Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010216\
Data File : BM003916.D
Acq On : 31 Dec 2015 16:16
Operator : SJ/UM
Sample : PB87602BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87602BL

Quant Time: Jan 02 05:09:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:37:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	46812	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	189407	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	97165	5.00	ng	-0.02
19) Phenanthrene-d10	17.07	188	233069	5.00	ng	0.00
26) Chrysene-d12	21.28	240	146598	5.00	ng	0.01
35) Perylene-d12	23.52	264	104135	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	84023	8.77	ng	0.00
5) Phenol-d6	6.85	99	103617	8.83	ng	0.00
8) Nitrobenzene-d5	8.83	82	40623	4.36	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	19066	6.58	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	141975	4.53	ng	0.00
29) Terphenyl-d14	19.71	244	116252	4.90	ng	-0.01
Target Compounds						Qvalue
22) Pentachlorophenol	16.79	266	12	0.12	ng	# 65
23) Phenanthrene	17.07	178	172	Below Cal		# 1
27) Benzidine	19.70	184	2530	0.34	ng	# 93
30) Benzo(a)anthracene	21.26	228	988	0.02	ng	# 76
31) 3,3'-Dichlorobenzidine	21.22	252	81	0.24	ng	# 60
32) Chrysene	21.26	228	1013	0.02	ng	# 84
33) Bis(2-ethylhexyl)phthalate	21.17	149	452	0.37	ng	# 74

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010216\
Data File : BM003916.D
Acq On : 31 Dec 2015 16:16
Operator : SJ/UM
Sample : PB87602BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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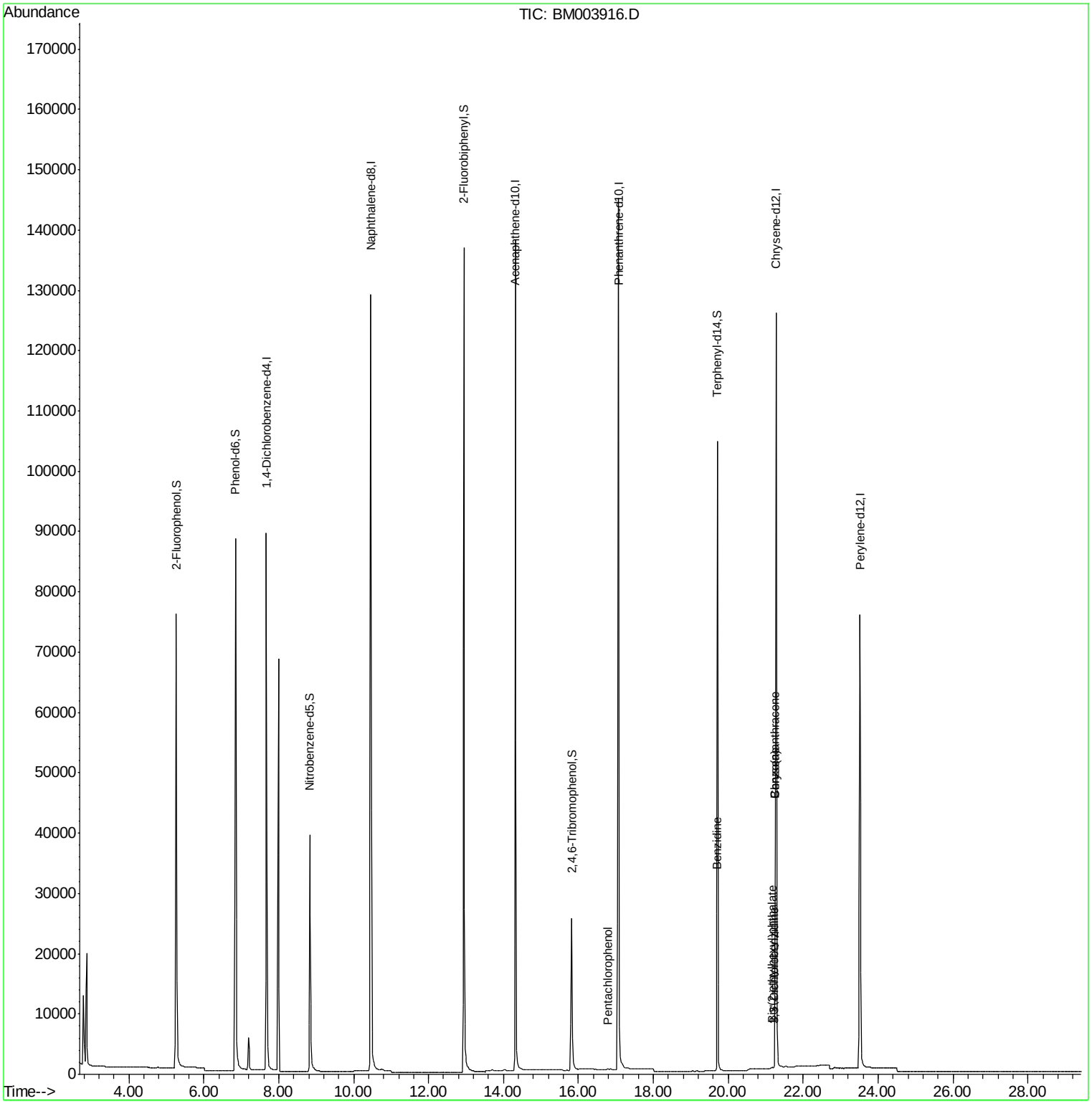
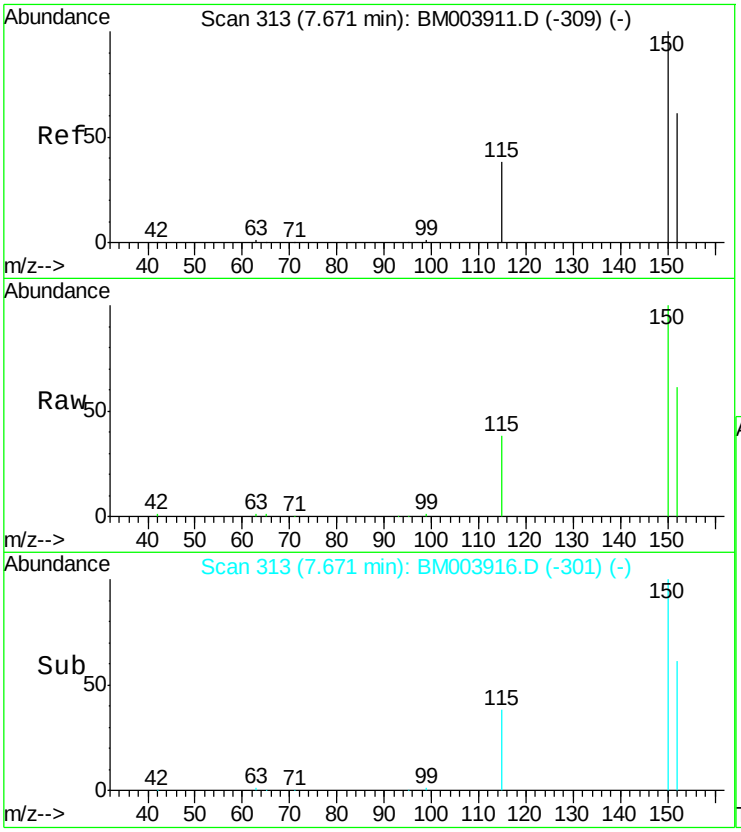
Quant Time: Jan 02 05:09:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:37:36 2015
Response via : Initial Calibration



