Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013016\
Data File : BM004155.D
Acq On : 29 Jan 2016 20:25
Operator : SJ/IZ
Sample : H1281-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EB-2016-01-27

Quant Time: Jan 29 22:15:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM012216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 14:46:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	15134	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	66391	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	40772	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	118849	5.00	ng	0.00
26) Chrysene-d12	21.27	240	128576	5.00	ng	0.00
35) Perylene-d12	23.51	264	132250	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	8287	2.62	ng	-0.02
5) Phenol-d6	6.85	99	6208	1.63	ng	0.00
8) Nitrobenzene-d5	8.83	82	11503	3.95	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	10699	6.73	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	46736	3.74	ng	0.00
29) Terphenyl-d14	19.71	244	71638	4.38	ng	0.00
Target Compounds						Qvalue
9) Nitrobenzene	8.83	77	65	0.23	ng	# 41
22) Pentachlorophenol	16.76	266	12	0.23	ng	# 60
23) Phenanthrene	17.09	178	501	Below Cal		# 83
27) Benzidine	19.71	184	1623	0.39	ng	# 73
28) Pyrene	19.50	202	272	Below Cal		# 83
30) Benzo(a)anthracene	21.27	228	701	Below Cal		# 74
32) Chrysene	21.27	228	690	Below Cal		# 76
33) Bis(2-ethylhexyl)phthalate	21.19	149	3717	0.34	ng	# 95
34) Indeno(1,2,3-cd)pyrene	25.78	276	166	0.03	ng	97

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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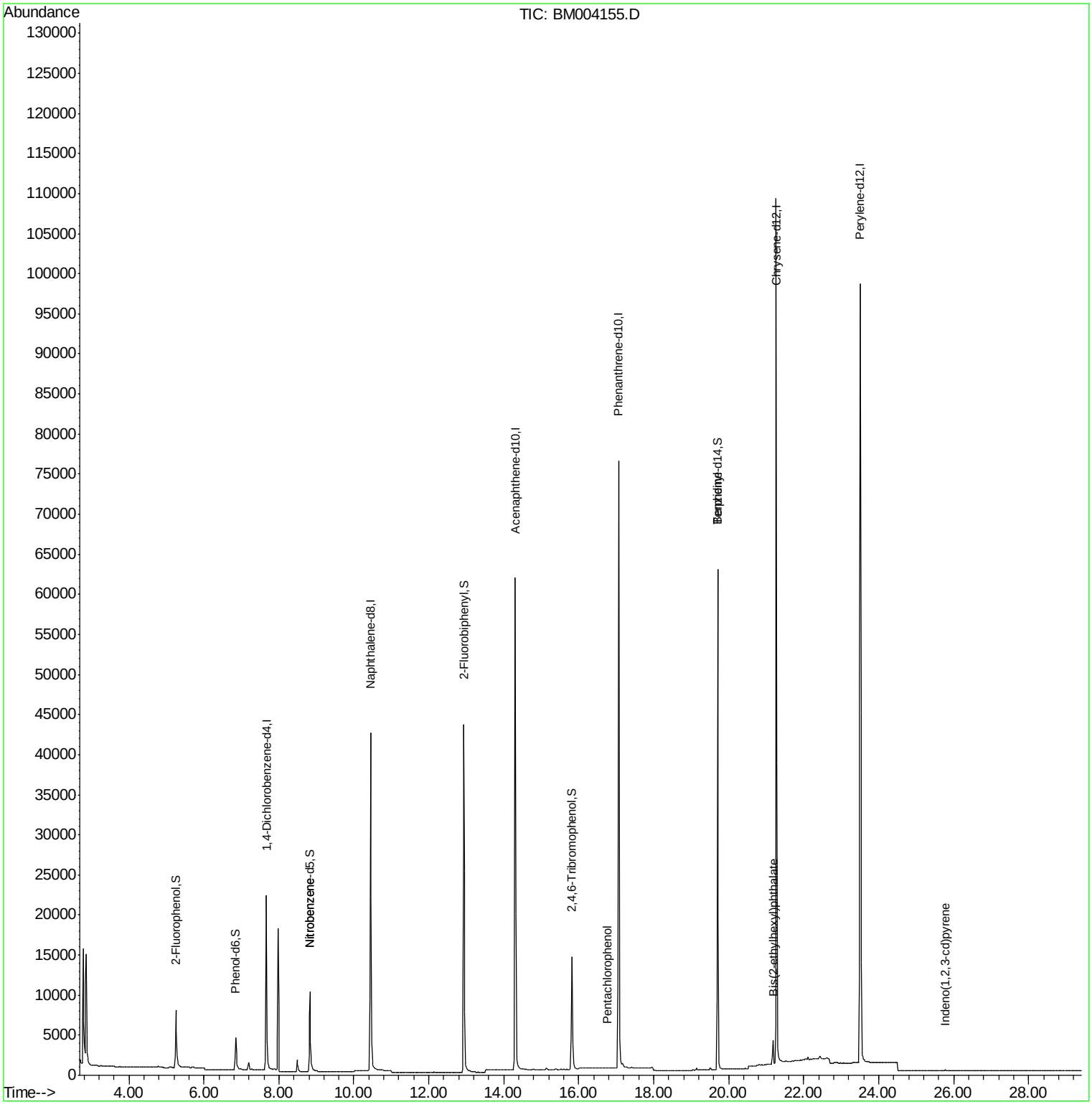
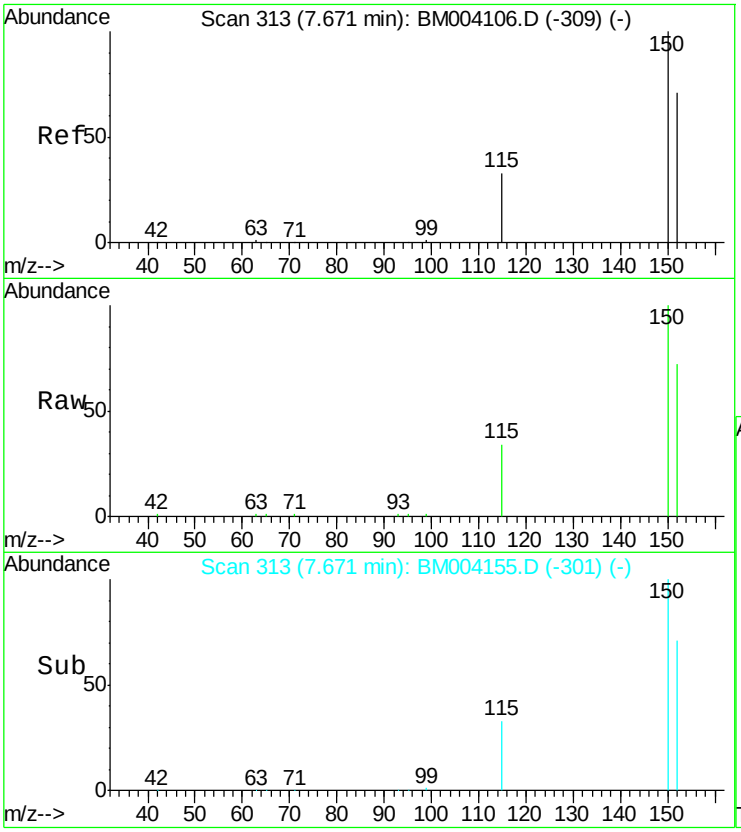


