Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004463.D
Acq On : 28 Feb 2016 23:57
Operator : SJ/UM
Sample : PB88423BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB88423BL

Quant Time: Feb 29 06:32:48 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 05:57:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	13483	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	43865	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	27213	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	50630	5.00	ng	0.00
19) Chrysene-d12	21.24	240	60048	5.00	ng	0.00
28) Perylene-d12	23.46	264	50027	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	20640	6.96	ng	0.00
5) Phenol-d6	6.80	99	24959	7.42	ng	-0.03
8) Nitrobenzene-d5	8.79	82	9215	3.80	ng	0.00
13) 2,4,6-Tribromophenol	15.78	330	7318	5.33	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	33799	4.07	ng	0.00
22) Terphenyl-d14	19.67	244	28540	3.73	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.43	42	22	0.02	ng	# 79
16) Hexachlorobenzene	16.35	284	2	Below Cal		# 100
17) Pentachlorophenol	16.75	266	13	0.34	ng	# 70
20) Benzidine	19.67	184	642	0.52	ng	95
23) Benzo(a)anthracene	21.29	228	1584	0.09	ng	# 86
24) 3,3'-Dichlorobenzidine	21.19	252	166	0.03	ng	# 33
25) Chrysene	21.29	228	1730	Below Cal		# 86
26) Bis(2-ethylhexyl)phthalate	21.14	149	159	Below Cal		# 91
29) Benzo(b)fluoranthene	22.80	252	552	0.03	ng	# 3
30) Benzo(k)fluoranthene	22.80	252	552	0.03	ng	# 2

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

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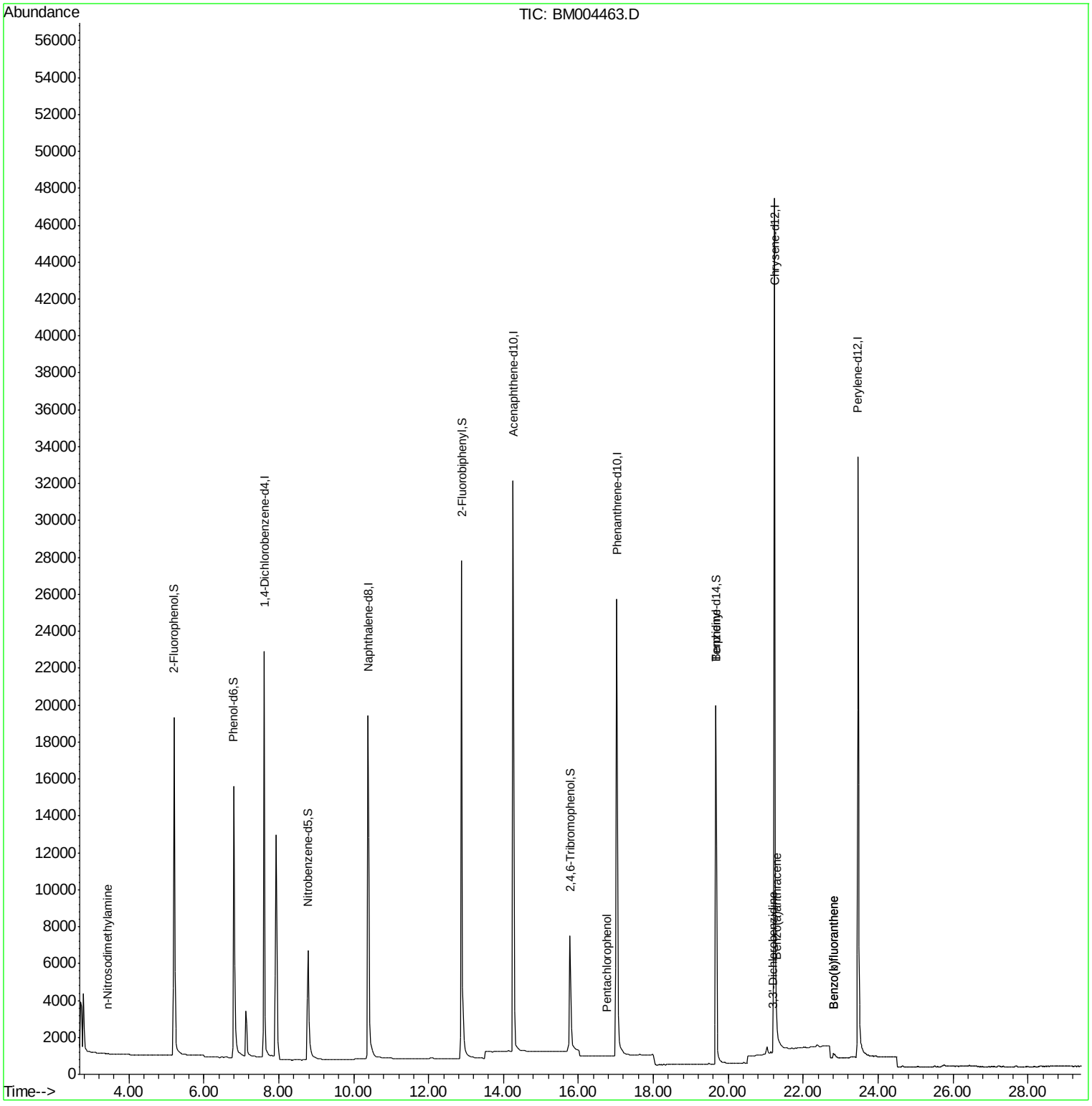
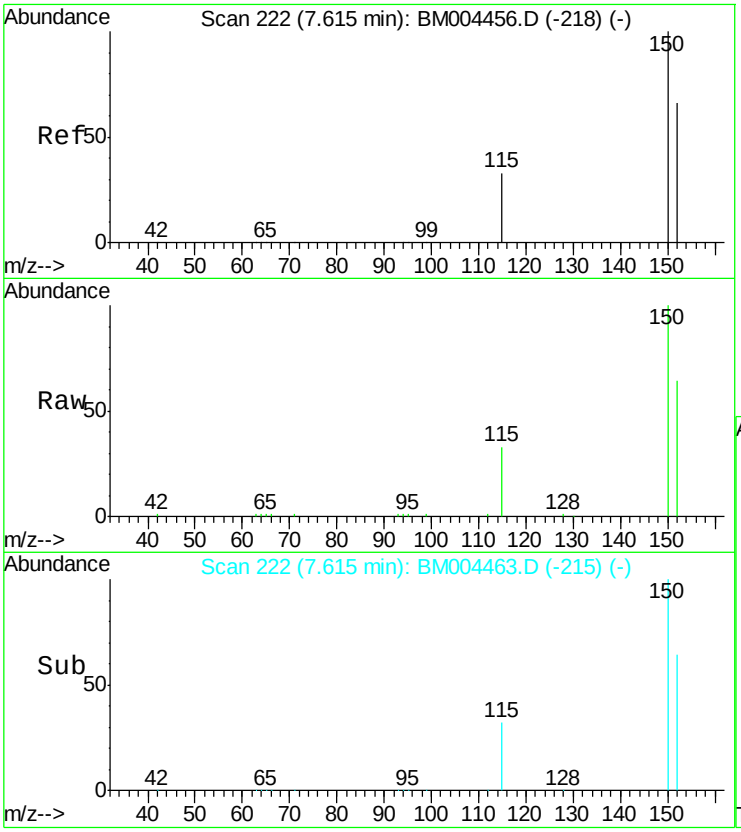


