Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004466.D
Acq On : 29 Feb 2016 01:45
Operator : SJ/UM
Sample : H1509-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1

Quant Time: Feb 29 06:33:31 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	13862	5.00	ng		0.00
7) Naphthalene-d8	10.38	136	52085	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	37287	5.00	ng		0.00
15) Phenanthrene-d10	17.03	188	37611	5.00	ng		0.00
19) Chrysene-d12	21.24	240	56319	5.00	ng		0.00
28) Perylene-d12	23.46	264	45756	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	9196	3.02	ng		0.00
5) Phenol-d6	6.83	99	5926	1.71	ng		0.00
8) Nitrobenzene-d5	8.76	82	12591	4.37	ng		-0.02
13) 2,4,6-Tribromophenol	15.78	330	14760	7.74	ng		0.00
14) 2-Fluorobiphenyl	12.89	172	43113	3.79	ng		0.00
22) Terphenyl-d14	19.67	244	34479	4.81	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.40	42	406	0.39	ng	#	79
6) bis(2-Chloroethyl)ether	7.07	93	147	0.05	ng	#	1
9) Nitrobenzene	8.76	77	5626	1.76	ng	#	1
11) 2-Methylnaphthalene	12.07	142	1036	0.13	ng	#	70
16) Hexachlorobenzene	16.35	284	15	Below Cal		#	100
17) Pentachlorophenol	16.69	266	371	0.69	ng	#	78
18) Fluoranthene	19.10	202	498	0.03	ng	#	81
20) Benzidine	19.22	184	186	0.45	ng	#	1
21) Pyrene	19.46	202	600	0.04	ng	#	70
23) Benzo(a)anthracene	21.26	228	1674	0.10	ng	#	68
24) 3,3'-Dichlorobenzidine	21.17	252	163	0.03	ng	#	22
25) Chrysene	21.26	228	1750	Below Cal		#	78
26) Bis(2-ethylhexyl)phthalate	21.12	149	1088	Below Cal		#	37
27) Indeno(1,2,3-cd)pyrene	25.71	276	333	0.02	ng		95
29) Benzo(b)fluoranthene	22.80	252	729	0.04	ng	#	1
30) Benzo(k)fluoranthene	22.85	252	393	0.03	ng	#	1
32) Dibenzo(a,h)anthracene	25.72	278	243	0.02	ng	#	1
33) Benzo(g,h,i)perylene	26.40	276	268	0.02	ng	#	12

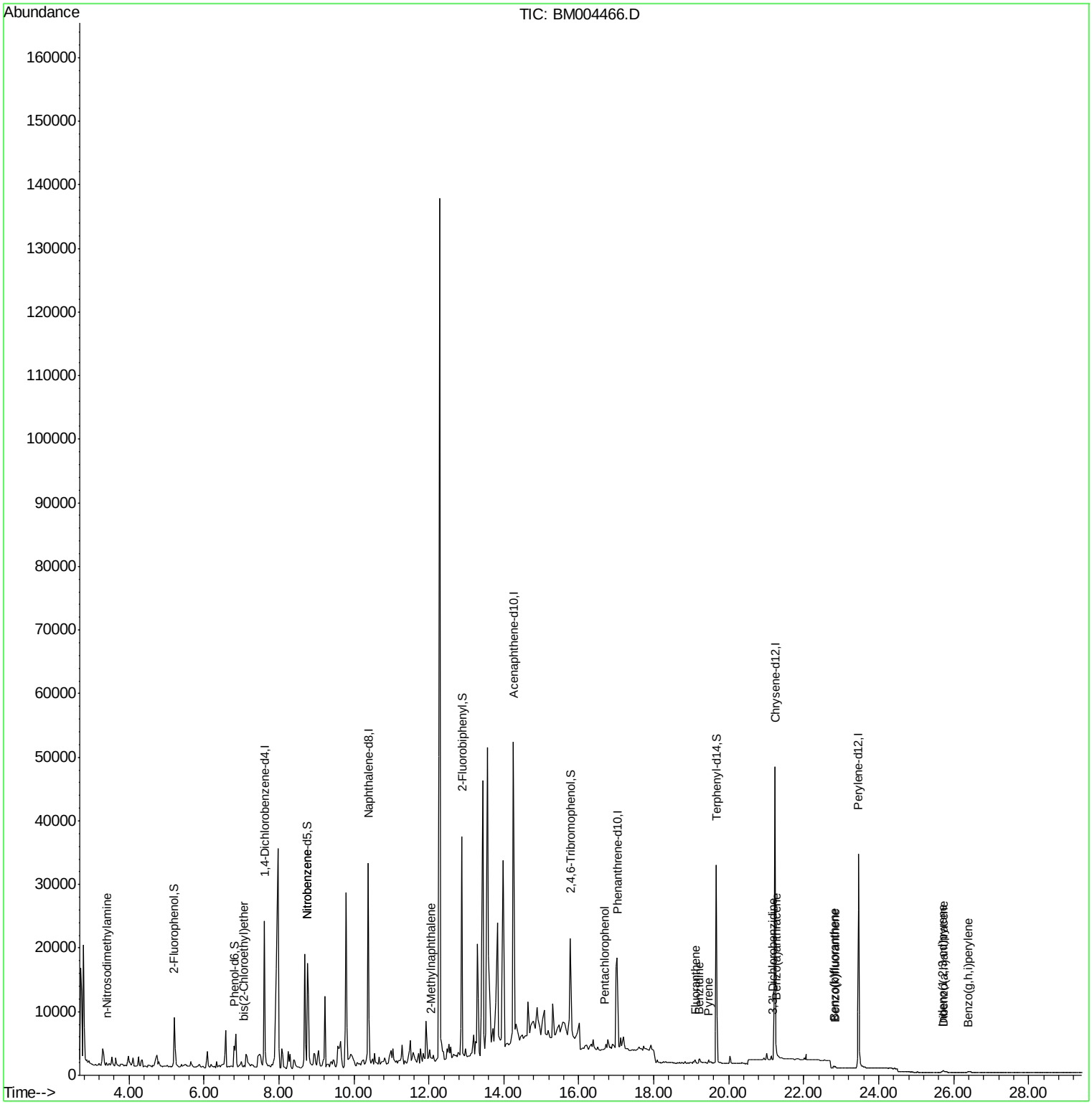
(#) = qualifier out of range (m) = manual integration (+) = signals summed

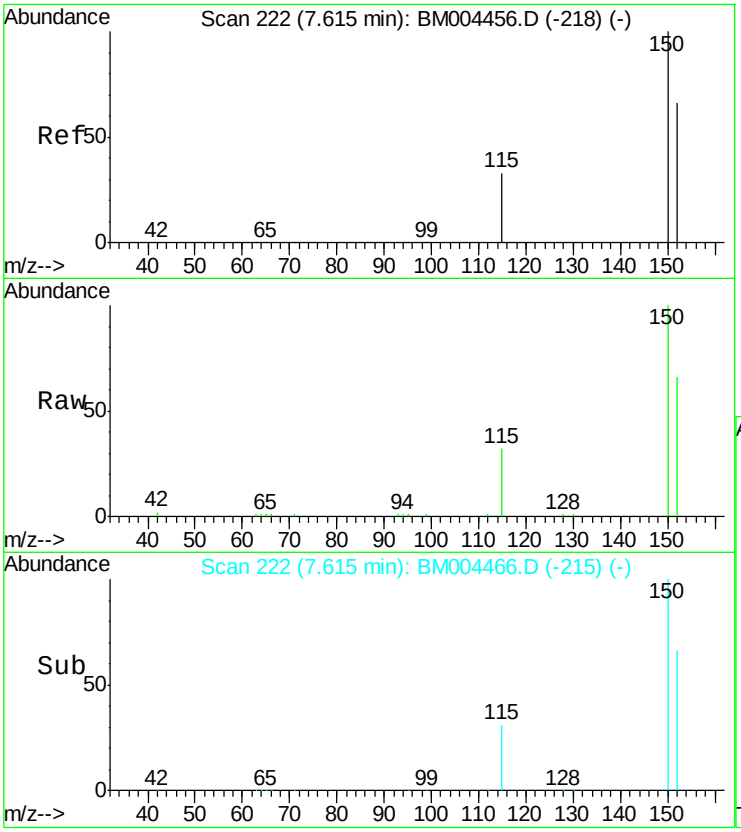
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004466.D
Acq On : 29 Feb 2016 01:45
Operator : SJ/UM
Sample : H1509-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-1

Quant Time: Feb 29 06:33:31 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



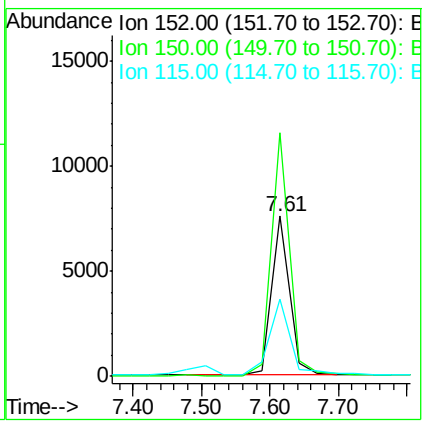


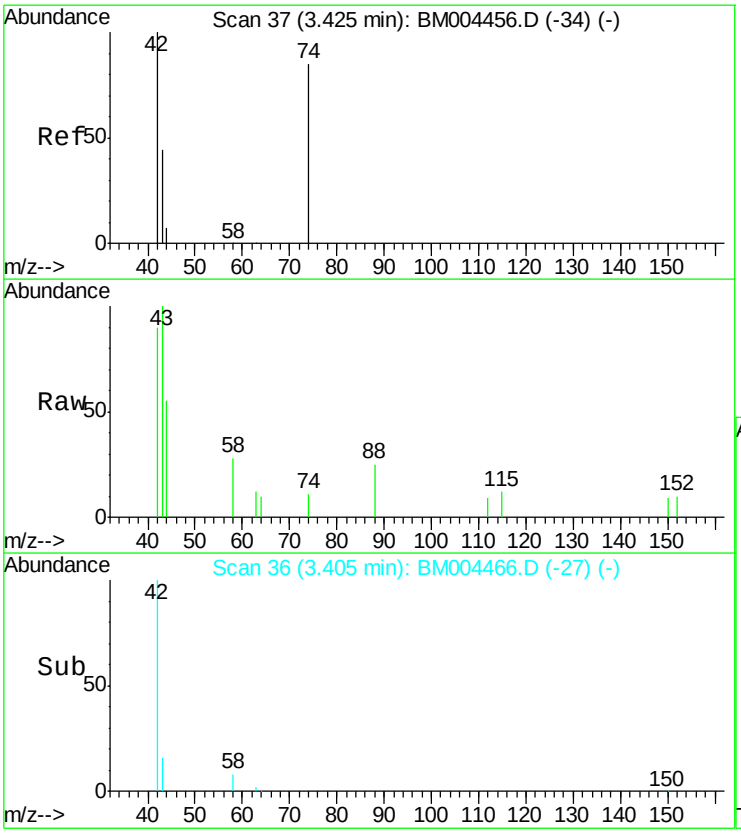
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 13862

