Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122915\
Data File : BM003829.D
Acq On : 28 Dec 2015 15:33
Operator : UM/SJ
Sample : PB87573BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB87573BL

Quant Time: Dec 29 01:24:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 10:08:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	277837	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	1098982	5.00	ng	-0.02
13) Acenaphthene-d10	14.33	164	556823	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	859143	5.00	ng	0.00
26) Chrysene-d12	21.29	240	706675	5.00	ng	0.00
35) Perylene-d12	23.53	264	614201	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	1659715	25.28	ng	0.02
5) Phenol-d6	6.87	99	2002279	24.90	ng	0.00
8) Nitrobenzene-d5	8.85	82	1172591	20.14	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	419777	23.67	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	2750786	16.15	ng	0.00
29) Terphenyl-d14	19.72	244	1494694	13.49	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.21	93	2437	0.03	ng	# 1
9) Nitrobenzene	8.84	77	3632	0.05	ng	# 34
17) Acenaphthene	14.33	154	2589	0.04	ng	# 7
18) Fluorene	15.39	166	623	Below Cal		# 90
21) Hexachlorobenzene	16.40	284	14	Below Cal		# 48
22) Pentachlorophenol	16.76	266	25	0.38	ng	# 63
23) Phenanthrene	17.06	178	586	Below Cal		# 60
24) Anthracene	17.22	178	222	0.06	ng	# 81
25) Fluoranthene	19.16	202	199	0.10	ng	# 53
27) Benzidine	19.72	184	39470	0.94	ng	# 90
28) Pyrene	19.52	202	290	Below Cal		# 70
31) 3,3'-Dichlorobenzidine	21.21	252	350	0.25	ng	# 56
32) Chrysene	21.29	228	2785	Below Cal		# 48
33) Bis(2-ethylhexyl)phthalate	21.19	149	805	0.20	ng	# 87

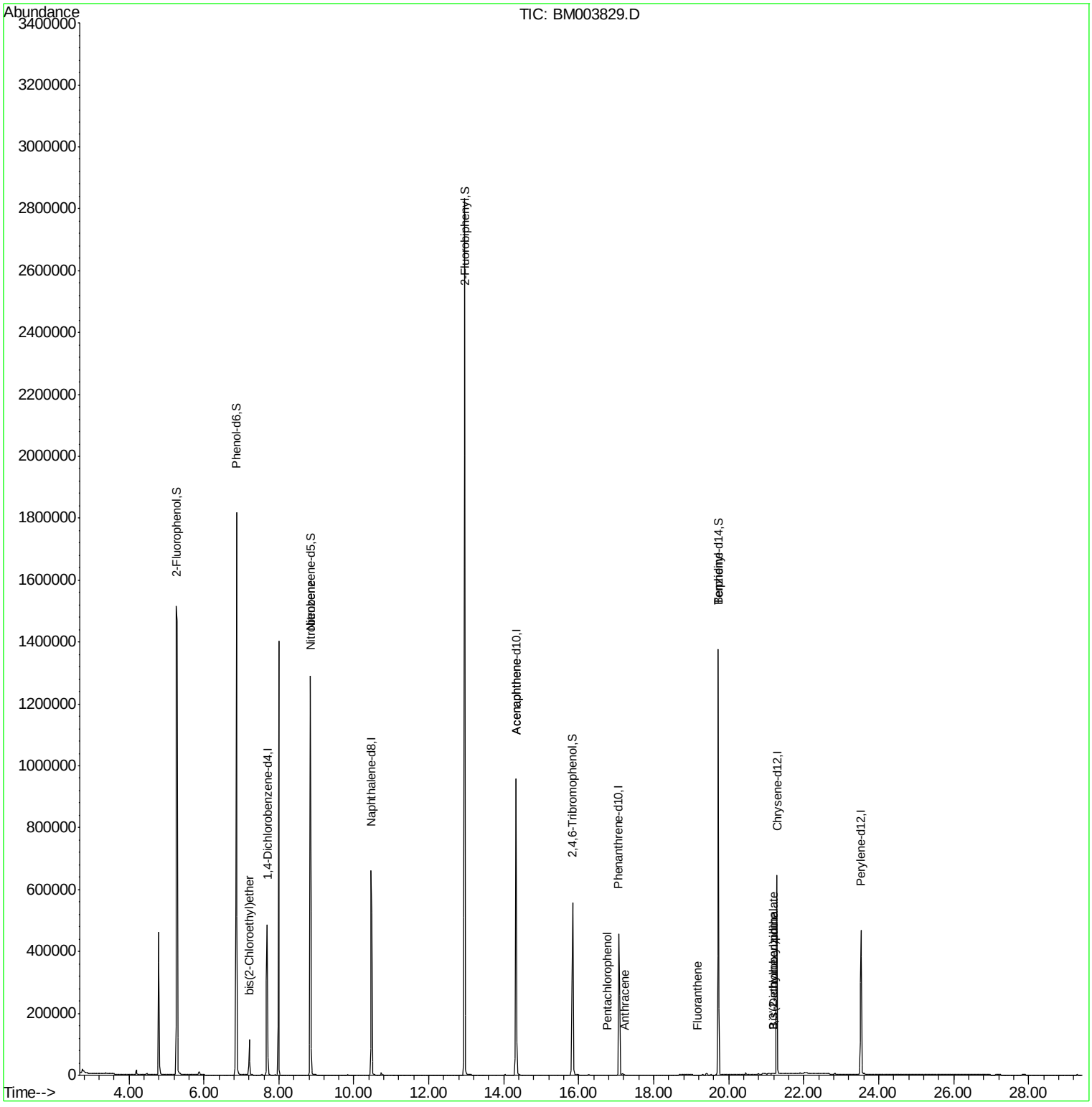
(#) = qualifier out of range (m) = manual integration (+) = signals summed

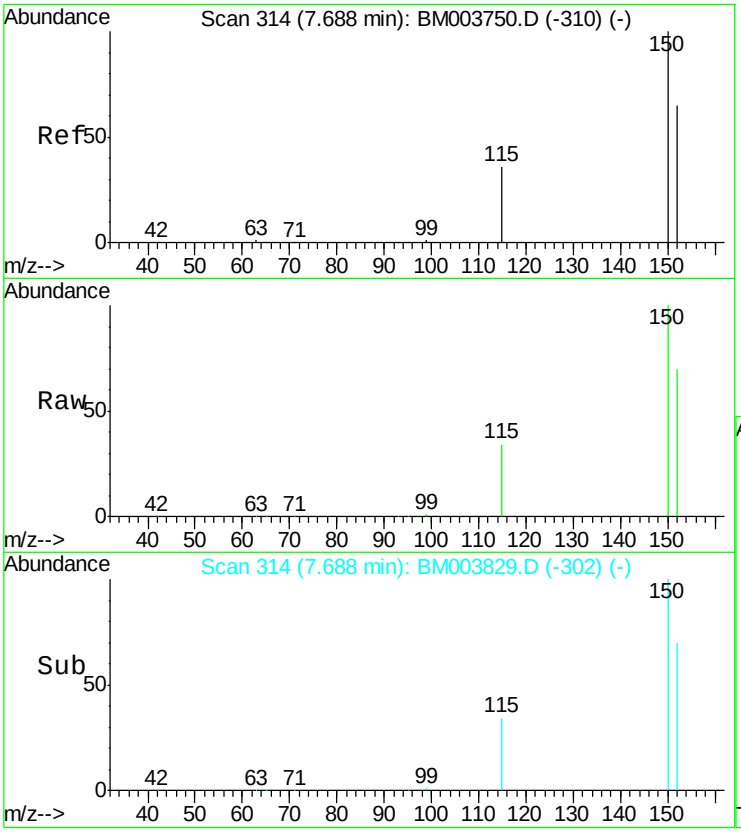
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122915\
Data File : BM003829.D
Acq On : 28 Dec 2015 15:33
Operator : UM/SJ
Sample : PB87573BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Quant Time: Dec 29 01:24:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 10:08:49 2015
Response via : Initial Calibration



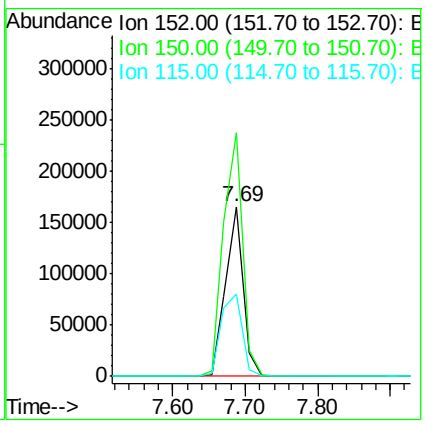


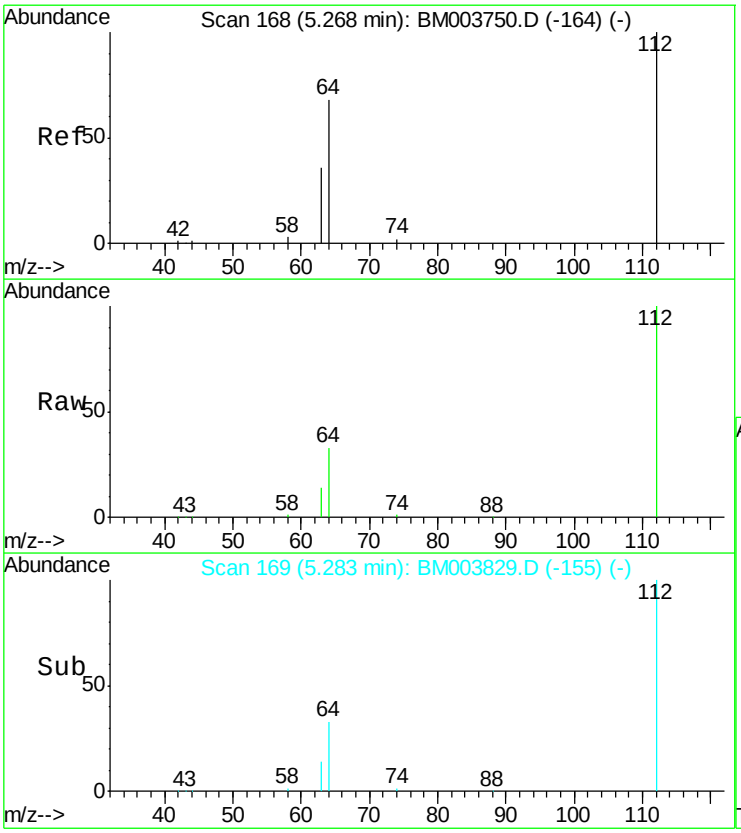
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion:152 Resp: 277837