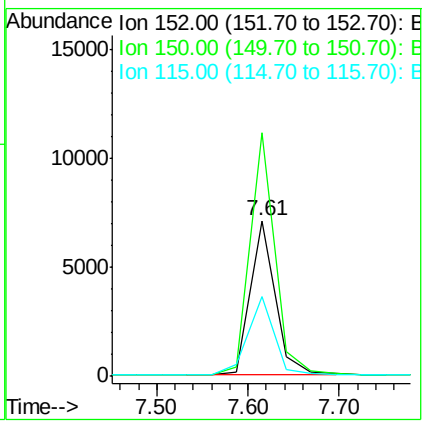


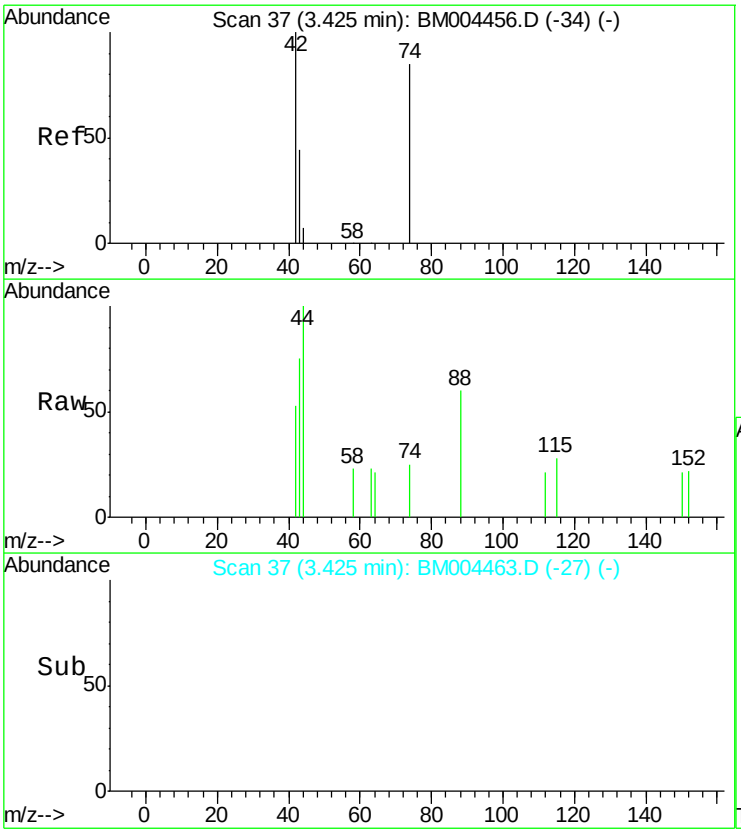
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:152 Resp: 13483

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.9	185.9
115	51.3	40.6	61.0

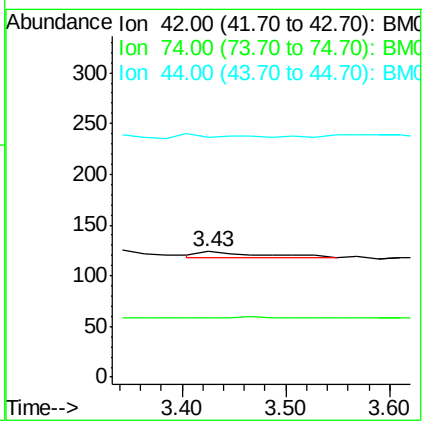


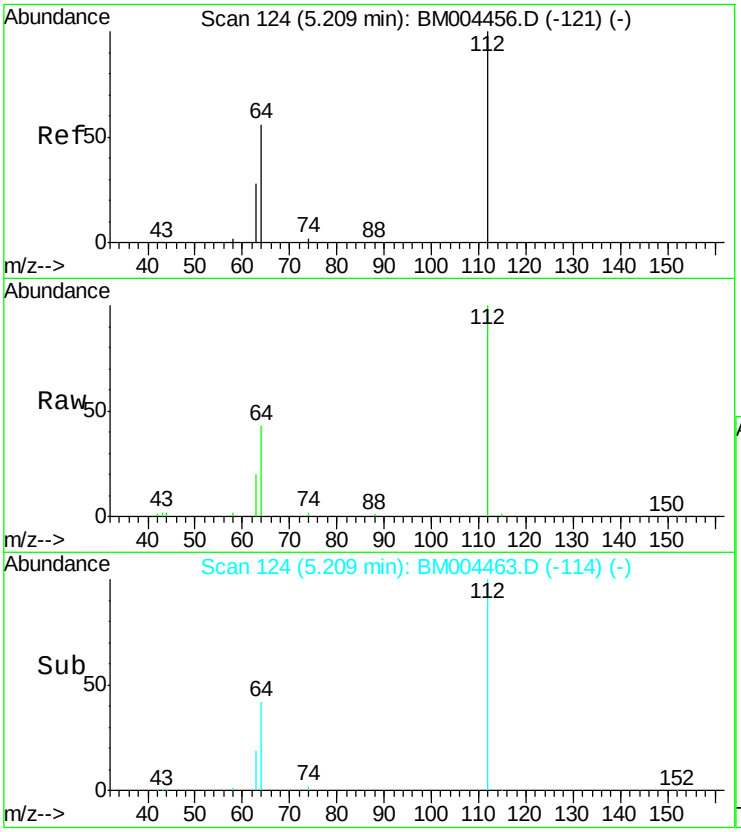


#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.43 min Scan# 37
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion: 42 Resp: 22

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	5.8	8.6#



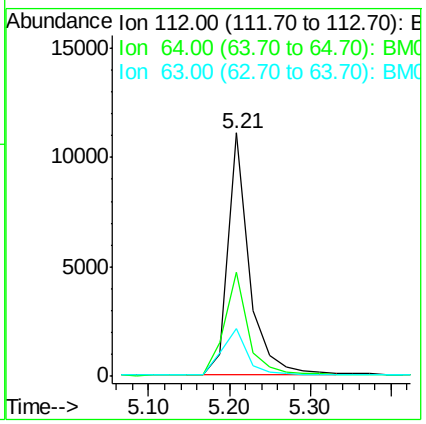


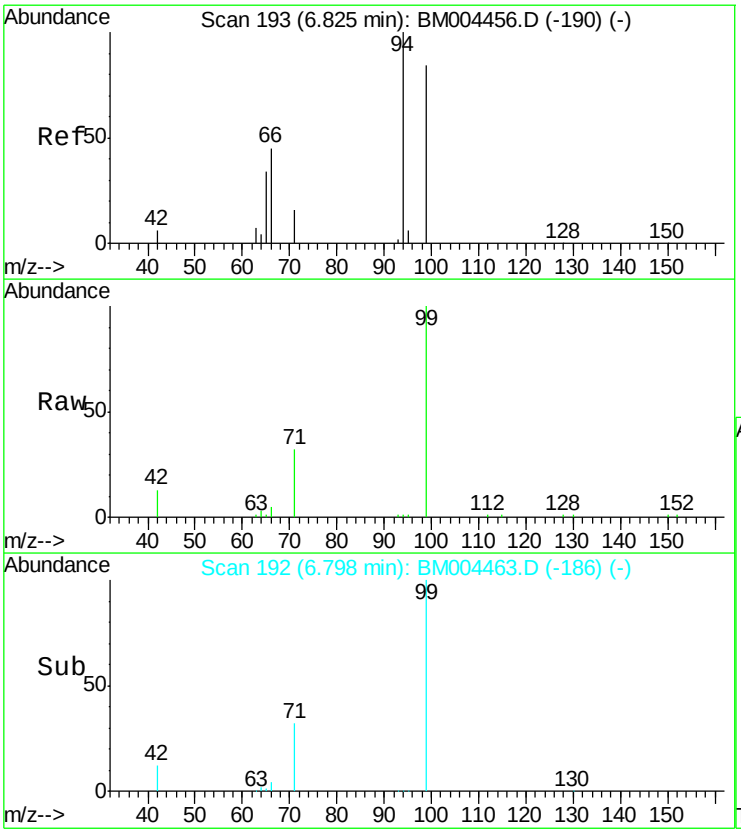
#4
2-Fluorophenol
Concen: 6.96 ng
RT: 5.21 min Scan# 124
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:112 Resp: 20640