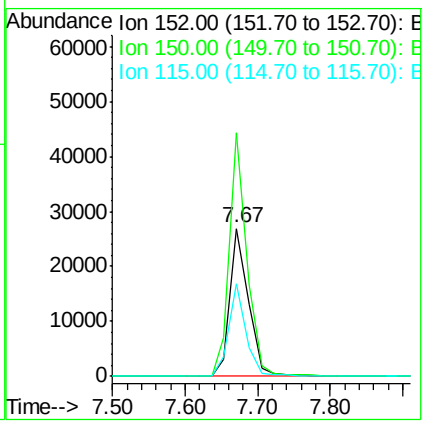


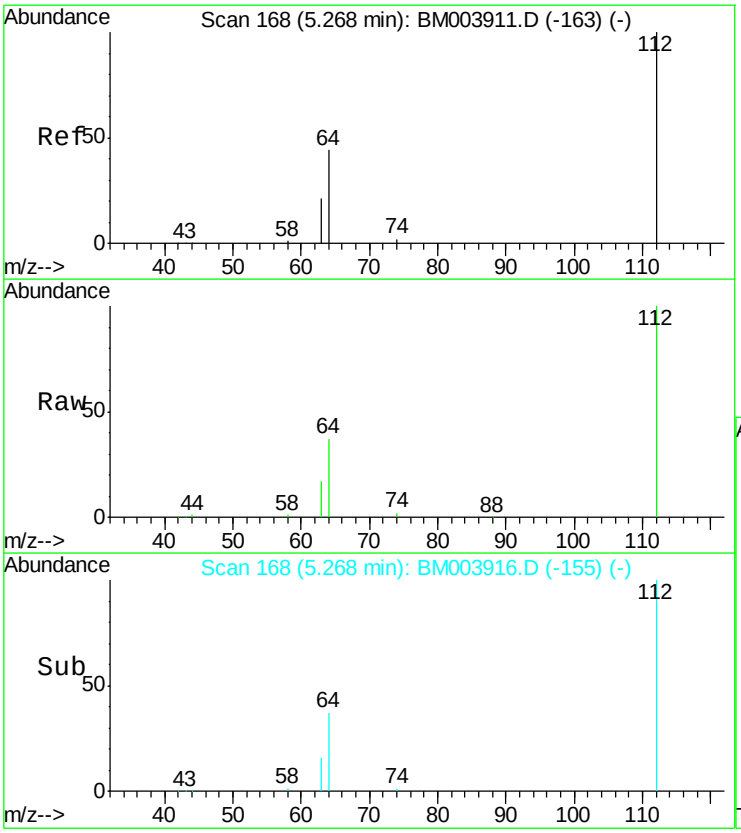
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB87602BL

Tgt Ion:152 Resp: 46812

Ion	Ratio	Lower	Upper
152	100		
150	164.7	122.9	184.3
115	62.7	44.4	66.6

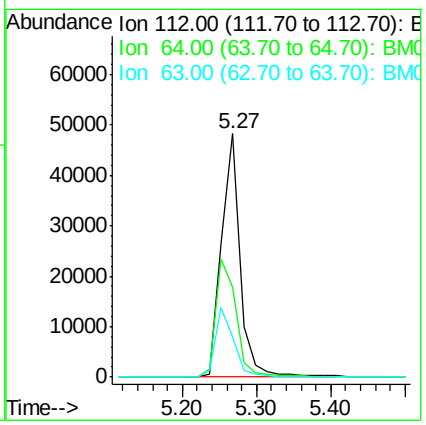


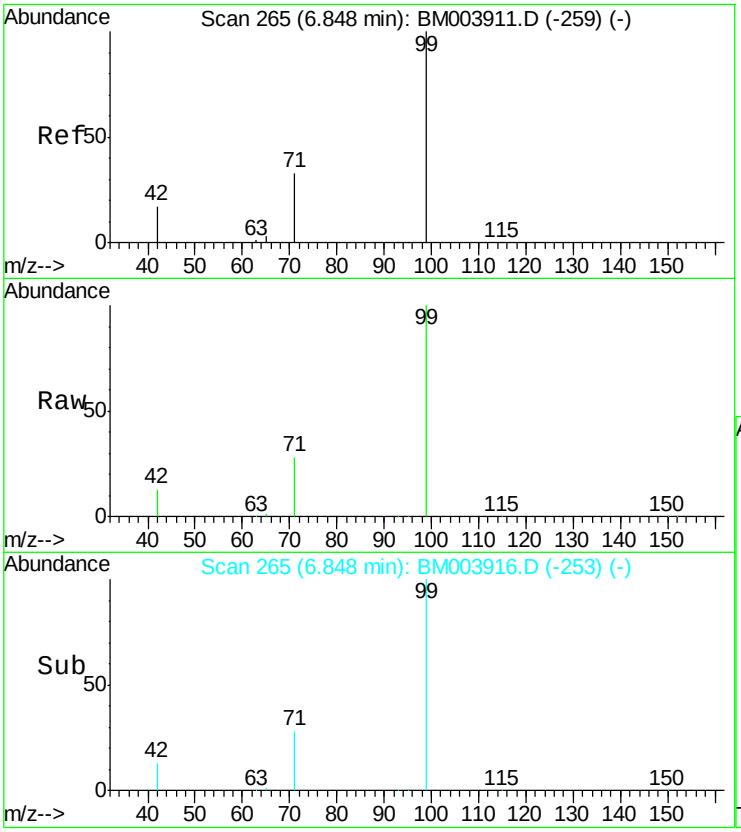


#4
2-Fluorophenol
Concen: 8.77 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Tgt Ion:112 Resp: 84023

