Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041816\
Data File : BE091675.D
Acq On : 18 Apr 2016 22:17
Operator : UM/SJ
Sample : H2563-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BCR08

Quant Time: Apr 19 05:12:18 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 18 17:20:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	37175	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	184321	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	111660	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	301002	5.00	ng	0.00
26) Chrysene-d12	21.31	240	353693	5.00	ng	0.00
35) Perylene-d12	23.75	264	315297	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1619	0.20	ng	0.00
5) Phenol-d6	6.97	99	4743	0.43	ng	0.00
8) Nitrobenzene-d5	8.96	82	31837	3.37	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	7716	2.51	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	100674	3.24	ng	0.00
29) Terphenyl-d14	19.76	244	220394	4.57	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.58	42	270	0.05	ng	# 1
22) Pentachlorophenol	16.81	266	53	0.19	ng	# 72
23) Phenanthrene	17.20	178	1486	0.02	ng	# 79
24) Anthracene	17.20	178	1486	0.02	ng	99
27) Benzidine	19.30	184	196	Below Cal		# 1
30) Benzo(a)anthracene	21.29	228	3638	0.04	ng	# 88
31) 3,3'-Dichlorobenzidine	21.17	252	117	0.15	ng	# 1
32) Chrysene	21.29	228	3649	0.04	ng	# 92
33) Bis(2-ethylhexyl)phthalate	21.22	149	26309	1.47	ng	# 85
36) Benzo(b)fluoranthene	23.00	252	1523	0.02	ng	# 23

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041816\
Data File : BE091675.D
Acq On : 18 Apr 2016 22:17
Operator : UM/SJ
Sample : H2563-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
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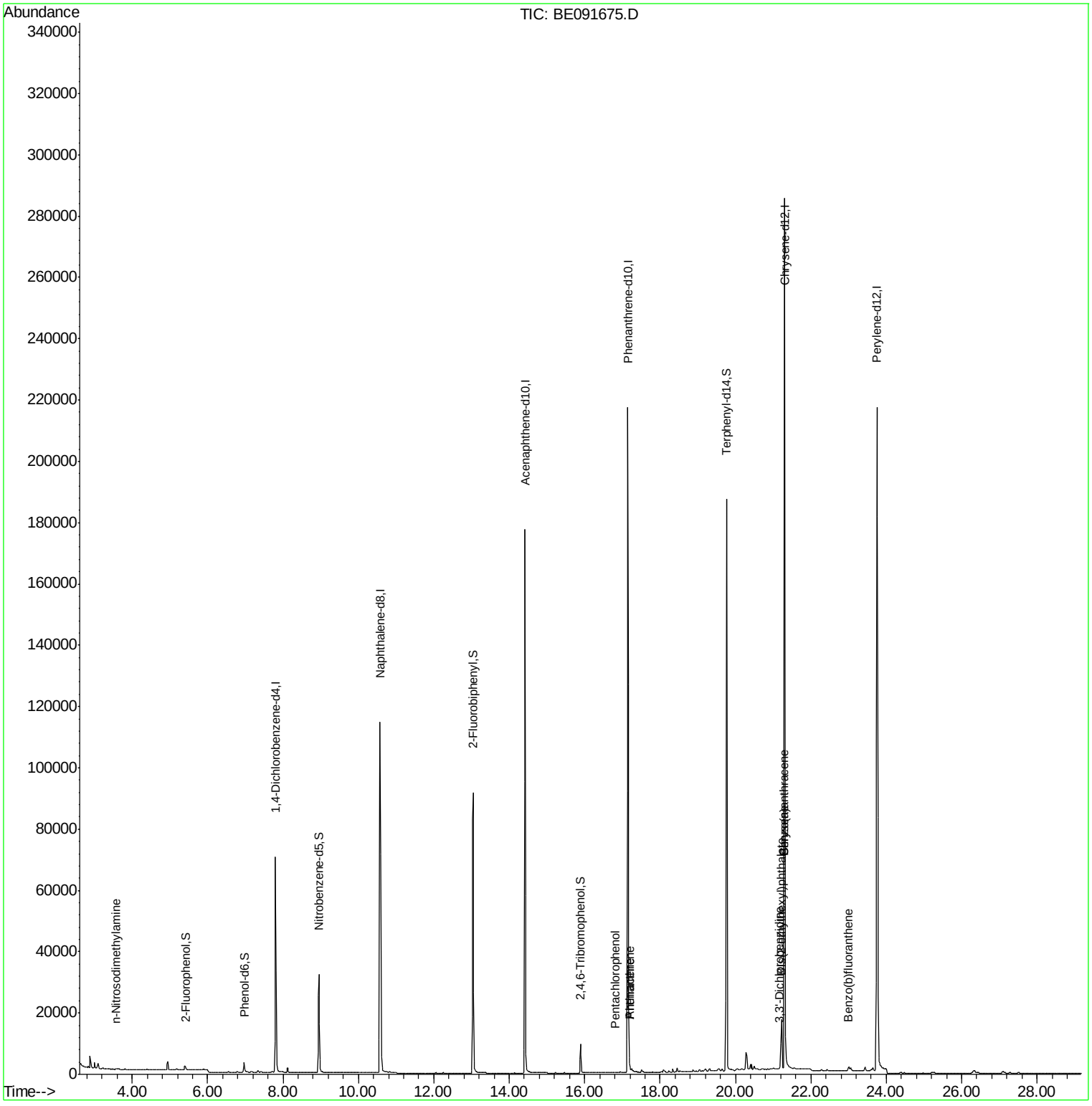
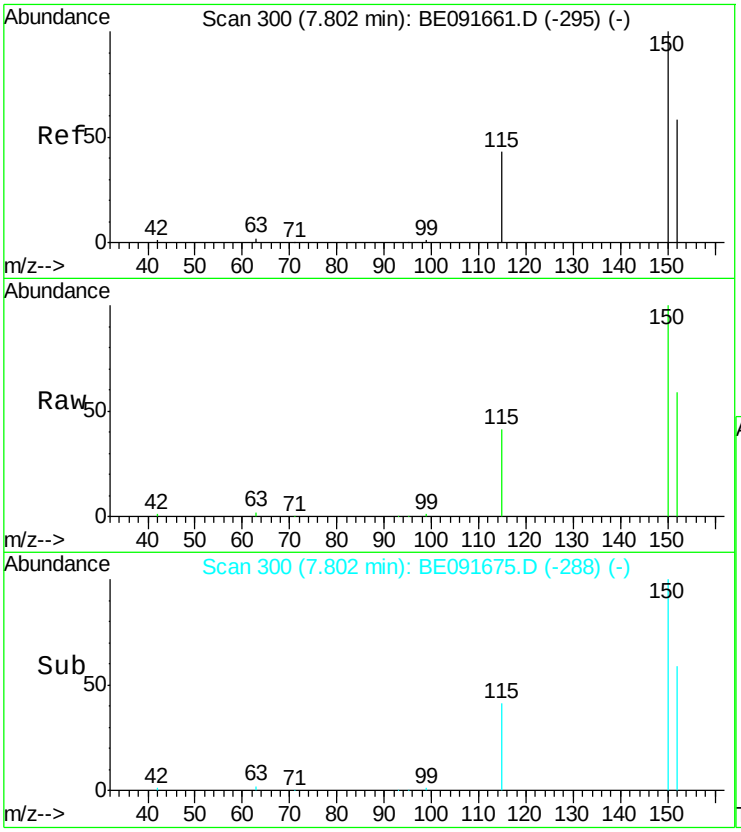
BCR08

Quant Time: Apr 19 05:12:18 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 18 17:20:40 2016
Response via : Initial Calibration



