Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003771.D
Acq On : 24 Dec 2015 10:12
Operator : UM/SJ
Sample : G4931-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 24 14:58:12 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	40493	5.00	ng		0.00
7) Naphthalene-d8	10.48	136	172917	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	99393	5.00	ng		0.00
19) Phenanthrene-d10	17.06	188	184299	5.00	ng		0.00
26) Chrysene-d12	21.29	240	199520	5.00	ng		0.00
35) Perylene-d12	23.53	264	182408	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	26133	2.73	ng		0.00
5) Phenol-d6	6.87	99	20288	1.73	ng		0.00
8) Nitrobenzene-d5	8.85	82	32608	3.56	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	23443	7.51	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	124166	4.08	ng		0.00
29) Terphenyl-d14	19.72	244	153717	4.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	185	Below Cal		#	13
10) Naphthalene	10.51	128	1710	0.04	ng	#	83
17) Acenaphthene	14.33	154	466	0.04	ng	#	7
18) Fluorene	15.39	166	388	Below Cal		#	96
20) 4-Bromophenyl-phenylether	16.27	248	17	Below Cal		#	58
21) Hexachlorobenzene	16.40	284	31	Below Cal		#	77
22) Pentachlorophenol	16.76	266	55	0.39	ng	#	70
23) Phenanthrene	17.11	178	1376	Below Cal		#	84
24) Anthracene	17.11	178	1175	0.09	ng		94
25) Fluoranthene	19.16	202	541	0.11	ng		99
27) Benzidine	19.71	184	3340	0.40	ng	#	92
28) Pyrene	19.52	202	572	Below Cal		#	93
31) 3,3'-Dichlorobenzidine	21.00	252	17	0.24	ng	#	53
32) Chrysene	21.27	228	1519	Below Cal		#	81
33) Bis(2-ethylhexyl)phthalate	21.19	149	1669	0.23	ng	#	89

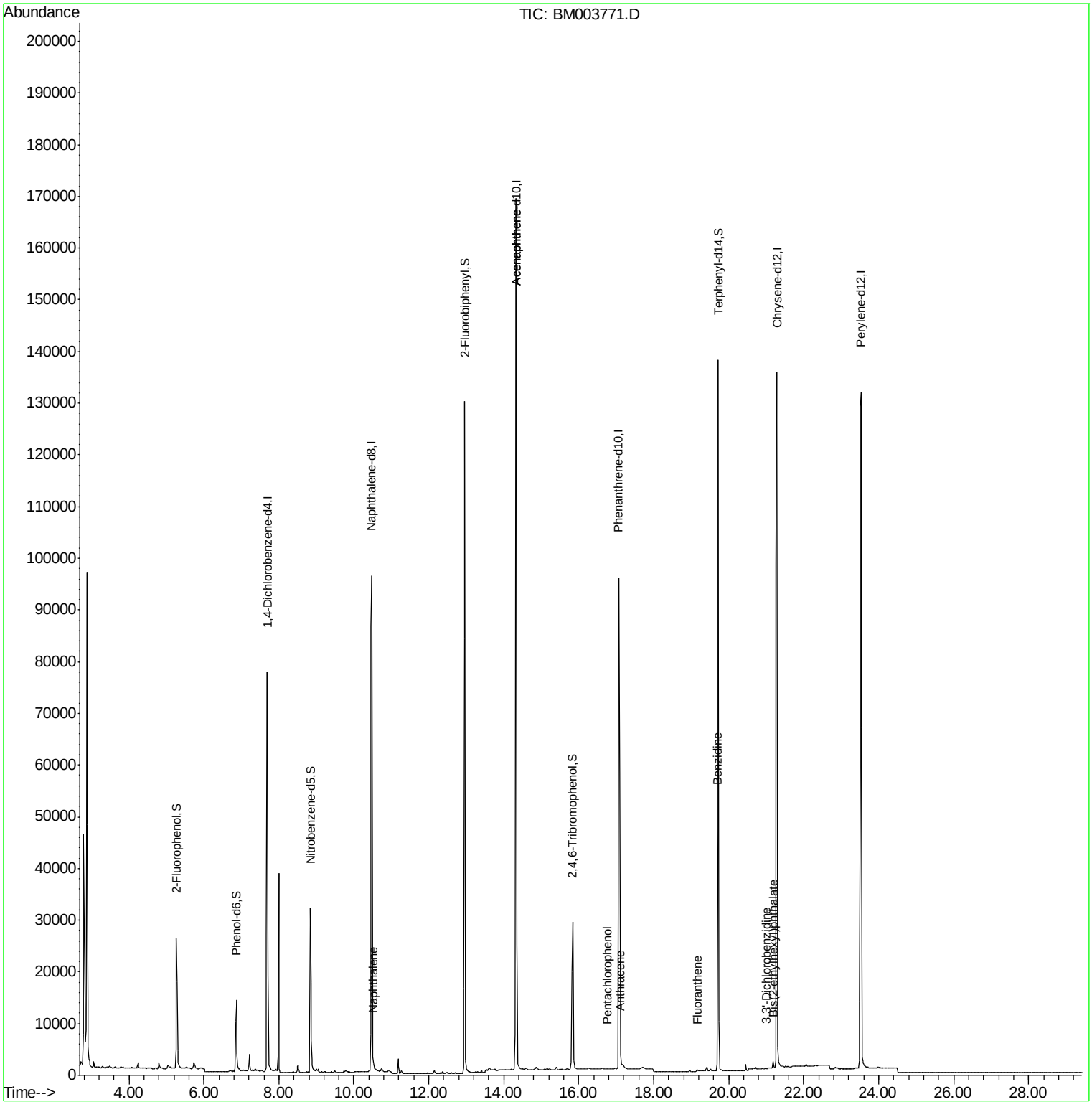
(#) = qualifier out of range (m) = manual integration (+) = signals summed

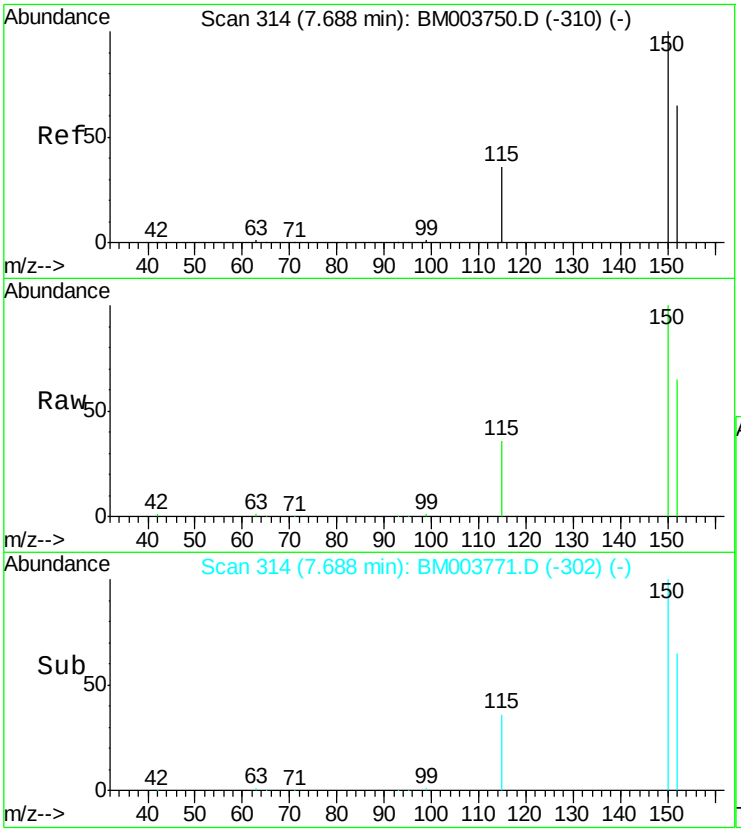
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003771.D
Acq On : 24 Dec 2015 10:12
Operator : UM/SJ
Sample : G4931-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 14:58:12 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

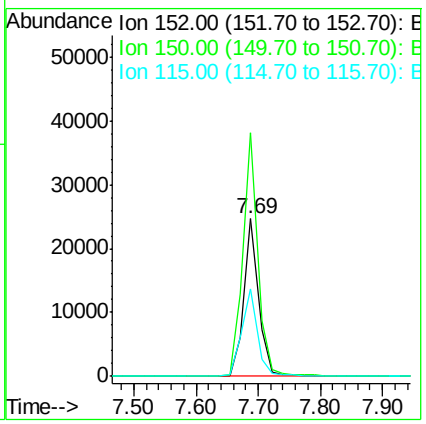




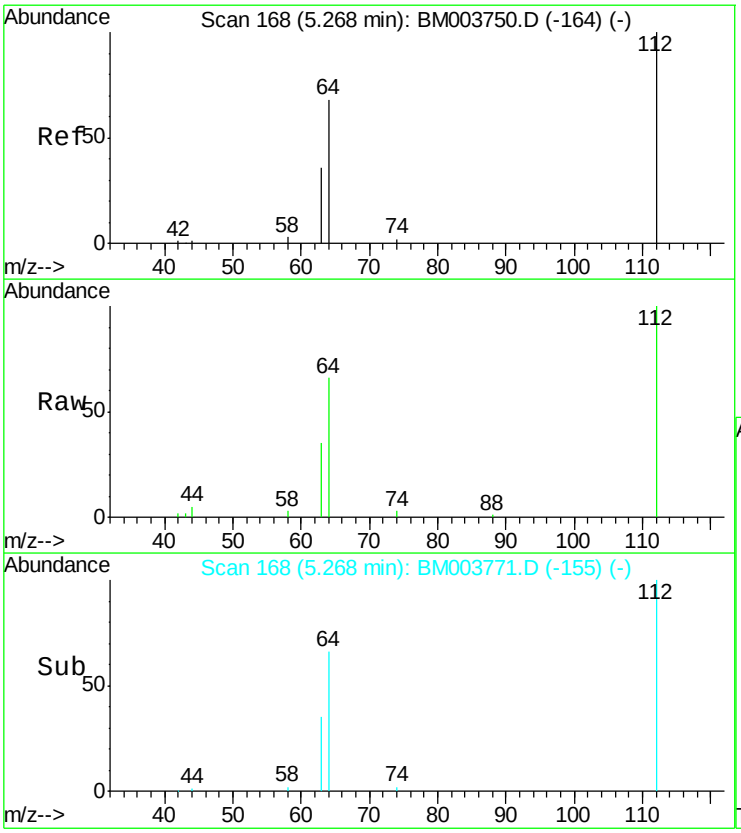
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:152 Resp: 40493

Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.9	184.3
115	55.5	44.4	66.6



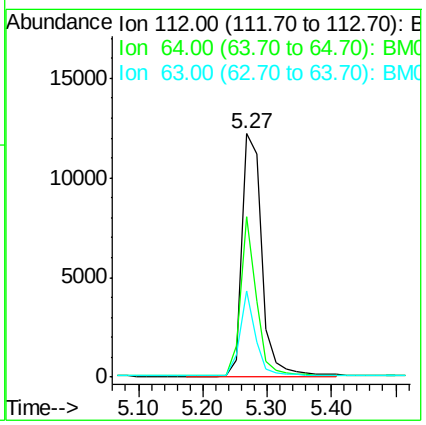
Instrument :
BNA_M
ClientSampleId :

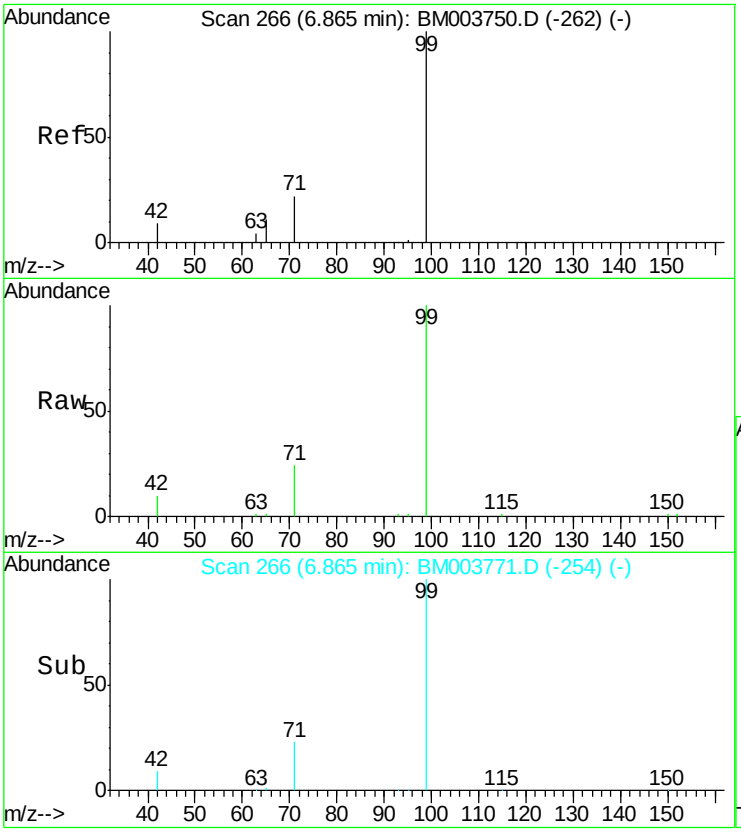


#4
2-Fluorophenol
Concen: 2.73 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:112 Resp: 26133

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.8	62.8
63	27.5	22.1	33.1



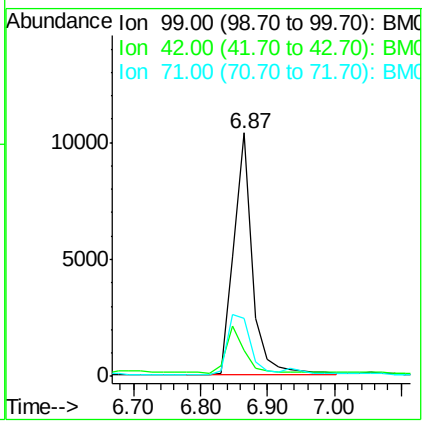


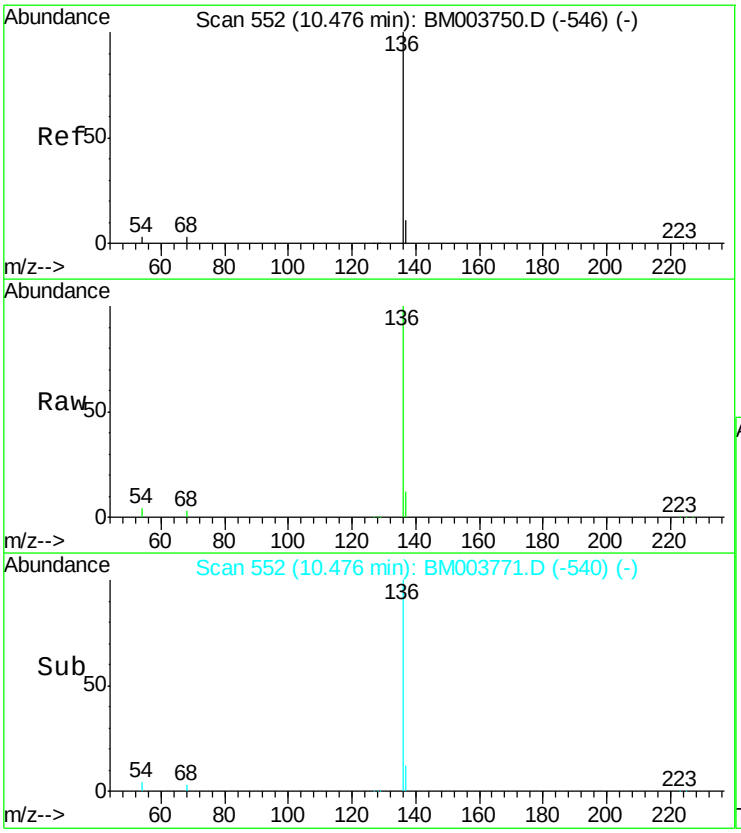
#5
Phenol-d6
Concen: 1.73 ng
RT: 6.87 min Scan# 266
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 20288

Ion	Ratio	Lower	Upper
99	100		
42	17.8	16.2	24.2
71	30.6	24.4	36.6

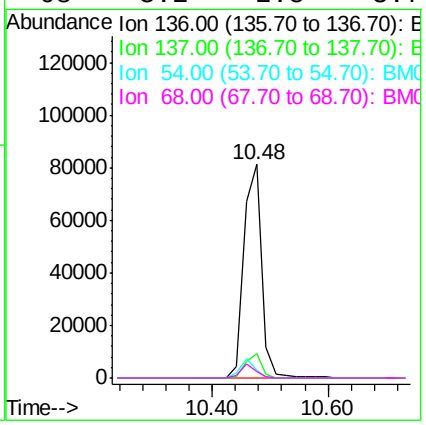


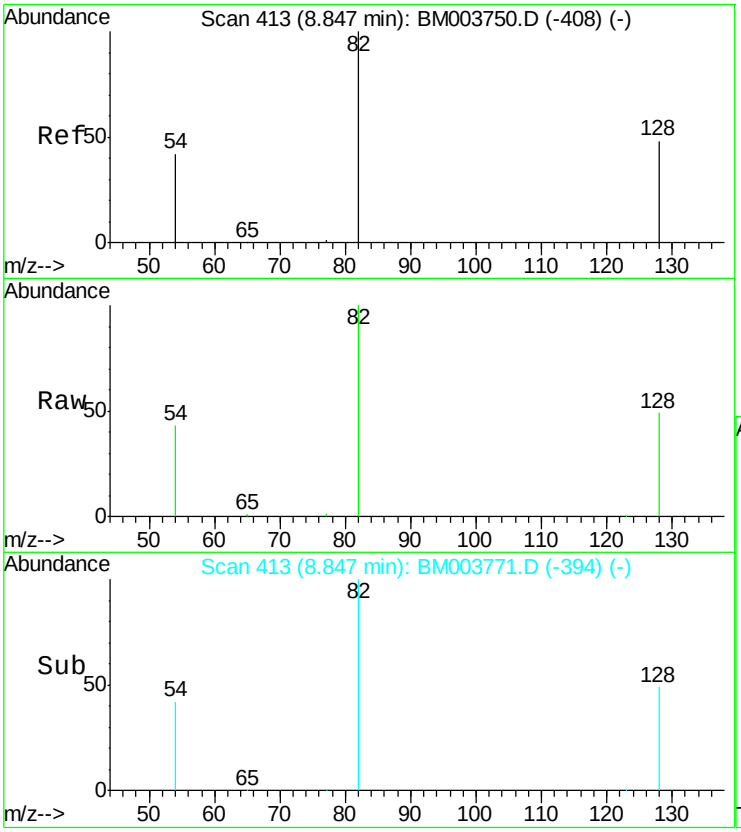


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.48 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:136 Resp: 172917