Ion	Ratio	Lower	Upper
112	100		
64	52.9	41.8	62.8
63	27.9	22.1	33.1



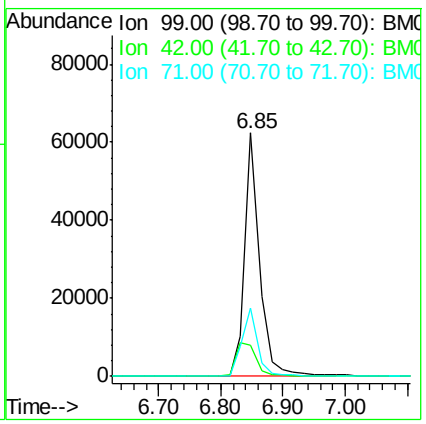


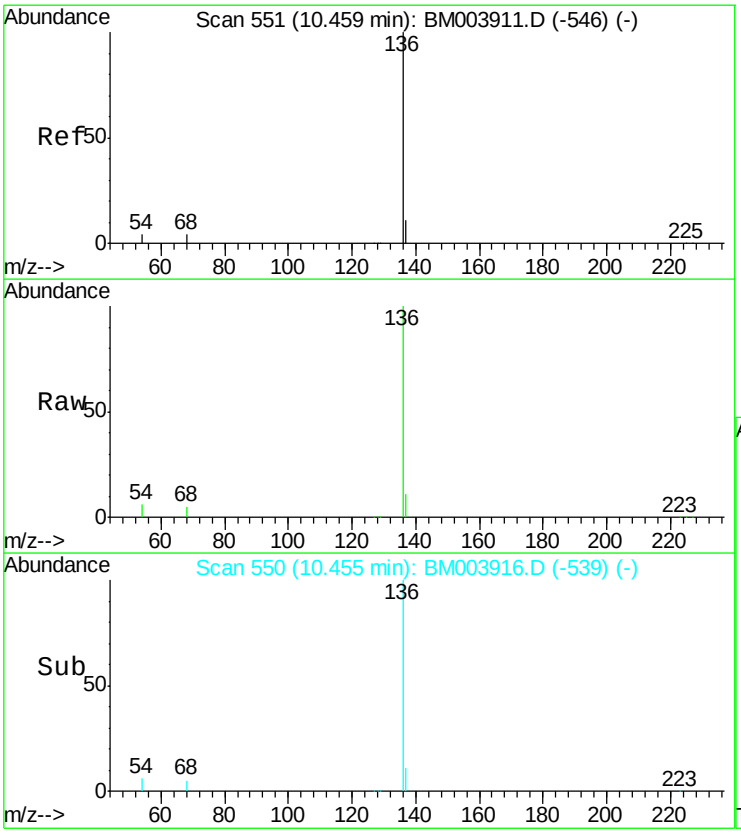
#5
Phenol-d6
Concen: 8.83 ng
RT: 6.85 min Scan# 265
Delta R.T. 0.00 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB87602BL

Tgt Ion: 99 Resp: 103617

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.2	24.2
71	30.1	24.4	36.6

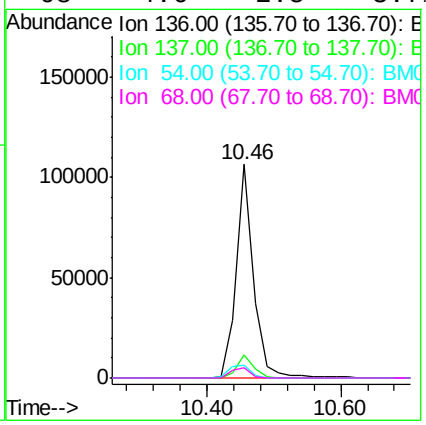


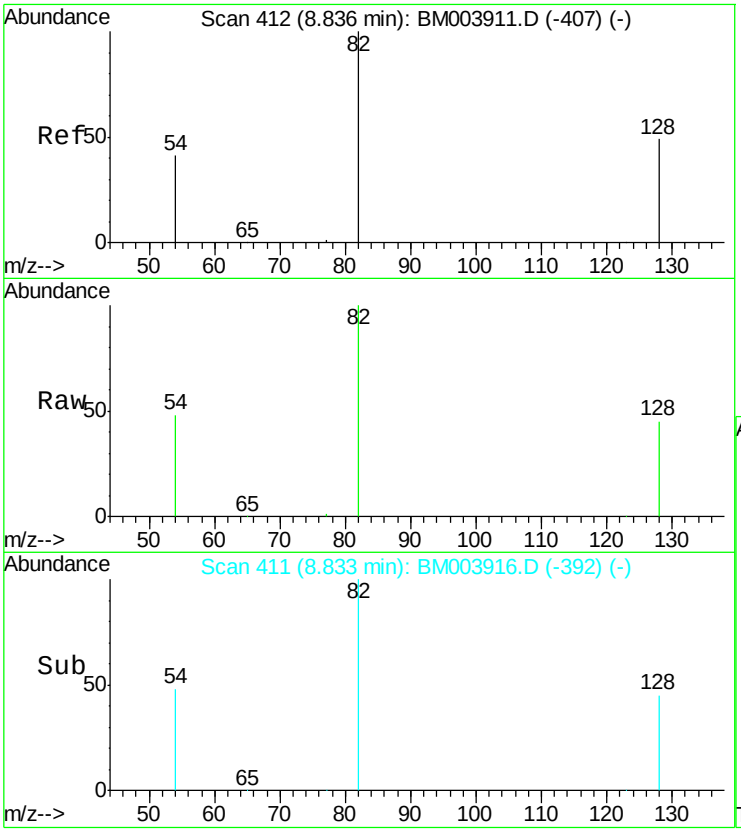


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Tgt Ion:136 Resp: 189407

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	5.9	2.8	4.2#
68	4.6	2.5	3.7#



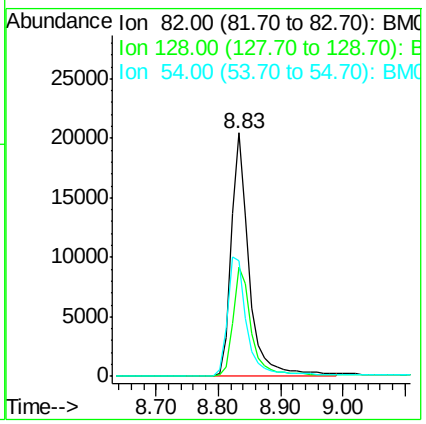


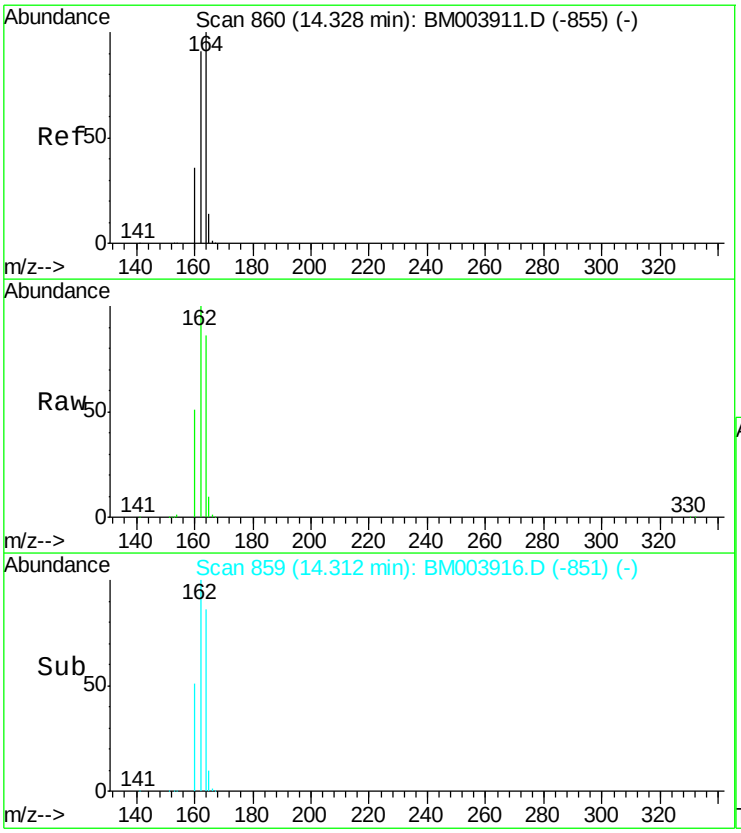
#8
Nitrobenzene-d5
Concen: 4.36 ng
RT: 8.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB87602BL

