Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
Data File : BE091630.D
Acq On : 11 Apr 2016 16:12
Operator : UM/SJ
Sample : PB89409BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB89409BL

Quant Time: Apr 12 02:04:49 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	90690	5.00	ng	-0.02
7) Naphthalene-d8	10.59	136	443603	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	270936	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	676993	5.00	ng	0.00
26) Chrysene-d12	21.31	240	827310	5.00	ng	0.00
35) Perylene-d12	23.76	264	742735	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	133726	6.18	ng	0.00
5) Phenol-d6	6.97	99	204423	7.08	ng	0.00
8) Nitrobenzene-d5	8.96	82	88096	3.42	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	63667	6.47	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	262344	3.48	ng	0.00
29) Terphenyl-d14	19.76	244	416235	4.03	ng	0.00
Target Compounds						Qvalue
9) Nitrobenzene	8.96	77	346	0.18	ng	# 35
22) Pentachlorophenol	16.83	266	87	0.23	ng	# 78
27) Benzidine	19.42	184	248	0.33	ng	# 31
30) Benzo(a)anthracene	21.29	228	9386	0.05	ng	99
31) 3,3'-Dichlorobenzidine	21.24	252	210	0.17	ng	# 69
32) Chrysene	21.29	228	9437	0.06	ng	96
33) Bis(2-ethylhexyl)phthalate	21.22	149	513	0.27	ng	# 91

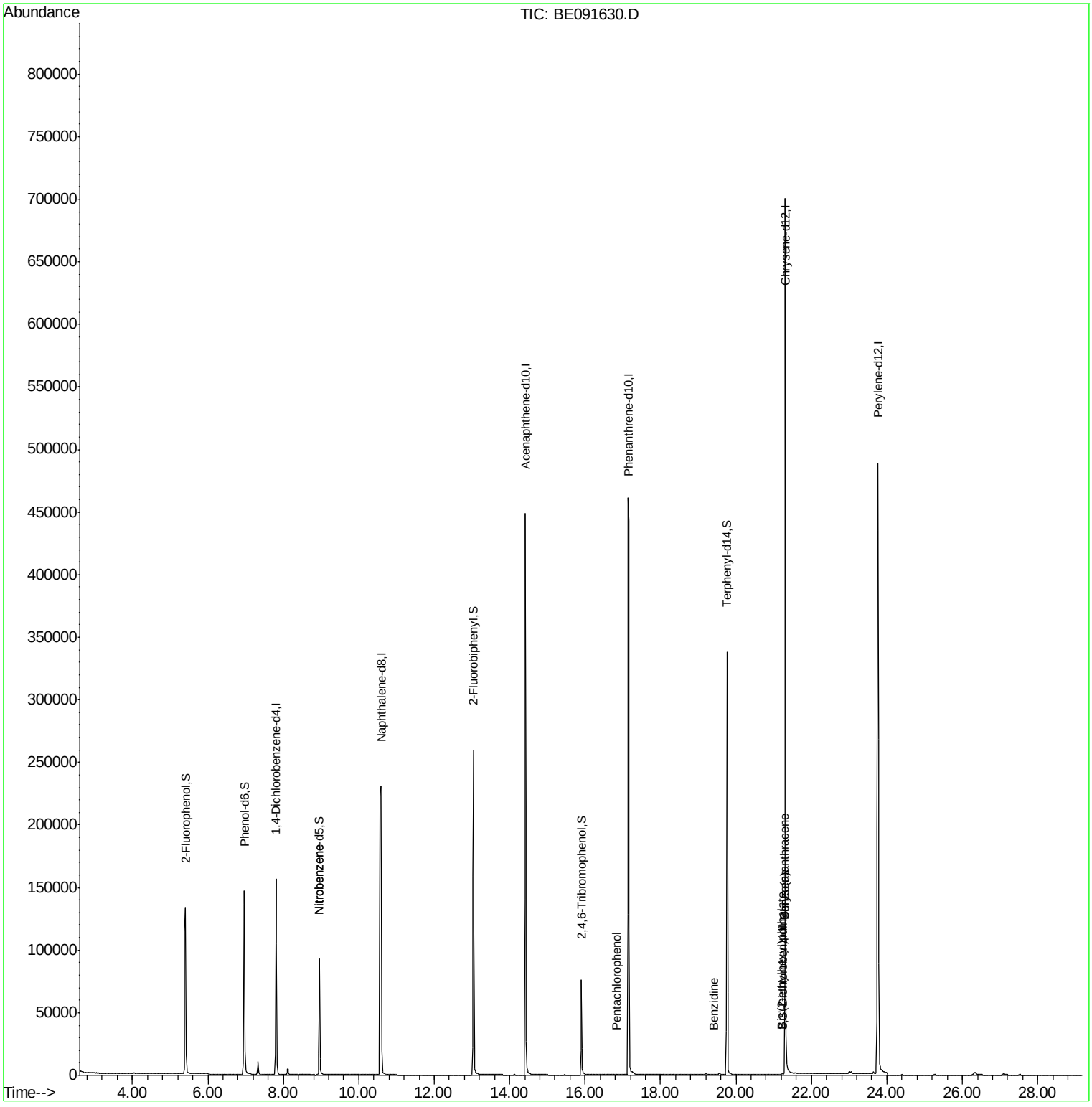
(#) = qualifier out of range (m) = manual integration (+) = signals summed

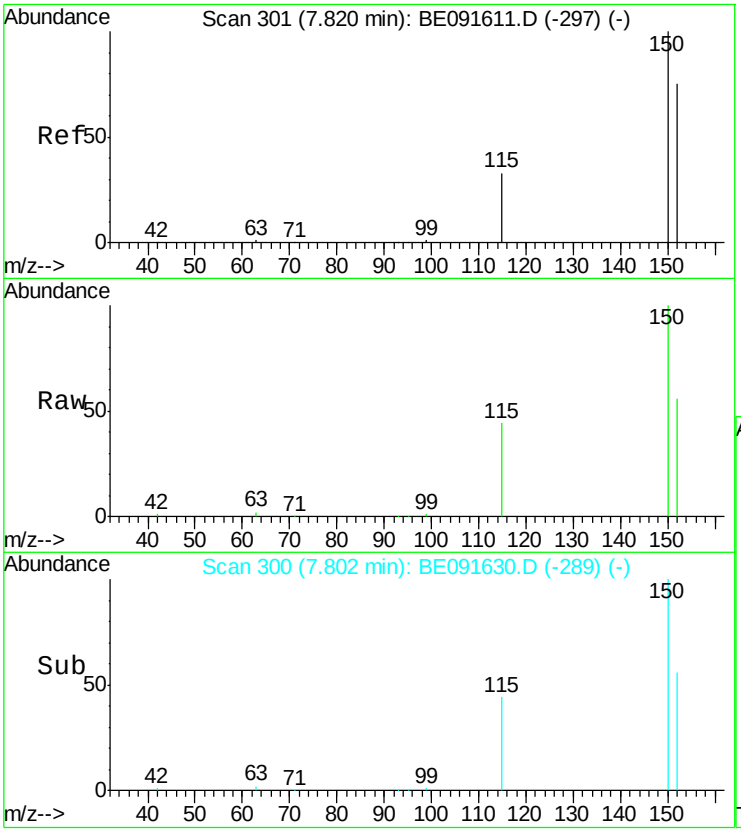
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
Data File : BE091630.D
Acq On : 11 Apr 2016 16:12
Operator : UM/SJ
Sample : PB89409BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Quant Time: Apr 12 02:04:49 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration