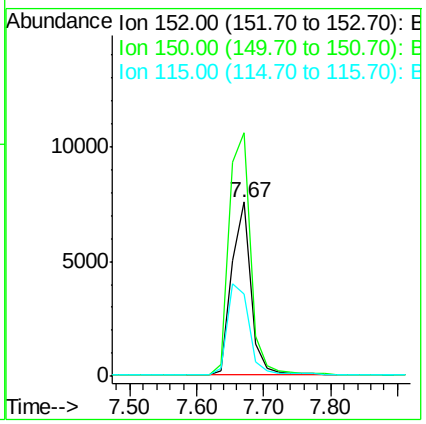


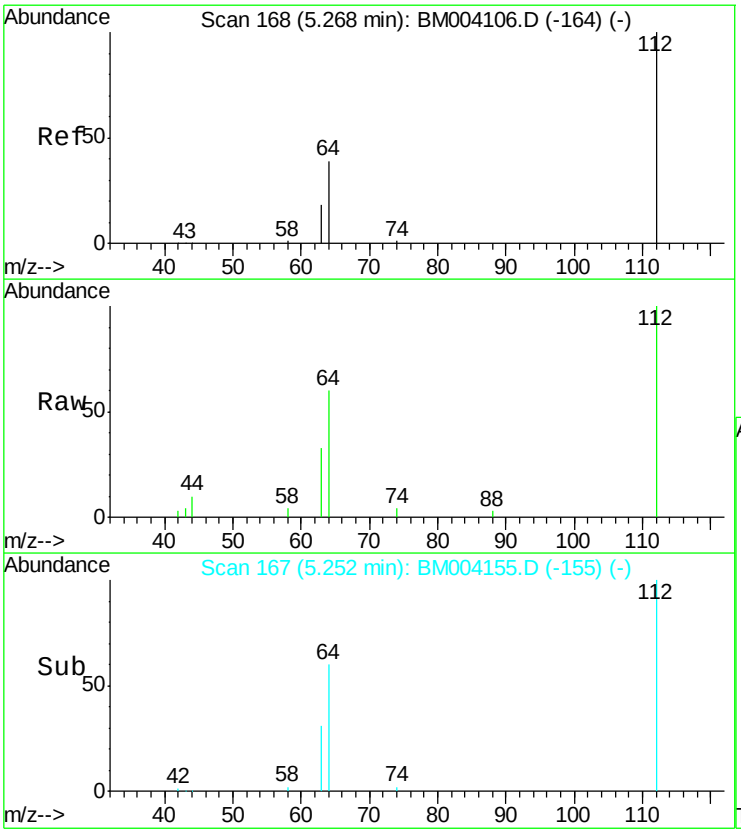
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Instrument :
BNA_M
ClientSampleId :
EB-2016-01-27

Tgt Ion:152 Resp: 15134

Ion	Ratio	Lower	Upper
152	100		
150	139.8	122.9	184.3
115	47.5	44.4	66.6

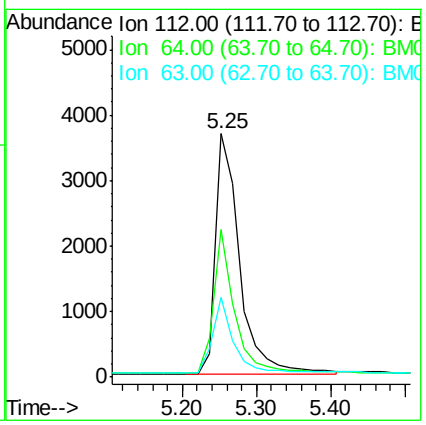


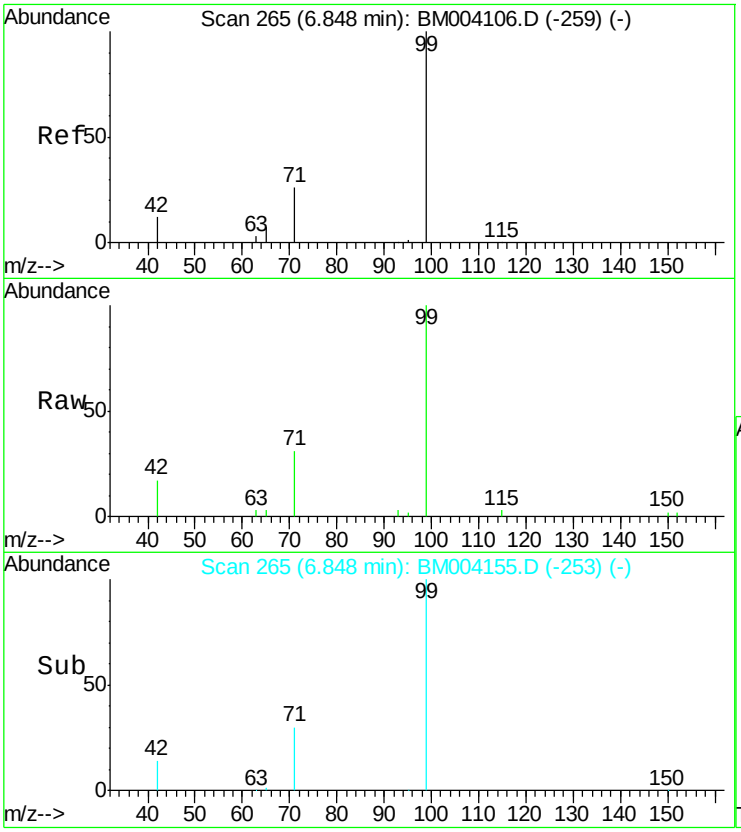


#4
2-Fluorophenol
Concen: 2.62 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.02 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Tgt Ion:112 Resp: 8287

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.8	62.8
63	27.6	22.1	33.1



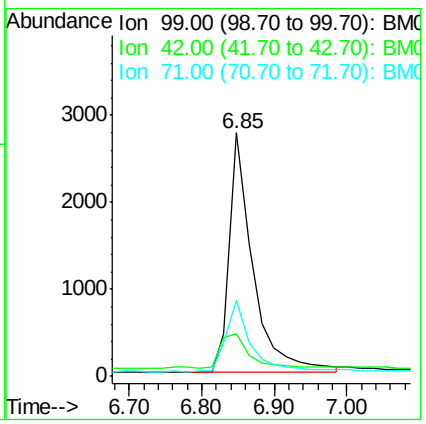


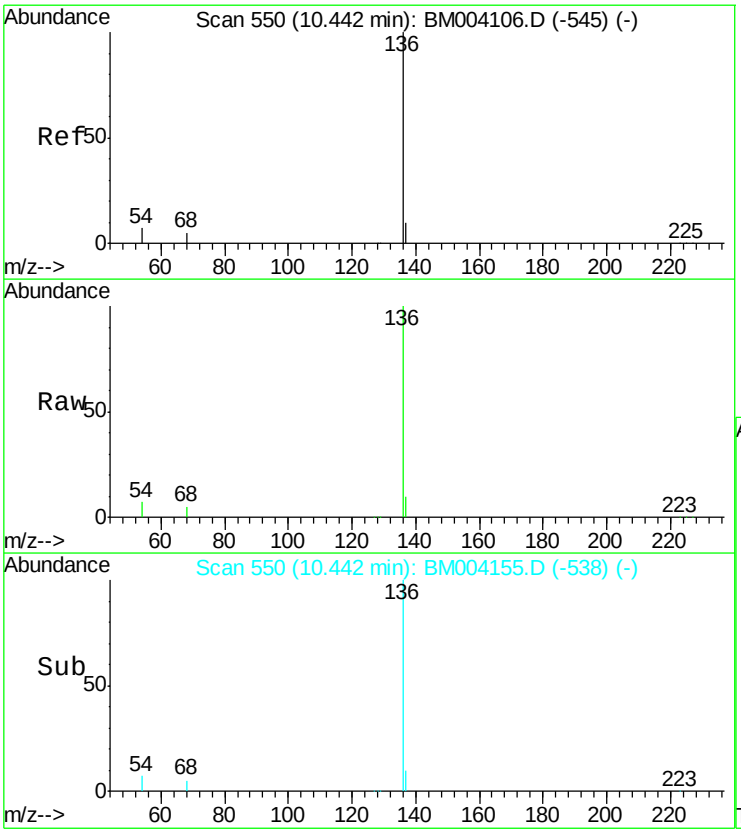
#5
Phenol-d6
Concen: 1.63 ng
RT: 6.85 min Scan# 265
Delta R.T. -0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Instrument :
BNA_M
ClientSampleId :
EB-2016-01-27