Tgt Ion: 82 Resp: 40623

Ion	Ratio	Lower	Upper
82	100		
128	44.7	39.1	58.7
54	47.7	34.8	52.2

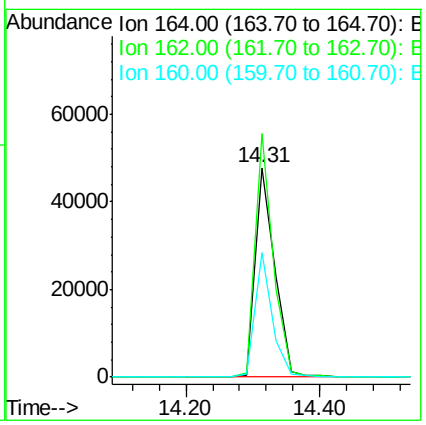


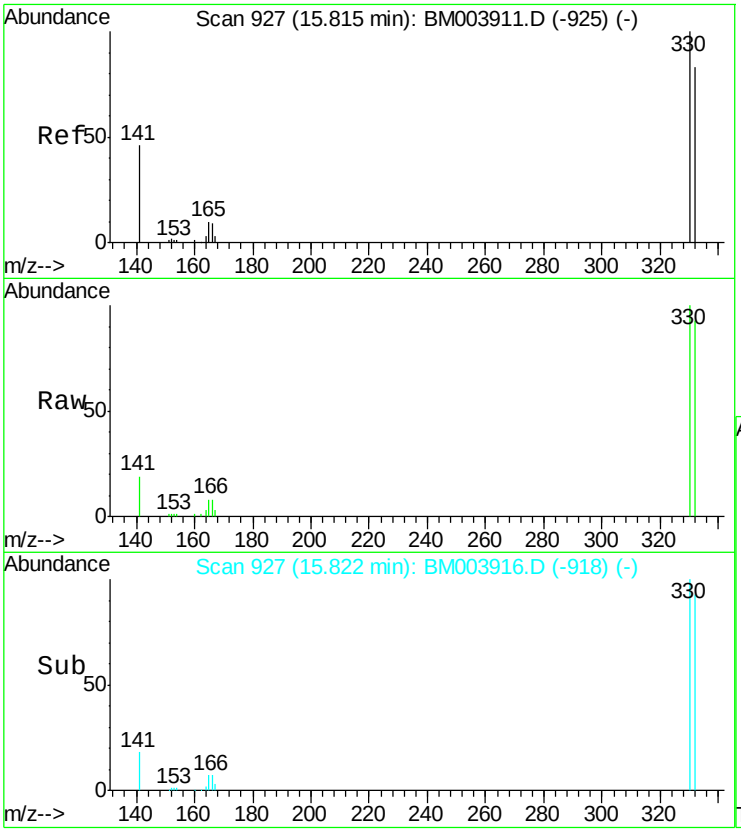


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.31 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Tgt Ion:164 Resp: 97165

Ion	Ratio	Lower	Upper
164	100		
162	116.4	86.0	129.0
160	59.7	40.3	60.5



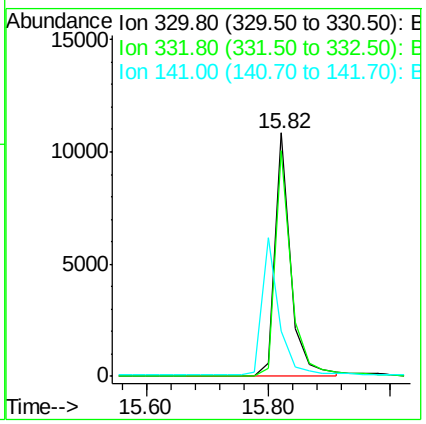


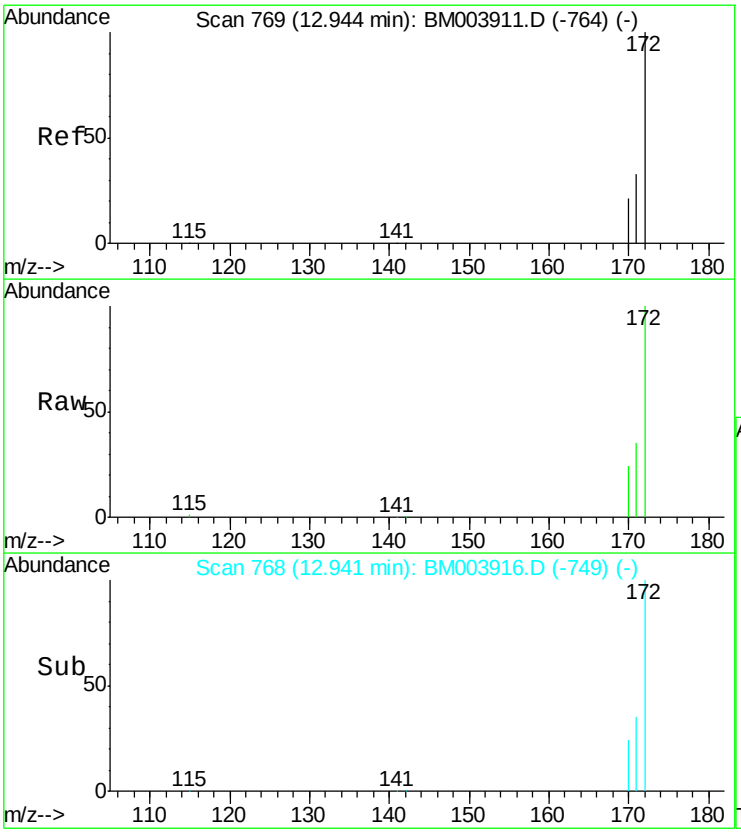
#14
2,4,6-Tribromophenol
Concen: 6.58 ng
RT: 15.82 min Scan# 927
Delta R.T. 0.01 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB87602BL

Tgt Ion:330 Resp: 19066

Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.0	118.4
141	0.0	0.0	0.0

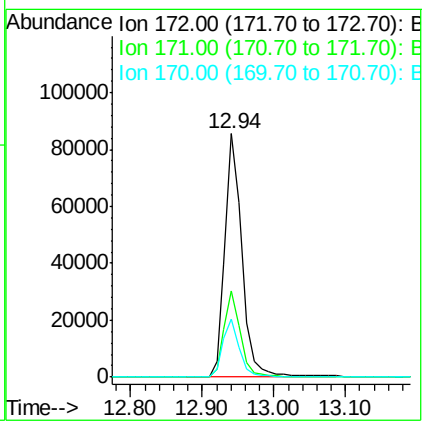


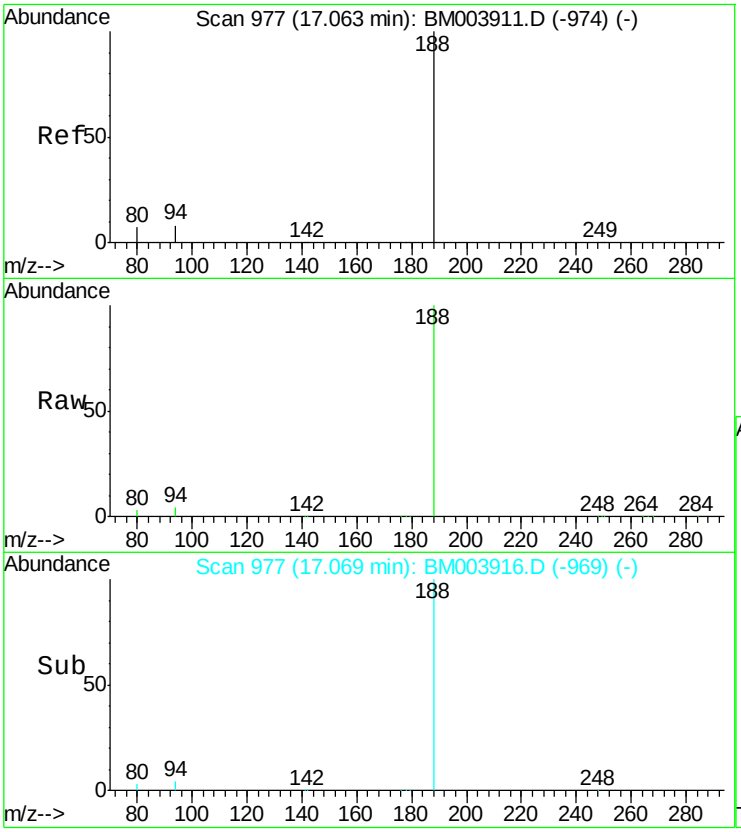


#15
2-Fluorobiphenyl
Concen: 4.53 ng
RT: 12.94 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Tgt Ion:172 Resp: 141975