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	3.7	2.8	4.2
68	3.2	2.5	3.7



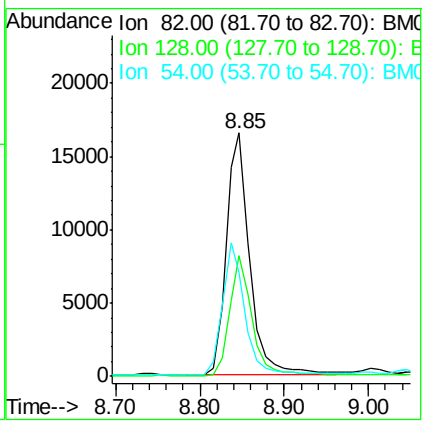


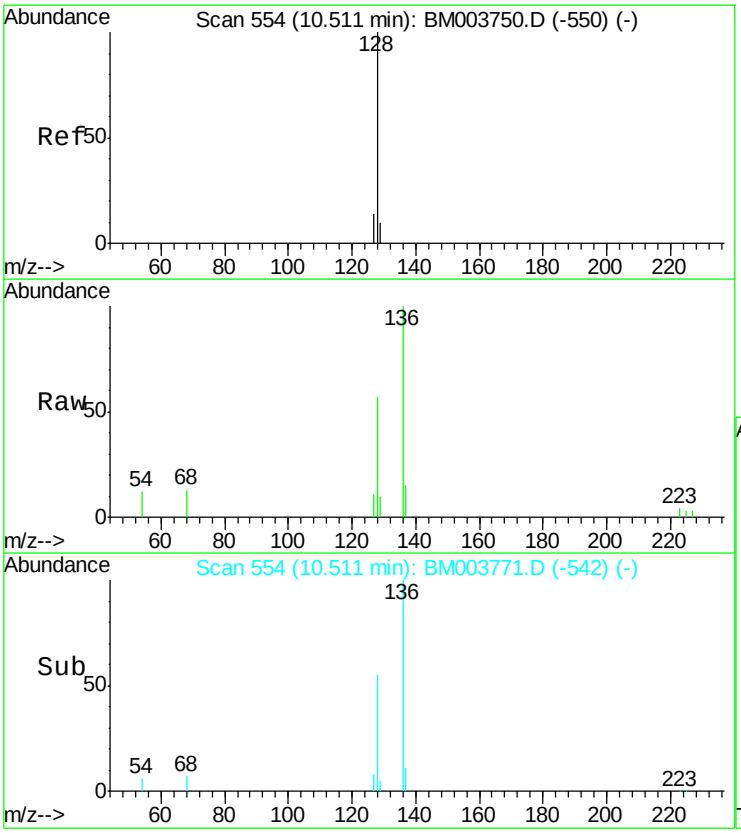
#8
Nitrobenzene-d5
Concen: 3.56 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 32608

Ion	Ratio	Lower	Upper
82	100		
128	49.5	39.1	58.7
54	42.8	34.8	52.2

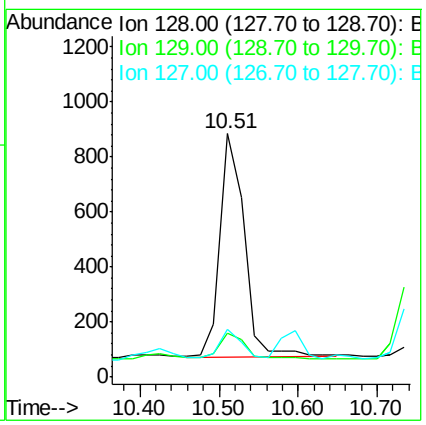


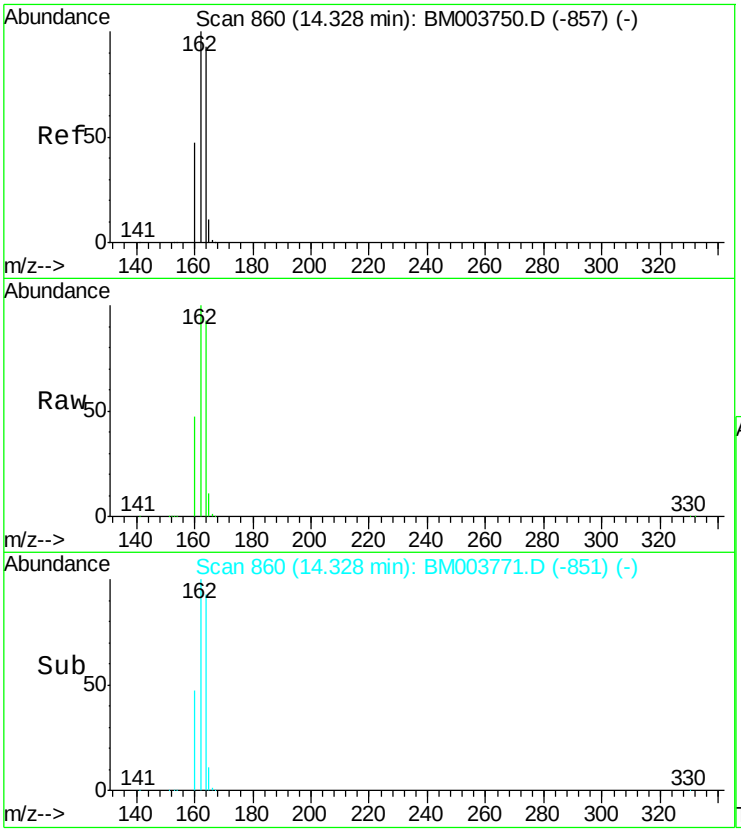


#10
Naphthalene
Concen: 0.04 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:128 Resp: 1710

Ion	Ratio	Lower	Upper
128	100		
129	17.7	8.5	12.7#
127	19.7	11.0	16.4#



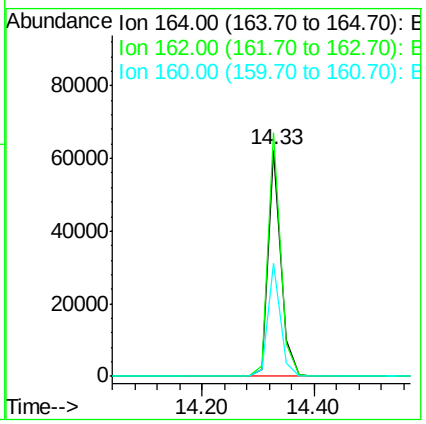


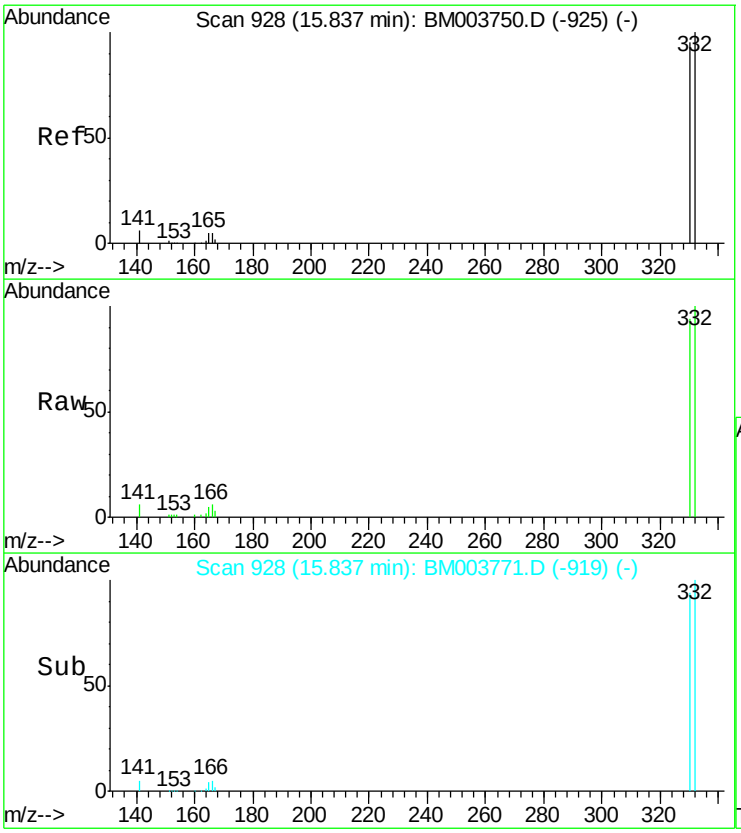
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 99393