Ion	Ratio	Lower	Upper
152	100		
150	143.5	122.9	184.3
115	48.6	44.4	66.6

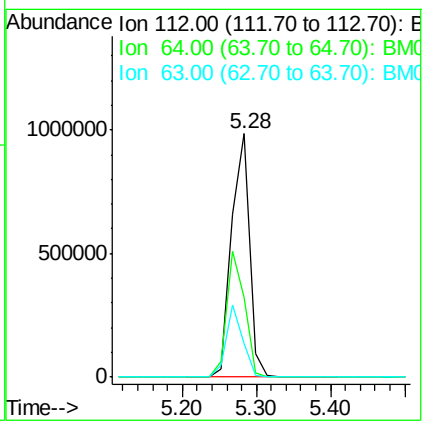


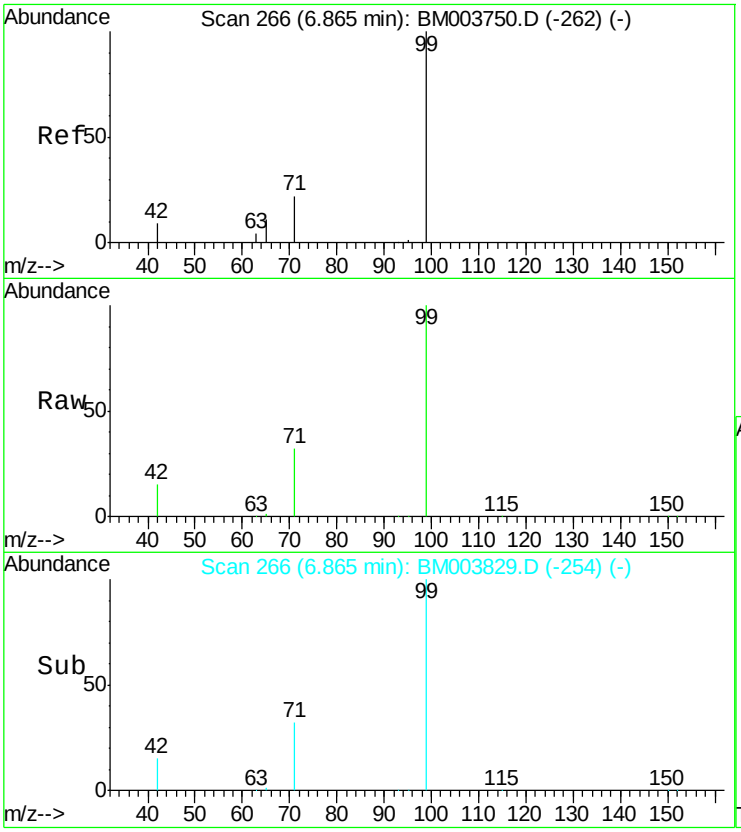


#4
2-Fluorophenol
Concen: 25.28 ng
RT: 5.28 min Scan# 169
Delta R.T. 0.02 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion:112 Resp: 1659715

Ion	Ratio	Lower	Upper
112	100		
64	51.3	41.8	62.8
63	26.9	22.1	33.1



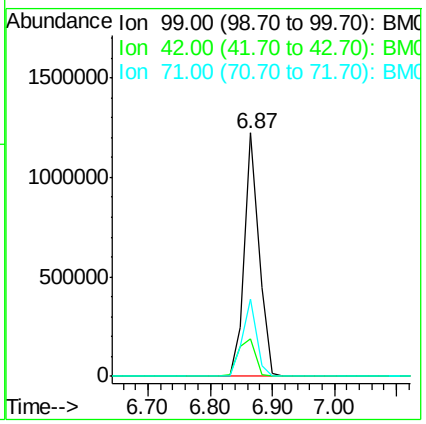


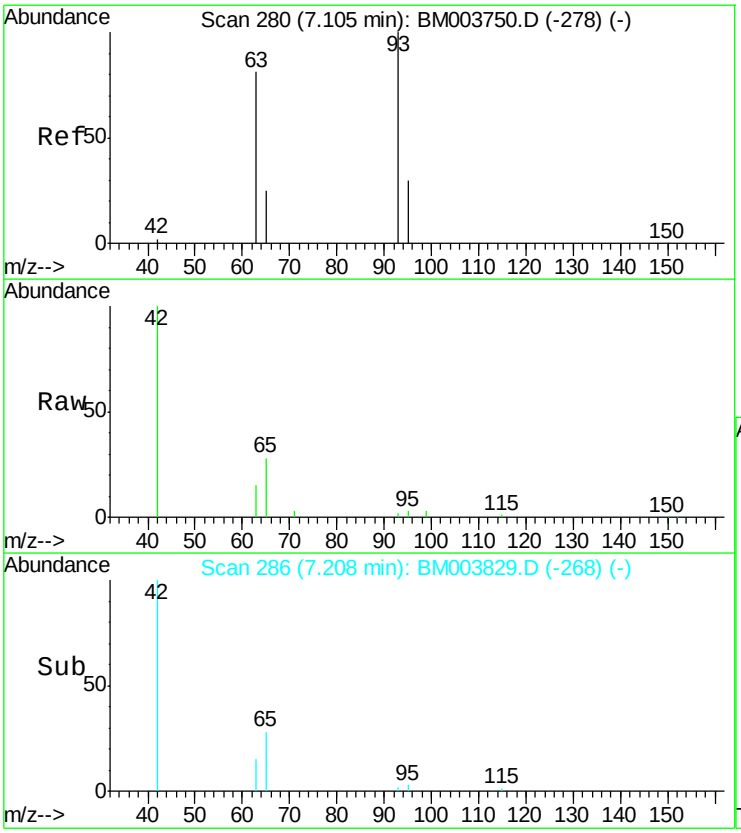
#5
Phenol-d6
Concen: 24.90 ng
RT: 6.87 min Scan# 266
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion: 99 Resp: 2002279

Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.2	24.2
71	31.0	24.4	36.6

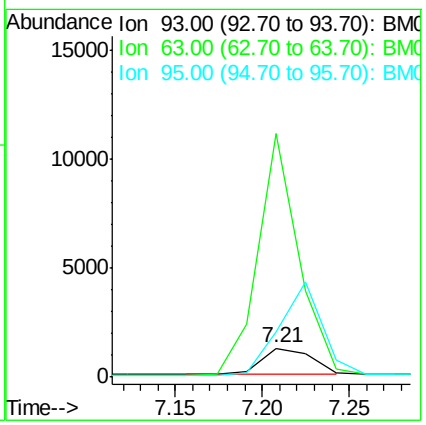


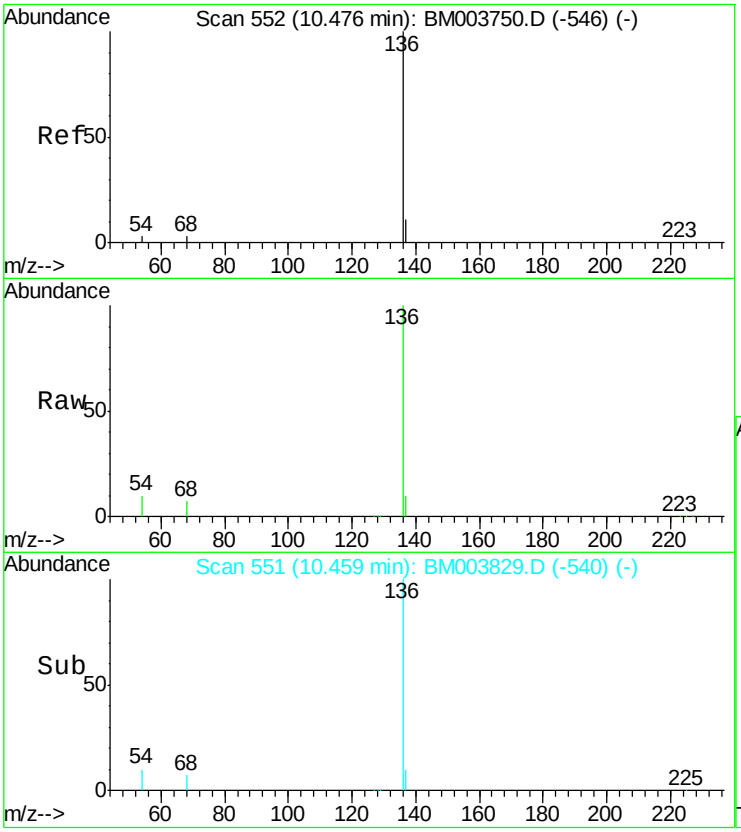


#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.21 min Scan# 286
Delta R.T. 0.10 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion: 93 Resp: 2437