Ion	Ratio	Lower	Upper
152	100		
150	152.1	123.9	185.9
115	47.9	40.6	61.0

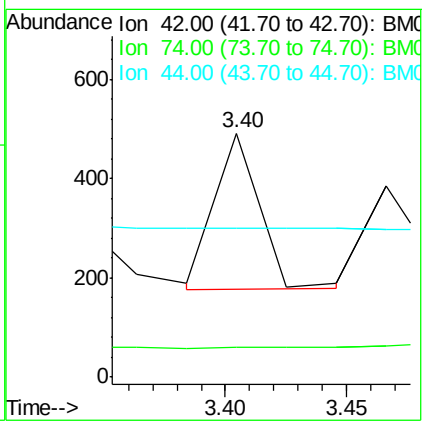


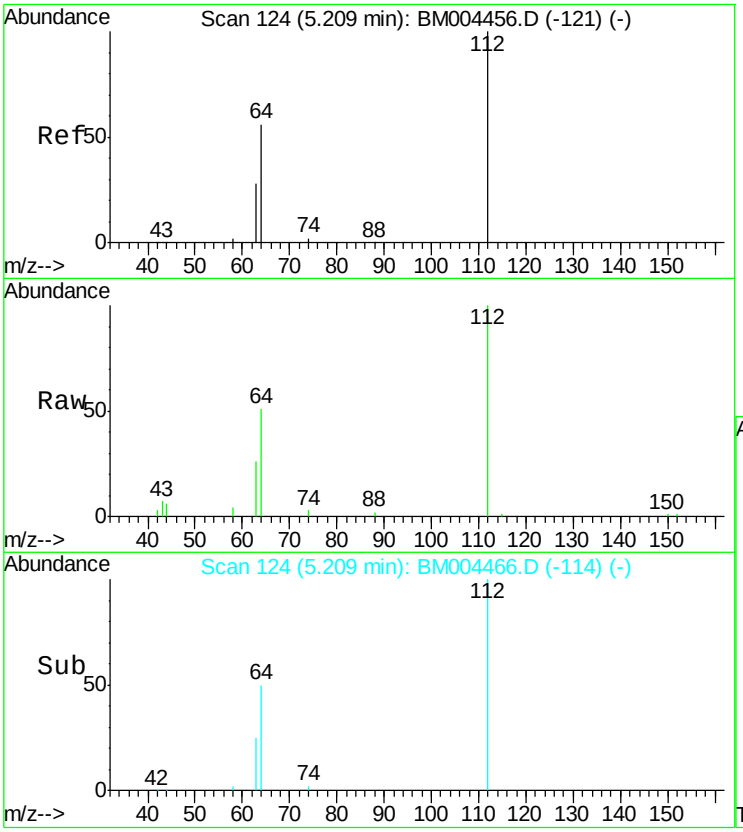


#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.40 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion: 42 Resp: 406

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



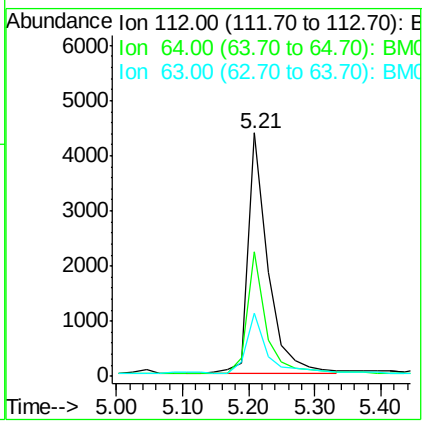


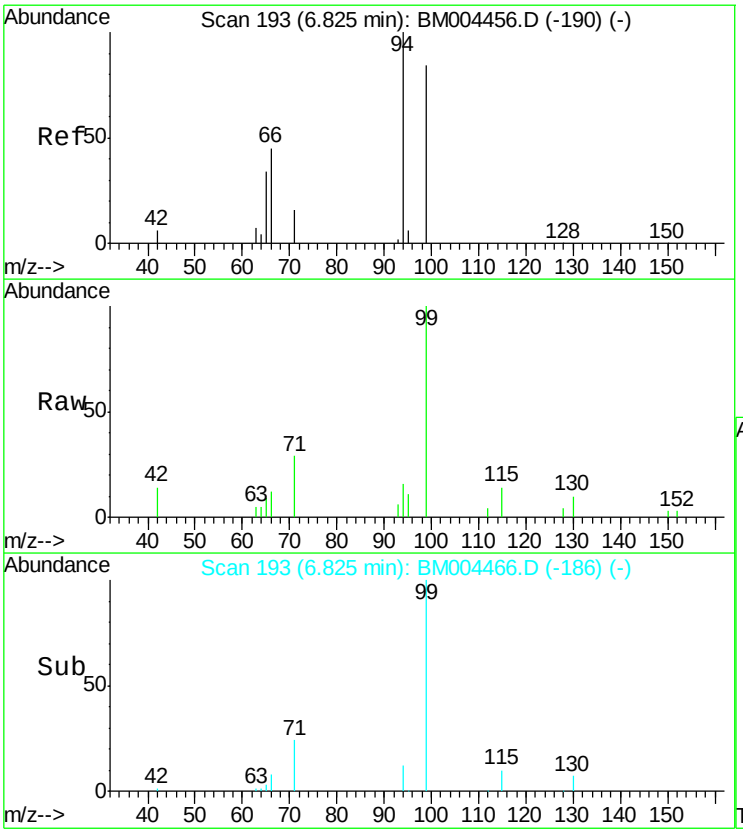
#4
2-Fluorophenol
Concen: 3.02 ng
RT: 5.21 min Scan# 124
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:112 Resp: 9196

Ion	Ratio	Lower	Upper
112	100		
64	47.2	39.4	59.2
63	25.7	19.9	29.9

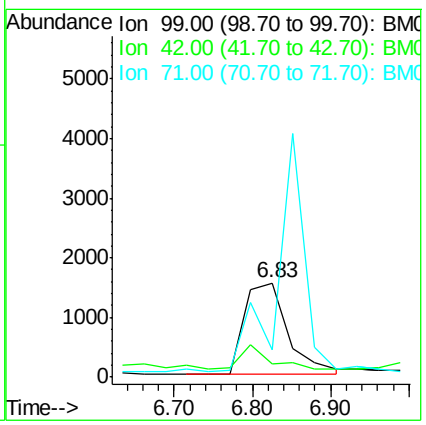


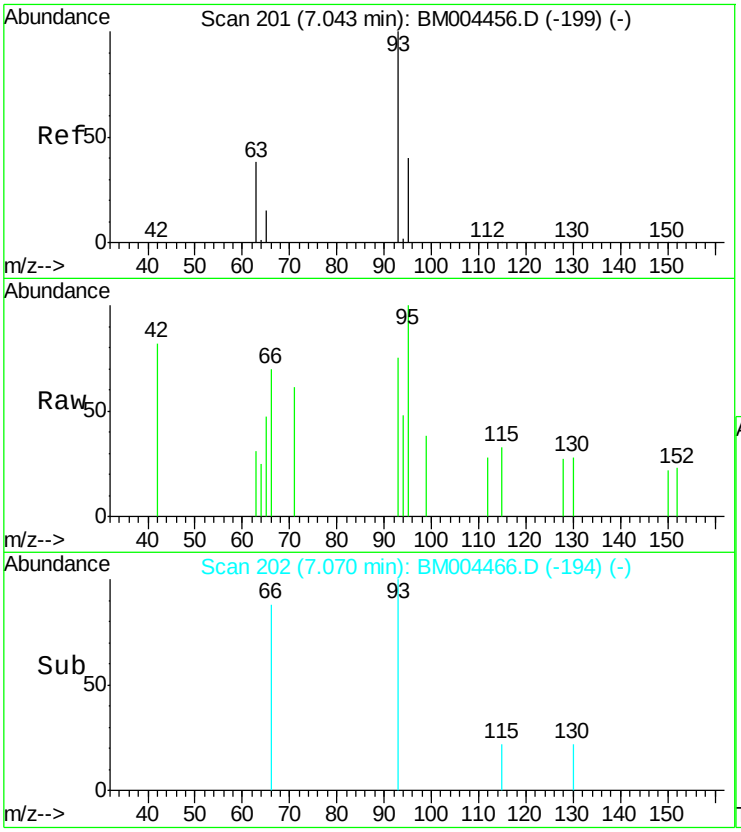


#5
Phenol-d6
Concen: 1.71 ng
RT: 6.83 min Scan# 193
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion: 99 Resp: 5926

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0



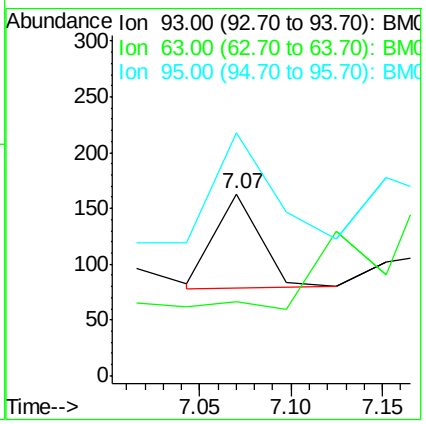


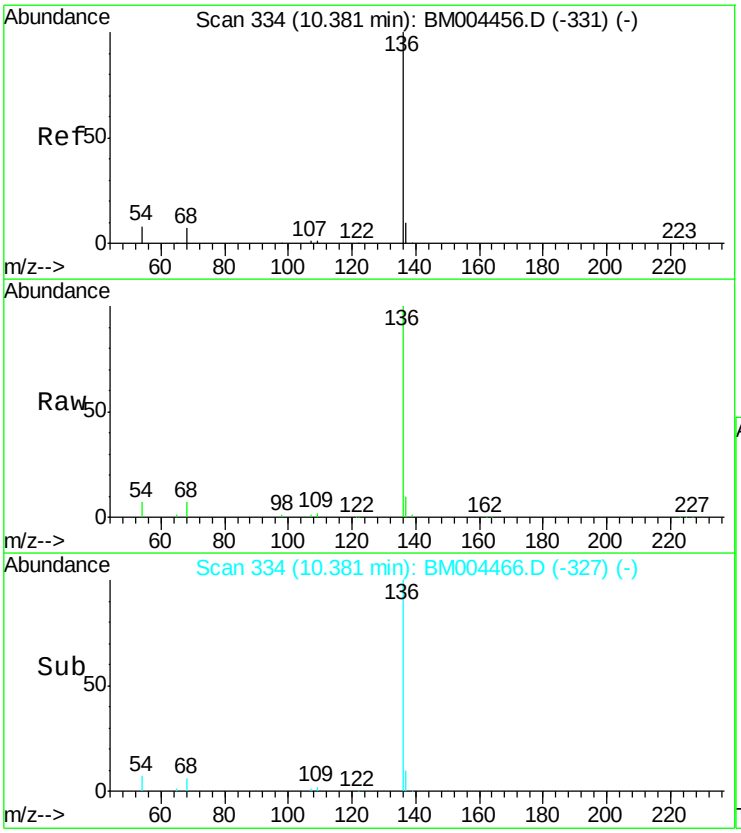
#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.07 min Scan# 202
Delta R.T. 0.03 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion: 93 Resp: 147