Ion	Ratio	Lower	Upper
112	100		
64	47.3	39.4	59.2
63	23.6	19.9	29.9

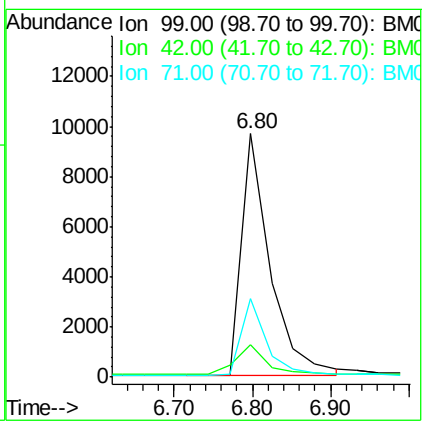


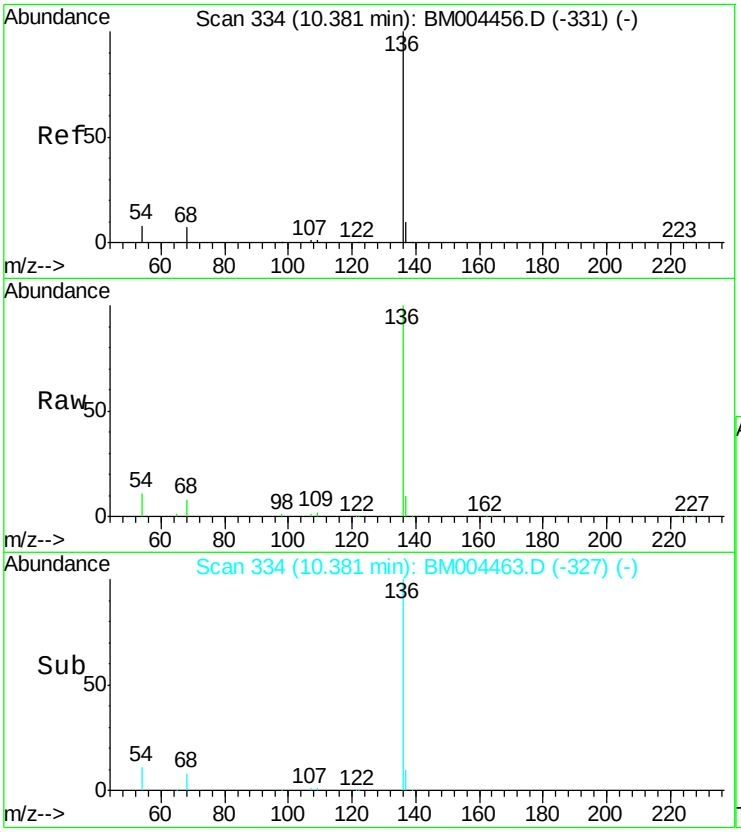


#5
Phenol-d6
Concen: 7.42 ng
RT: 6.80 min Scan# 192
Delta R.T. -0.03 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion: 99 Resp: 24959

Ion	Ratio	Lower	Upper
99	100		
42	13.2	0.0	0.0#
71	28.9	0.0	0.0#



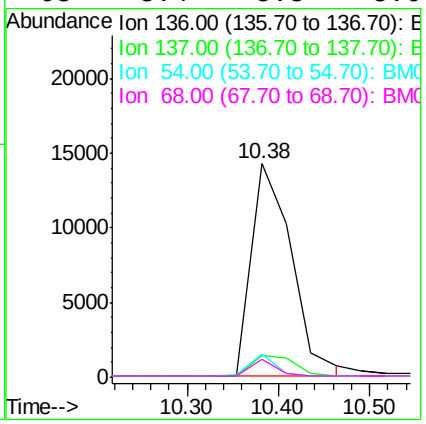


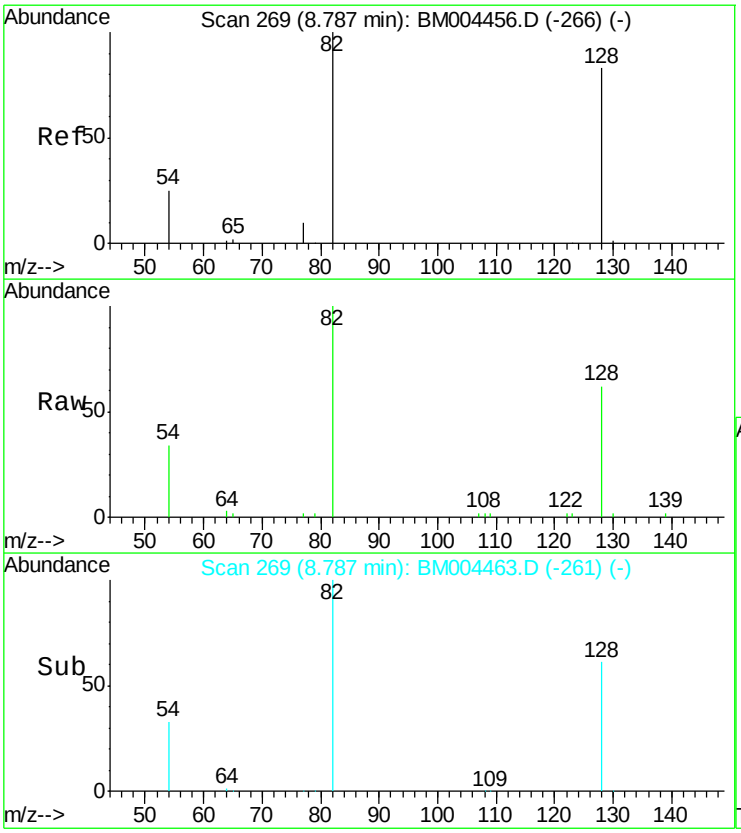
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 334
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:136 Resp: 43865

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.0	12.0
54	10.9	7.0	10.6#
68	8.4	5.8	8.6

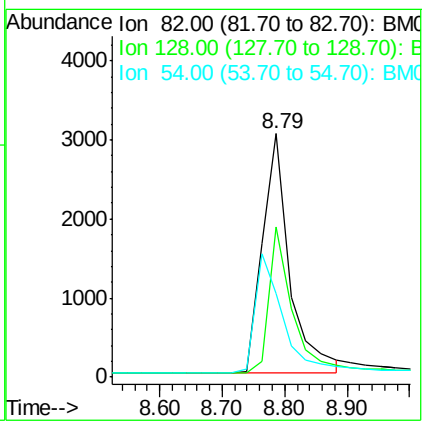


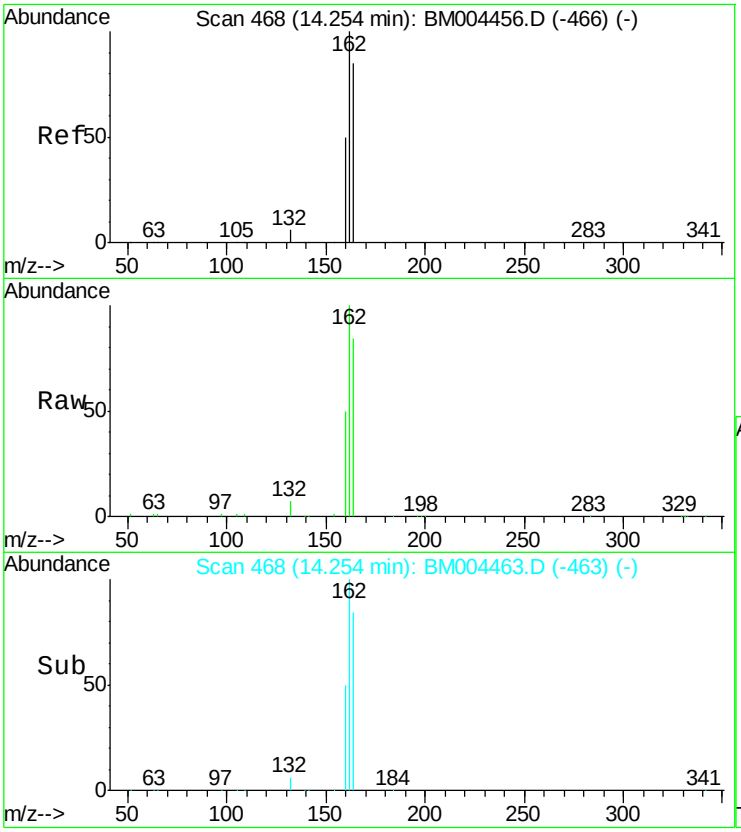


#8
Nitrobenzene-d5
Concen: 3.80 ng
RT: 8.79 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion: 82 Resp: 9215