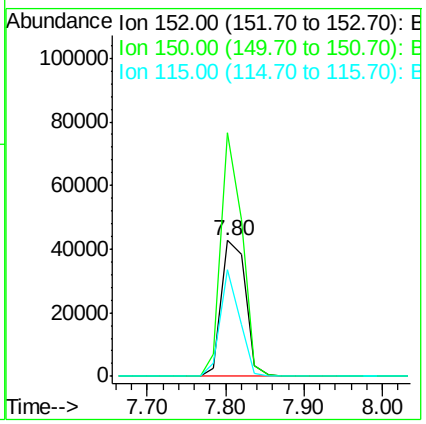


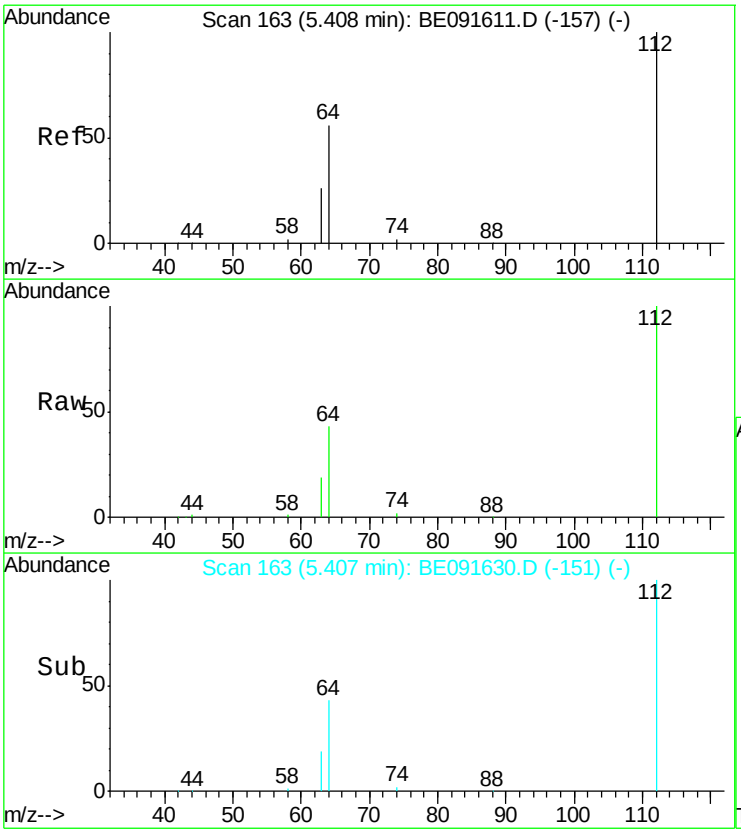
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.02 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:152 Resp: 90690

Ion	Ratio	Lower	Upper
152	100		
150	179.3	122.6	183.8
115	78.6	52.8	79.2

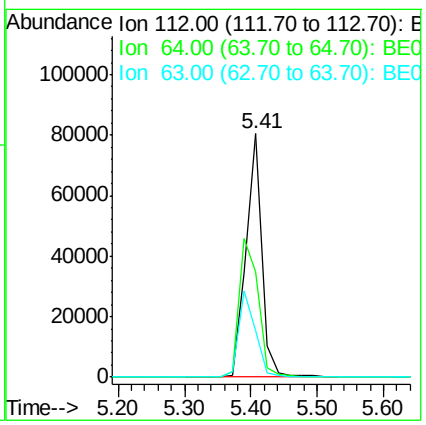


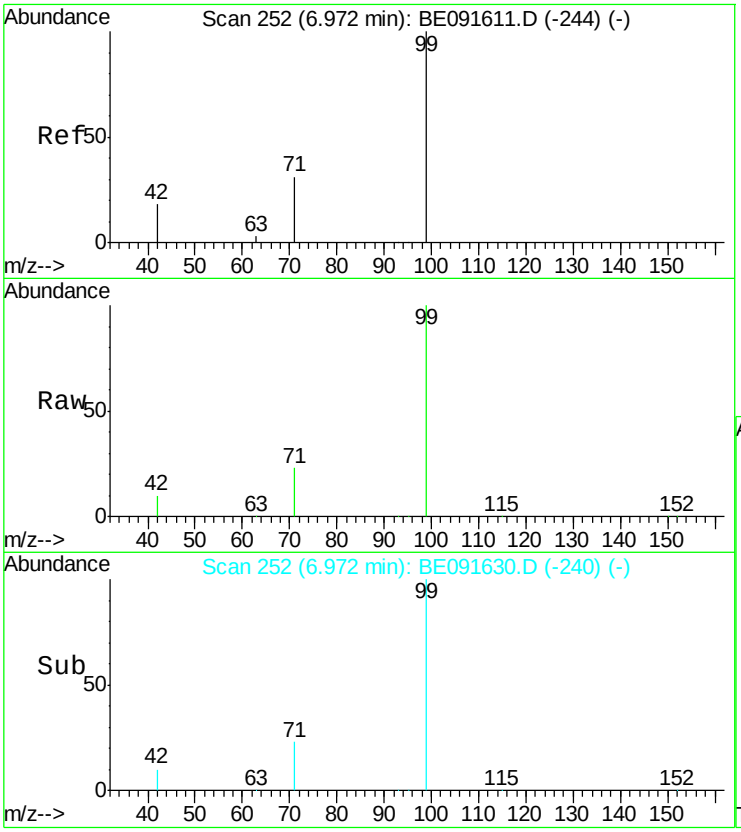


#4
2-Fluorophenol
Concen: 6.18 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Tgt Ion:112 Resp: 133726

