Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041816\
Data File : BE091673.D
Acq On : 18 Apr 2016 20:59
Operator : UM/SJ
Sample : H2563-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BCR06

Quant Time: Apr 19 05:11:43 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	37782	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	187812	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	113439	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	275659	5.00	ng		0.00
26) Chrysene-d12	21.31	240	336315	5.00	ng		0.00
35) Perylene-d12	23.75	264	304598	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	18503	2.25	ng		0.00
5) Phenol-d6	6.97	99	15561	1.40	ng		0.00
8) Nitrobenzene-d5	8.96	82	31698	3.29	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	25729	7.84	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	102465	3.24	ng		0.00
29) Terphenyl-d14	19.76	244	211119	4.61	ng		0.00
Target Compounds							Qvalue
10) Naphthalene	10.63	128	1000	0.03	ng	#	79
22) Pentachlorophenol	16.79	266	210	0.24	ng		85
23) Phenanthrene	17.20	178	1626	0.03	ng	#	82
24) Anthracene	17.20	178	1626	0.03	ng		98
30) Benzo(a)anthracene	21.29	228	2585	0.03	ng	#	85
31) 3,3'-Dichlorobenzidine	21.15	252	177	0.15	ng	#	63
32) Chrysene	21.29	228	2543	0.03	ng	#	91
33) Bis(2-ethylhexyl)phthalate	21.22	149	3395	0.37	ng	#	92

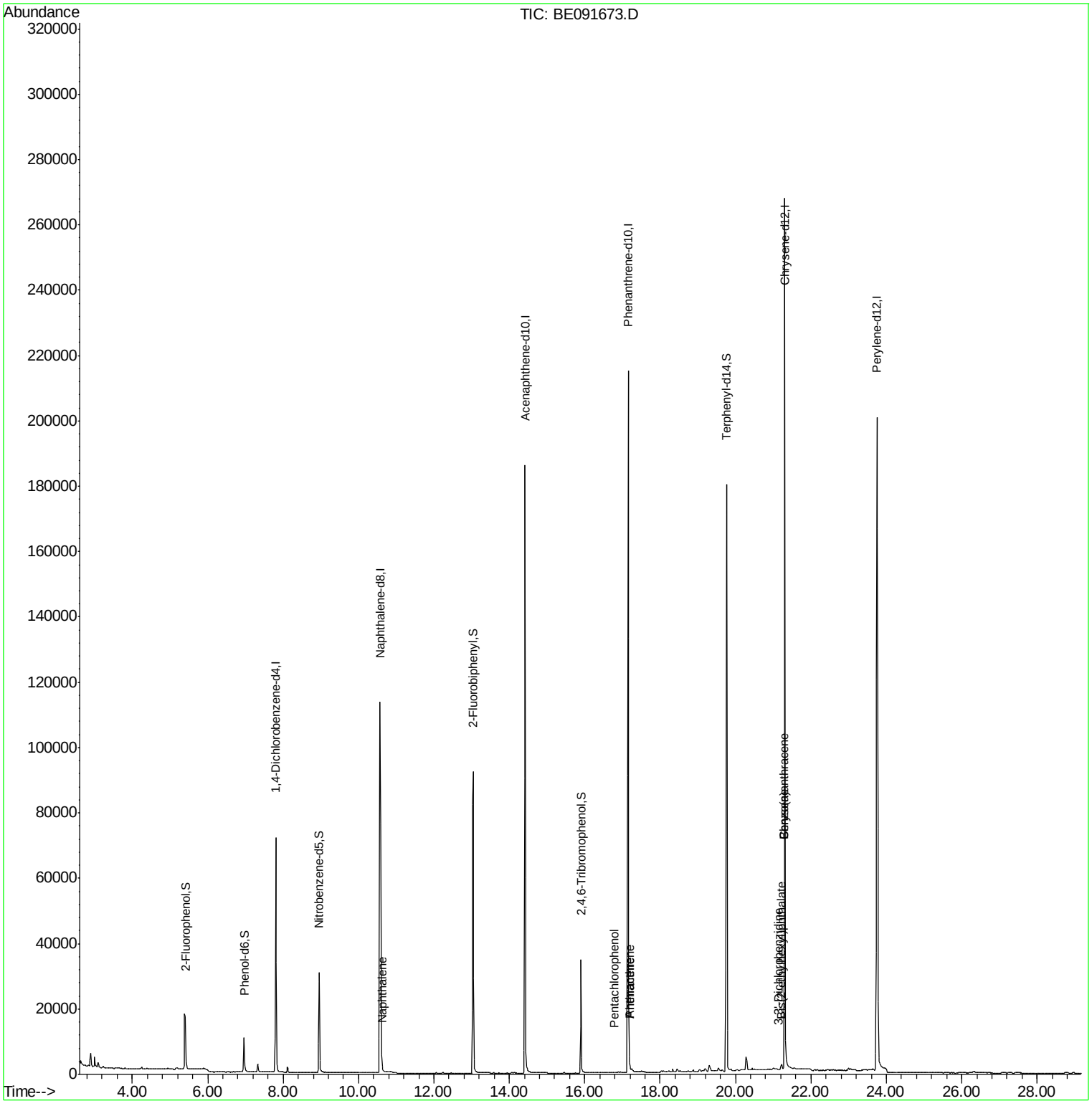
(#) = qualifier out of range (m) = manual integration (+) = signals summed

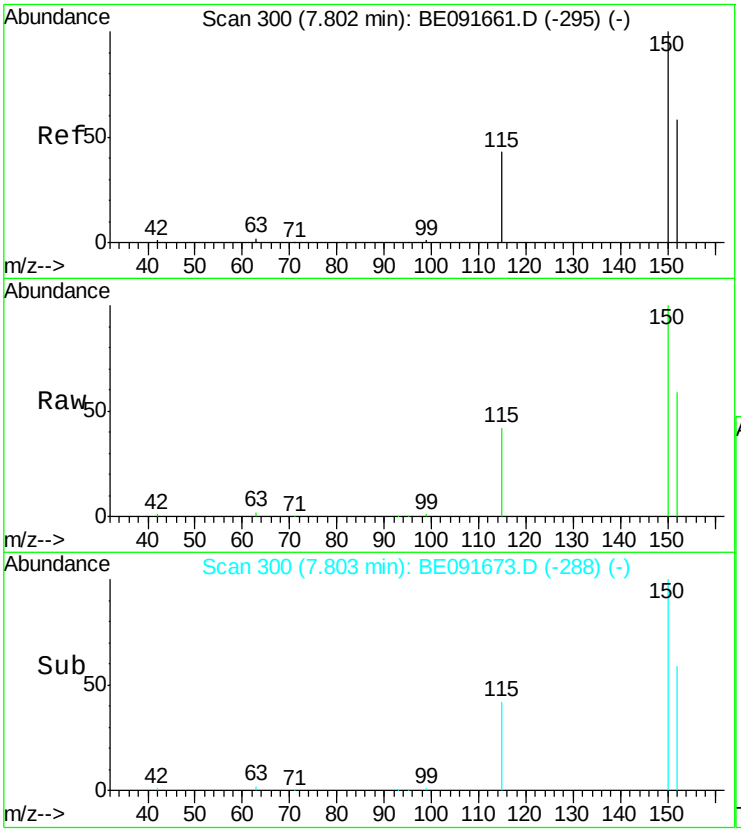
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041816\
Data File : BE091673.D
Acq On : 18 Apr 2016 20:59
Operator : UM/SJ
Sample : H2563-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BCR06

Quant Time: Apr 19 05:11:43 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