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	147.6	27.1	40.7#

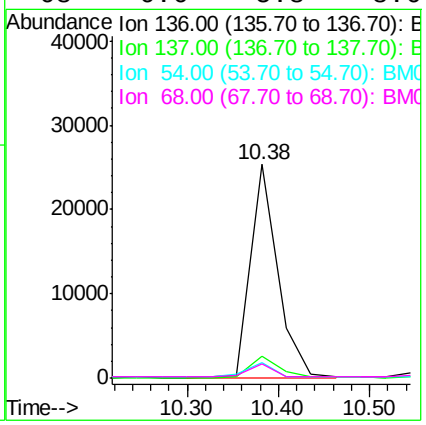


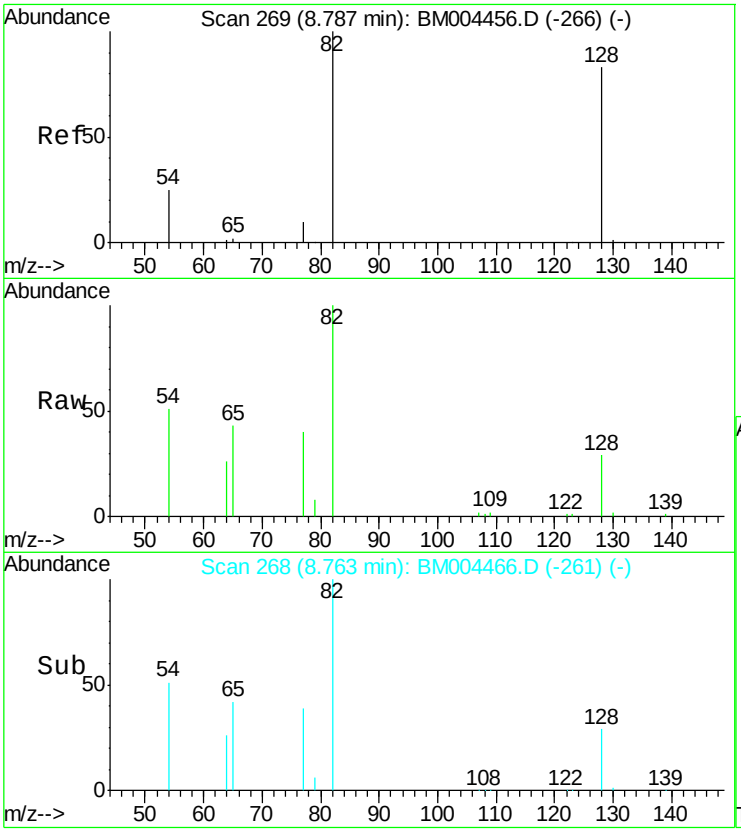


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 334
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:136 Resp: 52085

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.0	12.0
54	7.4	7.0	10.6
68	6.6	5.8	8.6



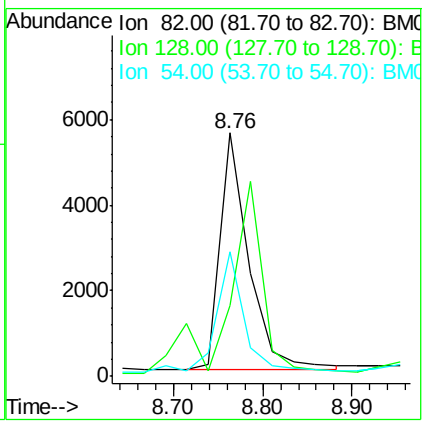


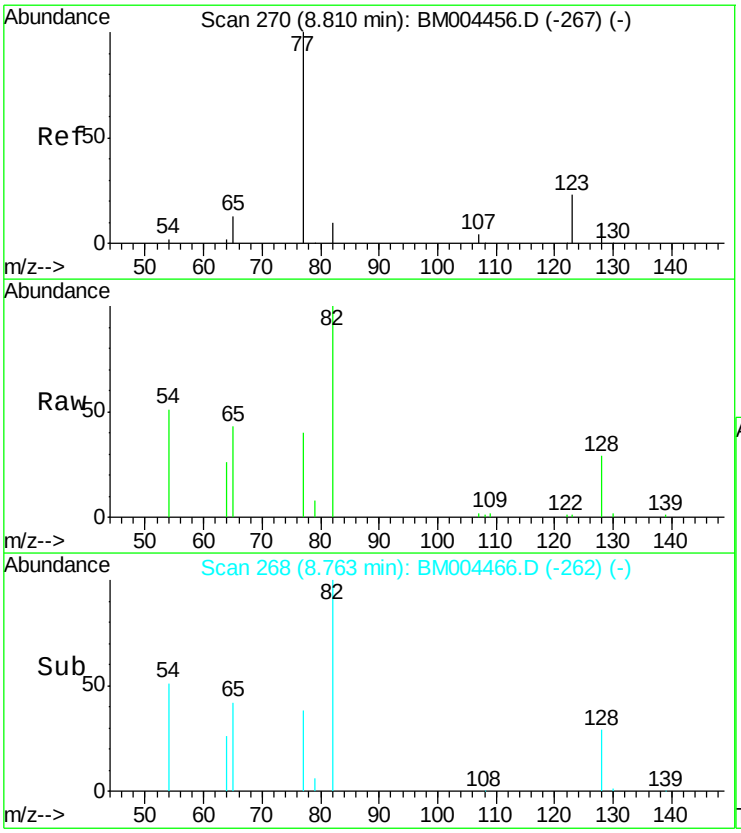
#8
Nitrobenzene-d5
Concen: 4.37 ng
RT: 8.76 min Scan# 268
Delta R.T. -0.02 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 12591

Ion	Ratio	Lower	Upper
82	100		
128	29.2	67.0	100.6#
54	51.2	25.2	37.8#

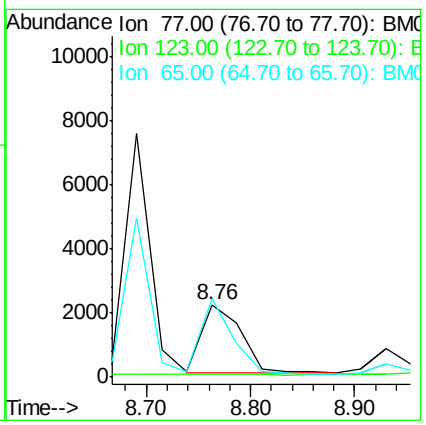


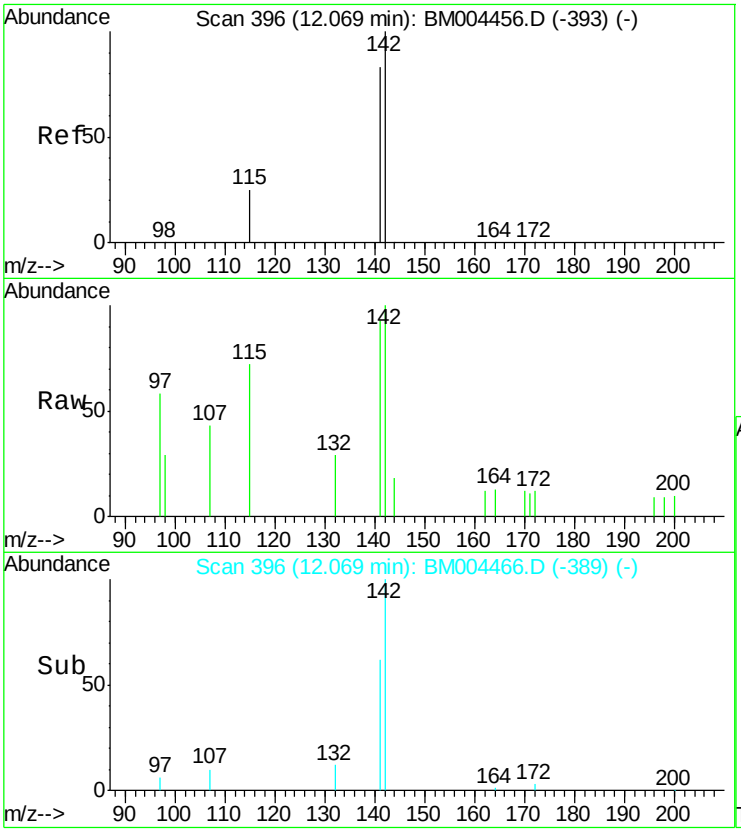


#9
Nitrobenzene
Concen: 1.76 ng
RT: 8.76 min Scan# 268
Delta R.T. -0.05 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion: 77 Resp: 5626

Ion	Ratio	Lower	Upper
77	100		
123	0.0	0.0	0.0
65	86.6	10.1	15.1#



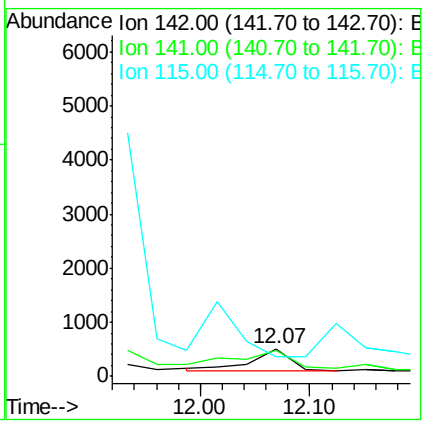


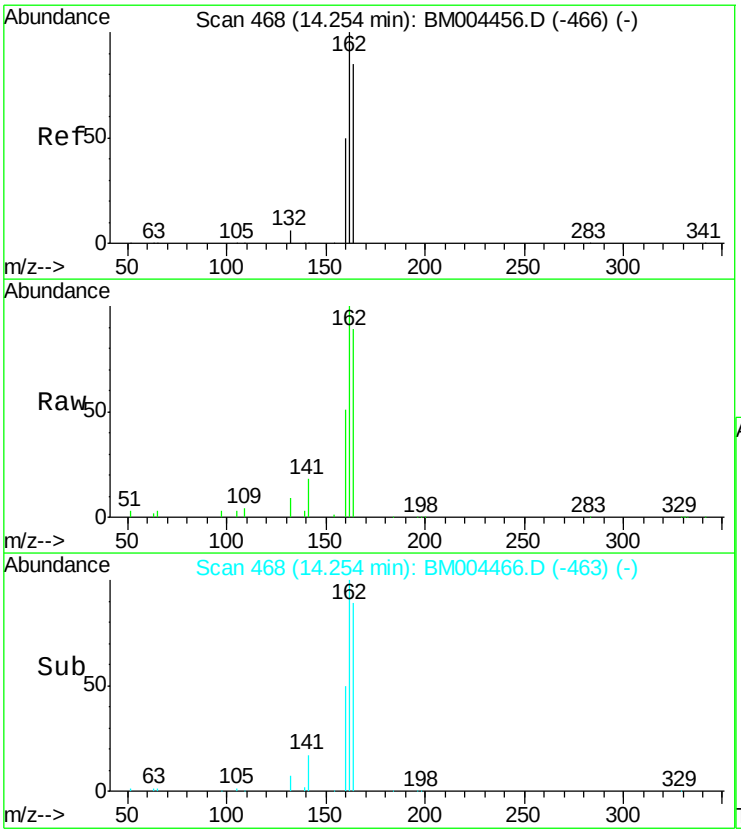
#11
2-Methylnaphthalene
Concen: 0.13 ng
RT: 12.07 min Scan# 396
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:142 Resp: 1036