Ion	Ratio	Lower	Upper
112	100		
64	67.7	30.9	46.3#
63	37.1	16.7	25.1#



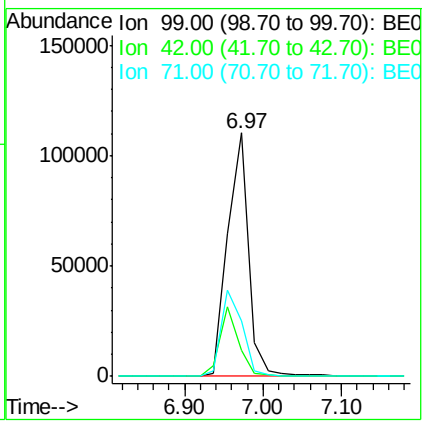


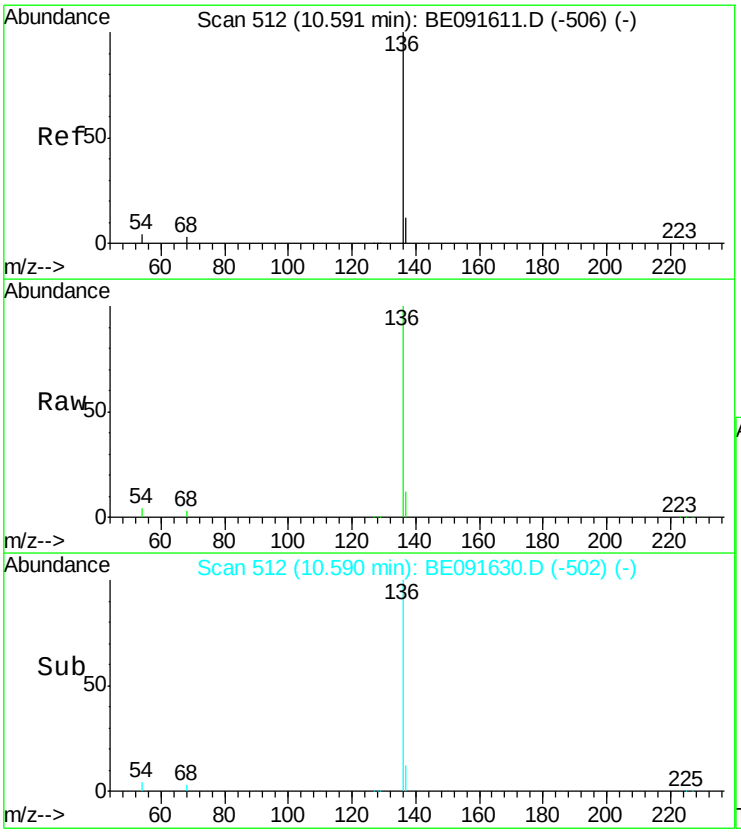
#5
Phenol-d6
Concen: 7.08 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion: 99 Resp: 204423

Ion	Ratio	Lower	Upper
99	100		
42	25.4	16.2	24.2#
71	36.0	29.0	43.4

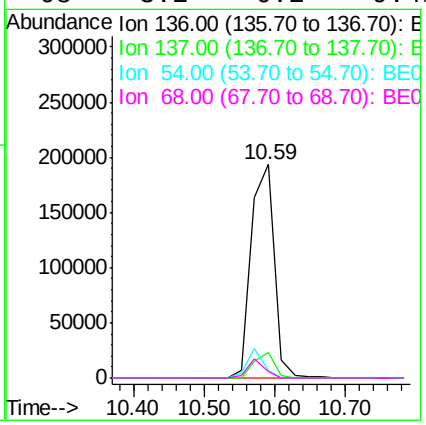


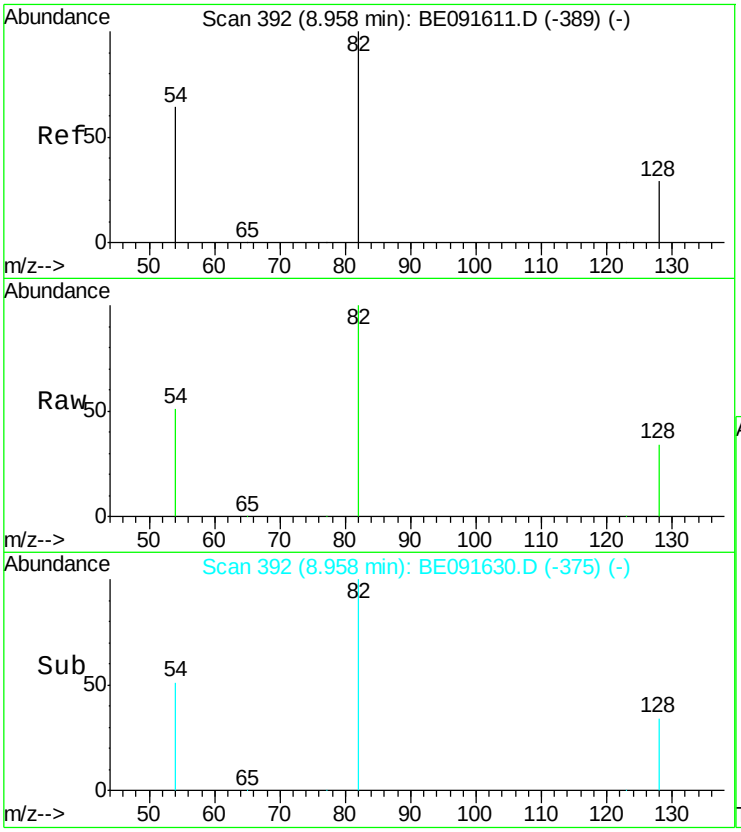


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Tgt Ion:136 Resp: 443603

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	3.9	8.2	12.4#
68	3.2	6.2	9.4#



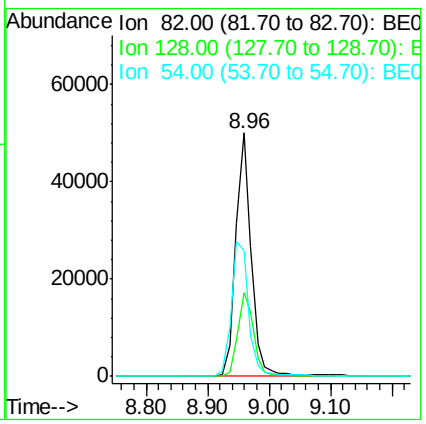


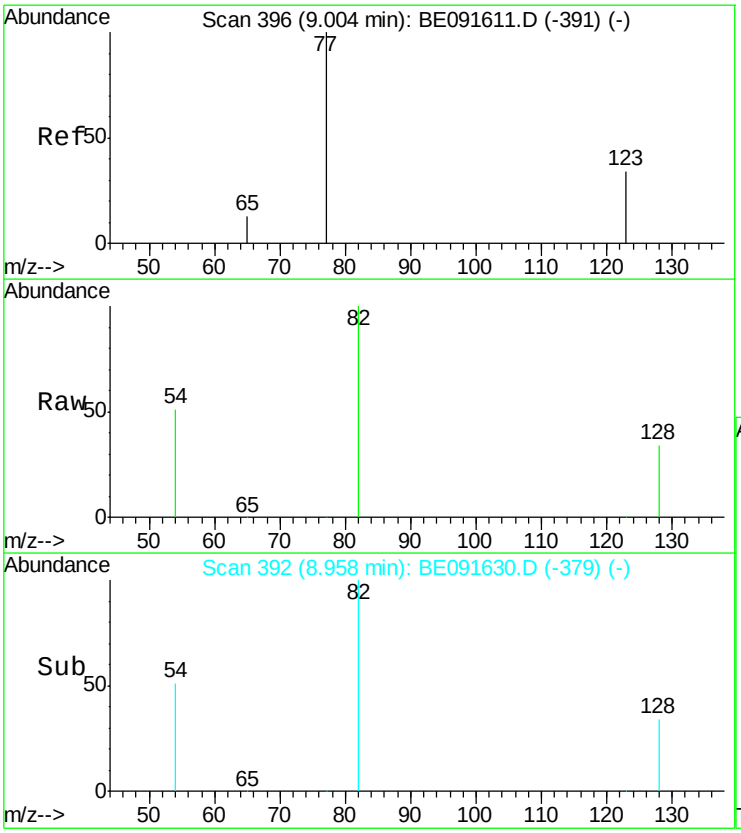
#8
Nitrobenzene-d5
Concen: 3.42 ng
RT: 8.96 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion: 82 Resp: 88096

