Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003749.D
Acq On : 23 Dec 2015 20:09
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.8

Quant Time: Dec 24 01:27:10 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 01:22:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	47025	5.00	ng		0.00
7) Naphthalene-d8	10.47	136	196561	5.00	ng		0.00
13) Acenaphthene-d10	14.32	164	106501	5.00	ng		0.00
19) Phenanthrene-d10	17.08	188	220248	5.00	ng		0.02
26) Chrysene-d12	21.28	240	233808	5.00	ng		-0.01
35) Perylene-d12	23.52	264	175910	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	7824	0.82	ng		0.00
5) Phenol-d6	6.87	99	9364	0.81	ng		0.00
8) Nitrobenzene-d5	8.84	82	7099	0.77	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	2221	1.00	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	24606	0.77	ng		0.00
29) Terphenyl-d14	19.73	244	24445	0.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	3446	0.81	ng		100
3) n-Nitrosodimethylamine	3.49	42	3544	0.81	ng		99
6) bis(2-Chloroethyl)ether	7.11	93	8512	0.76	ng		100
9) Nitrobenzene	8.88	77	8090	0.81	ng		100
10) Naphthalene	10.52	128	32408	0.76	ng		95
11) Hexachlorobutadiene	10.82	225	5001	0.77	ng		100
12) 2-Methylnaphthalene	12.14	142	21469	0.74	ng		94
16) Acenaphthylene	14.04	152	32999	0.79	ng		100
17) Acenaphthene	14.39	154	24638	0.87	ng		97
18) Fluorene	15.39	166	29383	0.92	ng		98
20) 4-Bromophenyl-phenylether	16.27	248	8314	1.16	ng	#	84
21) Hexachlorobenzene	16.39	284	8591	1.05	ng	#	91
22) Pentachlorophenol	16.75	266	1840	0.76	ng		96
23) Phenanthrene	17.11	178	50650	1.09	ng		99
24) Anthracene	17.21	178	41337	0.91	ng		99
25) Fluoranthene	19.14	202	49499	1.07	ng		99
27) Benzidine	19.33	184	9599	0.51	ng	#	94
28) Pyrene	19.50	202	50831	0.60	ng		99
30) Benzo(a)anthracene	21.25	228	54345	0.86	ng	#	85
31) 3,3'-Dichlorobenzidine	21.21	252	11722	0.71	ng		87
32) Chrysene	21.32	228	41786	0.57	ng		91
33) Bis(2-ethylhexyl)phthalate	21.19	149	21062	0.65	ng	#	92
34) Indeno(1,2,3-cd)pyrene	25.78	276	33152	0.60	ng		100
36) Benzo(b)fluoranthene	22.85	252	40362	0.75	ng		98
37) Benzo(k)fluoranthene	22.89	252	38018	0.80	ng		99
38) Benzo(a)pyrene	23.42	252	34531	0.78	ng		99
39) Dibenzo(a,h)anthracene	25.79	278	26670	0.66	ng		99
40) Benzo(g,h,i)perylene	26.46	276	27816	0.65	ng		98

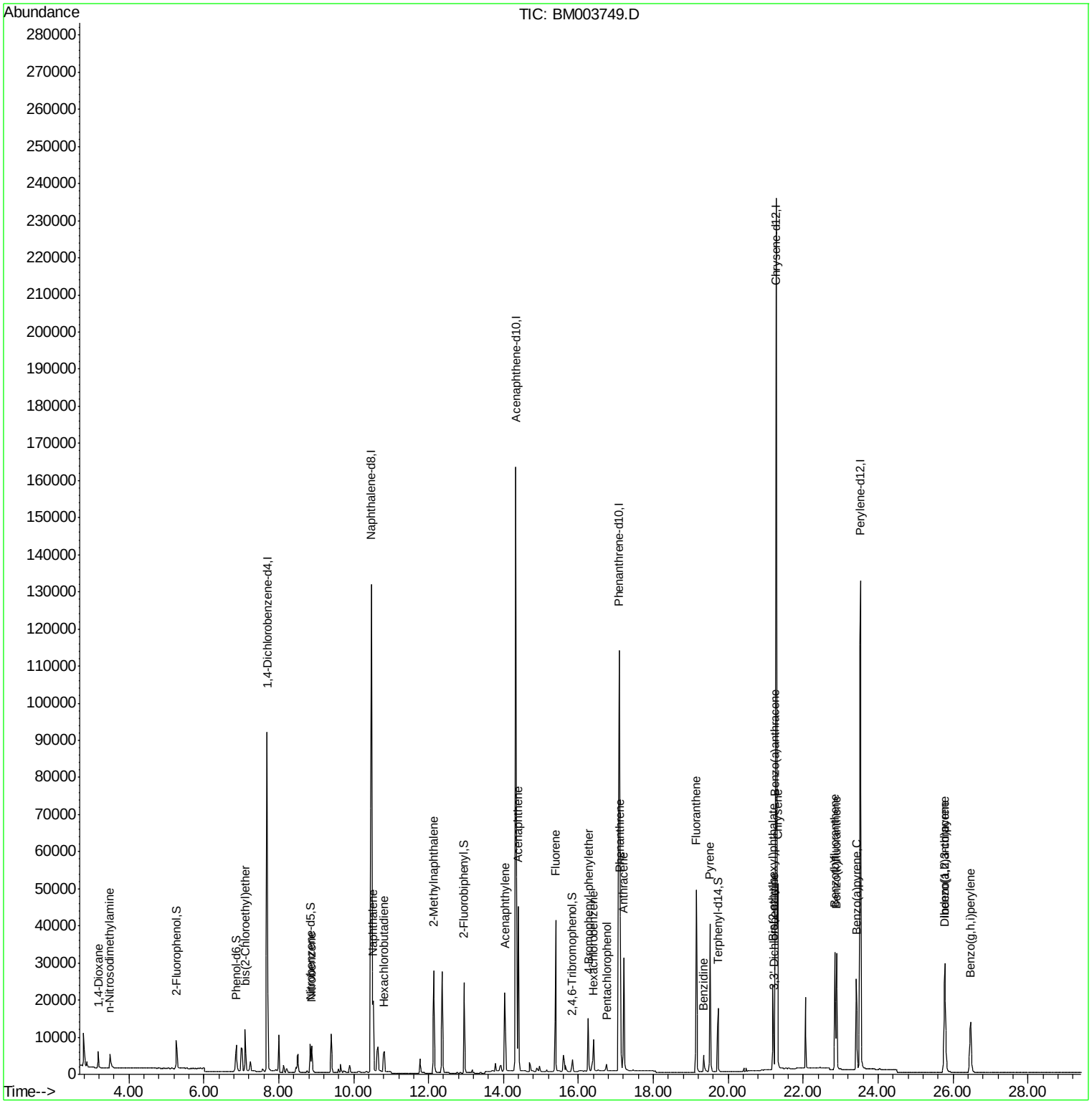
(#) = qualifier out of range (m) = manual integration (+) = signals summed

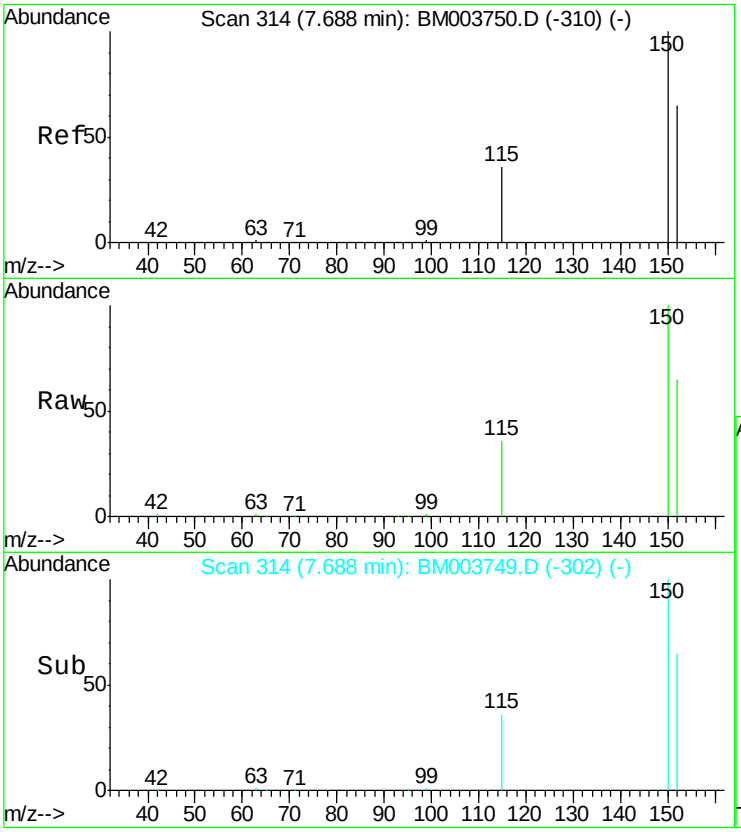
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003749.D
Acq On : 23 Dec 2015 20:09
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 24 01:27:10 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 01:22:48 2015
Response via : Initial Calibration



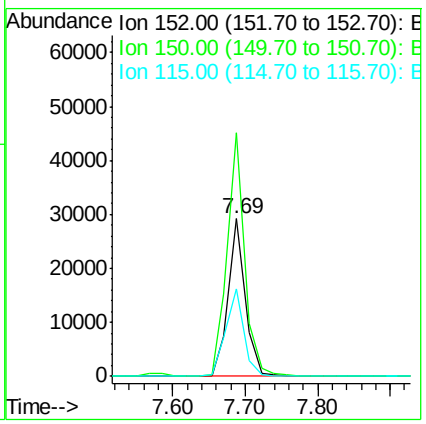


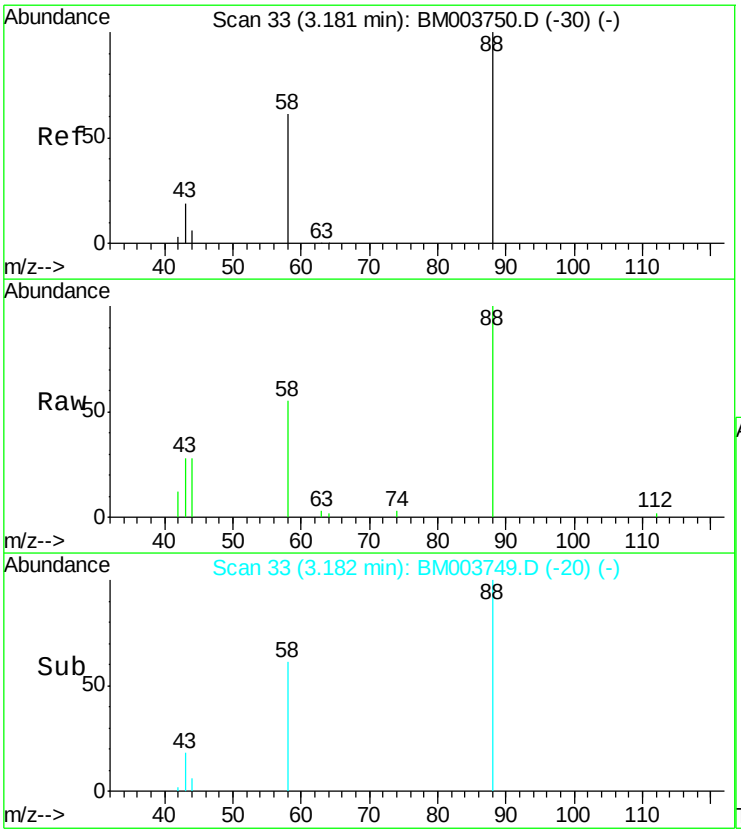
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 47025

Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.9	184.3
115	55.4	44.4	66.6

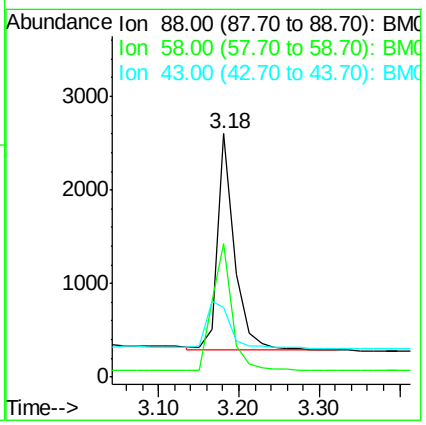


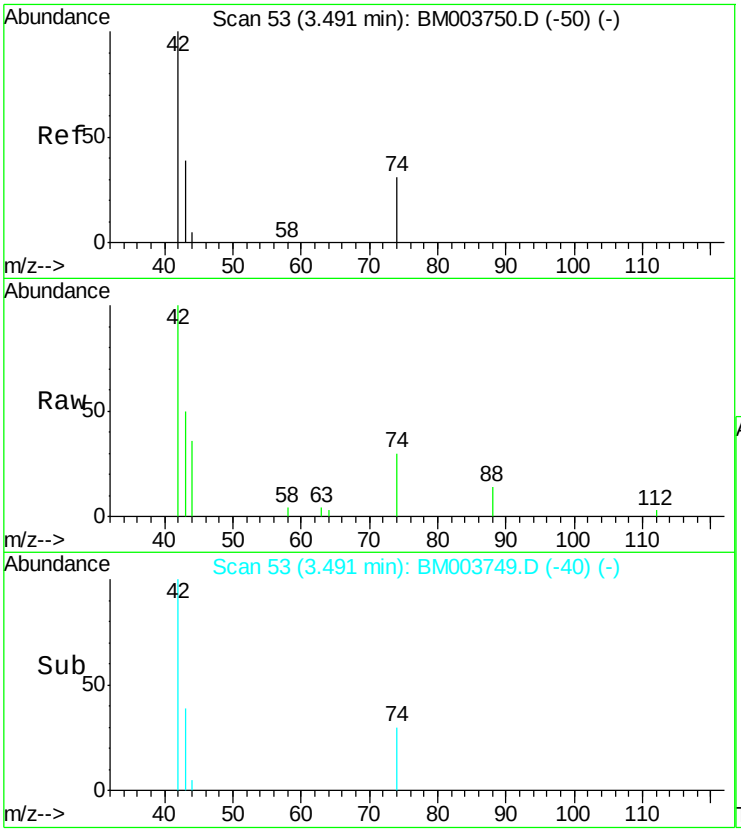


#2
1,4-Dioxane
Concen: 0.81 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion: 88 Resp: 3446

Ion	Ratio	Lower	Upper
88	100		
58	66.8	53.8	80.6
43	29.7	23.8	35.6



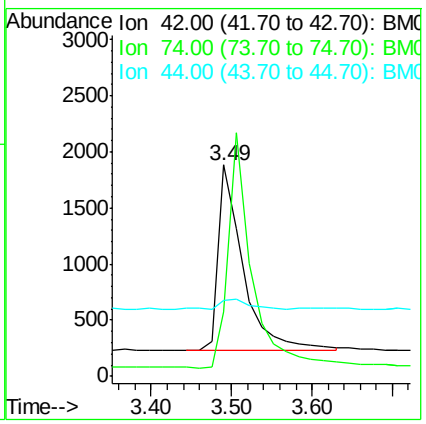


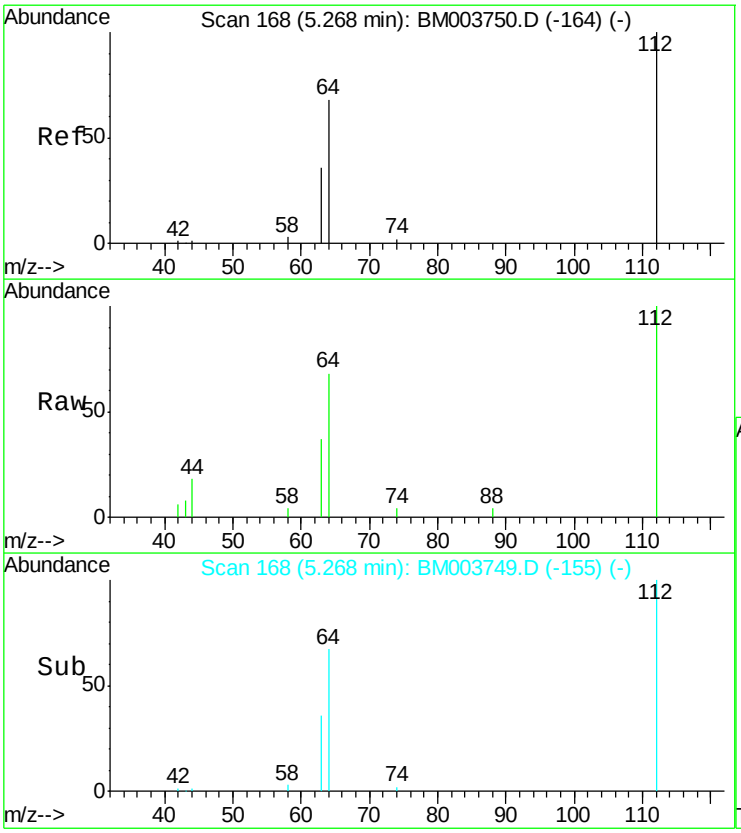
#3
n-Nitrosodimethylamine
Concen: 0.81 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 3544

Ion	Ratio	Lower	Upper
42	100		
74	119.3	95.0	142.4
44	6.0	5.1	7.7

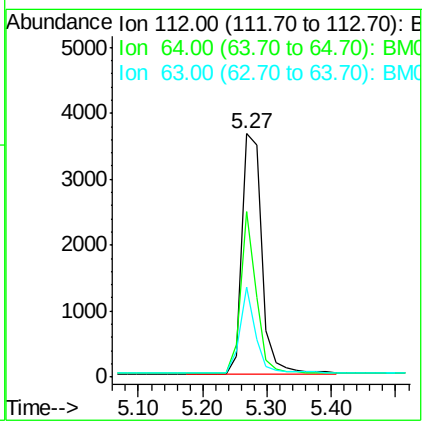


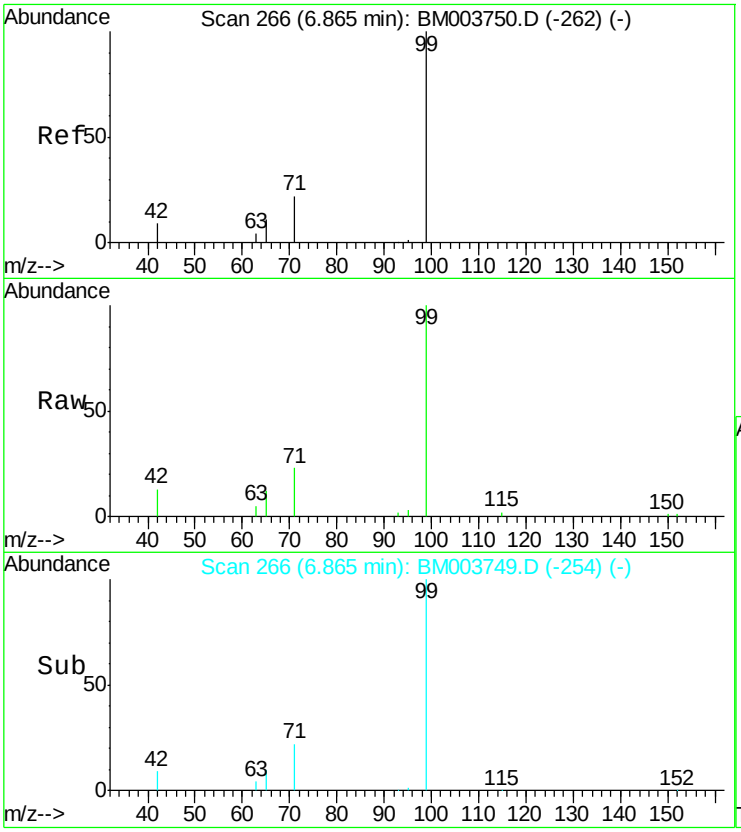


#4
2-Fluorophenol
Concen: 0.82 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:112 Resp: 7824

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.8	62.8
63	27.4	22.1	33.1



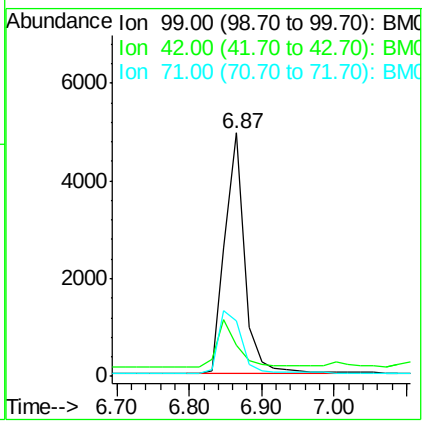


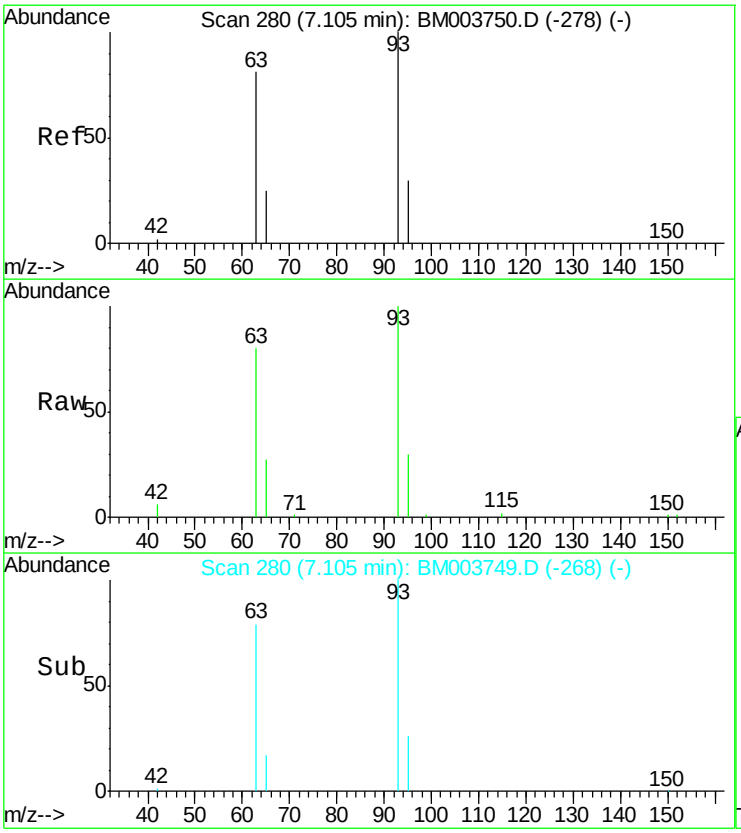
#5
Phenol-d6
Concen: 0.81 ng
RT: 6.87 min Scan# 266
Delta R.T. 0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 9364