Ion	Ratio	Lower	Upper
164	100		
162	107.8	86.0	129.0
160	50.3	40.3	60.5

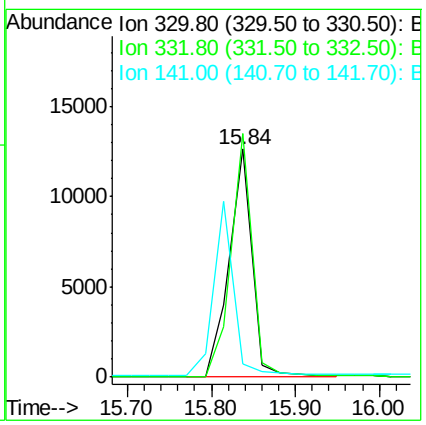


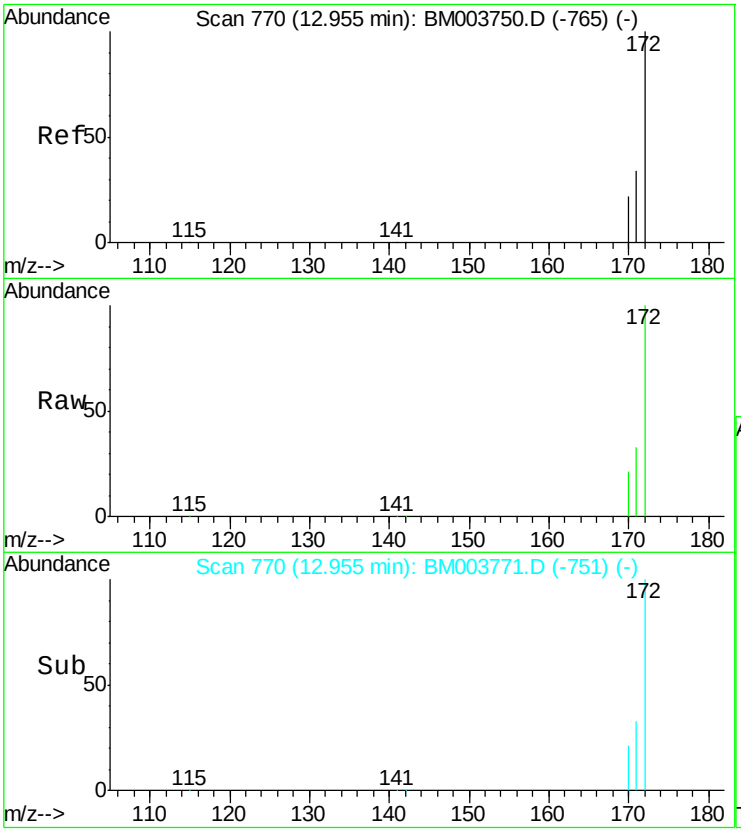


#14
2,4,6-Tribromophenol
Concen: 7.51 ng
RT: 15.84 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:330 Resp: 23443

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



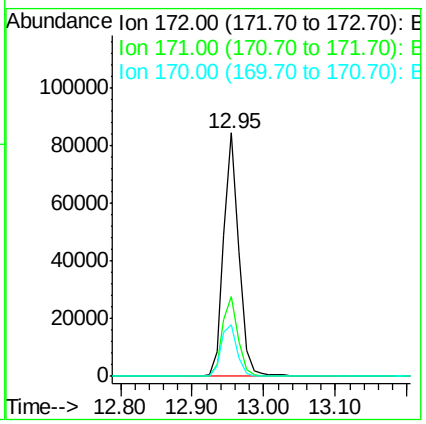


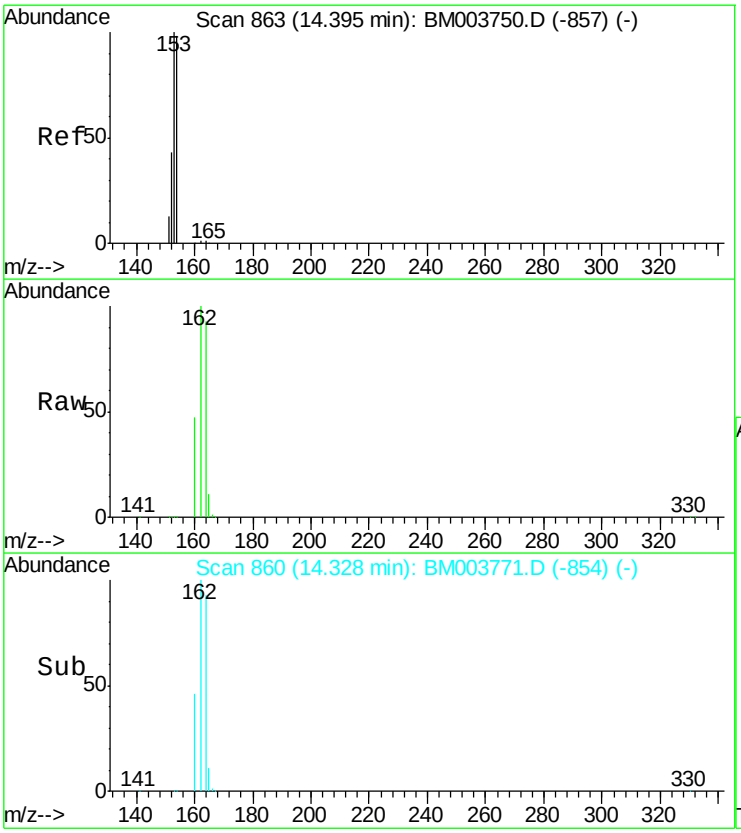
#15
2-Fluorobiphenyl
Concen: 4.08 ng
RT: 12.95 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 124166

Ion	Ratio	Lower	Upper
172	100		
171	32.8	27.0	40.6
170	21.1	17.9	26.9

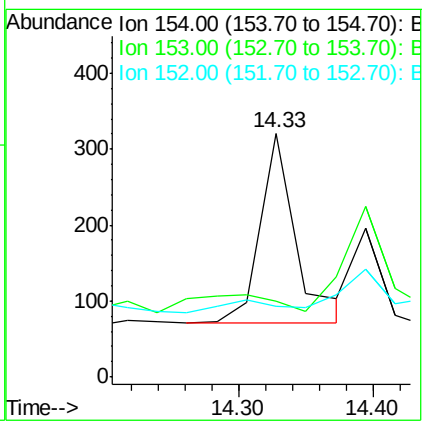


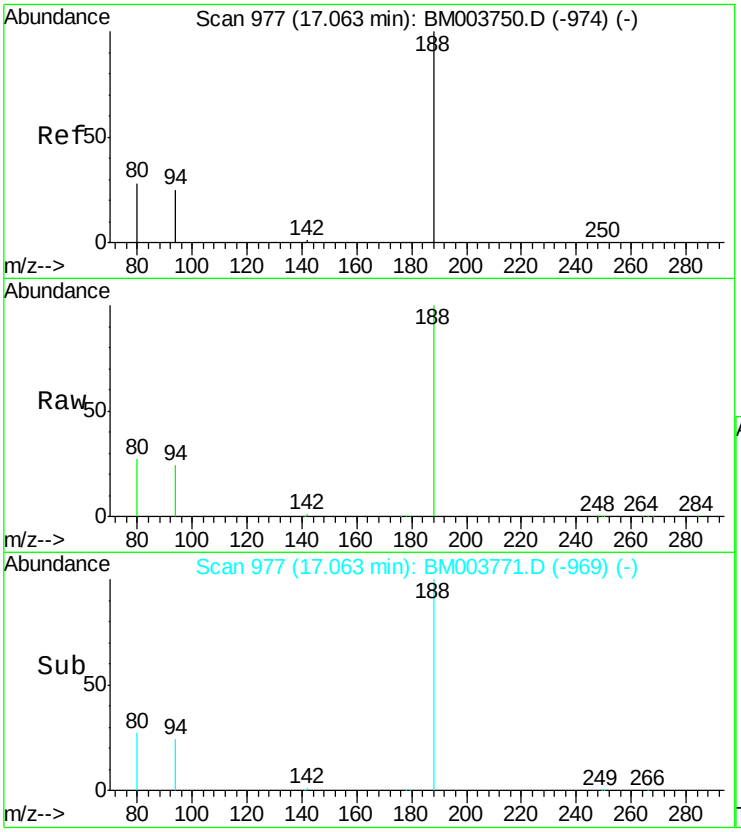


#17
Acenaphthene
Concen: 0.04 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.07 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:154 Resp: 466

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



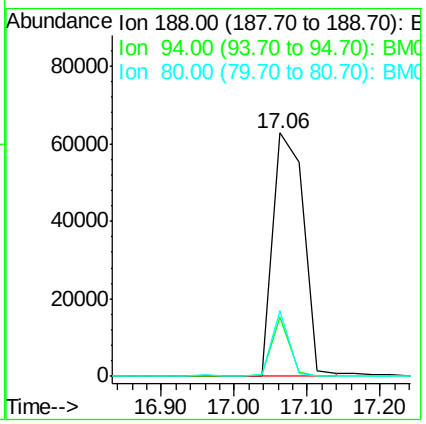


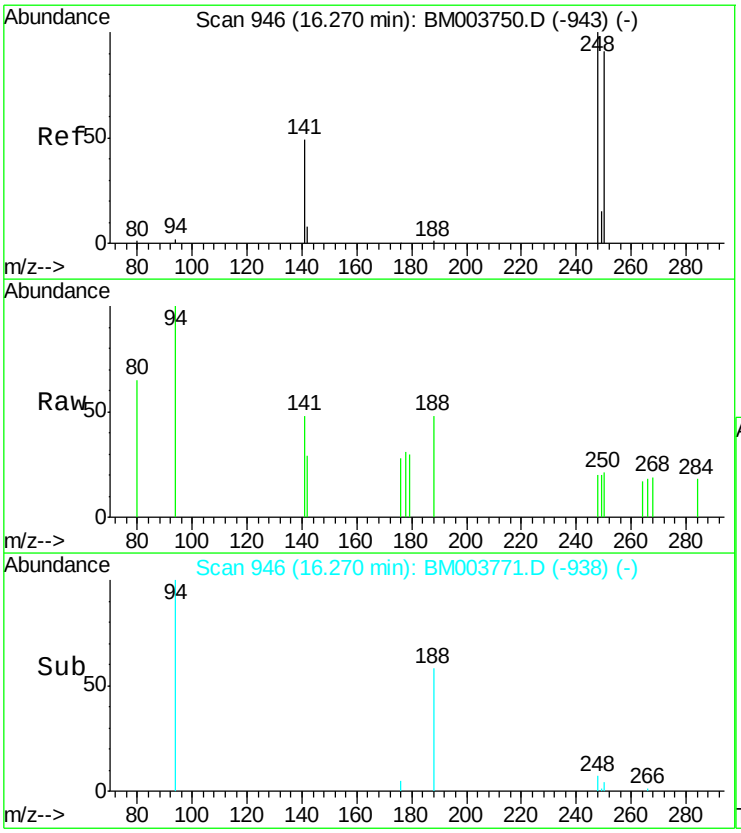
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 184299