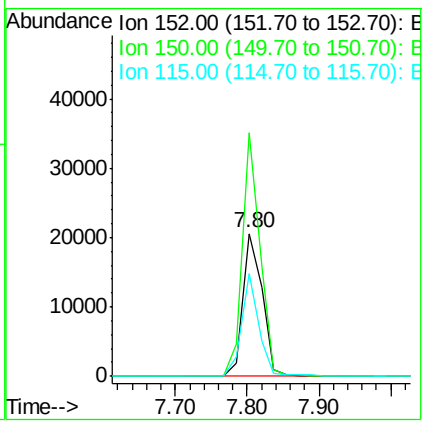


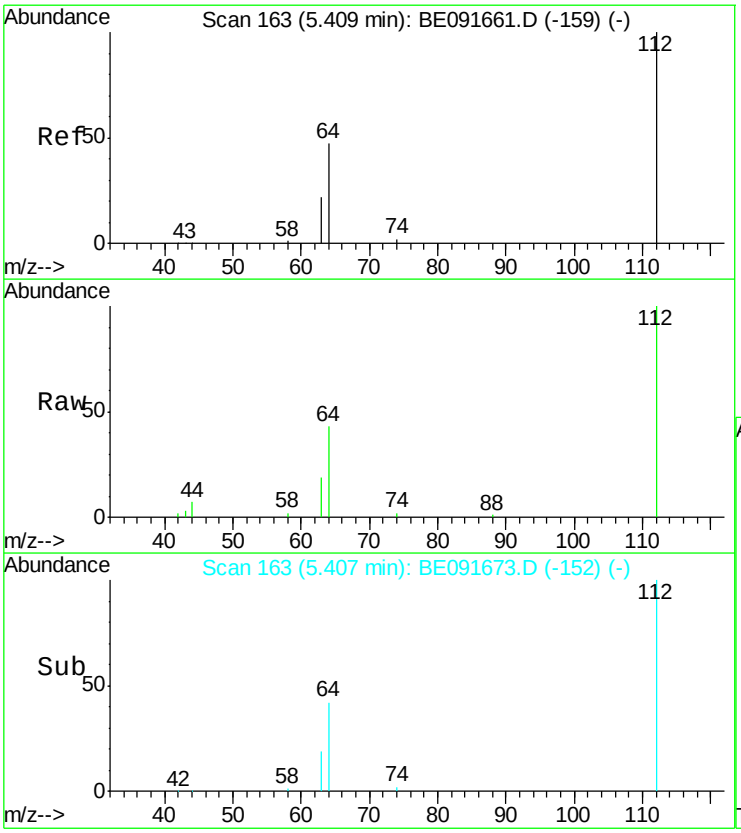
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Instrument :
BNA_E
ClientSampleId :
BCR06

Tgt Ion:152 Resp: 37782

Ion	Ratio	Lower	Upper
152	100		
150	170.6	122.6	183.8
115	72.4	52.8	79.2

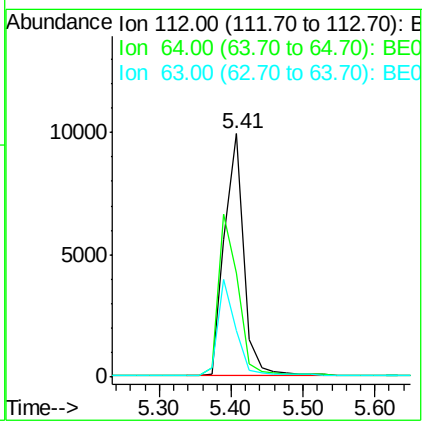


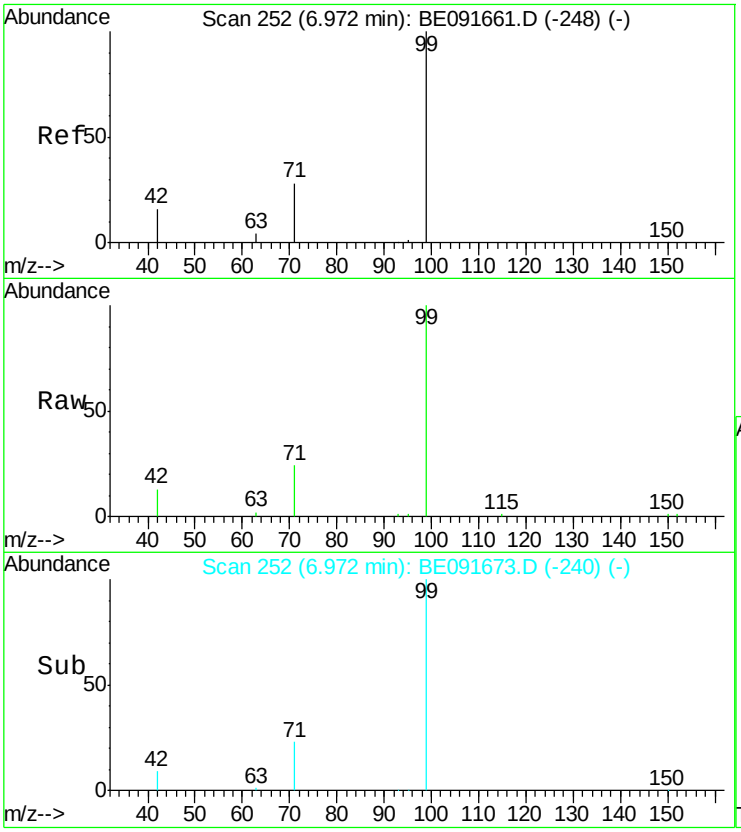


#4
2-Fluorophenol
Concen: 2.25 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Tgt Ion:112 Resp: 18503

Ion	Ratio	Lower	Upper
112	100		
64	67.8	30.9	46.3#
63	36.9	16.7	25.1#



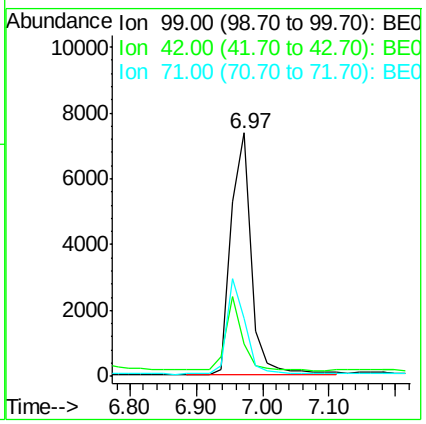


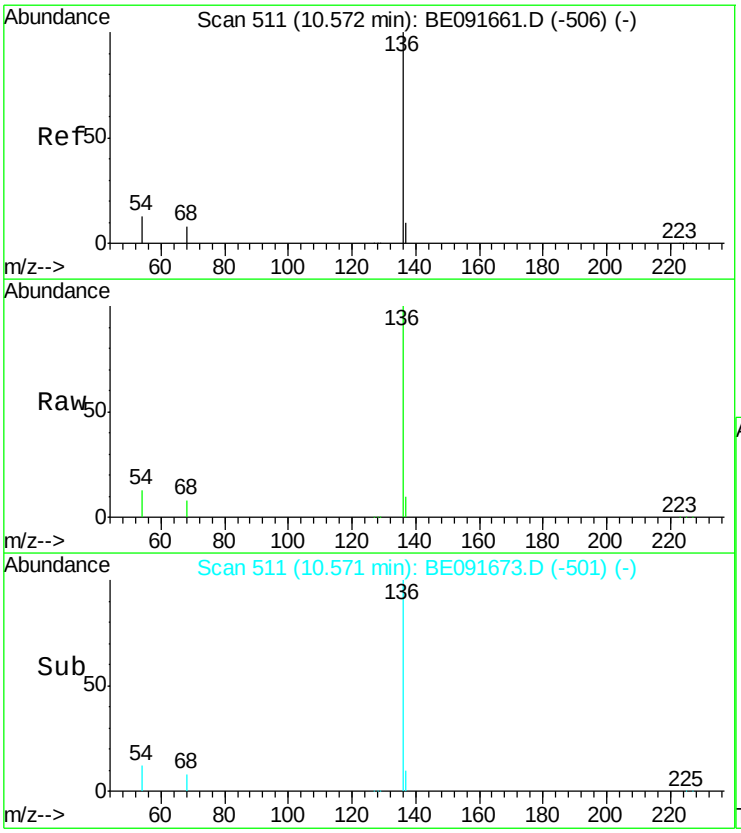
#5
Phenol-d6
Concen: 1.40 ng
RT: 6.97 min Scan# 252
Delta R.T. 0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Instrument :
BNA_E
ClientSampleId :
BCR06