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.2	24.2
71	30.3	24.4	36.6

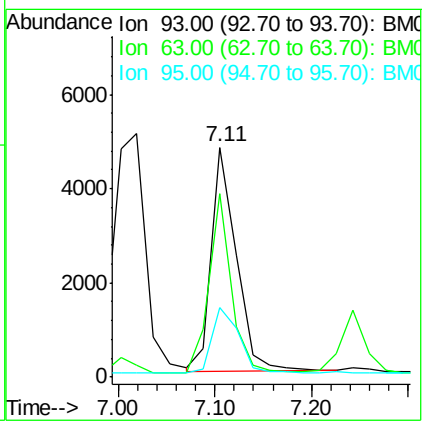


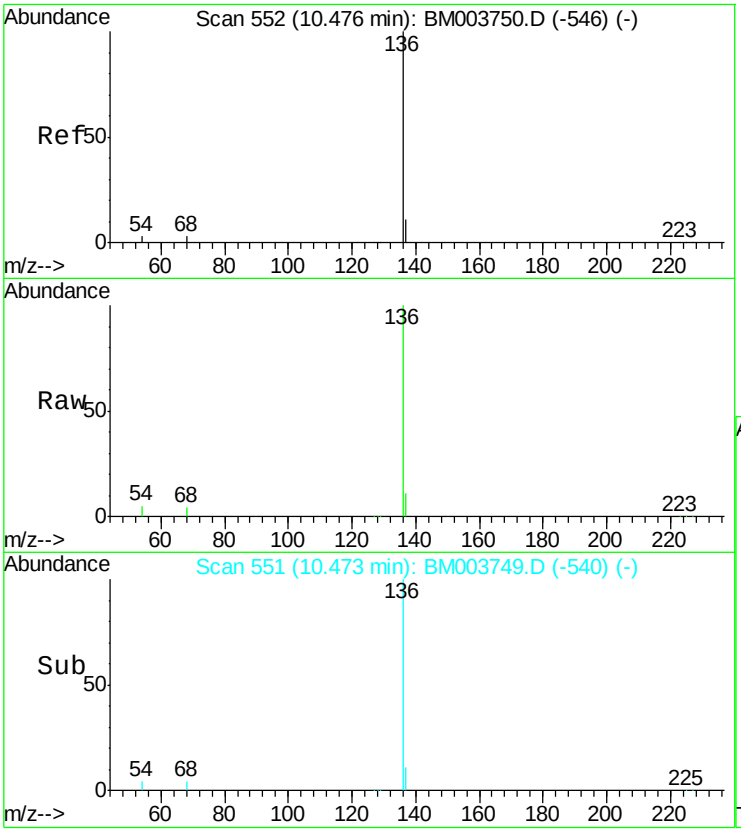


#6
bis(2-Chloroethyl)ether
Concen: 0.76 ng
RT: 7.11 min Scan# 280
Delta R.T. 0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion: 93 Resp: 8512

Ion	Ratio	Lower	Upper
93	100		
63	73.4	58.3	87.5
95	32.5	25.8	38.8



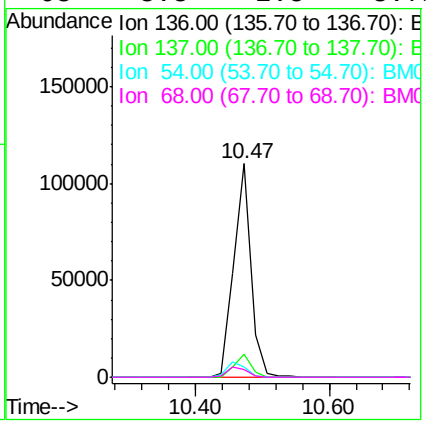


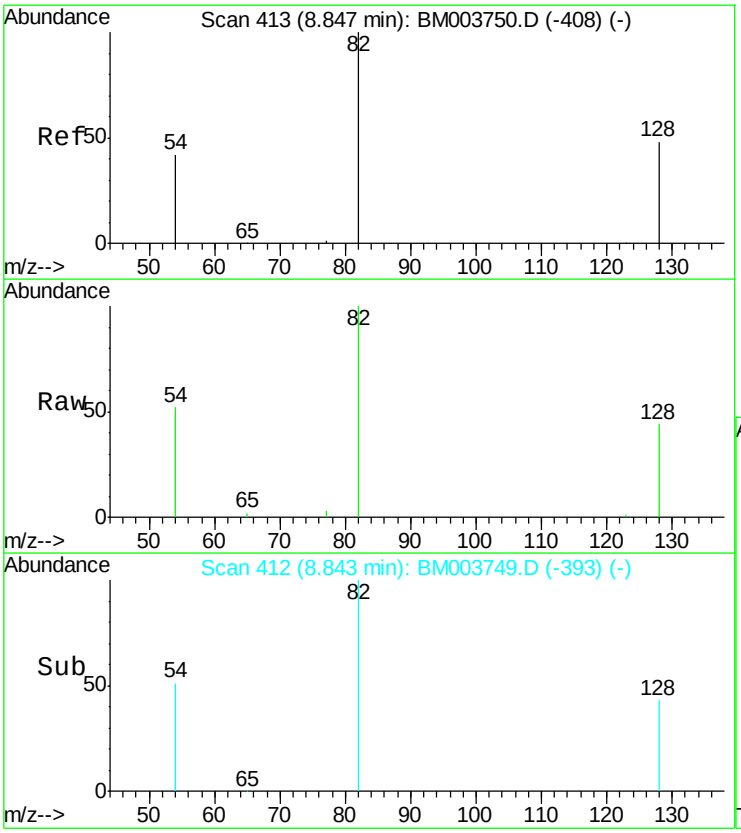
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 551
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 196561

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	4.5	2.8	4.2#
68	3.8	2.5	3.7#

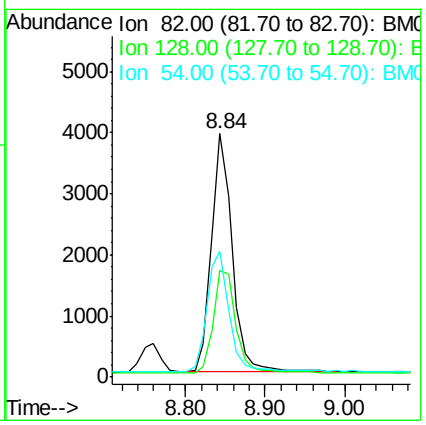


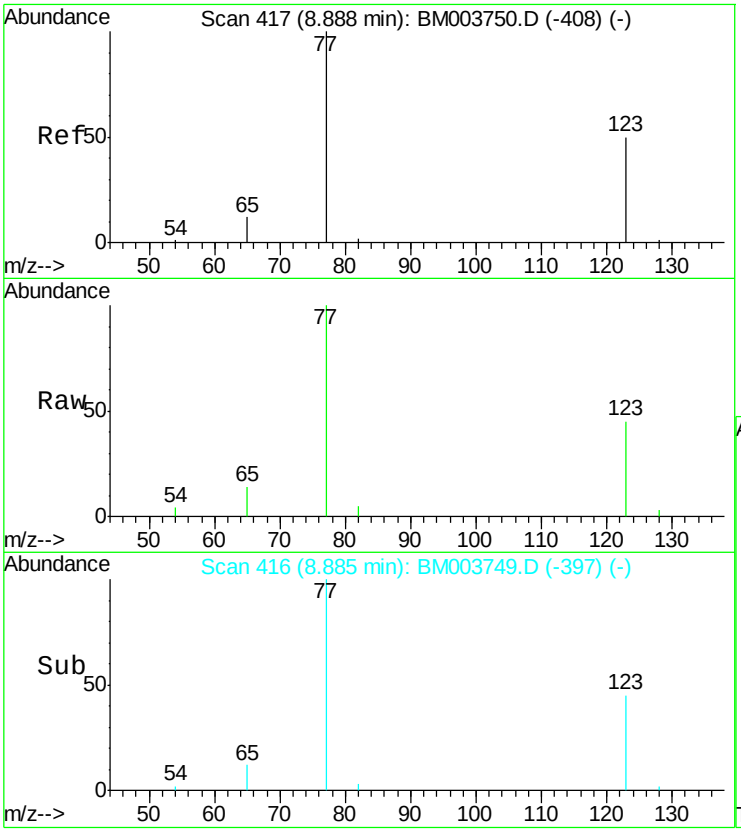


#8
Nitrobenzene-d5
Concen: 0.77 ng
RT: 8.84 min Scan# 412
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion: 82 Resp: 7099

Ion	Ratio	Lower	Upper
82	100		
128	43.8	39.1	58.7
54	51.9	34.8	52.2



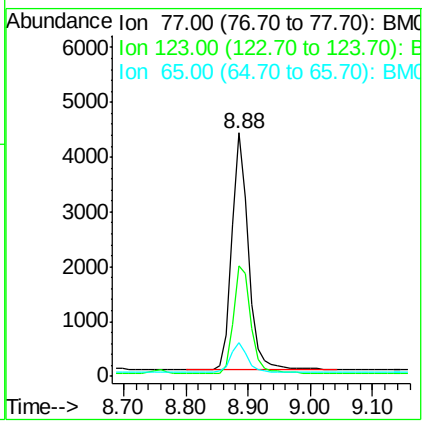


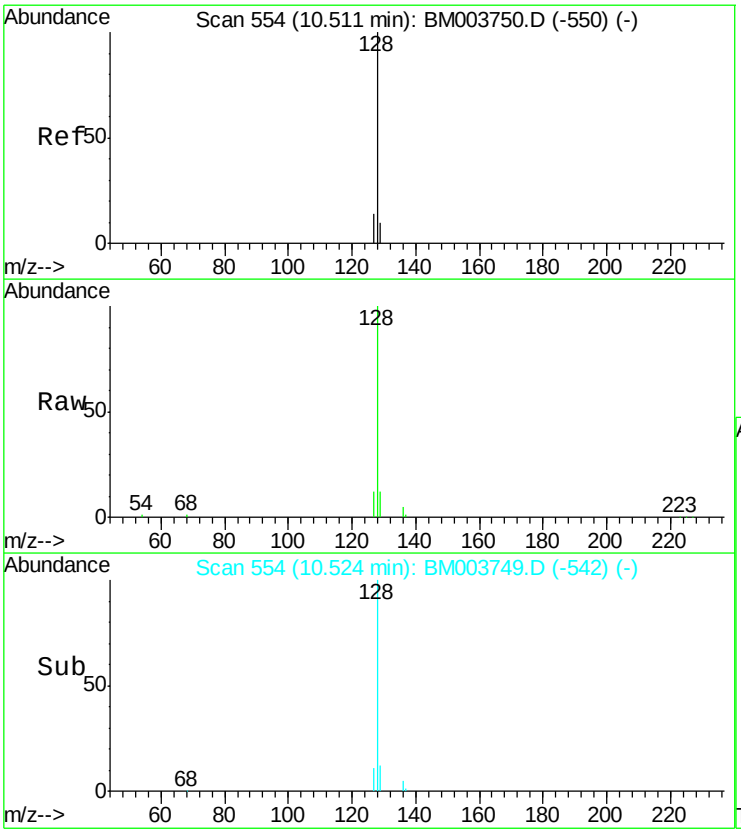
#9
Nitrobenzene
Concen: 0.81 ng
RT: 8.88 min Scan# 416
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 77 Resp: 8090