Ion	Ratio	Lower	Upper
93	100		
63	746.0	58.3	87.5#
95	299.2	25.8	38.8#



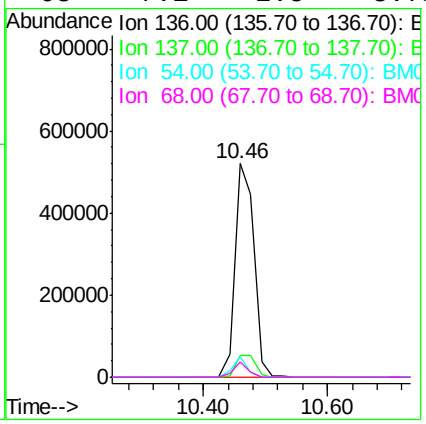


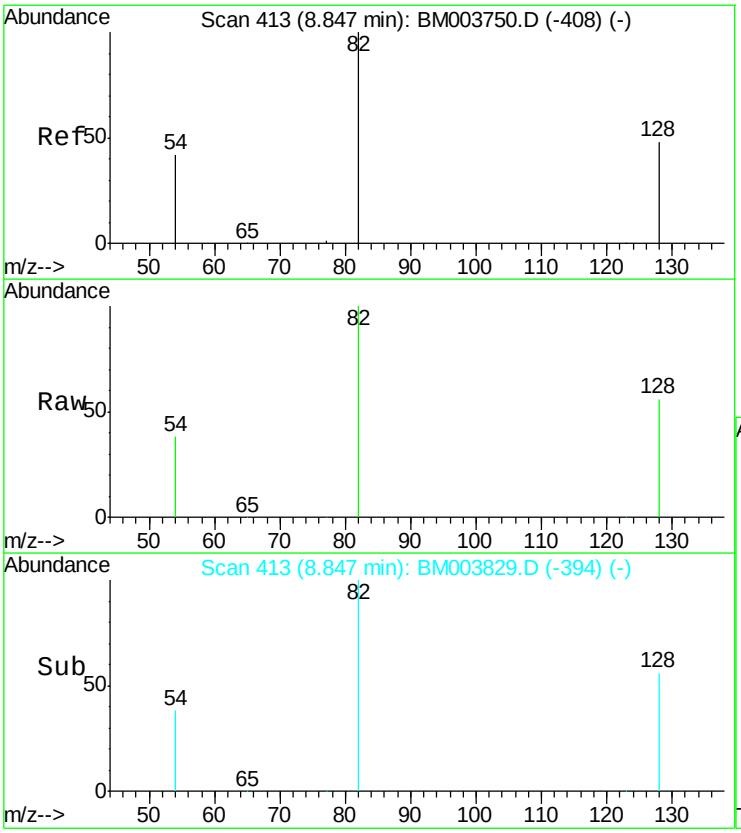
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. -0.02 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion:136 Resp: 1098982

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	9.7	2.8	4.2#
68	7.1	2.5	3.7#

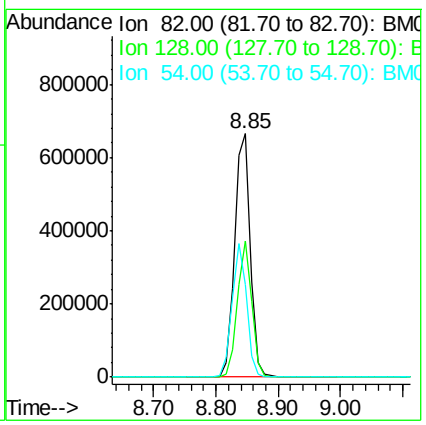


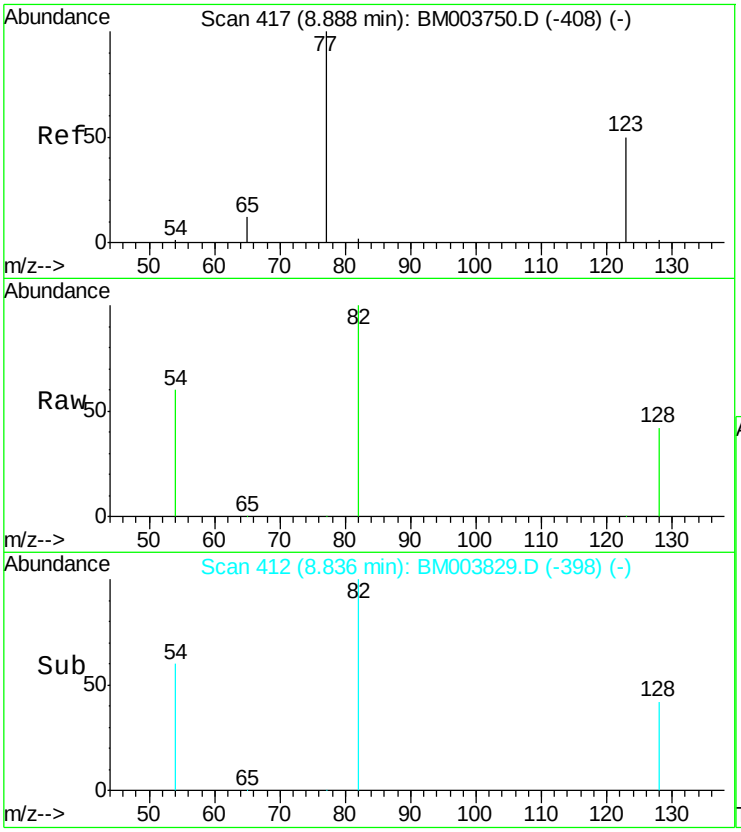


#8
Nitrobenzene-d5
Concen: 20.14 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion: 82 Resp: 1172591

Ion	Ratio	Lower	Upper
82	100		
128	55.8	39.1	58.7
54	37.9	34.8	52.2



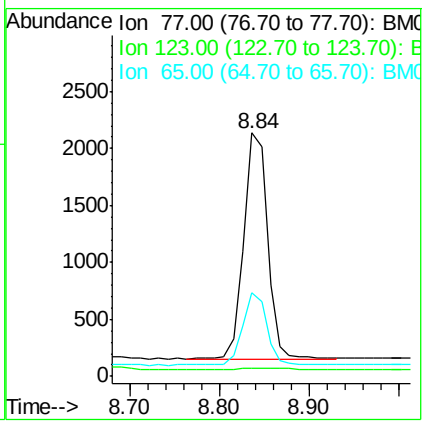


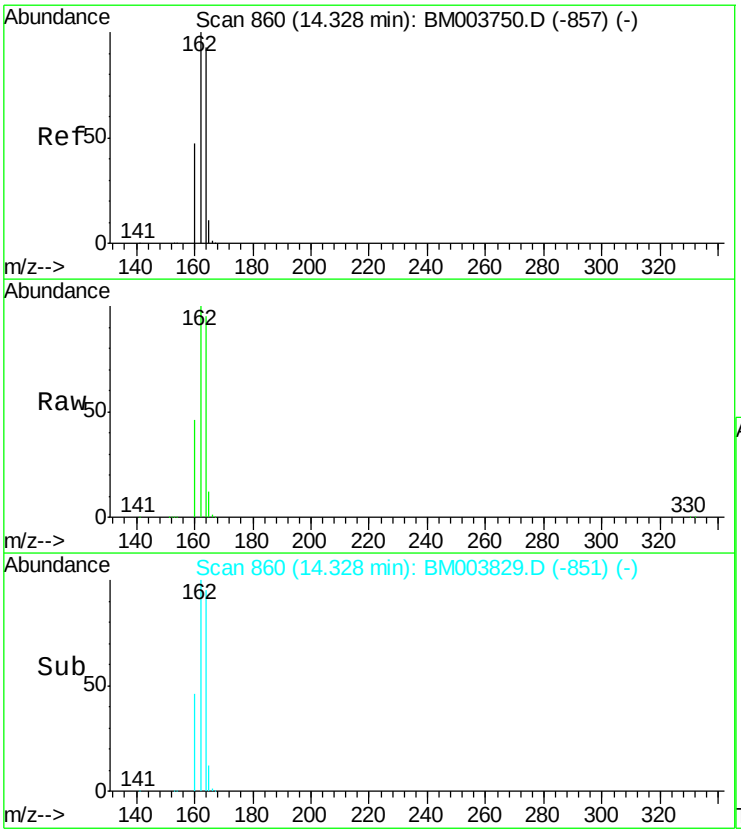
#9
Nitrobenzene
Concen: 0.05 ng
RT: 8.84 min Scan# 412
Delta R.T. -0.05 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion: 77 Resp: 3632

