Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012716\
Data File : BM004135.D
Acq On : 27 Jan 2016 15:37
Operator : SJ/IZ
Sample : H1249-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : KY038PS027-160125

Quant Time: Jan 27 23:59:01 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	20231	5.00	ng		0.00
7) Naphthalene-d8	10.44	136	90621	5.00	ng		0.00
13) Acenaphthene-d10	14.31	164	59295	5.00	ng		0.00
19) Phenanthrene-d10	17.07	188	121922	5.00	ng		0.00
26) Chrysene-d12	21.28	240	161587	5.00	ng		0.00
35) Perylene-d12	23.51	264	155521	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	11077	2.62	ng		-0.02
5) Phenol-d6	6.85	99	8502	1.67	ng		0.00
8) Nitrobenzene-d5	8.82	82	16545	4.17	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	15356	6.65	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	72145	3.97	ng		0.00
29) Terphenyl-d14	19.71	244	101927	4.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	238	0.04	ng	#	66
3) n-Nitrosodimethylamine	3.55	42	90	0.05	ng	#	4
9) Nitrobenzene	8.82	77	44	0.22	ng	#	19
22) Pentachlorophenol	16.74	266	63	0.27	ng	#	72
23) Phenanthrene	17.09	178	770	Below Cal		#	80
24) Anthracene	17.20	178	1112	0.04	ng		98
27) Benzidine	19.35	184	103	0.12	ng	#	1
28) Pyrene	19.51	202	311	Below Cal			96
30) Benzo(a)anthracene	21.26	228	764	Below Cal		#	57
31) 3,3'-Dichlorobenzidine	21.20	252	73	0.03	ng	#	56
32) Chrysene	21.26	228	753	Below Cal		#	68
33) Bis(2-ethylhexyl)phthalate	21.17	149	13529	0.89	ng	#	99
34) Indeno(1,2,3-cd)pyrene	25.77	276	307	0.03	ng	#	91

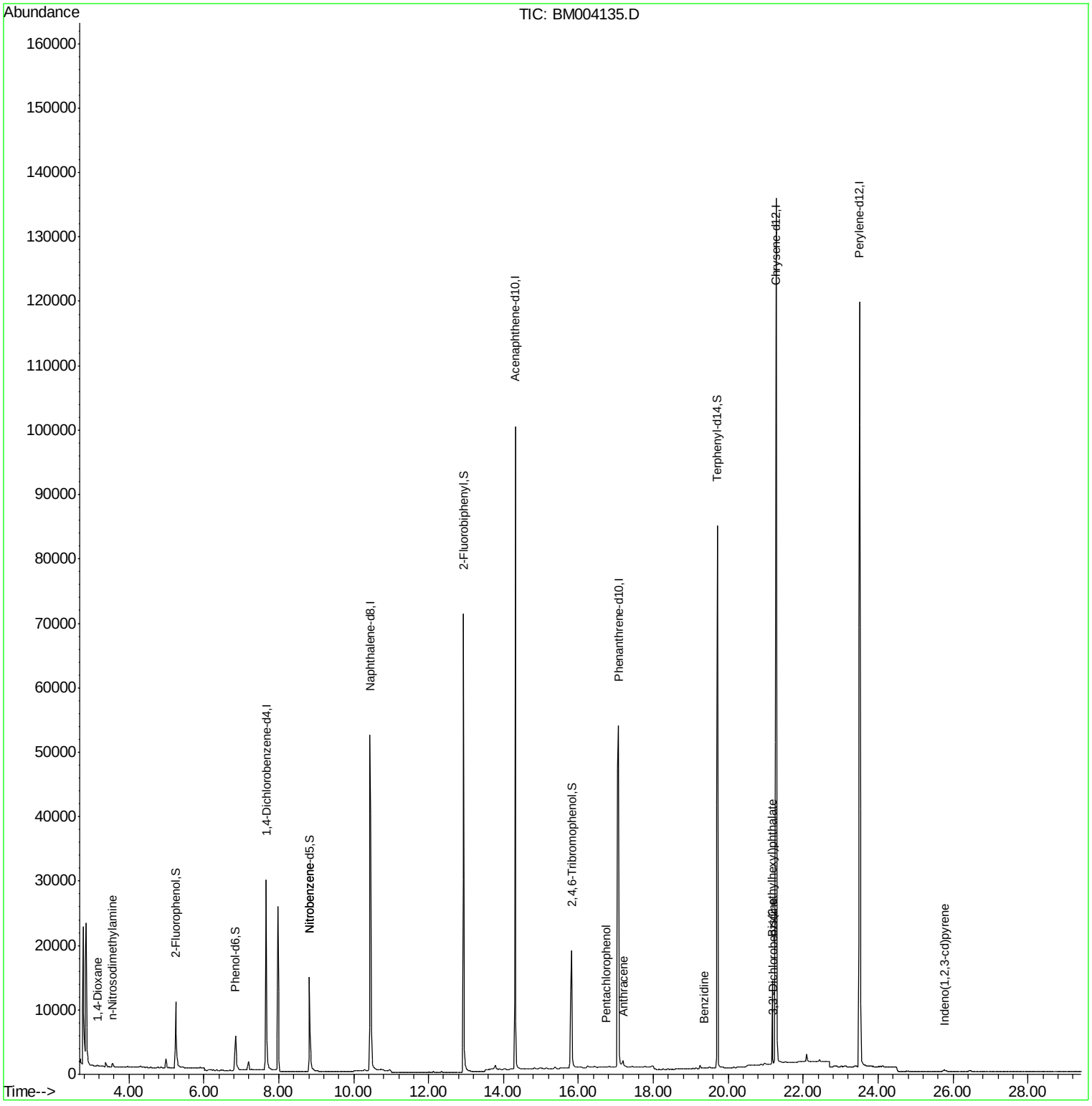
(#) = qualifier out of range (m) = manual integration (+) = signals summed

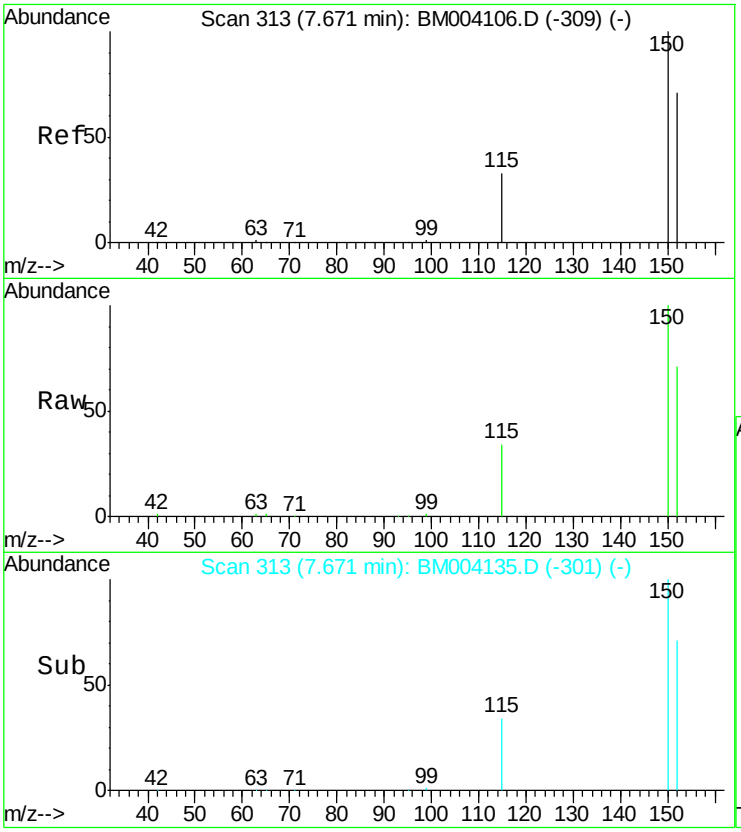
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012716\
Data File : BM004135.D
Acq On : 27 Jan 2016 15:37
Operator : SJ/IZ
Sample : H1249-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Quant Time: Jan 27 23:59:01 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