Ion	Ratio	Lower	Upper
82	100		
128	61.8	67.0	100.6#
54	34.3	25.2	37.8



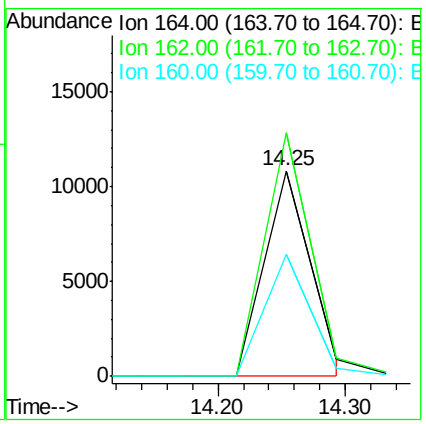


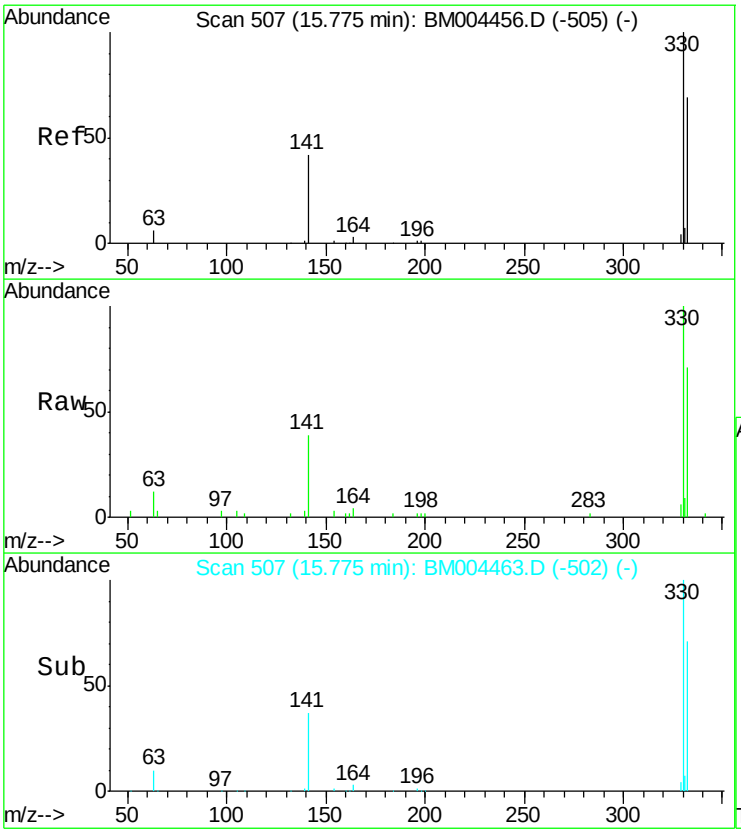
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 468
Delta R.T. -0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:164 Resp: 27213

Ion	Ratio	Lower	Upper
164	100		
162	118.6	94.6	141.8
160	59.2	47.0	70.4

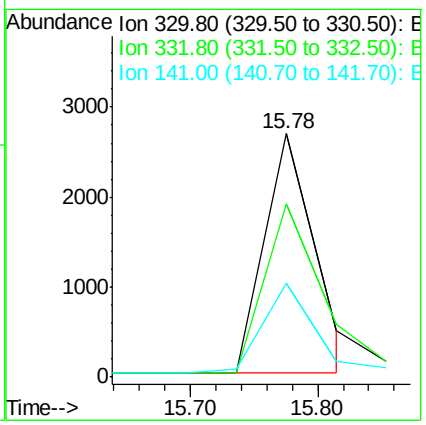


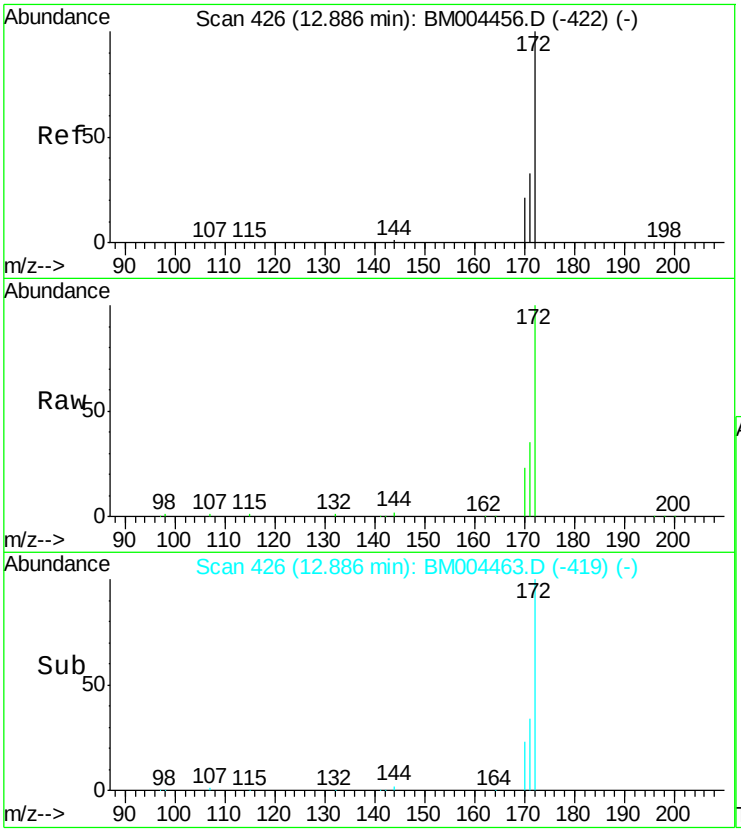


#13
2,4,6-Tribromophenol
Concen: 5.33 ng
RT: 15.78 min Scan# 507
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion:330 Resp: 7318

Ion	Ratio	Lower	Upper
330	100		
332	77.3	59.2	88.8
141	36.6	33.0	49.4



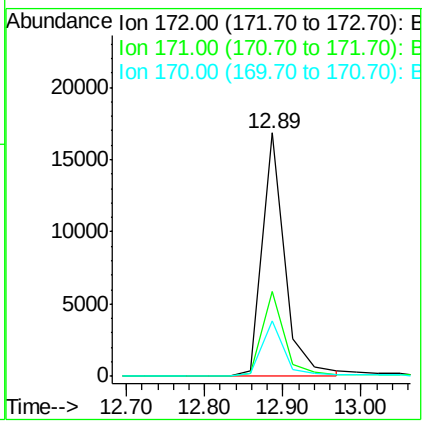


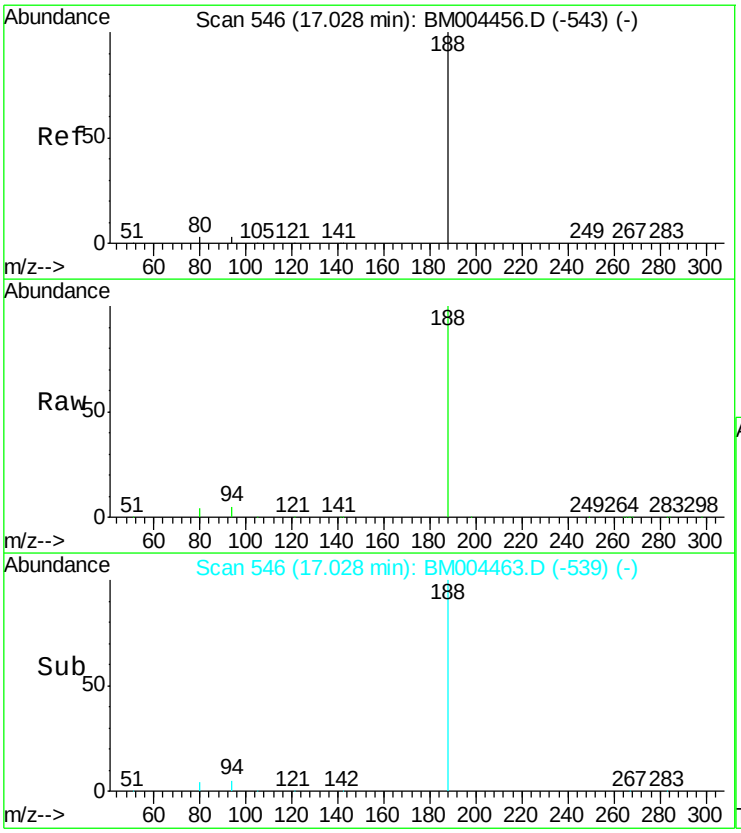
#14
2-Fluorobiphenyl
Concen: 4.07 ng
RT: 12.89 min Scan# 426
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:172 Resp: 33799