Tgt Ion: 99 Resp: 15561

Ion	Ratio	Lower	Upper
99	100		
42	24.5	16.2	24.2#
71	36.2	29.0	43.4

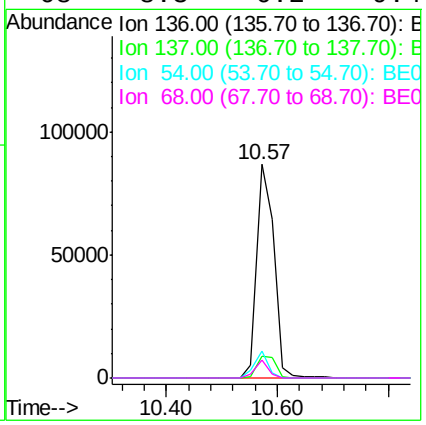


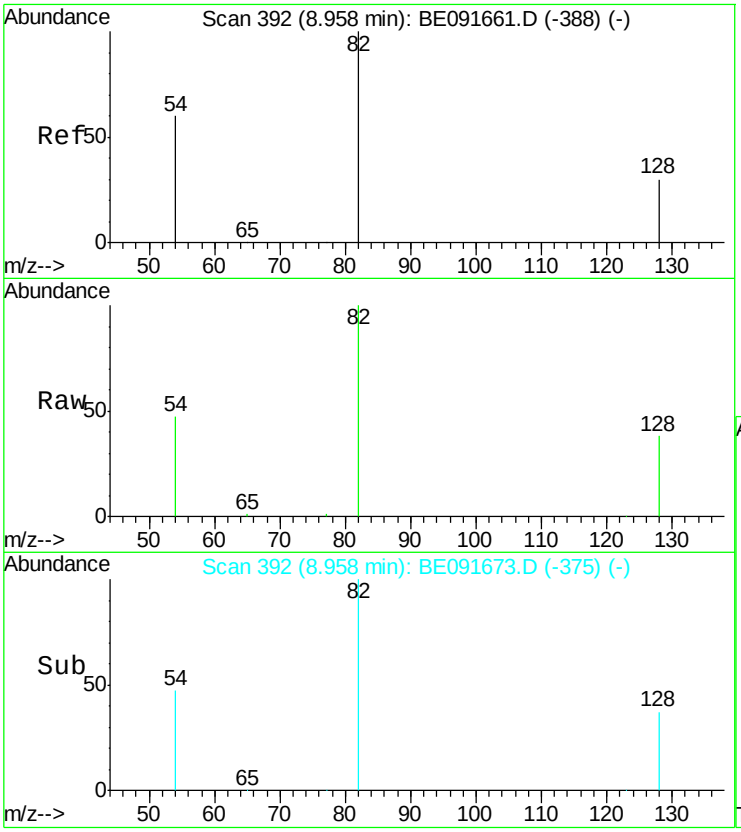


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Tgt Ion:136 Resp: 187812

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	12.5	8.2	12.4#
68	8.3	6.2	9.4



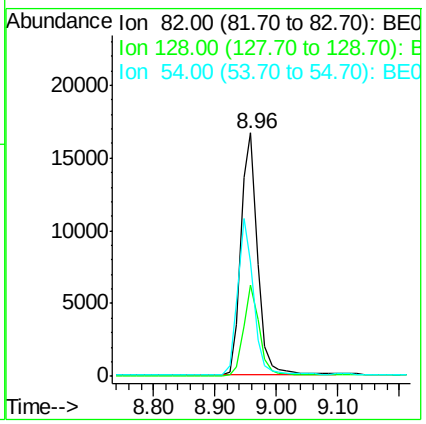


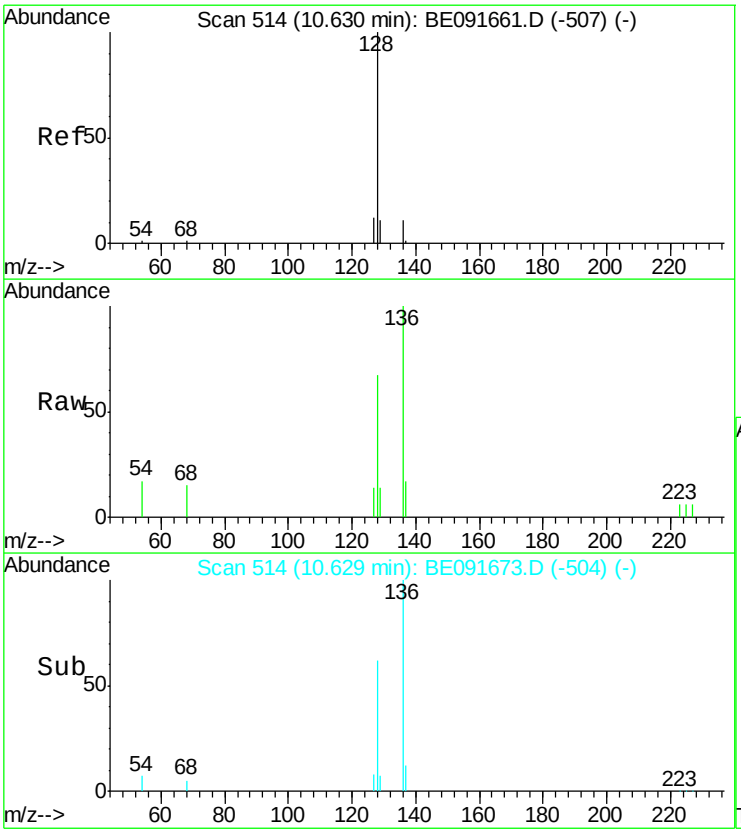
#8
Nitrobenzene-d5
Concen: 3.29 ng
RT: 8.96 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Instrument :
BNA_E
ClientSampleId :
BCR06