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.0	40.6
170	24.0	17.9	26.9



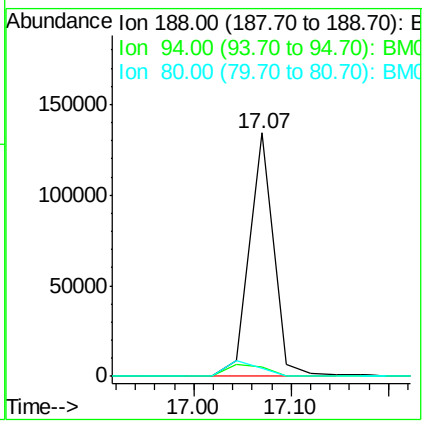


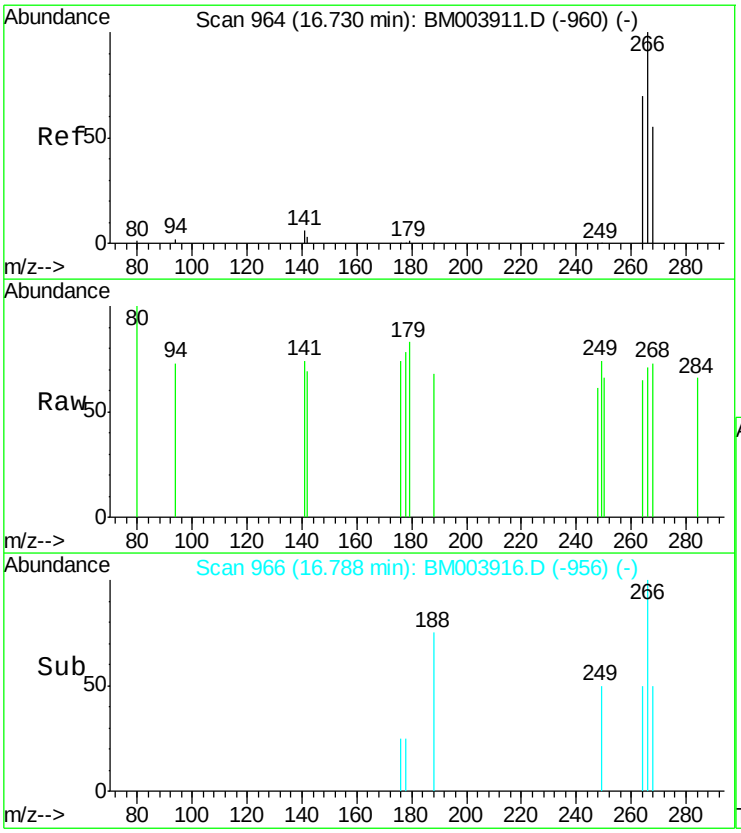
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.07 min Scan# 977
Delta R.T. 0.01 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB87602BL

Tgt Ion:188 Resp: 233069

Ion	Ratio	Lower	Upper
188	100		
94	3.9	20.3	30.5#
80	3.4	22.2	33.4#

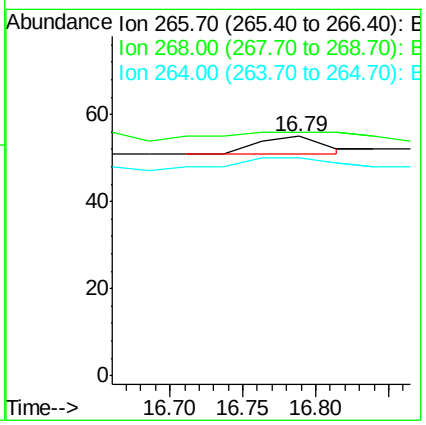


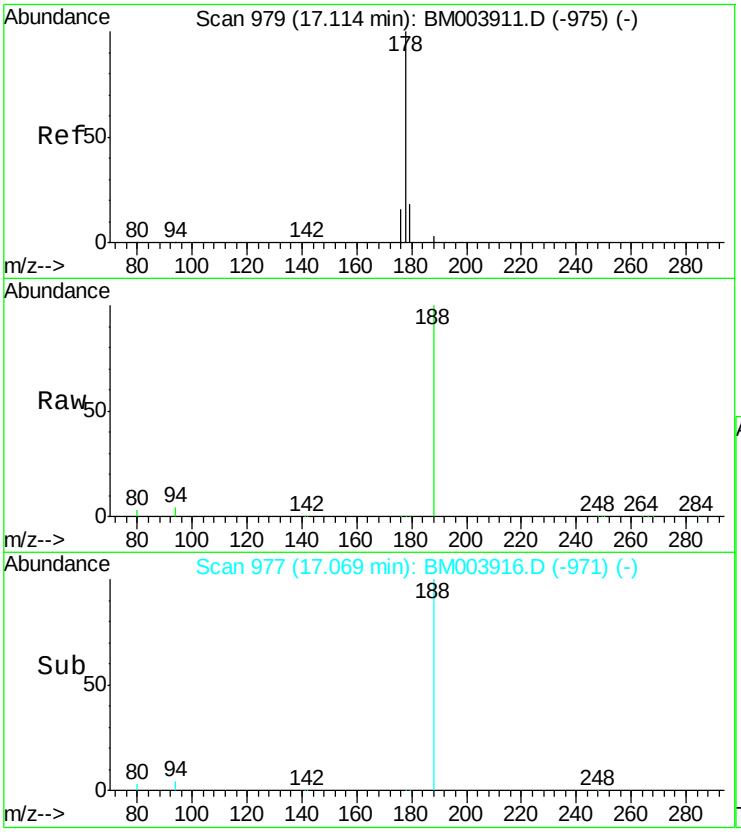


#22
Pentachlorophenol
Concen: 0.12 ng
RT: 16.79 min Scan# 966
Delta R.T. 0.06 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
268	101.8	62.7	94.1#
264	90.9	45.7	68.5#