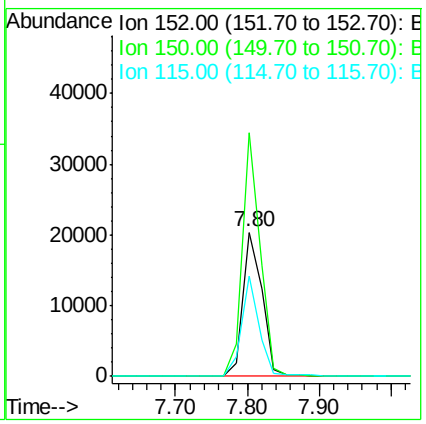


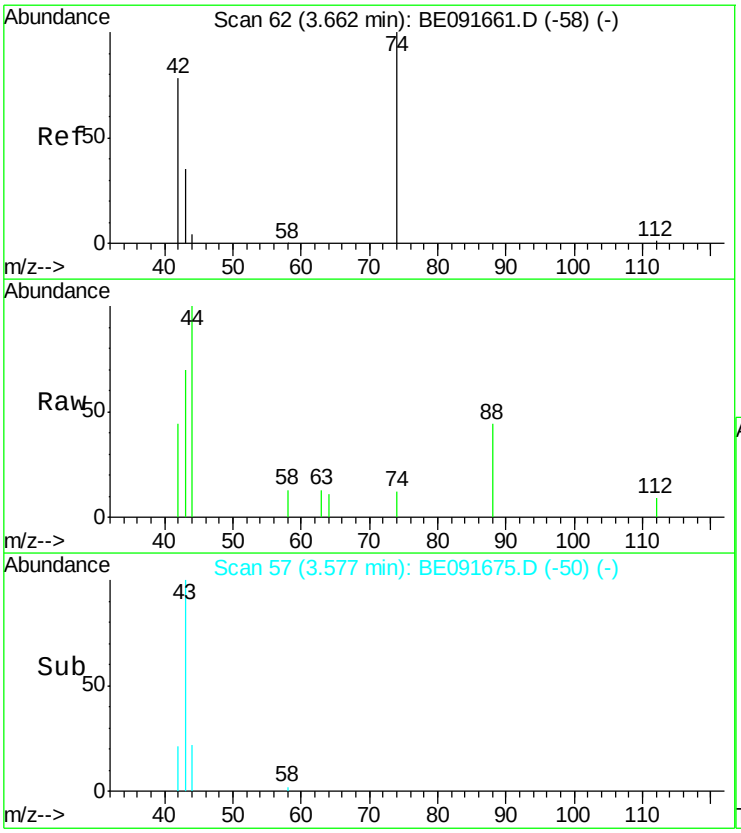
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tgt Ion:152 Resp: 37175

Ion	Ratio	Lower	Upper
152	100		
150	169.2	122.6	183.8
115	69.8	52.8	79.2

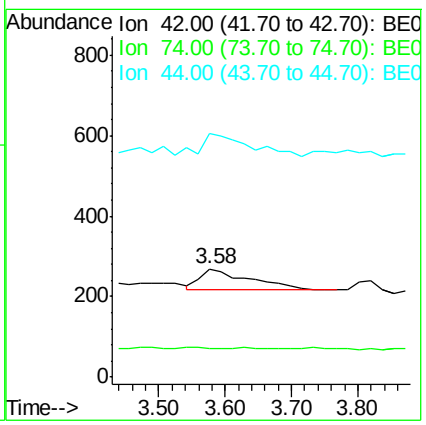


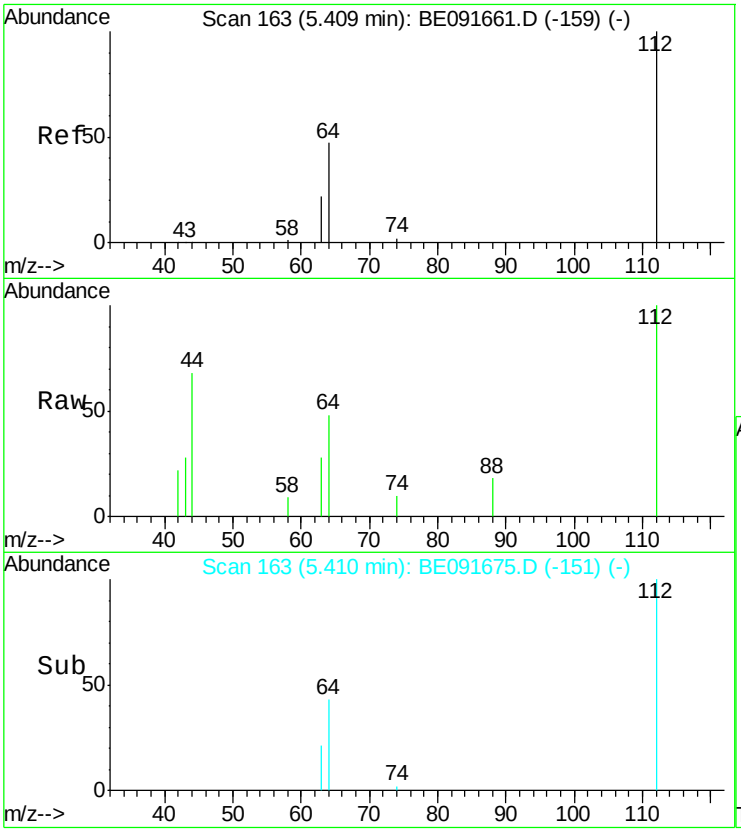


#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.58 min Scan# 57
Delta R.T. -0.09 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion: 42 Resp: 270

Ion	Ratio	Lower	Upper
42	100		
74	0.0	87.9	131.9#
44	104.1	6.6	9.8#



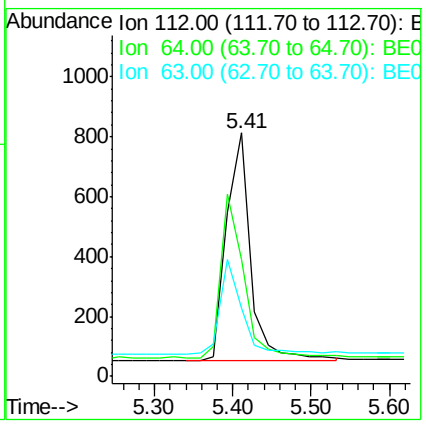


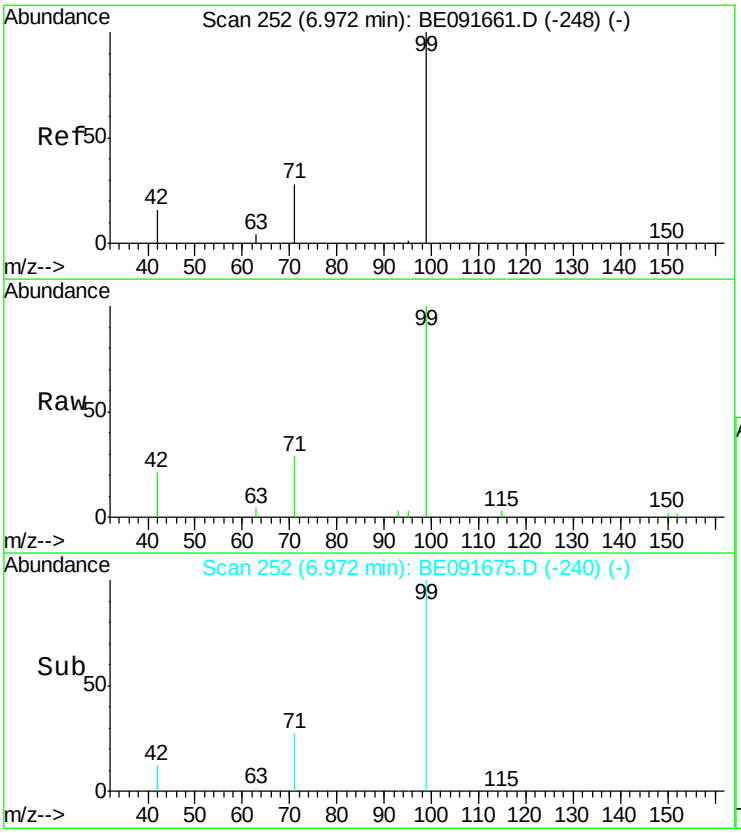
#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.41 min Scan# 163
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tgt Ion:112 Resp: 1619

