Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052316\
Data File : BE091844.D
Acq On : 23 May 2016 13:08
Operator : UM/SJ
Sample : PB90761BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB90761BL

Quant Time: May 24 02:19:52 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	22591	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	104597	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	67877	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	192617	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	302301	5.00	ng	-0.02
35) Perylene-d12	23.73	264	272317	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	40490	6.86	ng	0.00
5) Phenol-d6	6.96	99	54442	6.55	ng	0.00
8) Nitrobenzene-d5	8.93	82	25148	3.63	ng	-0.01
14) 2,4,6-Tribromophenol	15.89	330	23862	9.05	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	65573	3.42	ng	-0.01
29) Terphenyl-d14	19.74	244	148106	3.46	ng	-0.02
Target Compounds						Qvalue
23) Phenanthrene	17.17	178	168	Below Cal	#	60
27) Benzidine	19.40	184	71	Below Cal	#	1
32) Chrysene	21.29	228	1008	0.06	ng	# 68
33) Bis(2-ethylhexyl)phthalate	21.20	149	824	0.27	ng	# 81

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052316\
Data File : BE091844.D
Acq On : 23 May 2016 13:08
Operator : UM/SJ
Sample : PB90761BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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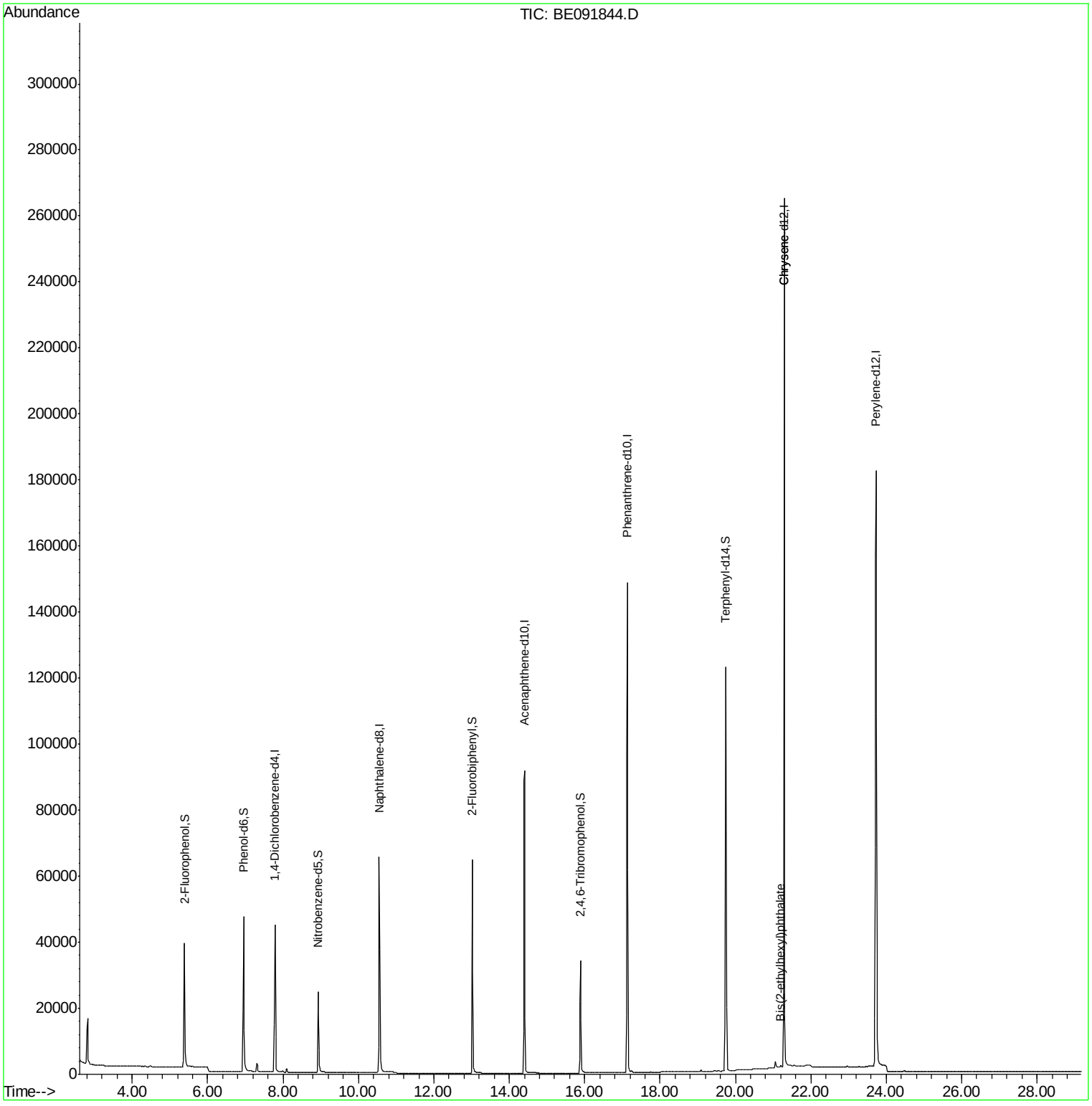
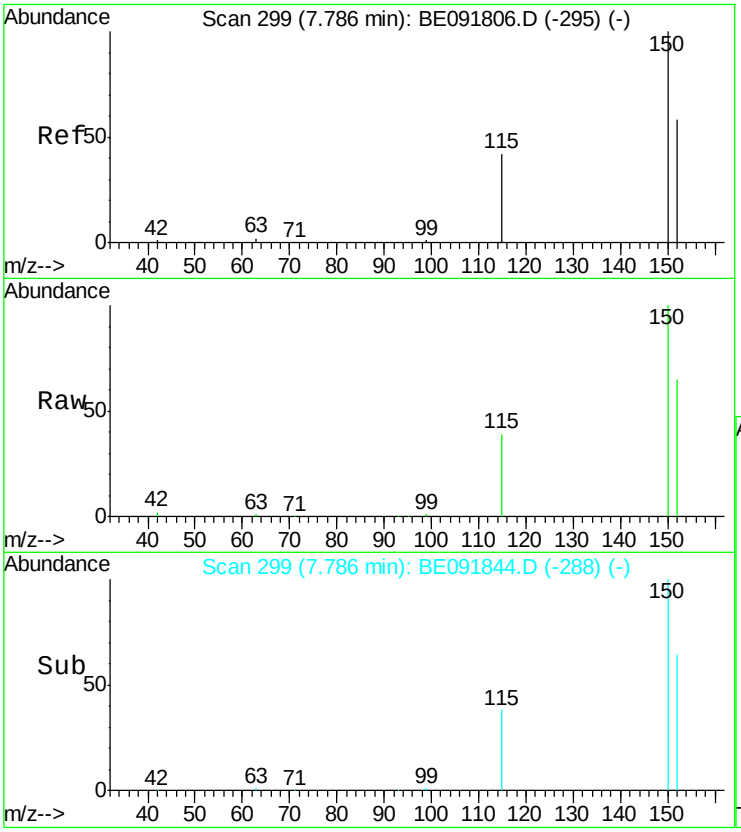