Ion	Ratio	Lower	Upper
142	100		
141	92.9	66.4	99.6
115	72.1	21.6	32.4#

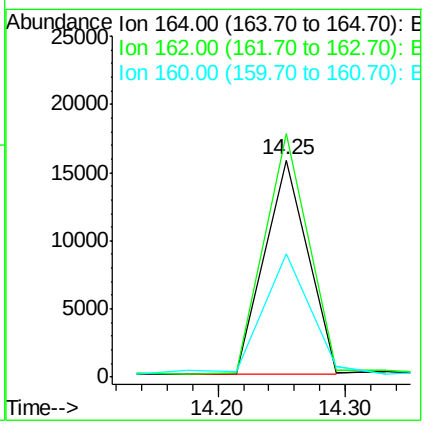


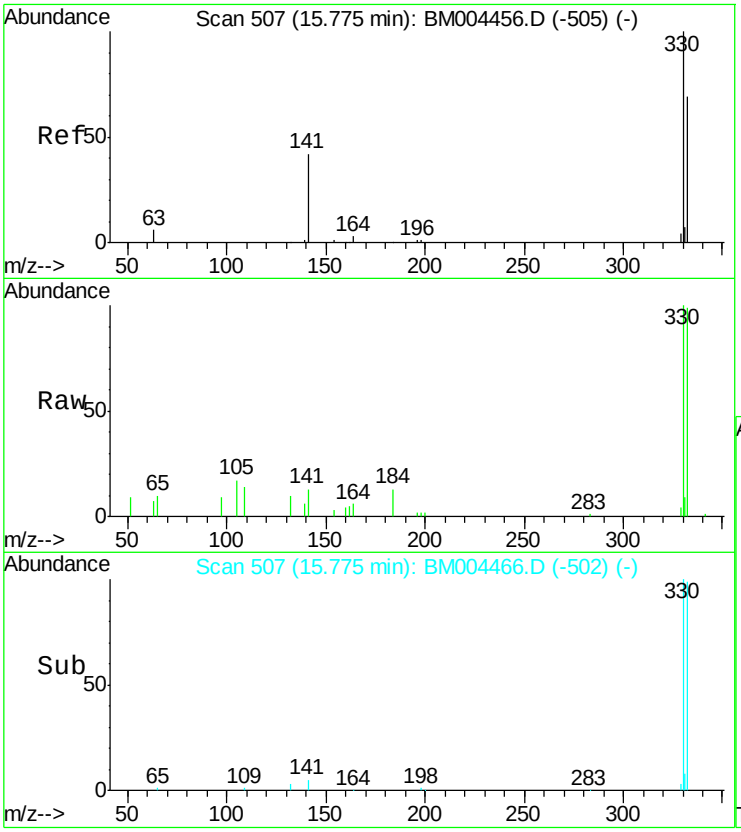


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 468
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:164 Resp: 37287

Ion	Ratio	Lower	Upper
164	100		
162	112.2	94.6	141.8
160	57.1	47.0	70.4



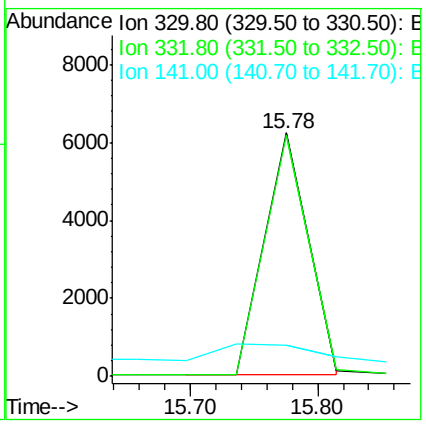


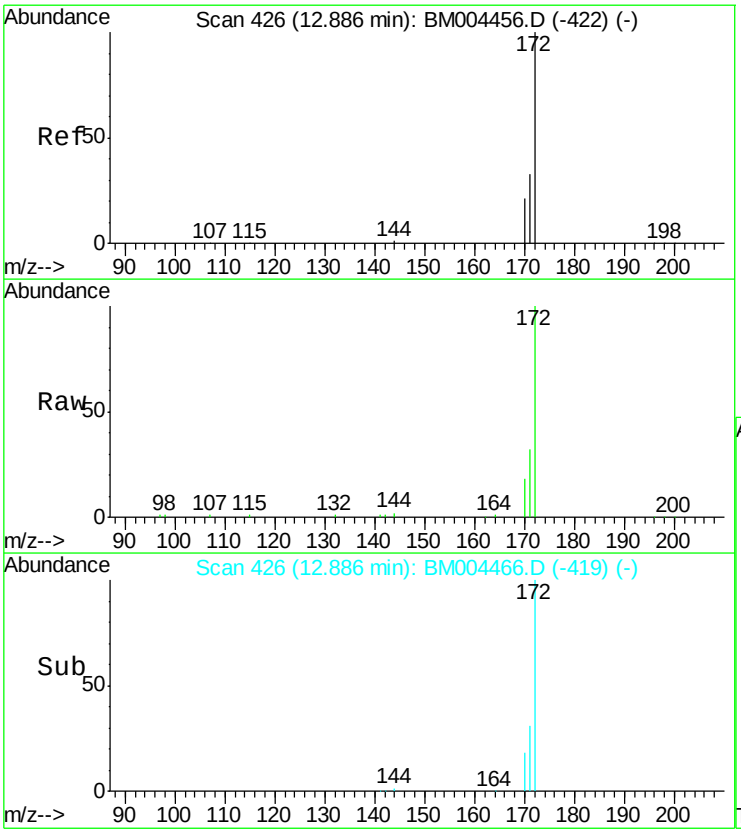
#13
2,4,6-Tribromophenol
Concen: 7.74 ng
RT: 15.78 min Scan# 507
Delta R.T. 0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 14760

Ion	Ratio	Lower	Upper
330	100		
332	99.1	59.2	88.8#
141	0.0	33.0	49.4#

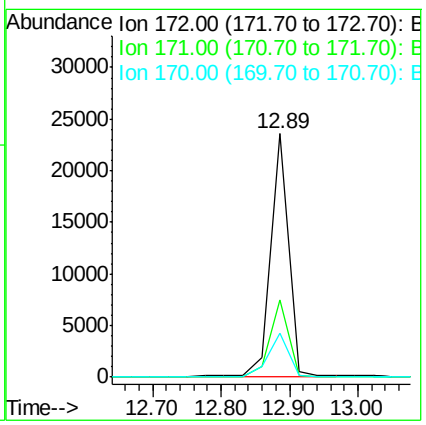


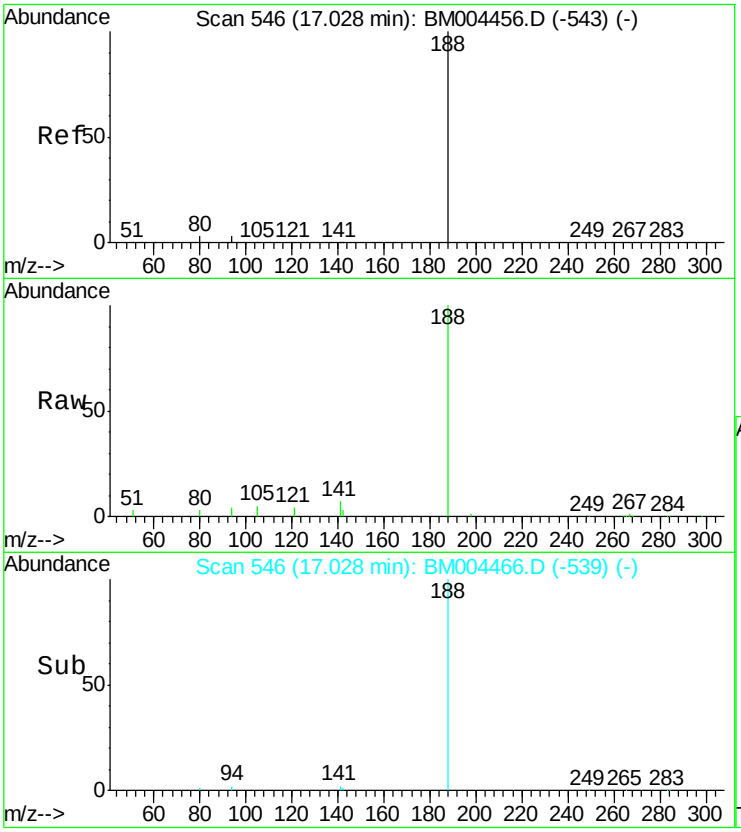


#14
2-Fluorobiphenyl
Concen: 3.79 ng
RT: 12.89 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:172 Resp: 43113

Ion	Ratio	Lower	Upper
172	100		
171	31.5	27.2	40.8
170	18.2	17.4	26.0



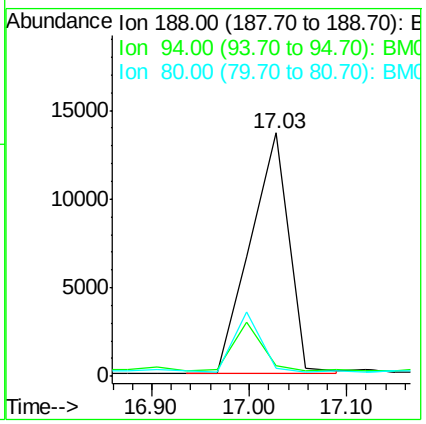


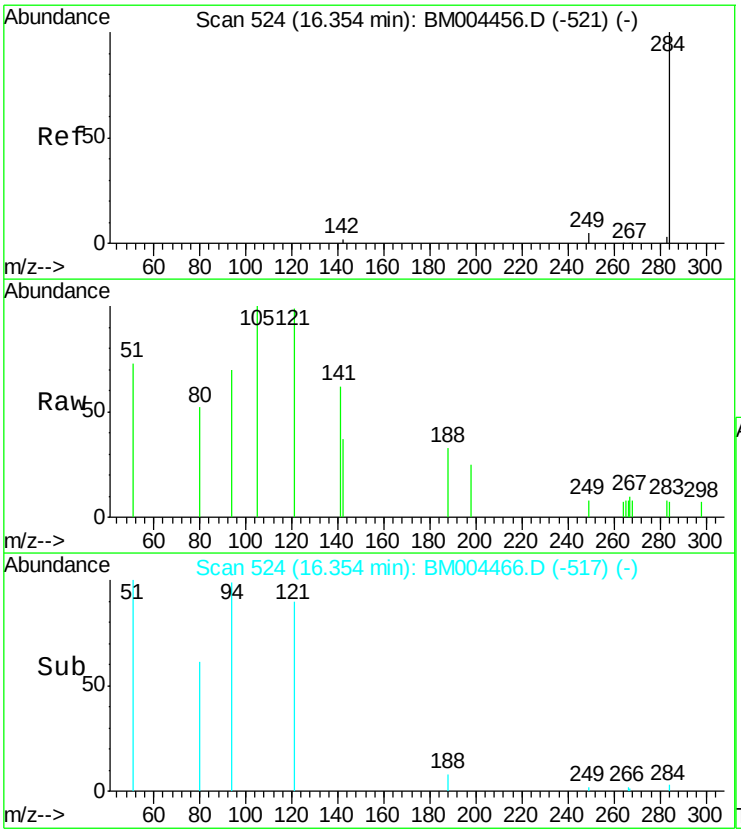
#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 37611