Ion	Ratio	Lower	Upper
77	100		
123	1.2	38.6	57.8#
65	33.3	9.9	14.9#

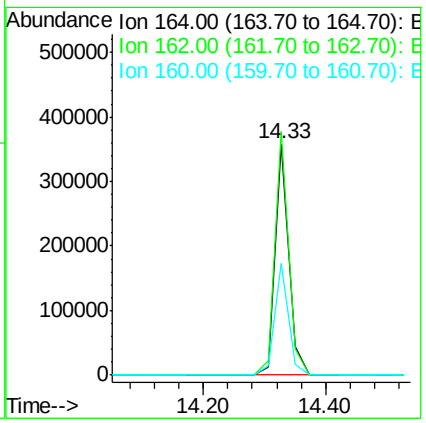


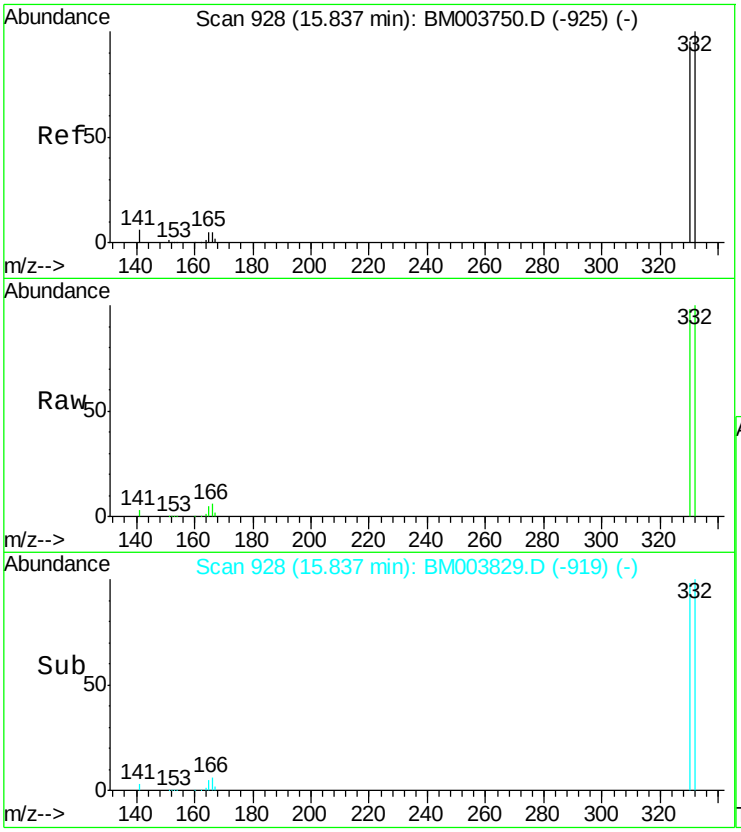


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion:164 Resp: 556823

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.0	129.0
160	48.4	40.3	60.5



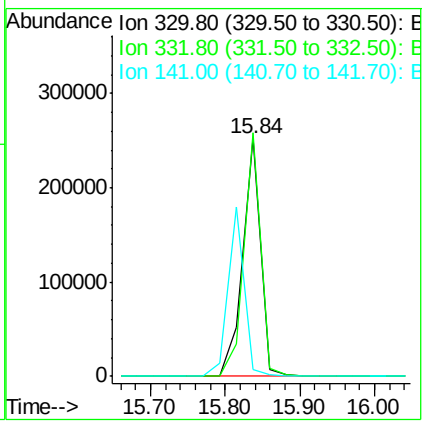


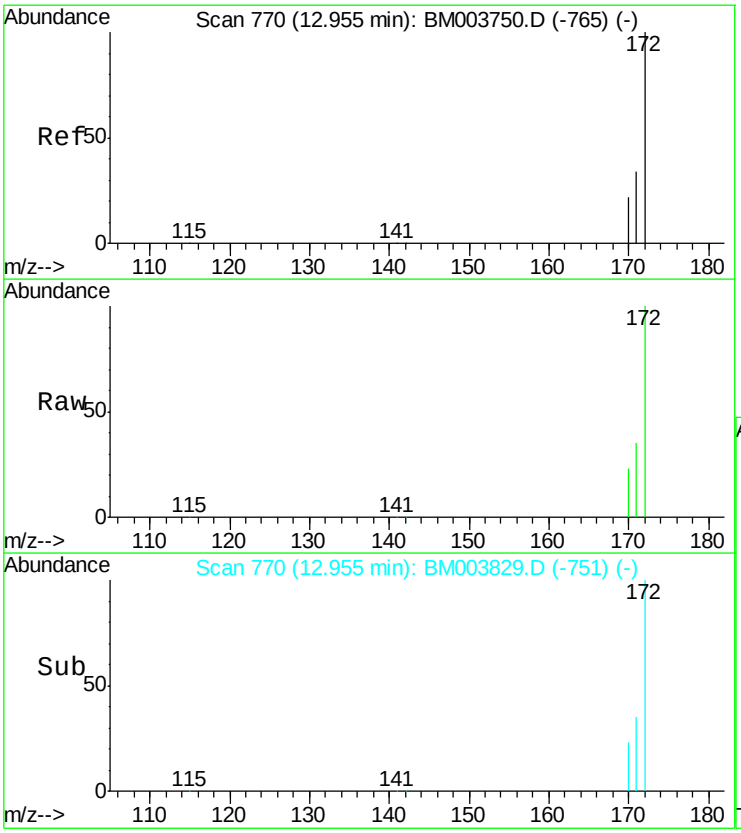
#14
2,4,6-Tribromophenol
Concen: 23.67 ng
RT: 15.84 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion:330 Resp: 419777

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	0.0	0.0	0.0

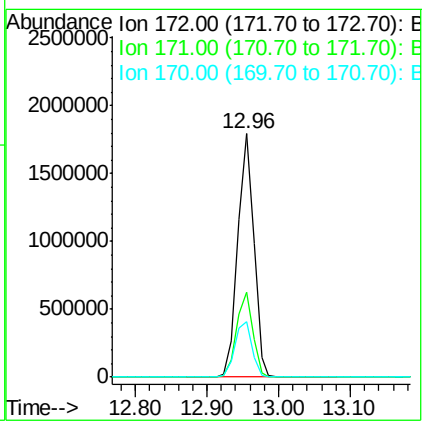


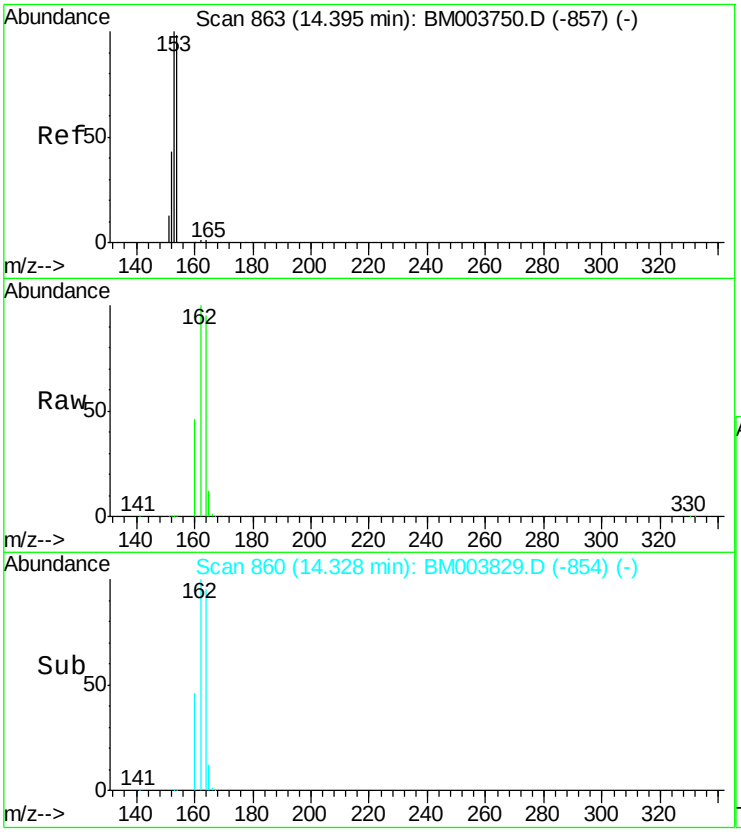


#15
2-Fluorobiphenyl
Concen: 16.15 ng
RT: 12.96 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion:172 Resp: 2750786

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.0	40.6
170	22.8	17.9	26.9



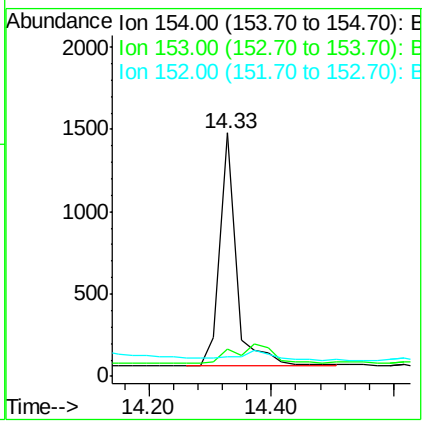


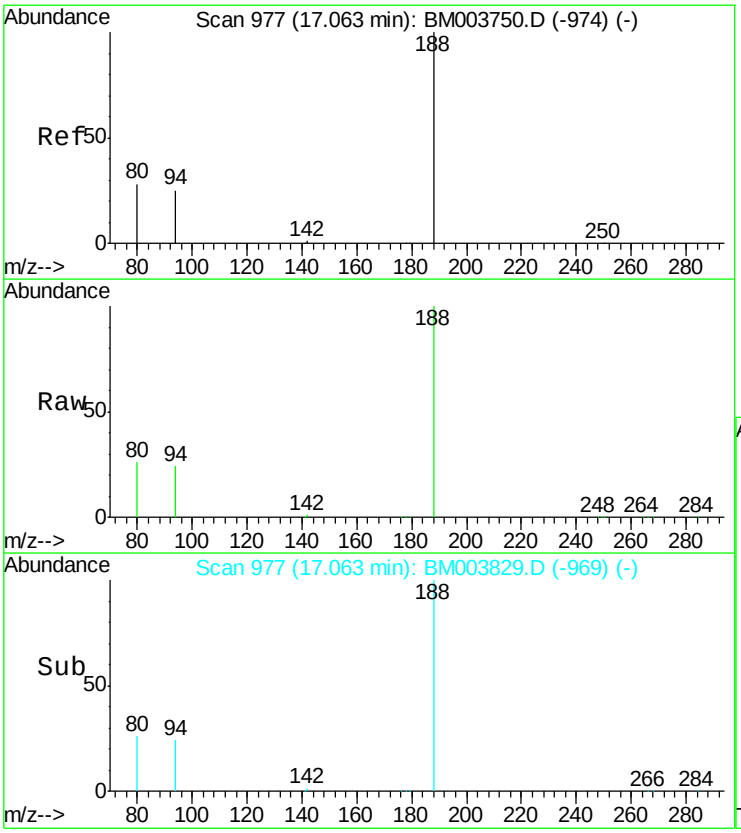
#17
Acenaphthene
Concen: 0.04 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.07 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion:154 Resp: 2589