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.2	40.8
170	22.8	17.4	26.0

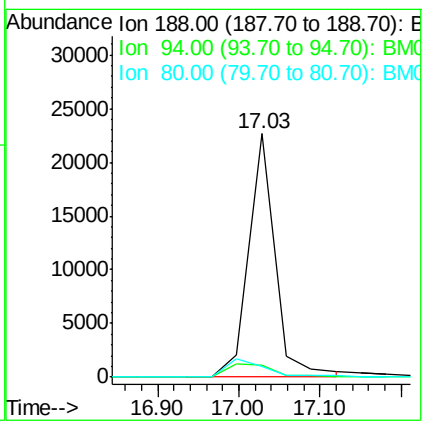


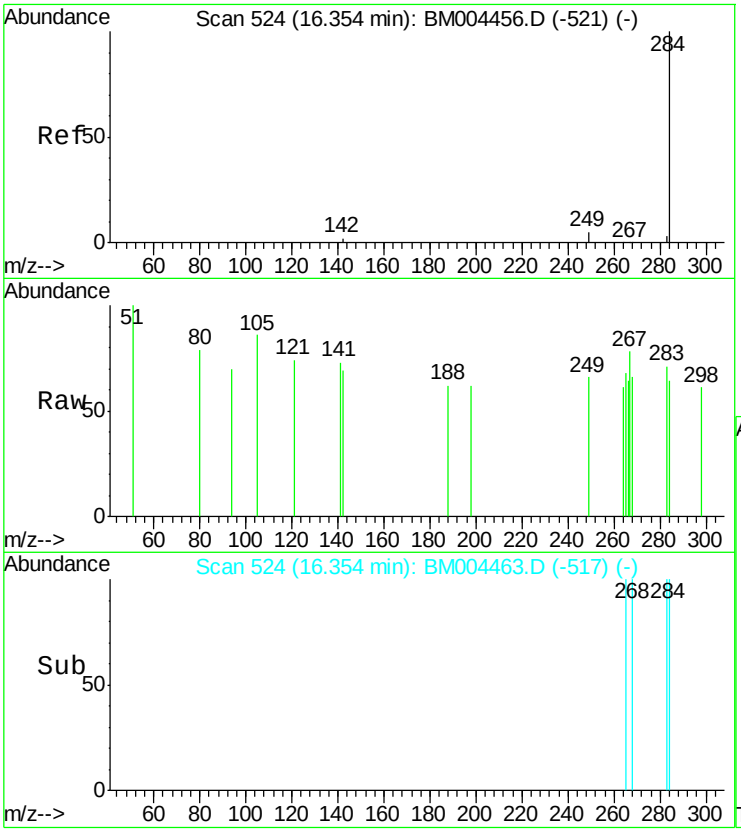


#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion:188 Resp: 50630

Ion	Ratio	Lower	Upper
188	100		
94	4.9	2.7	4.1#
80	4.5	2.2	3.4#



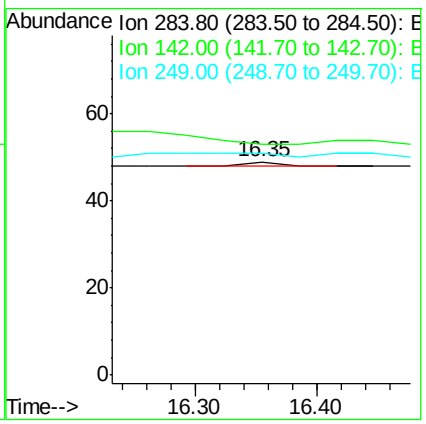


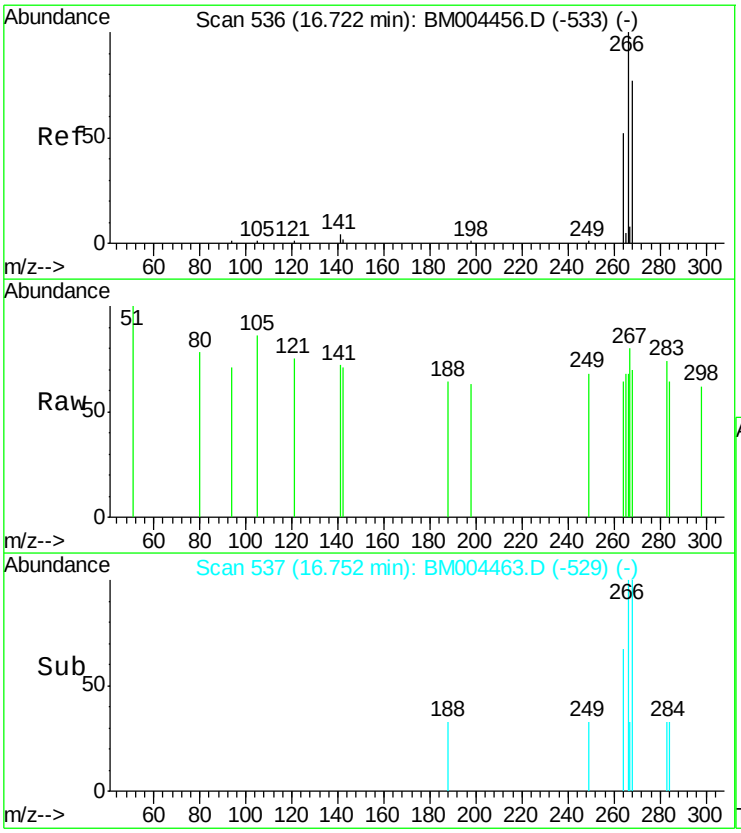
#16
Hexachlorobenzene
Concen: Below Cal
RT: 16.35 min Scan# 524
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:284 Resp: 2

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

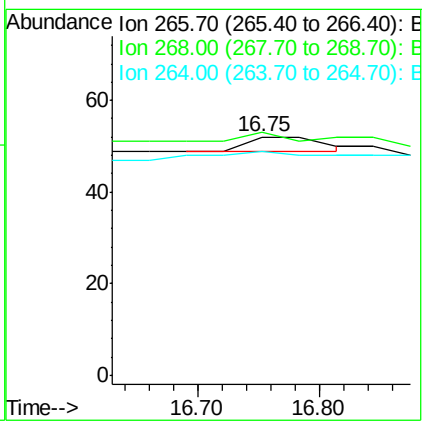


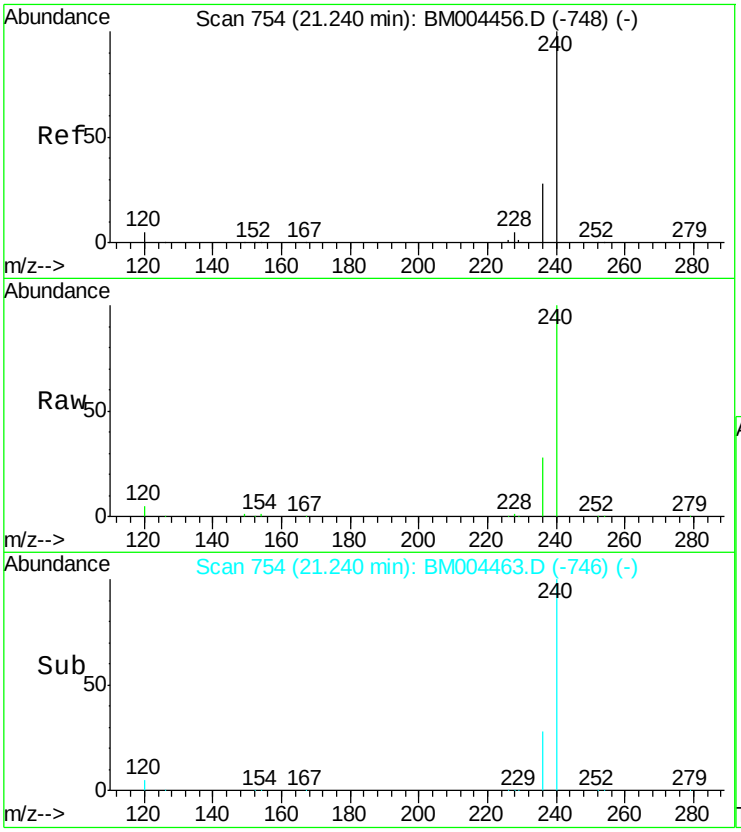


#17
Pentachlorophenol
Concen: 0.34 ng
RT: 16.75 min Scan# 537
Delta R.T. 0.03 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
268	101.9	66.8	100.2#
264	94.2	49.4	74.0#