Ion	Ratio	Lower	Upper
188	100		
94	24.4	20.3	30.5
80	26.9	22.2	33.4

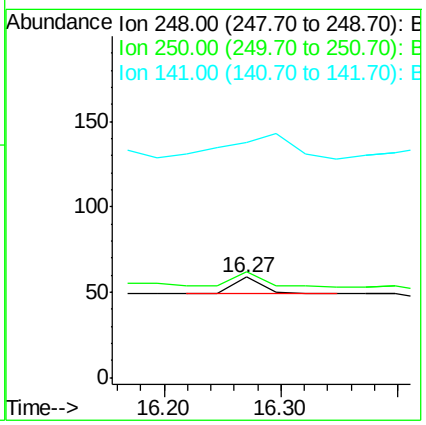


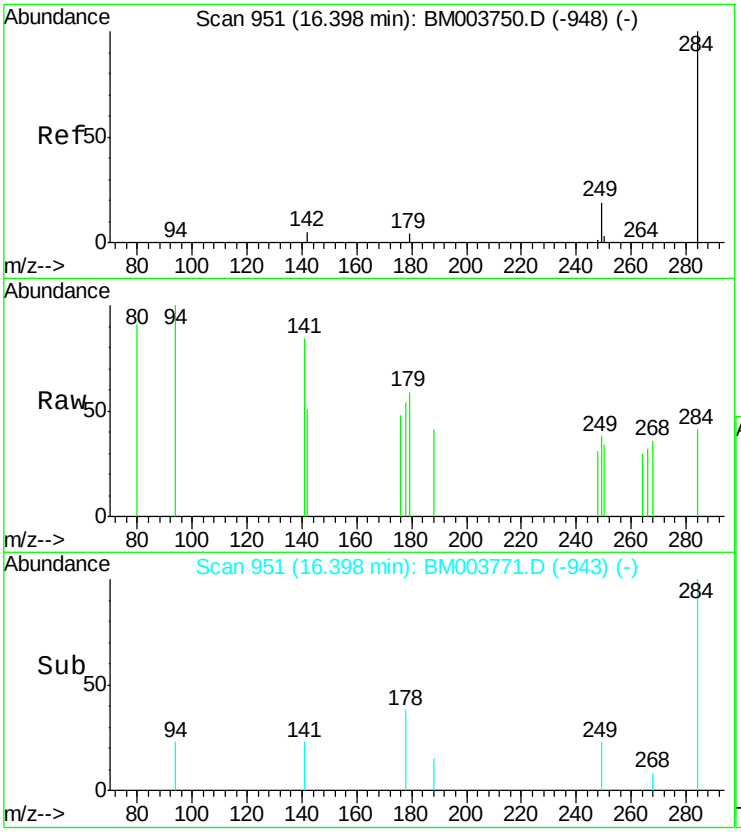


#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:248 Resp: 17

Ion	Ratio	Lower	Upper
248	100		
250	105.9	75.0	112.4
141	0.0	53.0	79.4#



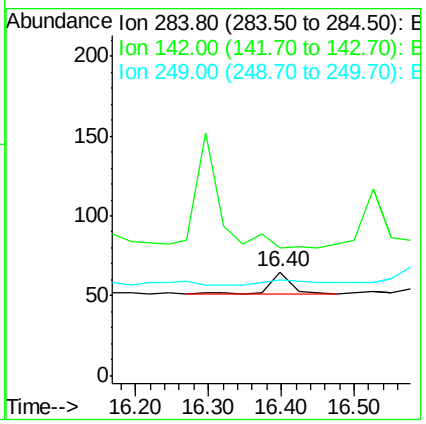


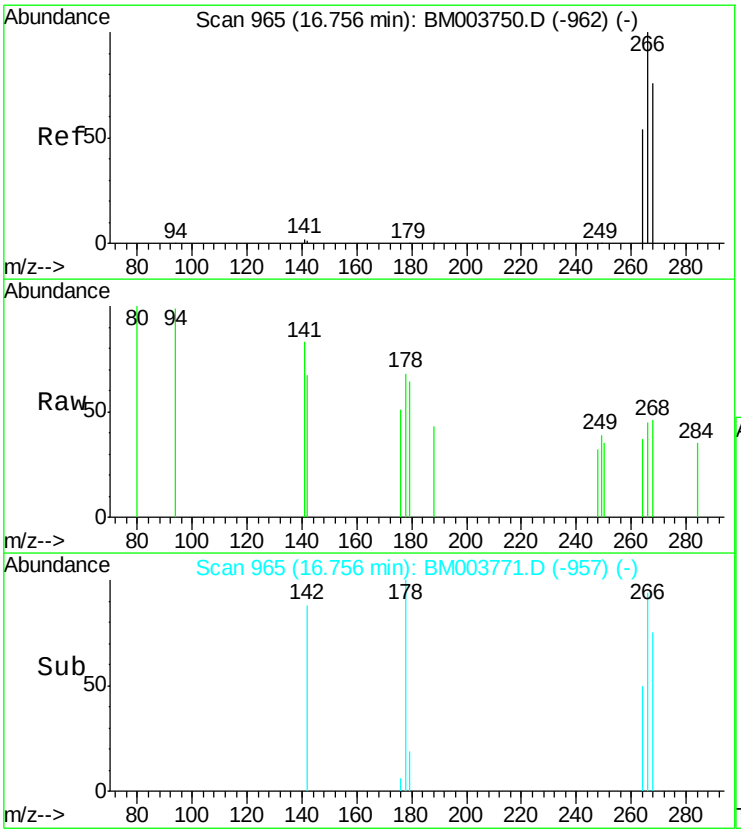
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 31

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	38.7	21.5	32.3#

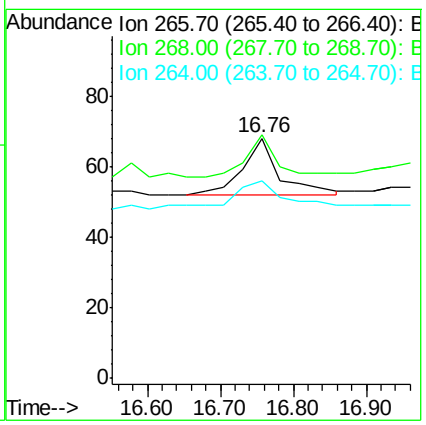


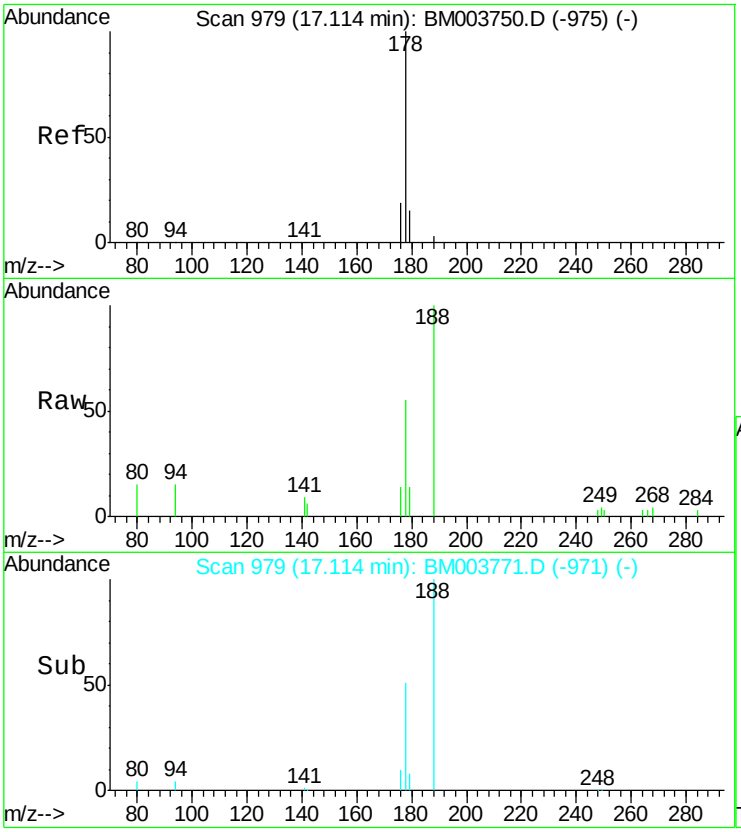


#22
Pentachlorophenol
Concen: 0.39 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:266 Resp: 55