Tgt Ion: 99 Resp: 6208

Ion	Ratio	Lower	Upper
99	100		
42	17.9	16.2	24.2
71	30.7	24.4	36.6

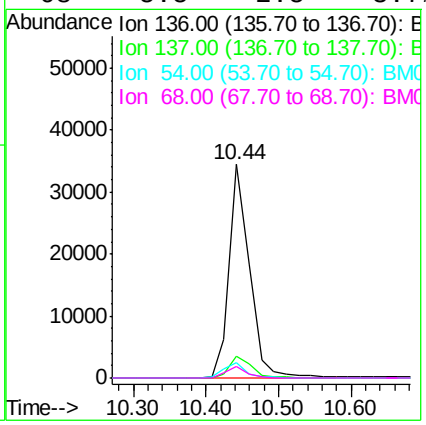


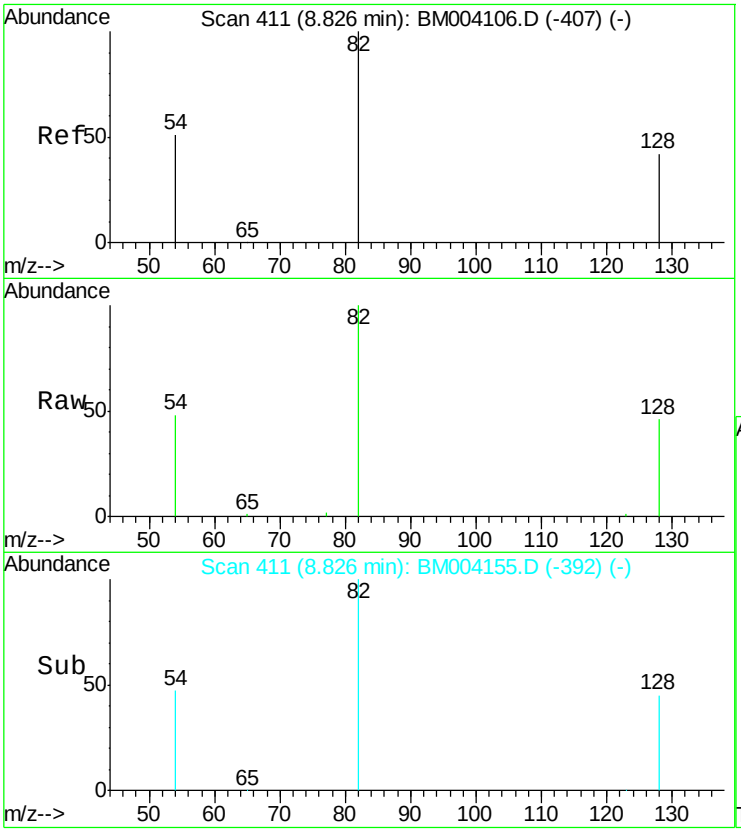


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Tgt Ion:136 Resp: 66391

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	7.2	2.8	4.2#
68	5.5	2.5	3.7#



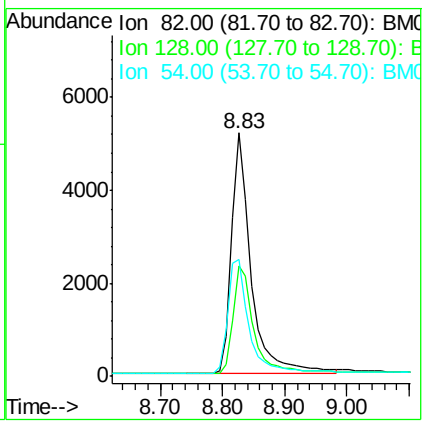


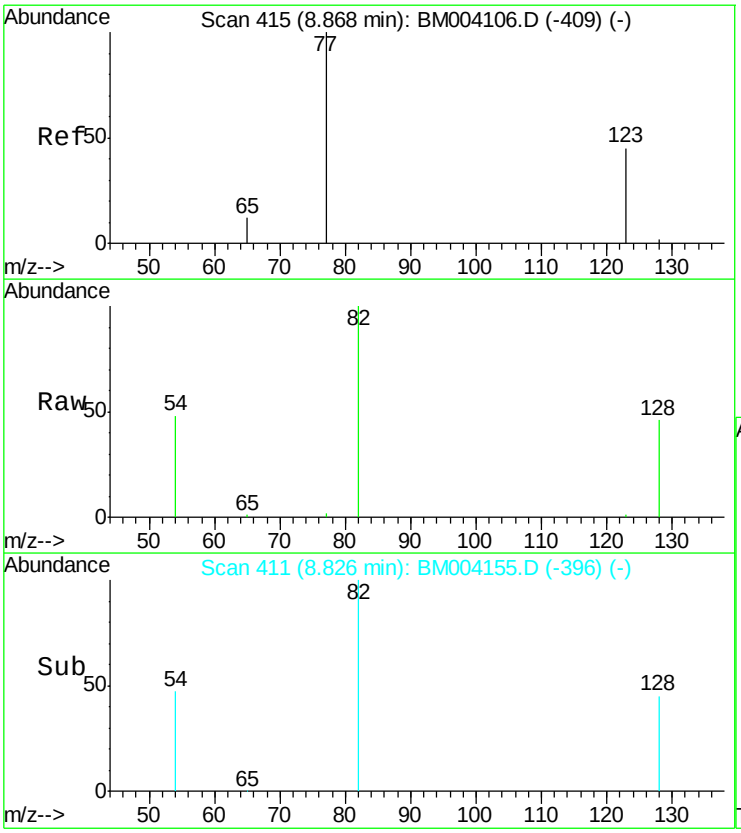
#8
Nitrobenzene-d5
Concen: 3.95 ng
RT: 8.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Instrument :
BNA_M
ClientSampleId :
EB-2016-01-27