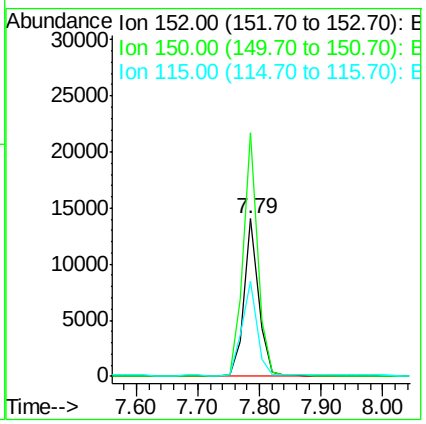


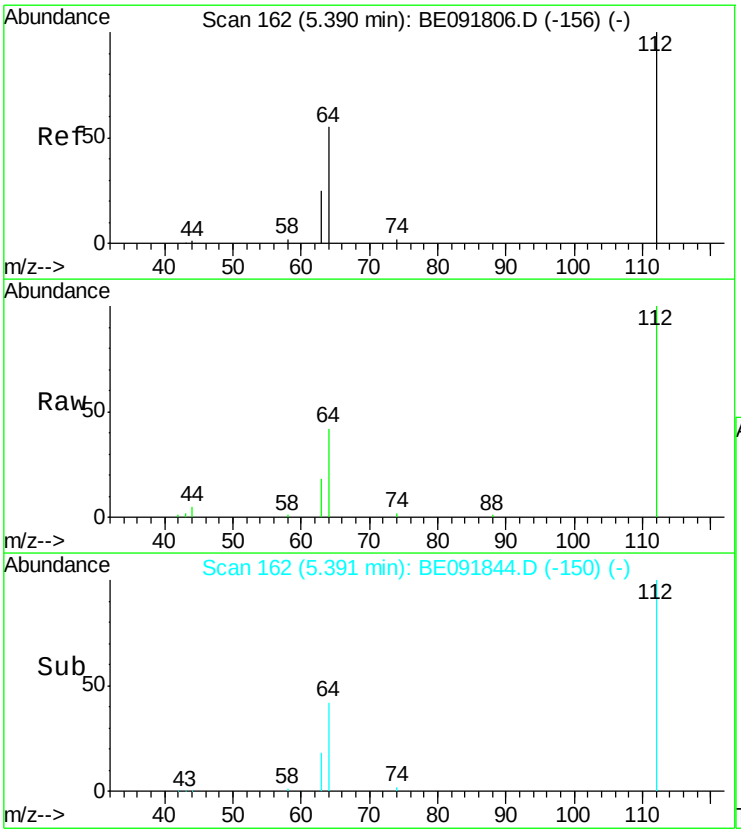
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.79 min Scan# 299
Delta R.T. -0.02 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Instrument :
BNA_E
ClientSampleId :
PB90761BL

Tgt Ion:152 Resp: 22591

Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.6	183.8
115	60.1	52.8	79.2

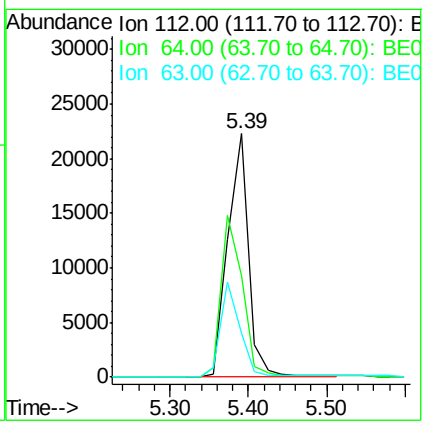


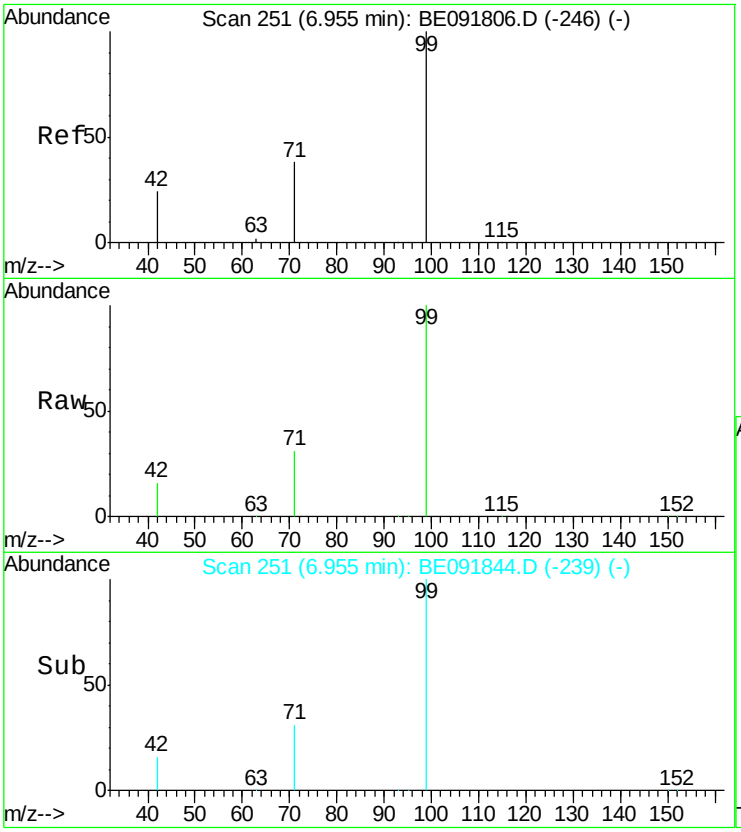


#4
2-Fluorophenol
Concen: 6.86 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Tgt Ion:112 Resp: 40490