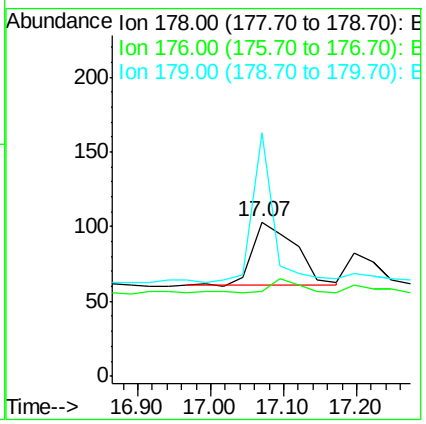


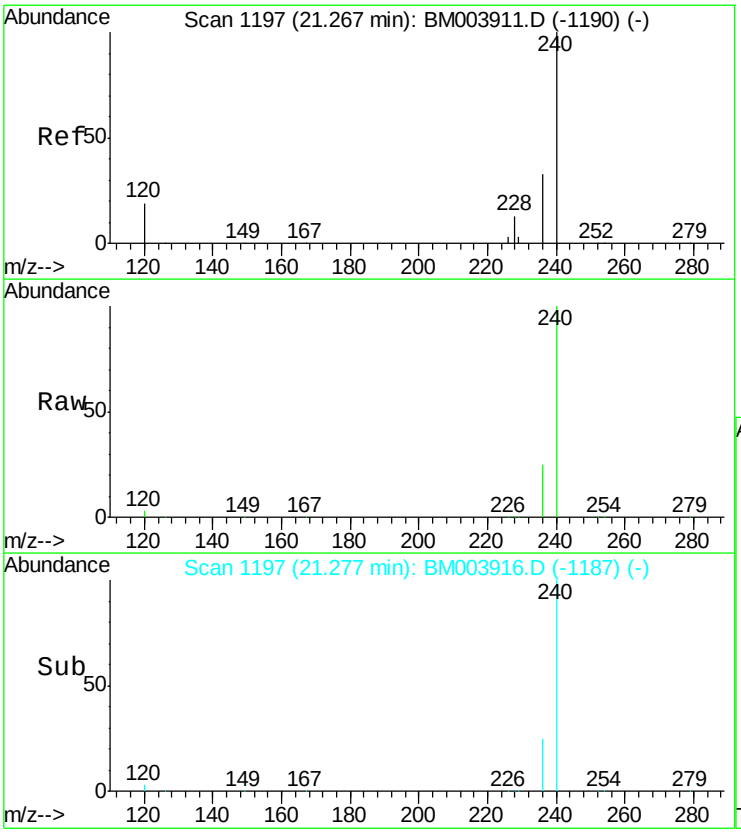
#23
Phenanthrene
Concen: Below Cal
RT: 17.07 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB87602BL

Tgt Ion:178 Resp: 172

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	114.0	12.2	18.4#

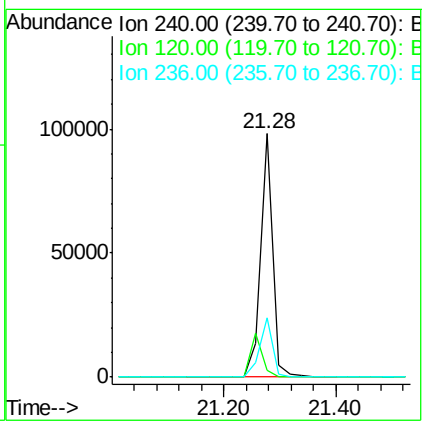


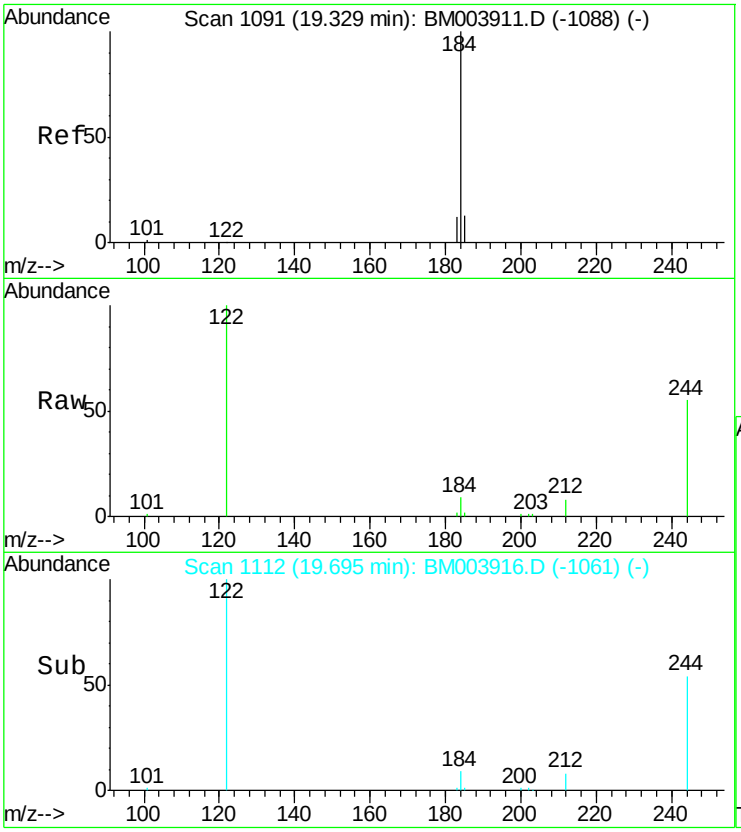


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Tgt Ion:240 Resp: 146598

Ion	Ratio	Lower	Upper
240	100		
120	2.7	0.9	1.3#
236	24.6	17.3	25.9



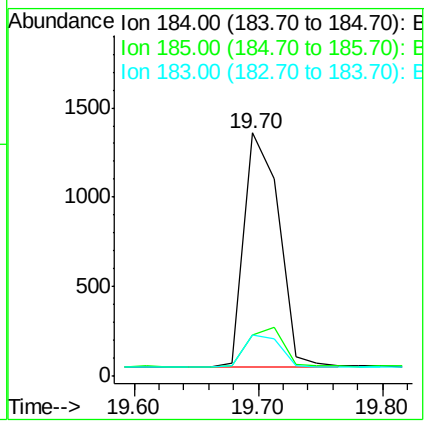


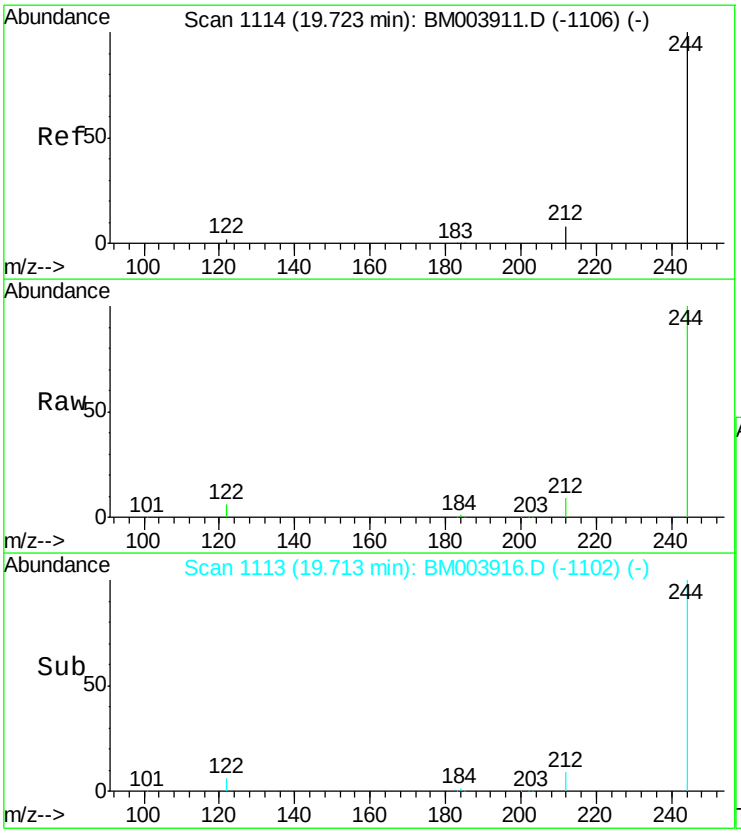
#27
Benzidine
Concen: 0.34 ng
RT: 19.70 min Scan# 1112
Delta R.T. 0.37 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB87602BL

