Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004460.D
Acq On : 28 Feb 2016 20:56
Operator : SJ/UM
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM022816

Quant Time: Feb 29 06:32:24 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	12838	5.00	ng		0.00
7) Naphthalene-d8	10.38	136	45776	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	30225	5.00	ng		0.00
15) Phenanthrene-d10	17.03	188	45750	5.00	ng		0.00
19) Chrysene-d12	21.24	240	59064	5.00	ng		0.00
28) Perylene-d12	23.46	264	45593	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2790	0.99	ng		0.00
5) Phenol-d6	6.83	99	2930	0.91	ng		0.00
8) Nitrobenzene-d5	8.79	82	2365	0.93	ng		0.00
13) 2,4,6-Tribromophenol	15.78	330	908	0.79	ng		0.00
14) 2-Fluorobiphenyl	12.89	172	8642	0.94	ng		0.00
22) Terphenyl-d14	19.68	244	7282	0.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1162	1.08	ng		95
3) n-Nitrosodimethylamine	3.43	42	966	1.01	ng	#	99
6) bis(2-Chloroethyl)ether	7.04	93	2630	1.03	ng	#	100
9) Nitrobenzene	8.81	77	2710	0.97	ng	#	100
10) Hexachlorobutadiene	10.74	225	1838	0.98	ng		99
11) 2-Methylnaphthalene	12.07	142	7122	1.02	ng		97
16) Hexachlorobenzene	16.35	284	2448	1.04	ng	#	100
17) Pentachlorophenol	16.72	266	591	0.80	ng		97
18) Fluoranthene	19.10	202	16148	0.89	ng		100
20) Benzidine	19.32	184	4268	1.16	ng	#	90
21) Pyrene	19.48	202	16536	0.94	ng		99
23) Benzo(a)anthracene	21.22	228	29972	1.78	ng		99
24) 3,3'-Dichlorobenzidine	21.17	252	6053	1.05	ng		99
25) Chrysene	21.22	228	30726	2.01	ng	#	90
26) Bis(2-ethylhexyl)phthalate	21.14	149	8222	0.81	ng	#	97
27) Indeno(1,2,3-cd)pyrene	25.70	276	14582	0.95	ng		99
29) Benzo(b)fluoranthene	22.80	252	16356	0.95	ng		99
30) Benzo(k)fluoranthene	22.85	252	13208	0.89	ng		99
31) Benzo(a)pyrene	23.37	252	13253	0.99	ng		99
32) Dibenzo(a,h)anthracene	25.71	278	11396	0.96	ng		99
33) Benzo(g,h,i)perylene	26.39	276	12584	0.96	ng		97

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

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Misc :
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Instrument :
BNA_M
ClientSampleId :
ICVBM022816

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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
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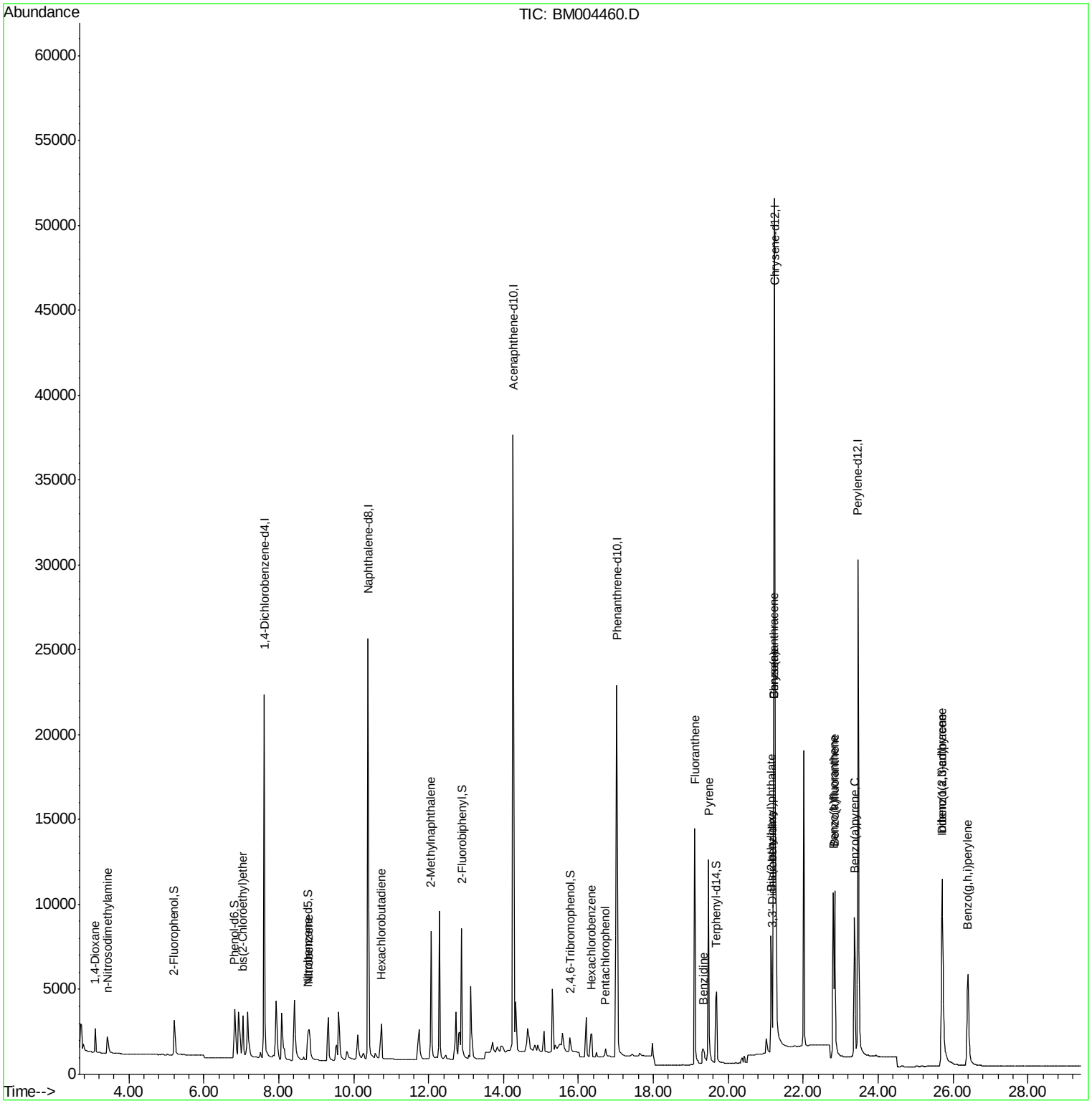
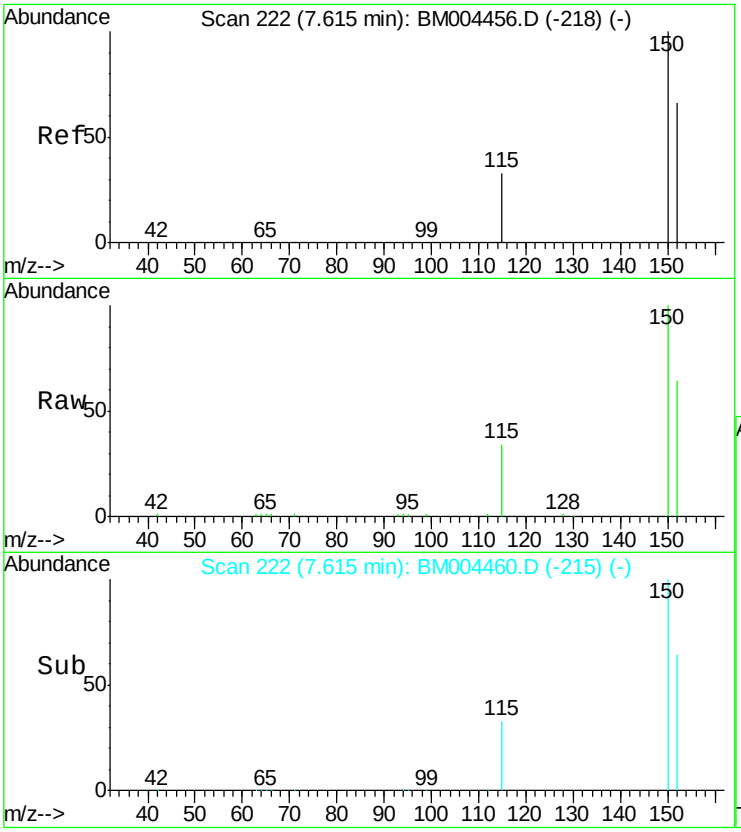


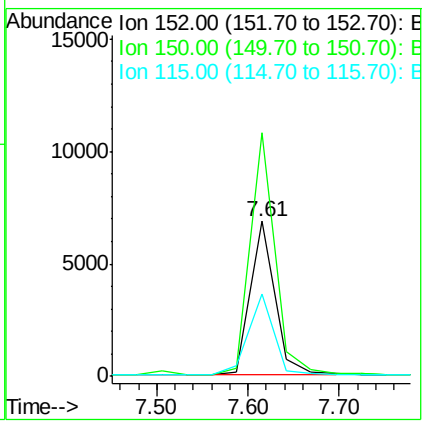


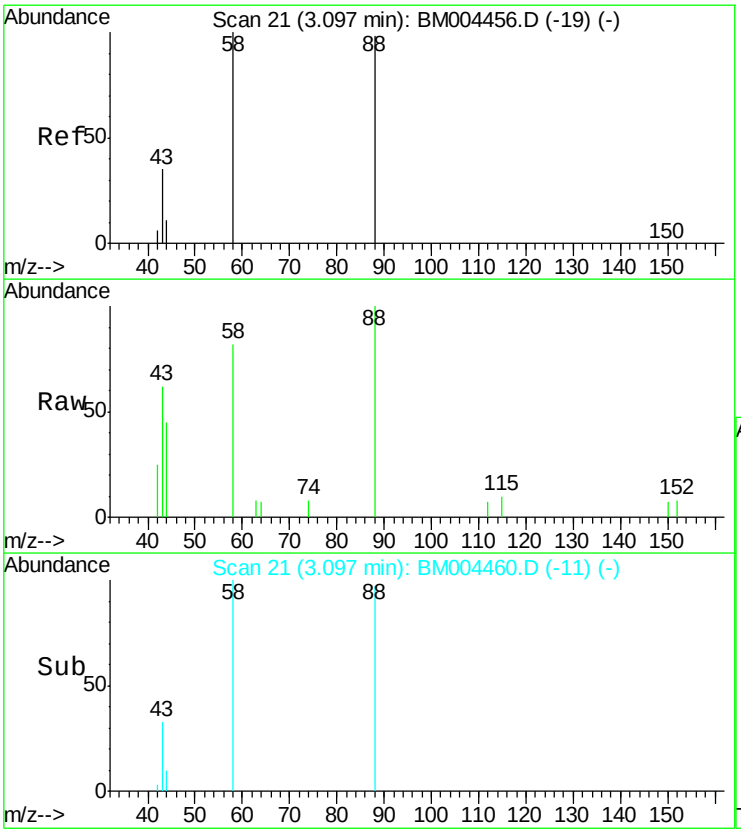
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:152 Resp: 12838