Ion	Ratio	Lower	Upper
112	100		
64	67.5	30.9	46.3#
63	35.9	16.7	25.1#



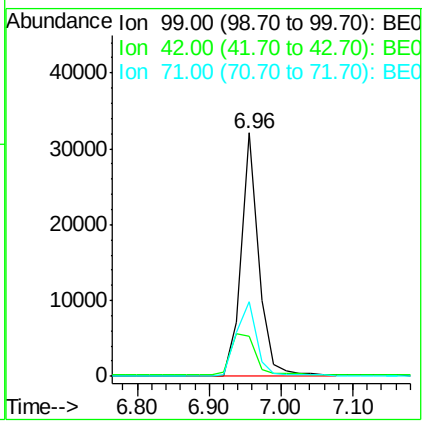


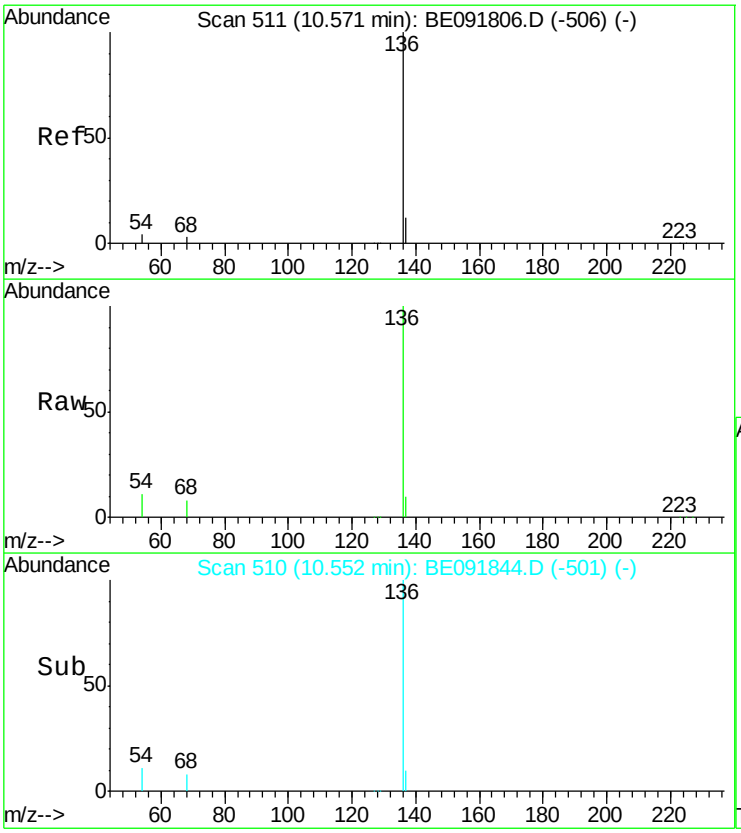
#5
Phenol-d6
Concen: 6.55 ng
RT: 6.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Instrument :
BNA_E
ClientSampleId :
PB90761BL

Tgt Ion: 99 Resp: 54442

Ion	Ratio	Lower	Upper
99	100		
42	22.9	16.2	24.2
71	35.3	29.0	43.4

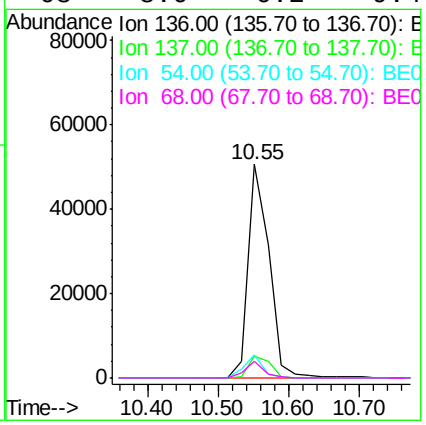


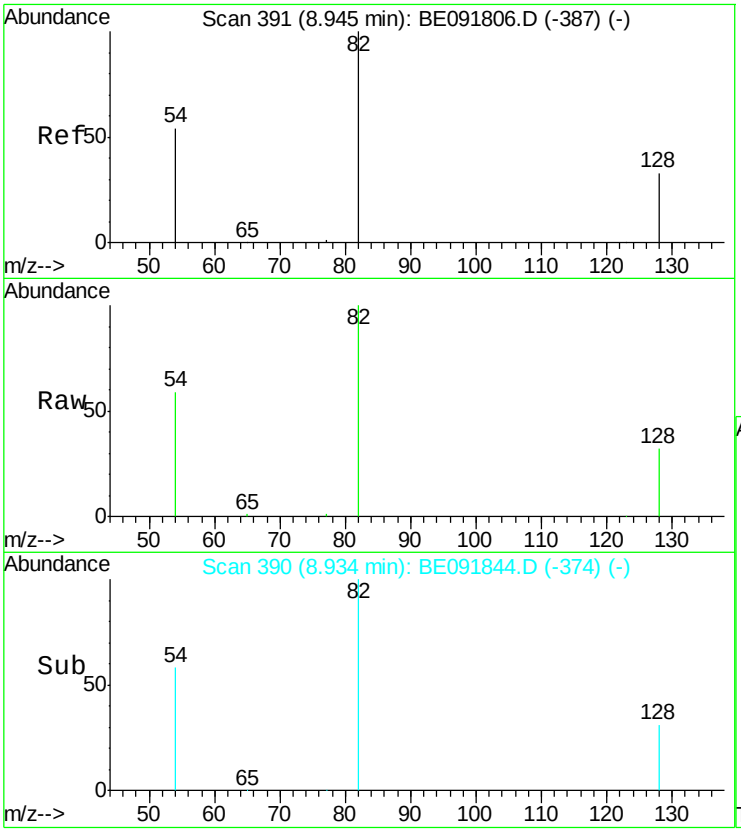


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.55 min Scan# 510
Delta R.T. -0.02 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Tgt Ion:136 Resp: 104597

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	11.0	8.2	12.4
68	8.0	6.2	9.4