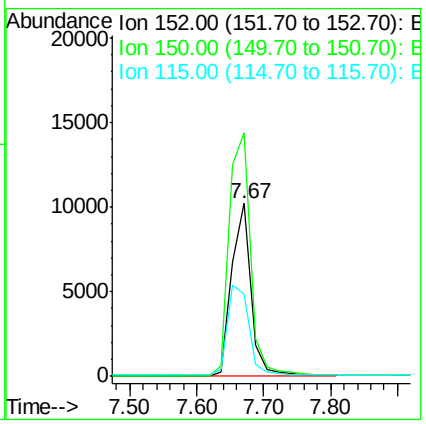


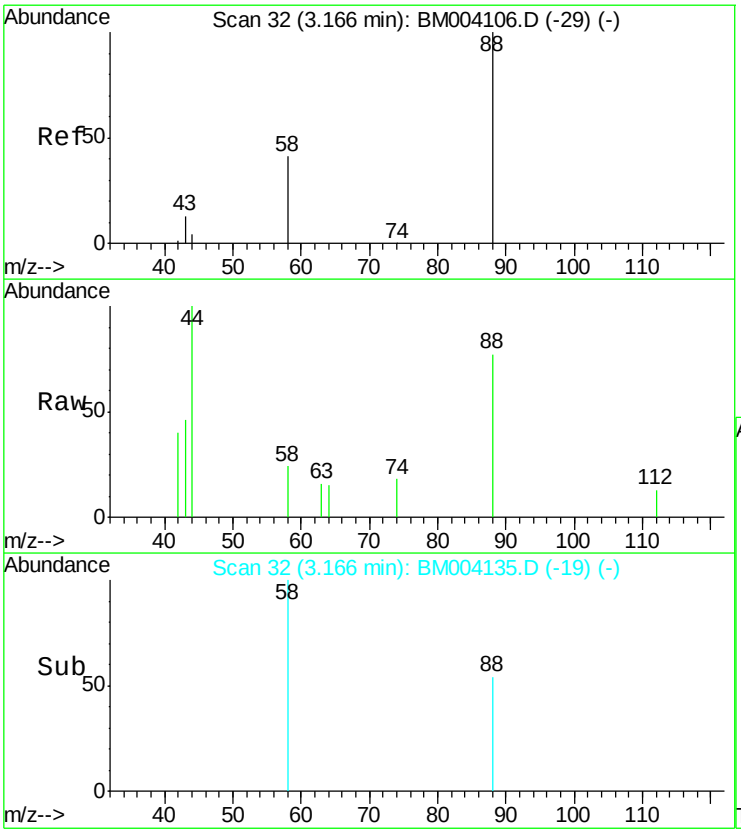
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion:152 Resp: 20231

Ion	Ratio	Lower	Upper
152	100		
150	140.9	122.9	184.3
115	47.9	44.4	66.6

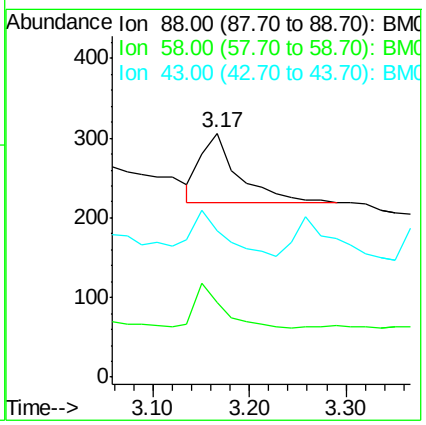


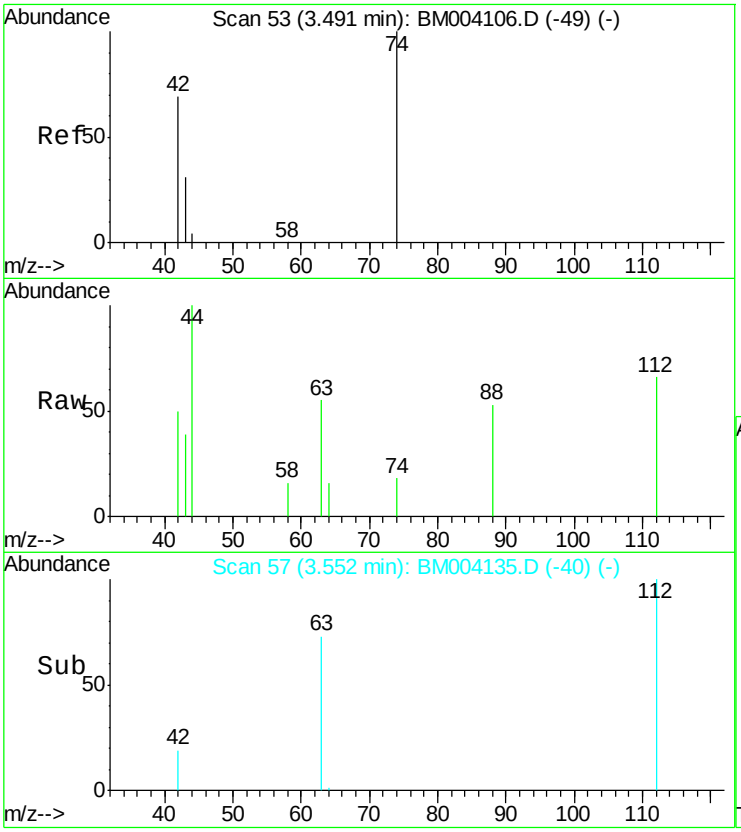


#2
1,4-Dioxane
Concen: 0.04 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion: 88 Resp: 238

Ion	Ratio	Lower	Upper
88	100		
58	46.6	53.8	80.6#
43	58.4	23.8	35.6#



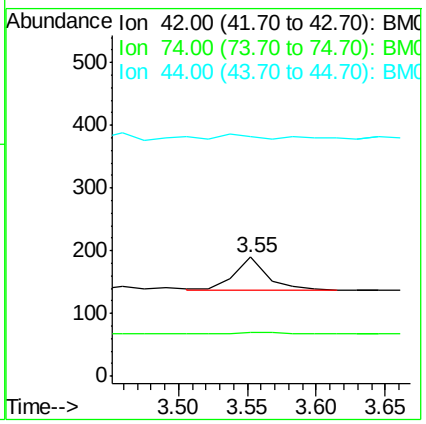


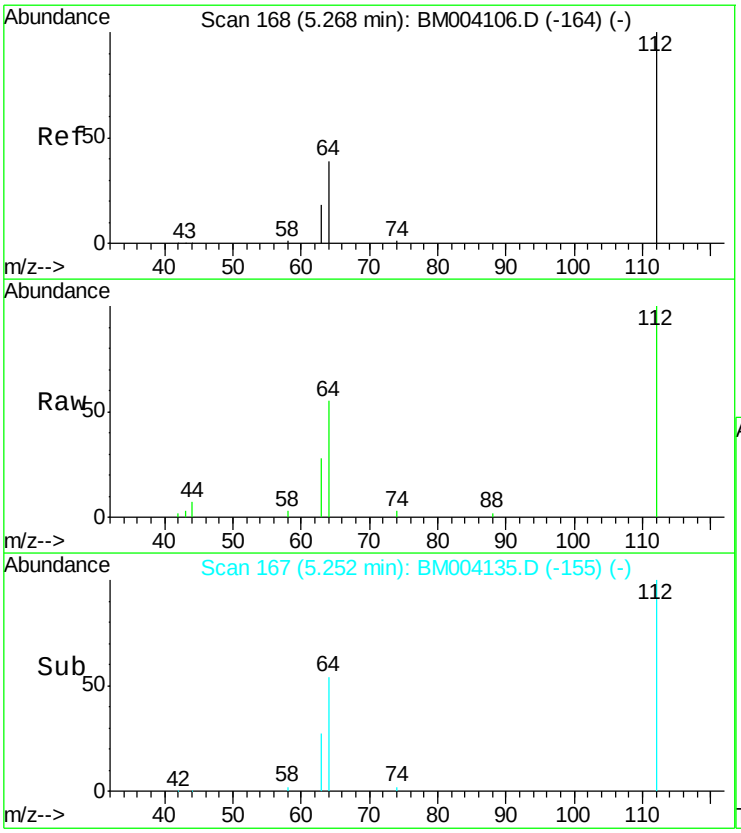
#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.55 min Scan# 57
Delta R.T. 0.06 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion: 42 Resp: 90

Ion	Ratio	Lower	Upper
42	100		
74	8.9	95.0	142.4#
44	14.4	5.1	7.7#

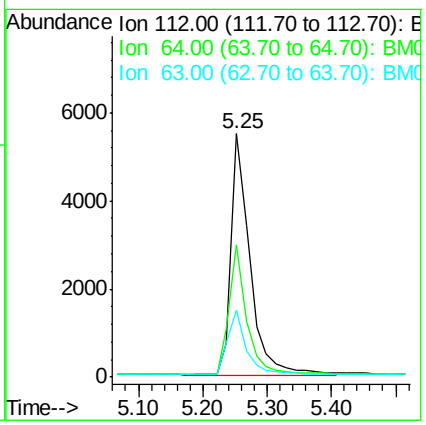


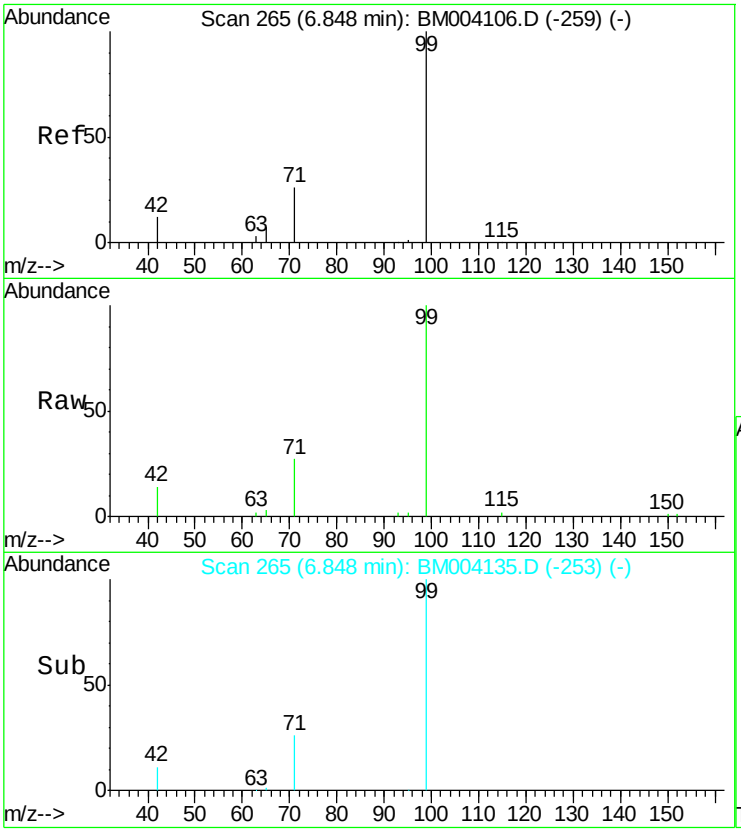


#4
2-Fluorophenol
Concen: 2.62 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.02 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion:112 Resp: 11077