Ion	Ratio	Lower	Upper
112	100		
64	68.4	30.9	46.3#
63	37.6	16.7	25.1#

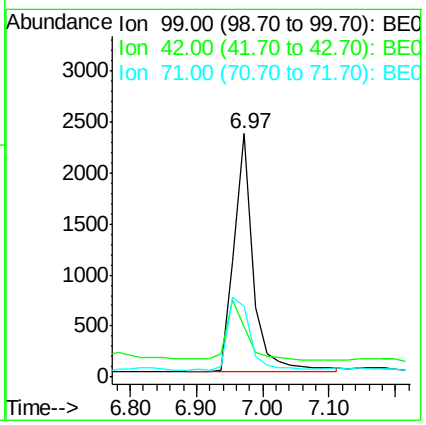


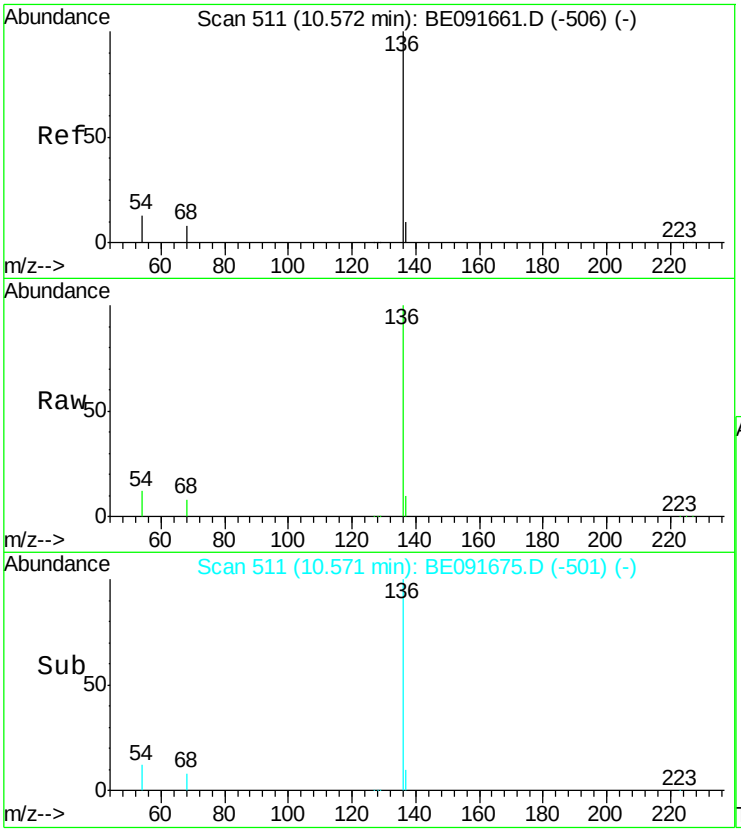


#5
Phenol-d6
Concen: 0.43 ng
RT: 6.97 min Scan# 252
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion: 99 Resp: 4743

Ion	Ratio	Lower	Upper
99	100		
42	25.6	16.2	24.2#
71	36.2	29.0	43.4



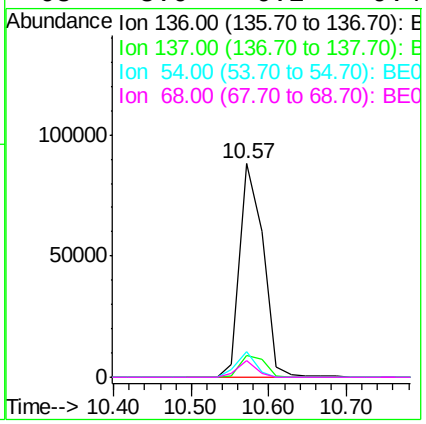


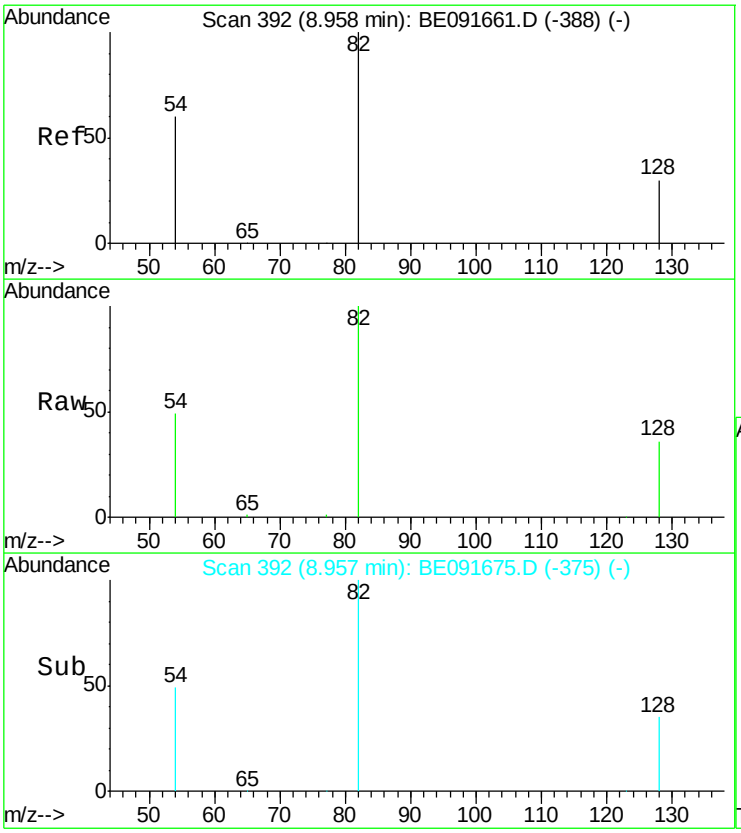
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tgt Ion:136 Resp: 184321

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	11.9	8.2	12.4
68	8.0	6.2	9.4

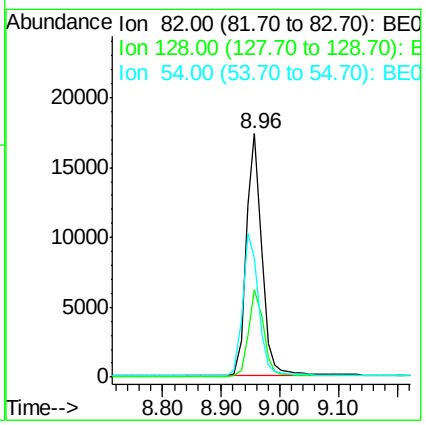


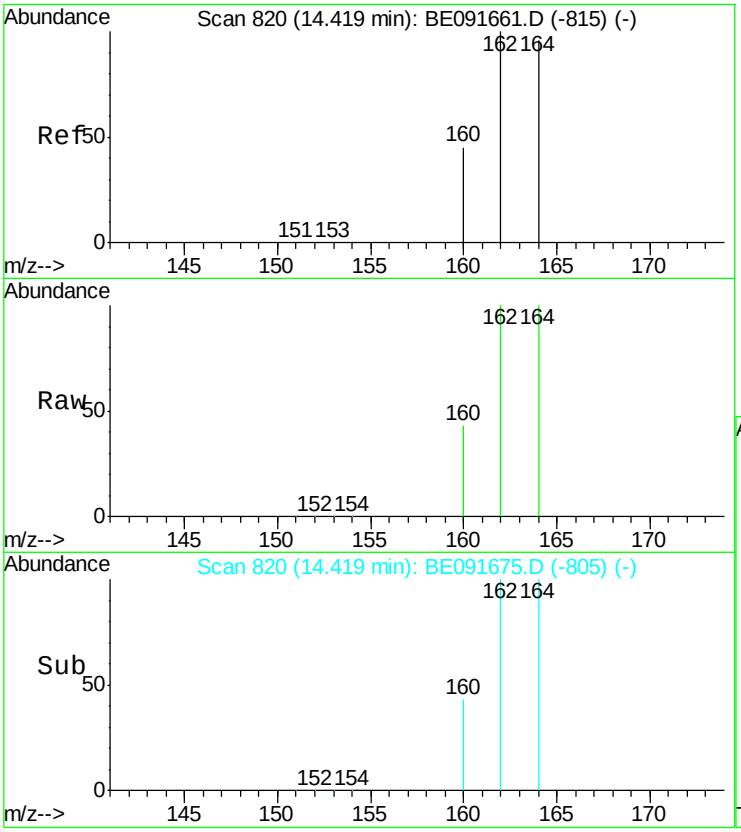


#8
Nitrobenzene-d5
Concen: 3.37 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion: 82 Resp: 31837