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.9	185.9
115	53.1	40.6	61.0

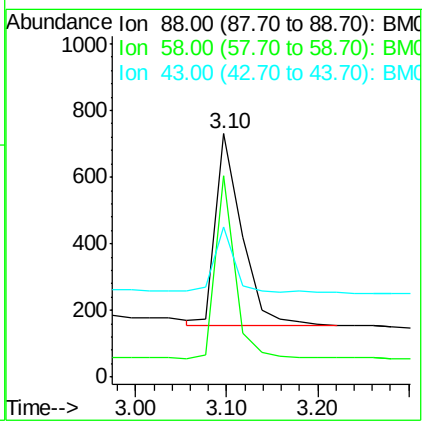


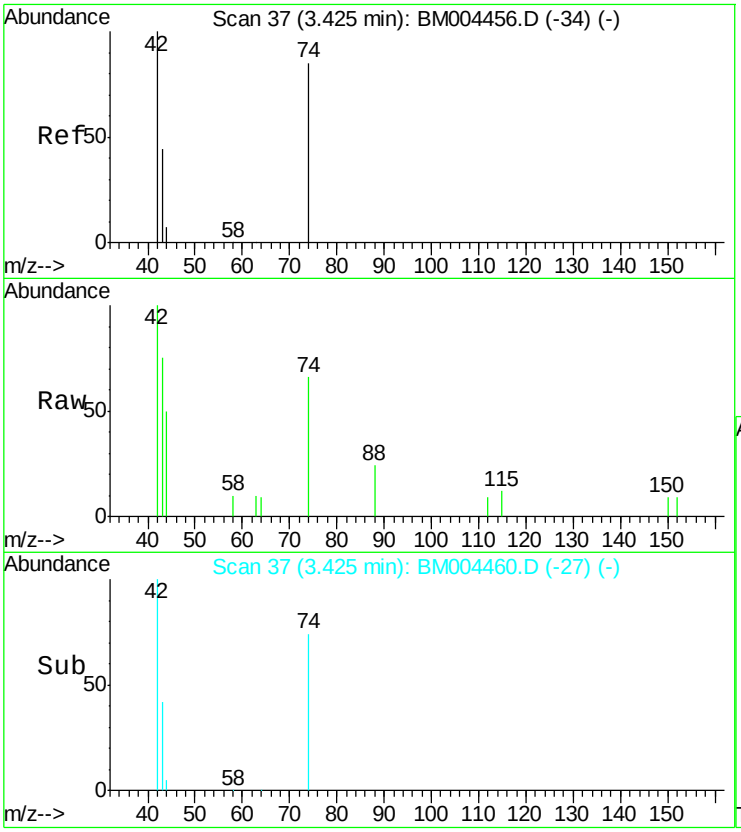


#2
1,4-Dioxane
Concen: 1.08 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion: 88 Resp: 1162

Ion	Ratio	Lower	Upper
88	100		
58	69.2	58.5	87.7
43	25.3	22.2	33.2



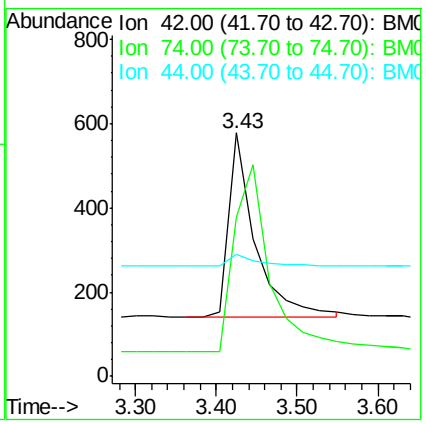


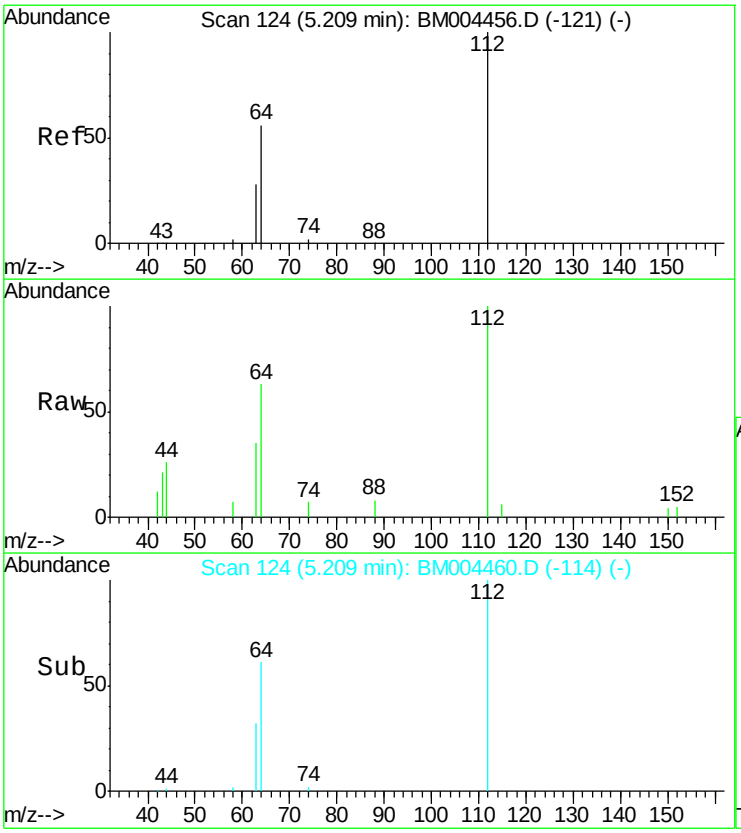
#3
n-Nitrosodimethylamine
Concen: 1.01 ng
RT: 3.43 min Scan# 37
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion: 42 Resp: 966

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	6.8	5.8	8.6

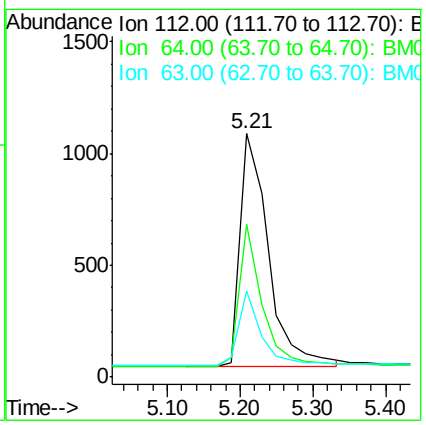


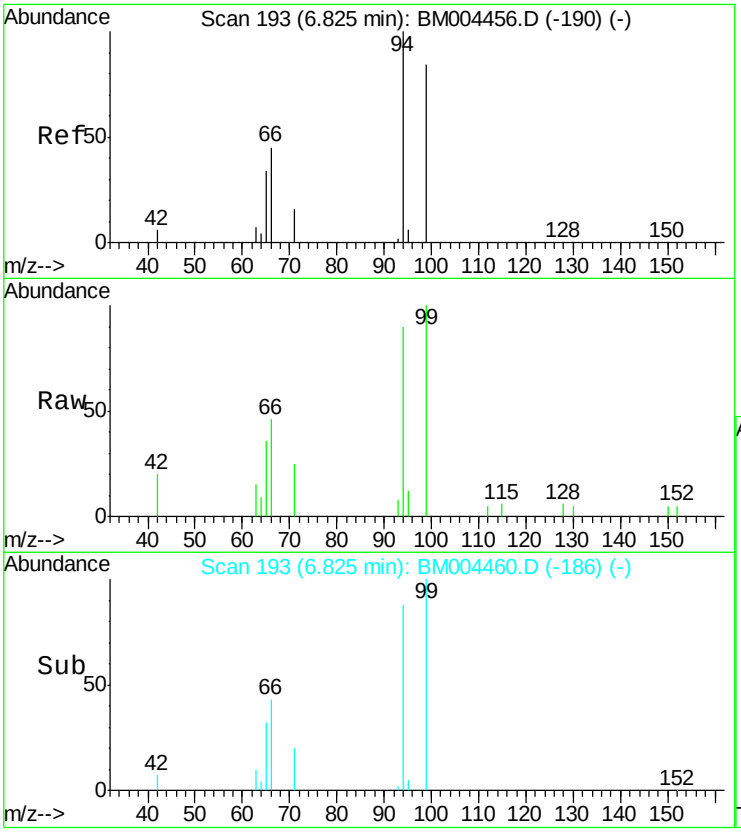


#4
2-Fluorophenol
Concen: 0.99 ng
RT: 5.21 min Scan# 124
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:112 Resp: 2790

Ion	Ratio	Lower	Upper
112	100		
64	49.6	39.4	59.2
63	24.9	19.9	29.9



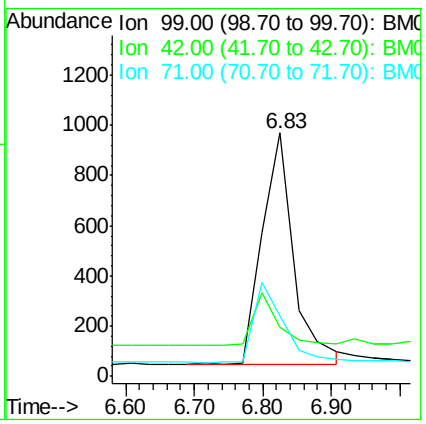


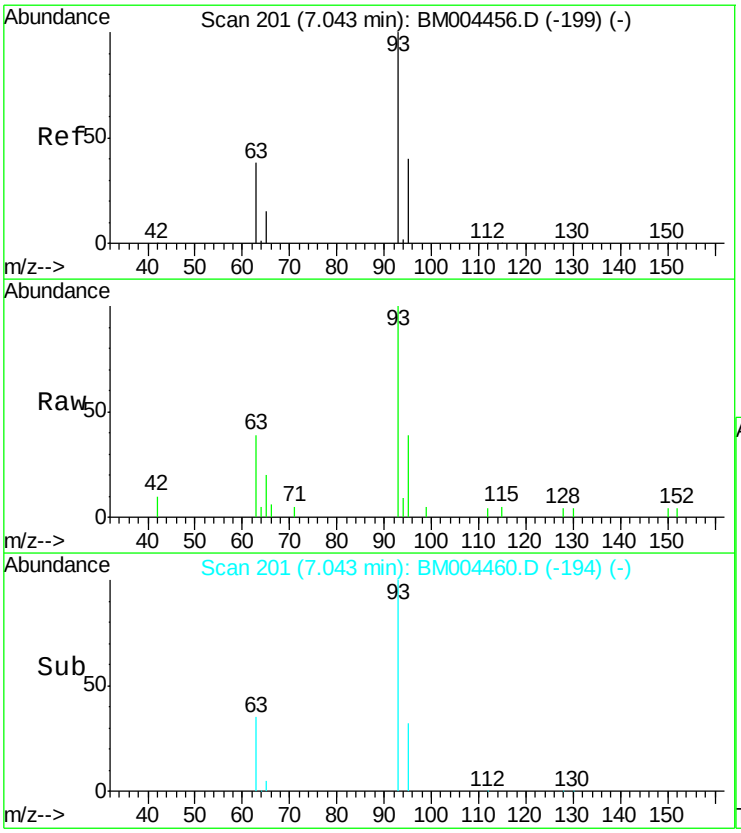
#5
Phenol-d6
Concen: 0.91 ng
RT: 6.83 min Scan# 193
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion: 99 Resp: 2930

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

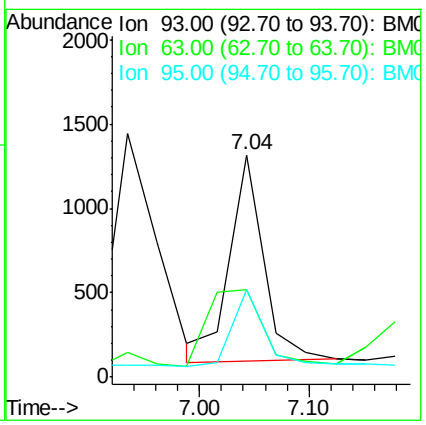


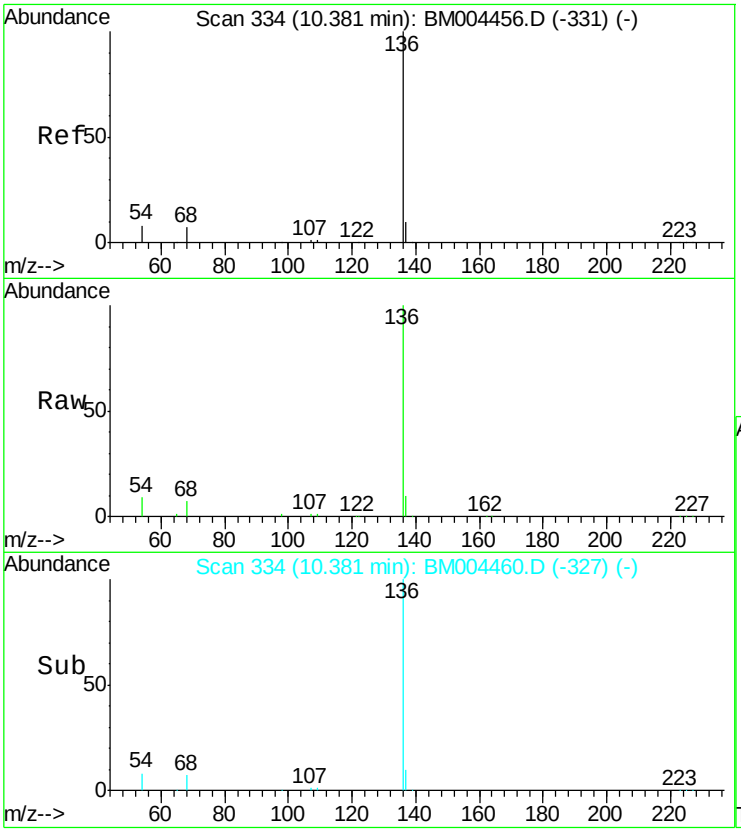


#6
bis(2-Chloroethyl)ether
Concen: 1.03 ng
RT: 7.04 min Scan# 201
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion: 93 Resp: 2630