Ion	Ratio	Lower	Upper
82	100		
128	34.1	25.4	38.0
54	51.5	48.4	72.6

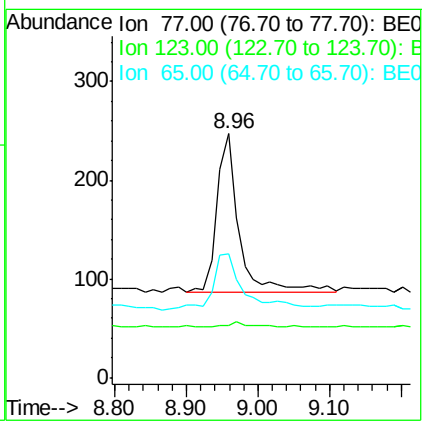


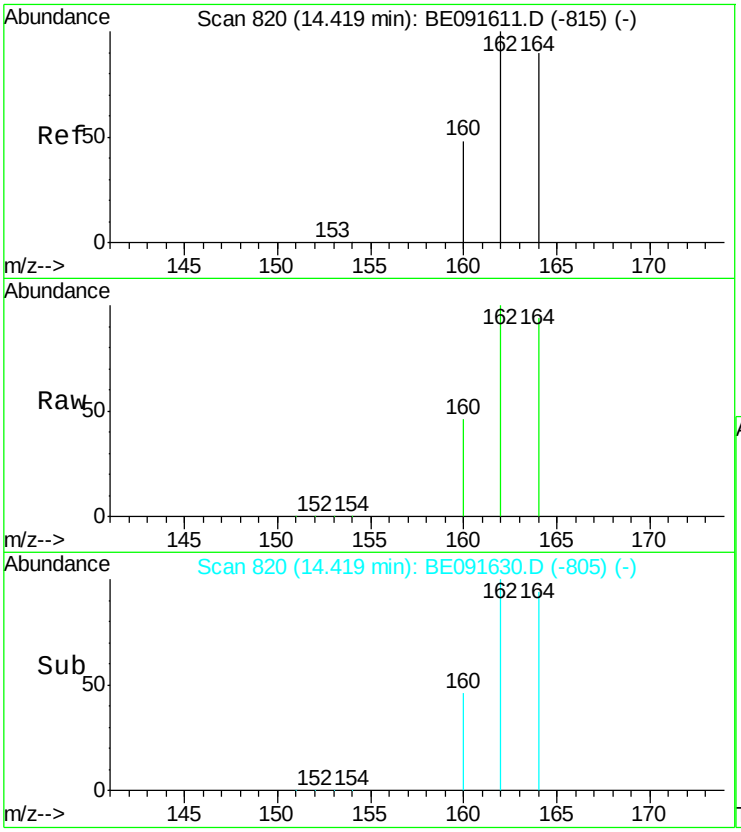


#9
Nitrobenzene
Concen: 0.18 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.05 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Tgt Ion: 77 Resp: 346

Ion	Ratio	Lower	Upper
77	100		
123	3.8	26.9	40.3#
65	51.4	9.4	14.2#



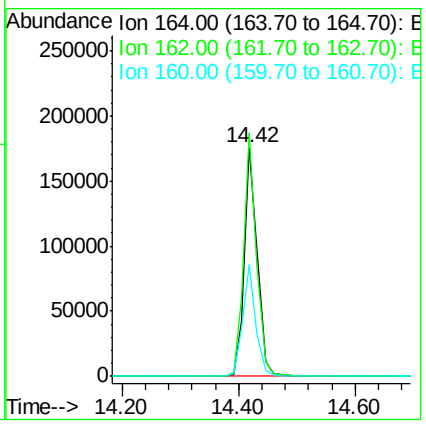


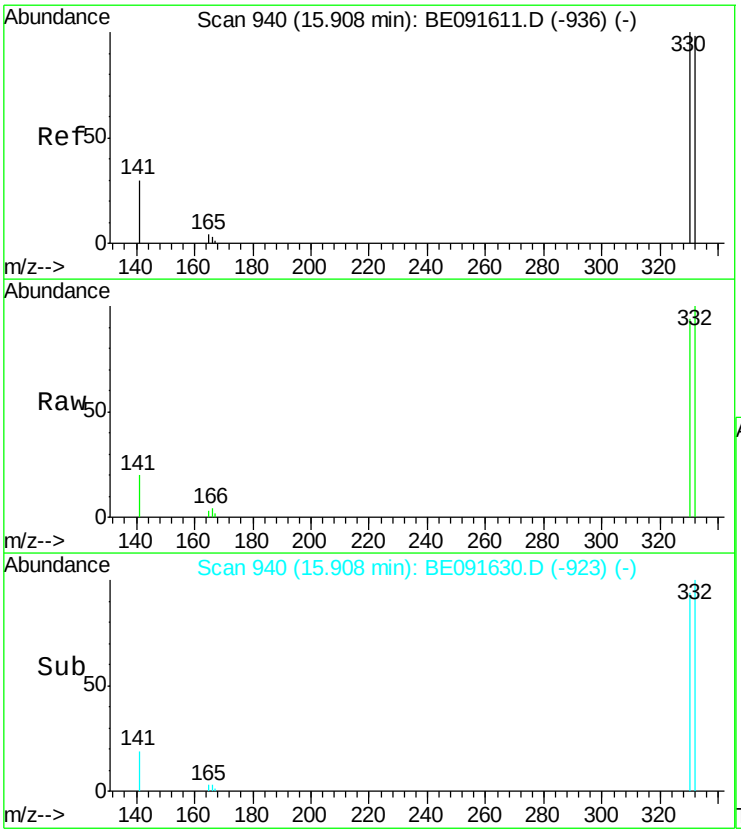
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:164 Resp: 270936

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.3	127.9
160	48.6	46.2	69.2

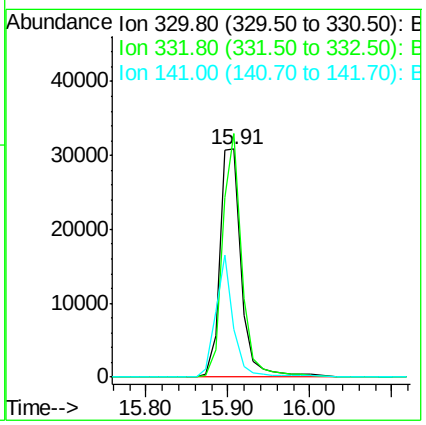


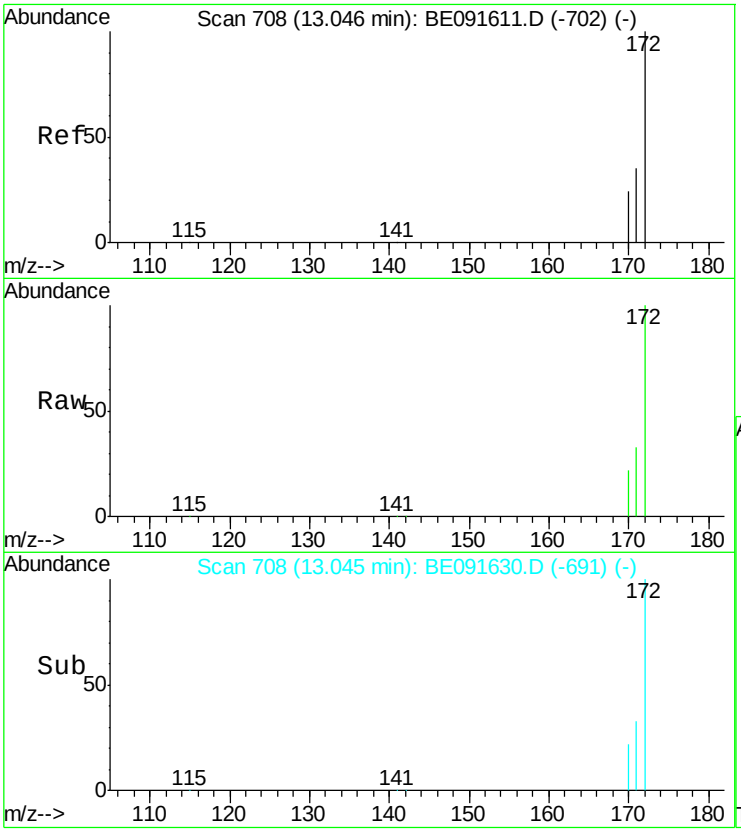


#14
2,4,6-Tribromophenol
Concen: 6.47 ng
RT: 15.91 min Scan# 940
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Tgt Ion:330 Resp: 63667