Ion	Ratio	Lower	Upper
188	100		
94	4.4	2.7	4.1#
80	3.4	2.2	3.4#

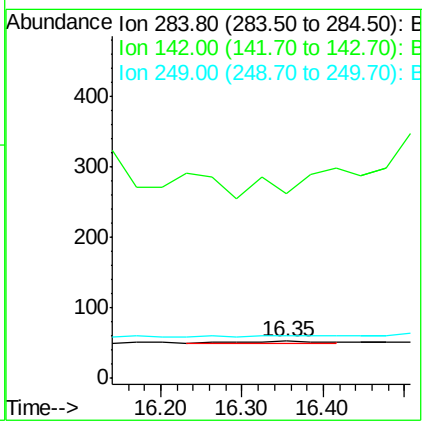


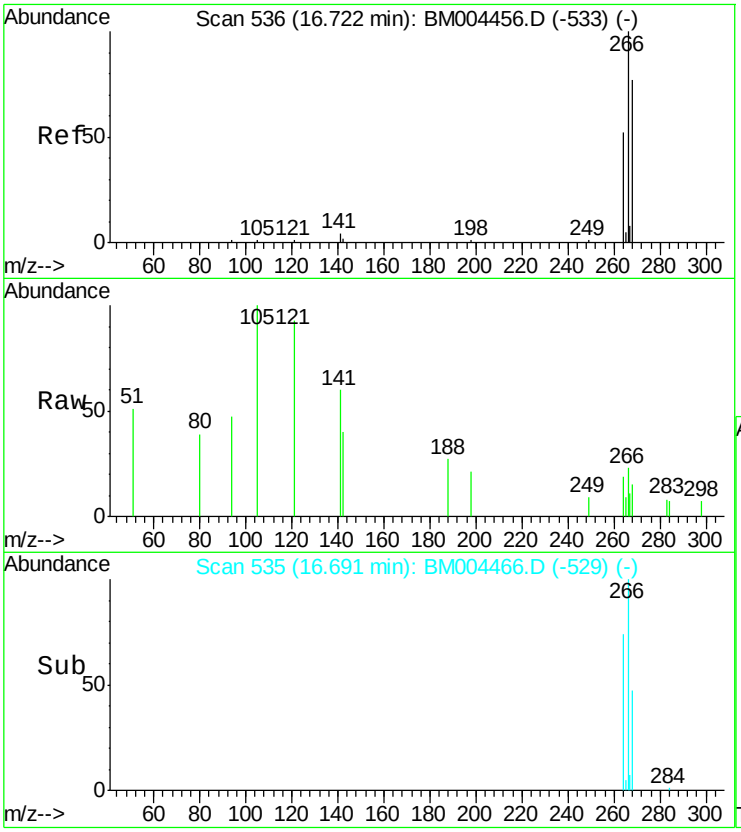


#16
Hexachlorobenzene
Concen: Below Cal
RT: 16.35 min Scan# 524
Delta R.T. 0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:284 Resp: 15

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



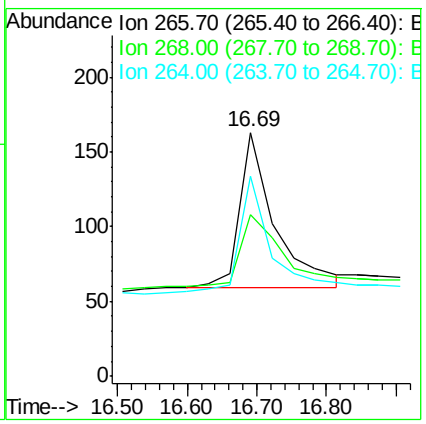


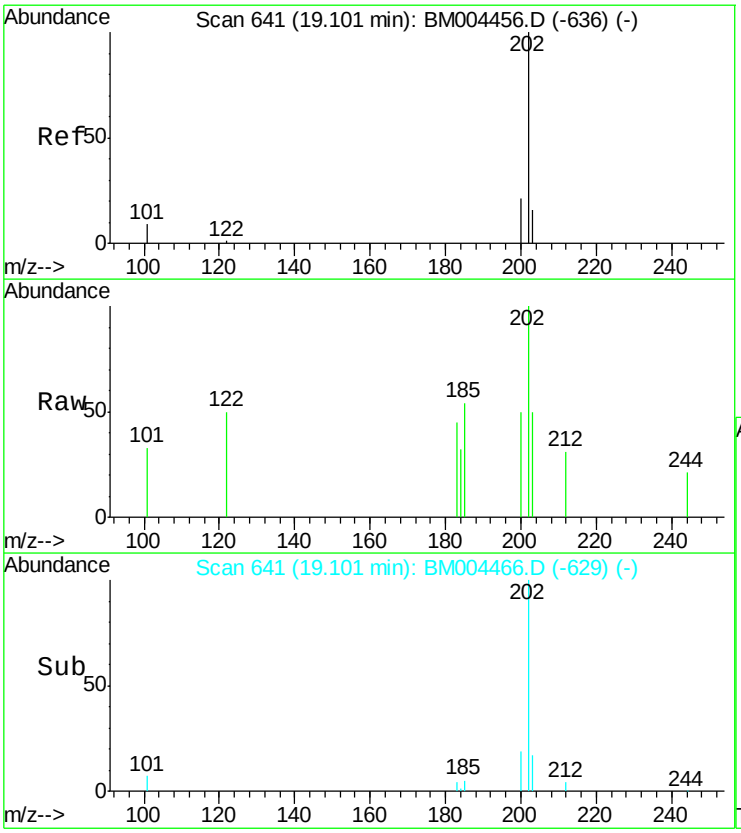
#17
Pentachlorophenol
Concen: 0.69 ng
RT: 16.69 min Scan# 535
Delta R.T. -0.03 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:266 Resp: 371

Ion	Ratio	Lower	Upper
266	100		
268	66.3	66.8	100.2#
264	82.2	49.4	74.0#

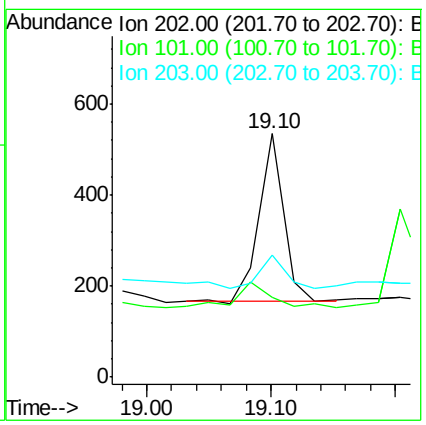


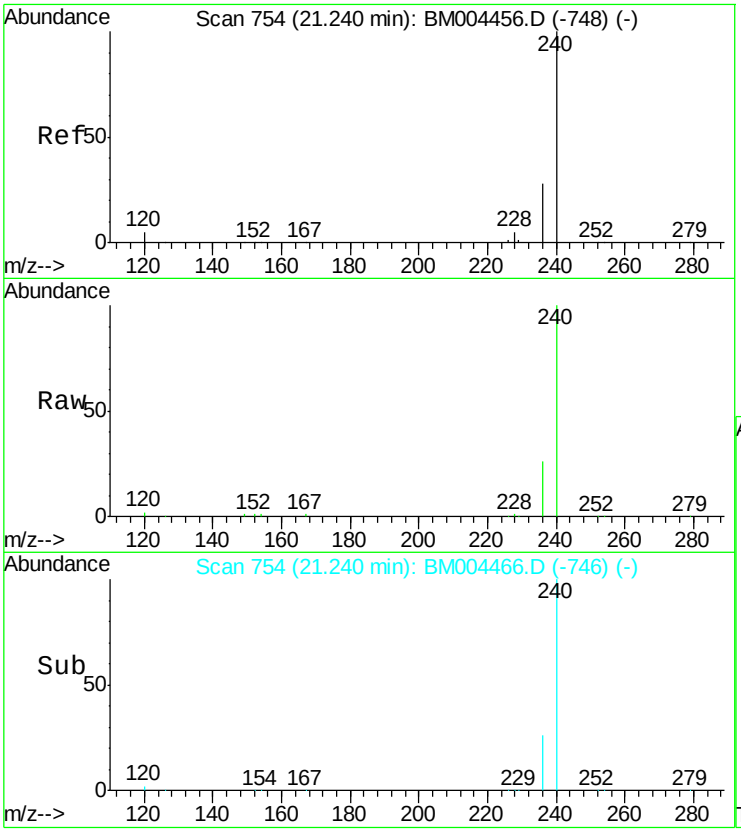


#18
Fluoranthene
Concen: 0.03 ng
RT: 19.10 min Scan# 641
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:202 Resp: 498

Ion	Ratio	Lower	Upper
202	100		
101	24.7	9.4	14.0#
203	21.5	13.9	20.9#



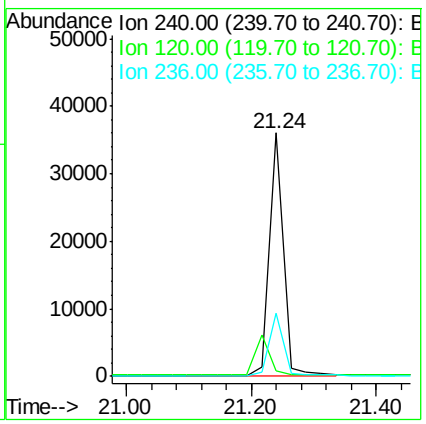


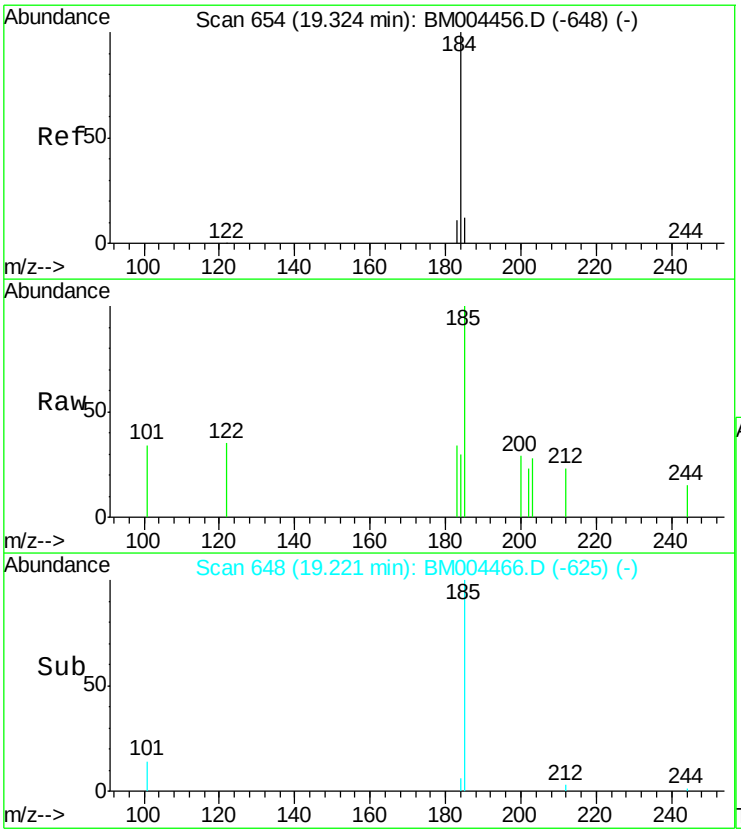
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:240 Resp: 56319