Ion	Ratio	Lower	Upper
93	100		
63	69.4	0.0	0.0#
95	34.0	27.1	40.7



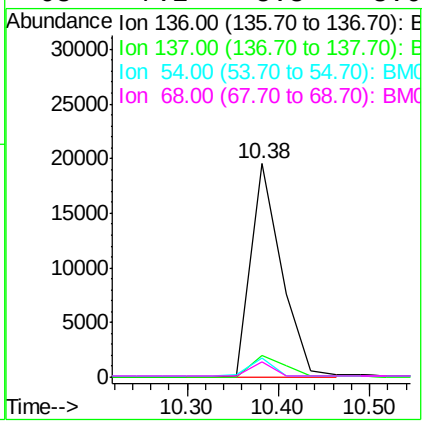


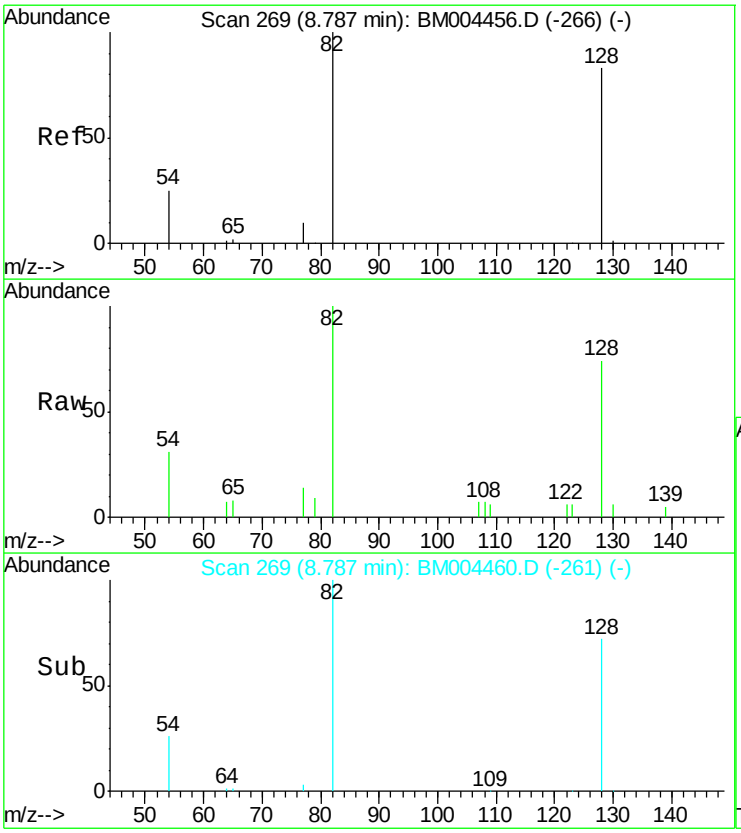
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 334
Delta R.T. 0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:136 Resp: 45776

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.0	12.0
54	8.7	7.0	10.6
68	7.2	5.8	8.6

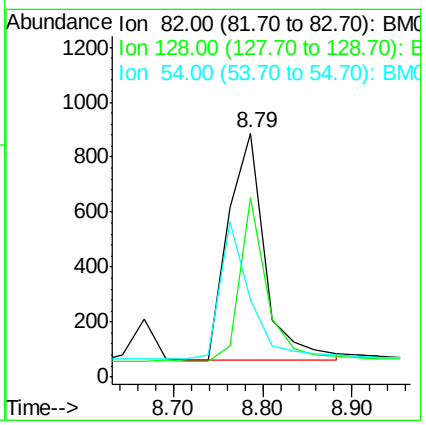


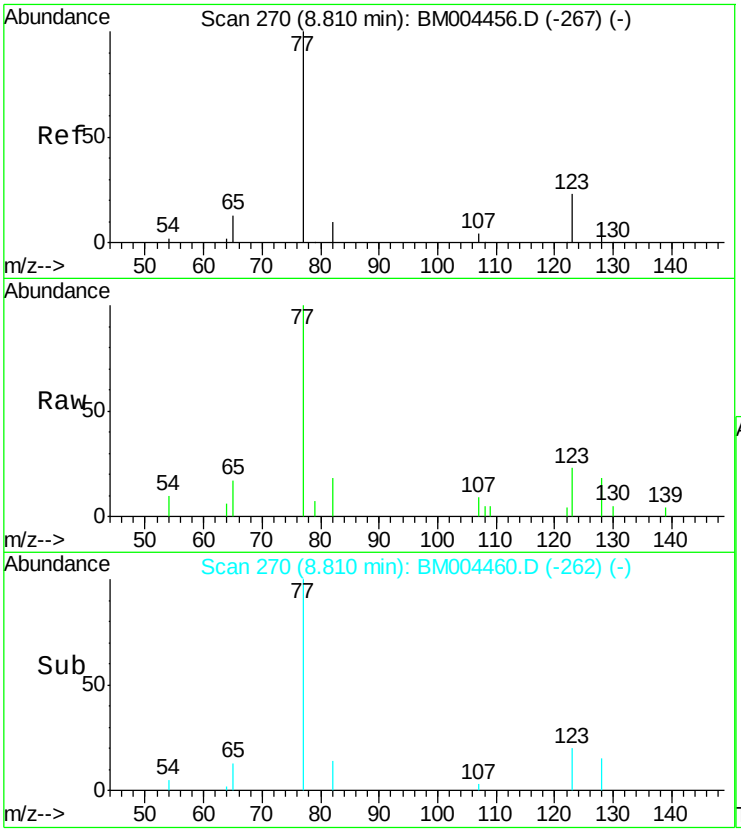


#8
Nitrobenzene-d5
Concen: 0.93 ng
RT: 8.79 min Scan# 269
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion: 82 Resp: 2365

Ion	Ratio	Lower	Upper
82	100		
128	73.7	67.0	100.6
54	31.5	25.2	37.8



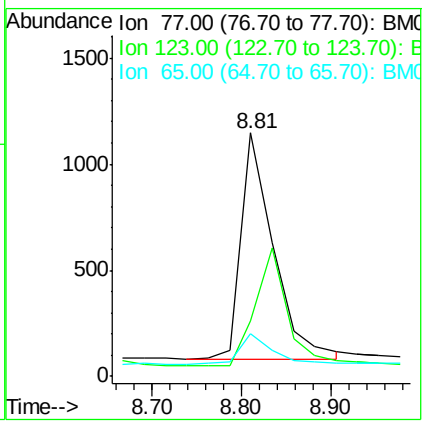


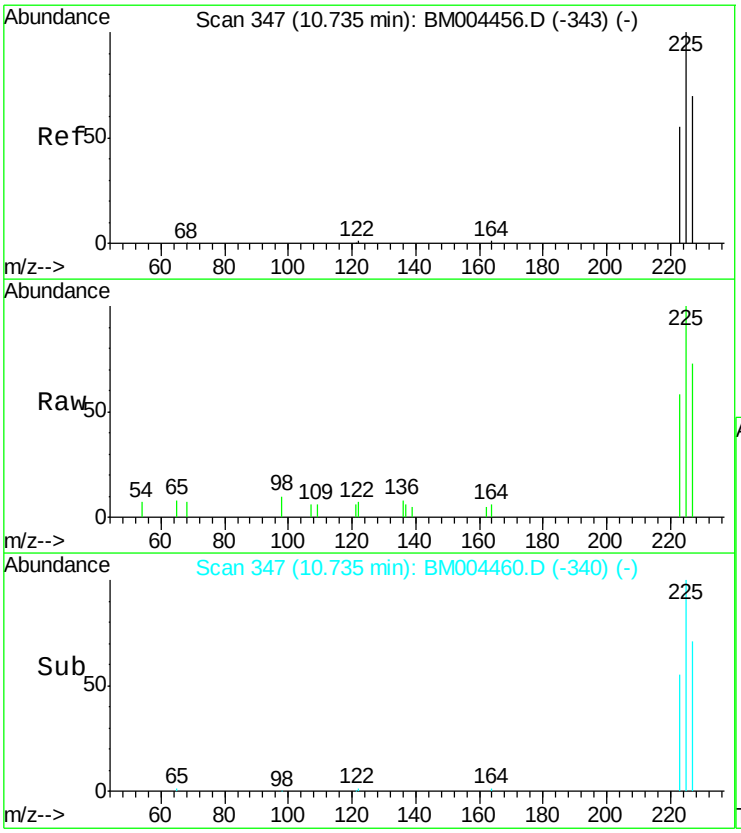
#9
Nitrobenzene
Concen: 0.97 ng
RT: 8.81 min Scan# 270
Delta R.T. 0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion: 77 Resp: 2710

Ion	Ratio	Lower	Upper
77	100		
123	0.0	0.0	0.0
65	12.5	10.1	15.1

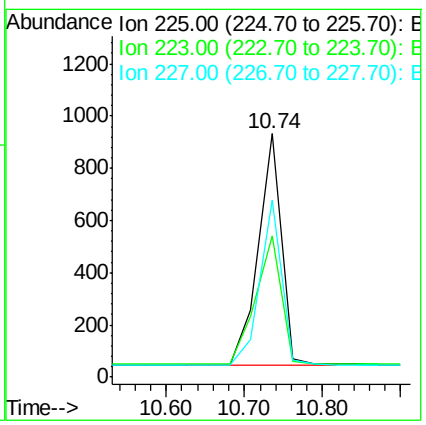


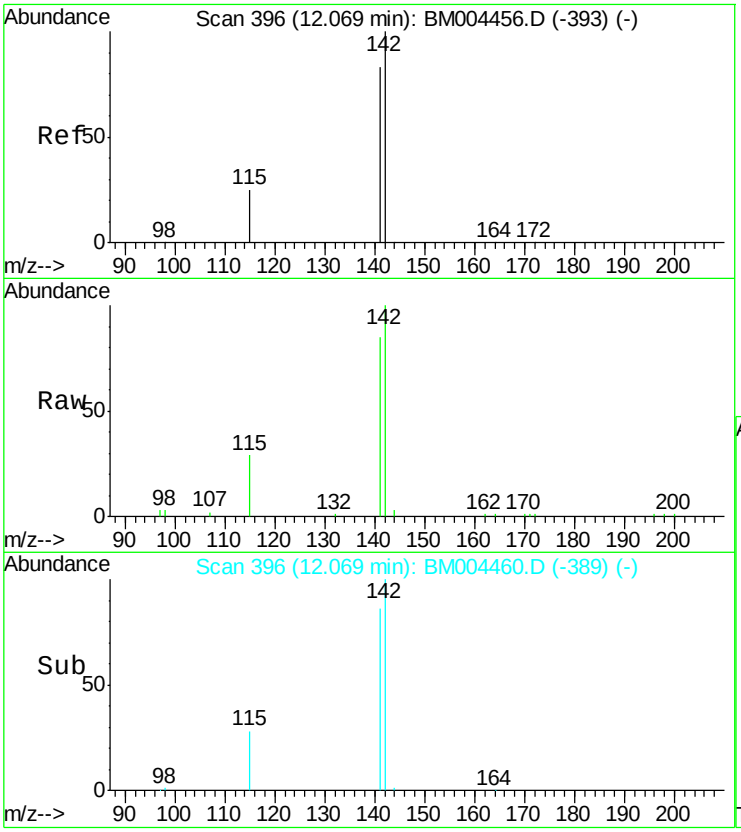


#10
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.74 min Scan# 347
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:225 Resp: 1838

Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.4	72.6
227	66.4	52.8	79.2



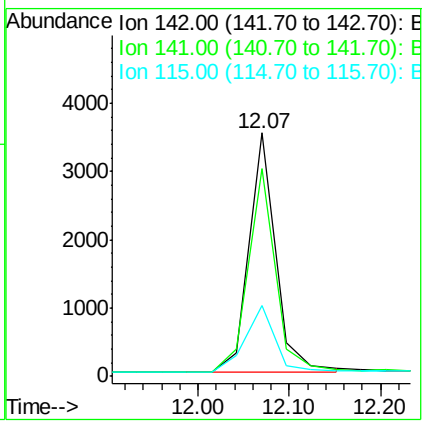


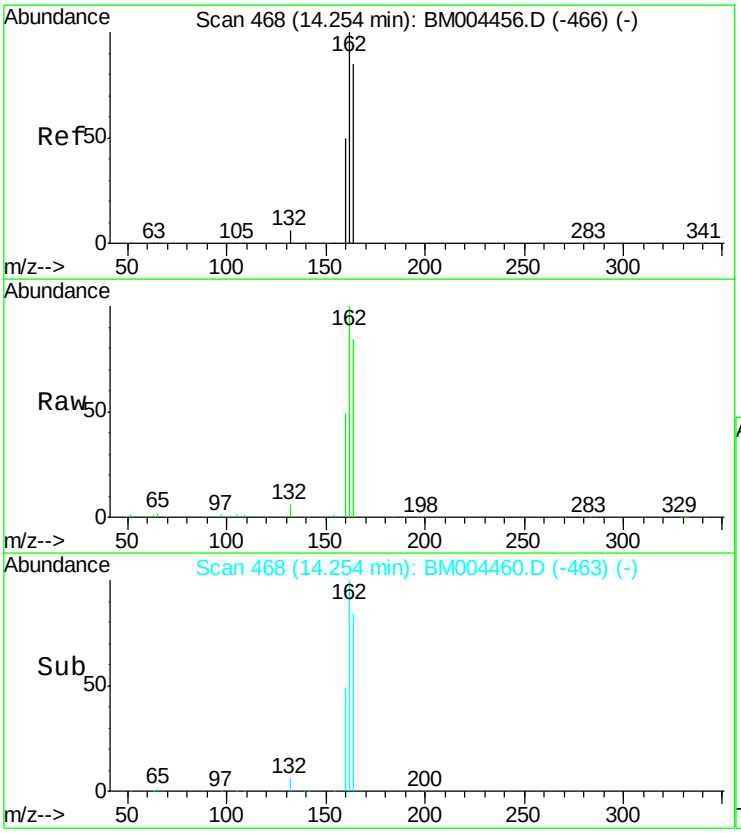
#11
2-Methylnaphthalene
Concen: 1.02 ng
RT: 12.07 min Scan# 396
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:142 Resp: 7122

Ion	Ratio	Lower	Upper
142	100		
141	85.4	66.4	99.6
115	29.0	21.6	32.4

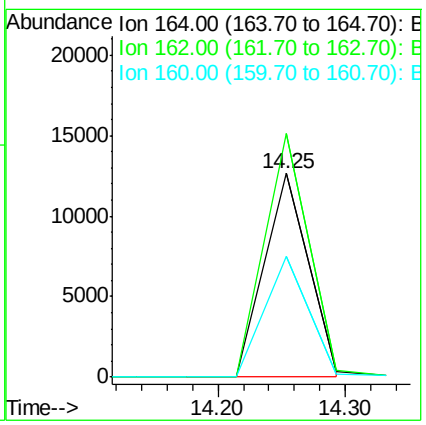


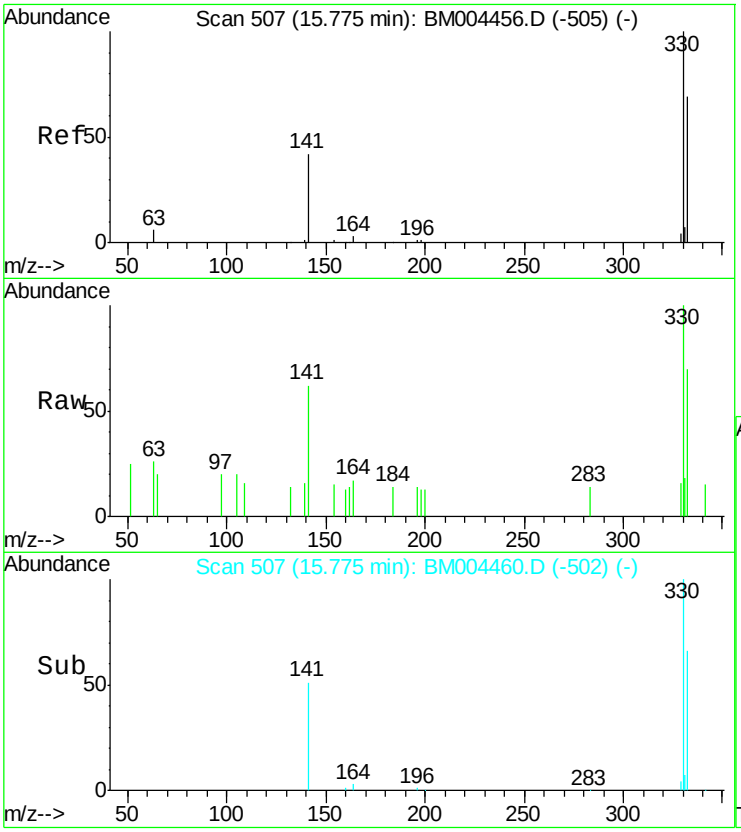


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 468
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:164 Resp: 30225

Ion	Ratio	Lower	Upper
164	100		
162	119.7	94.6	141.8
160	59.1	47.0	70.4



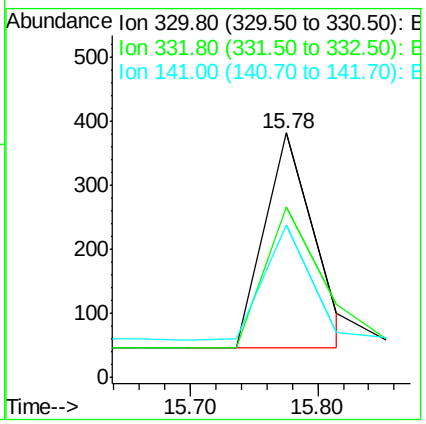


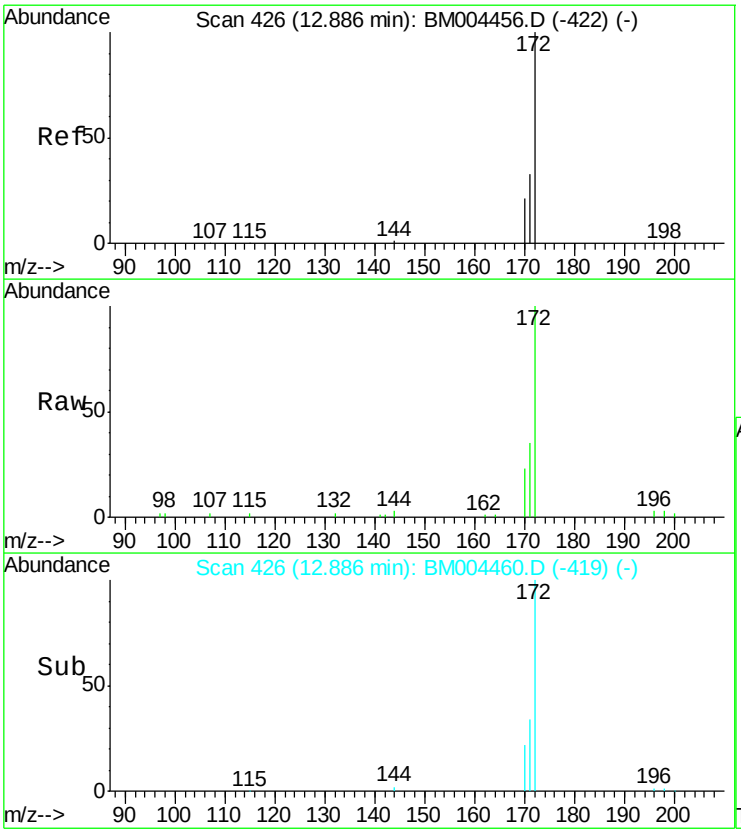
#13
2,4,6-Tribromophenol
Concen: 0.79 ng
RT: 15.78 min Scan# 507
Delta R.T. 0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:330 Resp: 908

Ion	Ratio	Lower	Upper
330	100		
332	74.0	59.2	88.8
141	49.4	33.0	49.4#

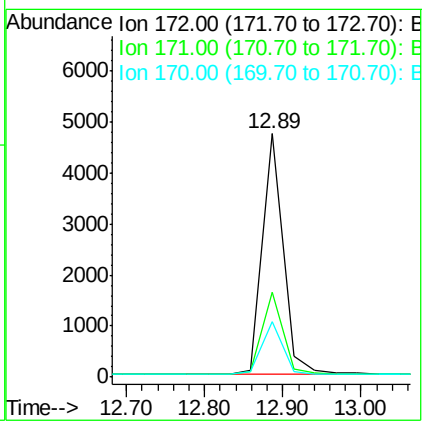


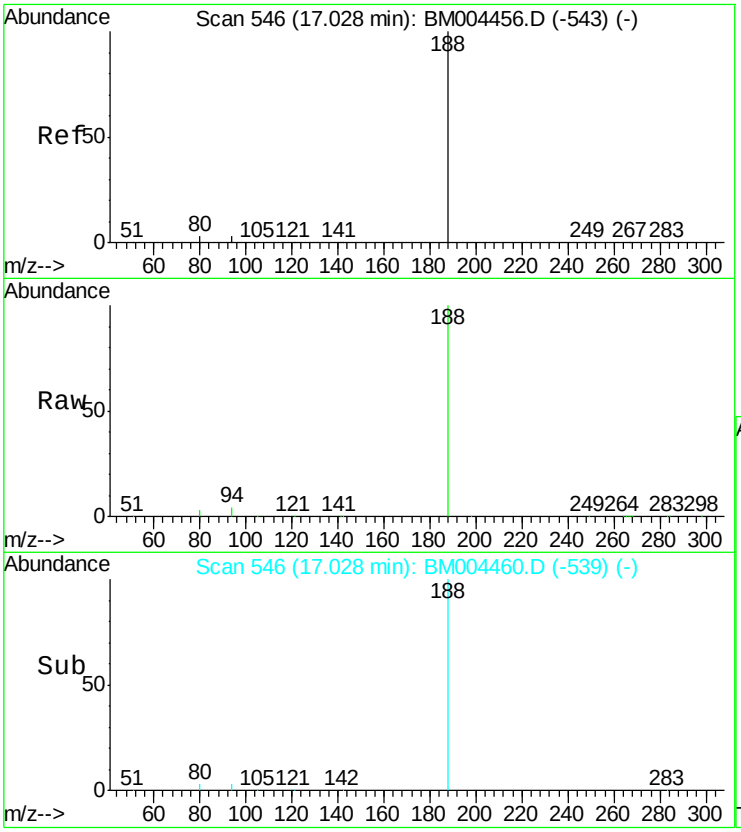


#14
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.89 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:172 Resp: 8642

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.2	40.8
170	22.7	17.4	26.0



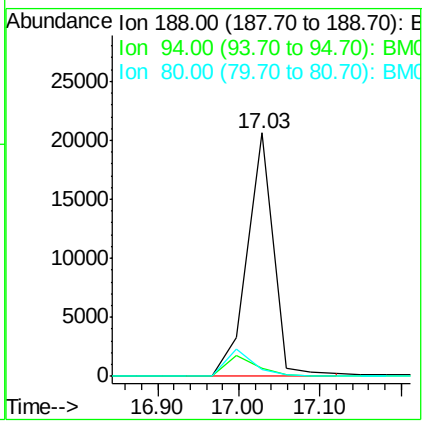


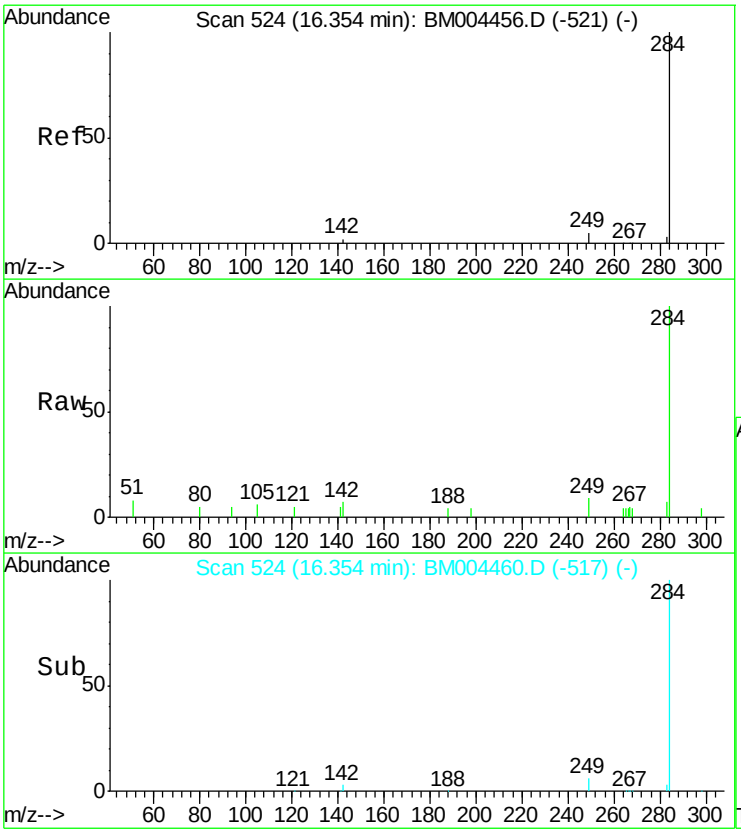
#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:188 Resp: 45750