Ion	Ratio	Lower	Upper
77	100		
123	48.0	38.6	57.8
65	12.4	9.9	14.9

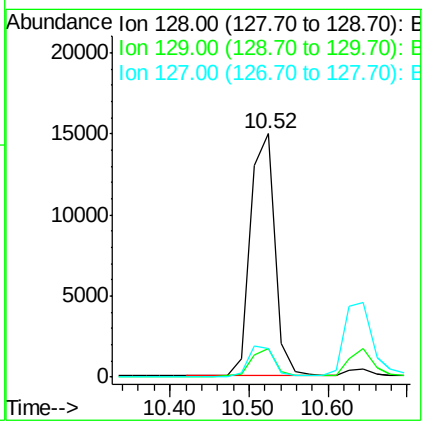


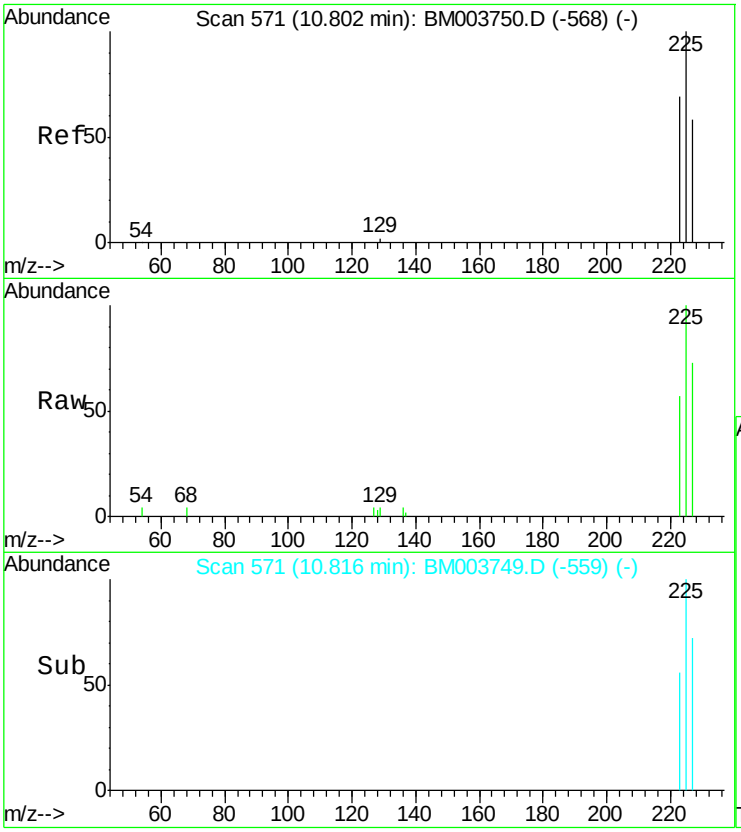


#10
Naphthalene
Concen: 0.76 ng
RT: 10.52 min Scan# 554
Delta R.T. 0.01 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:128 Resp: 32408

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.5	12.7
127	11.6	11.0	16.4



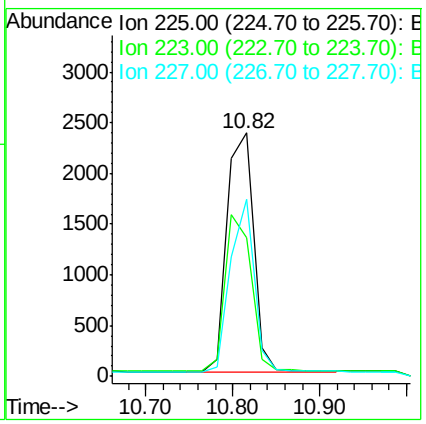


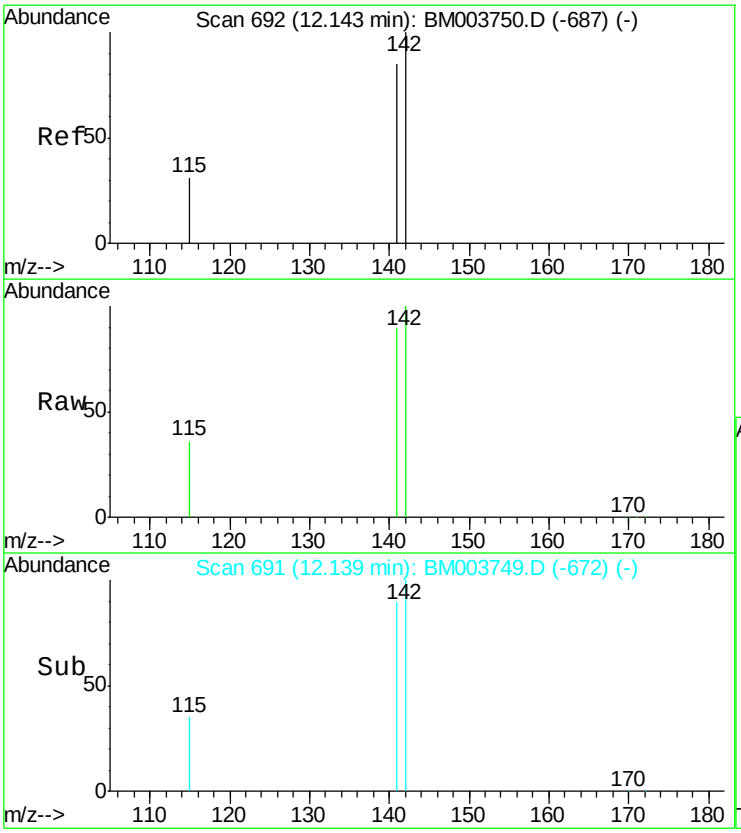
#11
Hexachlorobutadiene
Concen: 0.77 ng
RT: 10.82 min Scan# 571
Delta R.T. 0.01 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:225 Resp: 5001

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.9	76.3
227	64.2	51.2	76.8

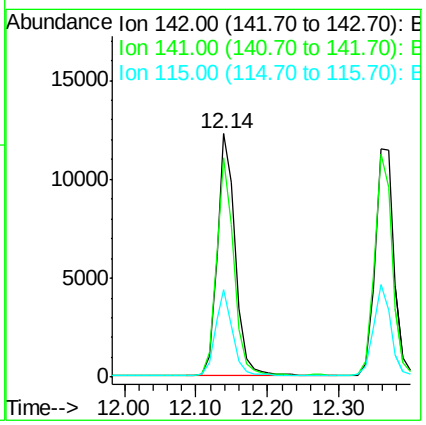


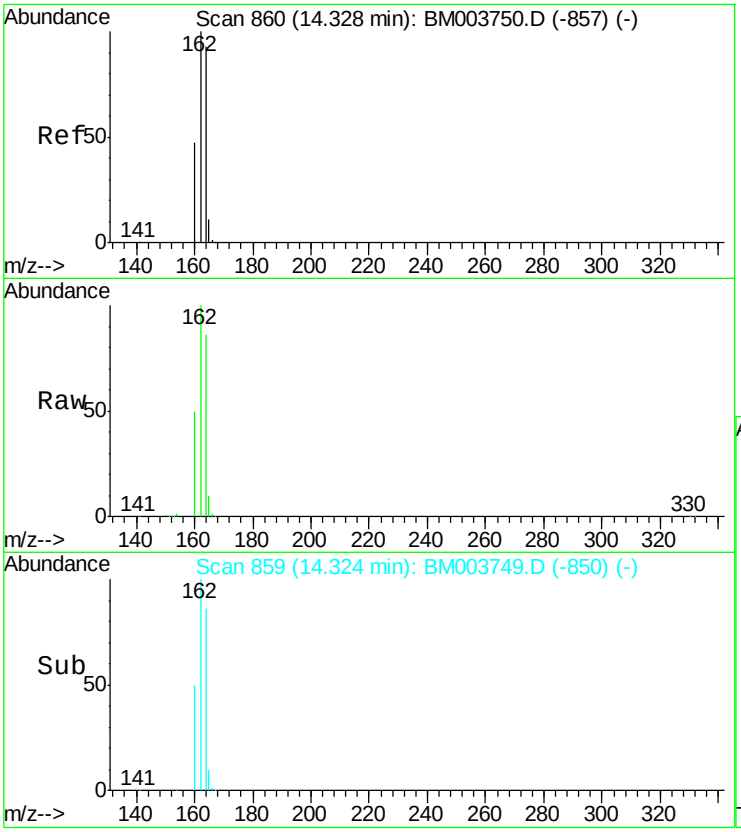


#12
2-Methylnaphthalene
Concen: 0.74 ng
RT: 12.14 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:142 Resp: 21469

Ion	Ratio	Lower	Upper
142	100		
141	90.3	67.8	101.8
115	35.7	25.3	37.9



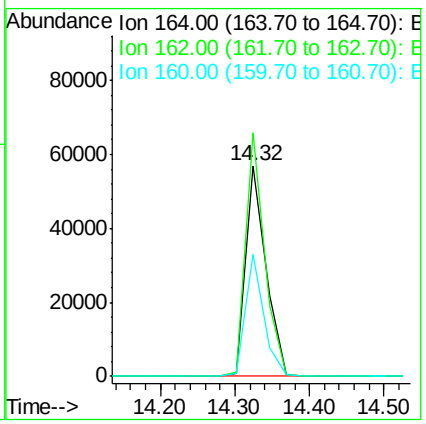


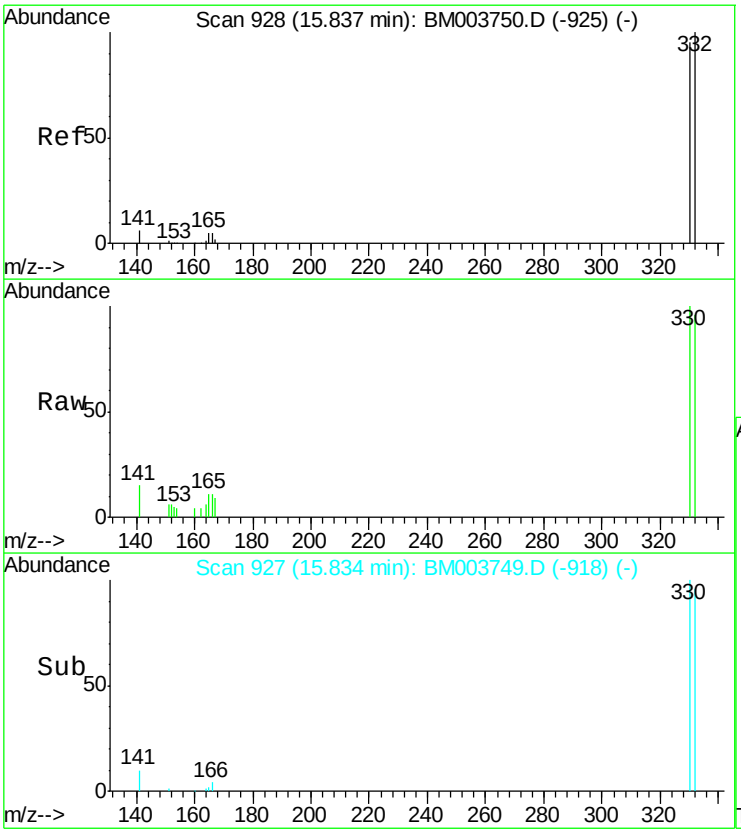
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 859
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 106501