Ion	Ratio	Lower	Upper
82	100		
128	35.7	25.4	38.0
54	49.1	48.4	72.6



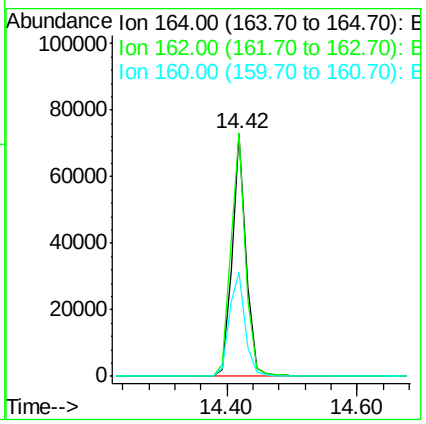


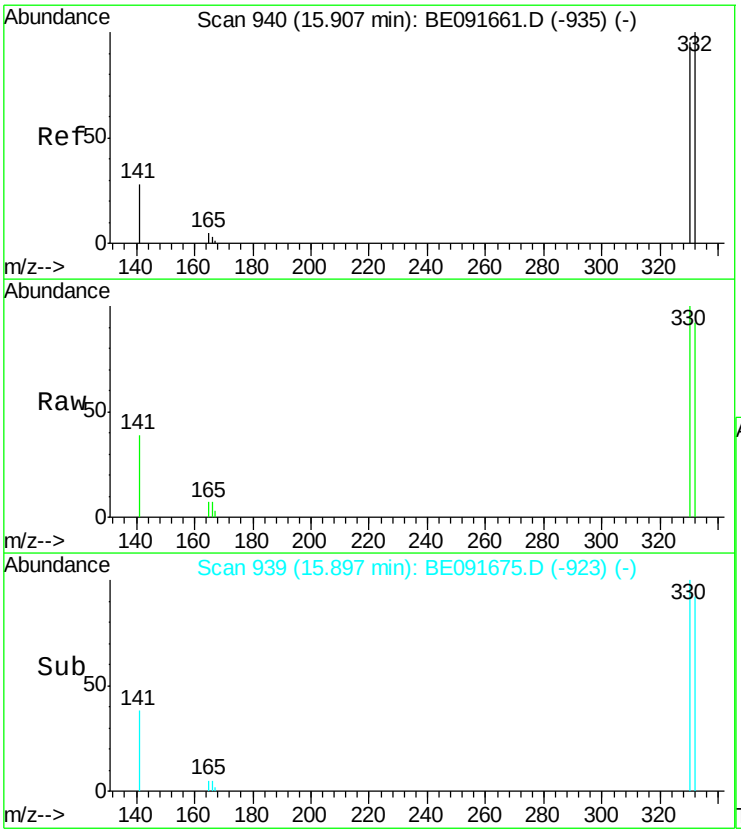
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tgt Ion:164 Resp: 111660

Ion	Ratio	Lower	Upper
164	100		
162	100.4	85.3	127.9
160	42.8	46.2	69.2#

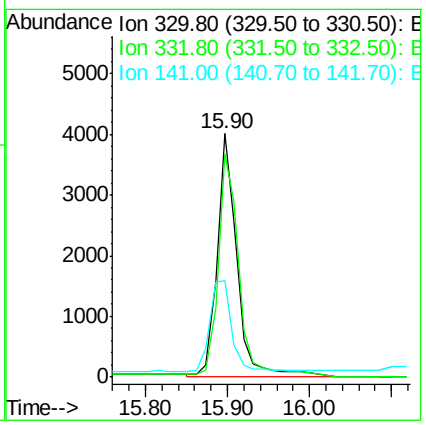


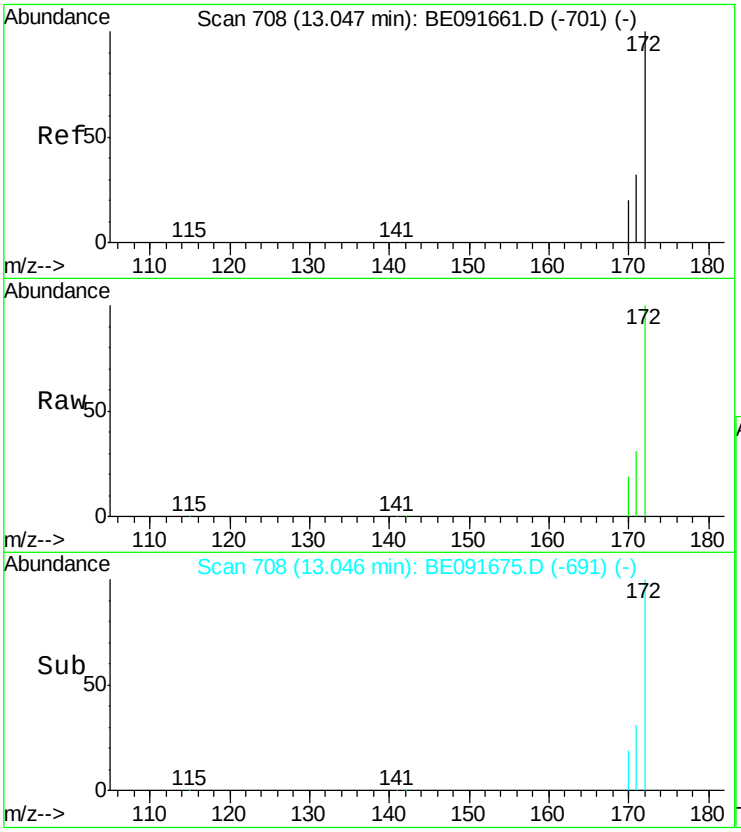


#14
2,4,6-Tribromophenol
Concen: 2.51 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion:330 Resp: 7716

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.1	118.7
141	42.1	125.4	188.0#



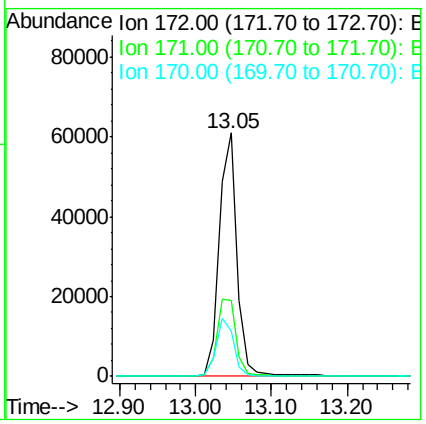


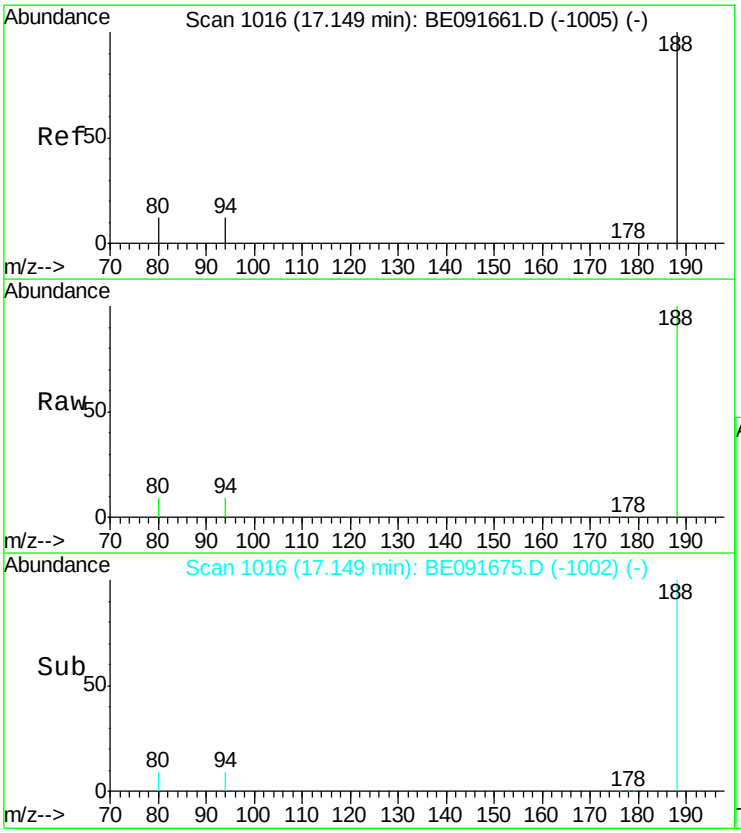
#15
2-Fluorobiphenyl
Concen: 3.24 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tgt Ion:172 Resp: 100674