Ion	Ratio	Lower	Upper
188	100		
94	3.6	2.7	4.1
80	2.9	2.2	3.4

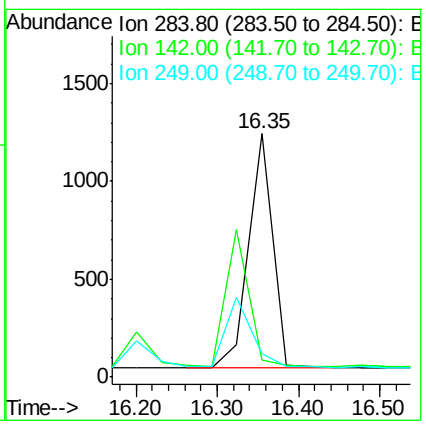


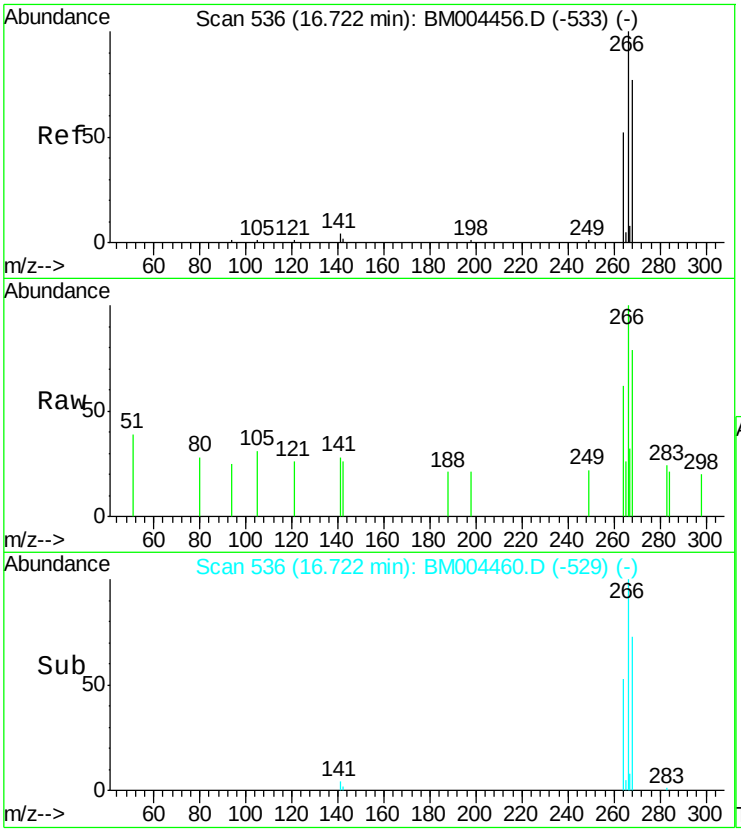


#16
Hexachlorobenzene
Concen: 1.04 ng
RT: 16.35 min Scan# 524
Delta R.T. 0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:284 Resp: 2448

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



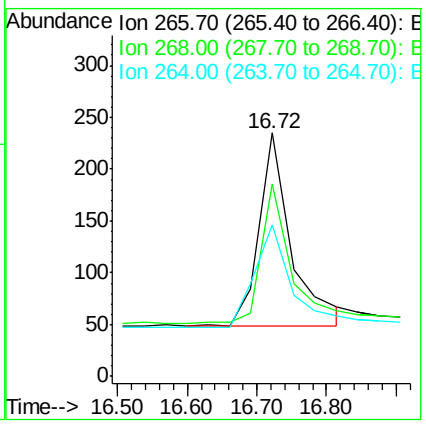


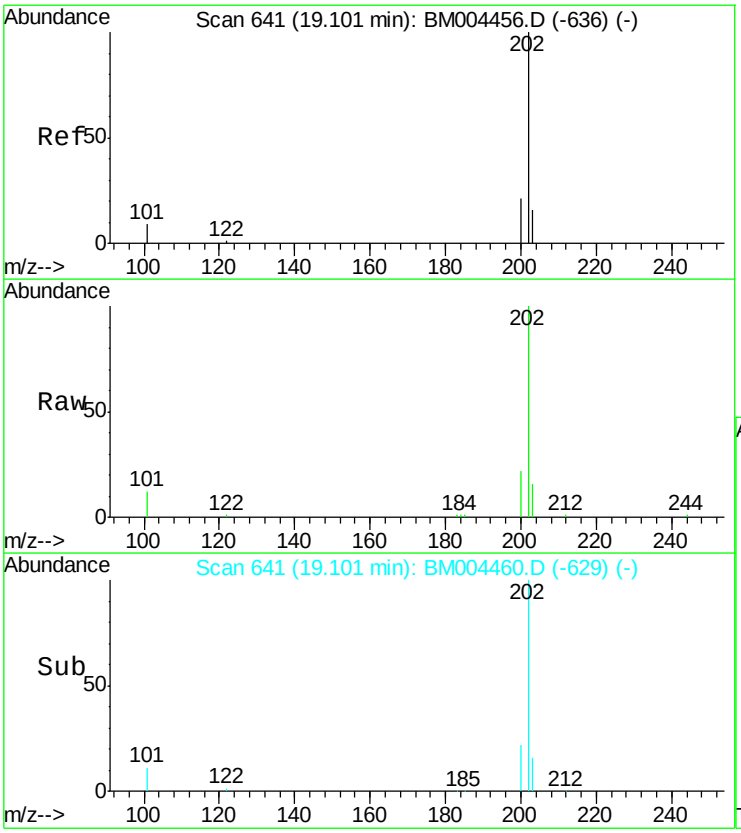
#17
Pentachlorophenol
Concen: 0.80 ng
RT: 16.72 min Scan# 536
Delta R.T. 0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:266 Resp: 591

Ion	Ratio	Lower	Upper
266	100		
268	79.1	66.8	100.2
264	62.1	49.4	74.0

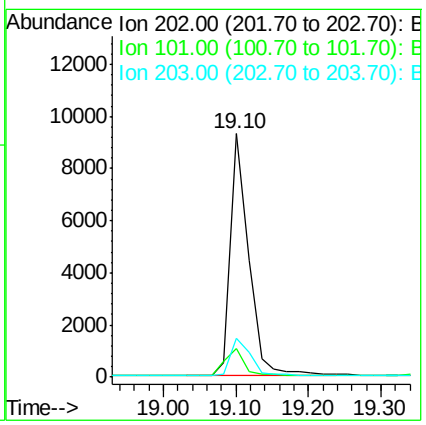


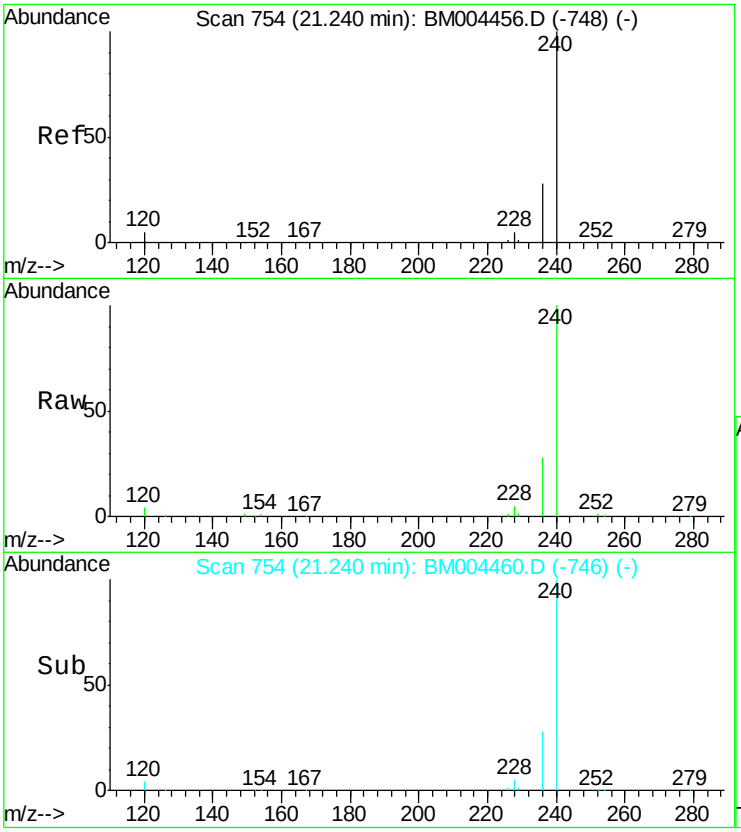


#18
Fluoranthene
Concen: 0.89 ng
RT: 19.10 min Scan# 641
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:202 Resp: 16148

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.4	14.0
203	17.2	13.9	20.9



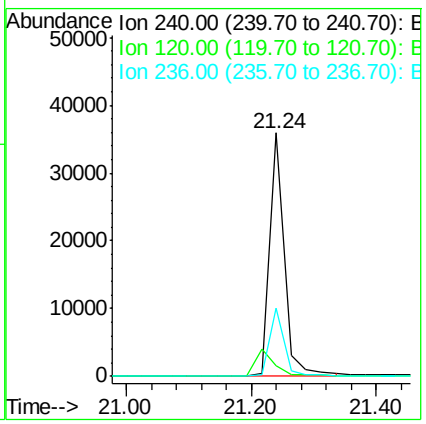


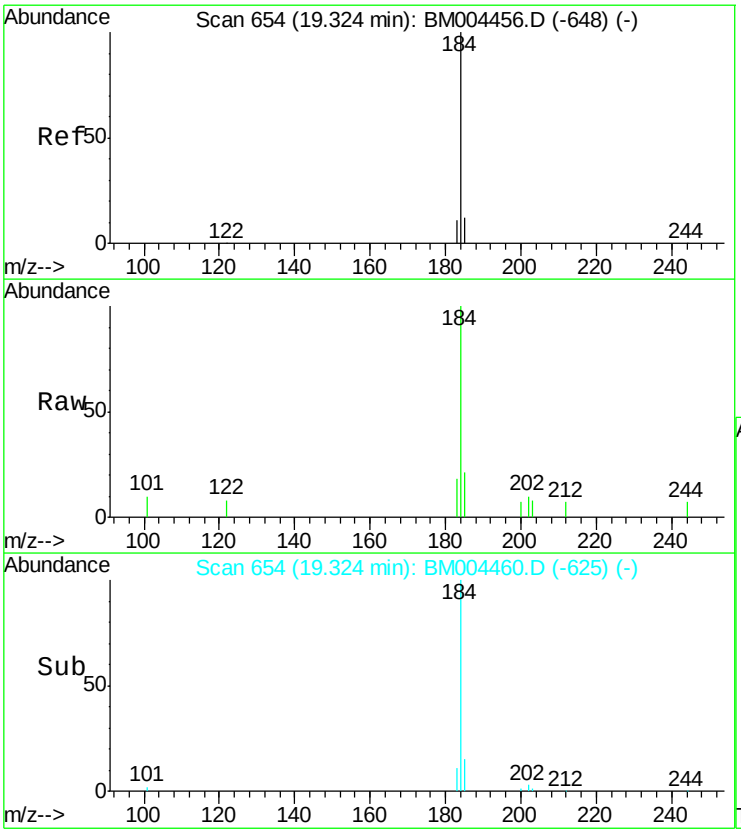
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:240 Resp: 59064