Tgt Ion:184 Resp: 2530

Ion	Ratio	Lower	Upper
184	100		
185	17.1	13.2	19.8
183	17.1	9.0	13.6#

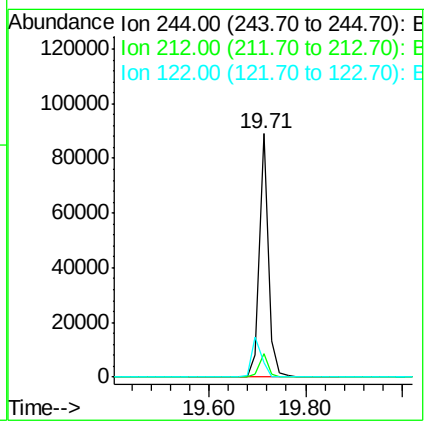


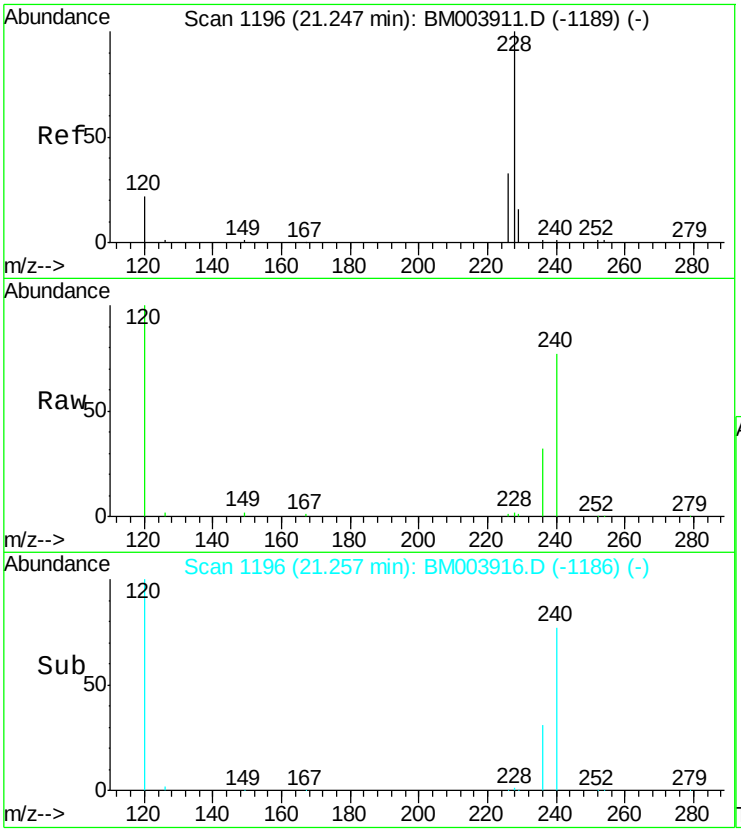


#29
Terphenyl-d14
Concen: 4.90 ng
RT: 19.71 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Tgt Ion:244 Resp: 116252

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	5.8	3.0	4.6#



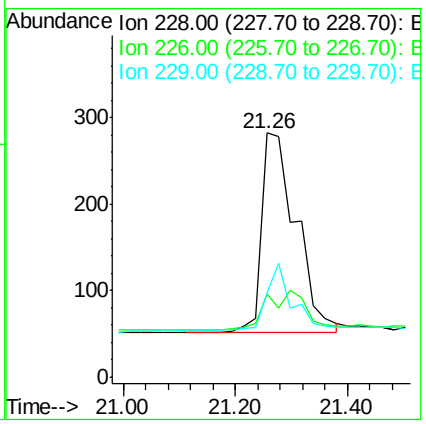


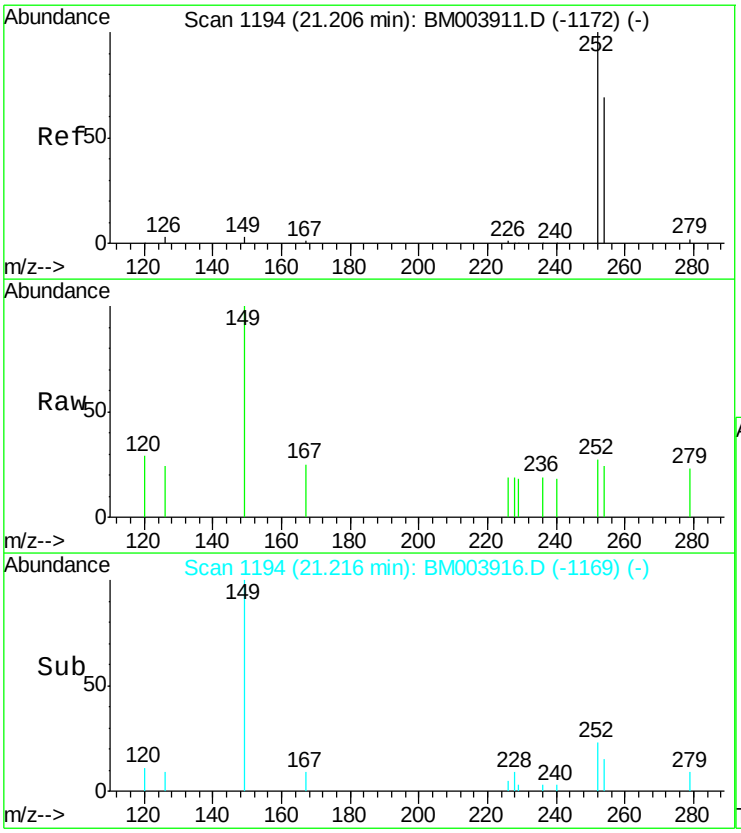
#30
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.26 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB87602BL