Ion	Ratio	Lower	Upper
240	100		
120	2.2	4.0	6.0#
236	25.9	22.7	34.1

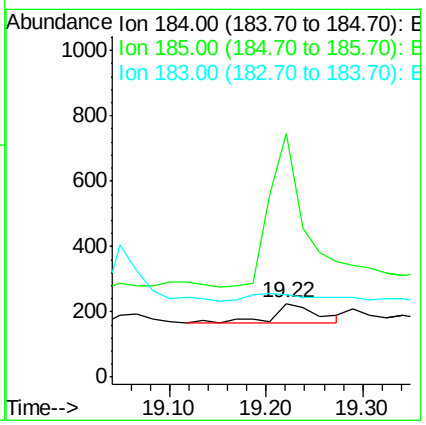


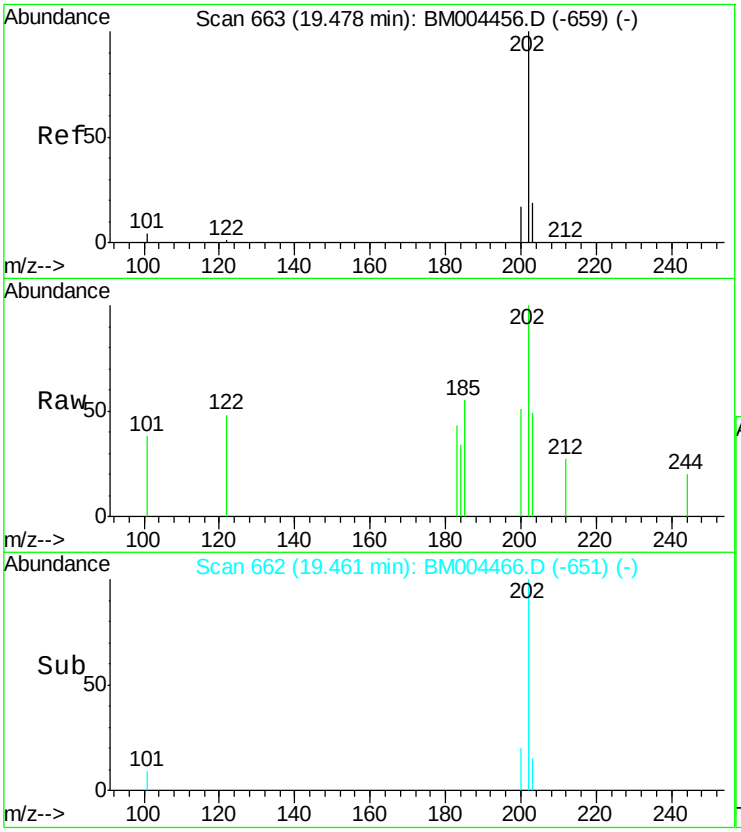


#20
Benzidine
Concen: 0.45 ng
RT: 19.22 min Scan# 648
Delta R.T. -0.10 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:184 Resp: 186

Ion	Ratio	Lower	Upper
184	100		
185	331.6	20.8	31.2#
183	112.9	18.5	27.7#



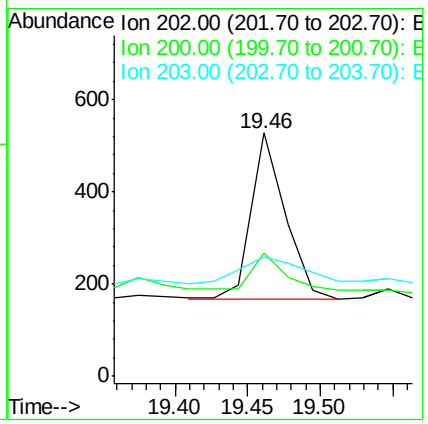


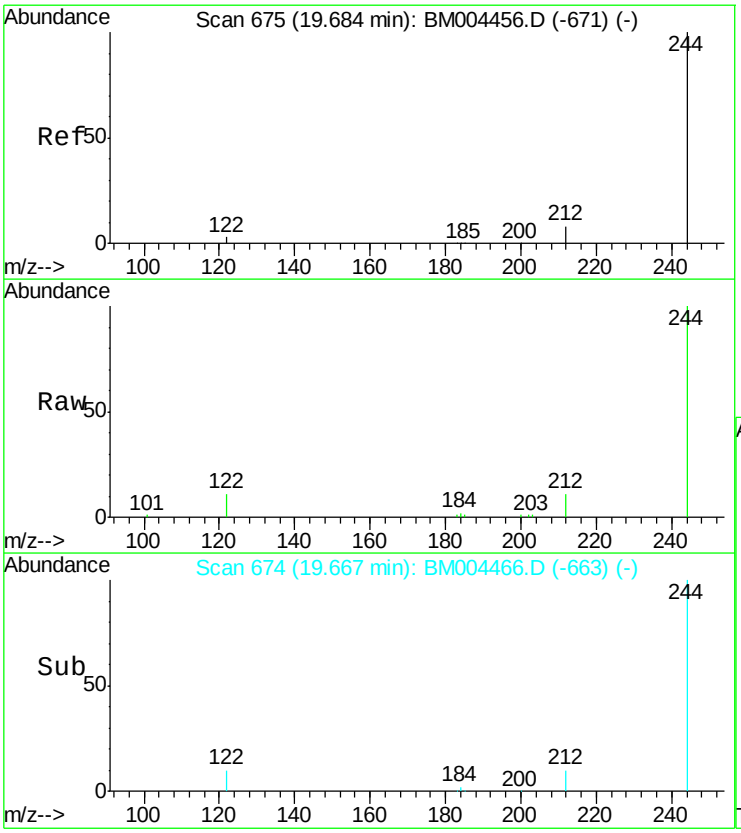
#21
Pyrene
Concen: 0.04 ng
RT: 19.46 min Scan# 662
Delta R.T. -0.02 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:202 Resp: 600

Ion	Ratio	Lower	Upper
202	100		
200	31.8	16.6	24.8#
203	33.3	13.9	20.9#

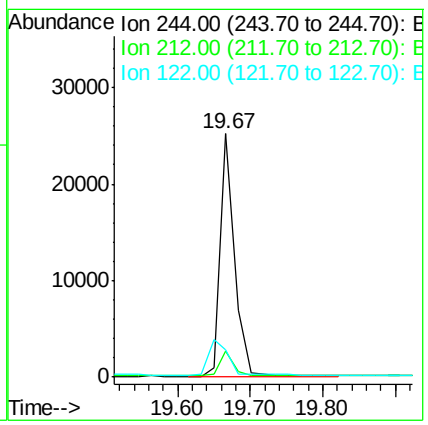


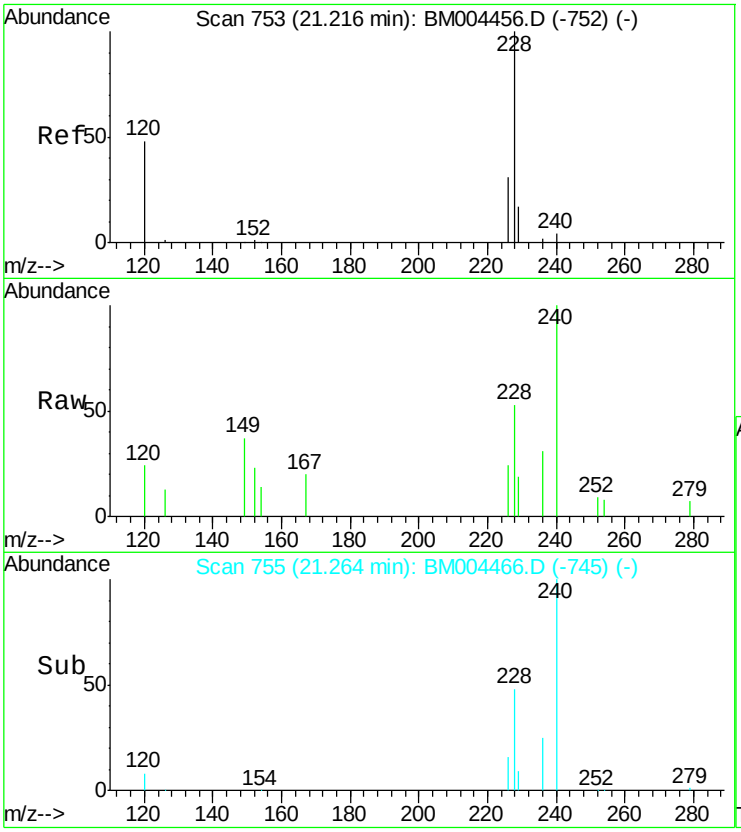


#22
Terphenyl-d14
Concen: 4.81 ng
RT: 19.67 min Scan# 674
Delta R.T. -0.02 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:244 Resp: 34479

Ion	Ratio	Lower	Upper
244	100		
212	10.9	7.4	11.2
122	11.3	4.2	6.2#



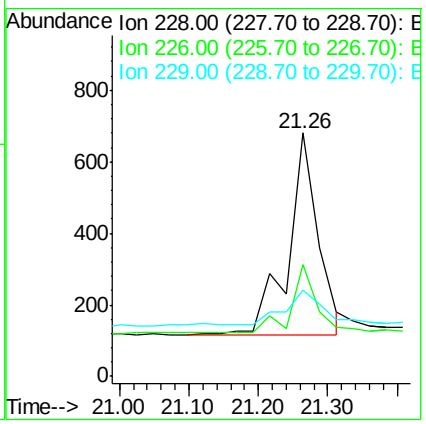


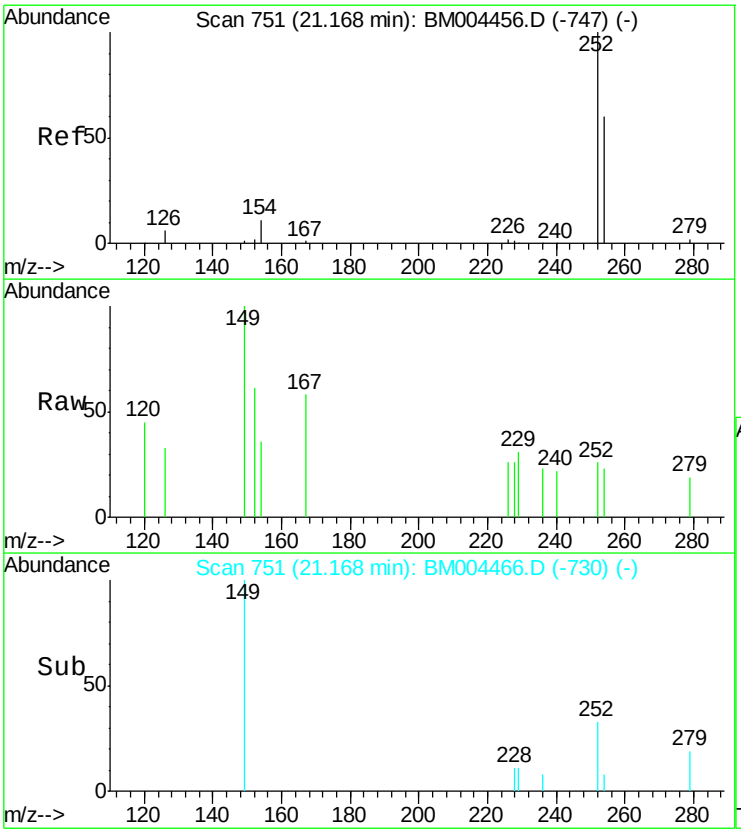
#23
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.26 min Scan# 755
Delta R.T. 0.05 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:228 Resp: 1674