Ion	Ratio	Lower	Upper
154	100		
153	0.0	85.4	128.2#
152	0.0	40.6	60.8#

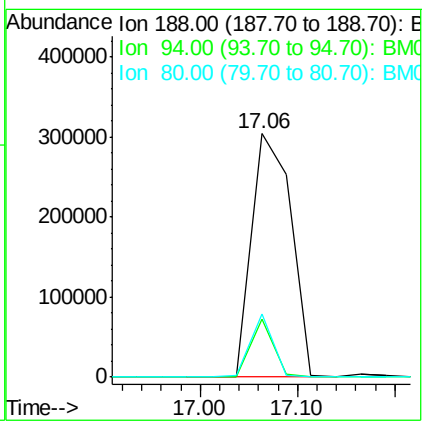


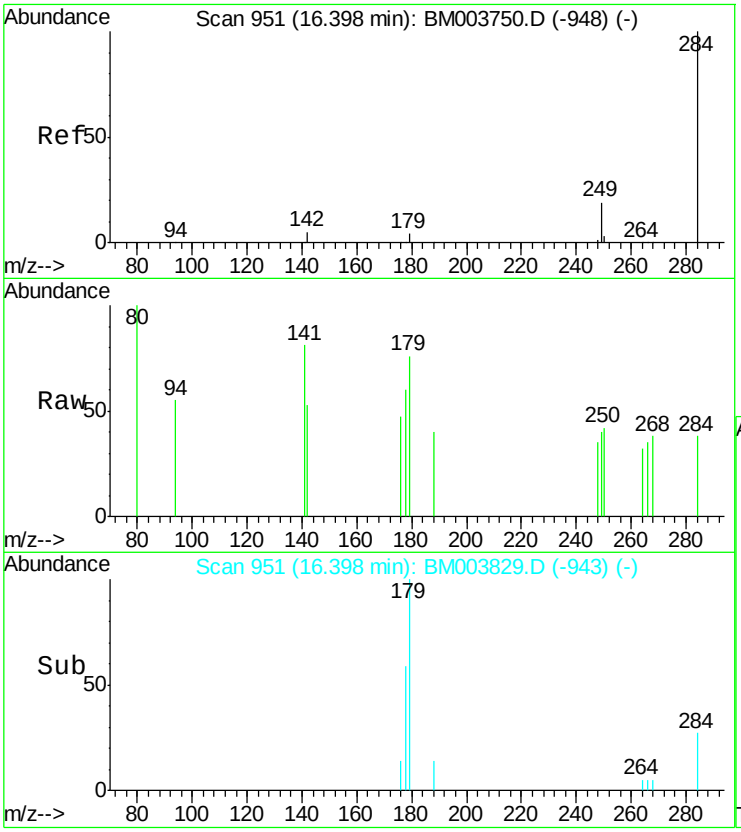


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion:188 Resp: 859143

Ion	Ratio	Lower	Upper
188	100		
94	23.8	20.3	30.5
80	26.0	22.2	33.4



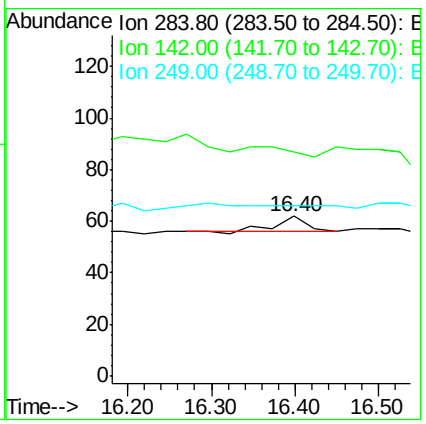


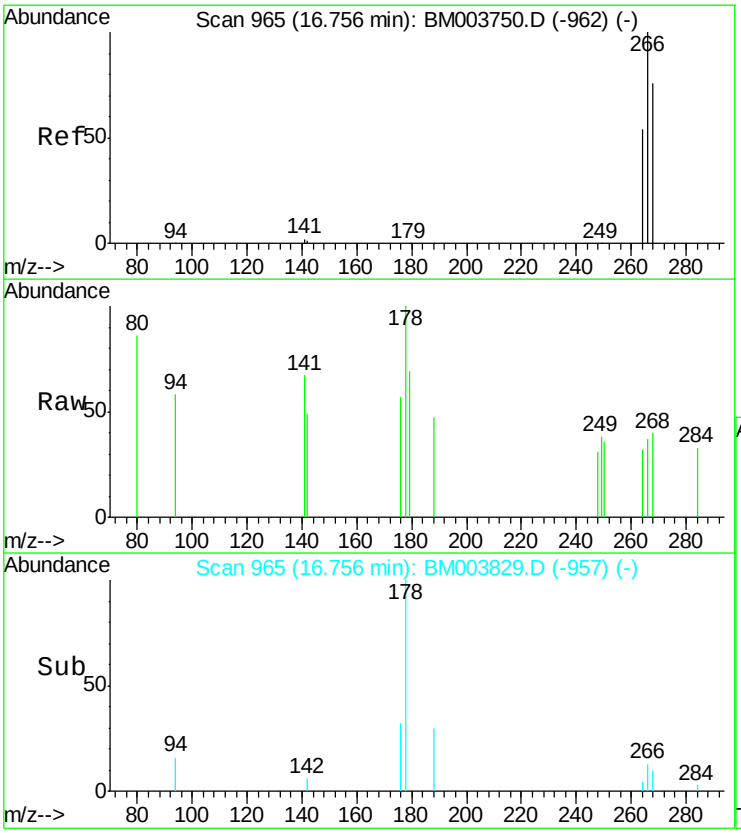
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion:284 Resp: 14

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	21.5	32.3#

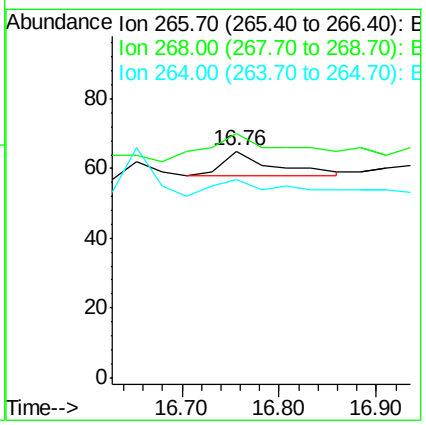


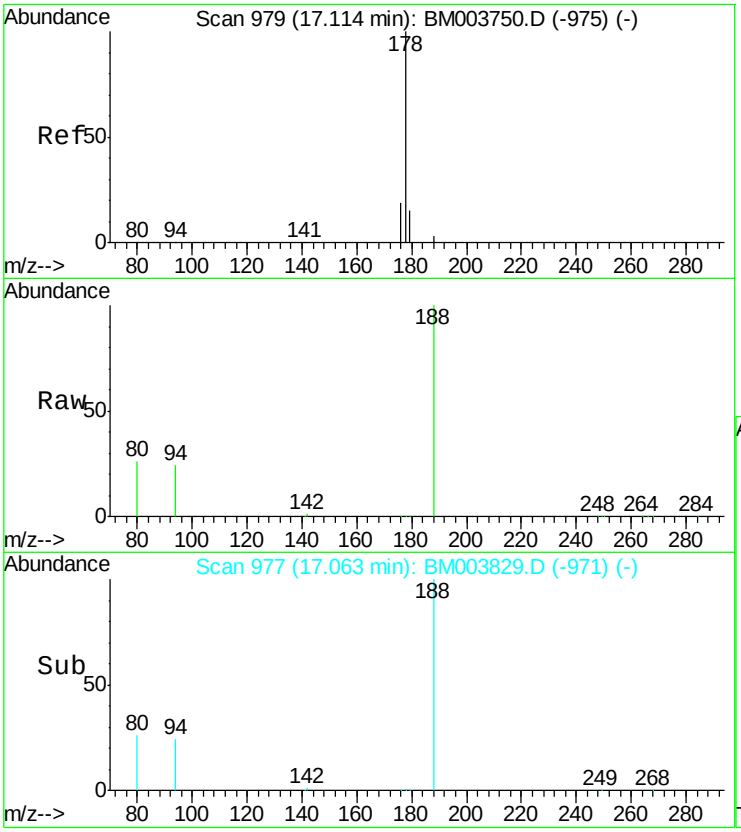


#22
Pentachlorophenol
Concen: 0.38 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion:266 Resp: 25