Tgt Ion: 82 Resp: 11503

Ion	Ratio	Lower	Upper
82	100		
128	45.6	39.1	58.7
54	48.0	34.8	52.2

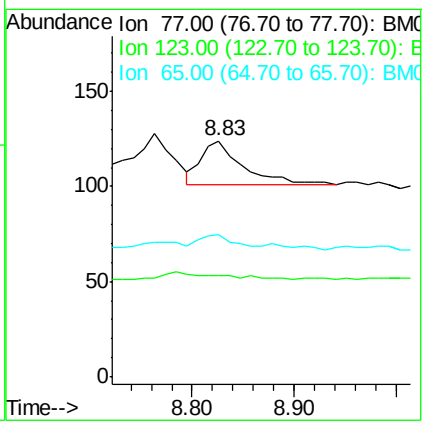


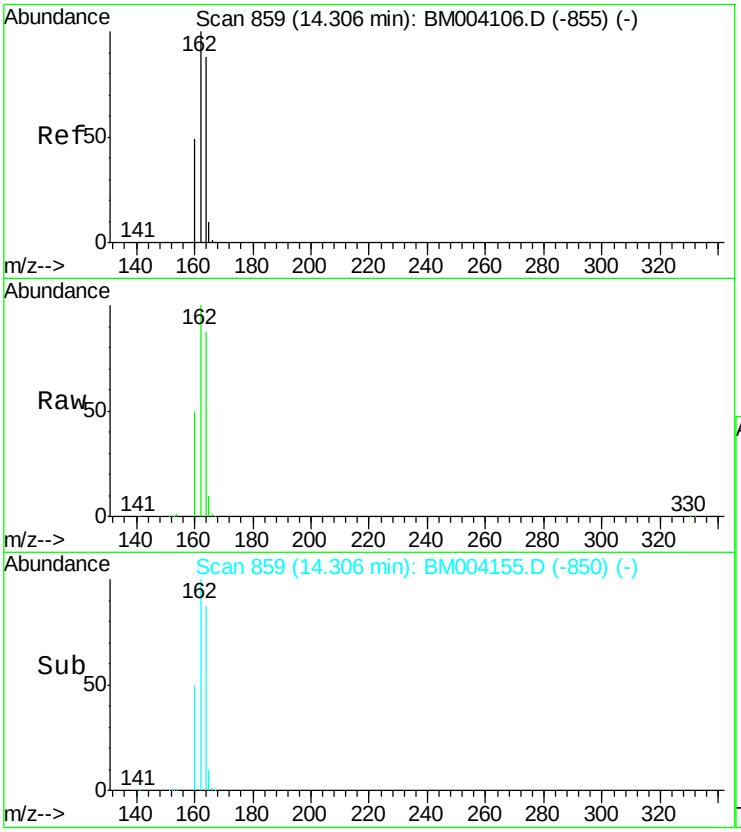


#9
Nitrobenzene
Concen: 0.23 ng
RT: 8.83 min Scan# 411
Delta R.T. -0.04 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Tgt Ion: 77 Resp: 65

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.6	57.8#
65	16.9	9.9	14.9#



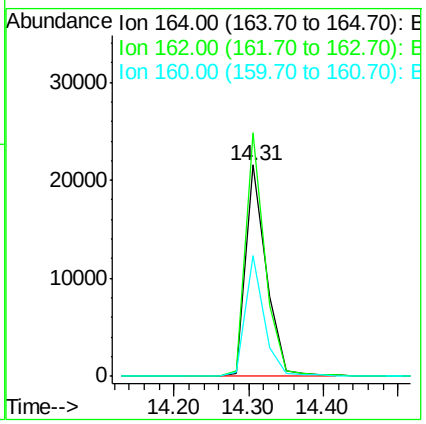


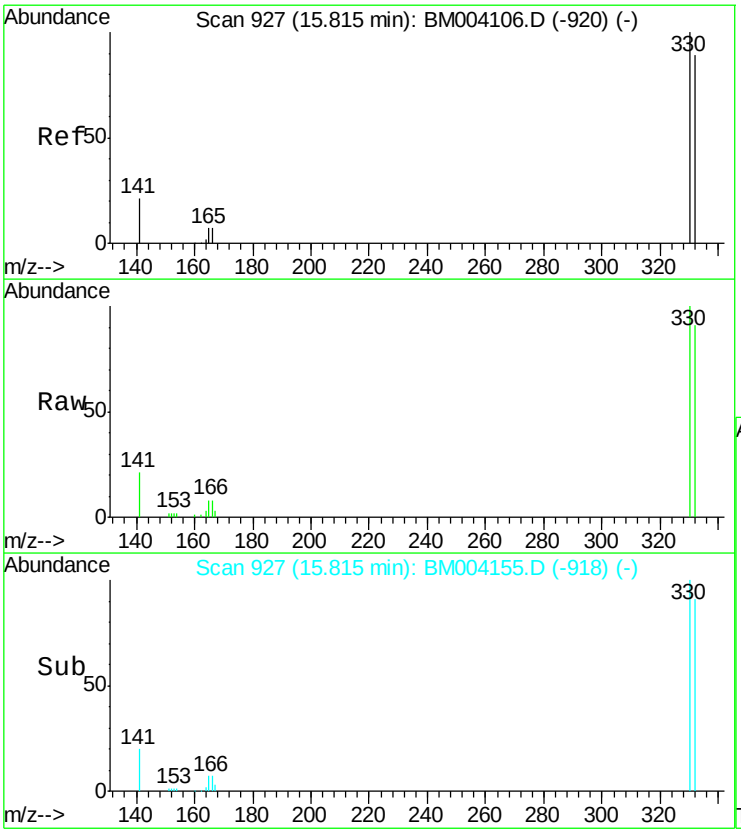
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.31 min Scan# 859
Delta R.T. -0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Instrument :
BNA_M
ClientSampleId :
EB-2016-01-27

Tgt Ion:164 Resp: 40772

Ion	Ratio	Lower	Upper
164	100		
162	115.4	86.0	129.0
160	57.5	40.3	60.5

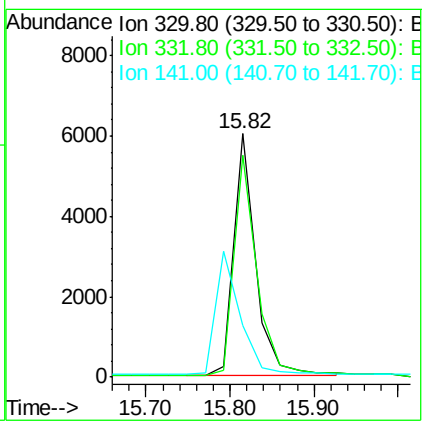


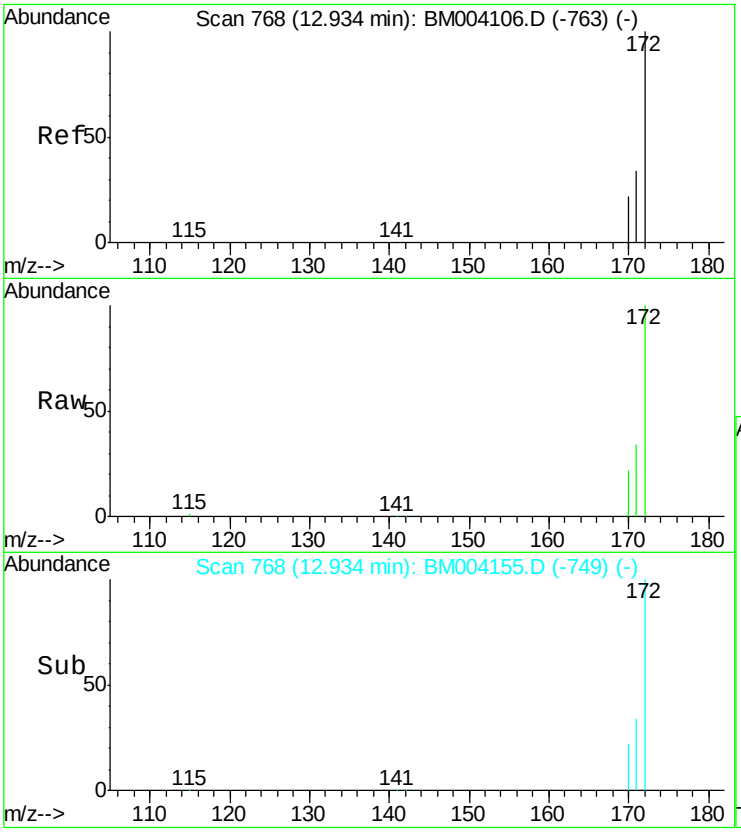


#14
2,4,6-Tribromophenol
Concen: 6.73 ng
RT: 15.82 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Tgt Ion:330 Resp: 10699