Ion	Ratio	Lower	Upper
228	100		
226	46.1	25.1	37.7#
229	35.7	14.2	21.4#

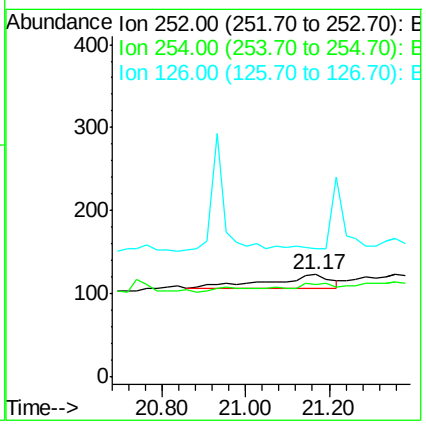


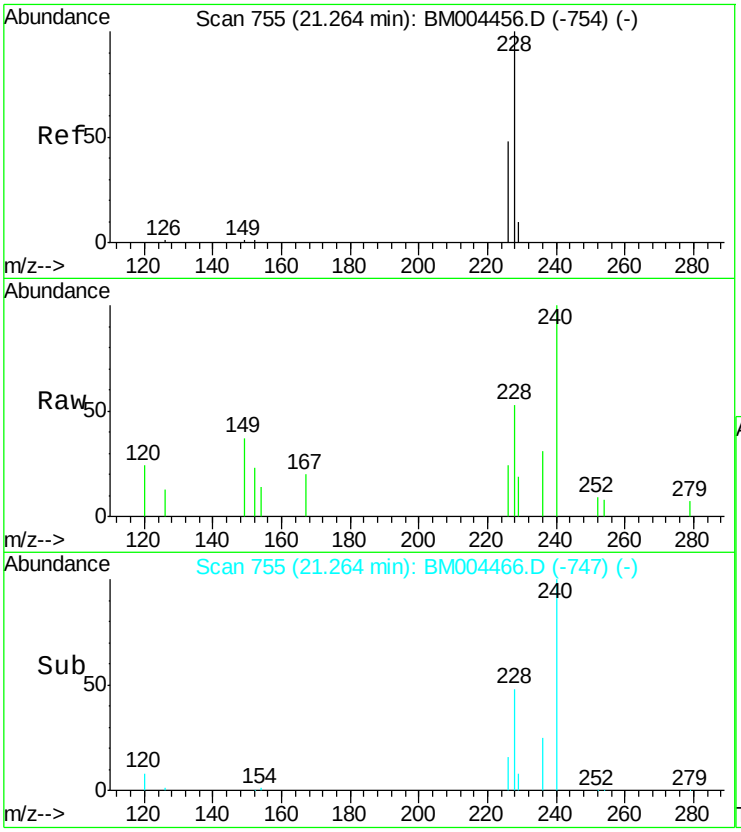


#24
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 21.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:252 Resp: 163

Ion	Ratio	Lower	Upper
252	100		
254	90.2	48.7	73.1#
126	126.0	8.2	12.2#



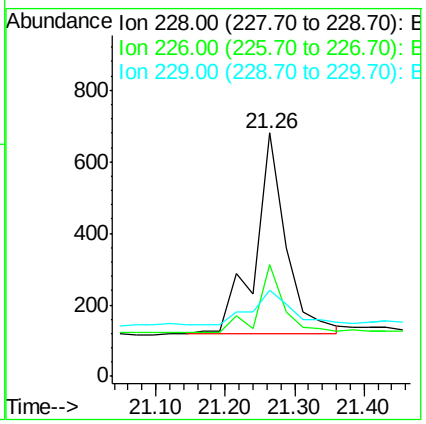


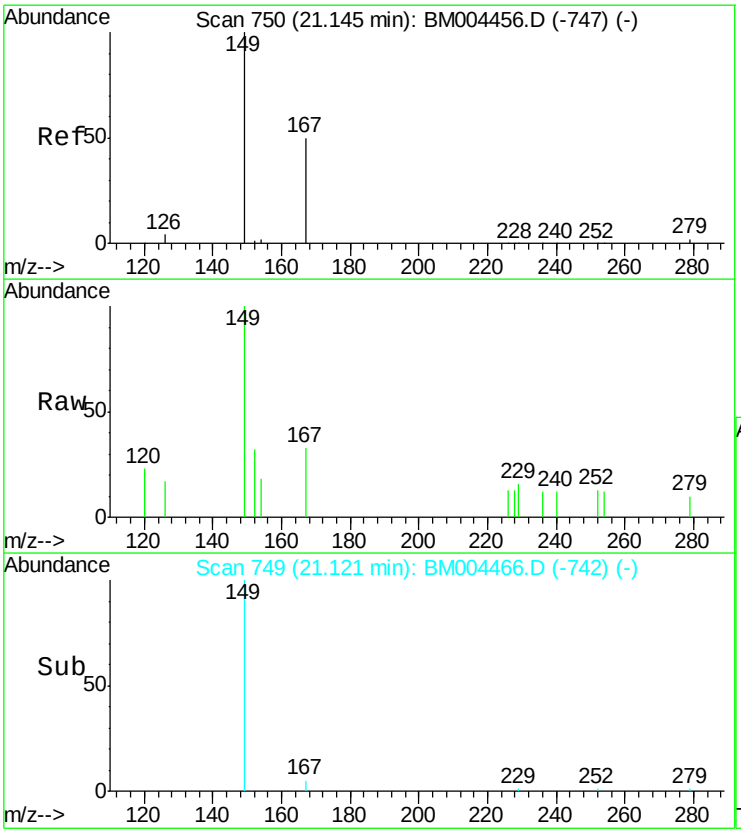
#25
Chrysene
Concen: Below Cal
RT: 21.26 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:228 Resp: 1750

Ion	Ratio	Lower	Upper
228	100		
226	46.1	31.0	46.6
229	35.7	13.4	20.2#

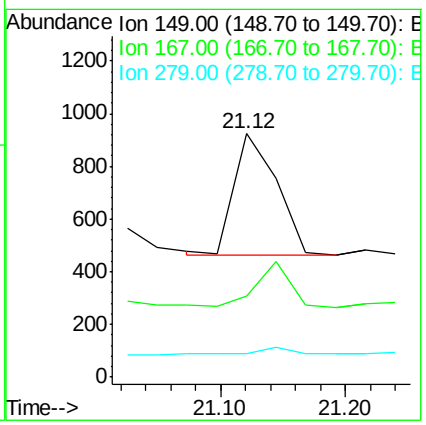


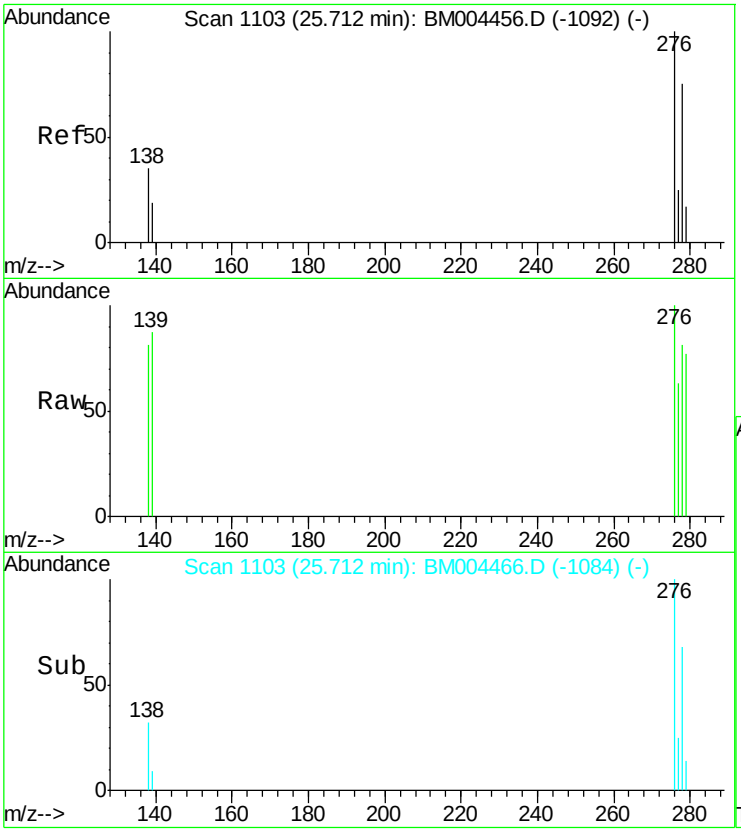


#26
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.12 min Scan# 749
Delta R.T. -0.02 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:149 Resp: 1088

Ion	Ratio	Lower	Upper
149	100		
167	0.0	33.1	49.7#
279	0.0	2.0	3.0#



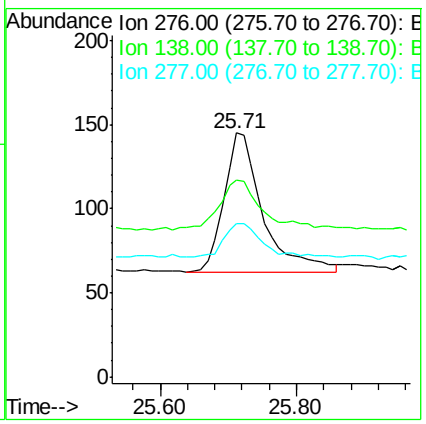


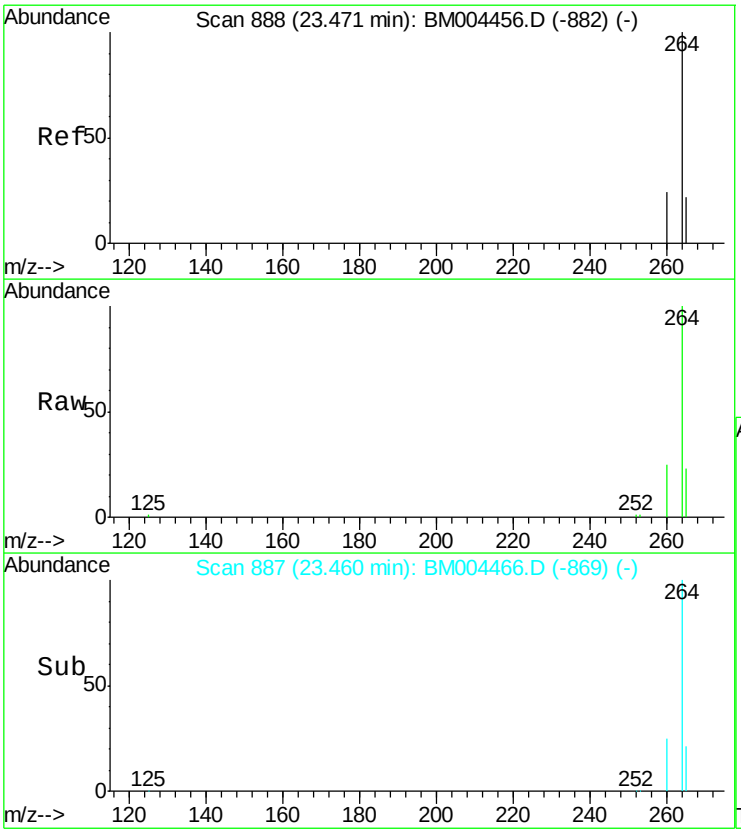
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.71 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:276 Resp: 333