Ion	Ratio	Lower	Upper
172	100		
171	31.3	28.8	43.2
170	18.7	19.3	28.9#

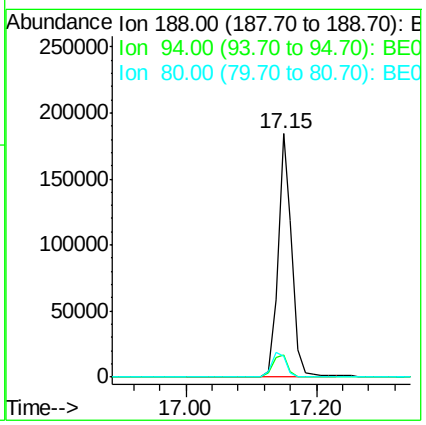


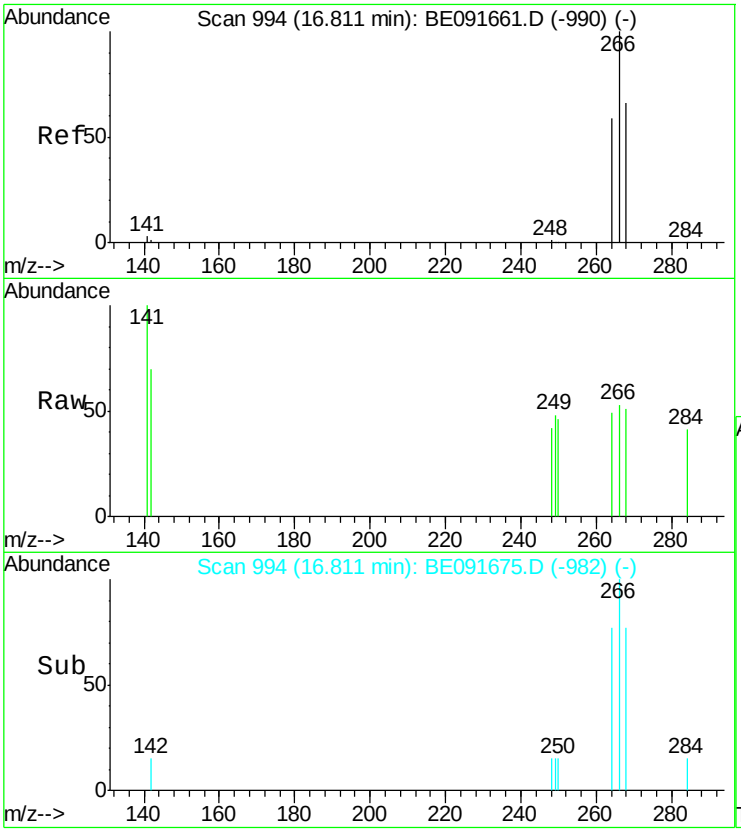


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion:188 Resp: 301002

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.7	13.1
80	8.7	9.4	14.0#



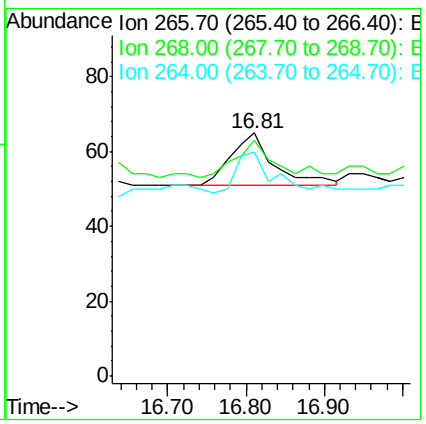


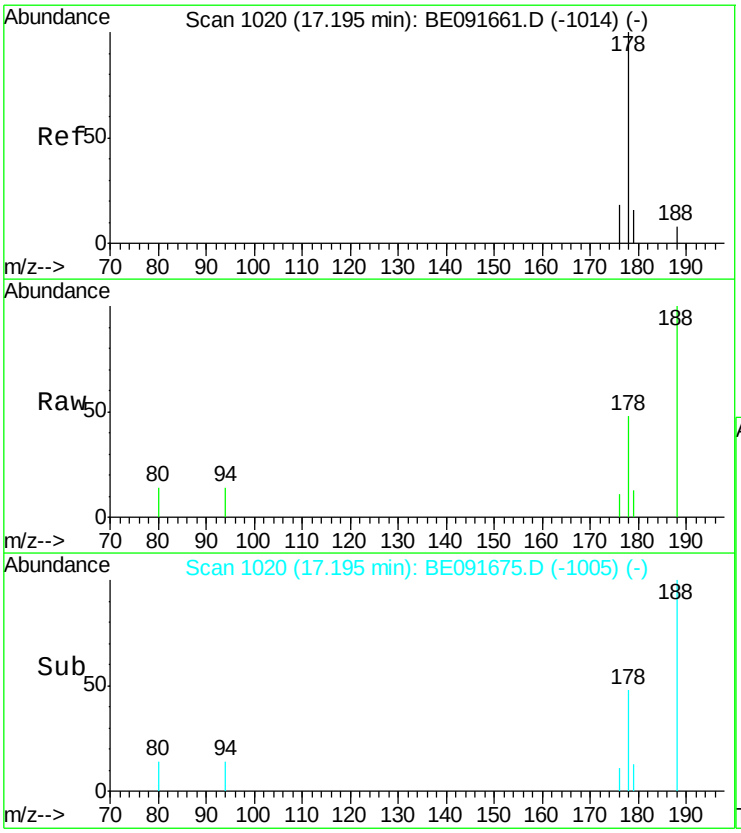
#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tgt Ion:266 Resp: 53

Ion	Ratio	Lower	Upper
266	100		
268	96.9	58.2	87.2#
264	92.3	56.2	84.4#

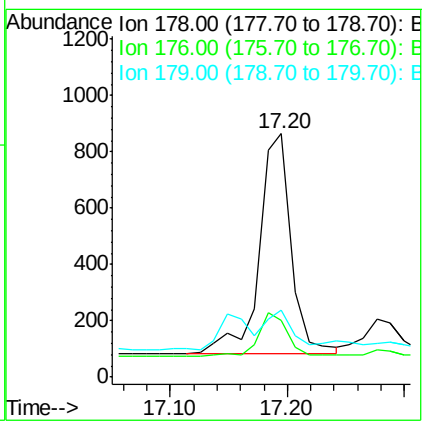


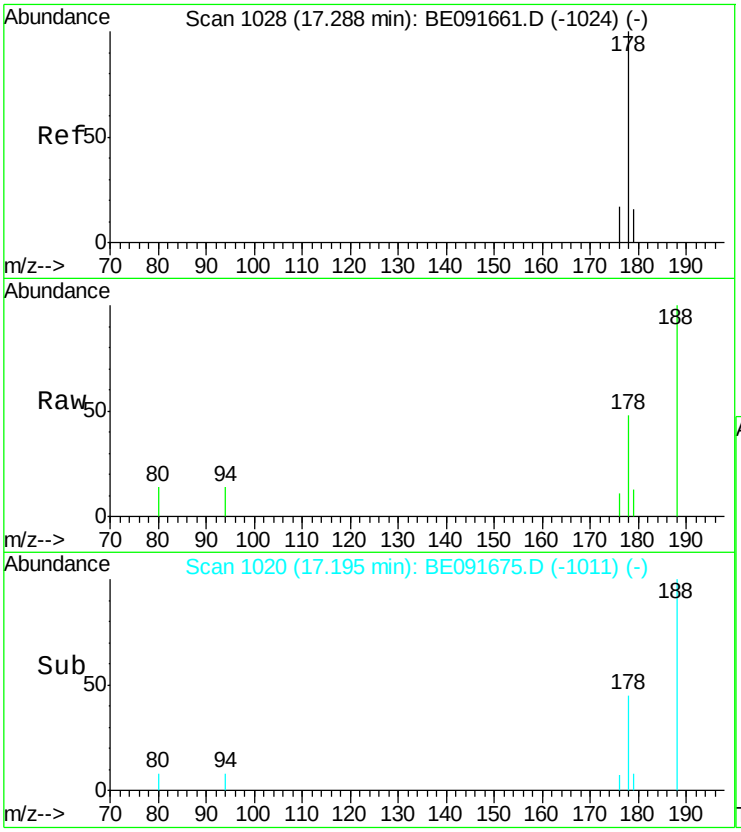


#23
Phenanthrene
Concen: 0.02 ng
RT: 17.20 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion:178 Resp: 1486