Ion	Ratio	Lower	Upper
330	100		
332	95.0	79.0	118.4
141	0.0	27.8	41.6#



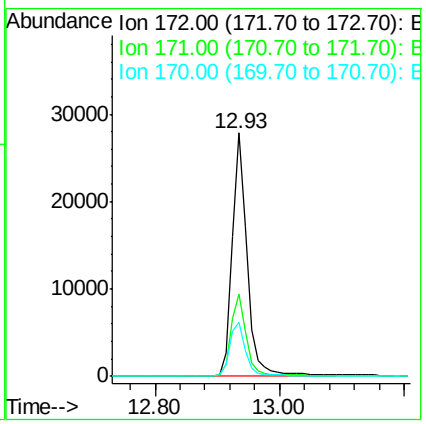


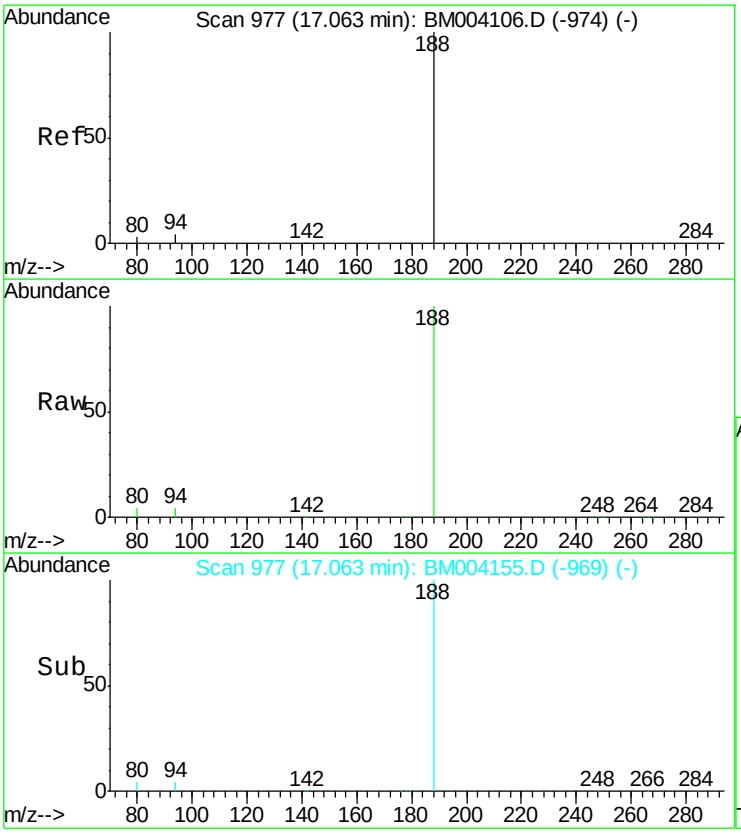
#15
2-Fluorobiphenyl
Concen: 3.74 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Instrument :
BNA_M
ClientSampleId :
EB-2016-01-27

Tgt Ion:172 Resp: 46736

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.0	40.6
170	22.1	17.9	26.9

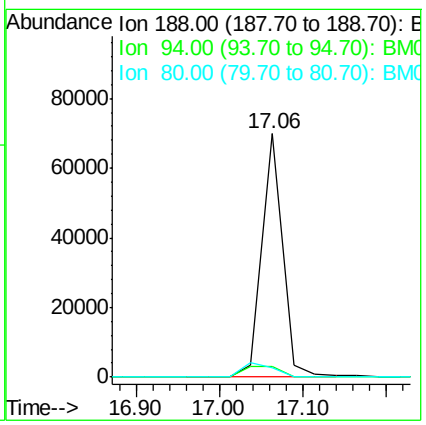


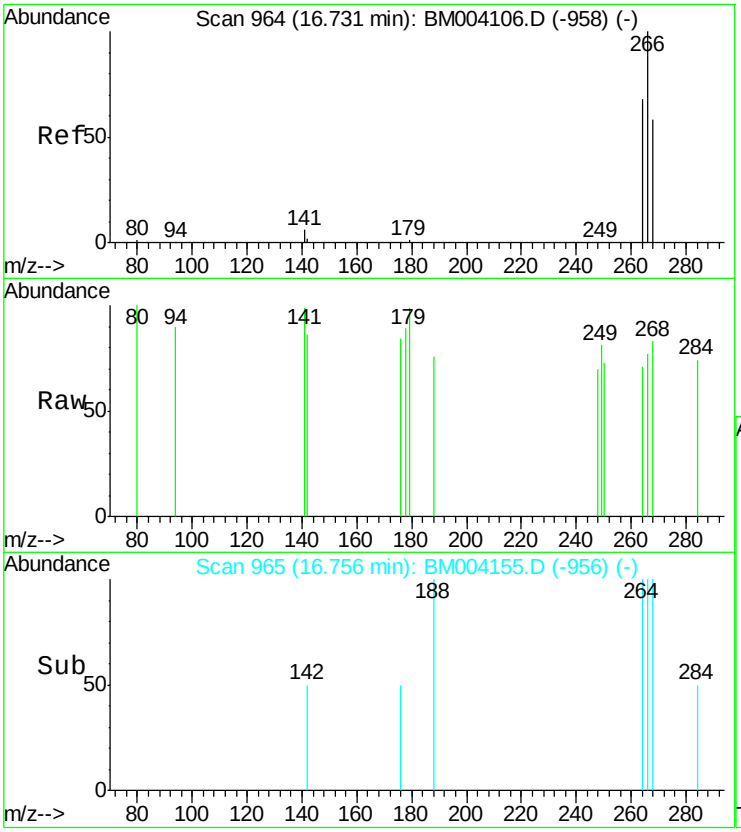


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Tgt Ion:188 Resp: 118849

Ion	Ratio	Lower	Upper
188	100		
94	4.5	20.3	30.5#
80	3.9	22.2	33.4#



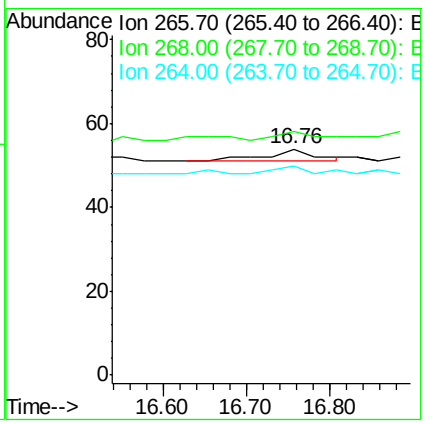


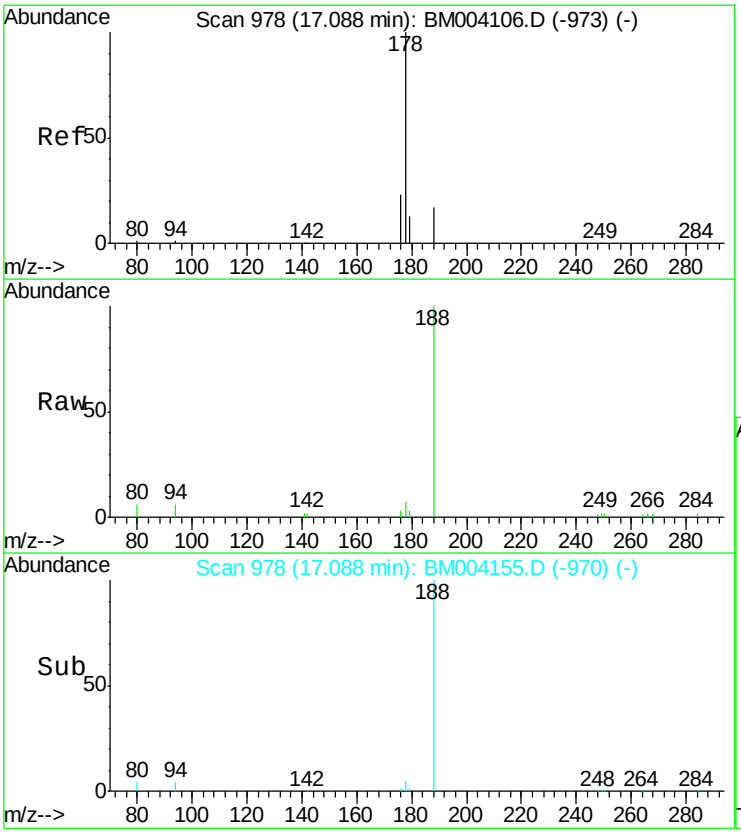
#22
Pentachlorophenol
Concen: 0.23 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.03 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Instrument :
BNA_M
ClientSampleId :
EB-2016-01-27

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
268	107.4	62.7	94.1#
264	92.6	45.7	68.5#