Ion	Ratio	Lower	Upper
240	100		
120	4.1	4.0	6.0
236	28.0	22.7	34.1

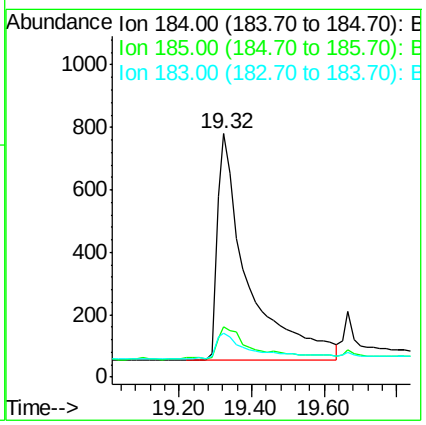


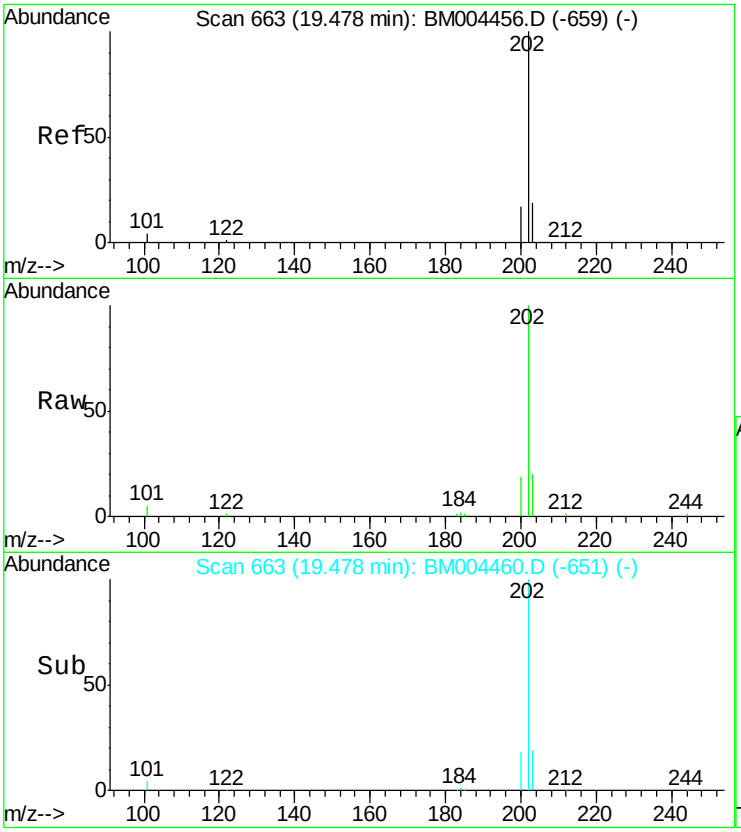


#20
Benzidine
Concen: 1.16 ng
RT: 19.32 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:184 Resp: 4268

Ion	Ratio	Lower	Upper
184	100		
185	20.8	20.8	31.2#
183	18.2	18.5	27.7#



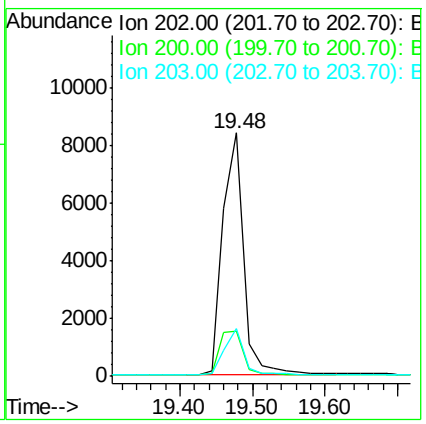


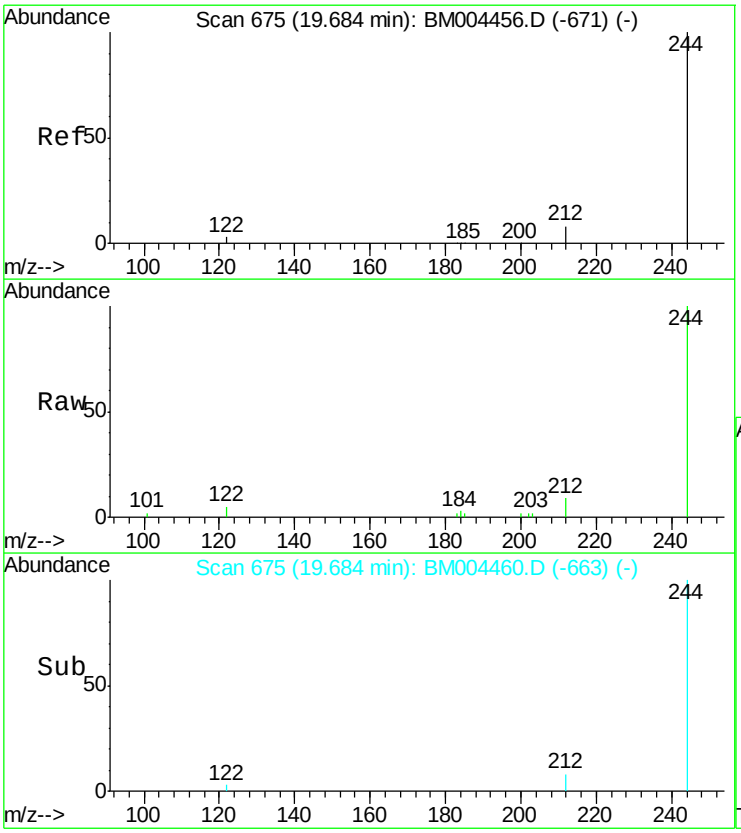
#21
Pyrene
Concen: 0.94 ng
RT: 19.48 min Scan# 663
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:202 Resp: 16536

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.6	13.9	20.9

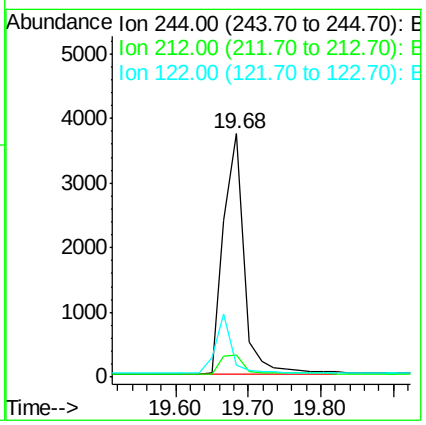


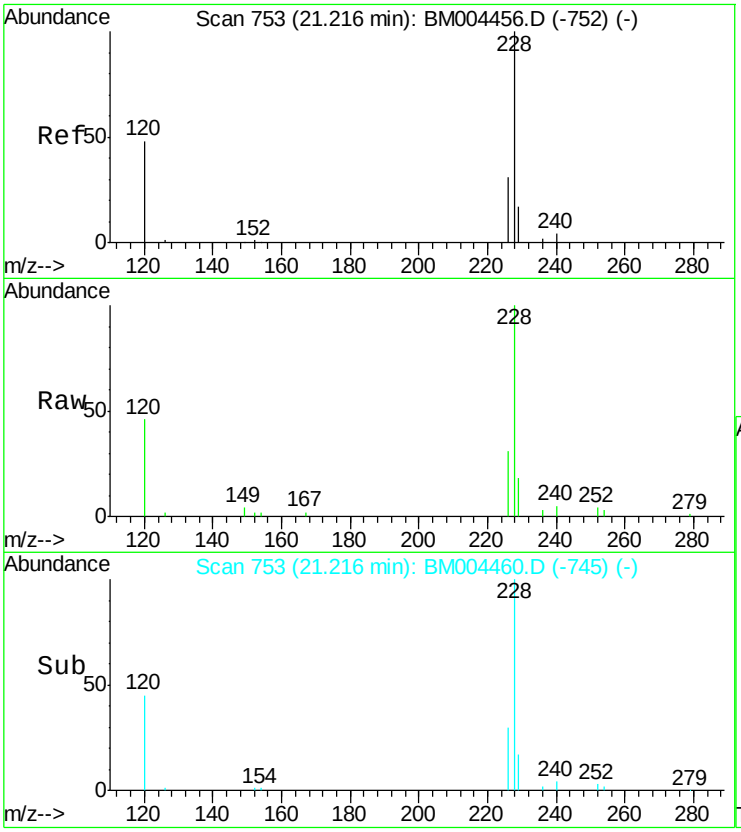


#22
Terphenyl-d14
Concen: 0.97 ng
RT: 19.68 min Scan# 675
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:244 Resp: 7282

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.2
122	5.1	4.2	6.2



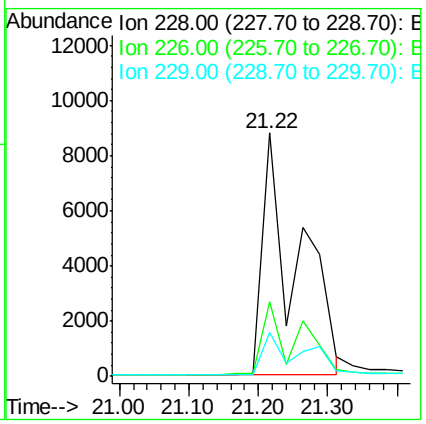


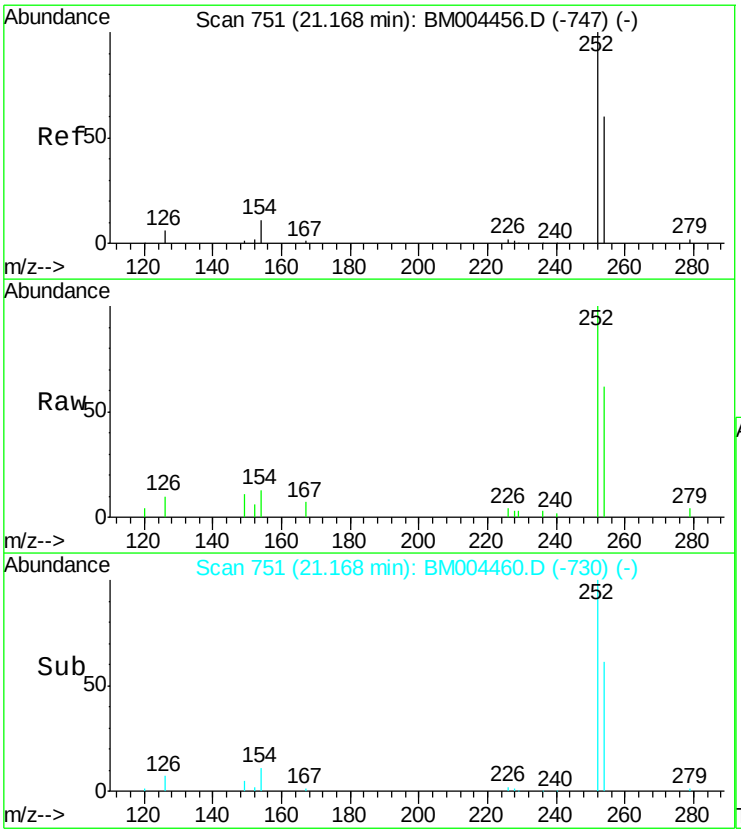
#23
Benzo(a)anthracene
Concen: 1.78 ng
RT: 21.22 min Scan# 753
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:228 Resp: 29972