Ion	Ratio	Lower	Upper
330	100		
332	95.3	79.1	118.7
141	43.3	125.4	188.0#



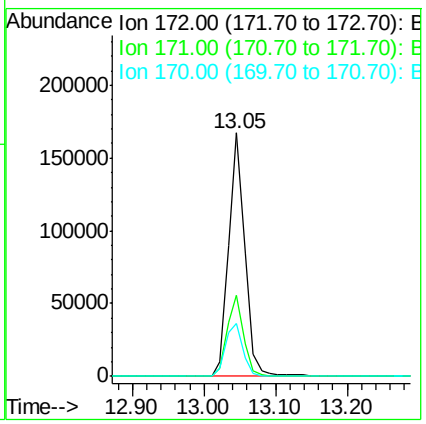


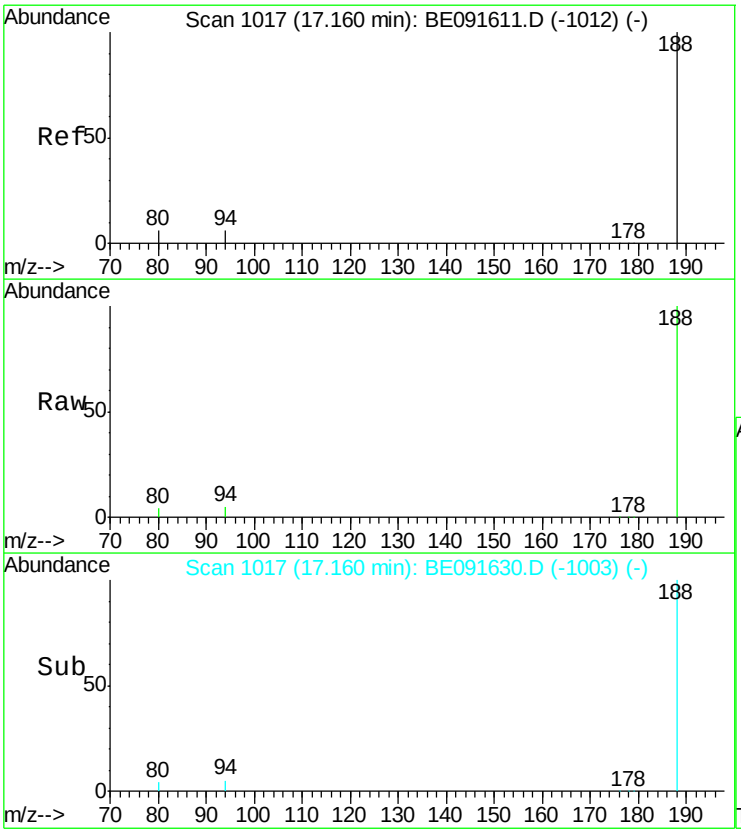
#15
2-Fluorobiphenyl
Concen: 3.48 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:172 Resp: 262344

Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.8	43.2
170	21.6	19.3	28.9

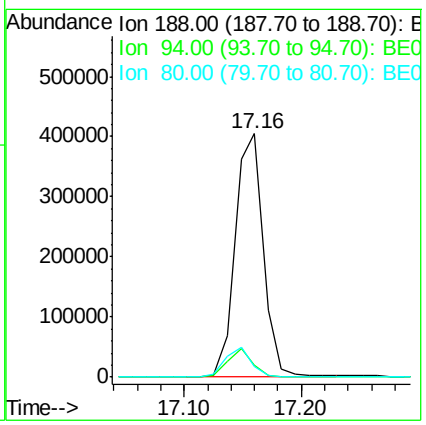


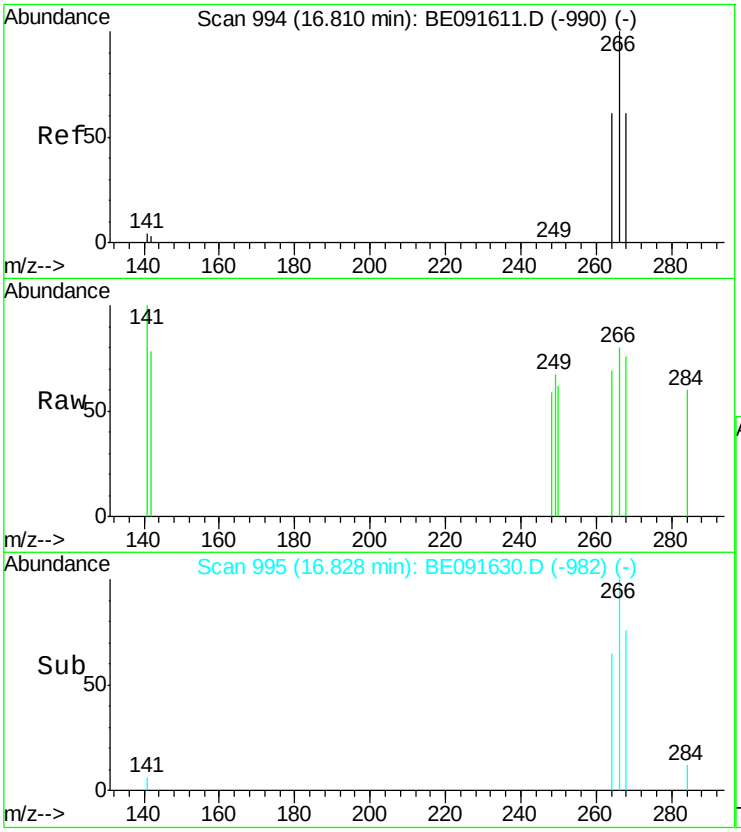


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Tgt Ion:188 Resp: 676993

Ion	Ratio	Lower	Upper
188	100		
94	5.0	8.7	13.1#
80	4.2	9.4	14.0#



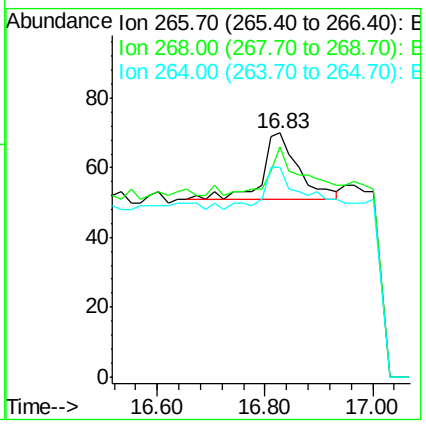


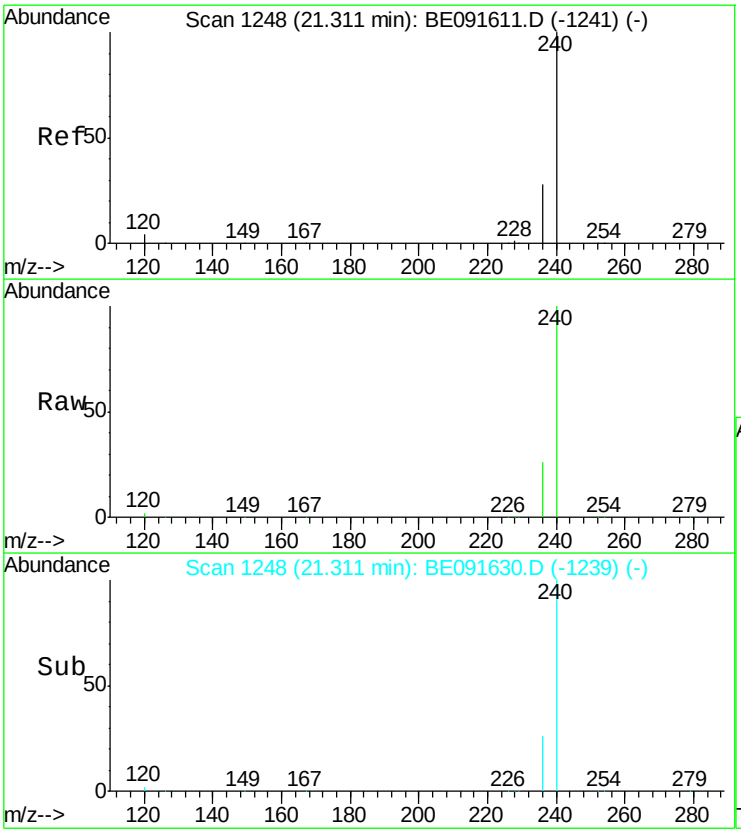
#22
Pentachlorophenol
Concen: 0.23 ng
RT: 16.83 min Scan# 995
Delta R.T. 0.02 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Instrument : BNA_E
ClientSampleId : PB89409BL

Tgt Ion:266 Resp: 87

Ion	Ratio	Lower	Upper
266	100		
268	94.3	58.2	87.2#
264	85.7	56.2	84.4#

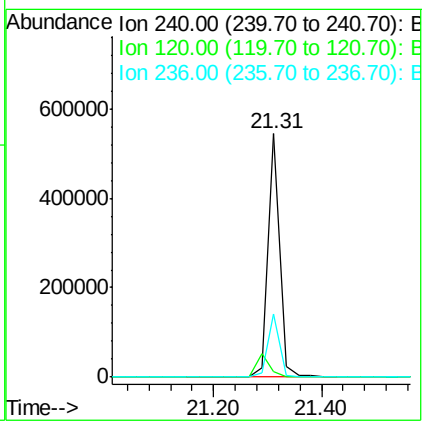


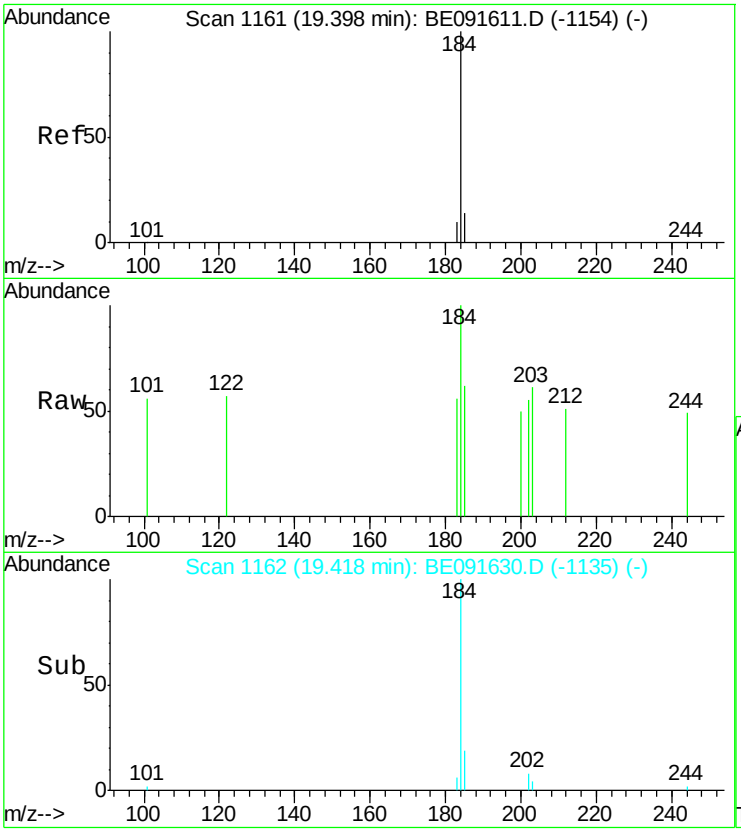


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Tgt Ion:240 Resp: 827310

Ion	Ratio	Lower	Upper
240	100		
120	2.2	11.0	16.4#
236	25.9	21.7	32.5



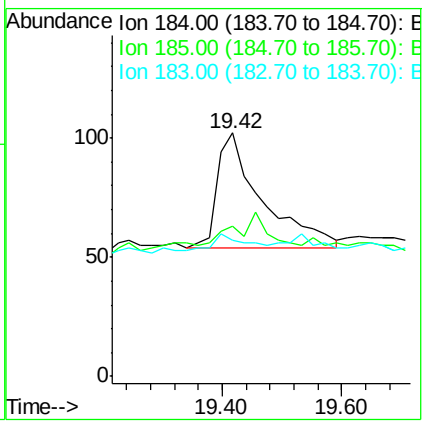


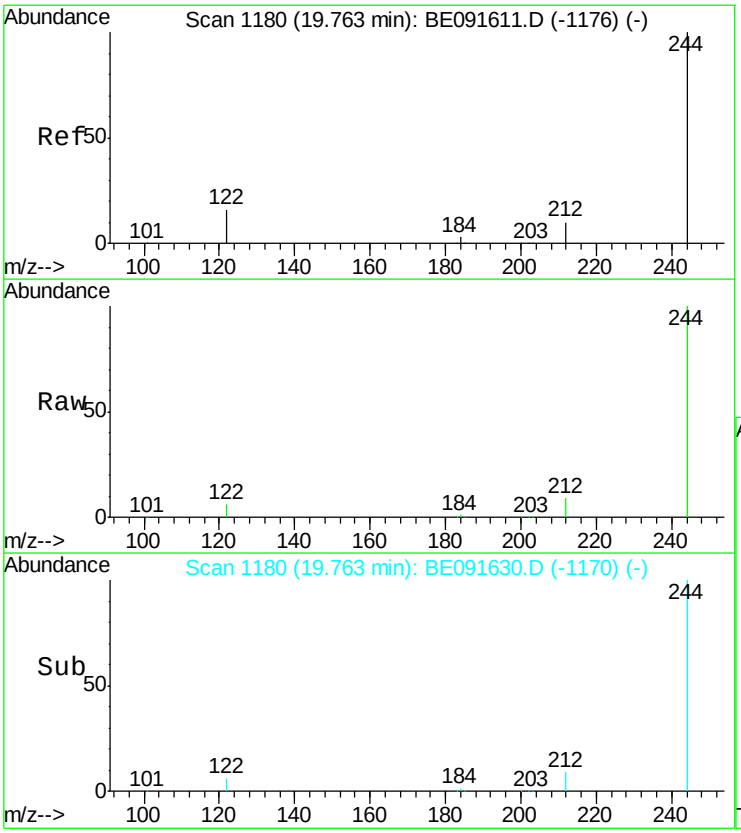
#27
Benzidine
Concen: 0.33 ng
RT: 19.42 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:184 Resp: 248