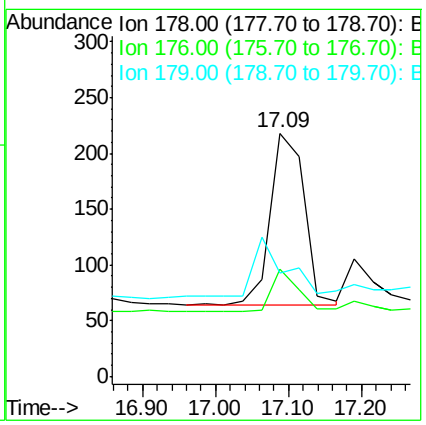


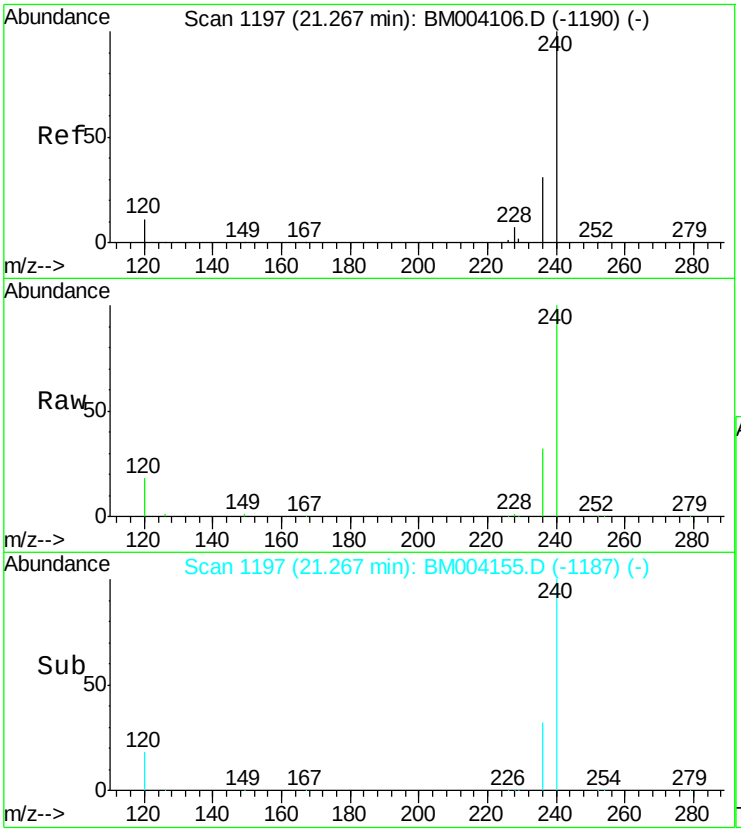


#23
Phenanthrene
Concen: Below Cal
RT: 17.09 min Scan# 978
Delta R.T. 0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Tgt Ion:178 Resp: 501

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.0
179	0.0	12.2	18.4#



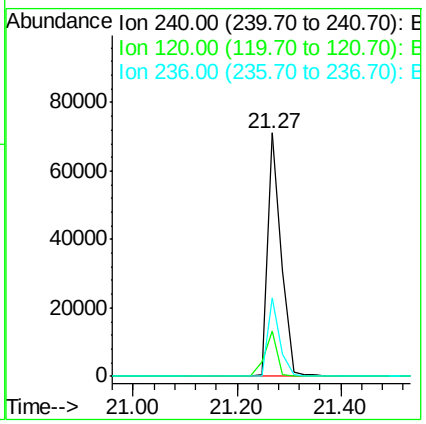


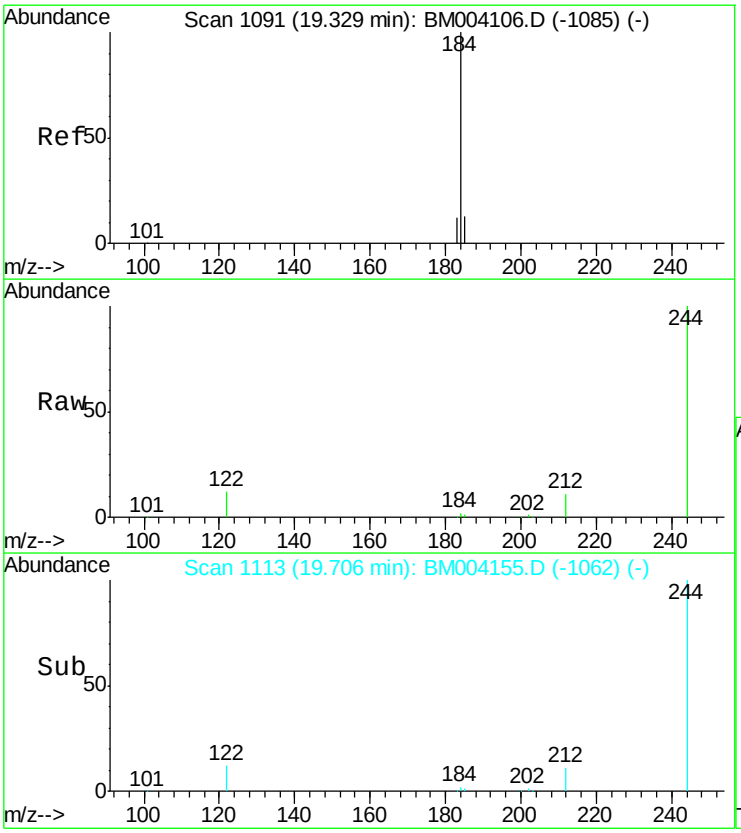
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Instrument :
BNA_M
ClientSampleId :
EB-2016-01-27

Tgt Ion:240 Resp: 128576

Ion	Ratio	Lower	Upper
240	100		
120	18.5	0.9	1.3#
236	32.4	17.3	25.9#

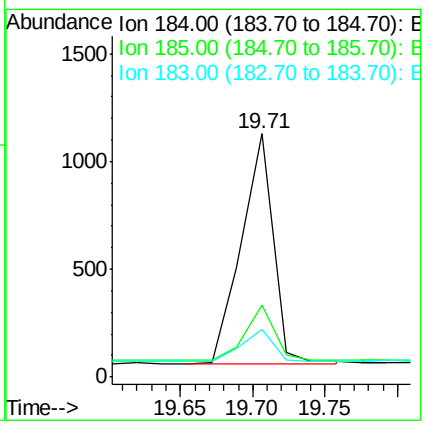


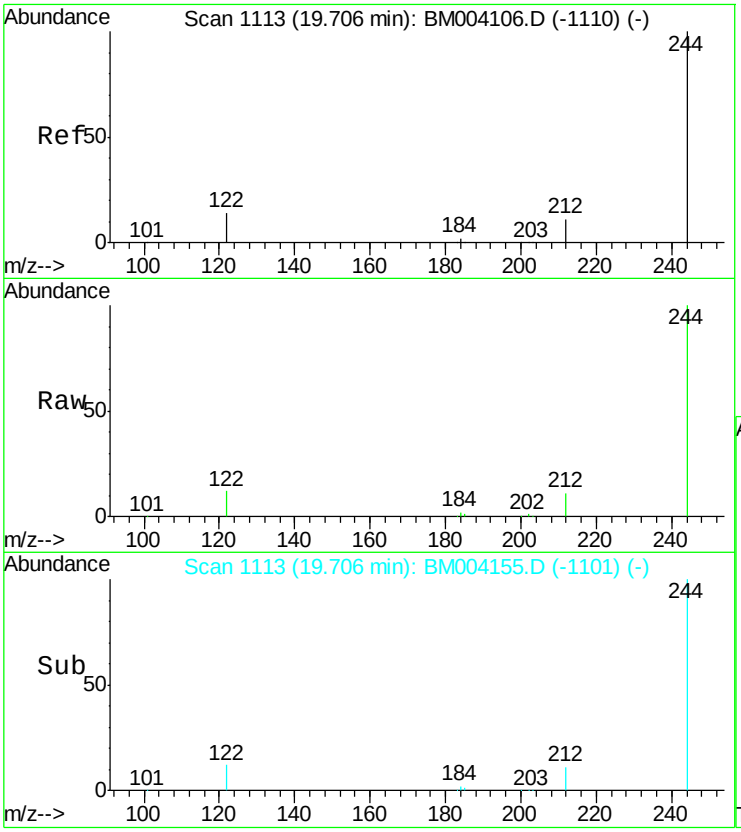


#27
Benzidine
Concen: 0.39 ng
RT: 19.71 min Scan# 1113
Delta R.T. 0.38 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Tgt Ion:184 Resp: 1623