Tgt Ion: 82 Resp: 31698

Ion	Ratio	Lower	Upper
82	100		
128	37.5	25.4	38.0
54	47.0	48.4	72.6#

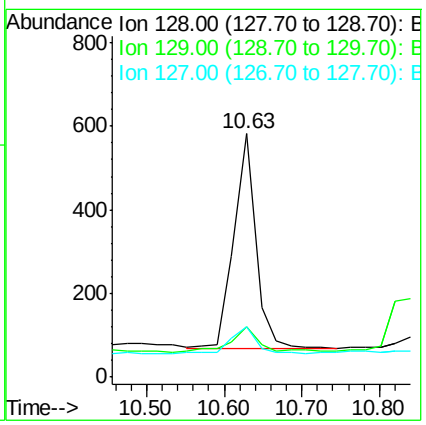


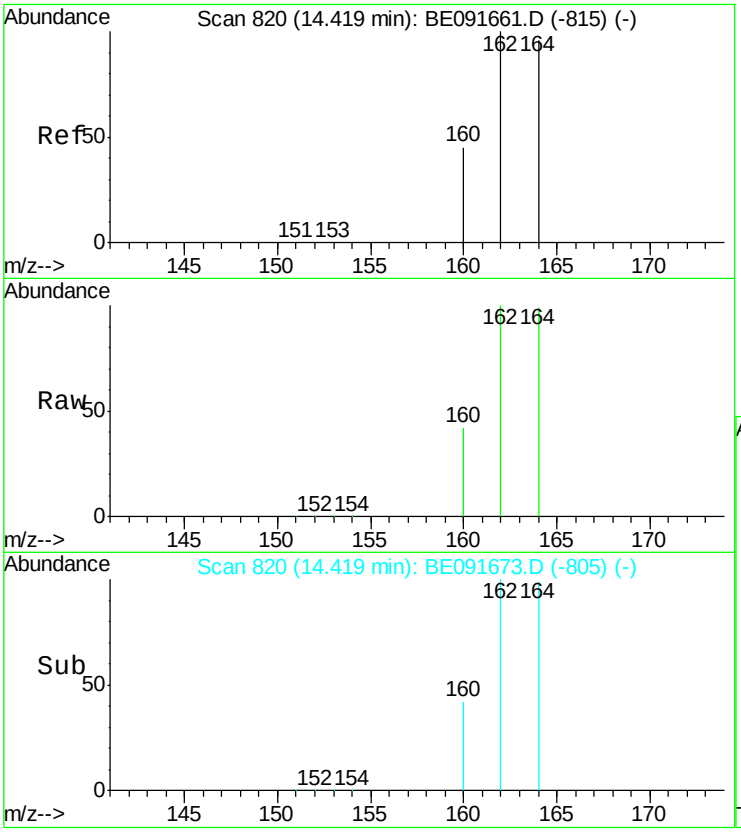


#10
Naphthalene
Concen: 0.03 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Tgt Ion:128 Resp: 1000

Ion	Ratio	Lower	Upper
128	100		
129	20.8	9.3	13.9#
127	20.8	10.7	16.1#



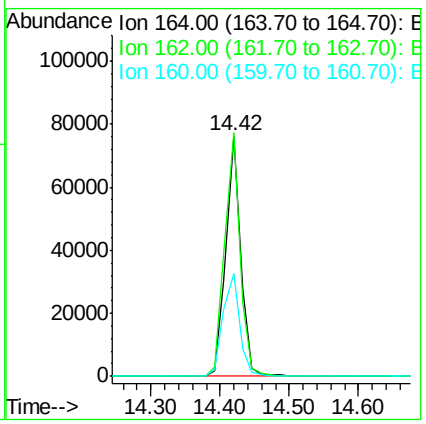


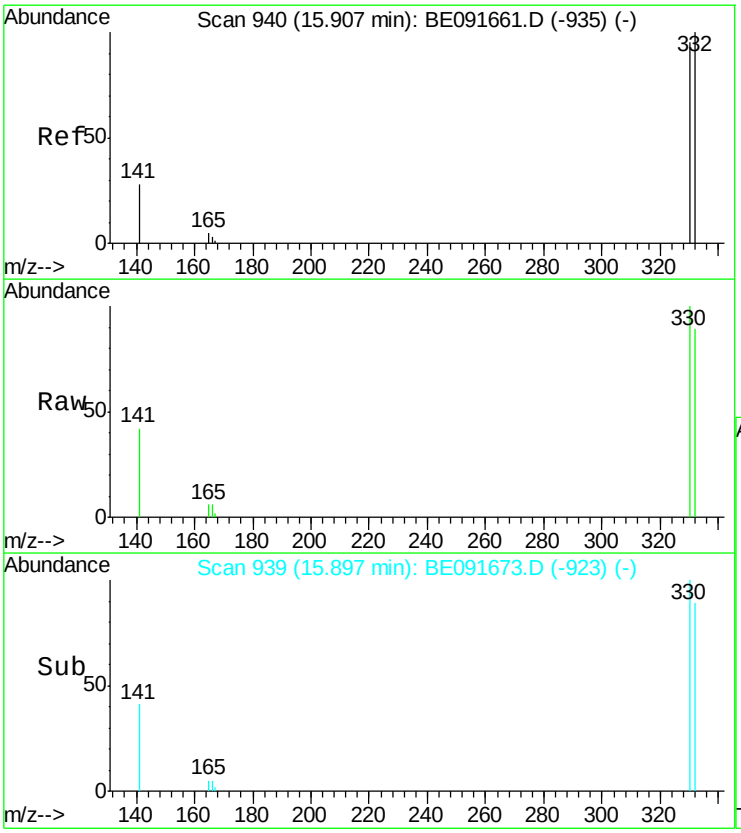
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Instrument :
BNA_E
ClientSampleId :
BCR06

Tgt Ion:164 Resp: 113439

Ion	Ratio	Lower	Upper
164	100		
162	101.5	85.3	127.9
160	42.7	46.2	69.2#

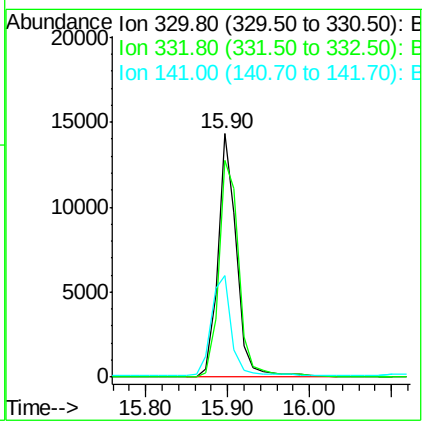


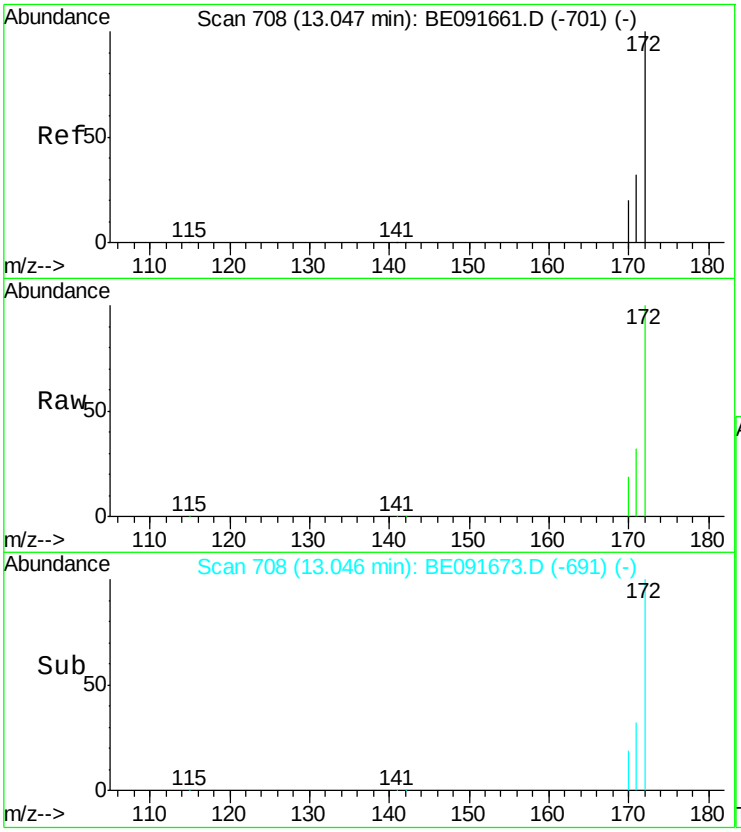


#14
2,4,6-Tribromophenol
Concen: 7.84 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Tgt Ion:330 Resp: 25729