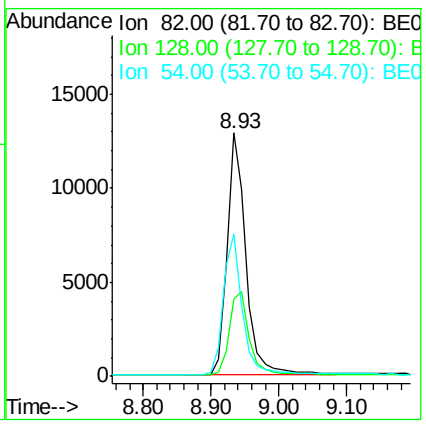


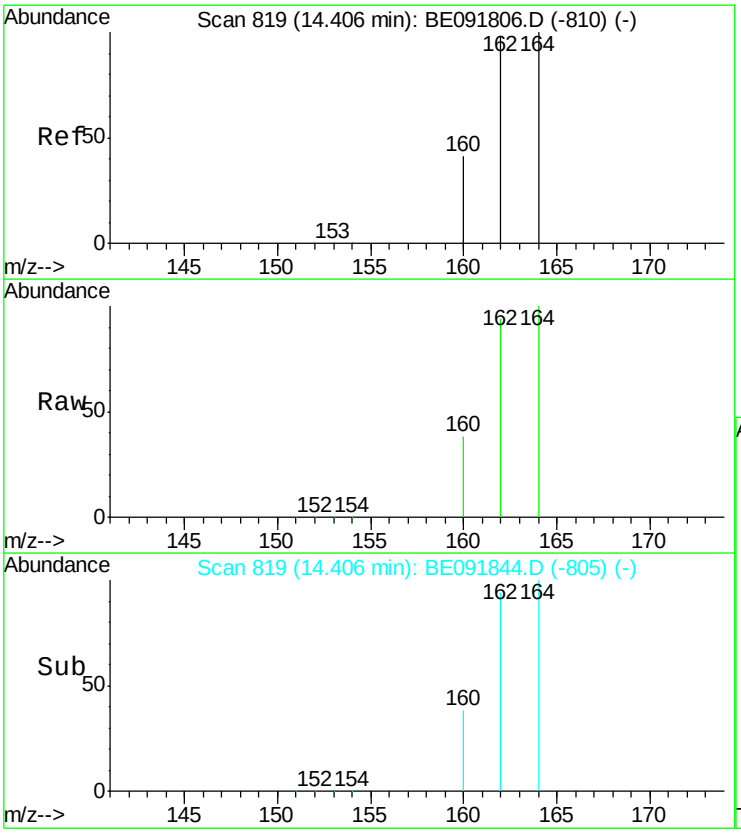
#8
Nitrobenzene-d5
Concen: 3.63 ng
RT: 8.93 min Scan# 390
Delta R.T. -0.01 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Instrument :
BNA_E
ClientSampleId :
PB90761BL