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.1	37.7
229	17.8	14.2	21.4

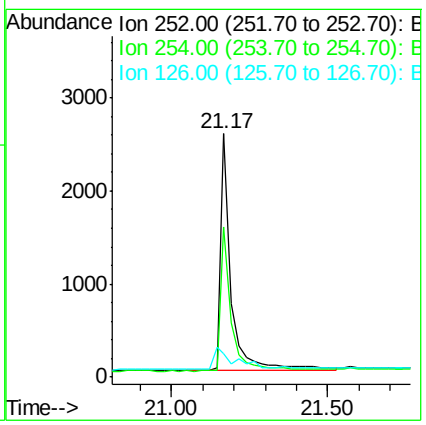


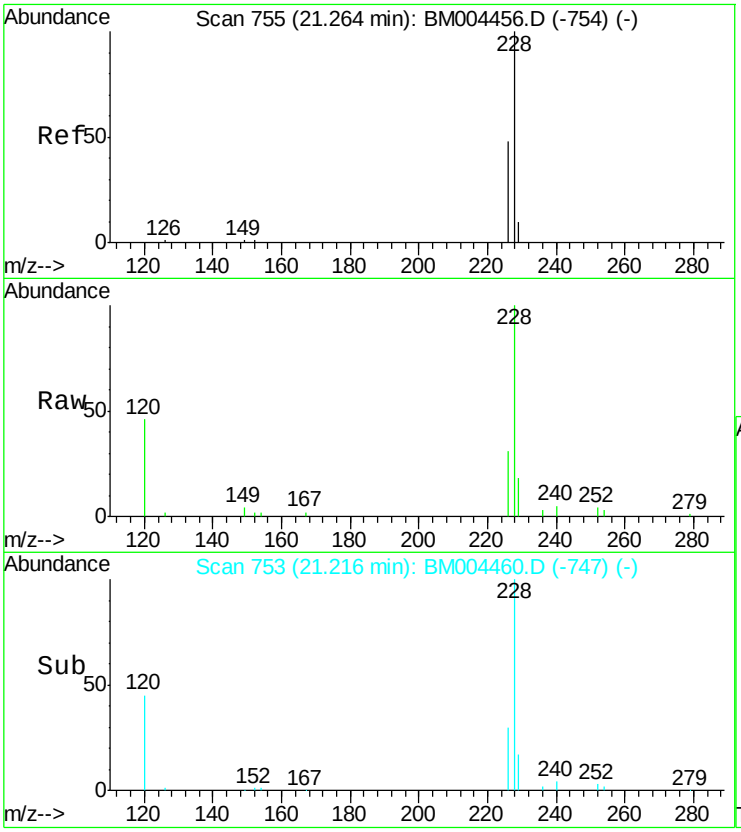


#24
3,3'-Dichlorobenzidine
Concen: 1.05 ng
RT: 21.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:252 Resp: 6053

Ion	Ratio	Lower	Upper
252	100		
254	61.9	48.7	73.1
126	9.6	8.2	12.2



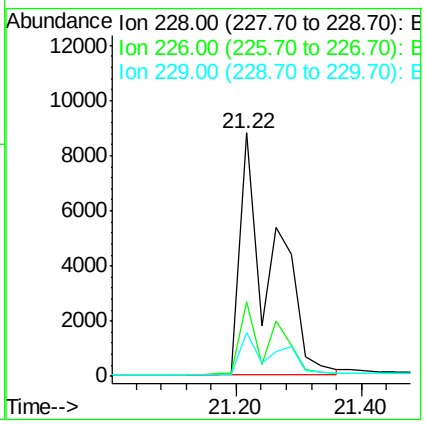


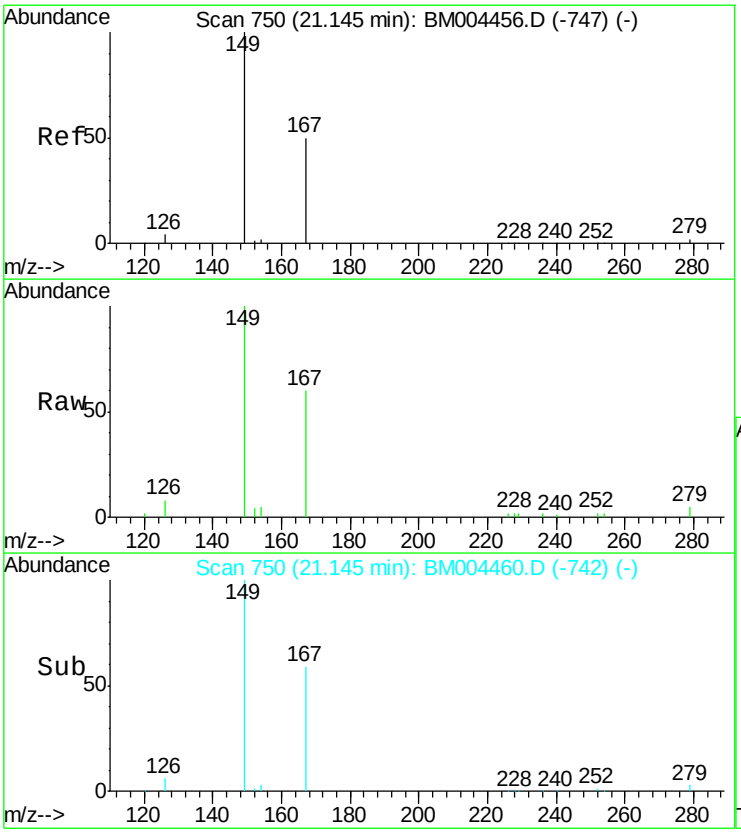
#25
Chrysene
Concen: 2.01 ng
RT: 21.22 min Scan# 753
Delta R.T. -0.05 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:228 Resp: 30726

Ion	Ratio	Lower	Upper
228	100		
226	30.8	31.0	46.6#
229	17.8	13.4	20.2

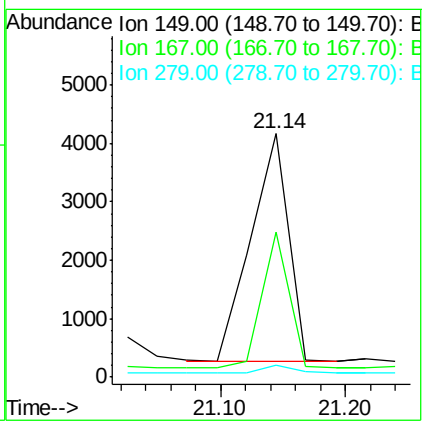


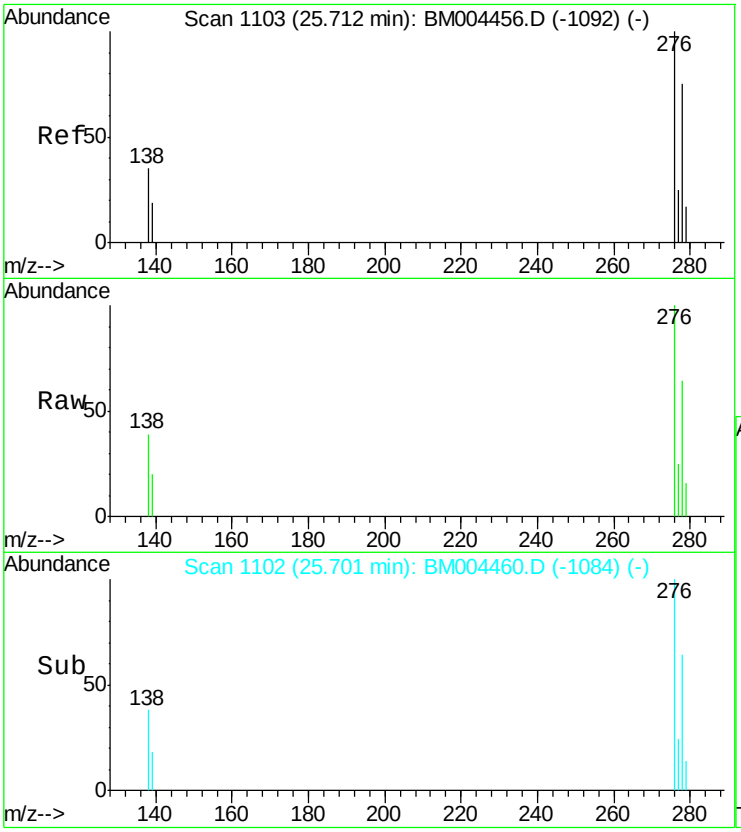


#26
Bis(2-ethylhexyl)phthalate
Concen: 0.81 ng
RT: 21.14 min Scan# 750
Delta R.T. 0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:149 Resp: 8222

Ion	Ratio	Lower	Upper
149	100		
167	43.1	33.1	49.7
279	3.0	2.0	3.0#



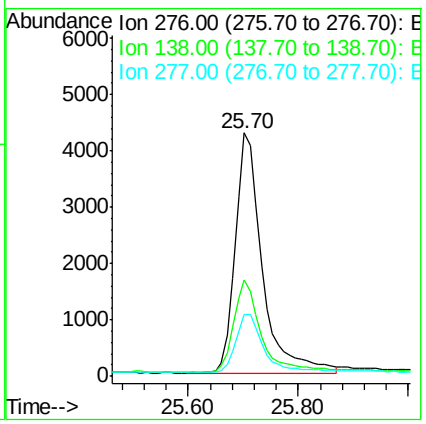


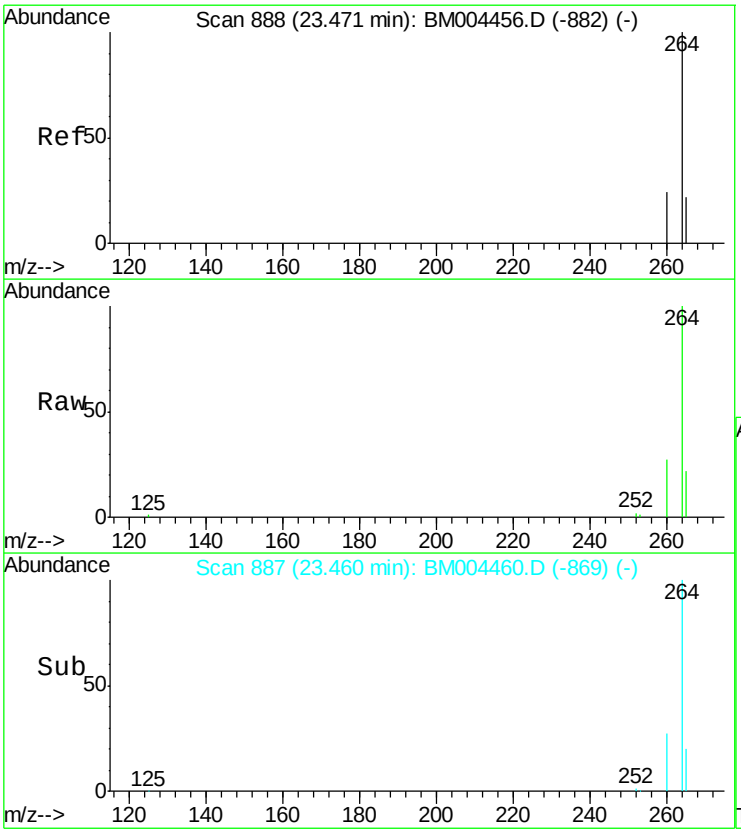
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.95 ng
RT: 25.70 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:276 Resp: 14582