Ion	Ratio	Lower	Upper
184	100		
185	29.5	13.2	19.8#
183	19.8	9.0	13.6#



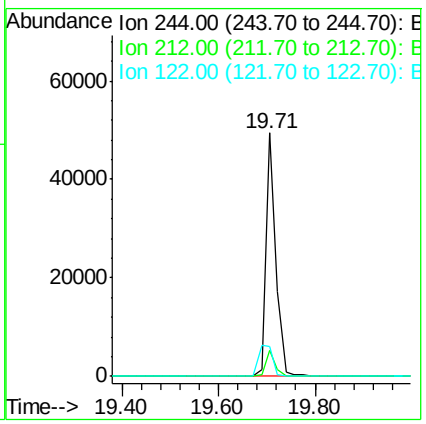


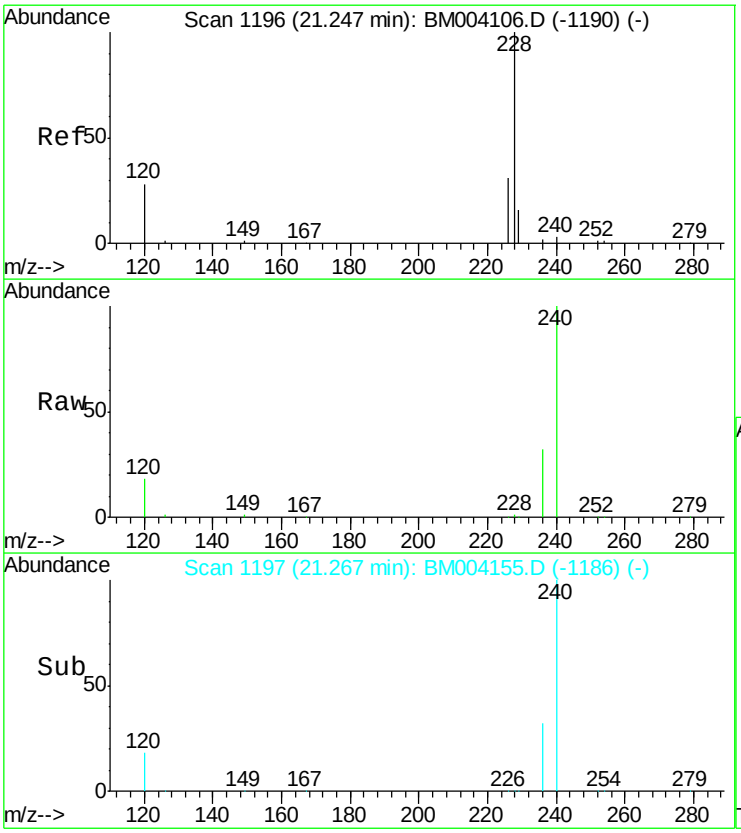
#29
Terphenyl-d14
Concen: 4.38 ng
RT: 19.71 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Instrument :
BNA_M
ClientSampleId :
EB-2016-01-27

Tgt Ion:244 Resp: 71638

Ion	Ratio	Lower	Upper
244	100		
212	10.7	7.0	10.6#
122	12.1	3.0	4.6#

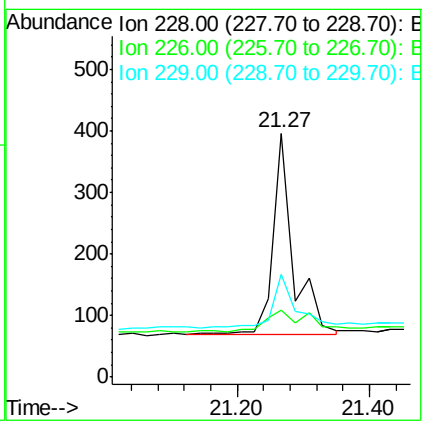


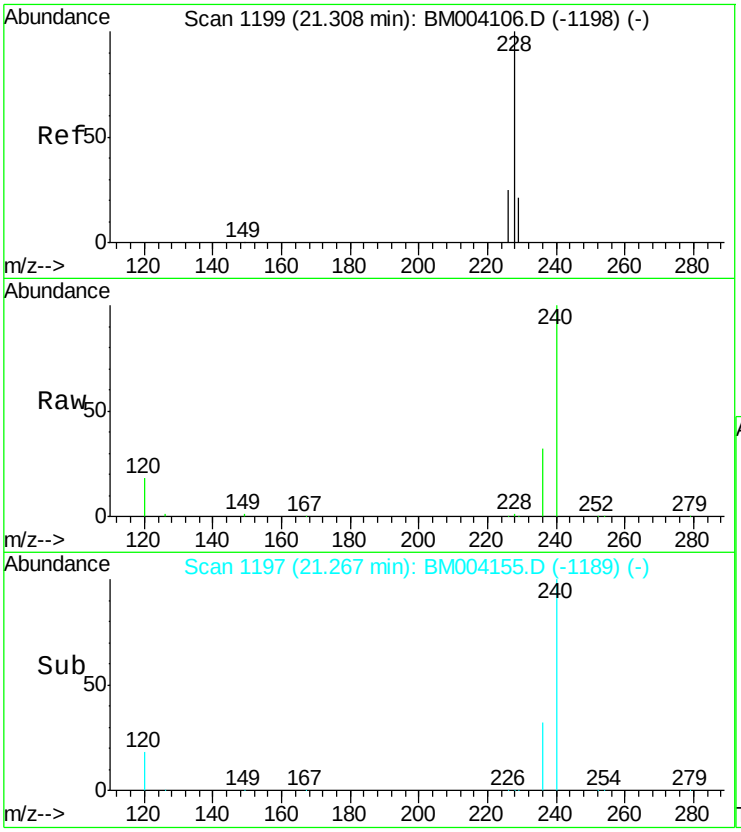


#30
Benzo(a)anthracene
Concen: Below Cal
RT: 21.27 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Tgt Ion:228 Resp: 701