Ion	Ratio	Lower	Upper
266	100		
268	101.5	62.7	94.1#
264	82.4	45.7	68.5#



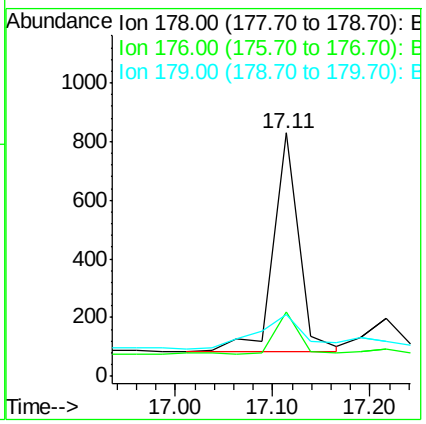


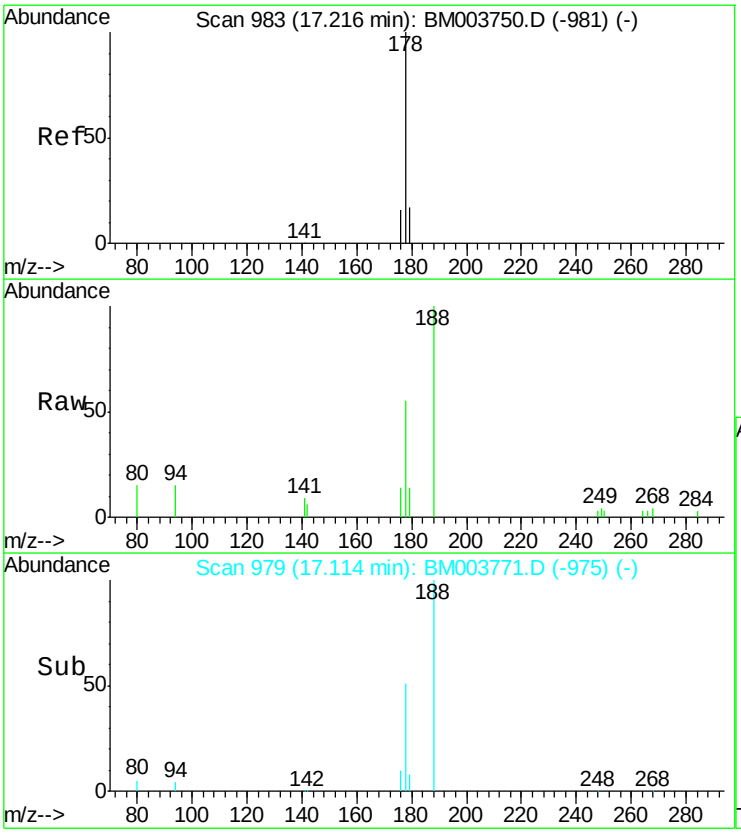
#23
Phenanthrene
Concen: Below Cal
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1376

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	30.7	12.2	18.4#

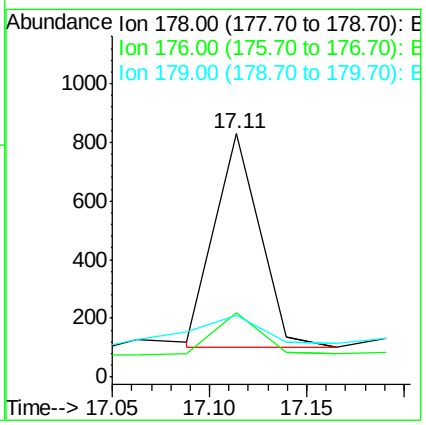


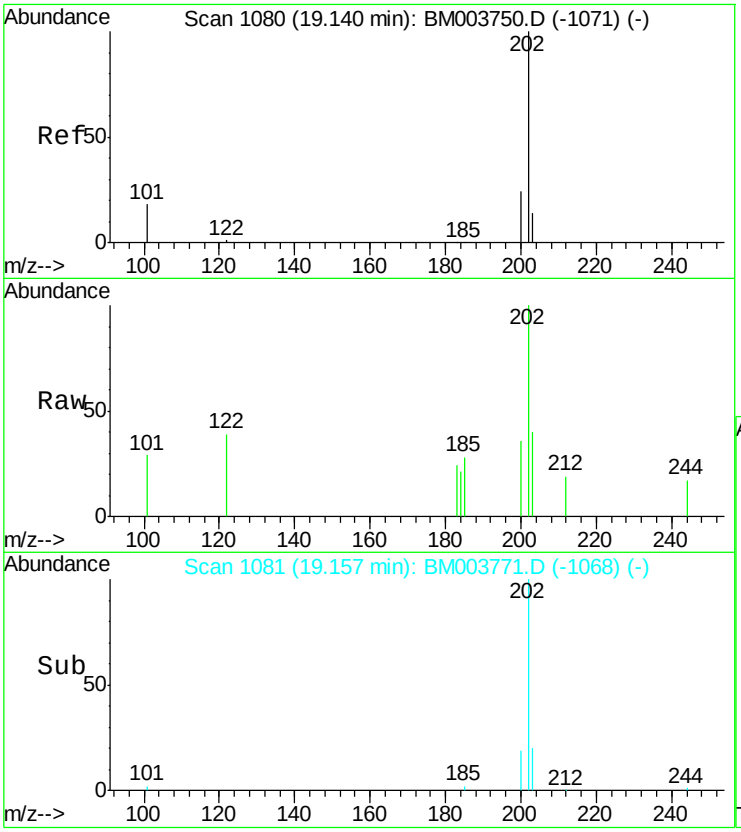


#24
Anthracene
Concen: 0.09 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.10 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:178 Resp: 1175

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.6	21.8
179	18.6	12.6	19.0



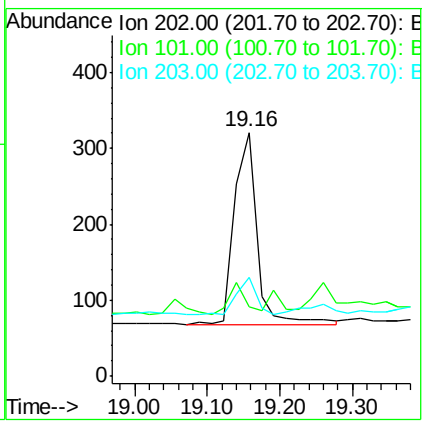


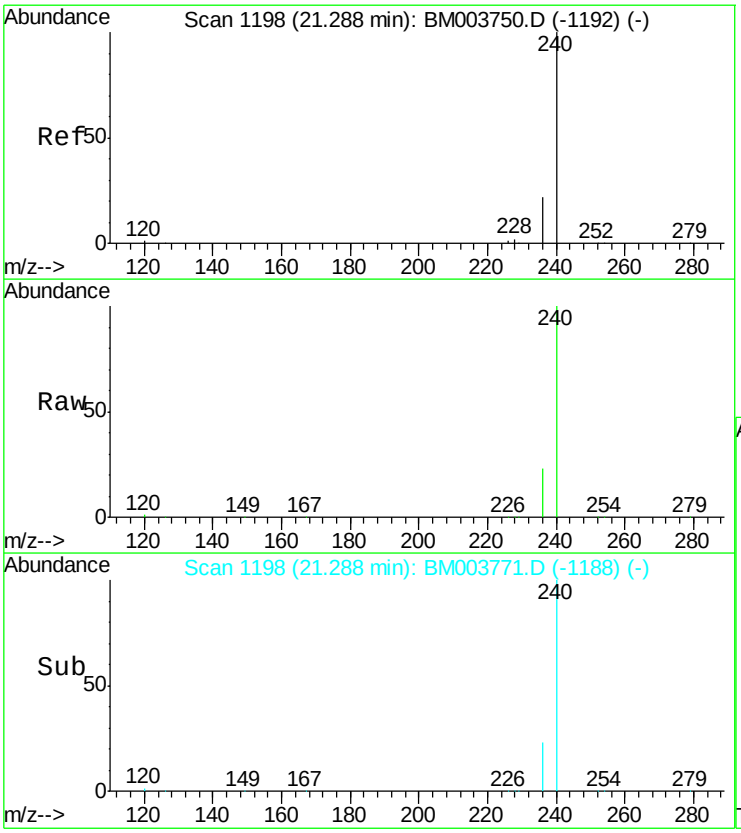
#25
Fluoranthene
Concen: 0.11 ng
RT: 19.16 min Scan# 1081
Delta R.T. 0.02 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 541