Ion	Ratio	Lower	Upper
112	100		
64	51.8	41.8	62.8
63	27.1	22.1	33.1



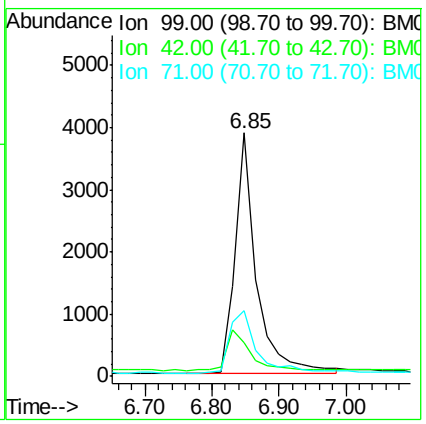


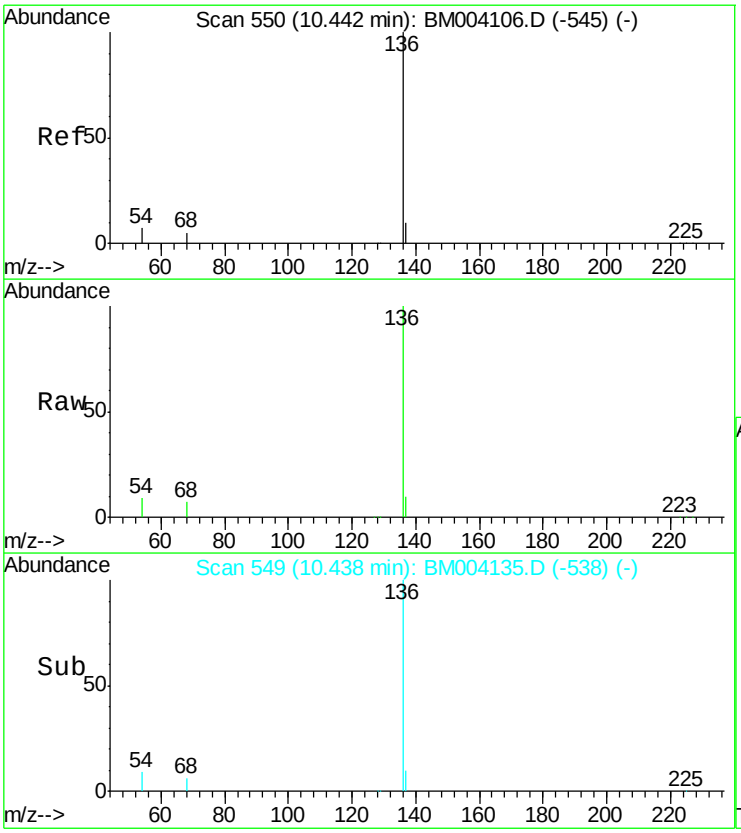
#5
Phenol-d6
Concen: 1.67 ng
RT: 6.85 min Scan# 265
Delta R.T. -0.00 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion: 99 Resp: 8502

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.2	24.2
71	32.8	24.4	36.6

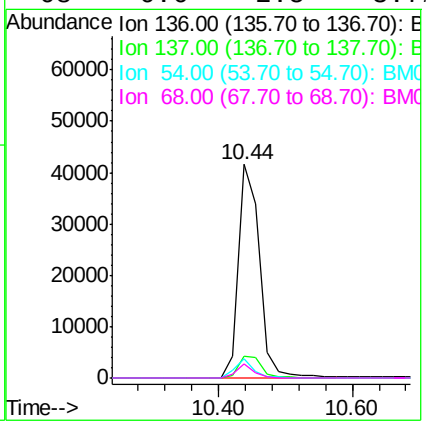


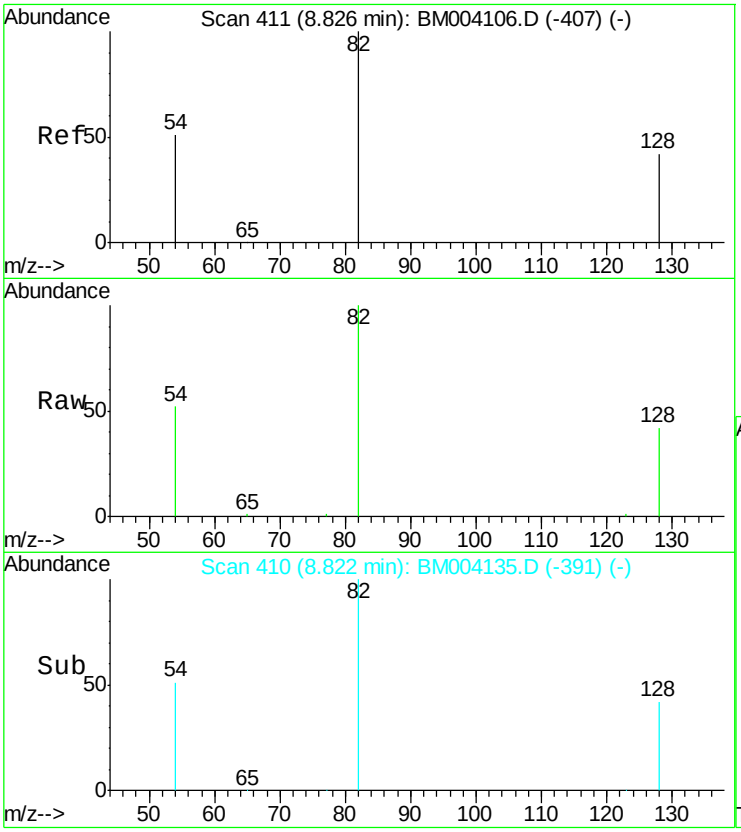


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 549
Delta R.T. -0.00 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion:136 Resp: 90621

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	9.1	2.8	4.2#
68	6.6	2.5	3.7#



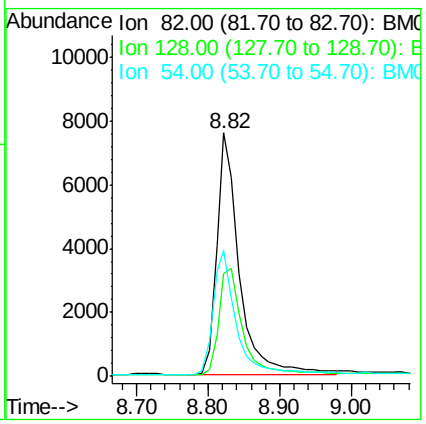


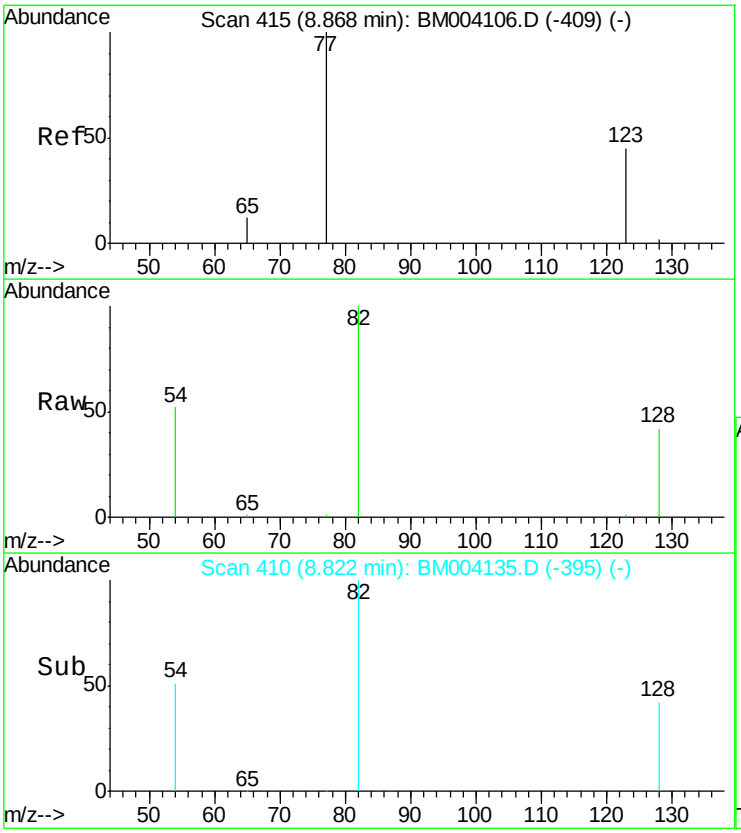
#8
Nitrobenzene-d5
Concen: 4.17 ng
RT: 8.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion: 82 Resp: 16545