Tgt Ion:228 Resp: 988

Ion	Ratio	Lower	Upper
228	100		
226	34.0	17.2	25.8#
229	34.4	18.7	28.1#

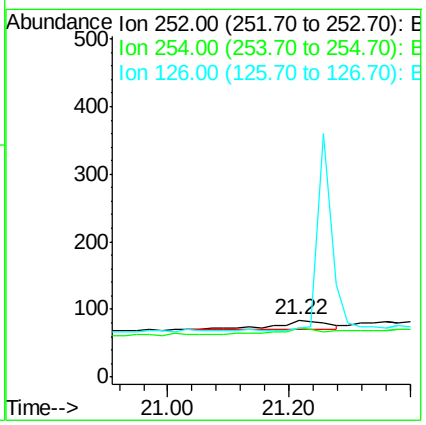


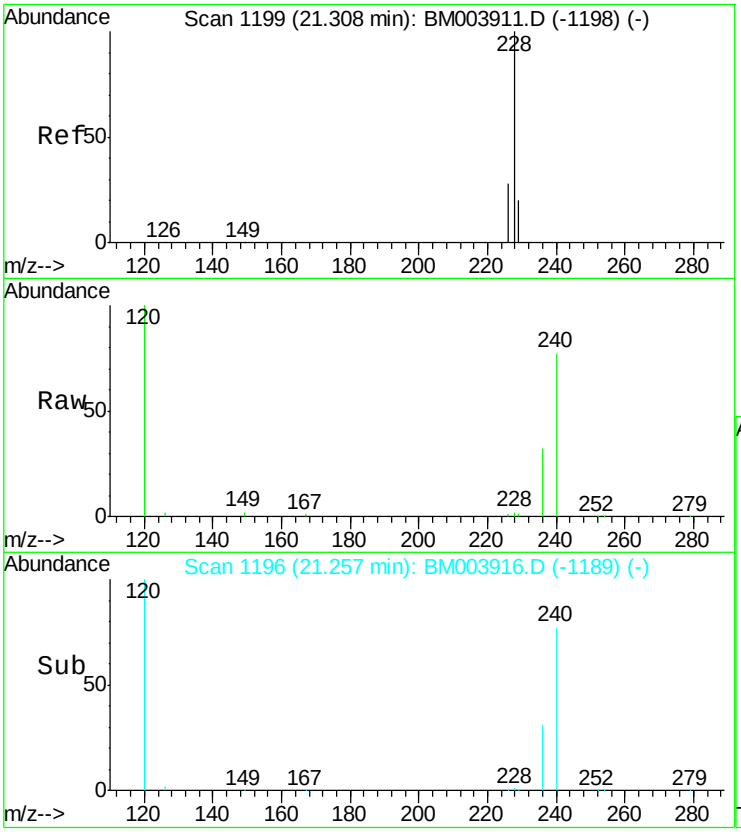


#31
3,3'-Dichlorobenzidine
Concen: 0.24 ng
RT: 21.22 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Tgt Ion:252 Resp: 81

Ion	Ratio	Lower	Upper
252	100		
254	85.7	52.6	79.0#
126	85.7	3.7	5.5#



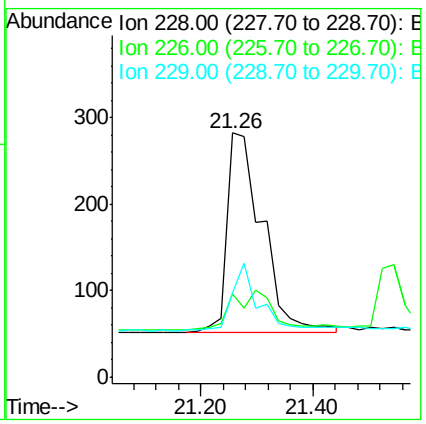


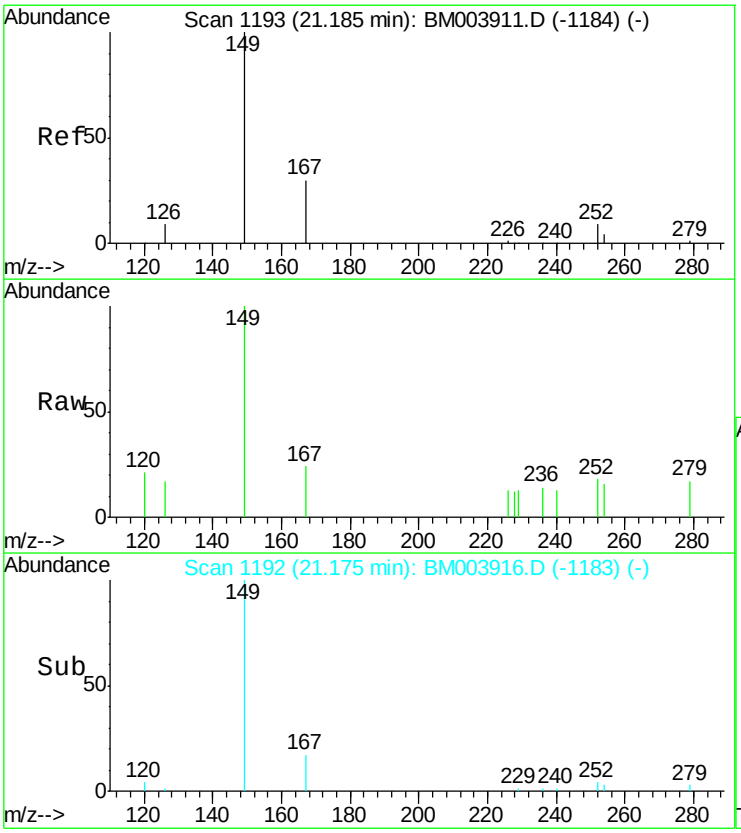
#32
Chrysene
Concen: 0.02 ng
RT: 21.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB87602BL

Tgt Ion:228 Resp: 1013

Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.3	37.9
229	34.4	14.5	21.7#

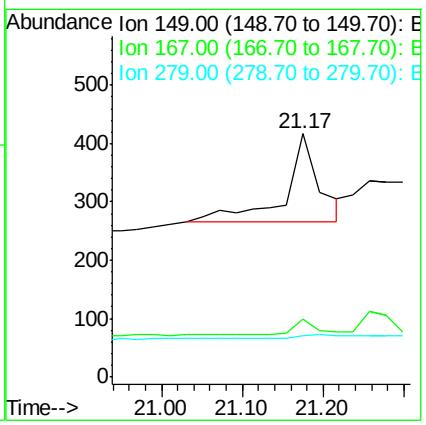


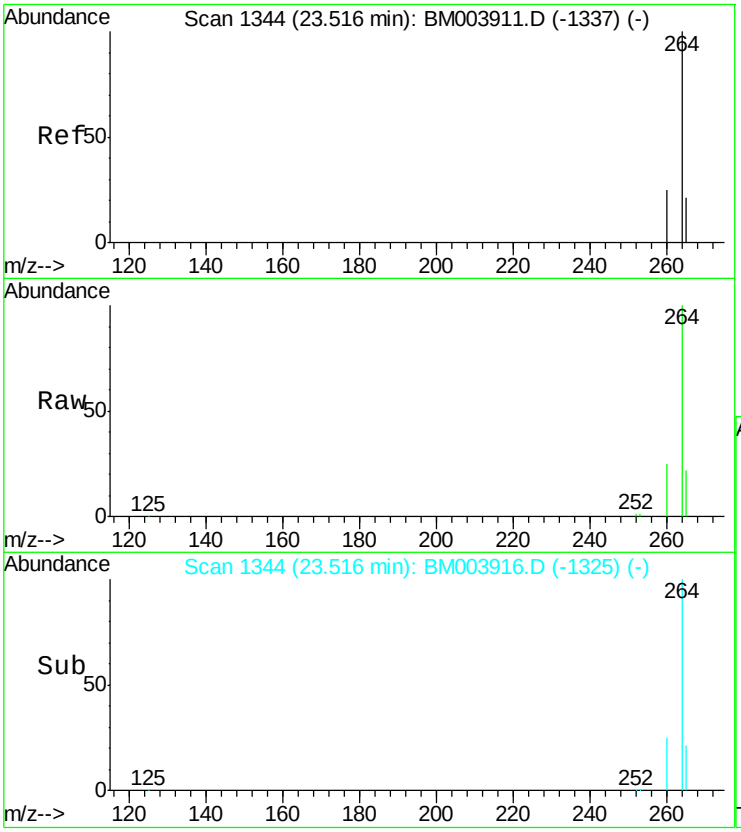


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.17 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Tgt Ion:149 Resp: 452

Ion	Ratio	Lower	Upper
149	100		
167	12.2	20.1	30.1#
279	0.0	0.0	0.0





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM003916.D
Acq: 31 Dec 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB87602BL

Tgt Ion:264 Resp: 104135

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.2	31.8
265	22.3	16.7	25.1