Tgt Ion: 82 Resp: 25148

Ion	Ratio	Lower	Upper
82	100		
128	31.8	25.4	38.0
54	58.6	48.4	72.6

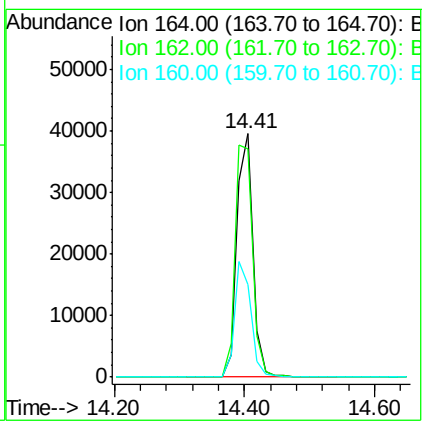


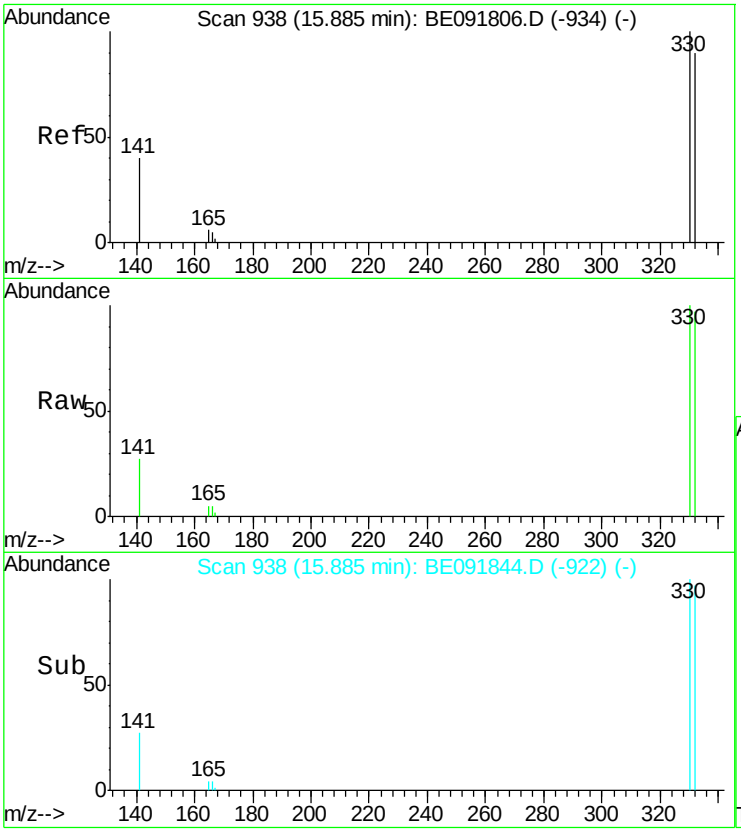


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Tgt Ion:164 Resp: 67877

Ion	Ratio	Lower	Upper
164	100		
162	93.9	85.3	127.9
160	37.9	46.2	69.2#



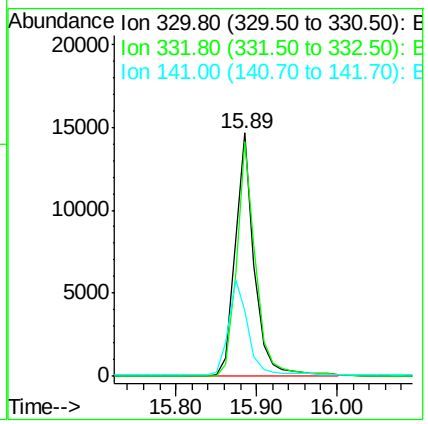


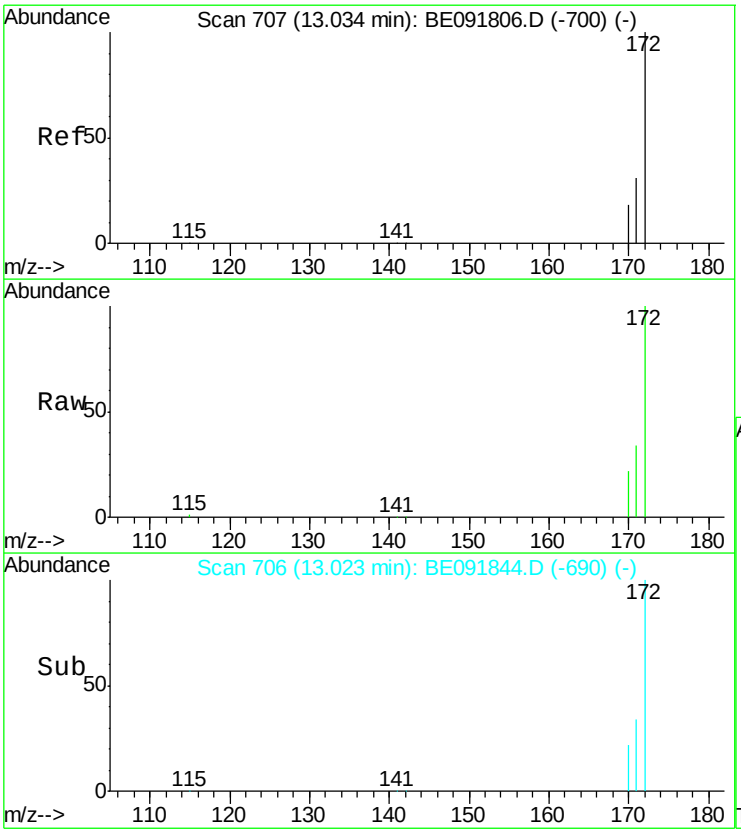
#14
2,4,6-Tribromophenol
Concen: 9.05 ng
RT: 15.89 min Scan# 938
Delta R.T. -0.01 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Instrument :
BNA_E
ClientSampleId :
PB90761BL

Tgt Ion:330 Resp: 23862

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.1	118.7
141	40.4	125.4	188.0#

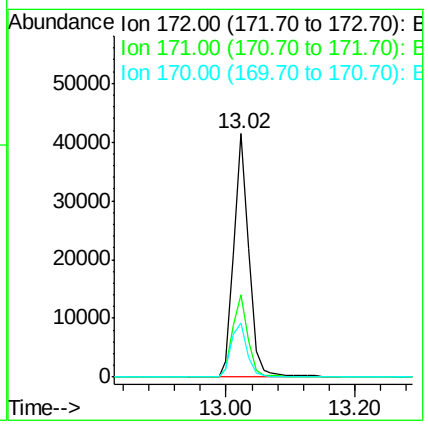


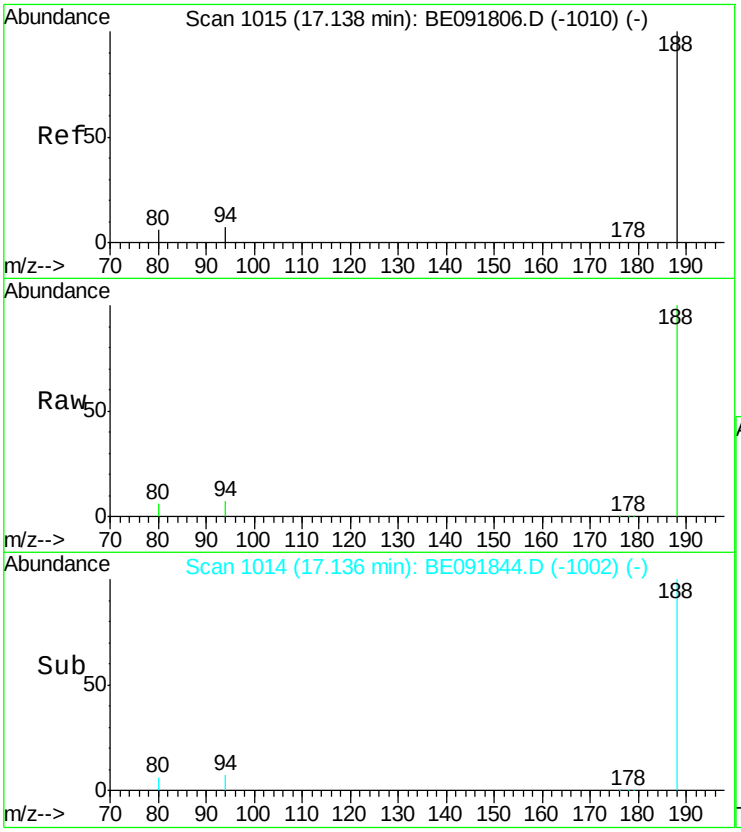


#15
2-Fluorobiphenyl
Concen: 3.42 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Tgt Ion:172 Resp: 65573