Ion	Ratio	Lower	Upper
82	100		
128	42.3	39.1	58.7
54	51.9	34.8	52.2

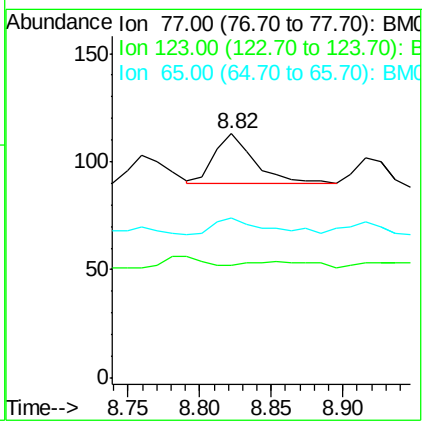


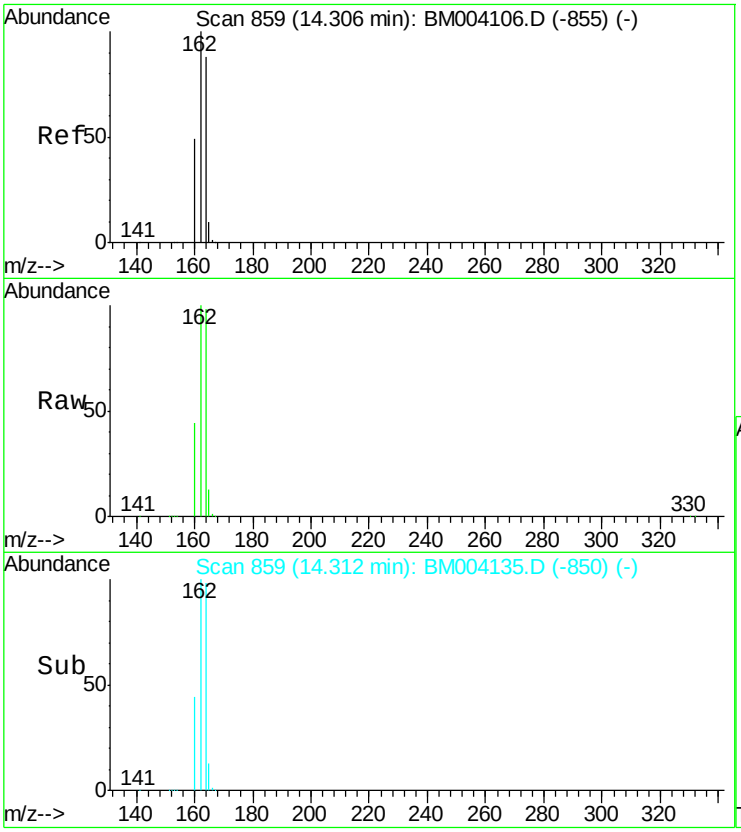


#9
Nitrobenzene
Concen: 0.22 ng
RT: 8.82 min Scan# 410
Delta R.T. -0.04 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion: 77 Resp: 44

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.6	57.8#
65	59.1	9.9	14.9#



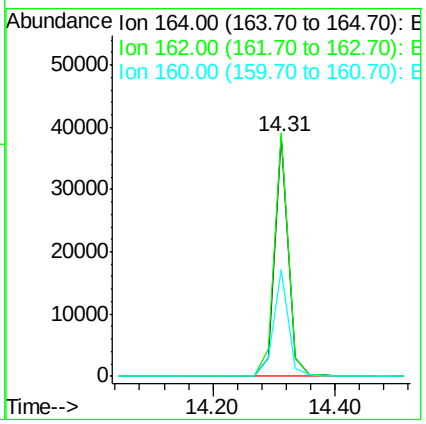


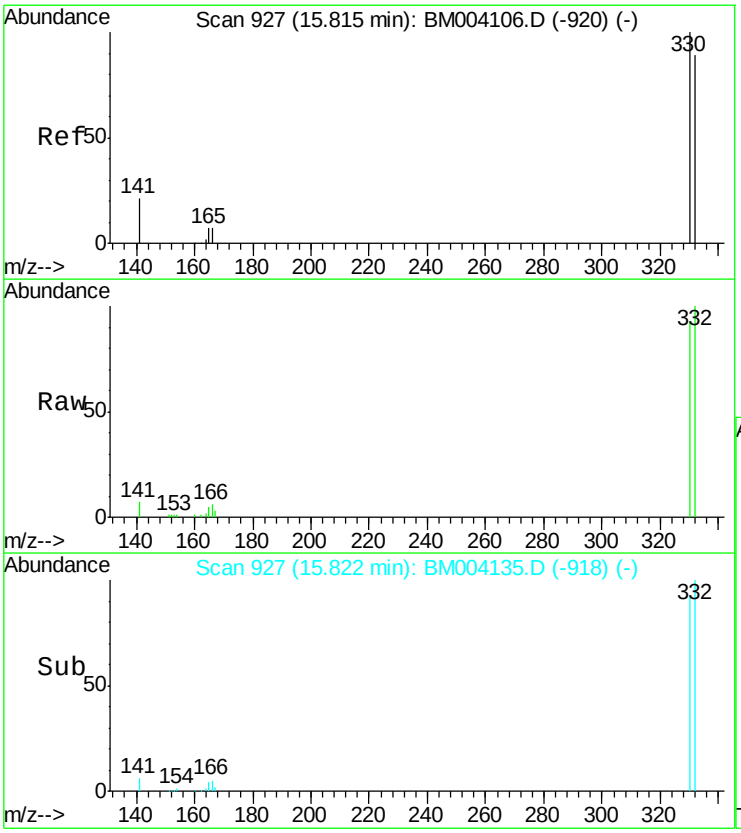
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.31 min Scan# 859
Delta R.T. 0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion:164 Resp: 59295

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.0	129.0
160	44.6	40.3	60.5

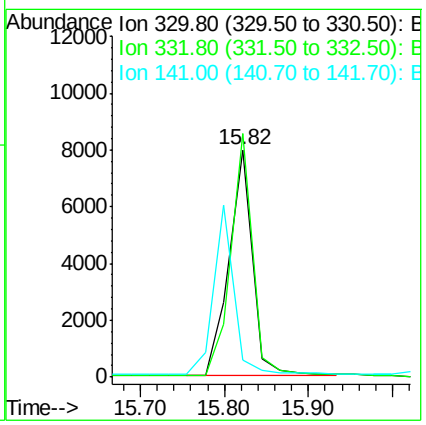


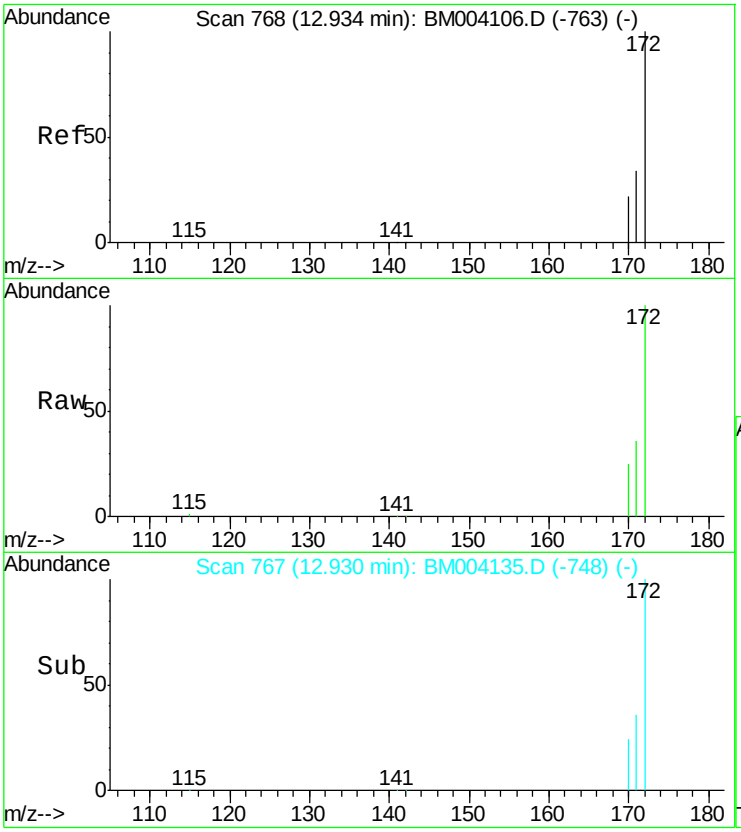


#14
2,4,6-Tribromophenol
Concen: 6.65 ng
RT: 15.82 min Scan# 927
Delta R.T. 0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion:330 Resp: 15356