Ion	Ratio	Lower	Upper
266	100		
268	107.7	62.7	94.1#
264	87.7	45.7	68.5#



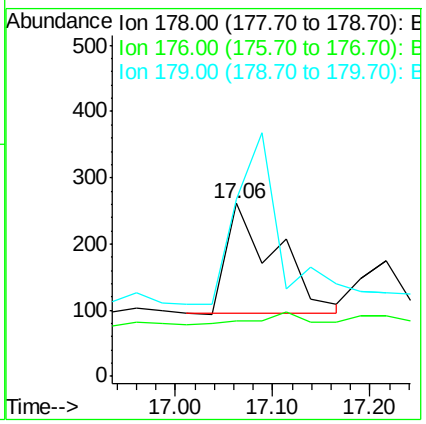


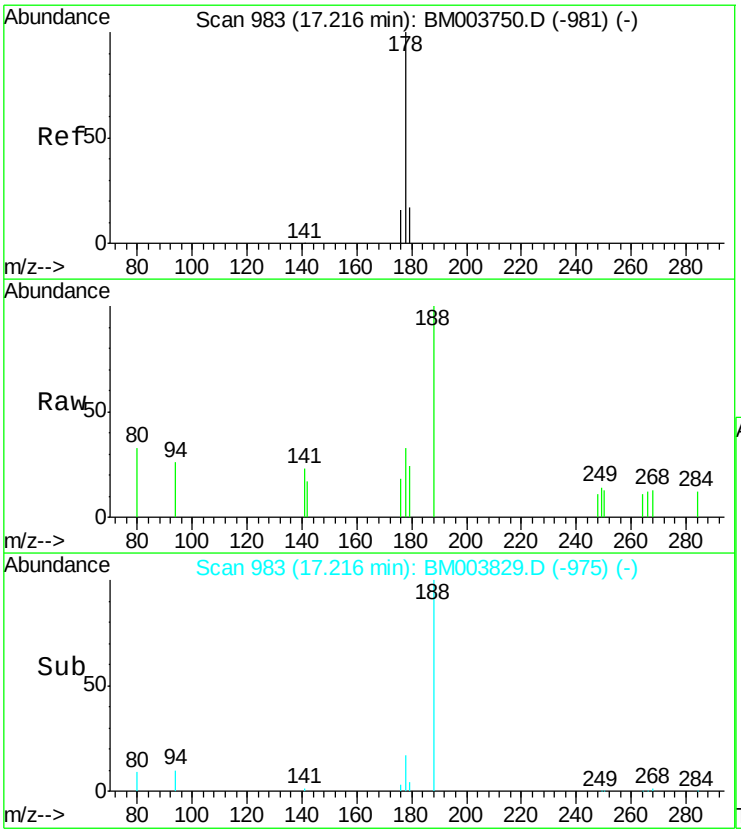
#23
Phenanthrene
Concen: Below Cal
RT: 17.06 min Scan# 977
Delta R.T. -0.05 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion:178 Resp: 586

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

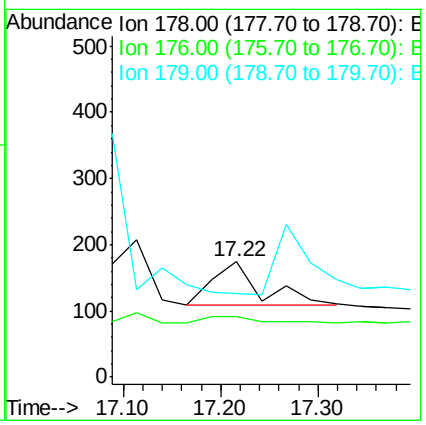


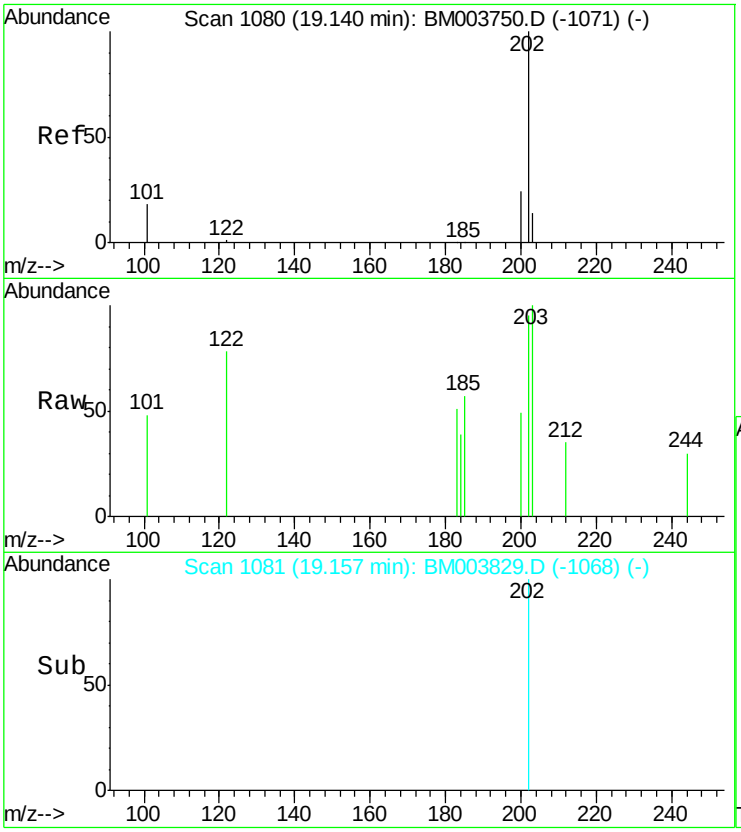


#24
Anthracene
Concen: 0.06 ng
RT: 17.22 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion:178 Resp: 222

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.6	21.8
179	0.0	12.6	19.0#



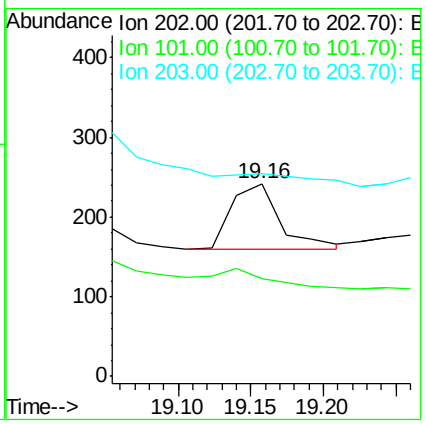


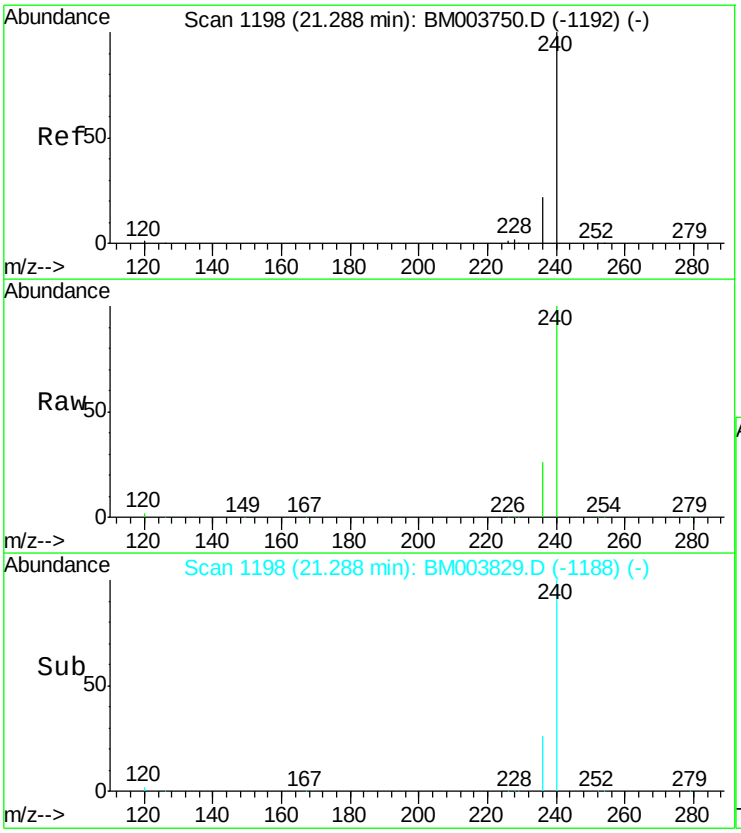
#25
Fluoranthene
Concen: 0.10 ng
RT: 19.16 min Scan# 1081
Delta R.T. 0.02 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion:202 Resp: 199