Ion	Ratio	Lower	Upper
276	100		
138	41.4	30.0	45.0
277	23.7	19.8	29.8

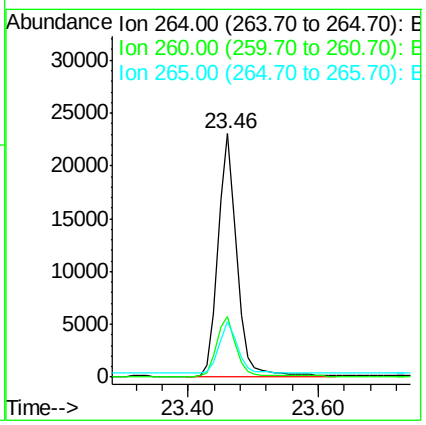


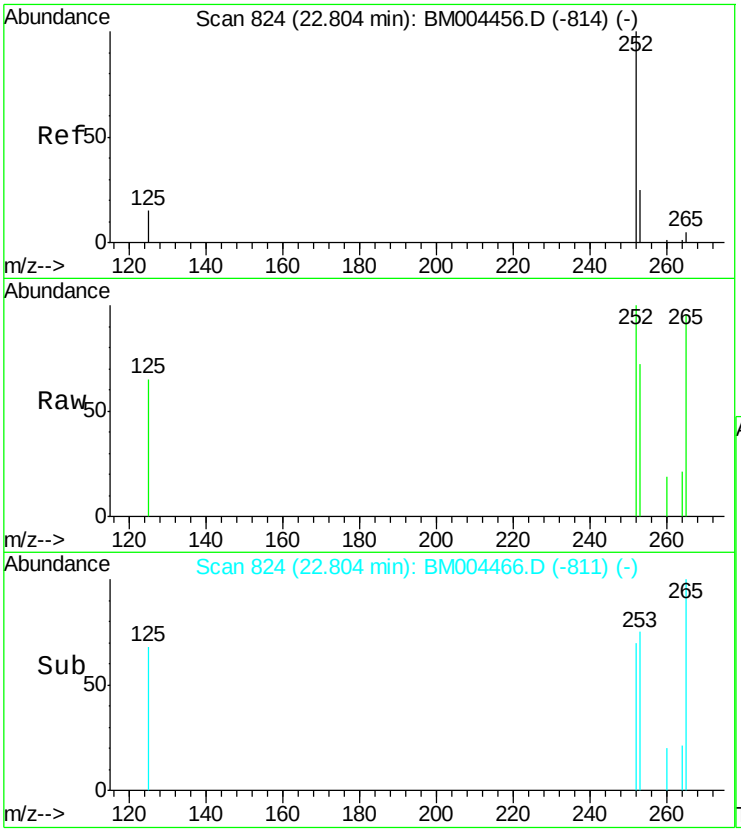


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:264 Resp: 45756

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	22.7	18.9	28.3



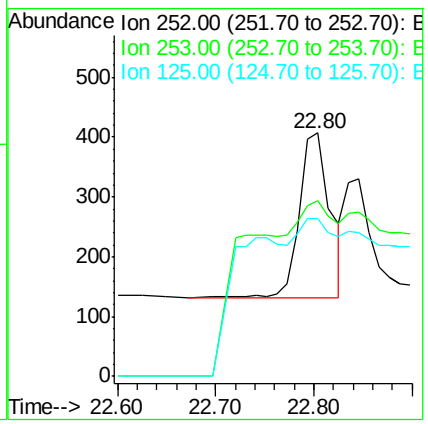


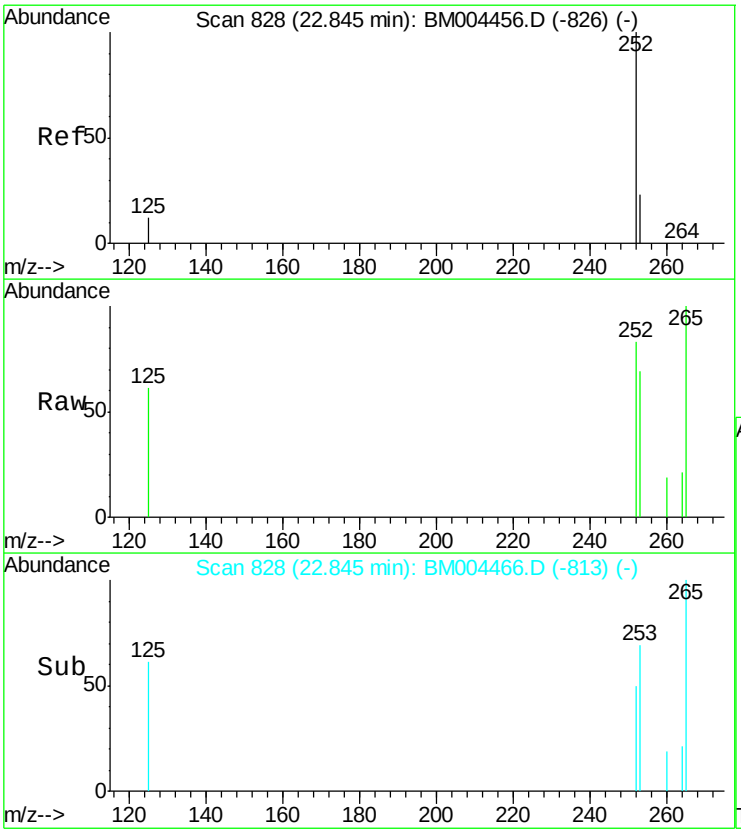
#29
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.80 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:252 Resp: 729

Ion	Ratio	Lower	Upper
252	100		
253	72.0	19.8	29.6#
125	64.9	12.2	18.2#

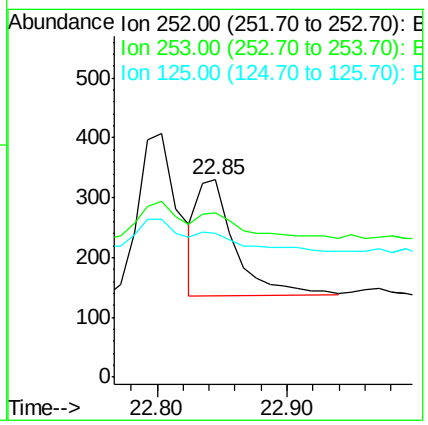


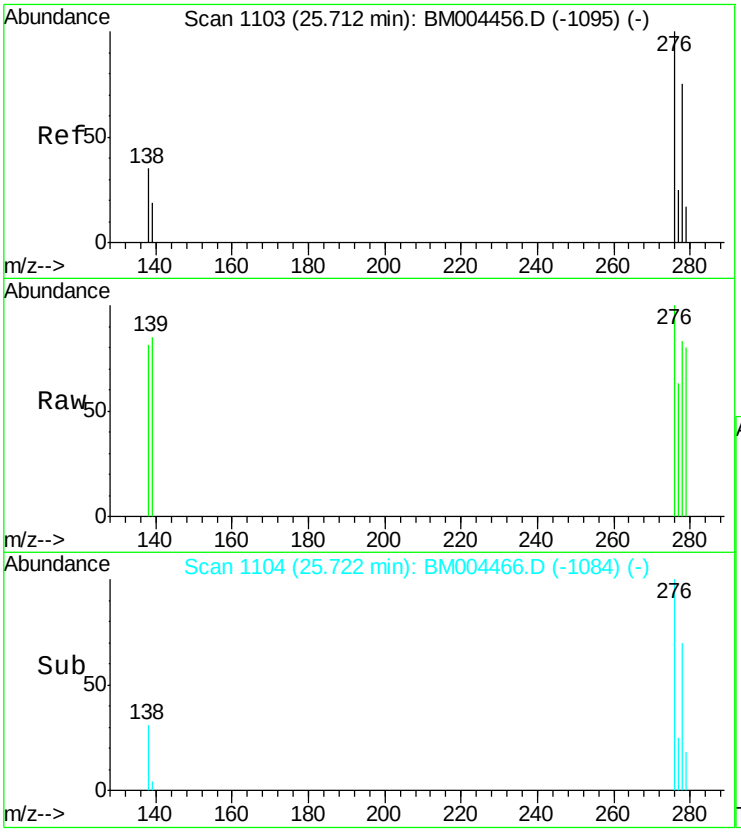


#30
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.85 min Scan# 828
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:252 Resp: 393

Ion	Ratio	Lower	Upper
252	100		
253	83.3	19.3	28.9#
125	72.7	12.4	18.6#



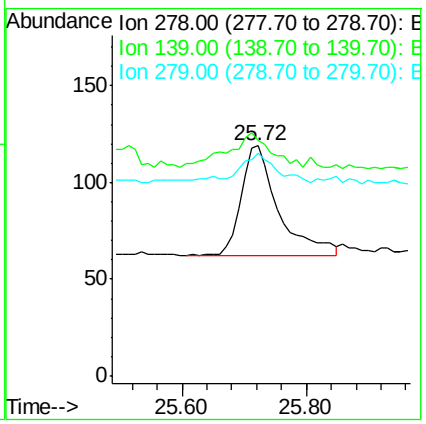


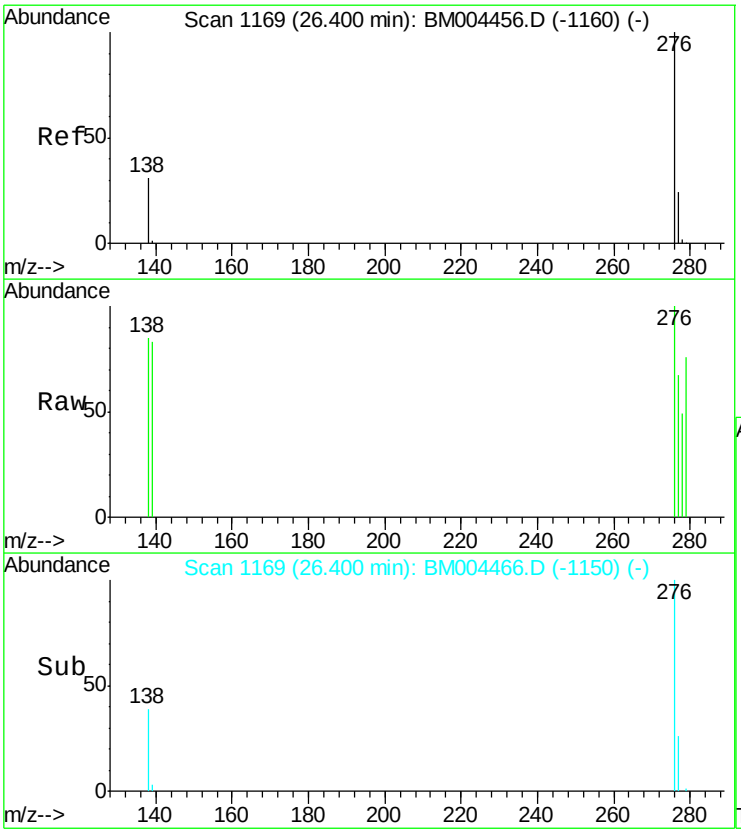
#32
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.72 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:278 Resp: 243

Ion	Ratio	Lower	Upper
278	100		
139	102.5	22.3	33.5#
279	96.6	20.7	31.1#





#33
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.40 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:276 Resp: 268

Ion	Ratio	Lower	Upper
276	100		
277	67.4	20.4	30.6#
138	84.8	26.4	39.6#