Ion	Ratio	Lower	Upper
330	100		
332	98.8	79.0	118.4
141	0.0	27.8	41.6#



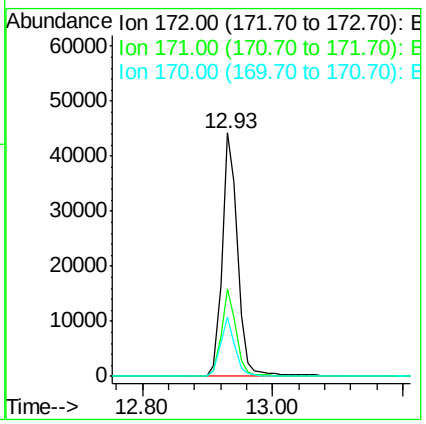


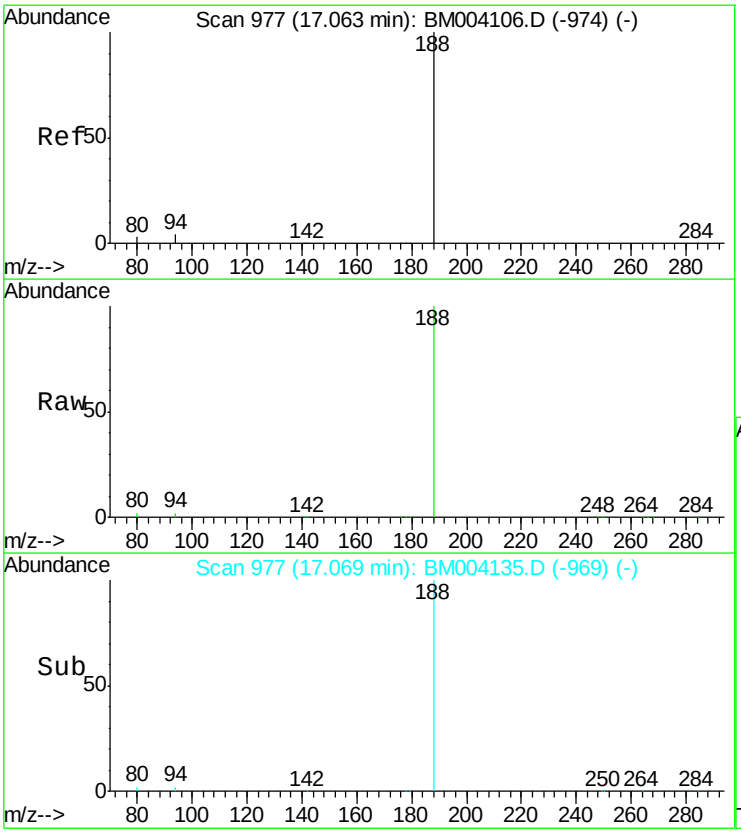
#15
2-Fluorobiphenyl
Concen: 3.97 ng
RT: 12.93 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion:172 Resp: 72145

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.0	40.6
170	24.6	17.9	26.9

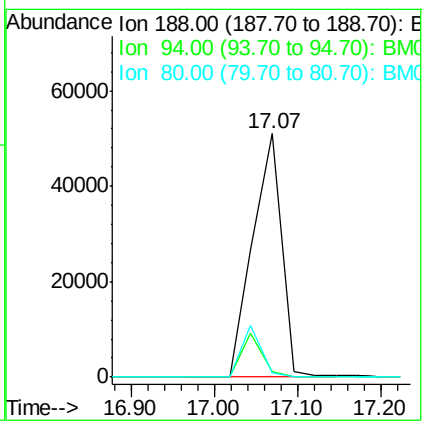


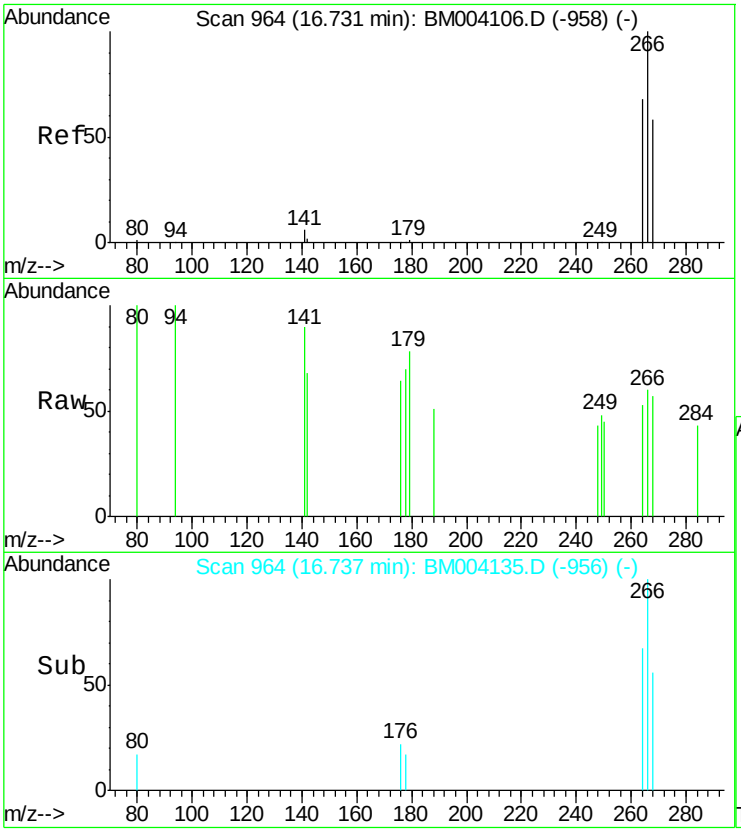


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.07 min Scan# 977
Delta R.T. 0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion:188 Resp: 121922

Ion	Ratio	Lower	Upper
188	100		
94	2.3	20.3	30.5#
80	1.8	22.2	33.4#



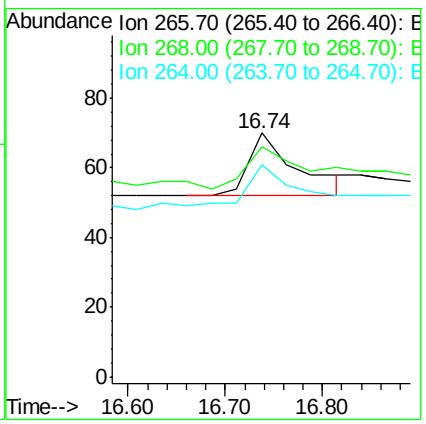


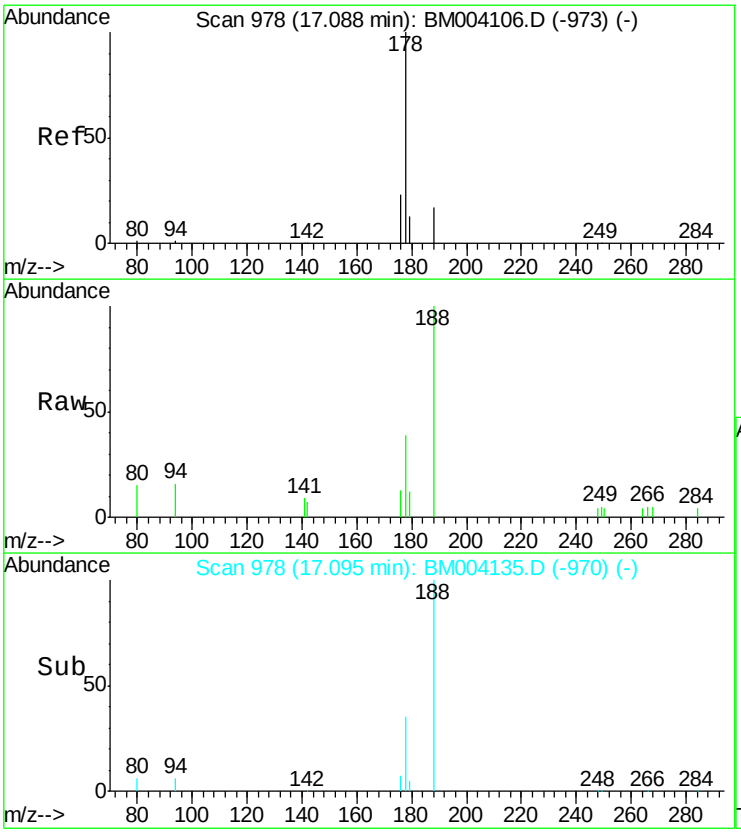
#22
Pentachlorophenol
Concen: 0.27 ng
RT: 16.74 min Scan# 964
Delta R.T. 0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion:266 Resp: 63