Ion	Ratio	Lower	Upper
178	100		
176	15.9	15.3	22.9
179	0.0	12.6	18.8#



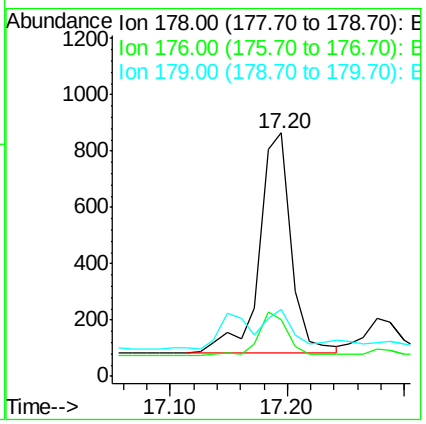


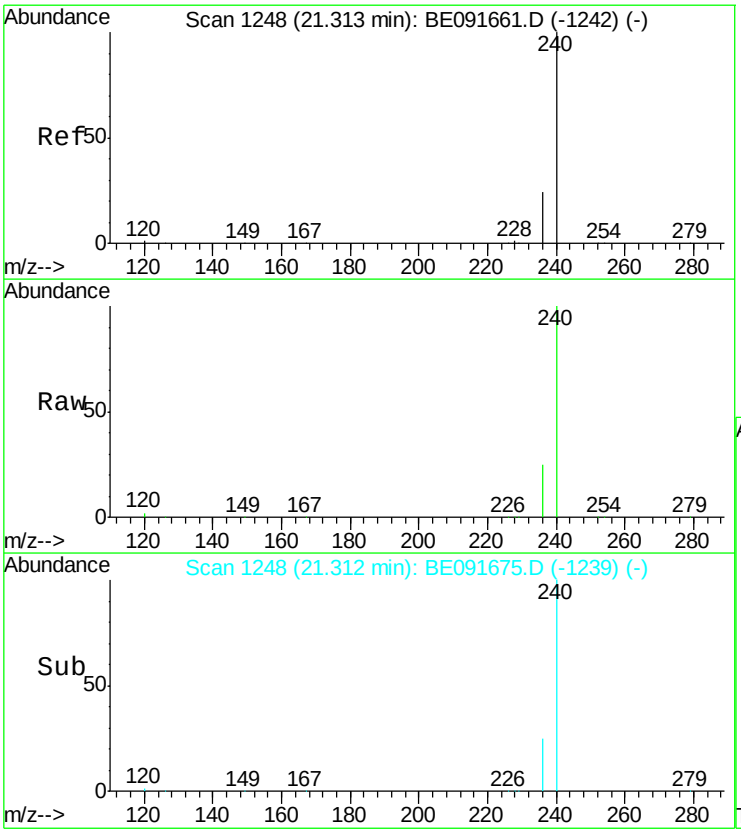
#24
Anthracene
Concen: 0.02 ng
RT: 17.20 min Scan# 1020
Delta R.T. -0.09 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tgt Ion:178 Resp: 1486

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	14.3	11.8	17.6

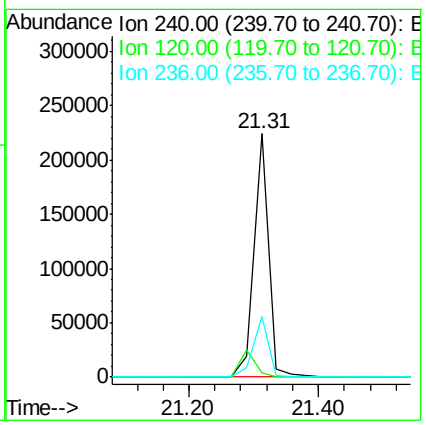


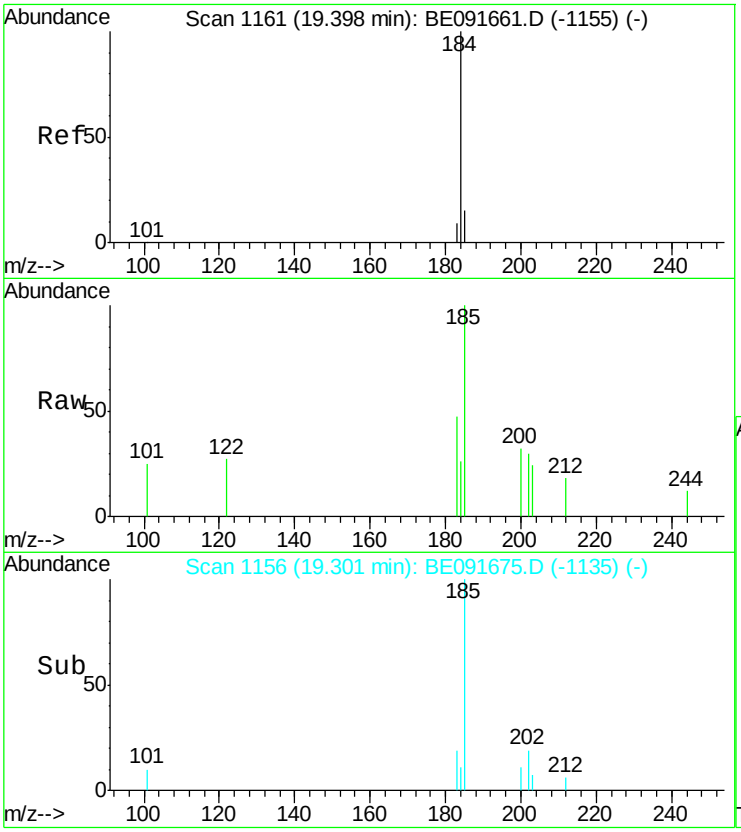


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion:240 Resp: 353693

Ion	Ratio	Lower	Upper
240	100		
120	1.6	11.0	16.4#
236	24.9	21.7	32.5



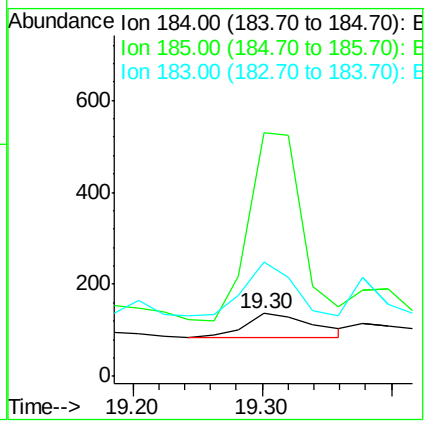


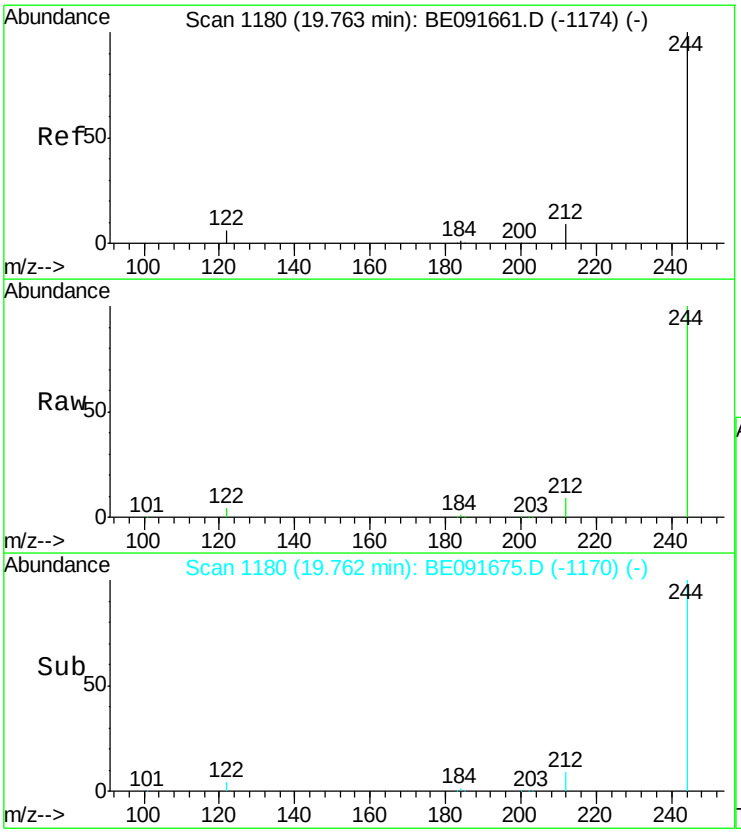
#27
Benzidine
Concen: Below Cal
RT: 19.30 min Scan# 1156
Delta R.T. -0.10 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tgt Ion:184 Resp: 196