Ion	Ratio	Lower	Upper
202	100		
101	34.7	9.7	14.5#
203	0.0	13.8	20.8#

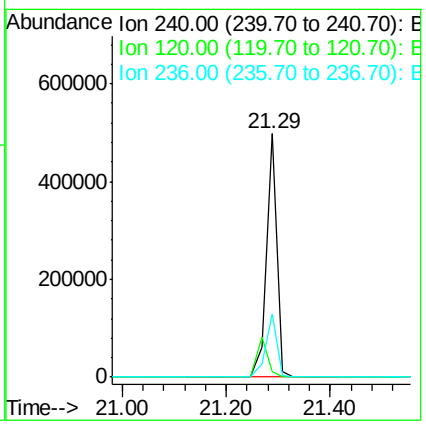


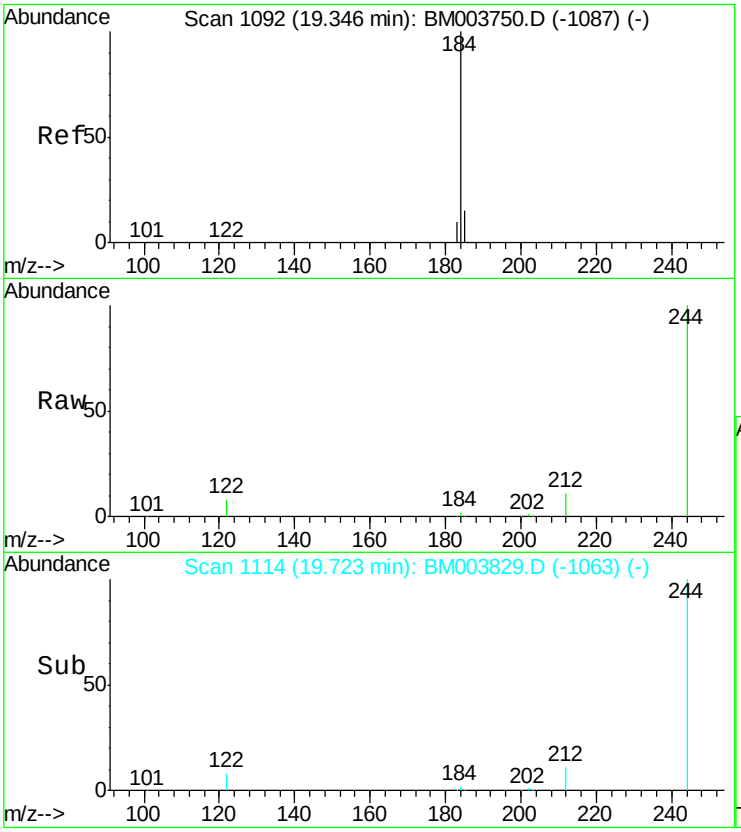


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion:240 Resp: 706675

Ion	Ratio	Lower	Upper
240	100		
120	2.4	0.9	1.3#
236	26.0	17.3	25.9#



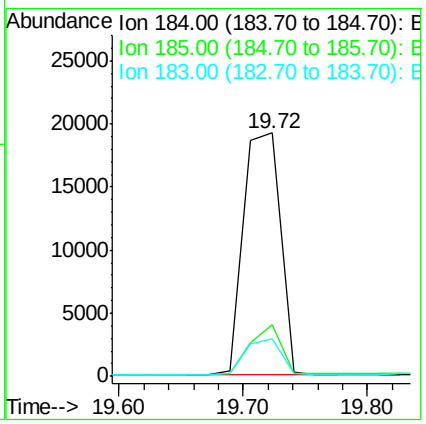


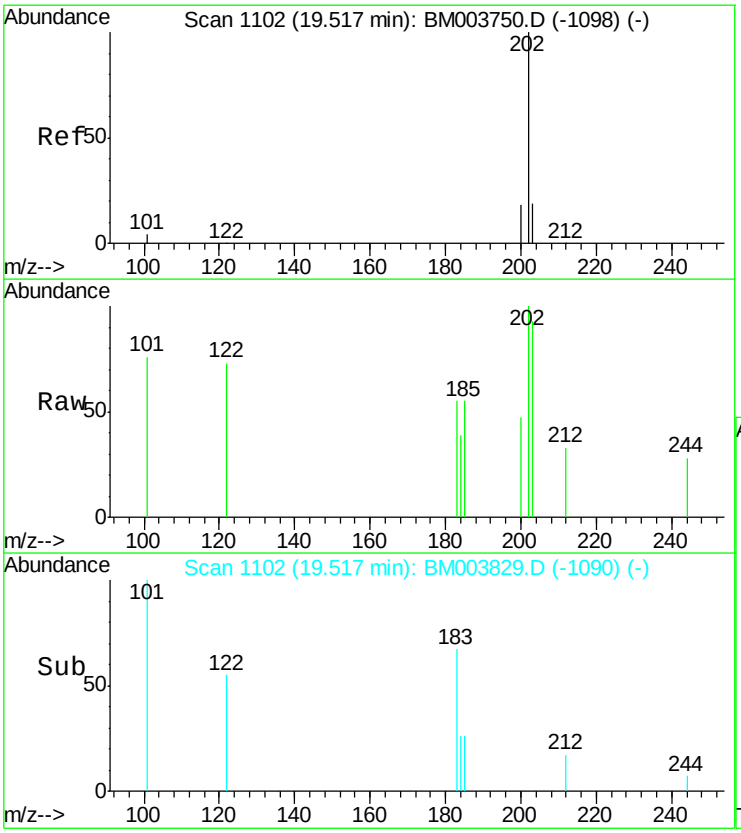
#27
Benzidine
Concen: 0.94 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.38 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion:184 Resp: 39470

Ion	Ratio	Lower	Upper
184	100		
185	21.1	13.2	19.8#
183	15.2	9.0	13.6#

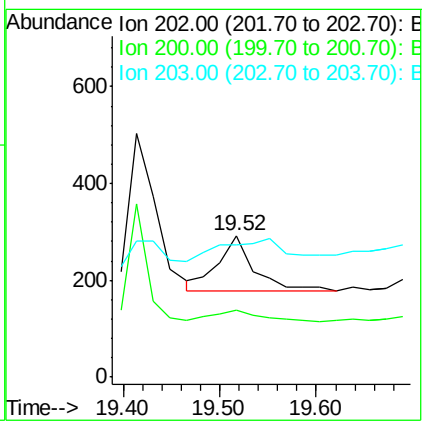


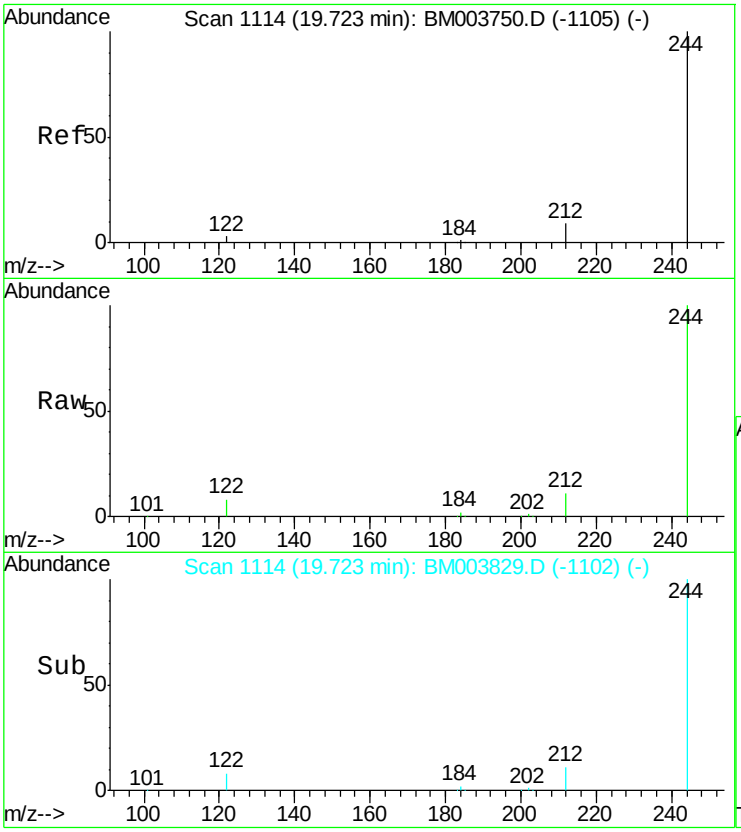


#28
Pyrene
Concen: Below Cal
RT: 19.52 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion:202 Resp: 290

Ion	Ratio	Lower	Upper
202	100		
200	30.3	16.6	24.8#
203	0.0	14.0	21.0#



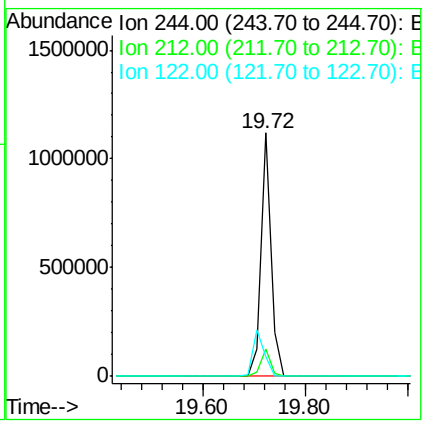


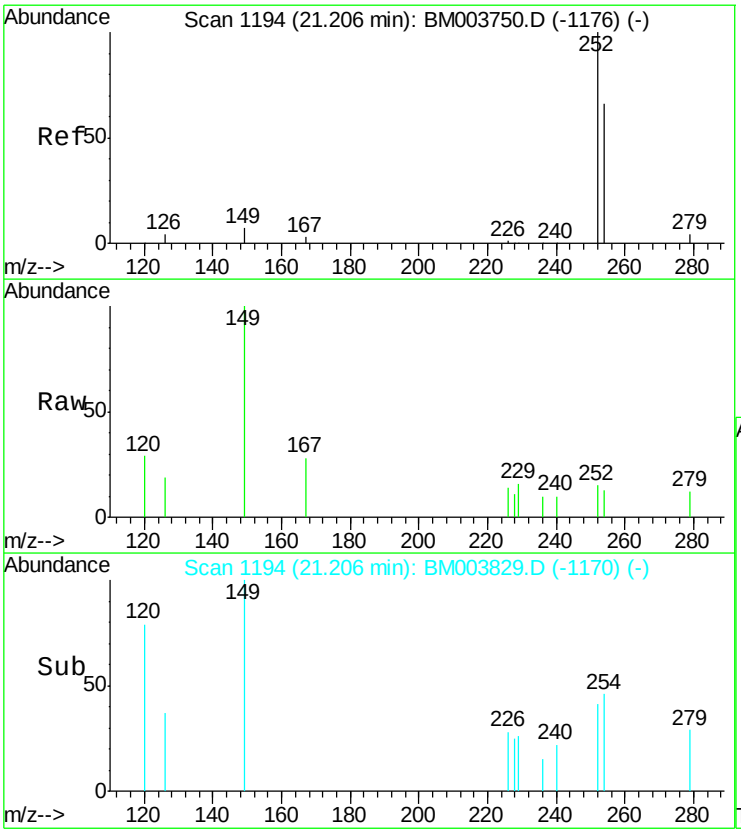
#29
Terphenyl-d14
Concen: 13.49 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion:244 Resp: 1494694