Ion	Ratio	Lower	Upper
164	100		
162	115.7	86.0	129.0
160	58.2	40.3	60.5

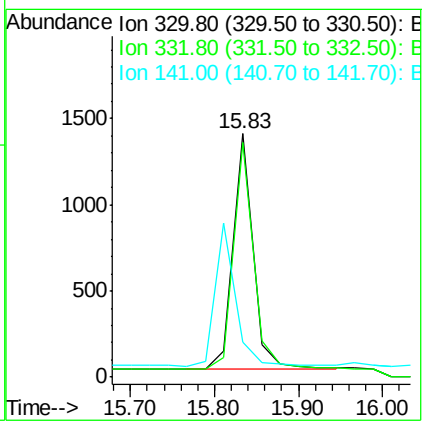


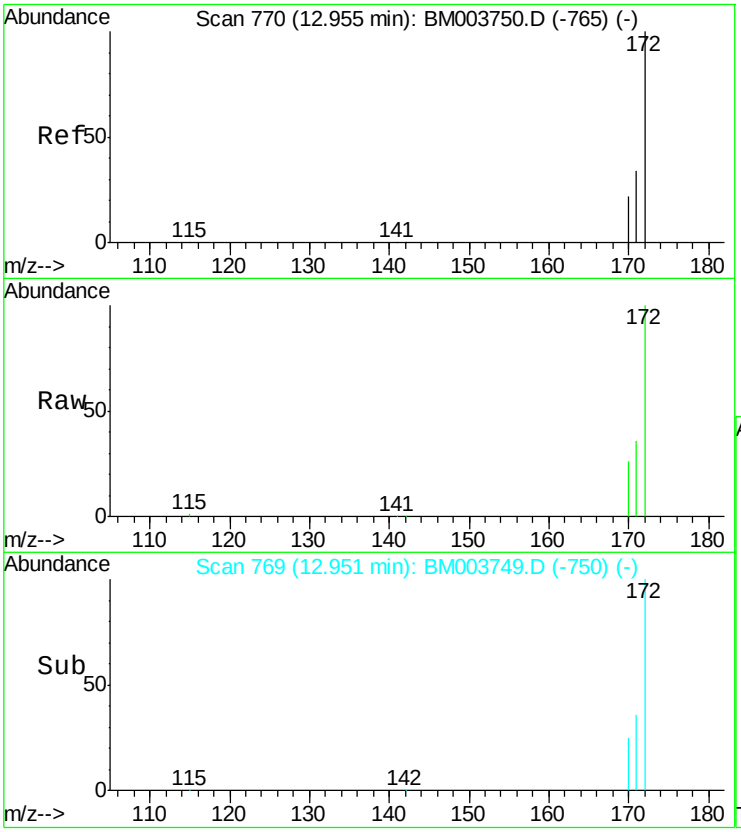


#14
2,4,6-Tribromophenol
Concen: 1.00 ng
RT: 15.83 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:330 Resp: 2221

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	0.0	0.0	0.0



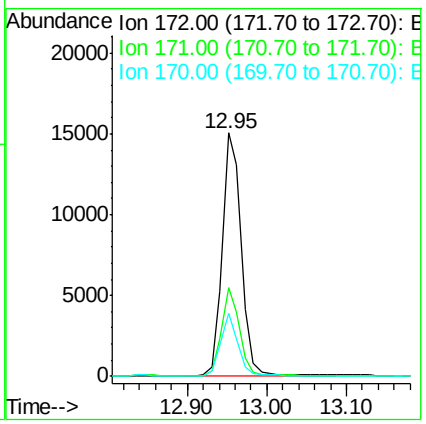


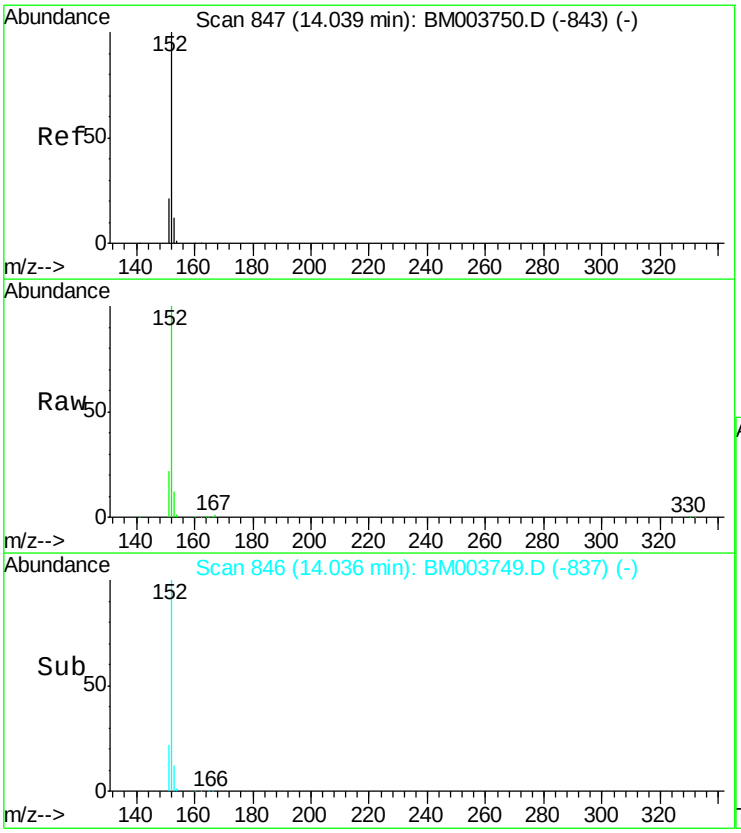
#15
2-Fluorobiphenyl
Concen: 0.77 ng
RT: 12.95 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 24606

Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.0	40.6
170	25.7	17.9	26.9

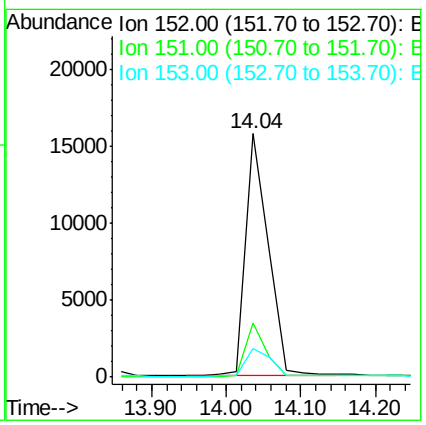


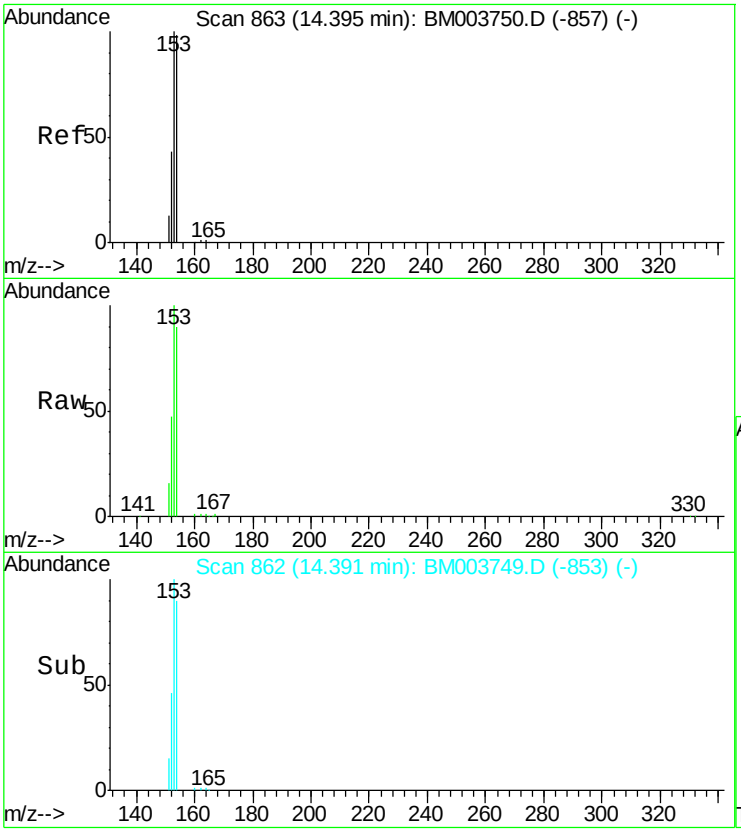


#16
Acenaphthylene
Concen: 0.79 ng
RT: 14.04 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:152 Resp: 32999

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	12.8	10.2	15.4



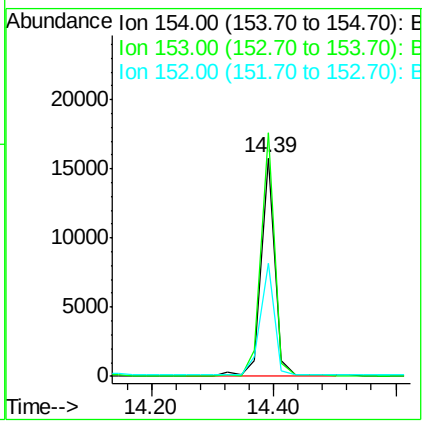


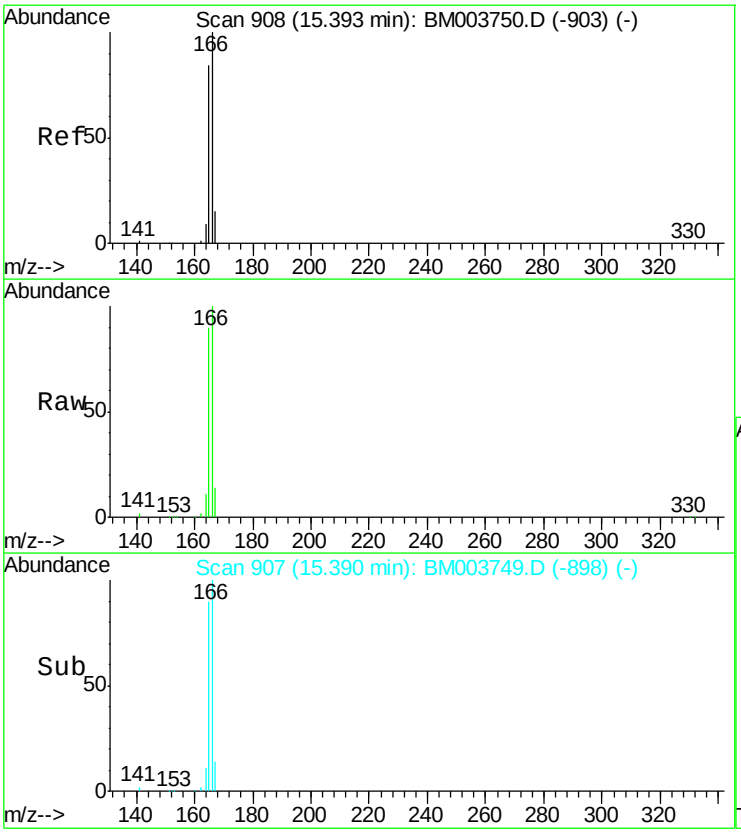
#17
Acenaphthene
Concen: 0.87 ng
RT: 14.39 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 24638