Ion	Ratio	Lower	Upper
184	100		
185	389.0	22.3	33.5#
183	183.1	16.4	24.6#

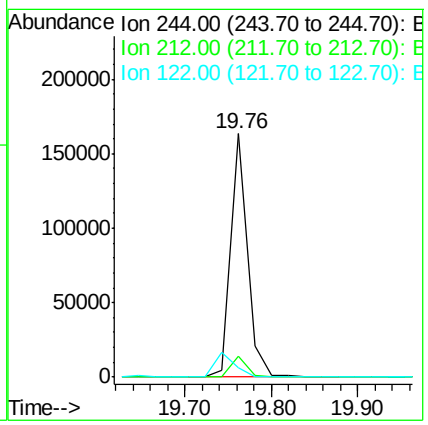


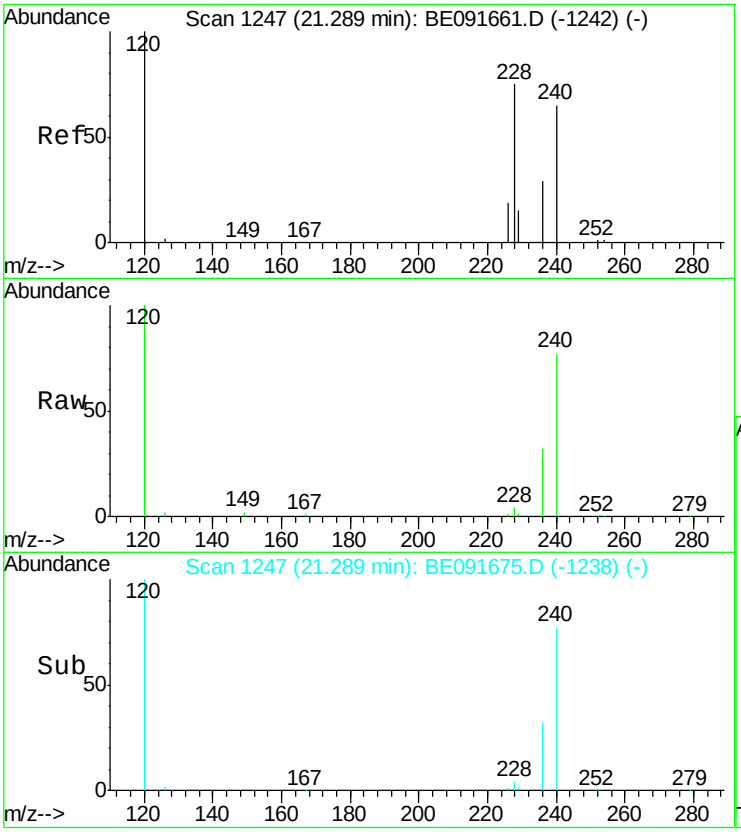


#29
Terphenyl-d14
Concen: 4.57 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion:244 Resp: 220394

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	3.6	11.0	16.4#



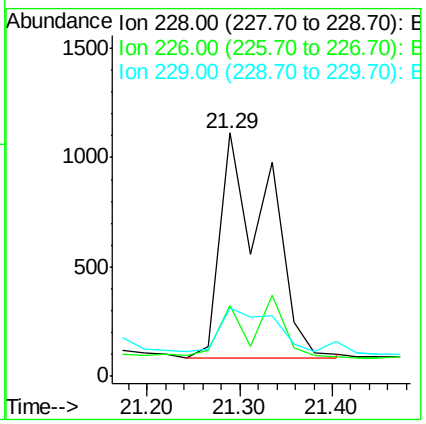


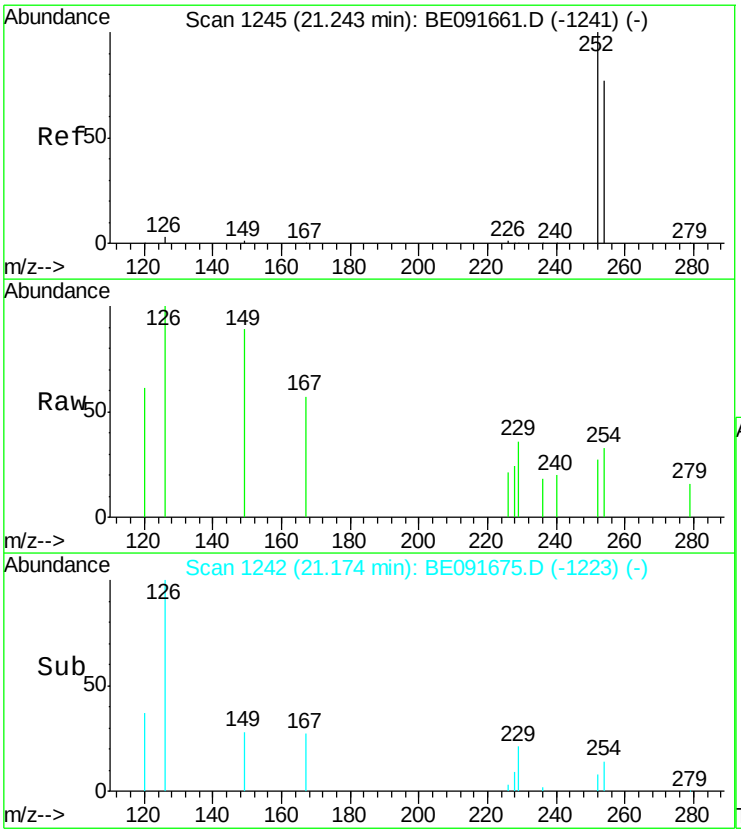
#30
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tgt Ion:228 Resp: 3638

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.0	31.4
229	28.2	15.7	23.5#

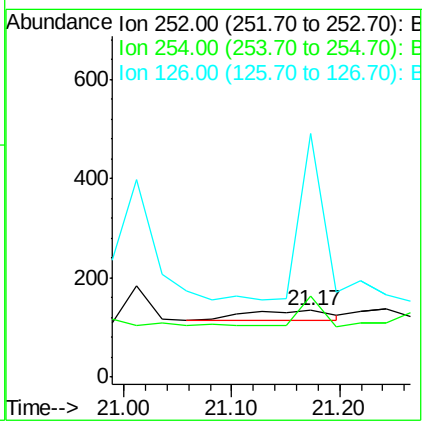


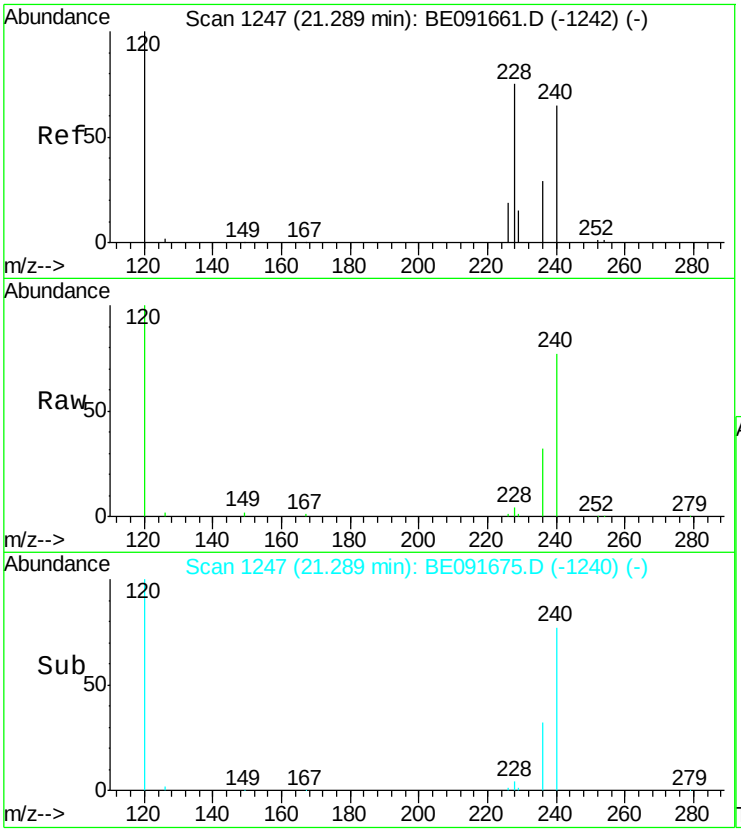


#31
3,3'-Dichlorobenzidine
Concen: 0.15 ng
RT: 21.17 min Scan# 1242
Delta R.T. -0.07 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion:252 Resp: 117

