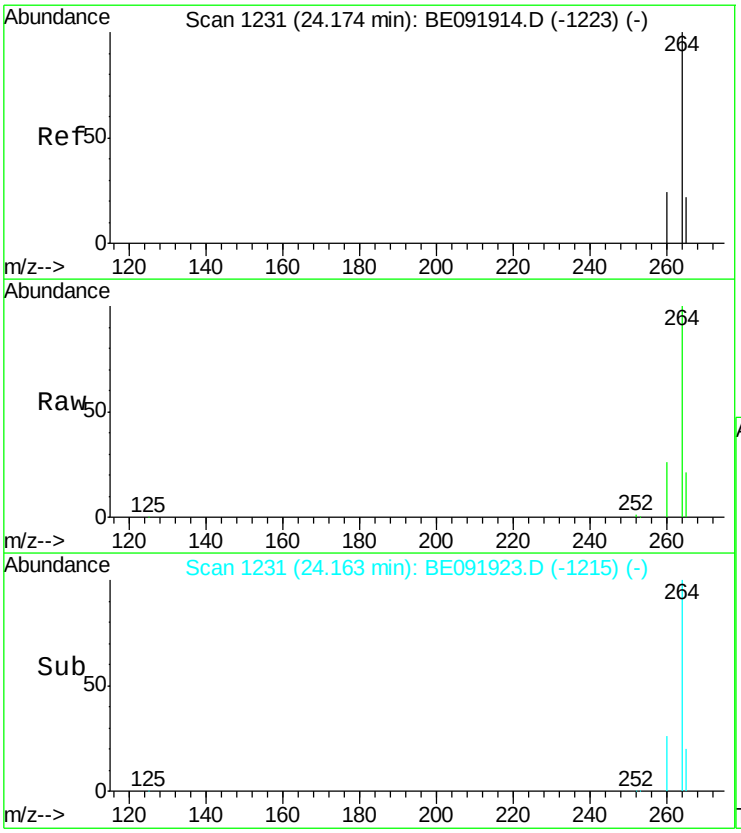
#38
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.64 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160607

Tgt Ion:149 Resp: 5708

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0





#40
Perylene-d12
Concen: 5.00 ng
RT: 24.16 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Tgt Ion:264 Resp: 203084

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.3	30.5
265	20.6	17.6	26.4