Ion	Ratio	Lower	Upper
154	100		
153	110.0	85.4	128.2
152	52.6	40.6	60.8

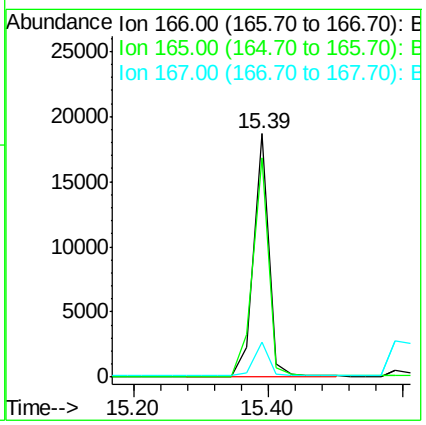


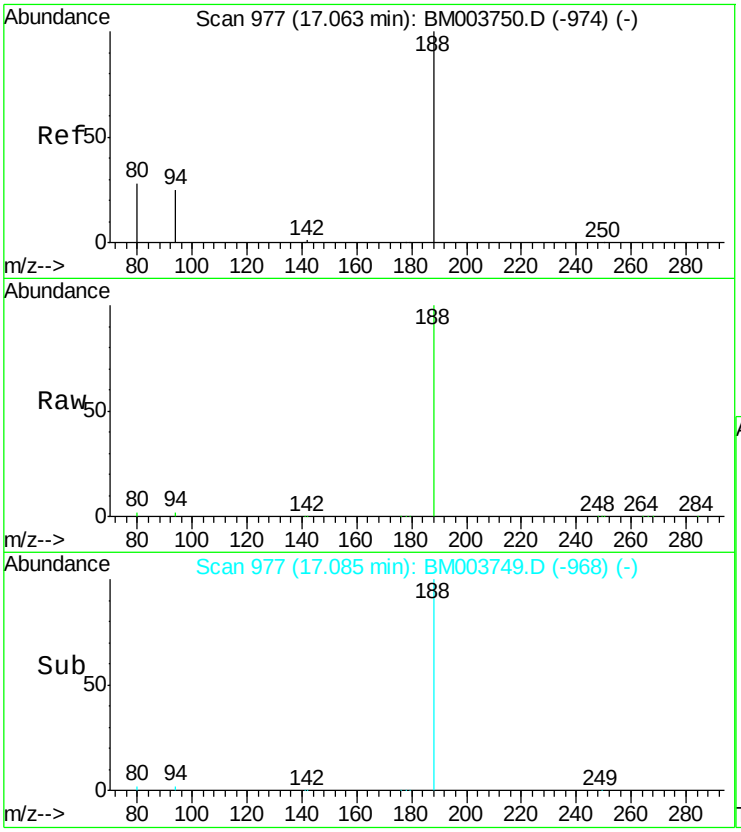


#18
Fluorene
Concen: 0.92 ng
RT: 15.39 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:166 Resp: 29383

Ion	Ratio	Lower	Upper
166	100		
165	94.8	77.2	115.8
167	13.7	11.0	16.6



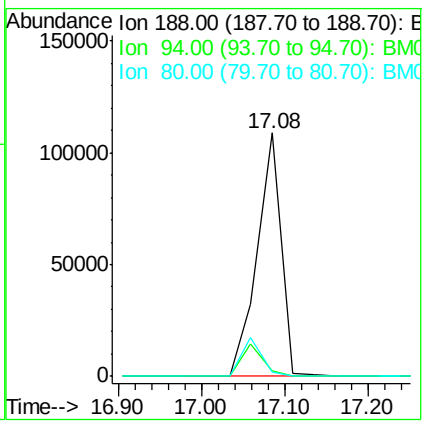


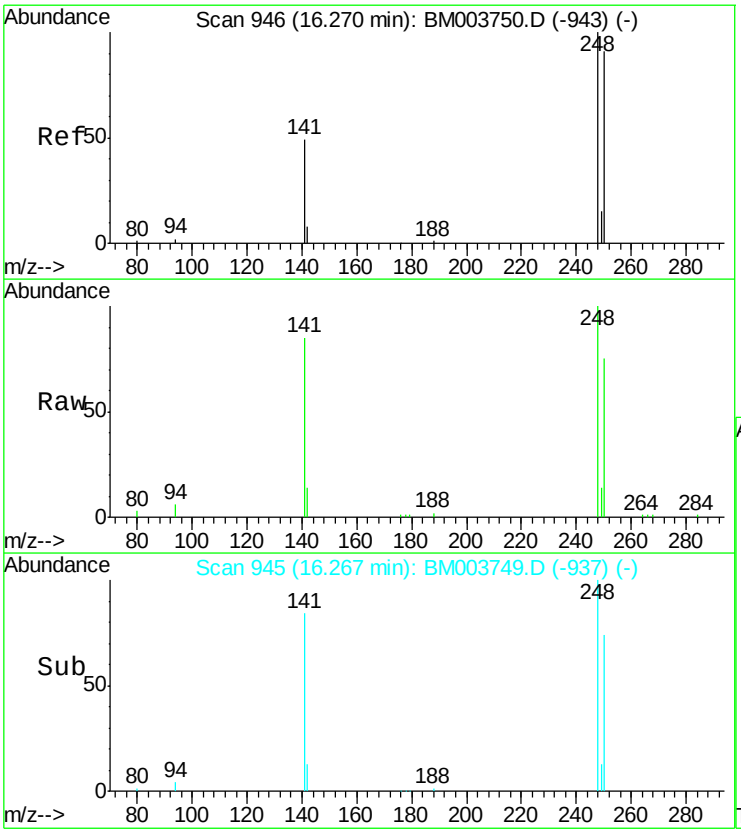
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.08 min Scan# 977
Delta R.T. 0.02 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 220248

Ion	Ratio	Lower	Upper
188	100		
94	2.1	20.3	30.5#
80	1.6	22.2	33.4#

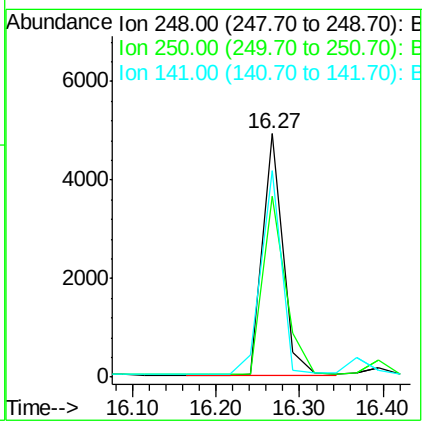


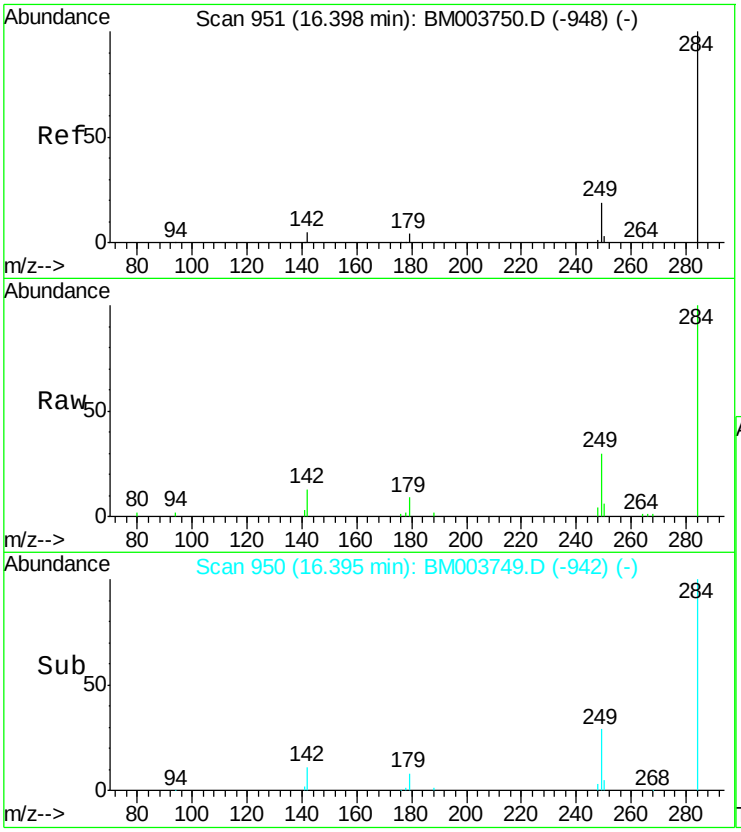


#20
4-Bromophenyl-phenylether
Concen: 1.16 ng
RT: 16.27 min Scan# 945
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:248 Resp: 8314

Ion	Ratio	Lower	Upper
248	100		
250	83.4	75.0	112.4
141	85.7	53.0	79.4#



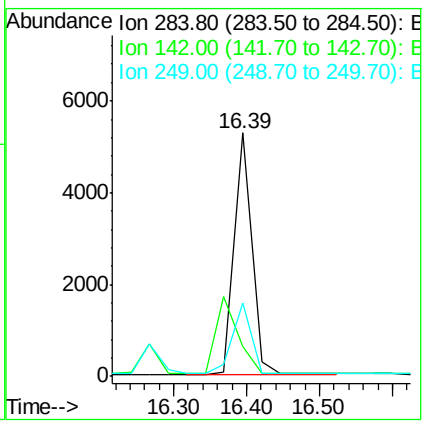


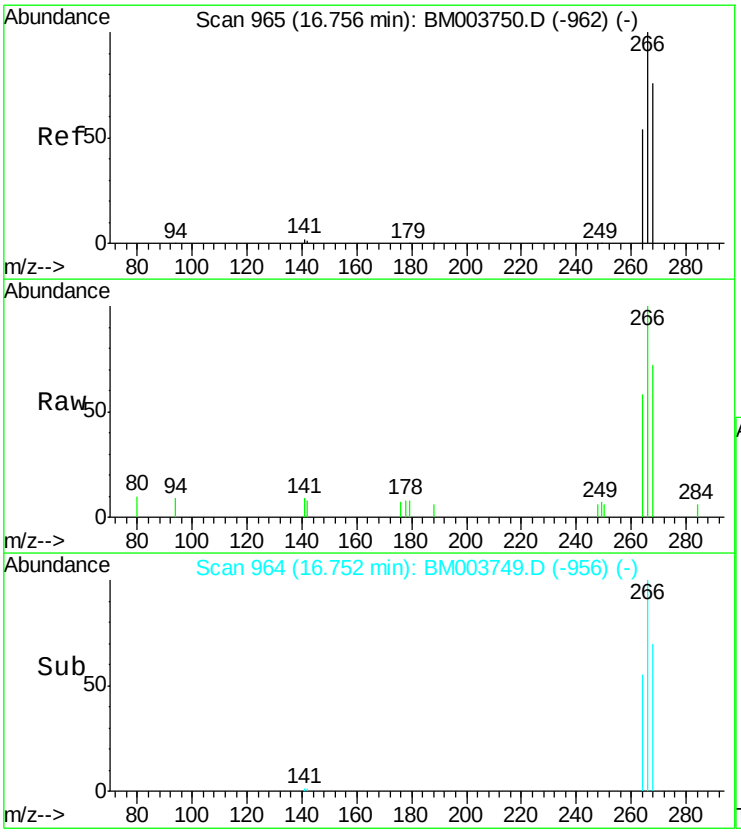
#21
Hexachlorobenzene
Concen: 1.05 ng
RT: 16.39 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 8591