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.7	14.5
203	17.2	13.8	20.8

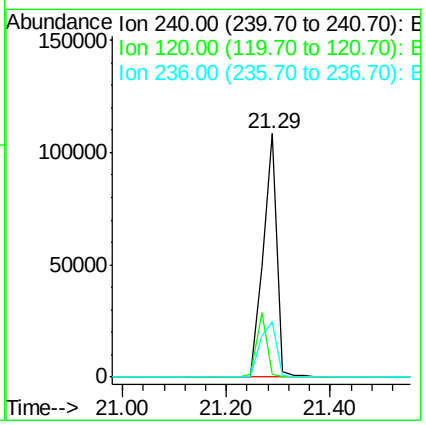


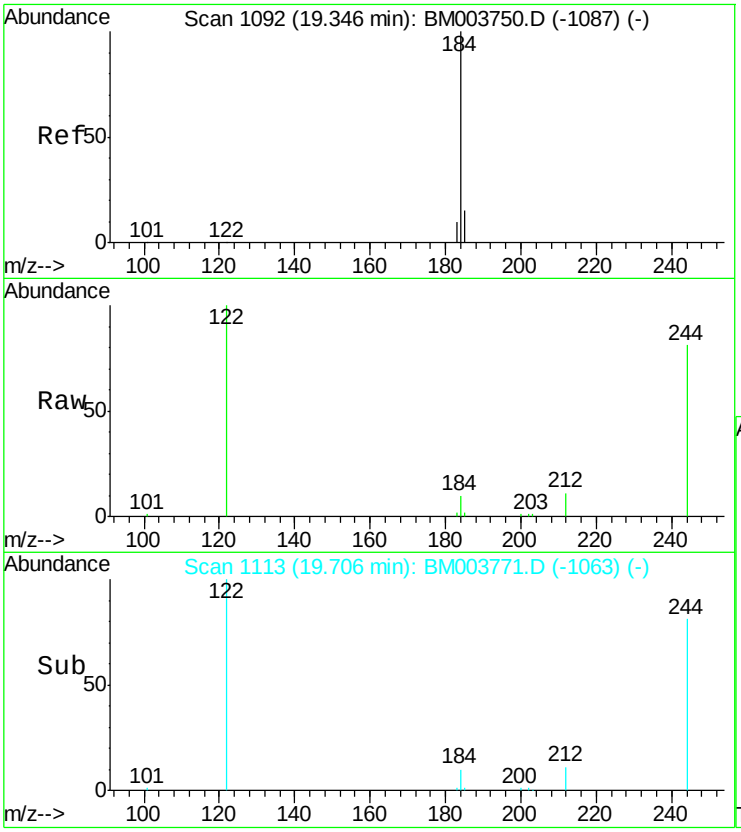


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:240 Resp: 199520

Ion	Ratio	Lower	Upper
240	100		
120	1.4	0.9	1.3#
236	22.6	17.3	25.9



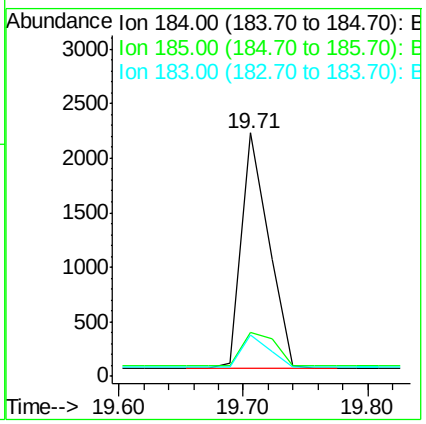


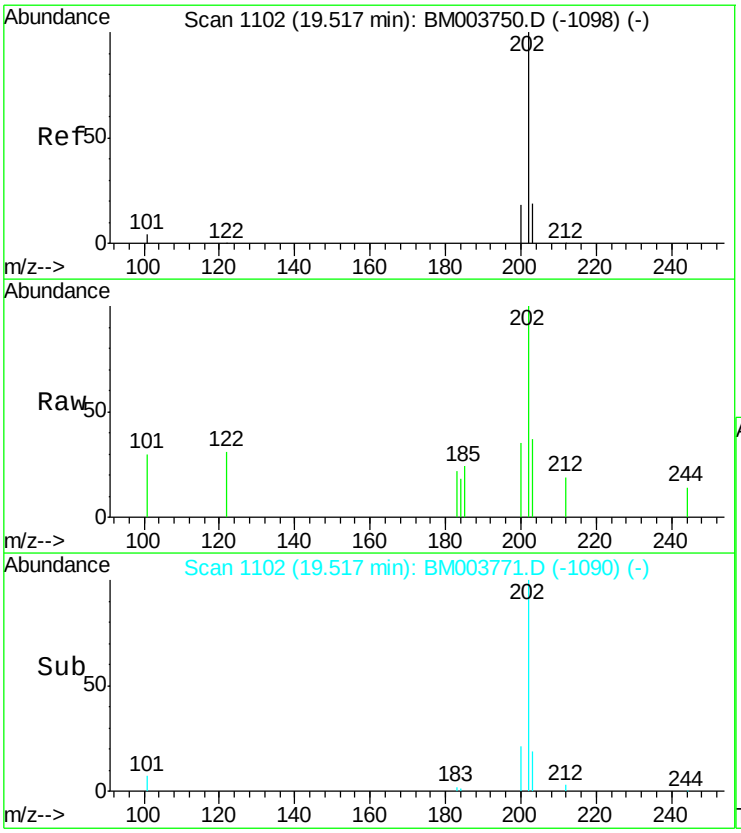
#27
Benzidine
Concen: 0.40 ng
RT: 19.71 min Scan# 1113
Delta R.T. 0.36 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 3340

Ion	Ratio	Lower	Upper
184	100		
185	18.1	13.2	19.8
183	17.0	9.0	13.6#

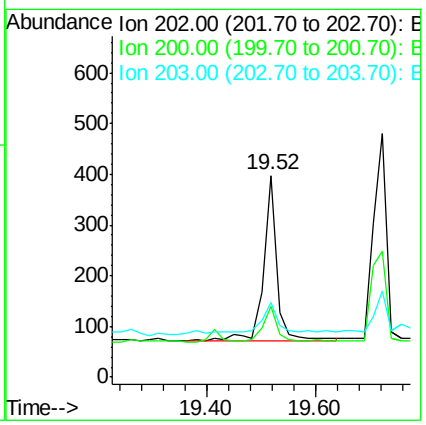


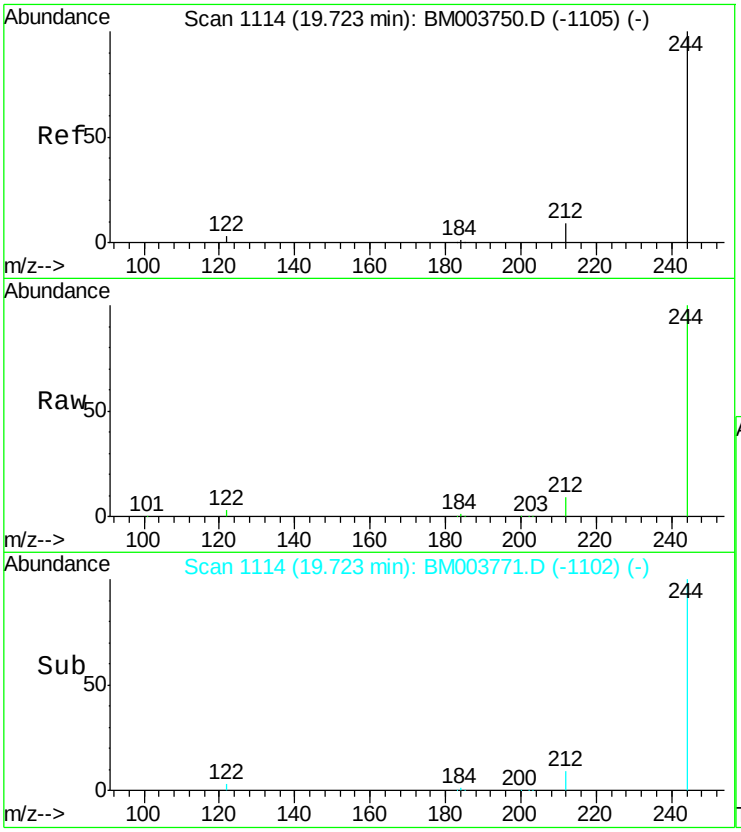


#28
Pyrene
Concen: Below Cal
RT: 19.52 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:202 Resp: 572

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	24.5	14.0	21.0#



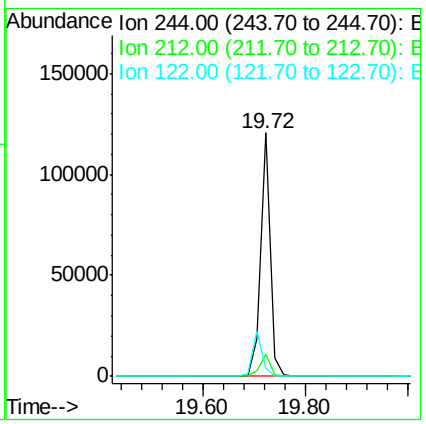


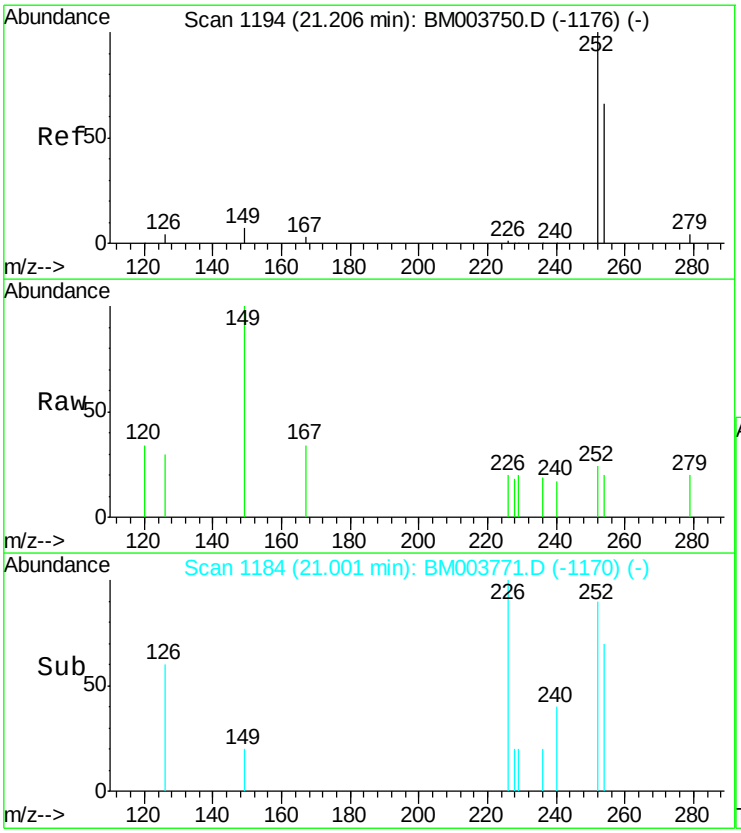
#29
Terphenyl-d14
Concen: 4.87 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 153717