Ion	Ratio	Lower	Upper
266	100		
268	94.3	62.7	94.1#
264	87.1	45.7	68.5#

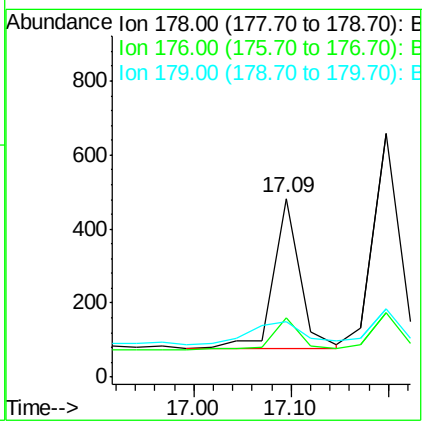


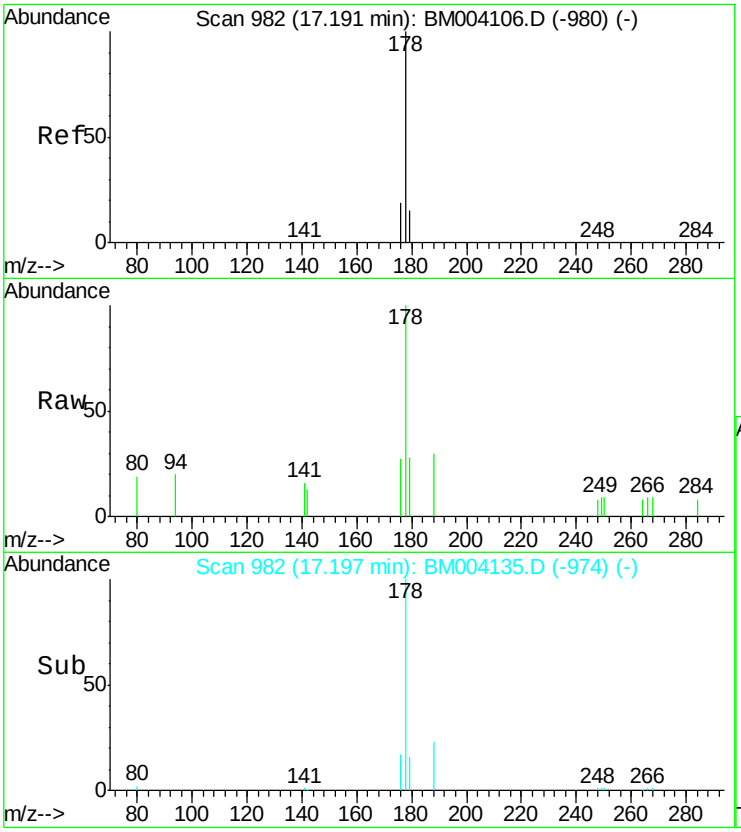


#23
Phenanthrene
Concen: Below Cal
RT: 17.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion:178 Resp: 770

Ion	Ratio	Lower	Upper
178	100		
176	22.7	15.4	23.0
179	30.3	12.2	18.4#



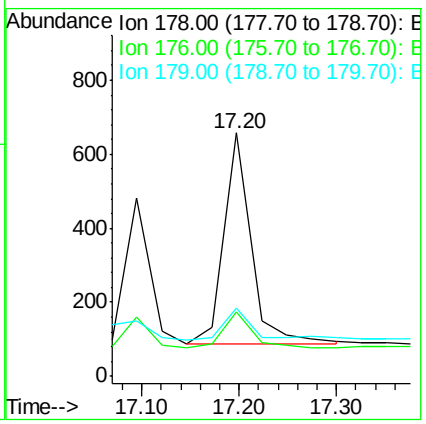


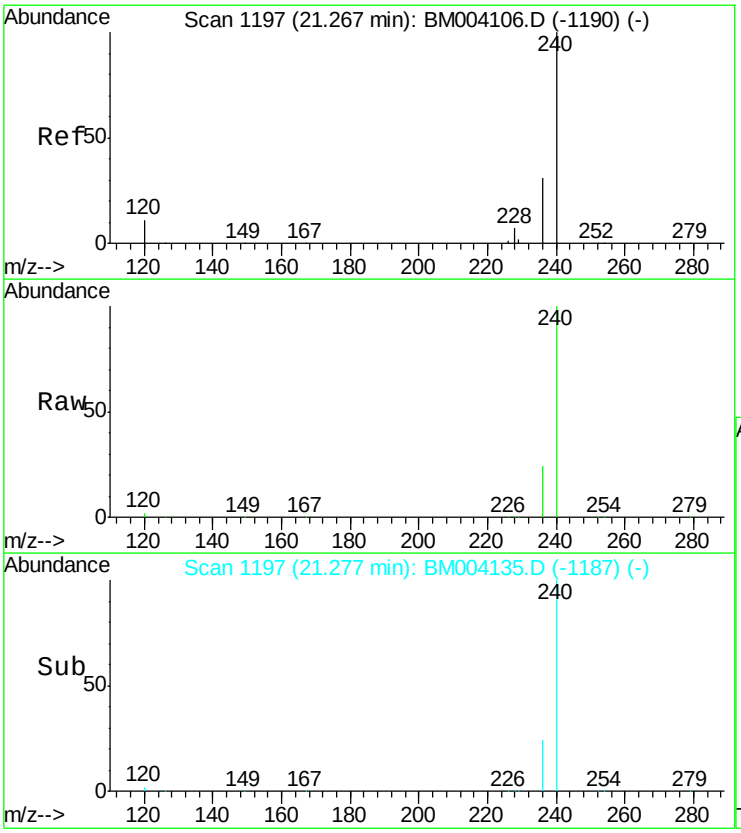
#24
Anthracene
Concen: 0.04 ng
RT: 17.20 min Scan# 982
Delta R.T. 0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion:178 Resp: 1112

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	17.9	12.6	19.0

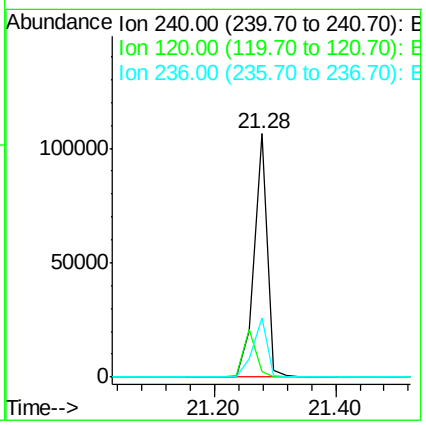


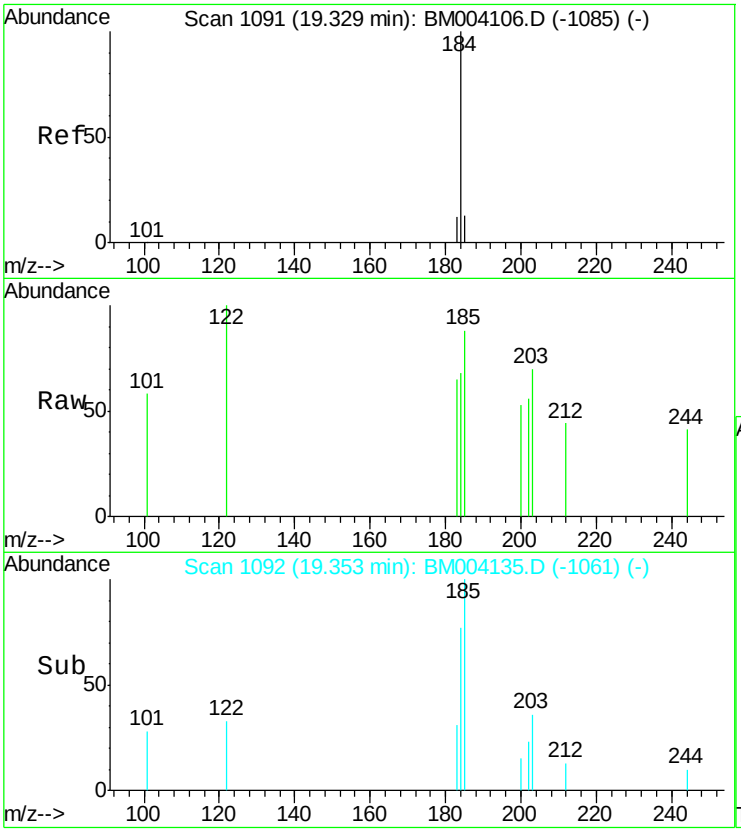


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion:240 Resp: 161587

Ion	Ratio	Lower	Upper
240	100		
120	2.0	0.9	1.3#
236	24.1	17.3	25.9



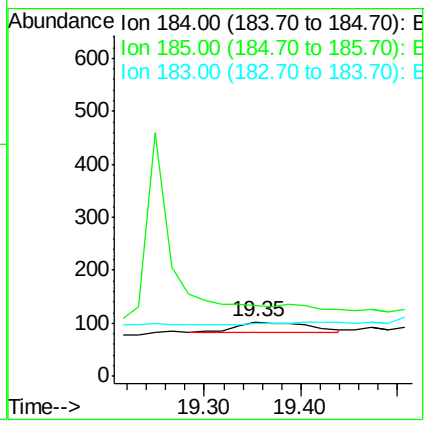


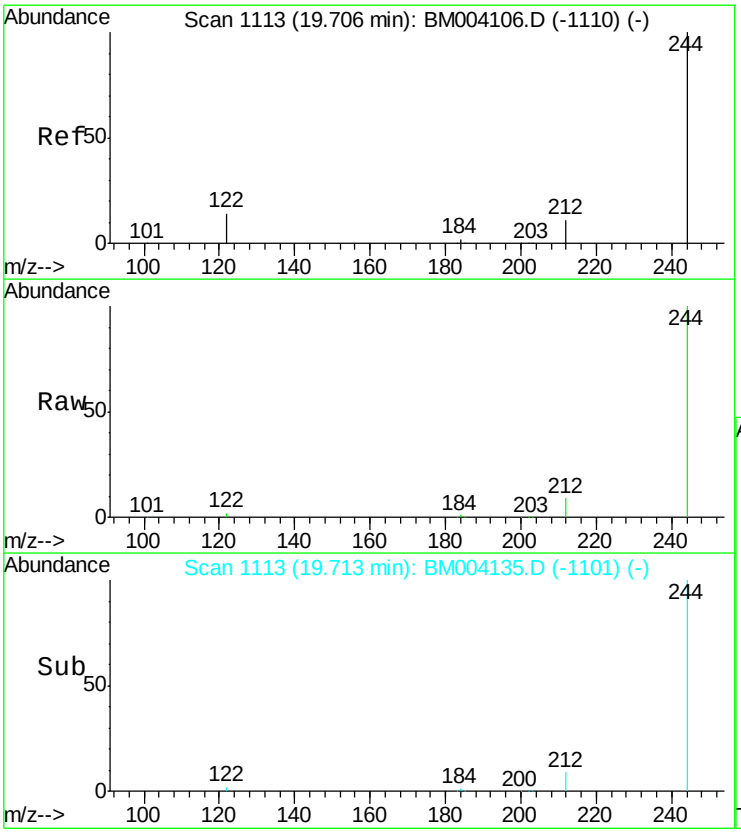
#27
Benzidine
Concen: 0.12 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.02 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion:184 Resp: 103