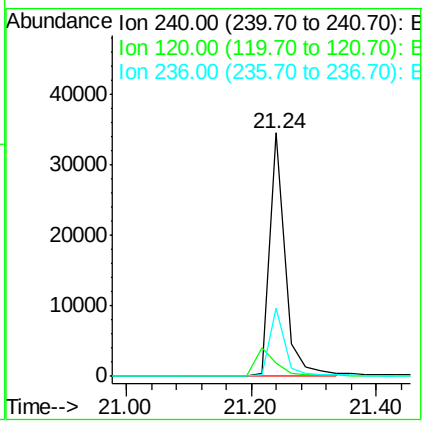


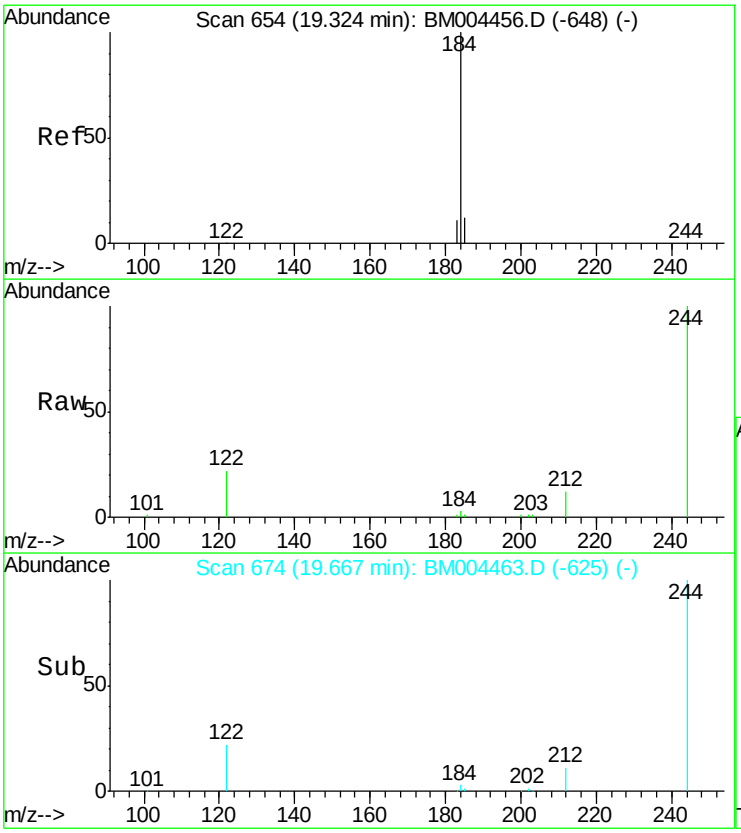
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:240 Resp: 60048

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.0	6.0
236	28.3	22.7	34.1

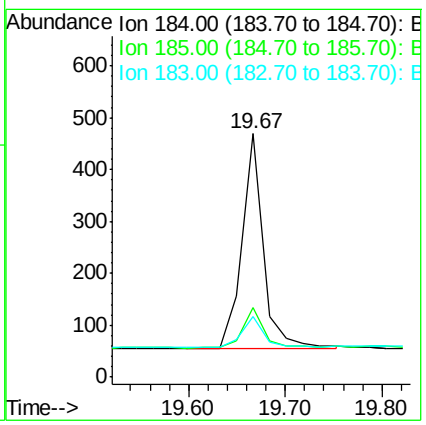


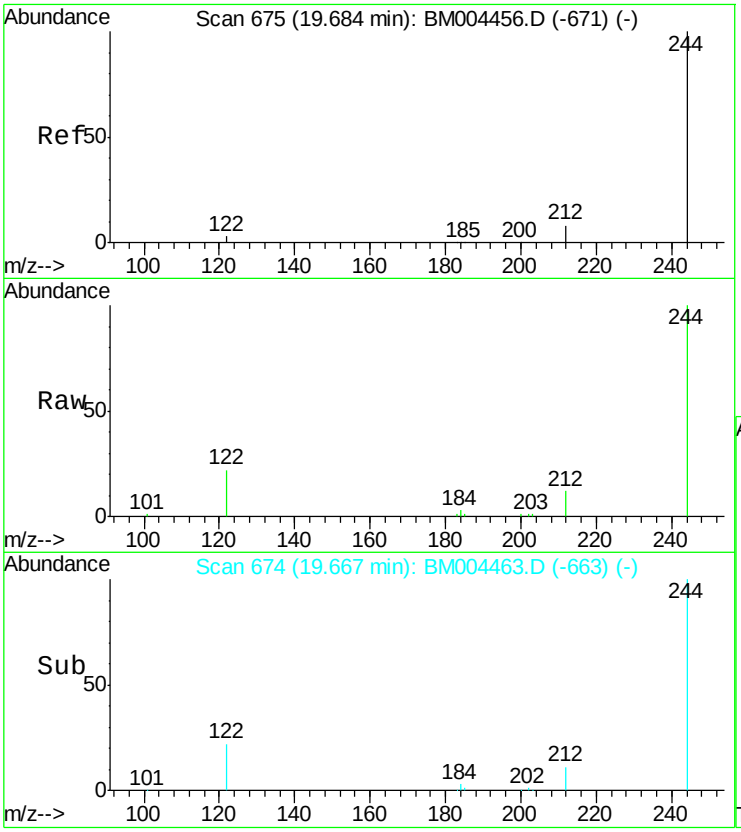


#20
Benzidine
Concen: 0.52 ng
RT: 19.67 min Scan# 674
Delta R.T. 0.34 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion:184 Resp: 642

Ion	Ratio	Lower	Upper
184	100		
185	28.6	20.8	31.2
183	25.2	18.5	27.7



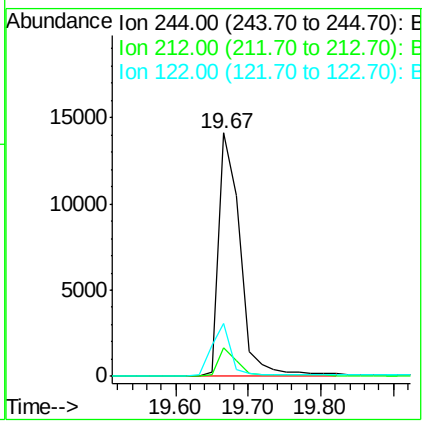


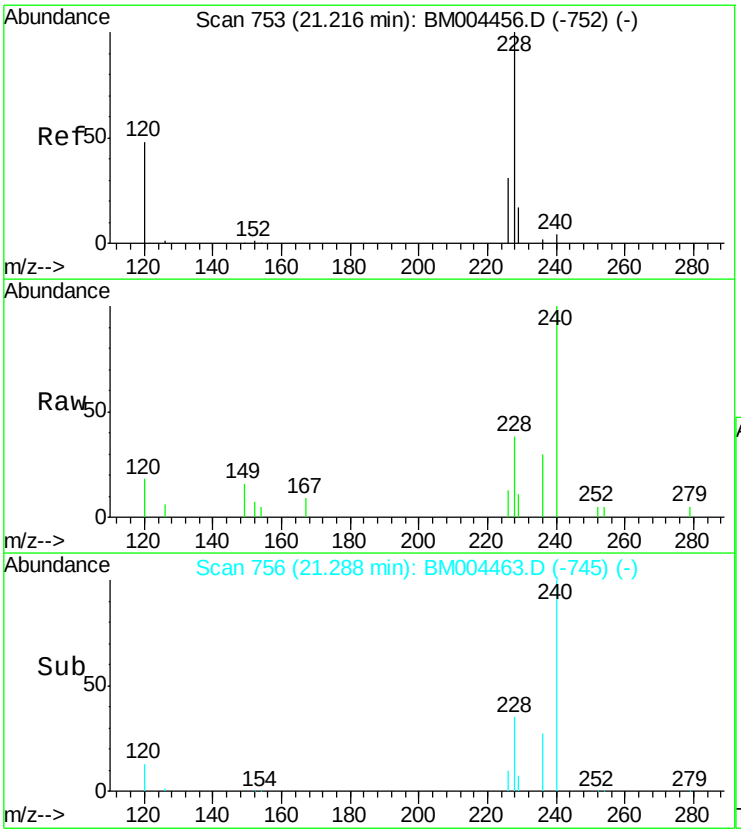
#22
Terphenyl-d14
Concen: 3.73 ng
RT: 19.67 min Scan# 674
Delta R.T. -0.02 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:244 Resp: 28540