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	44.0	125.4	188.0#



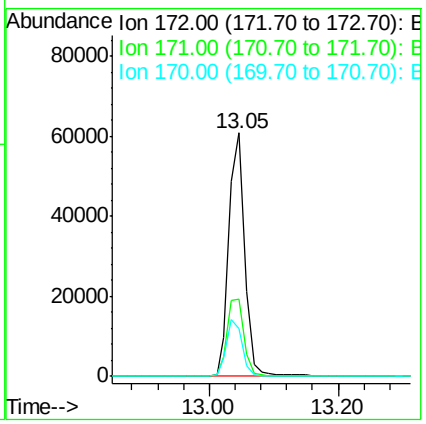


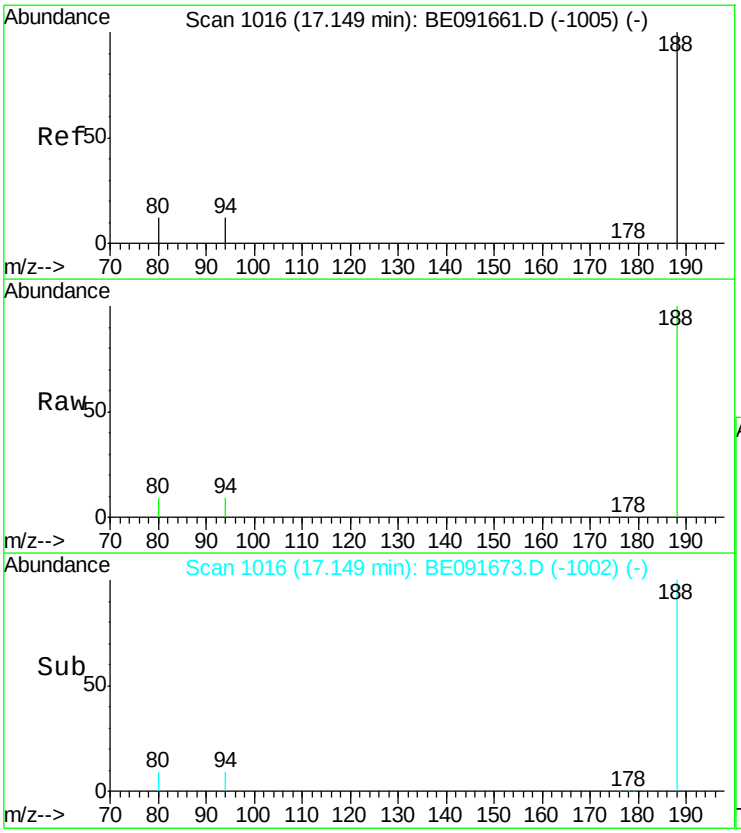
#15
2-Fluorobiphenyl
Concen: 3.24 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Instrument :
BNA_E
ClientSampleId :
BCR06

Tgt Ion:172 Resp: 102465

Ion	Ratio	Lower	Upper
172	100		
171	32.0	28.8	43.2
170	19.4	19.3	28.9

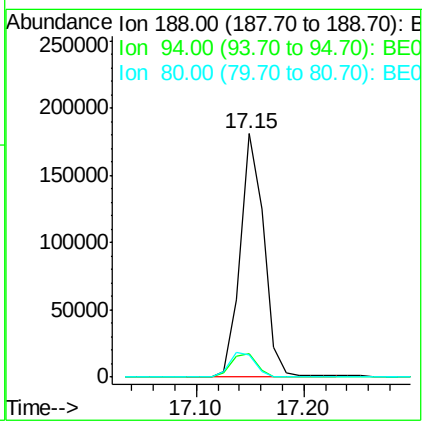


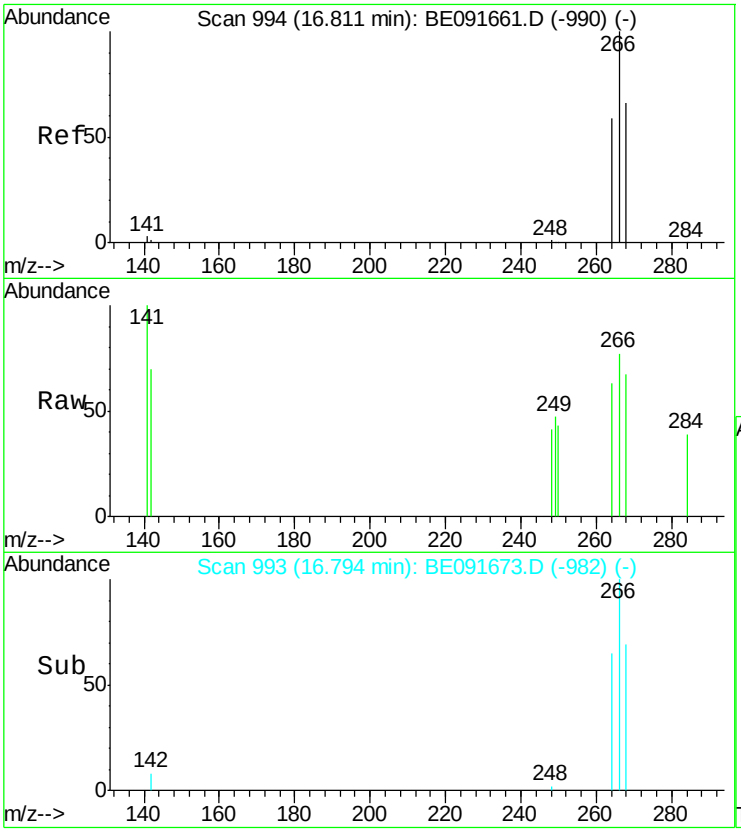


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Tgt Ion:188 Resp: 275659

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.7	13.1
80	9.2	9.4	14.0#



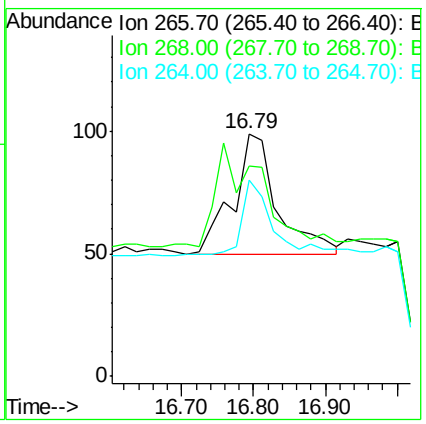


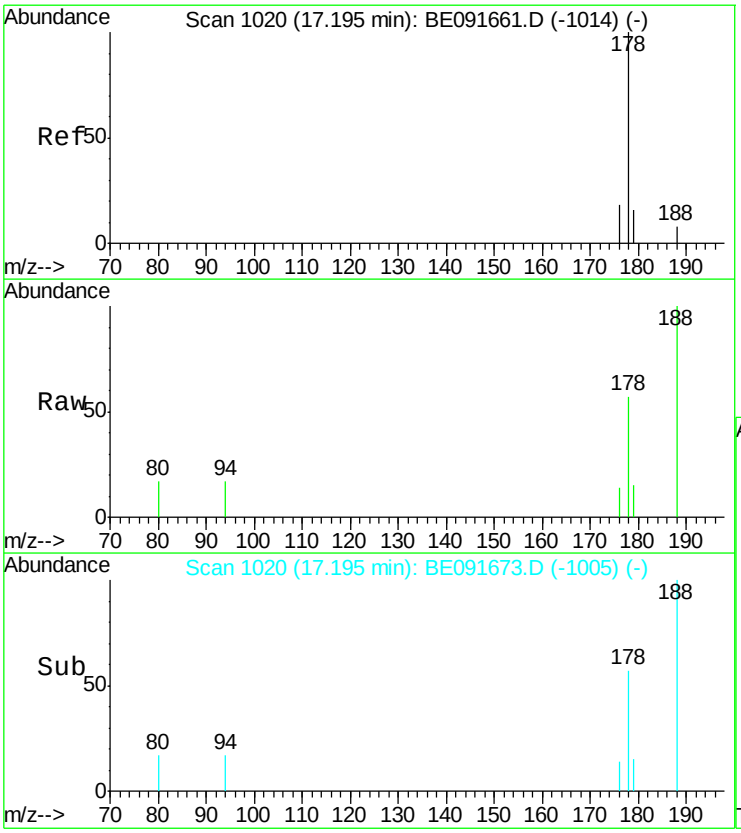
#22
Pentachlorophenol
Concen: 0.24 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Instrument :
BNA_E
ClientSampleId :
BCR06