Ion	Ratio	Lower	Upper
184	100		
185	130.1	13.2	19.8#
183	96.1	9.0	13.6#

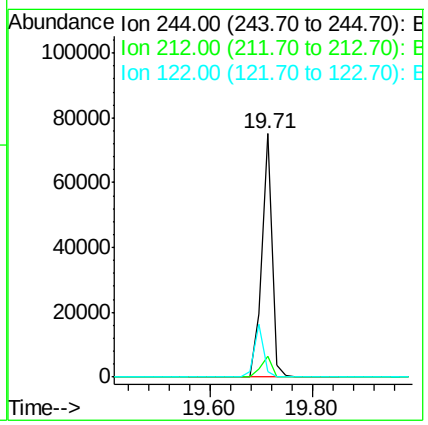


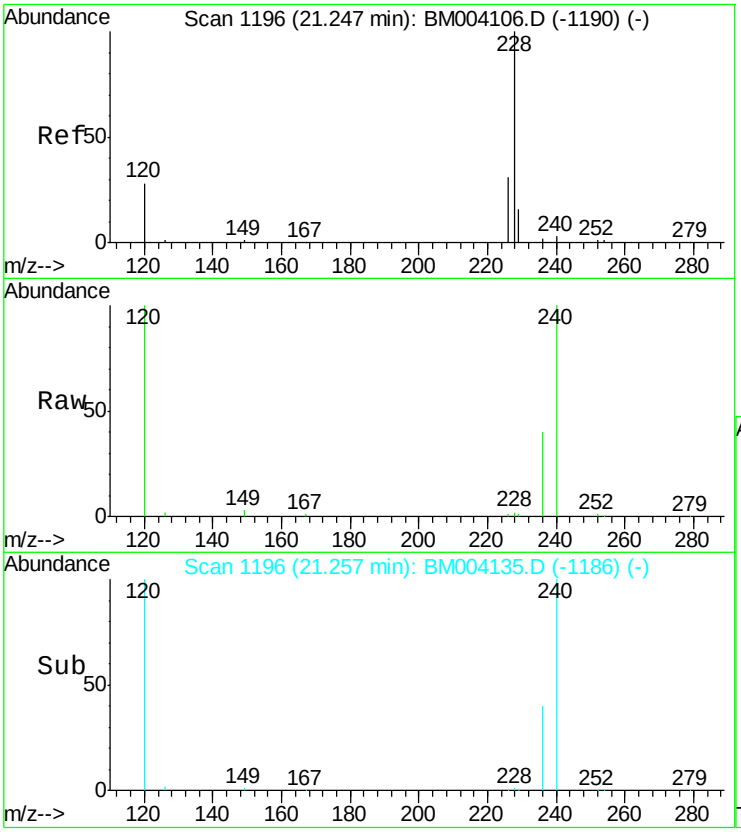


#29
Terphenyl-d14
Concen: 4.96 ng
RT: 19.71 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion:244 Resp: 101927

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	2.5	3.0	4.6#



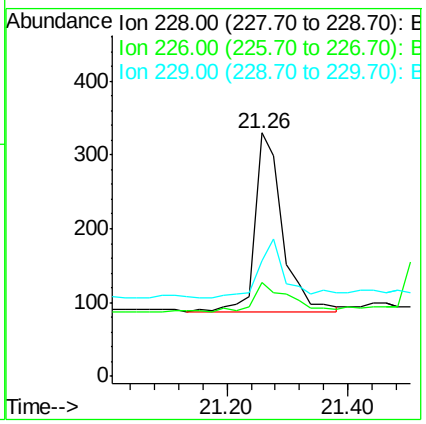


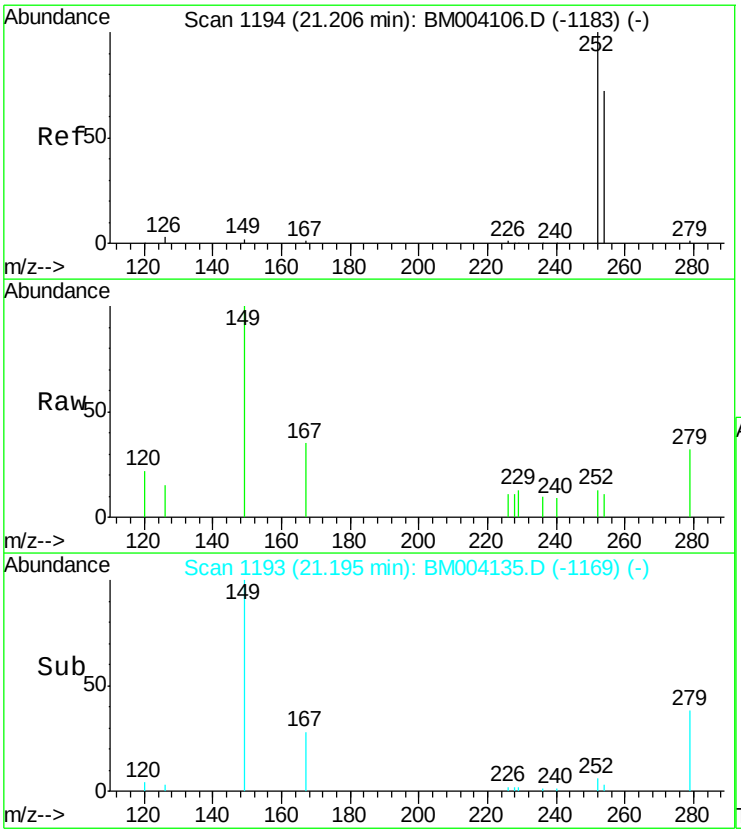
#30
Benzo(a)anthracene
Concen: Below Cal
RT: 21.26 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion:228 Resp: 764

Ion	Ratio	Lower	Upper
228	100		
226	38.5	17.2	25.8#
229	47.6	18.7	28.1#

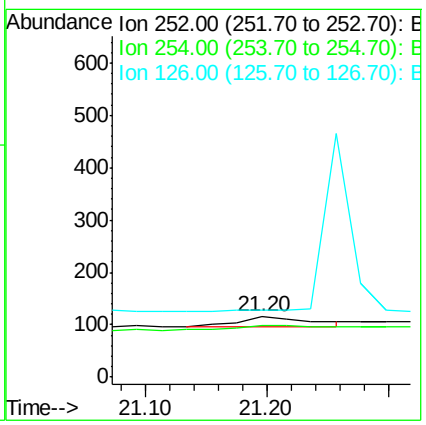


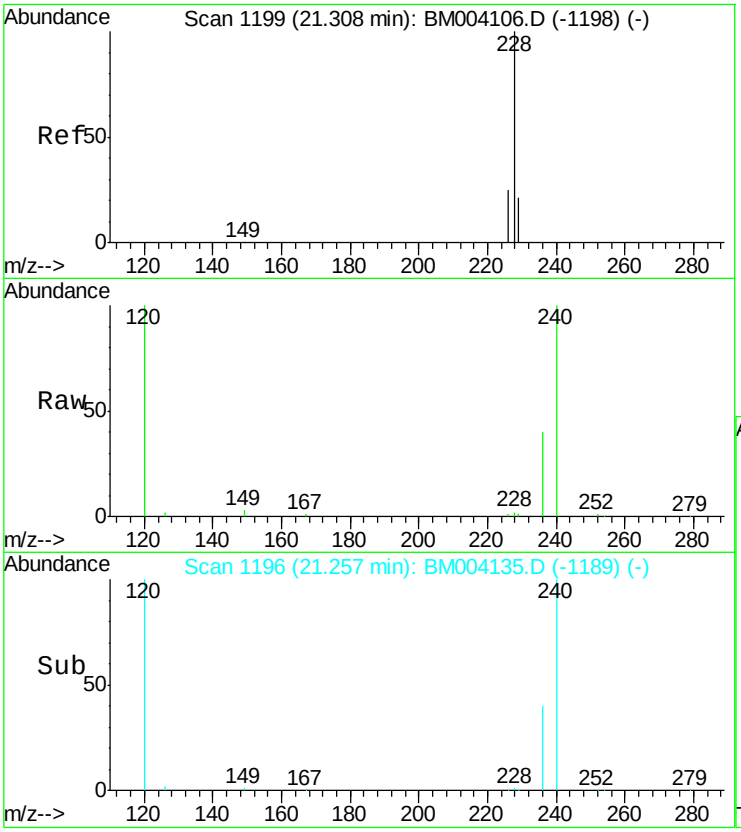


#31
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 21.20 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion:252 Resp: 73