Ion	Ratio	Lower	Upper
252	100		
254	122.4	51.1	76.7#
126	366.4	12.6	18.8#



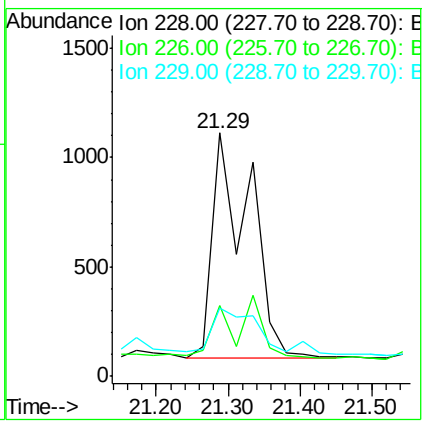


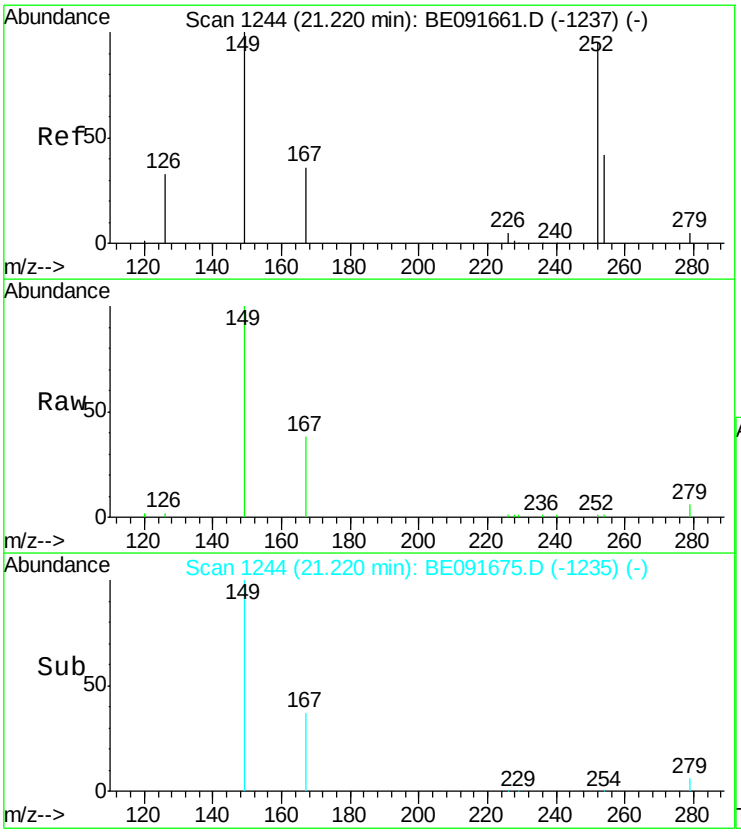
#32
Chrysene
Concen: 0.04 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tgt Ion:228 Resp: 3649

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	28.2	15.9	23.9#

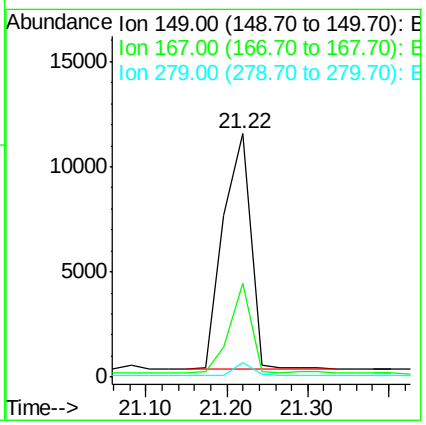


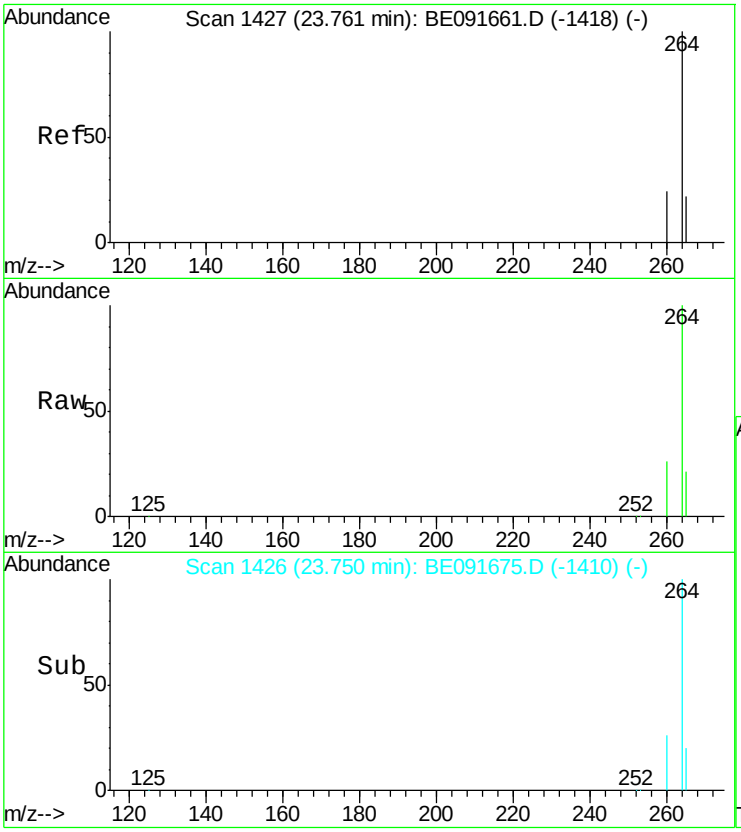


#33
Bis(2-ethylhexyl)phthalate
Concen: 1.47 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion:149 Resp: 26309

Ion	Ratio	Lower	Upper
149	100		
167	30.0	19.5	29.3#
279	4.0	10.0	15.0#



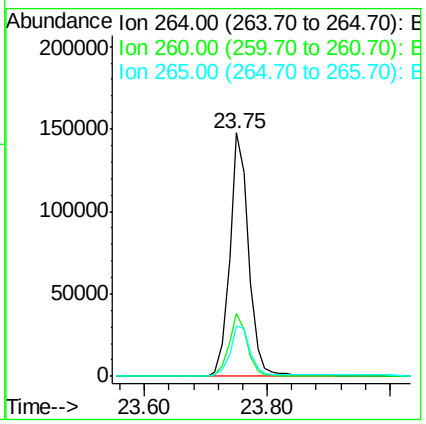


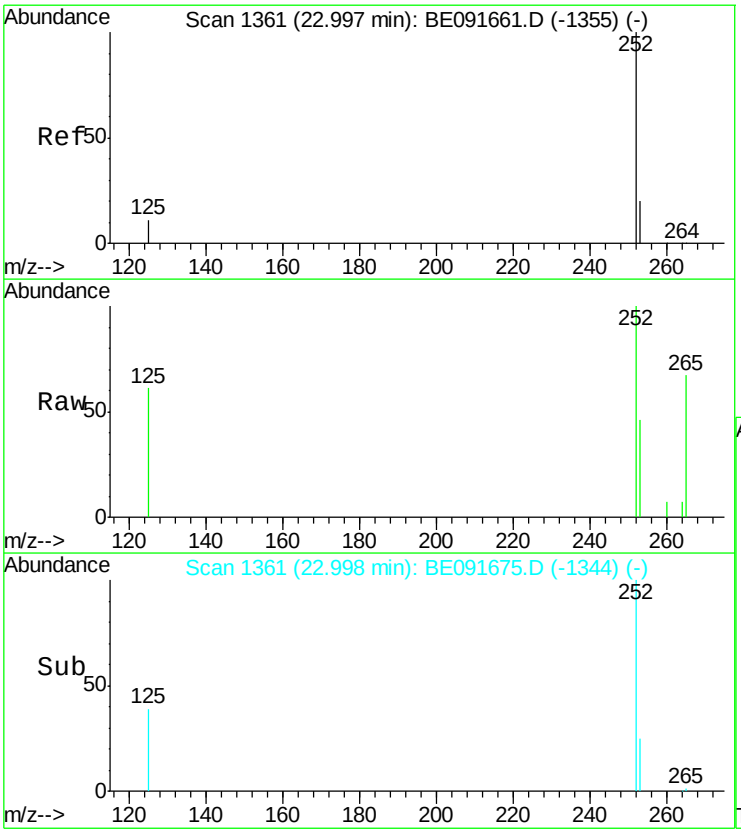
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tgt Ion:264 Resp: 315297

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.0	30.0
265	20.6	17.5	26.3





#36
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion:252 Resp: 1523

Ion	Ratio	Lower	Upper
252	100		
253	45.8	17.4	26.0#
125	60.7	10.2	15.2#