Tgt Ion:266 Resp: 210

Ion	Ratio	Lower	Upper
266	100		
268	86.9	58.2	87.2
264	80.8	56.2	84.4

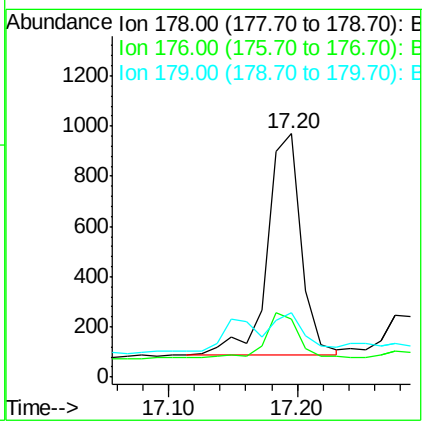


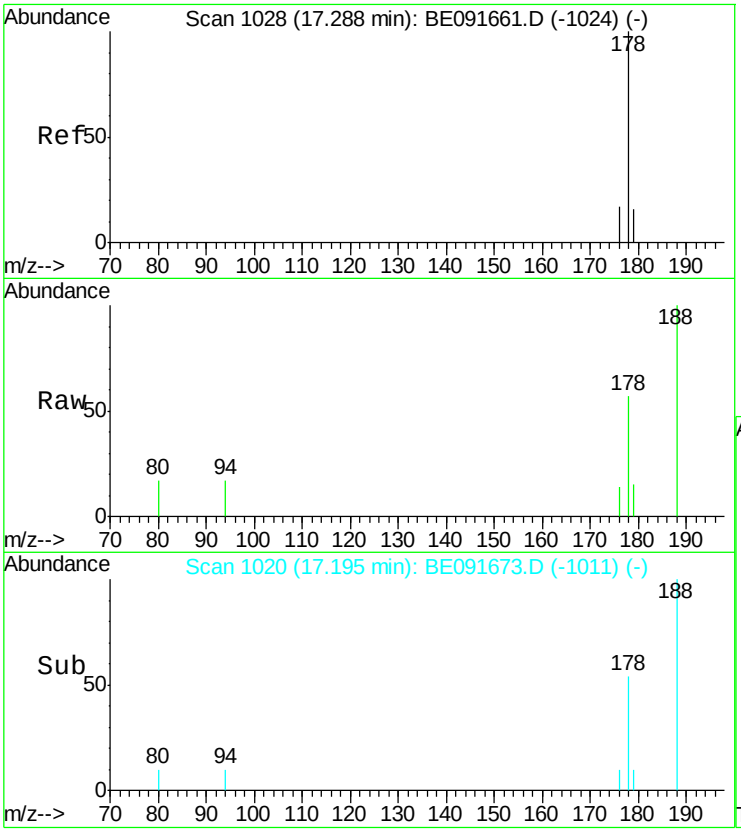


#23
Phenanthrene
Concen: 0.03 ng
RT: 17.20 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Tgt Ion:178 Resp: 1626

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.3	22.9
179	0.0	12.6	18.8#



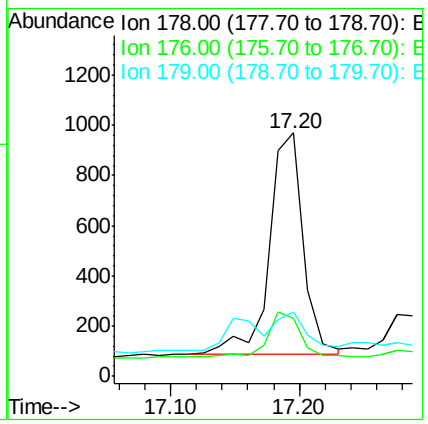


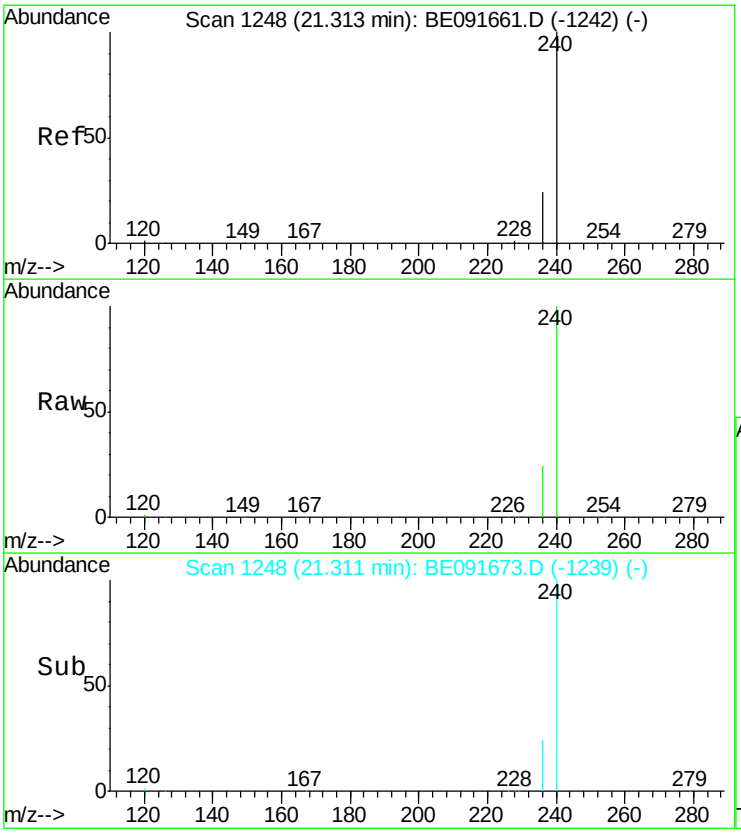
#24
Anthracene
Concen: 0.03 ng
RT: 17.20 min Scan# 1020
Delta R.T. -0.09 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Instrument :
BNA_E
ClientSampleId :
BCR06