Ion	Ratio	Lower	Upper
252	100		
254	85.2	52.6	79.0#
126	111.3	3.7	5.5#



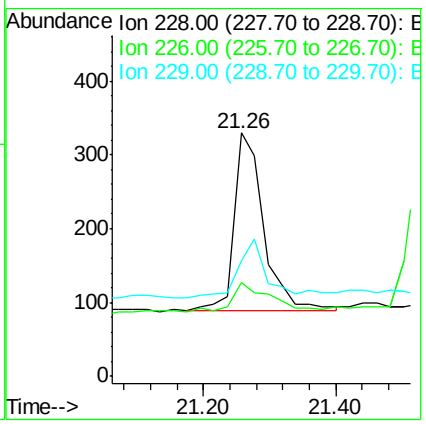


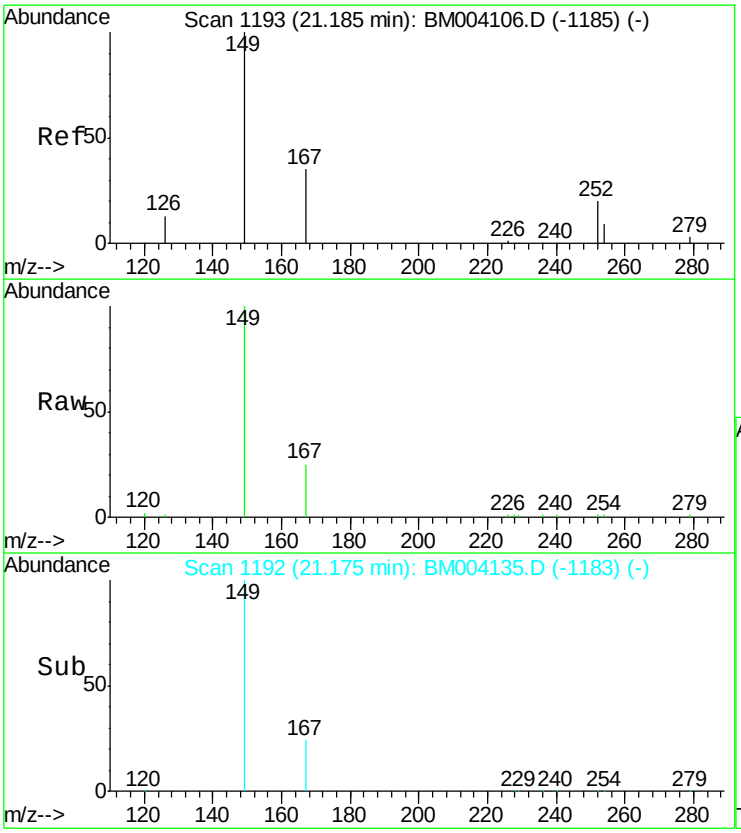
#32
Chrysene
Concen: Below Cal
RT: 21.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion:228 Resp: 753

Ion	Ratio	Lower	Upper
228	100		
226	38.5	25.3	37.9#
229	47.6	14.5	21.7#

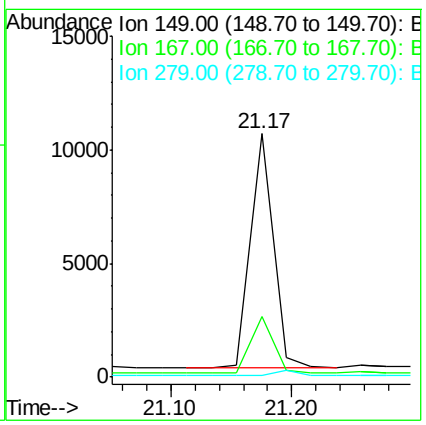


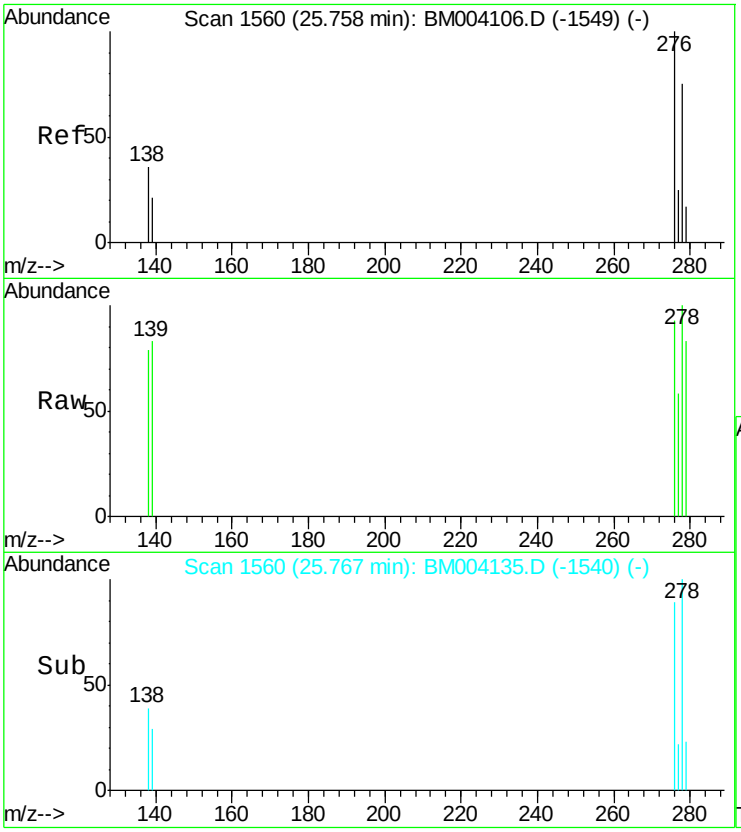


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.89 ng
RT: 21.17 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion:149 Resp: 13529

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.1	30.1
279	0.0	1.8	2.6#



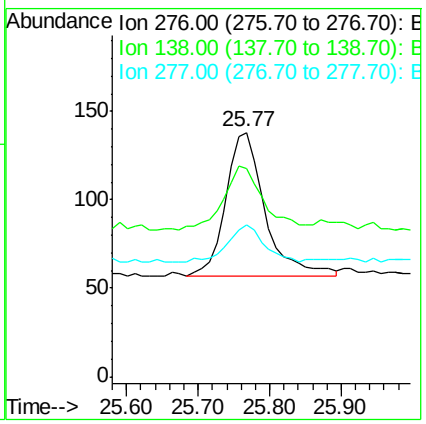


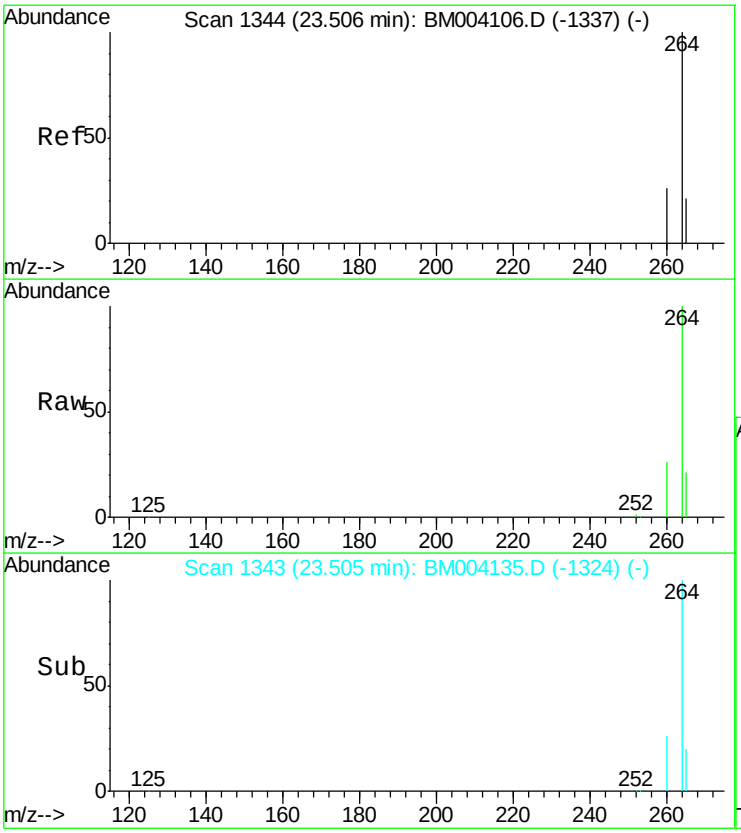
#34
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.77 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion:276 Resp: 307

Ion	Ratio	Lower	Upper
276	100		
138	45.6	30.2	45.2#
277	23.5	19.8	29.8





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion:264 Resp: 155521

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.2	31.8
265	20.6	16.7	25.1