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.8	43.2
170	22.2	19.3	28.9



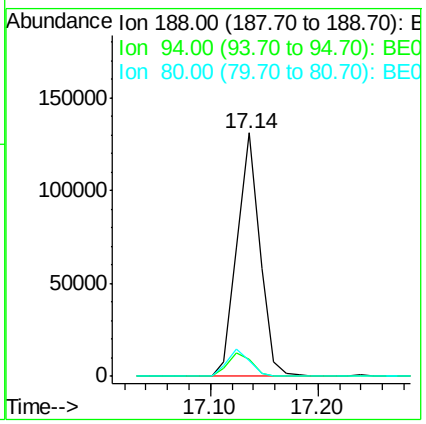


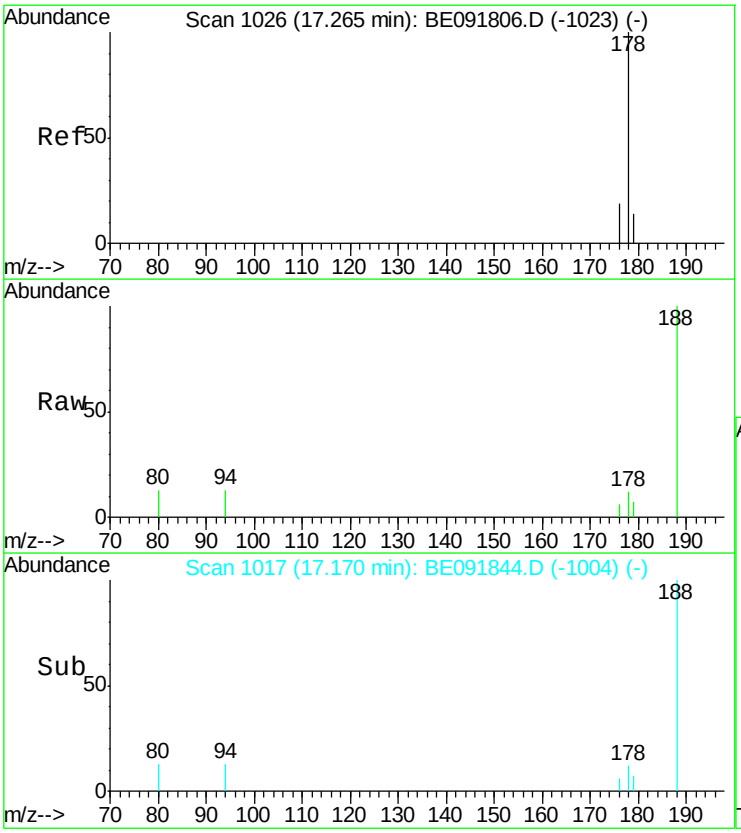
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Instrument :
BNA_E
ClientSampleId :
PB90761BL

Tgt Ion:188 Resp: 192617

Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.7	13.1#
80	6.3	9.4	14.0#

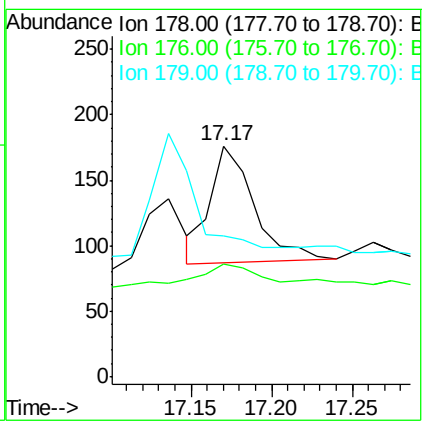


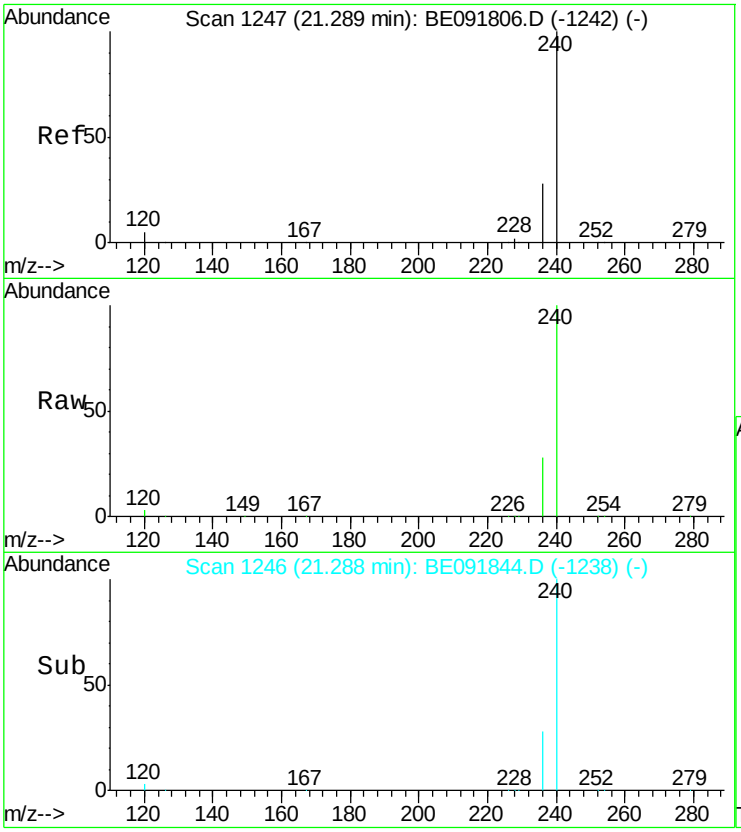


#23
Phenanthrene
Concen: Below Cal
RT: 17.17 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Tgt Ion:178 Resp: 168

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.3	22.9#
179	0.0	12.6	18.8#



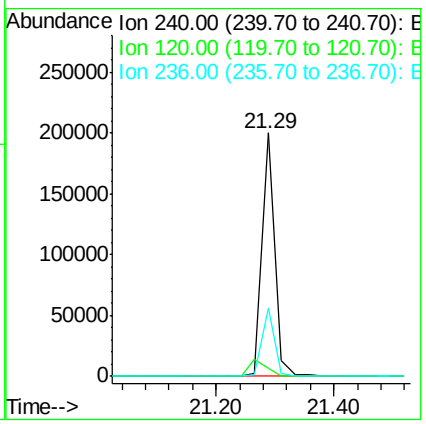


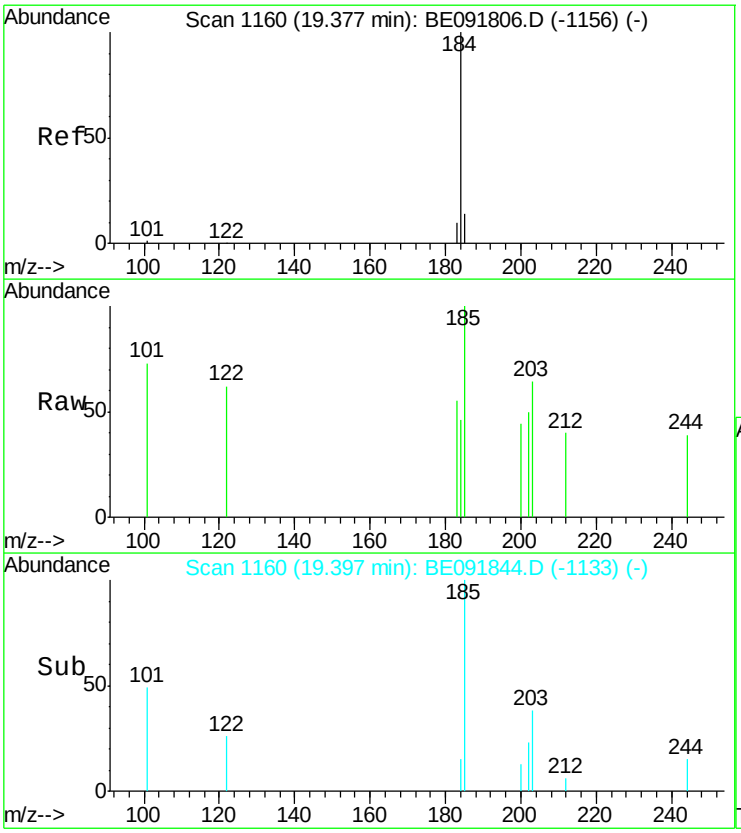
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Instrument :
BNA_E
ClientSampleId :
PB90761BL