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	3.4	3.0	4.6

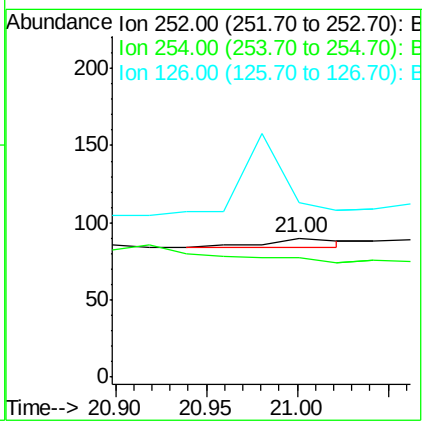


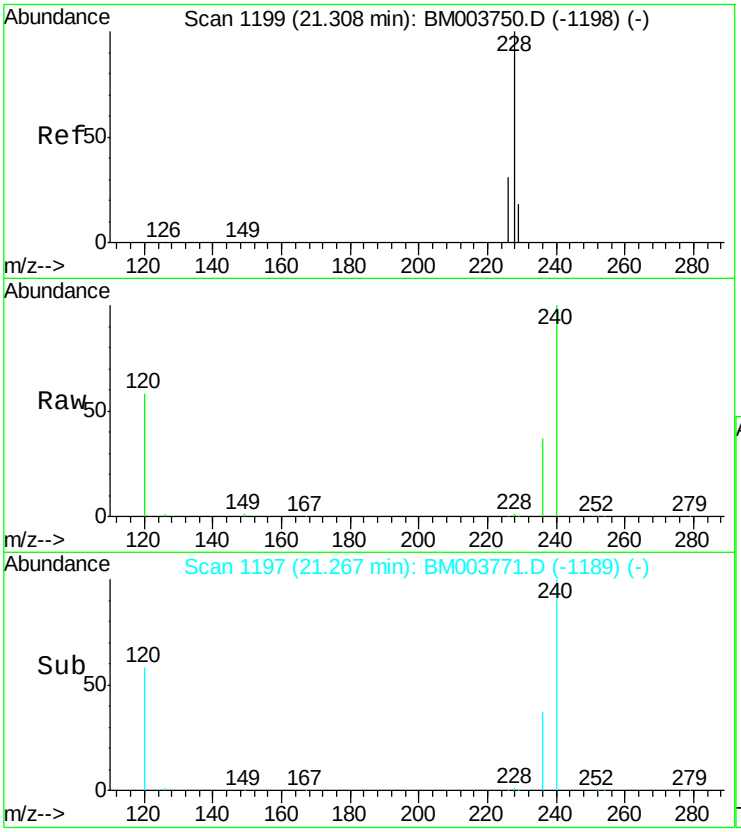


#31
3,3'-Dichlorobenzidine
Concen: 0.24 ng
RT: 21.00 min Scan# 1184
Delta R.T. -0.20 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:252 Resp: 17

Ion	Ratio	Lower	Upper
252	100		
254	85.6	52.6	79.0#
126	125.6	3.7	5.5#



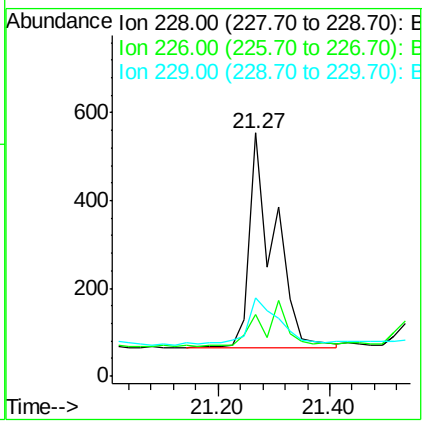


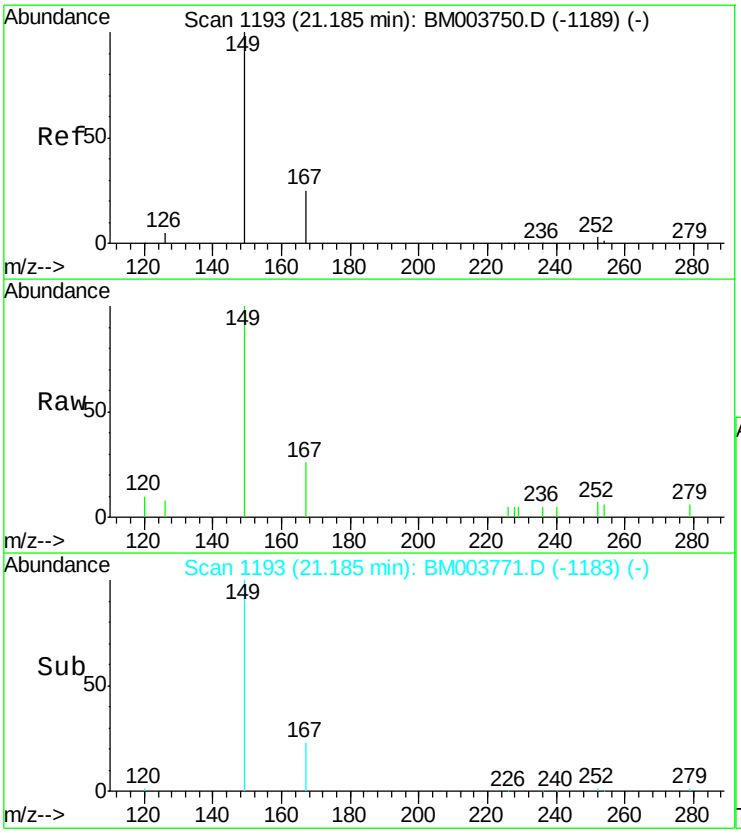
#32
Chrysene
Concen: Below Cal
RT: 21.27 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1519

Ion	Ratio	Lower	Upper
228	100		
226	25.3	25.3	37.9#
229	31.9	14.5	21.7#

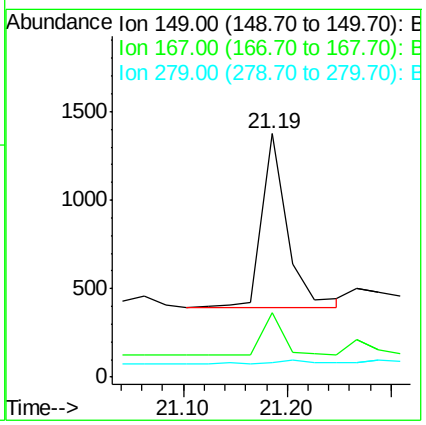


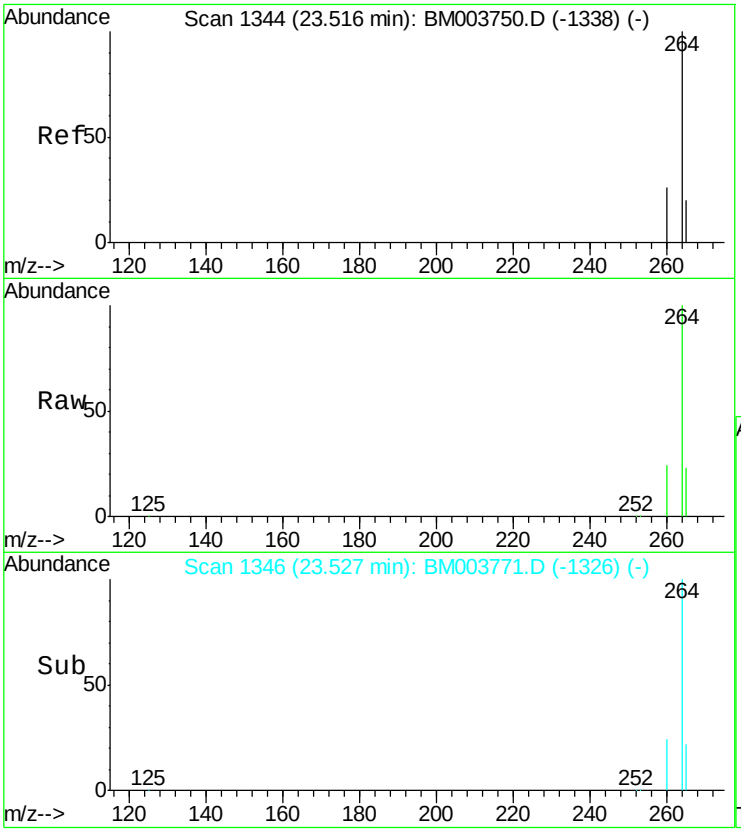


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003771.D
Acq: 24 Dec 2015 10:12

Tgt Ion:149 Resp: 1669

Ion	Ratio	Lower	Upper
149	100		
167	19.6	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: BM003771.D
Acq: 24 Dec 2015 10:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 182408

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.2	31.8
265	22.6	16.7	25.1