Tgt Ion:178 Resp: 1626

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	21.8
179	14.0	11.8	17.6

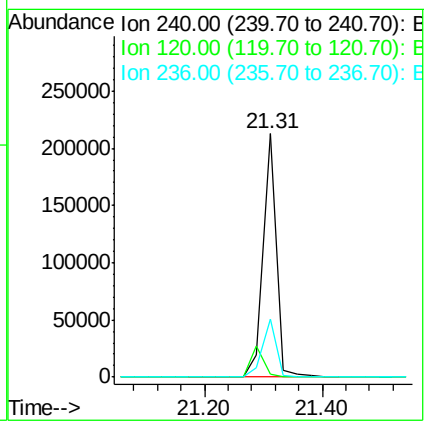


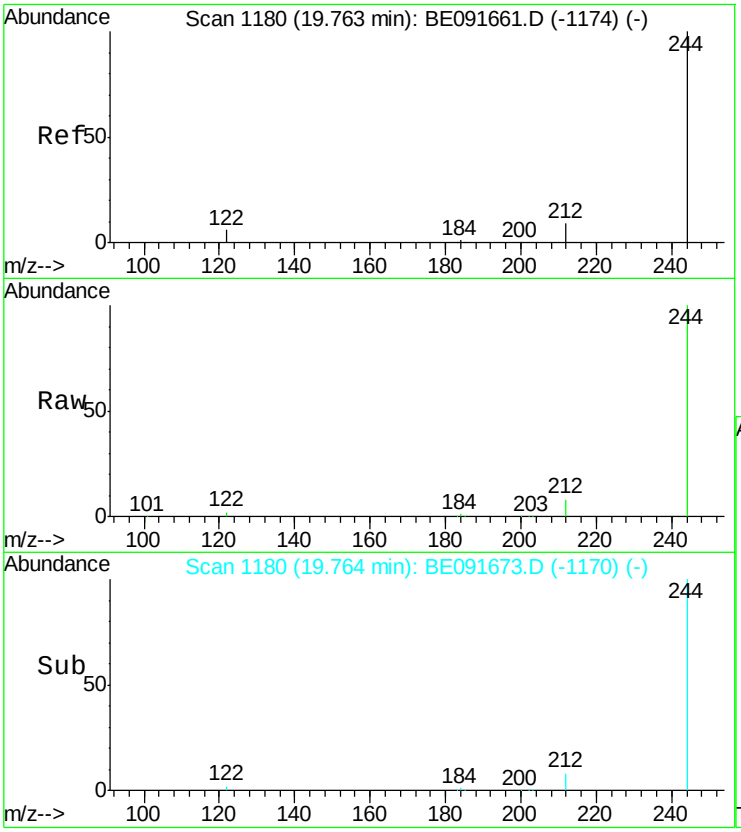


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Tgt Ion:240 Resp: 336315

Ion	Ratio	Lower	Upper
240	100		
120	1.3	11.0	16.4#
236	23.8	21.7	32.5



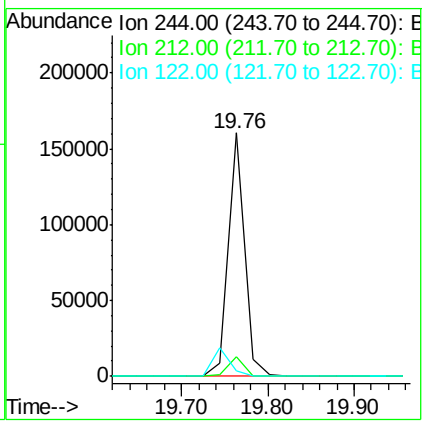


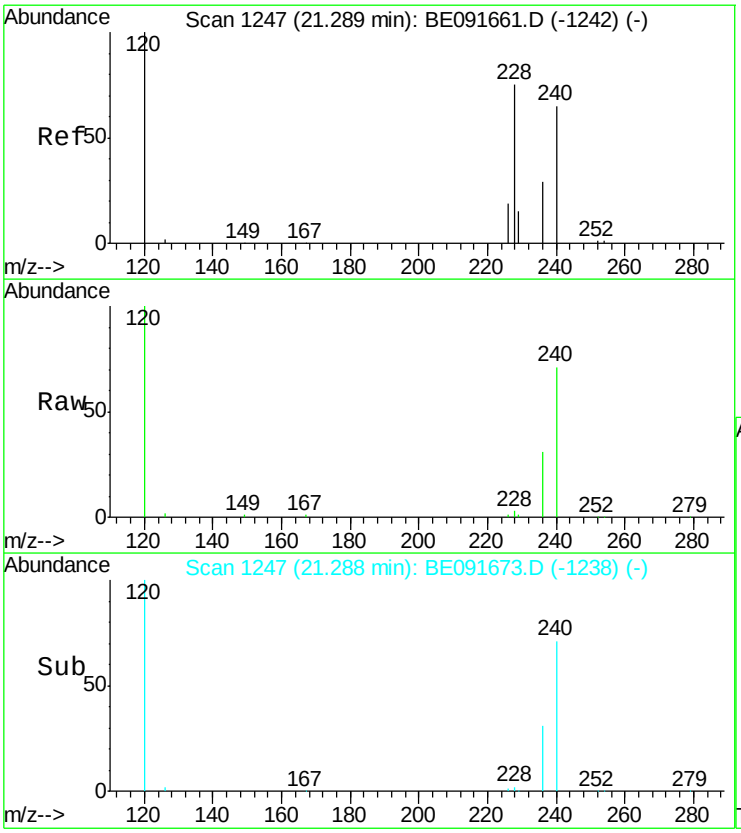
#29
Terphenyl-d14
Concen: 4.61 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Instrument :
BNA_E
ClientSampleId :
BCR06