Ion	Ratio	Lower	Upper
276	100		
138	38.0	30.0	45.0
277	24.9	19.8	29.8

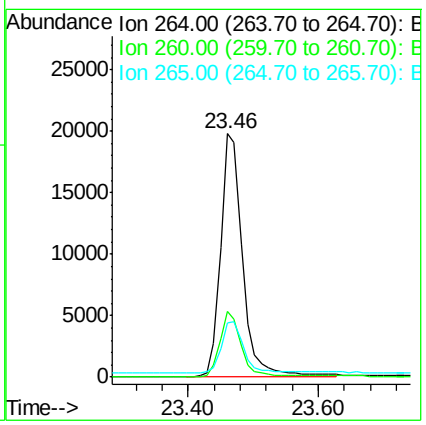


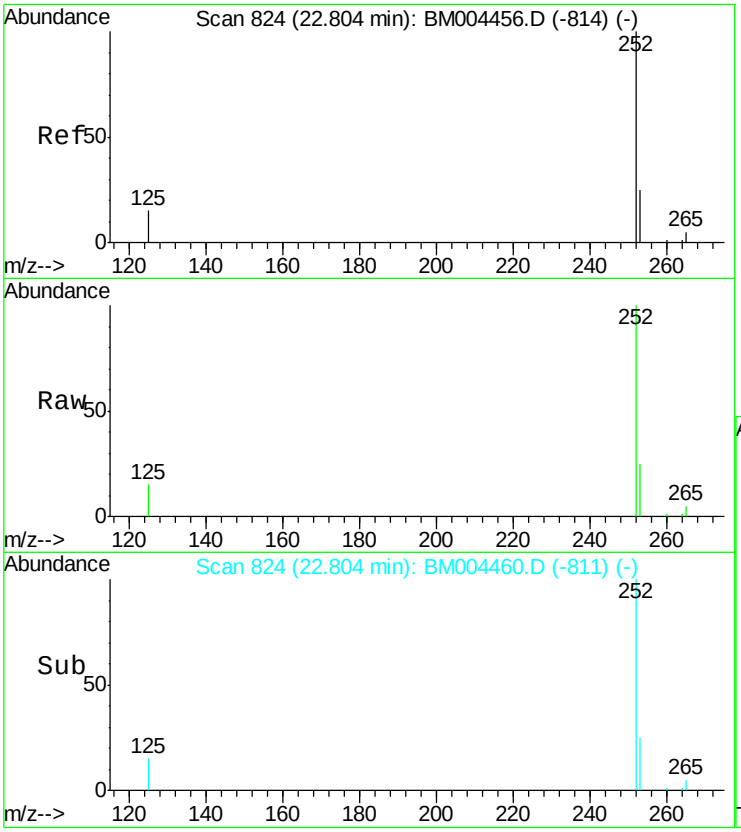


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:264 Resp: 45593

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.4	29.2
265	22.1	18.9	28.3



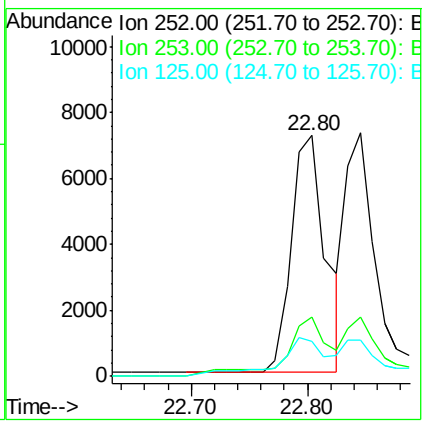


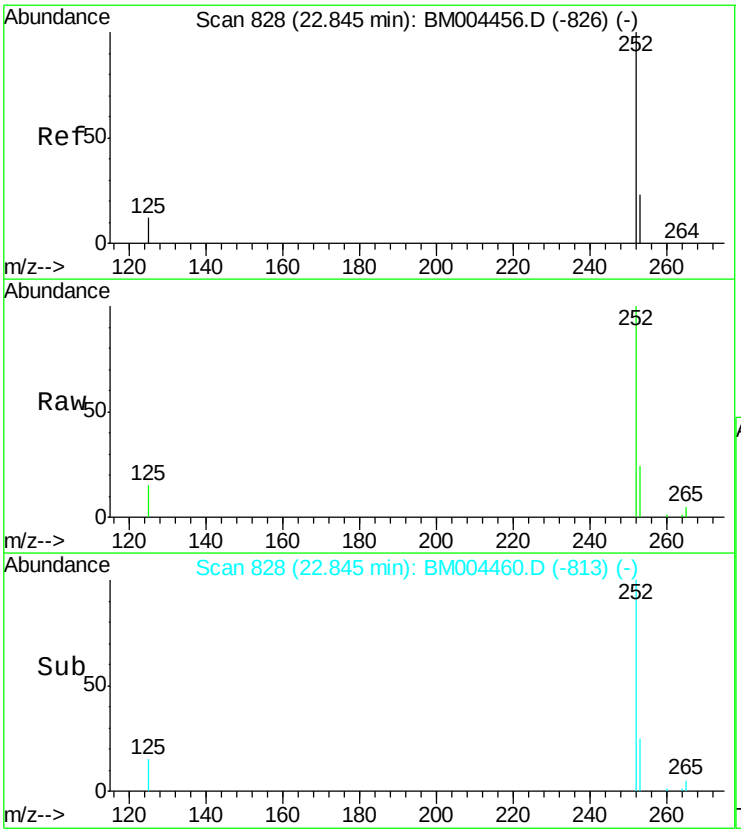
#29
Benzo(b)fluoranthene
Concen: 0.95 ng
RT: 22.80 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:252 Resp: 16356

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.8	29.6
125	14.7	12.2	18.2

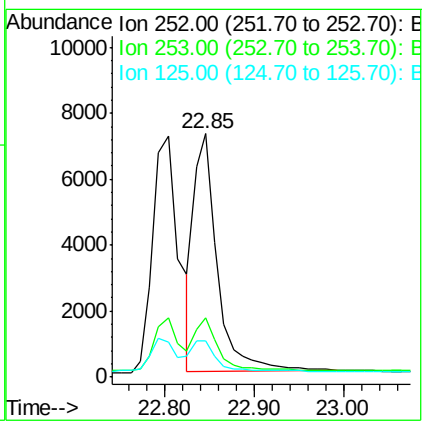


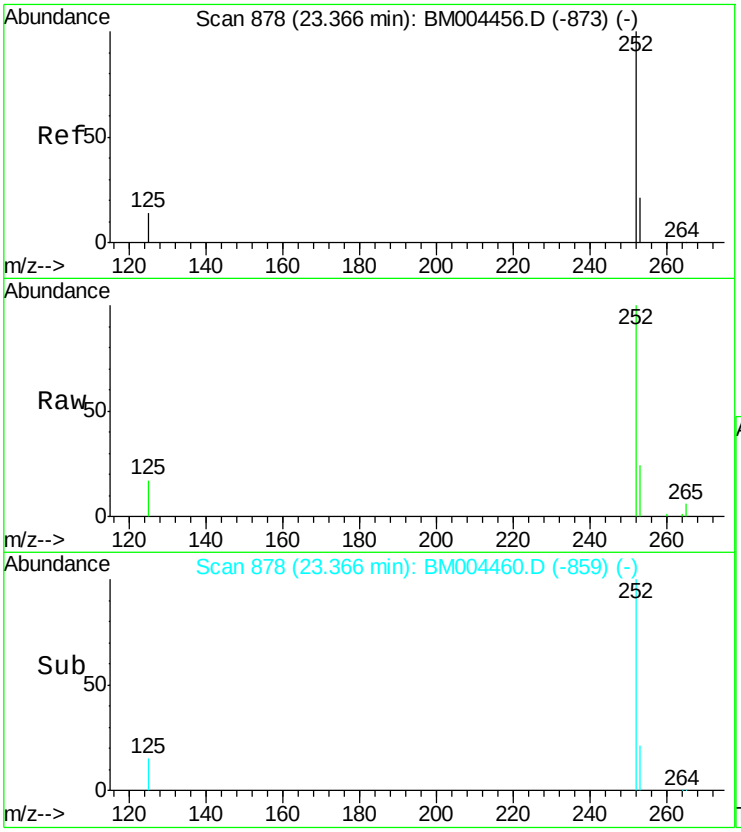


#30
Benzo(k)fluoranthene
Concen: 0.89 ng
RT: 22.85 min Scan# 828
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:252 Resp: 13208

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.3	28.9
125	14.8	12.4	18.6



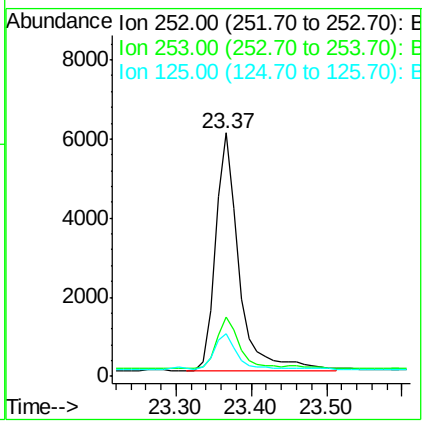


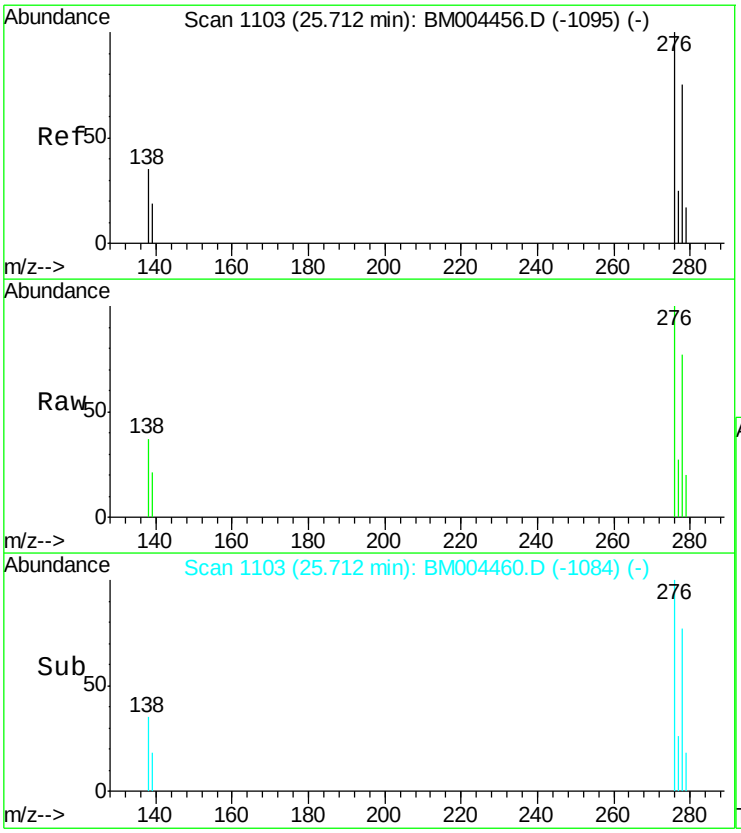
#31
Benzo(a)pyrene
Concen: 0.99 ng
RT: 23.37 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:252 Resp: 13253

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.3	28.9
125	17.4	14.4	21.6

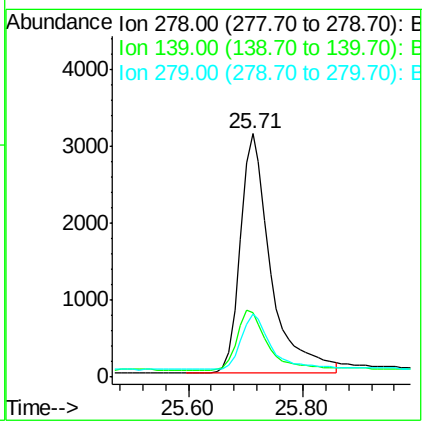


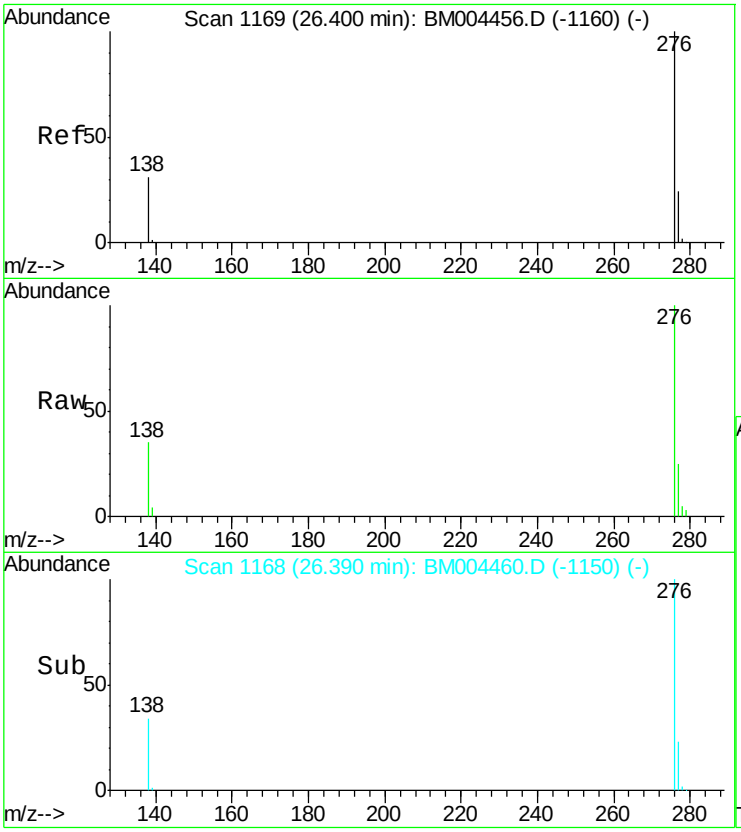


#32
Dibenzo(a,h)anthracene
Concen: 0.96 ng
RT: 25.71 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Tgt Ion:278 Resp: 11396

Ion	Ratio	Lower	Upper
278	100		
139	26.6	22.3	33.5
279	25.7	20.7	31.1





#33
Benzo(g,h,i)perylene
Concen: 0.96 ng
RT: 26.39 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BM004460.D
Acq: 28 Feb 2016 20:56

Instrument :
BNA_M
ClientSampleId :
ICVBM022816

Tgt Ion:276 Resp: 12584

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.4	30.6
138	35.3	26.4	39.6