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	31.4	21.5	32.3

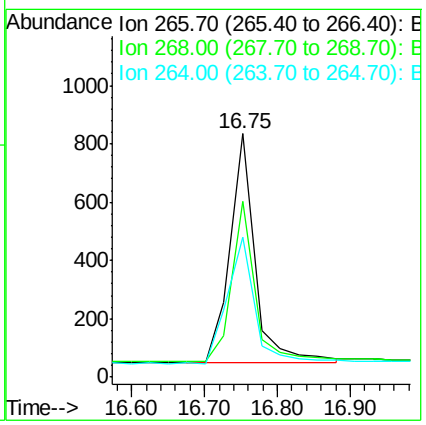


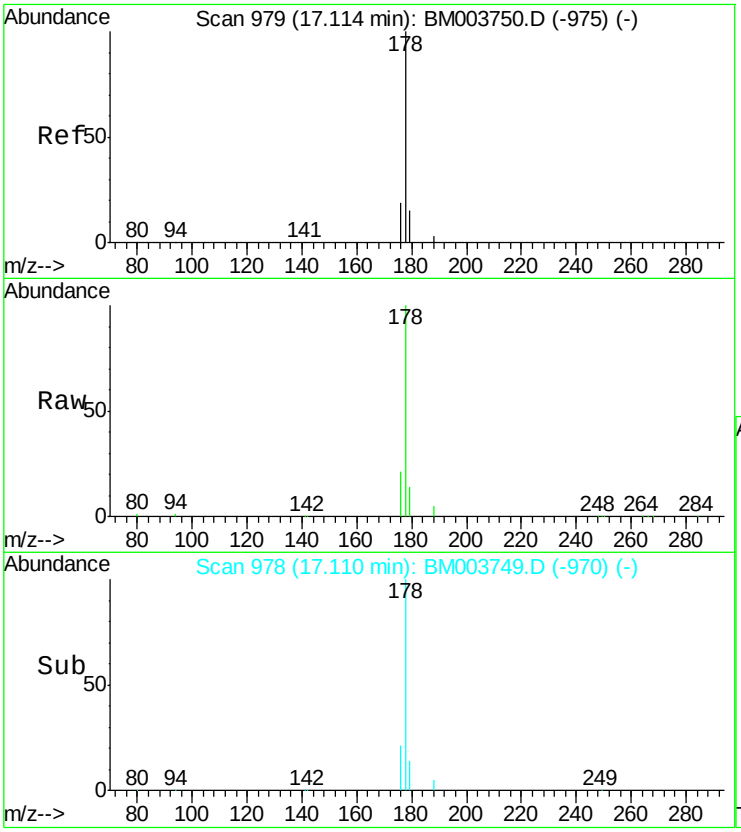


#22
Pentachlorophenol
Concen: 0.76 ng
RT: 16.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:266 Resp: 1840

Ion	Ratio	Lower	Upper
266	100		
268	72.3	62.7	94.1
264	57.6	45.7	68.5



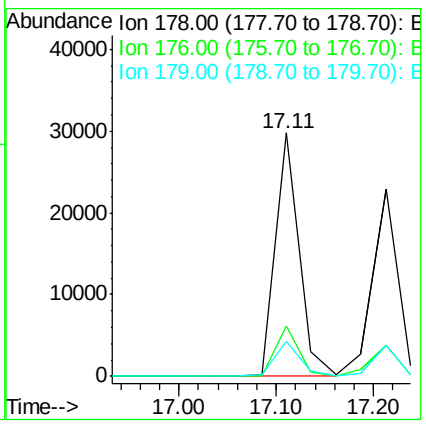


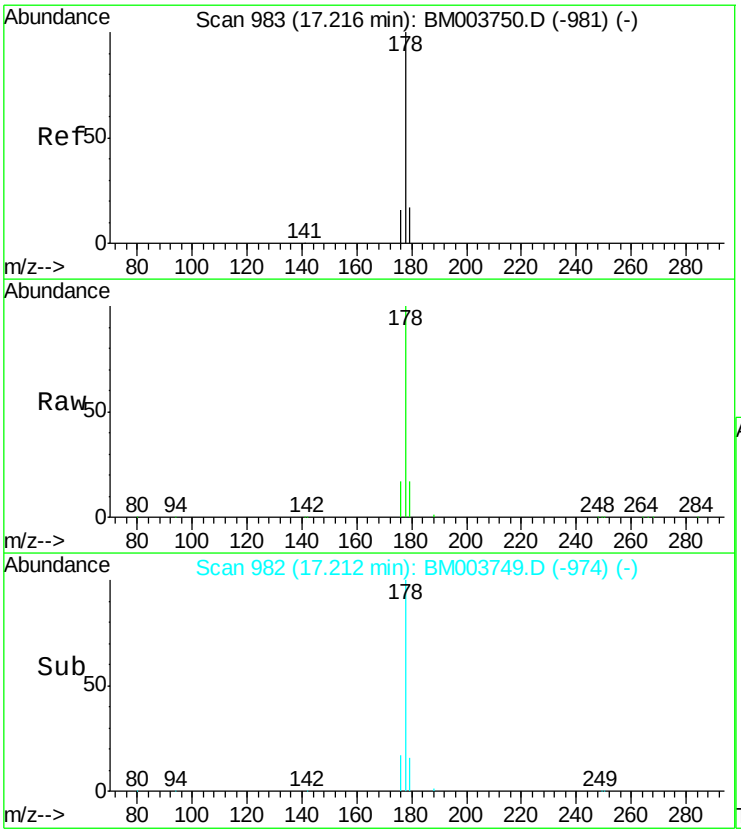
#23
Phenanthrene
Concen: 1.09 ng
RT: 17.11 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 50650

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.0
179	14.9	12.2	18.4

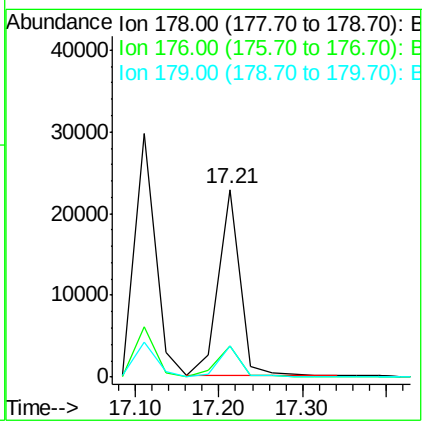


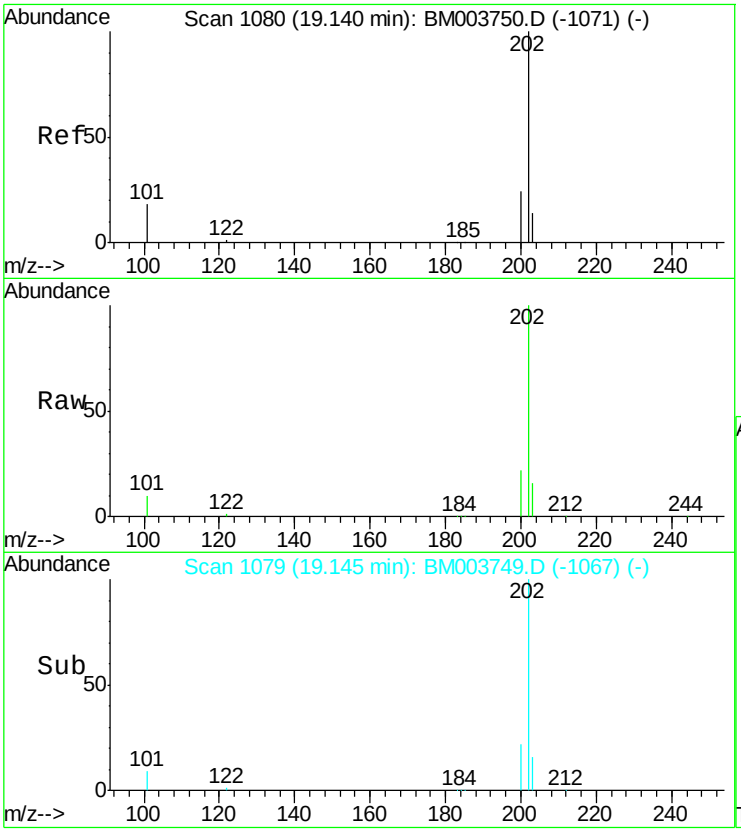


#24
Anthracene
Concen: 0.91 ng
RT: 17.21 min Scan# 982
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:178 Resp: 41337

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	21.8
179	15.9	12.6	19.0



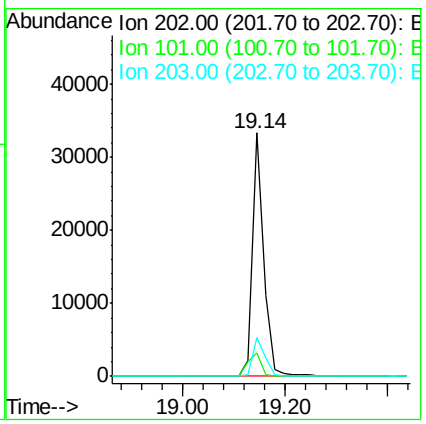


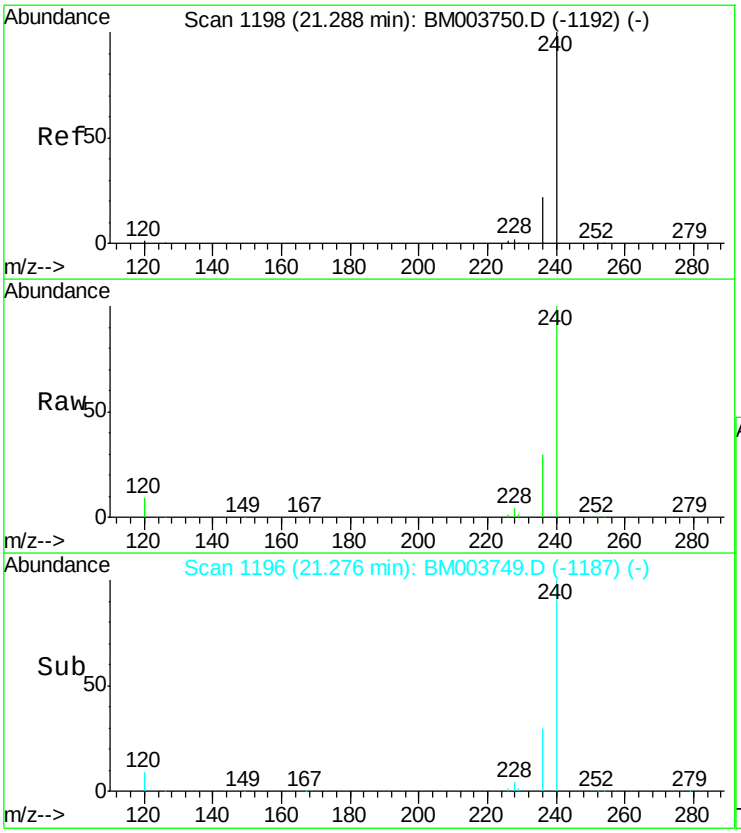
#25
Fluoranthene
Concen: 1.07 ng
RT: 19.14 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 49499