Tgt Ion:240 Resp: 302301

Ion	Ratio	Lower	Upper
240	100		
120	3.5	11.0	16.4#
236	27.8	21.7	32.5

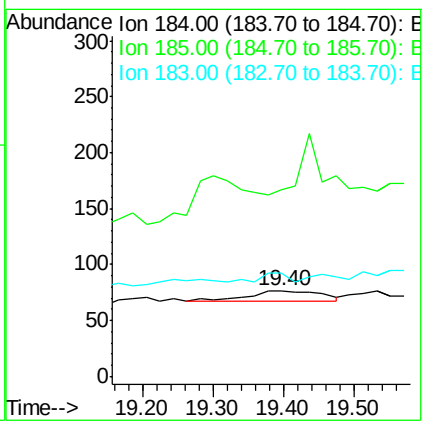


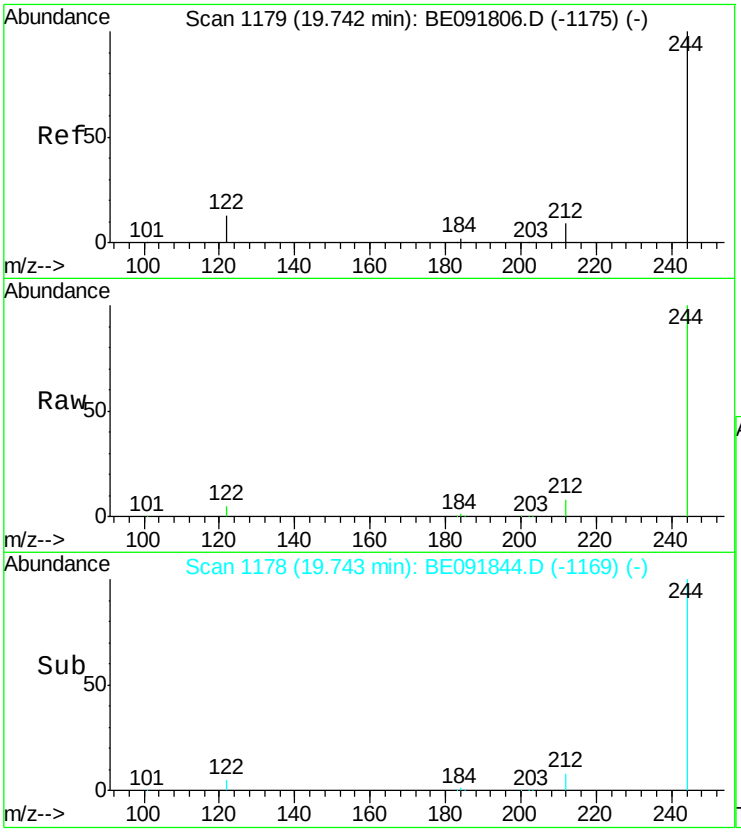


#27
Benzidine
Concen: Below Cal
RT: 19.40 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Tgt Ion:184 Resp: 71

Ion	Ratio	Lower	Upper
184	100		
185	216.9	22.3	33.5#
183	119.5	16.4	24.6#



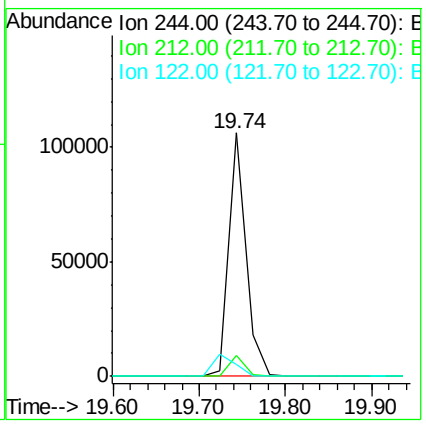


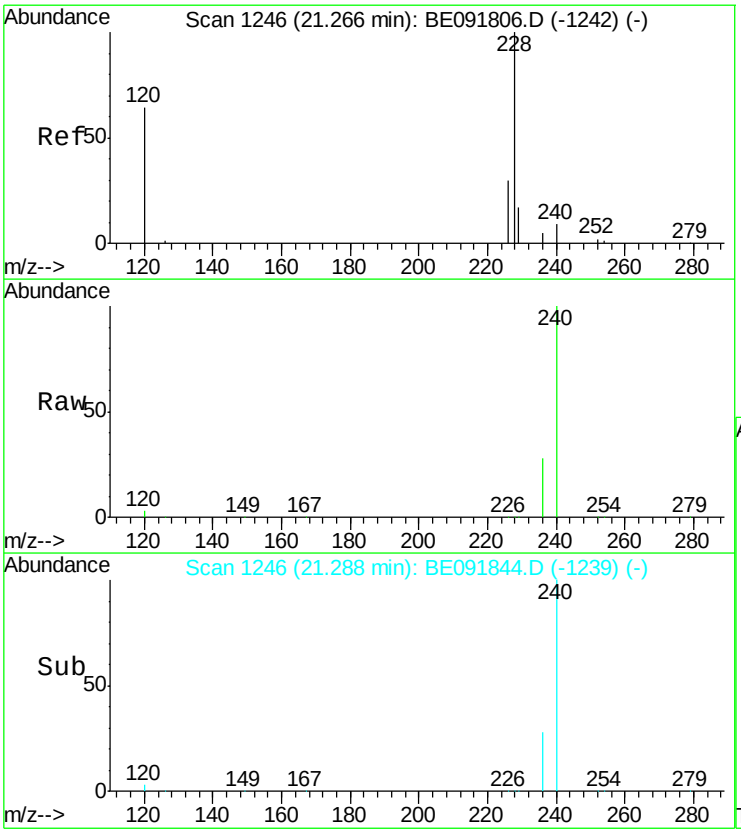
#29
Terphenyl-d14
Concen: 3.46 ng
RT: 19.74 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Instrument :
BNA_E
ClientSampleId :
PB90761BL