Tgt Ion:244 Resp: 211119

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	2.4	11.0	16.4#

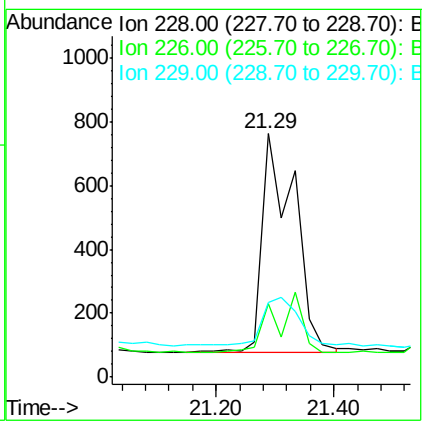


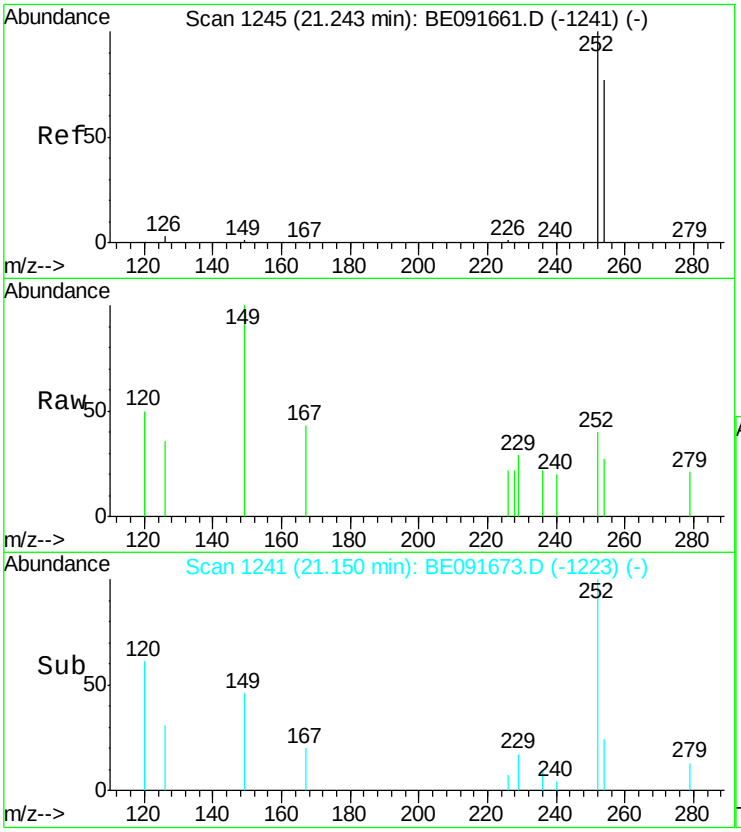


#30
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Tgt Ion:228 Resp: 2585

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.0	31.4
229	30.5	15.7	23.5#



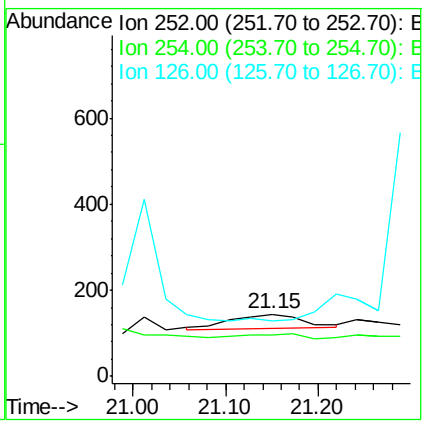


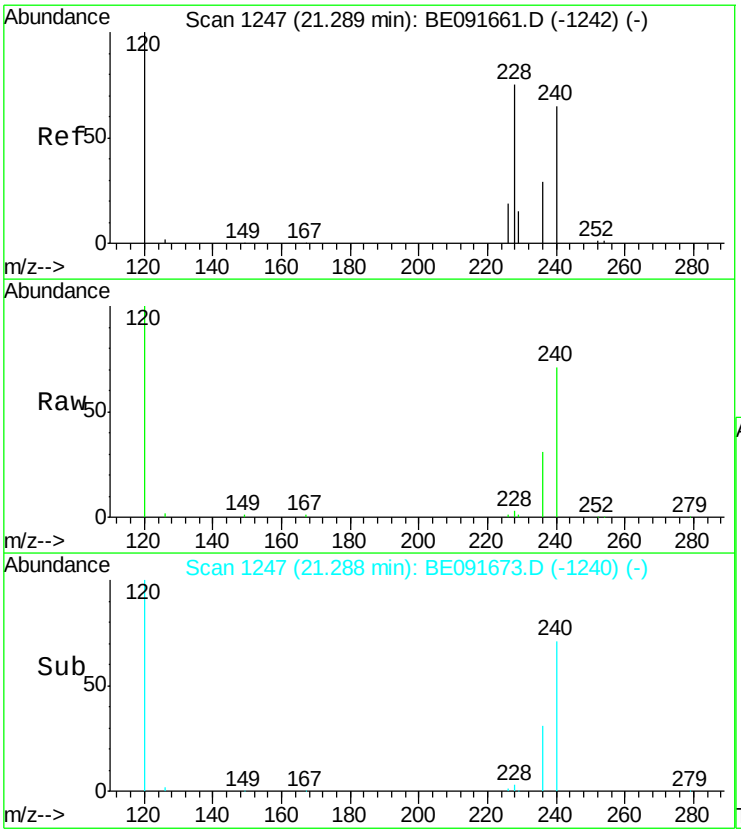
#31
3,3'-Dichlorobenzidine
Concen: 0.15 ng
RT: 21.15 min Scan# 1241
Delta R.T. -0.09 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Instrument :
BNA_E
ClientSampleId :
BCR06

Tgt Ion:252 Resp: 177

Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.1	76.7
126	89.6	12.6	18.8#

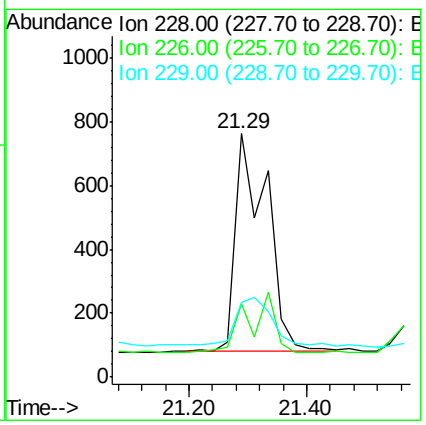


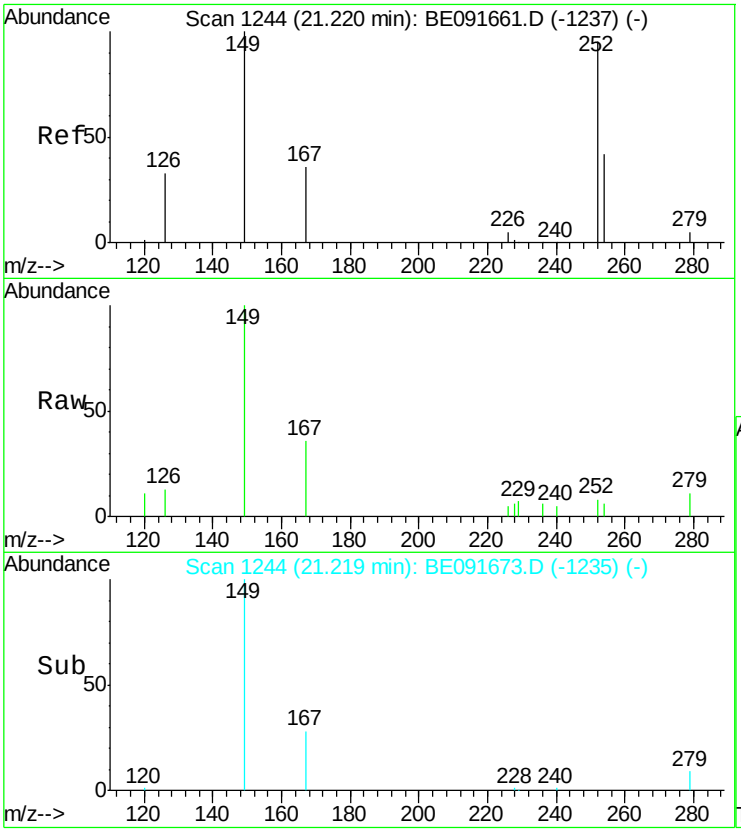


#32
Chrysene
Concen: 0.03 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Tgt Ion:228 Resp: 2543

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	30.5	15.9	23.9#



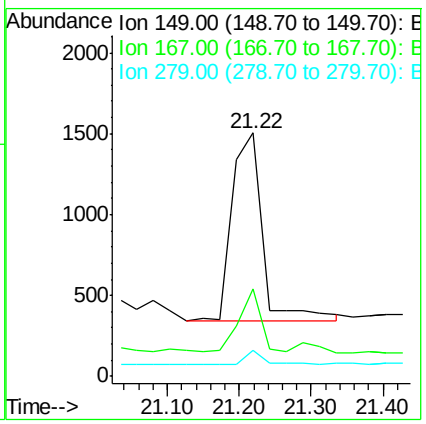


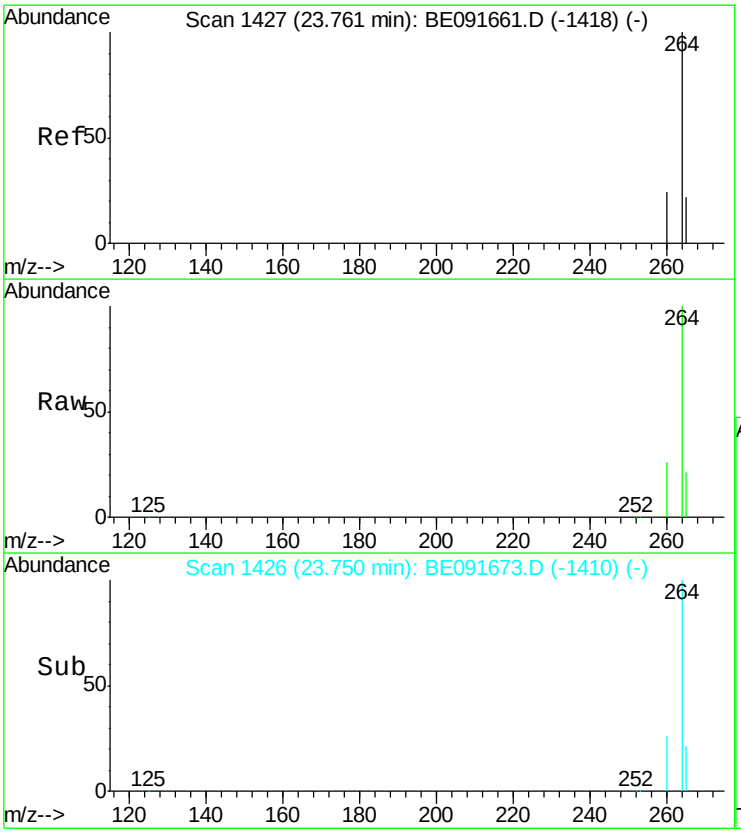
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE091673.D
Acq: 18 Apr 2016 20:59

Instrument :
BNA_E
ClientSampleId :
BCR06

Tgt Ion:149 Resp: 3395

Ion	Ratio	Lower	Upper
149	100		
167	23.4	19.5	29.3
279	5.2	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: BE091673.D
Acq: 18 Apr 2016 20:59

Tgt Ion:264 Resp: 304598

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.0	30.0
265	21.1	17.5	26.3