Ion	Ratio	Lower	Upper
244	100		
212	11.7	7.4	11.2#
122	21.9	4.2	6.2#

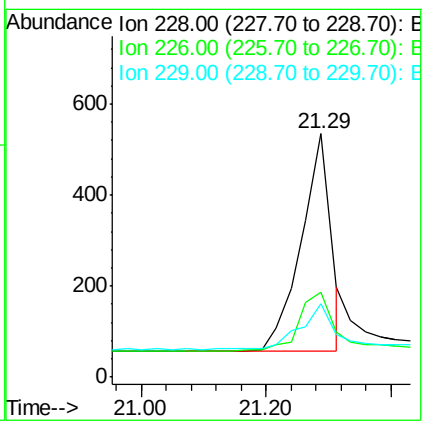


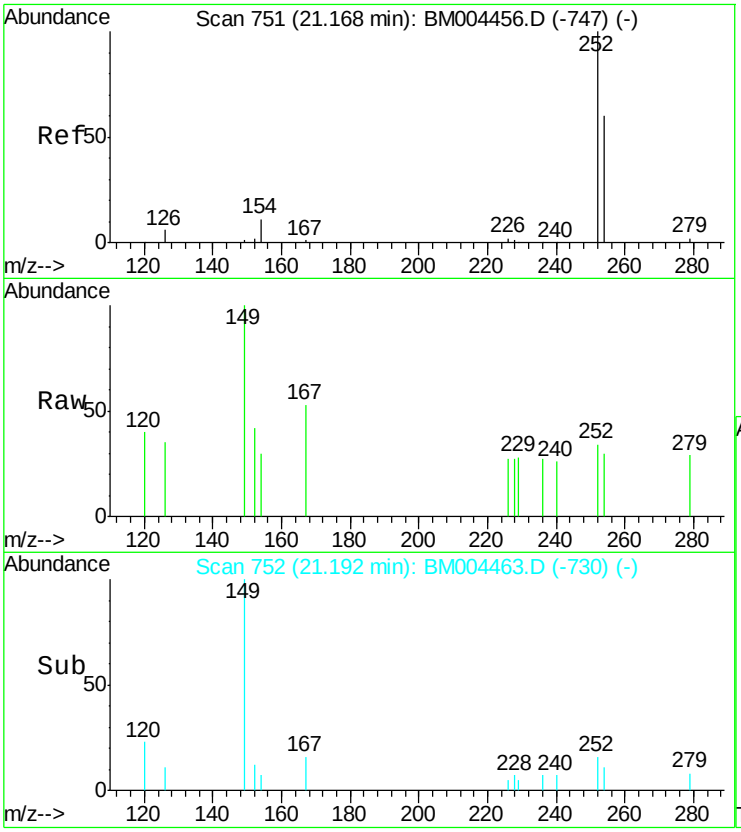


#23
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.29 min Scan# 756
Delta R.T. 0.07 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion:228 Resp: 1584

Ion	Ratio	Lower	Upper
228	100		
226	35.0	25.1	37.7
229	30.3	14.2	21.4#



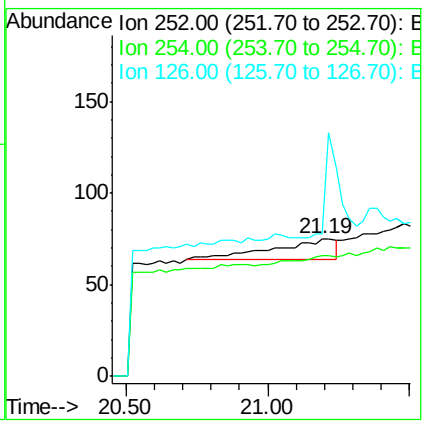


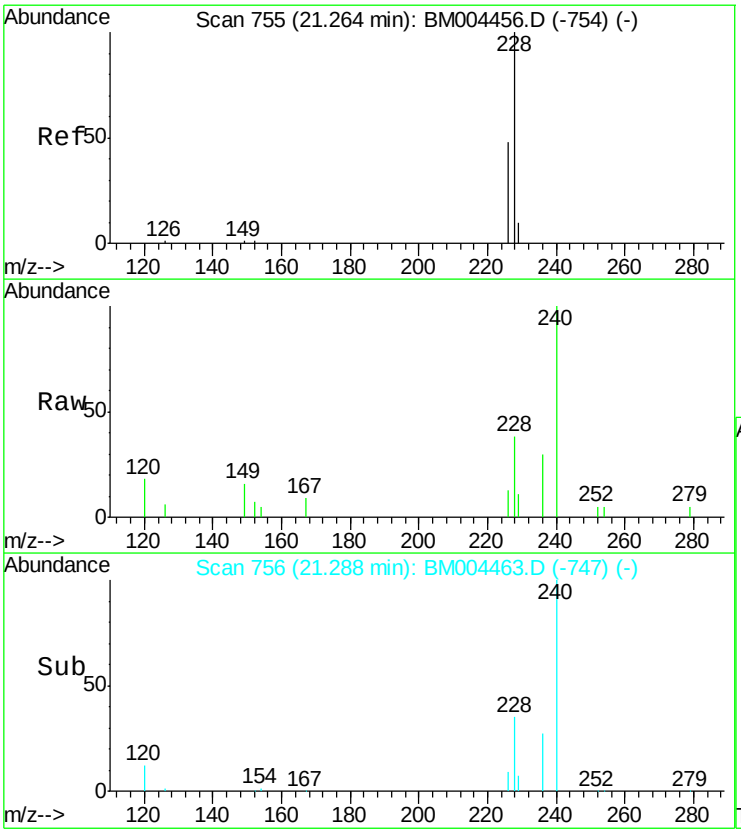
#24
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 21.19 min Scan# 752
Delta R.T. 0.02 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:252 Resp: 166

Ion	Ratio	Lower	Upper
252	100		
254	88.0	48.7	73.1#
126	104.0	8.2	12.2#

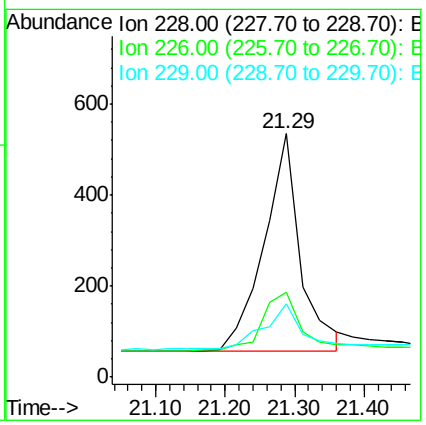


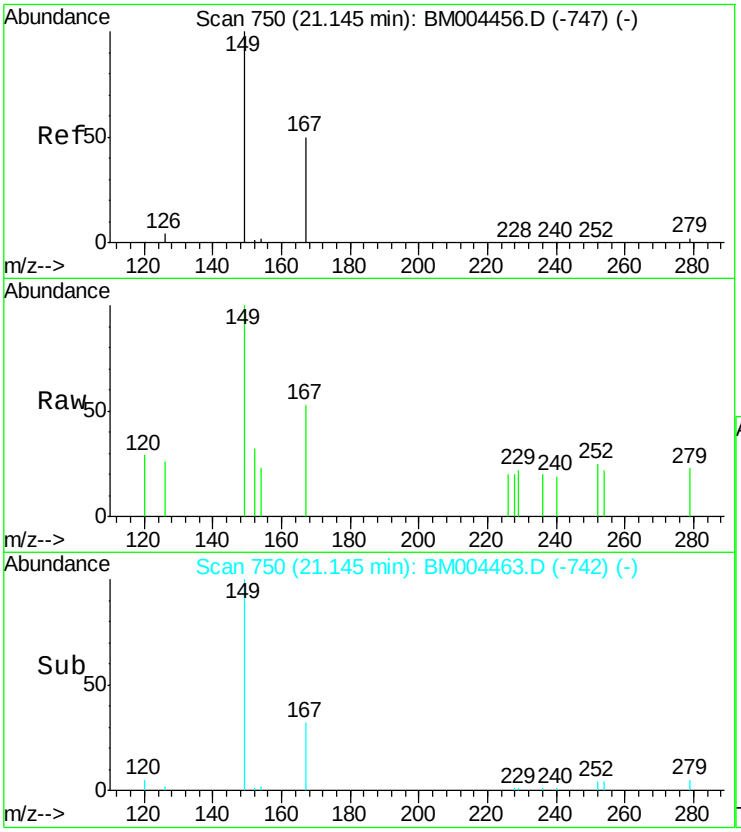


#25
Chrysene
Concen: Below Cal
RT: 21.29 min Scan# 756
Delta R.T. 0.02 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion:228 Resp: 1730