Ion	Ratio	Lower	Upper
244	100		
212	11.4	7.0	10.6#
122	8.2	3.0	4.6#

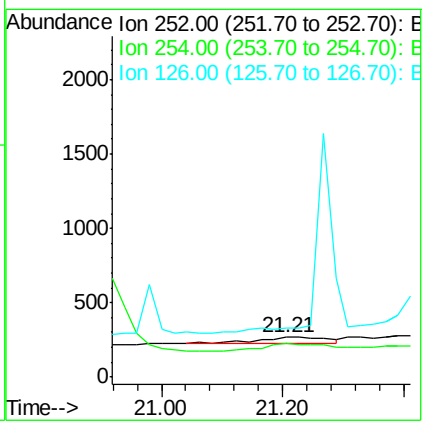


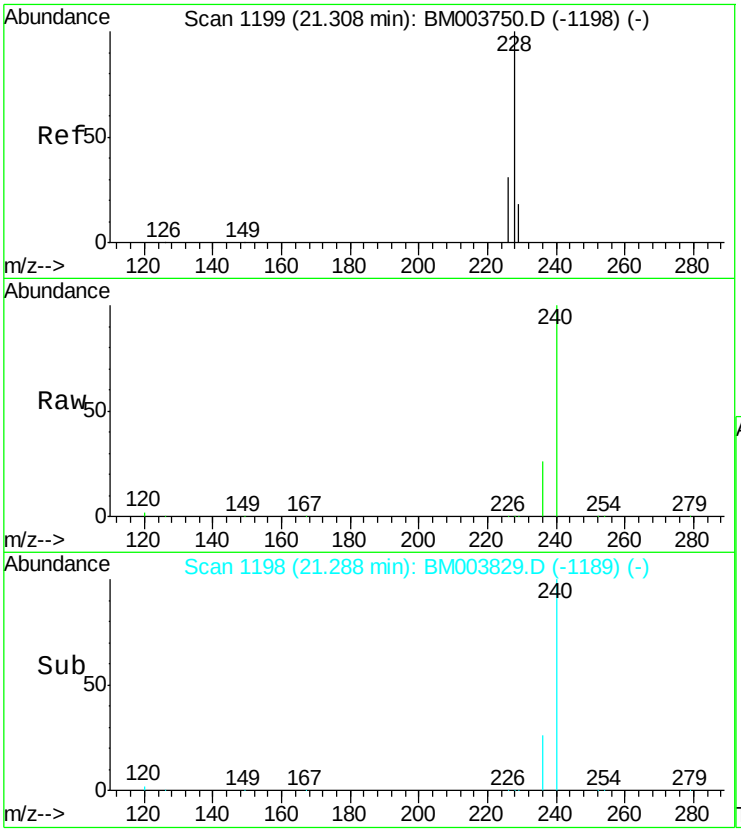


#31
3,3'-Dichlorobenzidine
Concen: 0.25 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion:252 Resp: 350

Ion	Ratio	Lower	Upper
252	100		
254	83.3	52.6	79.0#
126	123.8	3.7	5.5#



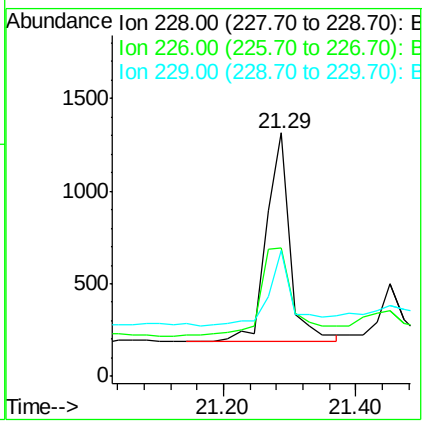


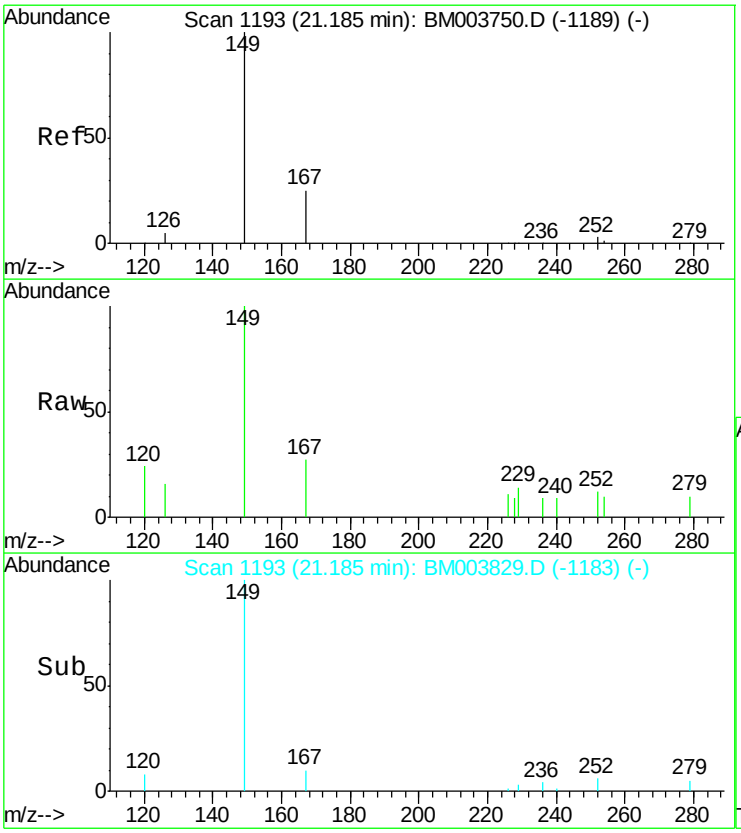
#32
Chrysene
Concen: Below Cal
RT: 21.29 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion:228 Resp: 2785

Ion	Ratio	Lower	Upper
228	100		
226	53.0	25.3	37.9#
229	51.9	14.5	21.7#

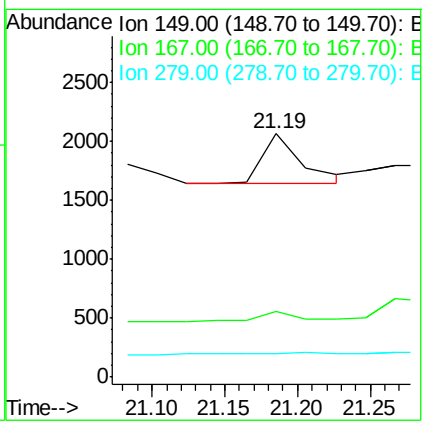


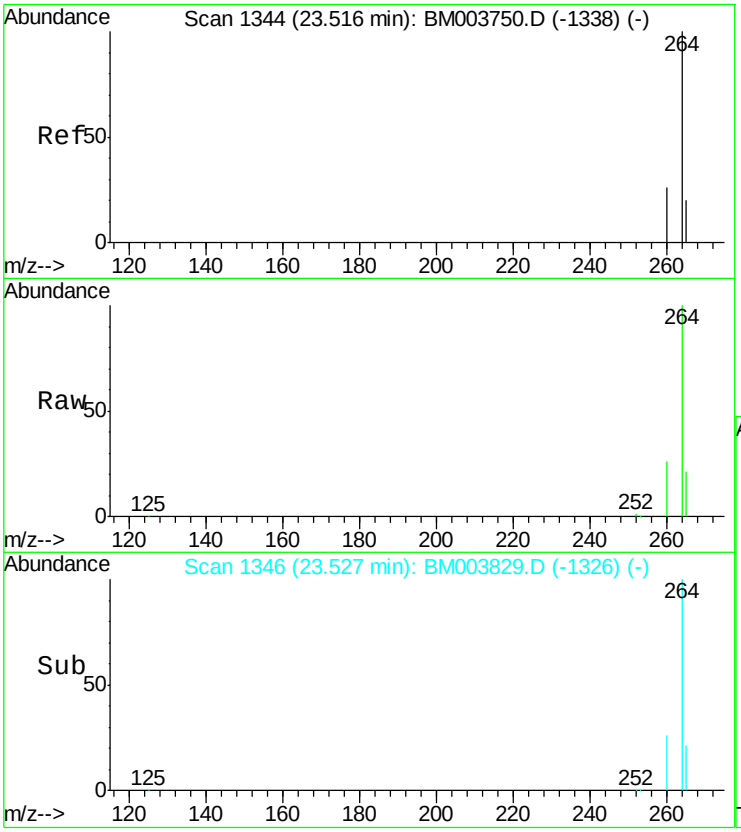


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Tgt Ion:149 Resp: 805

Ion	Ratio	Lower	Upper
149	100		
167	31.6	20.1	30.1#
279	0.0	0.0	0.0





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BM003829.D
Acq: 28 Dec 2015 15:33

Instrument :
BNA_M
ClientSampleId :
PB87573BL

Tgt Ion:264 Resp: 614201

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.2	31.8
265	21.2	16.7	25.1