Ion	Ratio	Lower	Upper
184	100		
185	61.8	22.3	33.5#
183	55.9	16.4	24.6#

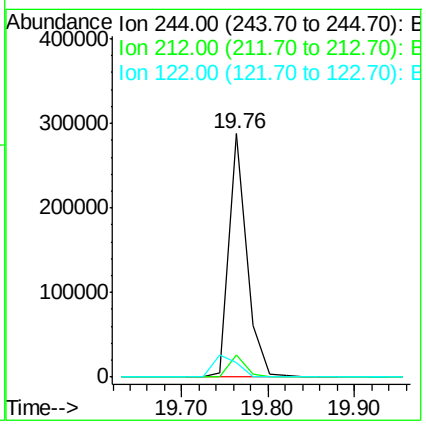


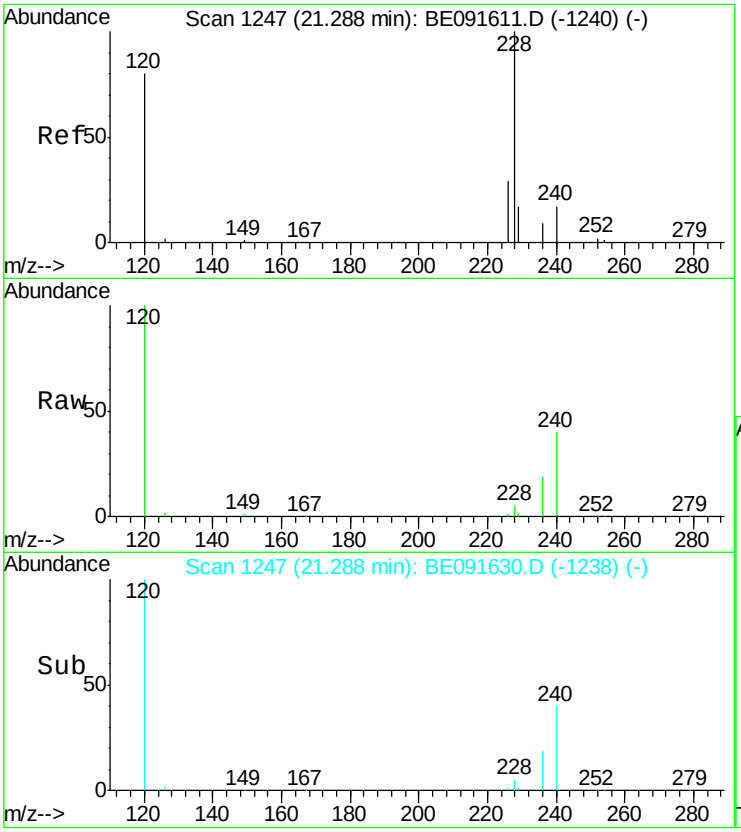


#29
Terphenyl-d14
Concen: 4.03 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Tgt Ion:244 Resp: 416235

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	5.9	11.0	16.4#



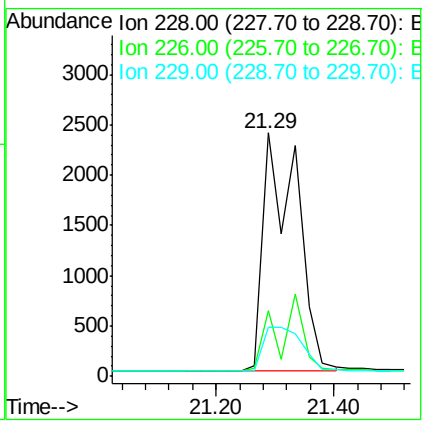


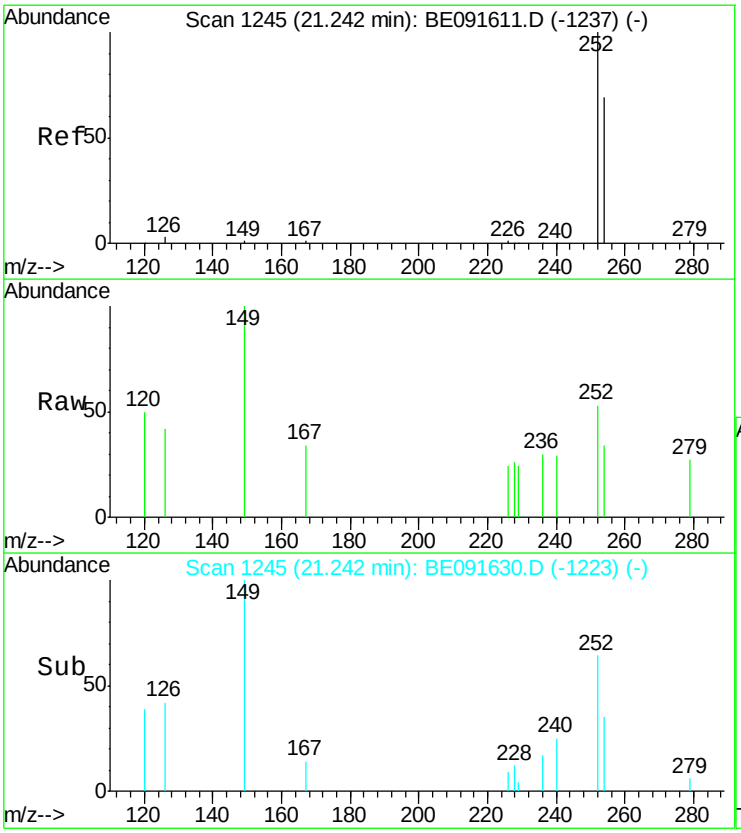
#30
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:228 Resp: 9386