Tgt Ion:244 Resp: 148106

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	4.9	11.0	16.4#

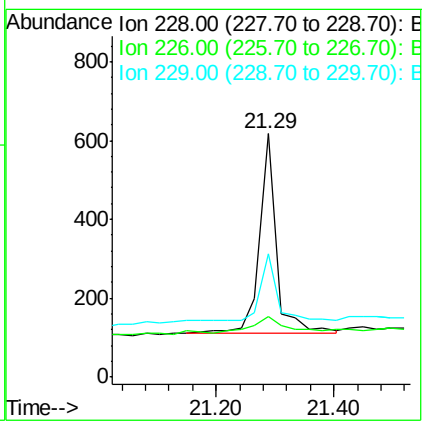


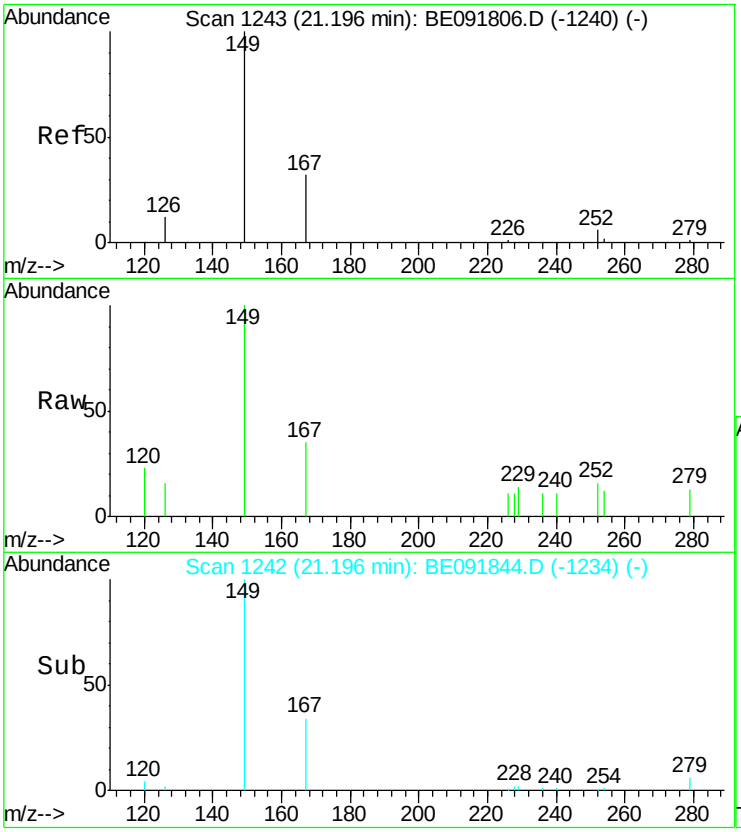


#32
Chrysene
Concen: 0.06 ng
RT: 21.29 min Scan# 1246
Delta R.T. -0.05 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Tgt Ion:228 Resp: 1008

Ion	Ratio	Lower	Upper
228	100		
226	24.9	24.0	36.0
229	50.3	15.9	23.9#



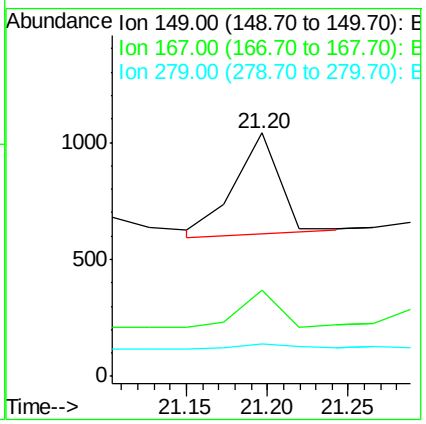


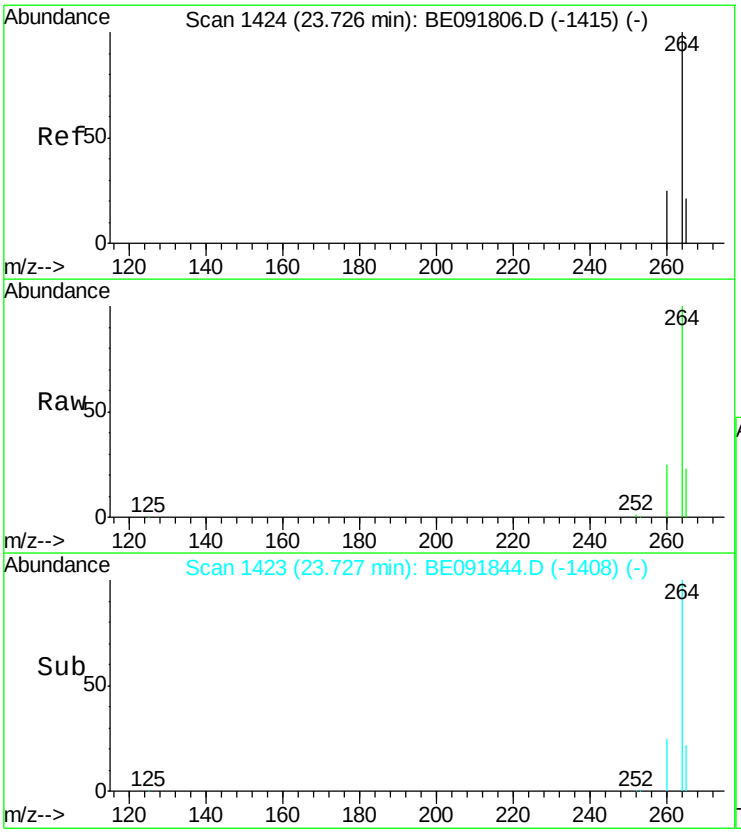
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.20 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Instrument :
BNA_E
ClientSampleId :
PB90761BL

Tgt Ion:149 Resp: 824

Ion	Ratio	Lower	Upper
149	100		
167	32.8	19.5	29.3#
279	21.4	10.0	15.0#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Tgt Ion:264 Resp: 272317

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	22.9	17.5	26.3