Ion	Ratio	Lower	Upper
228	100		
226	27.5	17.2	25.8#
229	41.9	18.7	28.1#



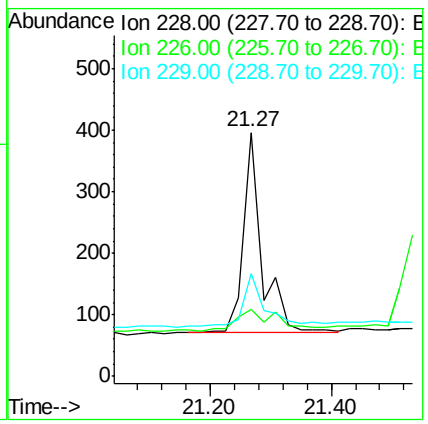


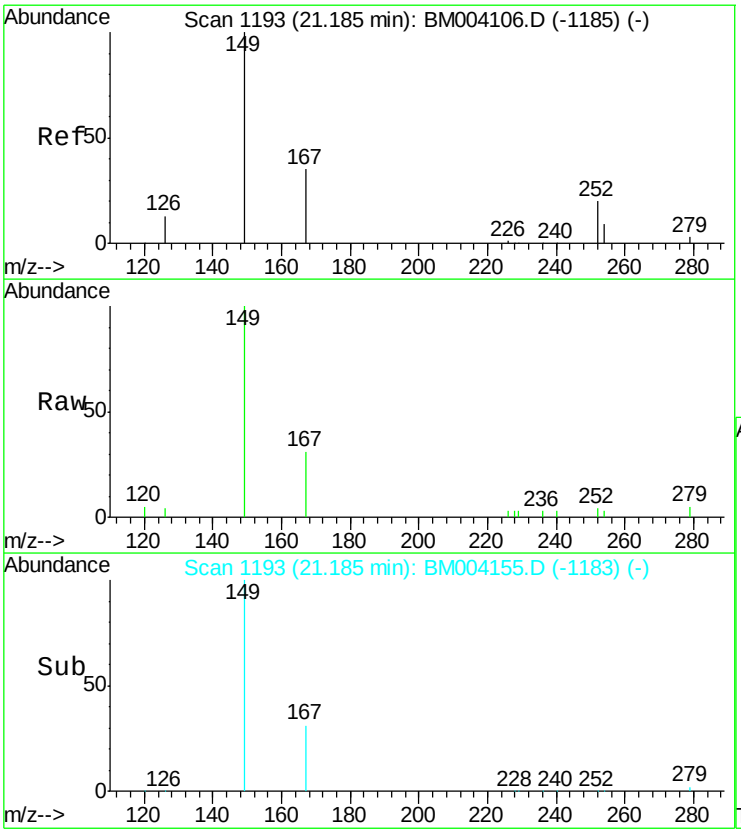
#32
Chrysene
Concen: Below Cal
RT: 21.27 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Instrument :
BNA_M
ClientSampleId :
EB-2016-01-27

Tgt Ion:228 Resp: 690

Ion	Ratio	Lower	Upper
228	100		
226	27.5	25.3	37.9
229	41.9	14.5	21.7#

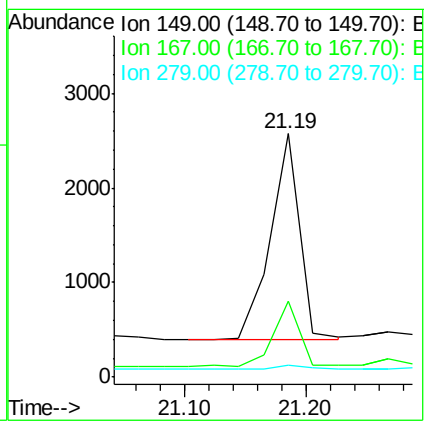


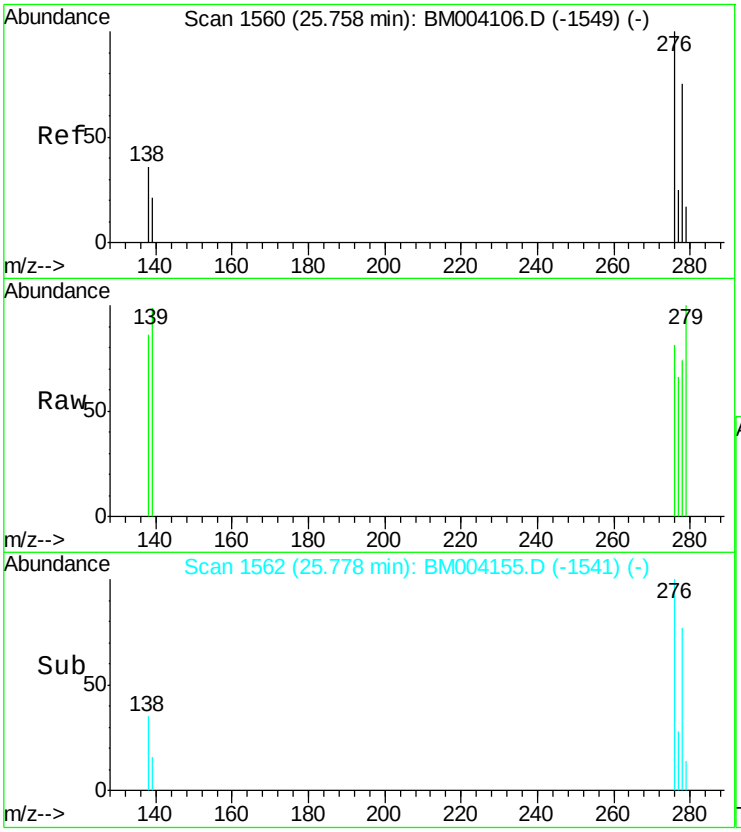


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Tgt Ion:149 Resp: 3717

Ion	Ratio	Lower	Upper
149	100		
167	28.0	20.1	30.1
279	2.8	1.8	2.6#



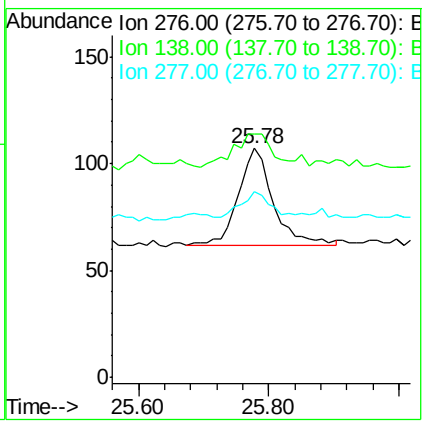


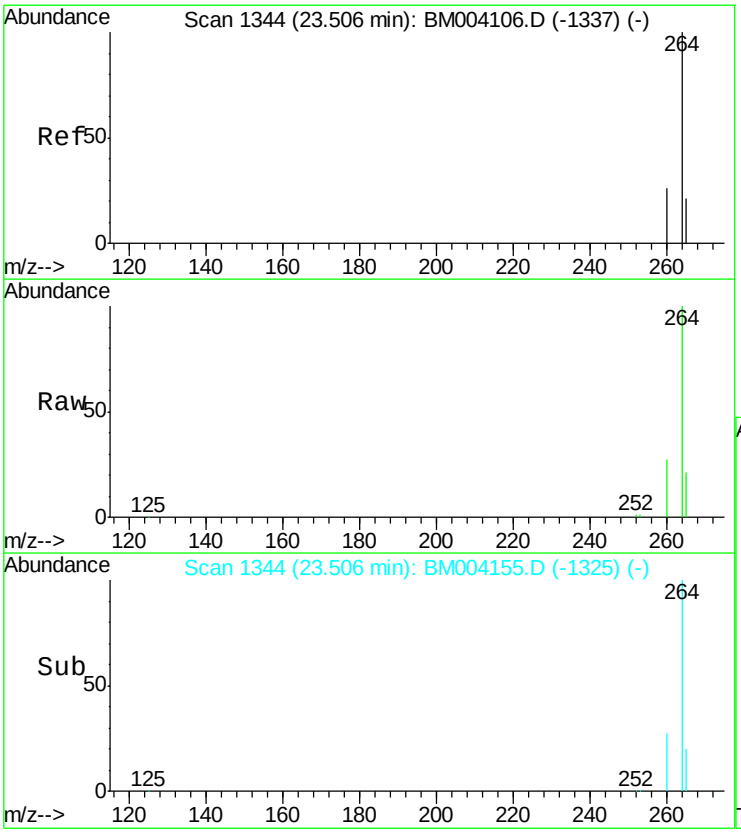
#34
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.78 min Scan# 1562
Delta R.T. 0.02 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Instrument :
BNA_M
ClientSampleId :
EB-2016-01-27

Tgt Ion:276 Resp: 166

Ion	Ratio	Lower	Upper
276	100		
138	39.8	30.2	45.2
277	24.1	19.8	29.8





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Tgt Ion:264 Resp: 132250

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.2	31.8
265	20.9	16.7	25.1