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.0	31.4
229	19.9	15.7	23.5

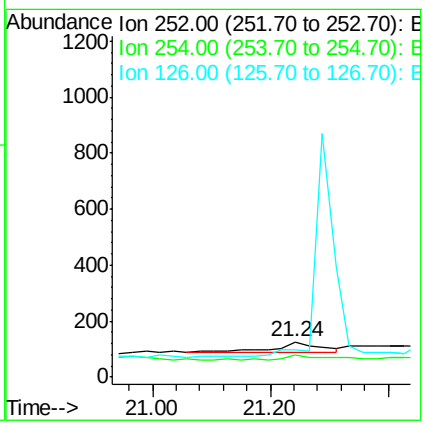


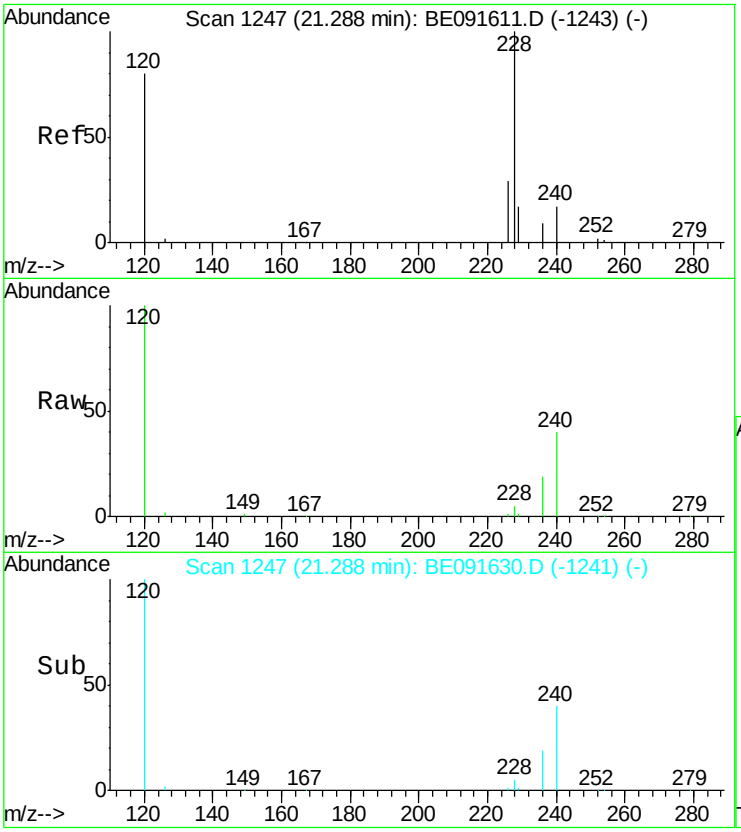


#31
3,3'-Dichlorobenzidine
Concen: 0.17 ng
RT: 21.24 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Tgt Ion:252 Resp: 210

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	79.2	12.6	18.8#



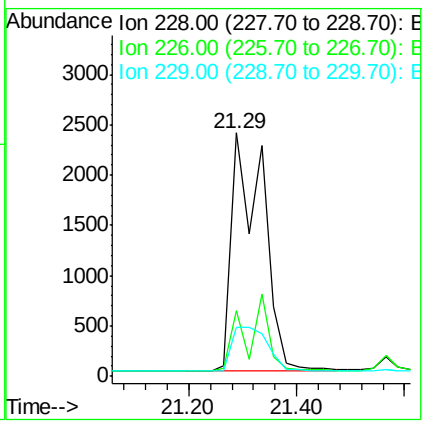


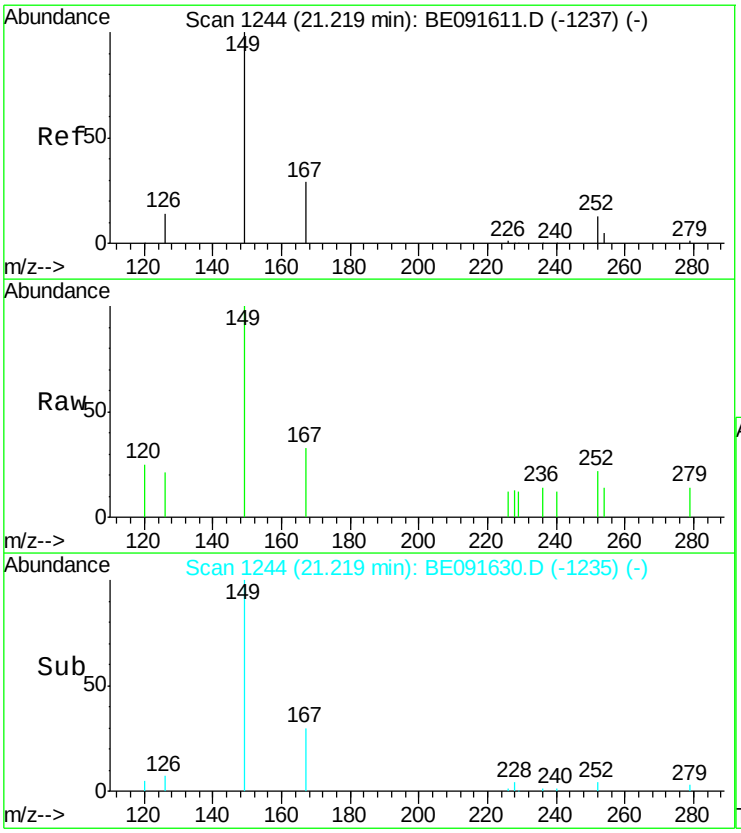
#32
Chrysene
Concen: 0.06 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.07 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:228 Resp: 9437

Ion	Ratio	Lower	Upper
228	100		
226	26.8	24.0	36.0
229	19.9	15.9	23.9

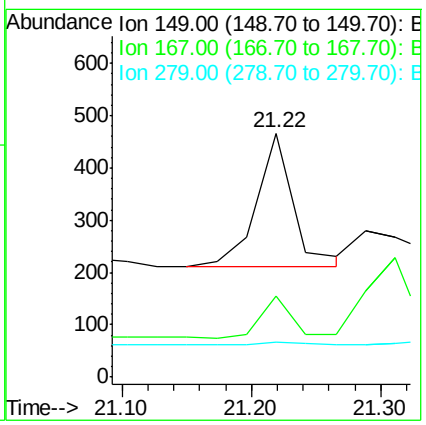


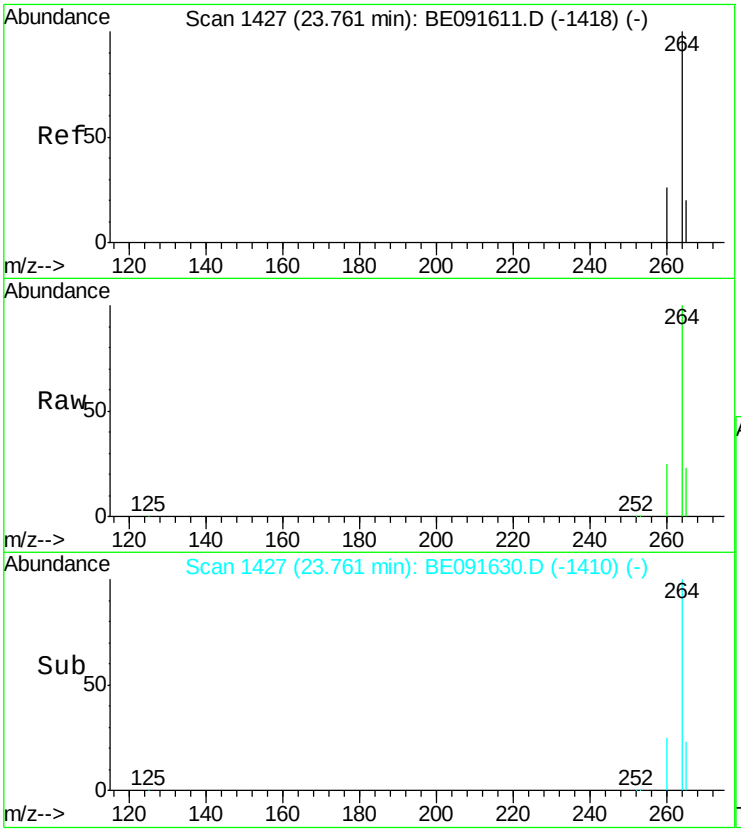


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.22 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Tgt Ion:149 Resp: 513

Ion	Ratio	Lower	Upper
149	100		
167	24.2	19.5	29.3
279	2.1	10.0	15.0#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:264 Resp: 742735

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	22.9	17.5	26.3