Ion	Ratio	Lower	Upper
228	100		
226	35.0	31.0	46.6
229	30.3	13.4	20.2#



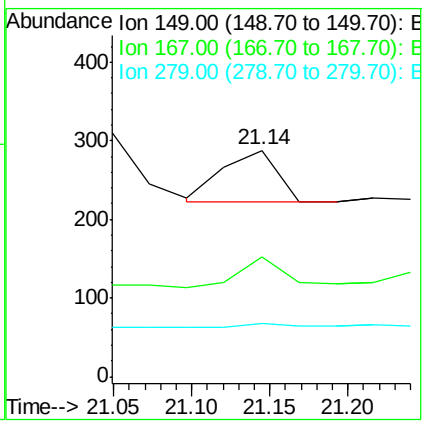


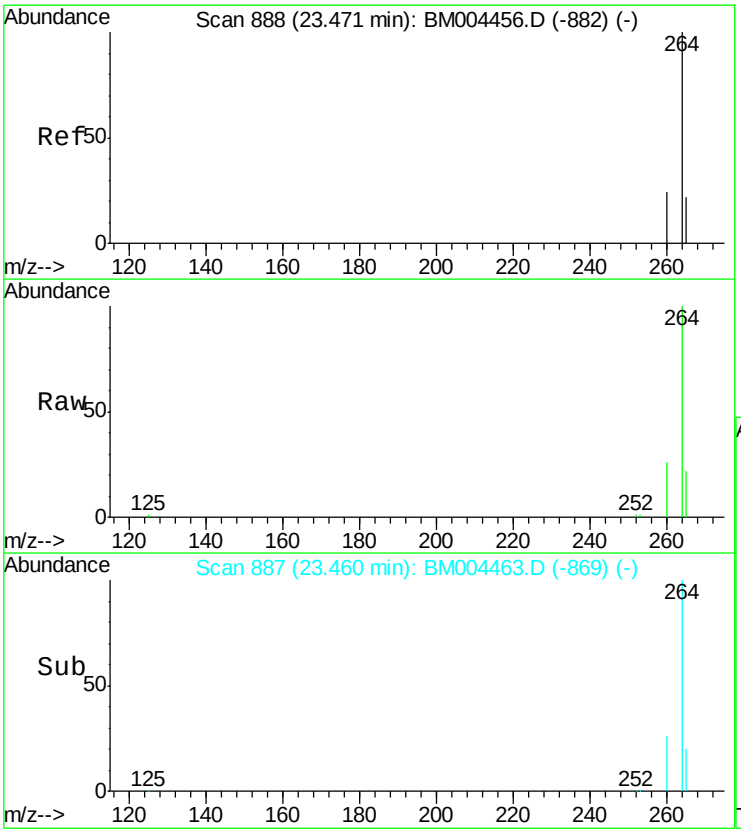
#26
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.14 min Scan# 750
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:149 Resp: 159

Ion	Ratio	Lower	Upper
149	100		
167	46.5	33.1	49.7
279	11.9	2.0	3.0#

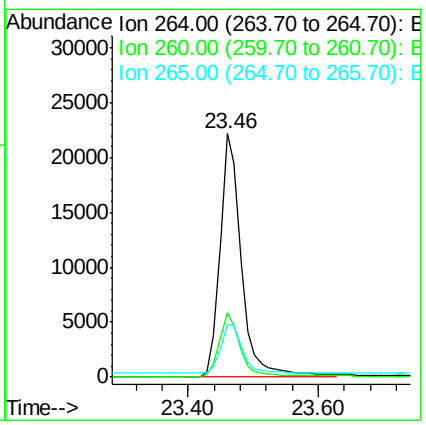


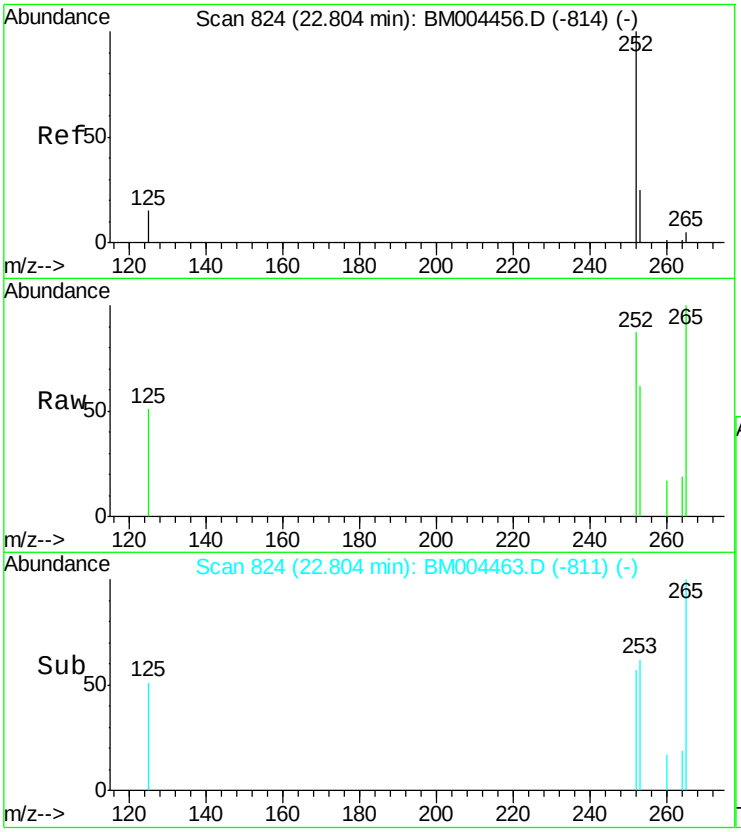


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion:264 Resp: 50027

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.4	29.2
265	21.7	18.9	28.3



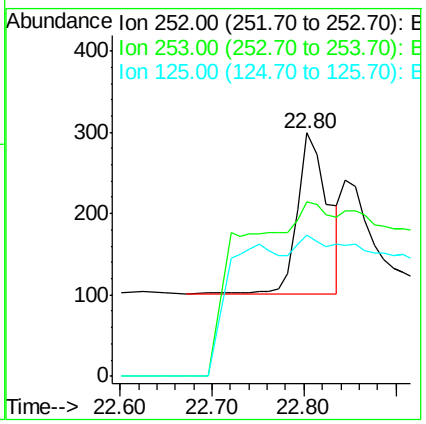


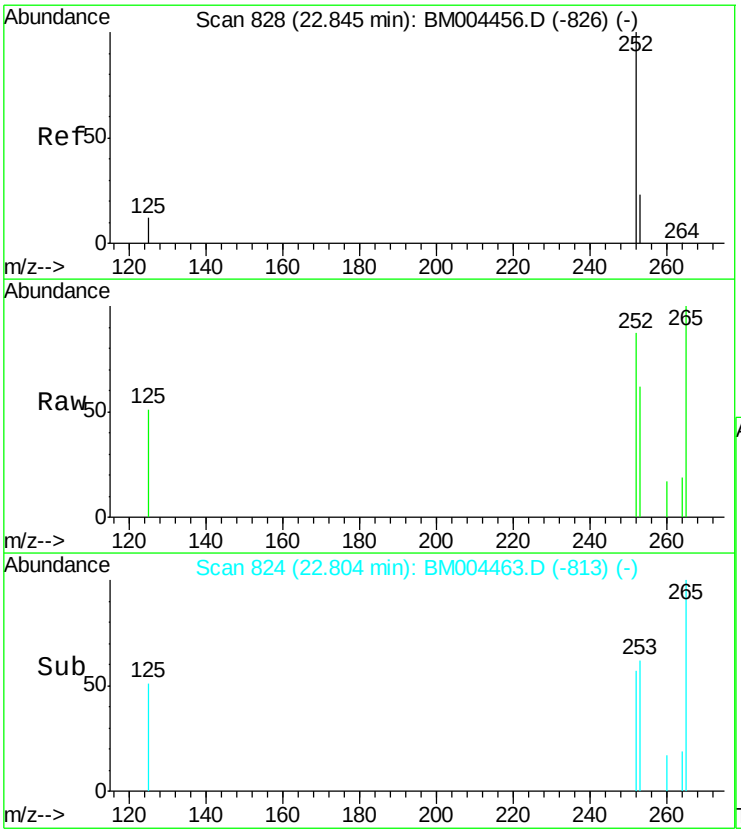
#29
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.80 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:252 Resp: 552

Ion	Ratio	Lower	Upper
252	100		
253	71.6	19.8	29.6#
125	58.2	12.2	18.2#





#30
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.80 min Scan# 824
Delta R.T. -0.04 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion:252 Resp: 552

Ion	Ratio	Lower	Upper
252	100		
253	71.6	19.3	28.9#
125	58.2	12.4	18.6#