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.7	14.5
203	17.2	13.8	20.8

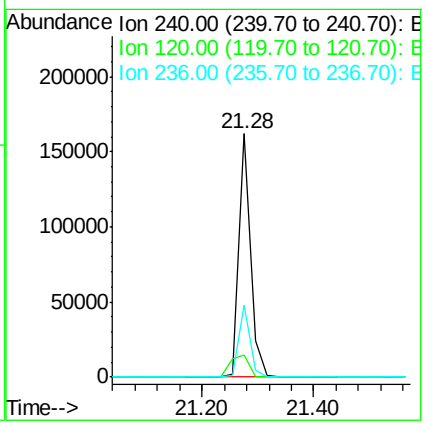


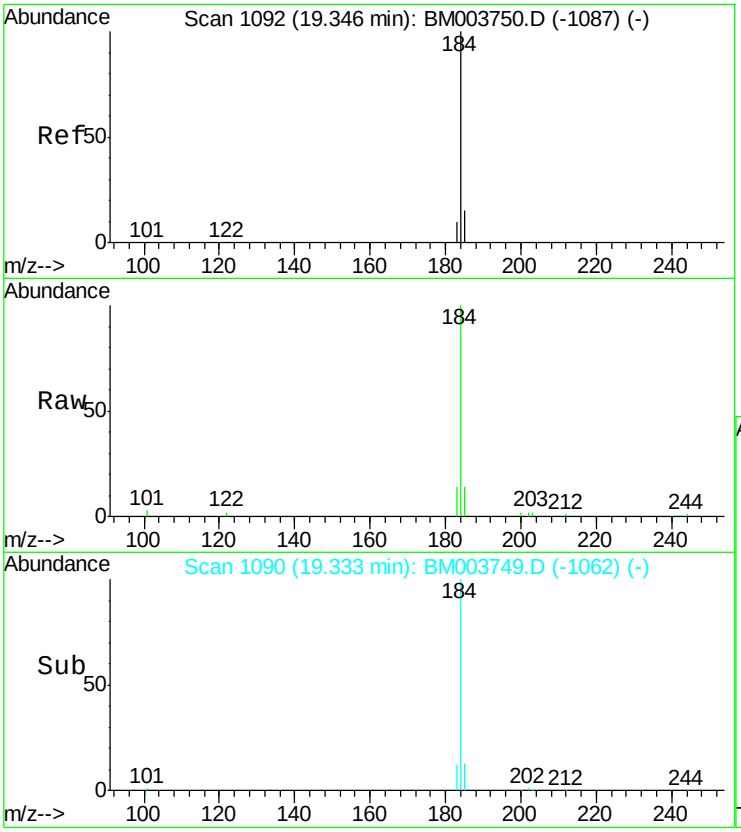


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:240 Resp: 233808

Ion	Ratio	Lower	Upper
240	100		
120	9.2	0.9	1.3#
236	29.7	17.3	25.9#



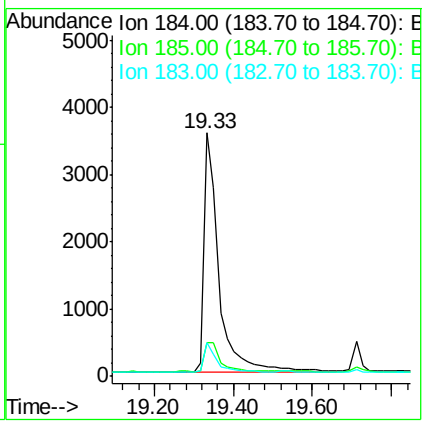


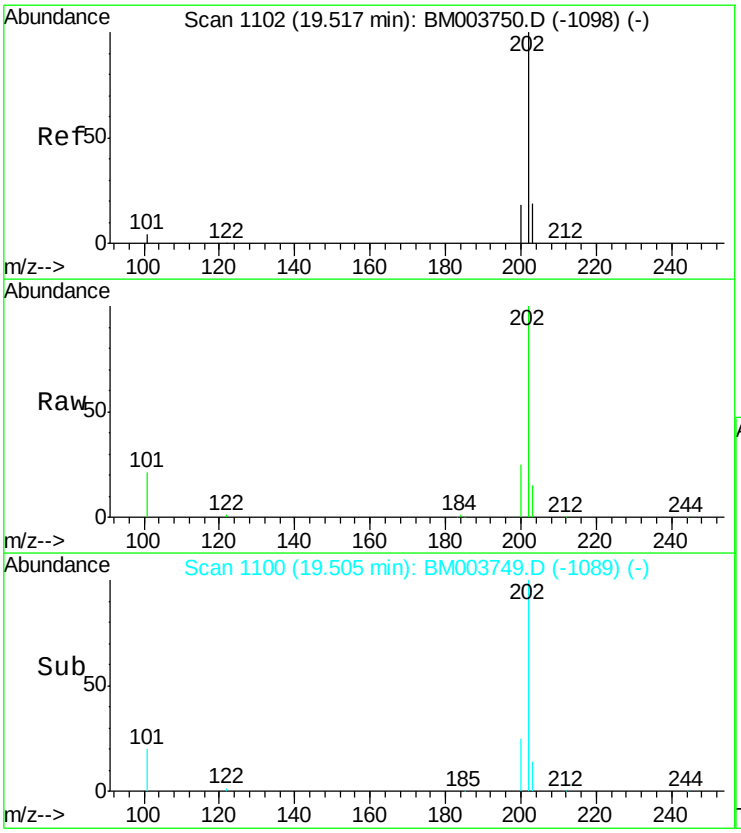
#27
Benzidine
Concen: 0.51 ng
RT: 19.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:184 Resp: 9599

Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.2	19.8
183	13.8	9.0	13.6#

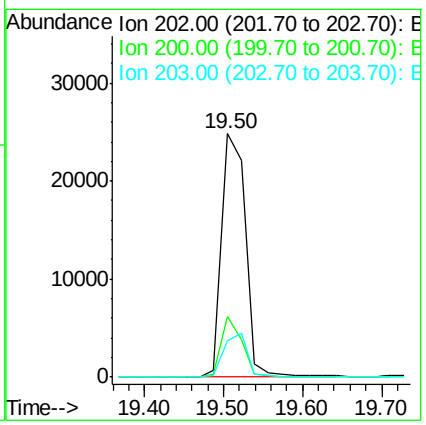


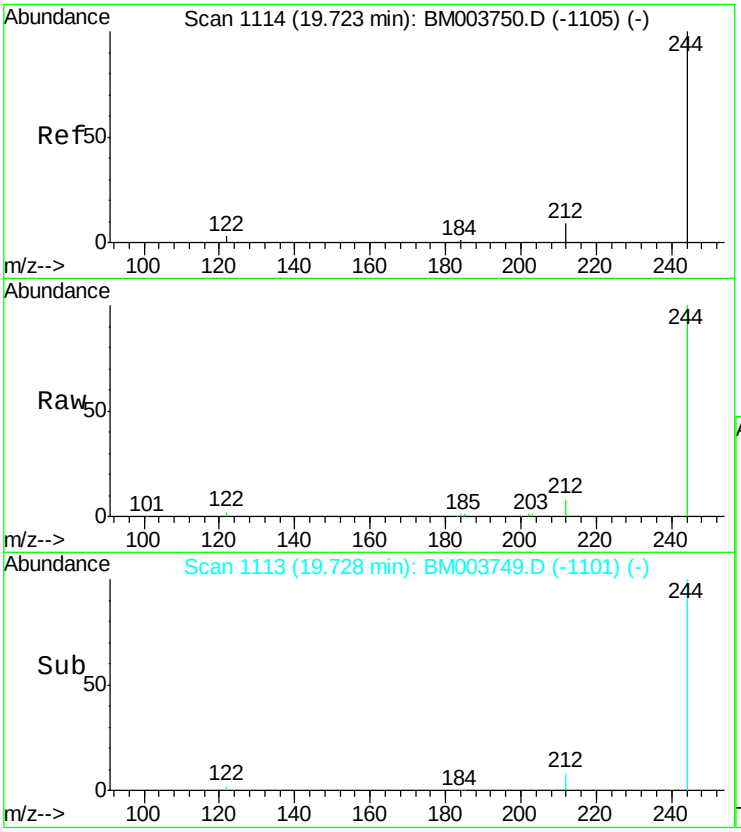


#28
Pyrene
Concen: 0.60 ng
RT: 19.50 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:202 Resp: 50831

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.3	14.0	21.0



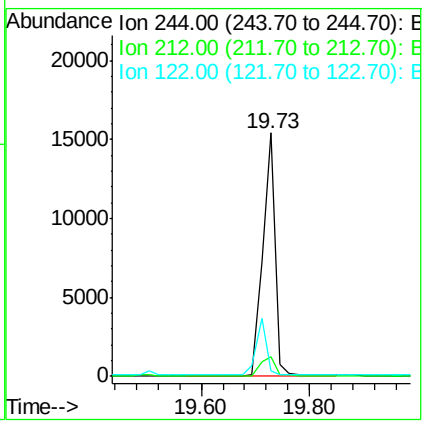


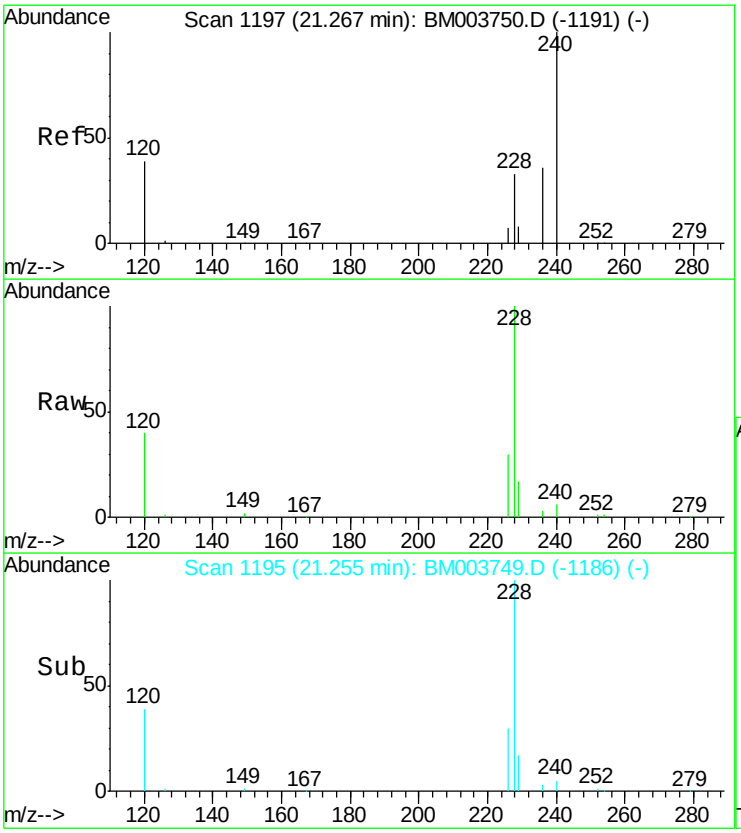
#29
Terphenyl-d14
Concen: 0.64 ng
RT: 19.73 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 24445

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.6
122	2.2	3.0	4.6#

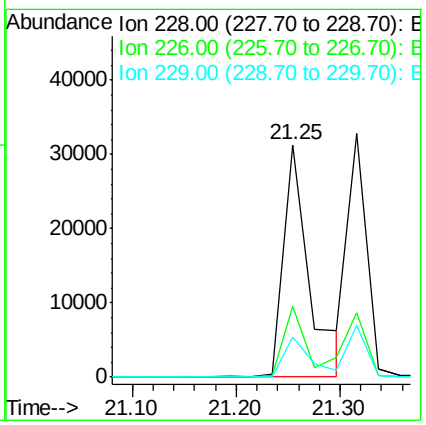


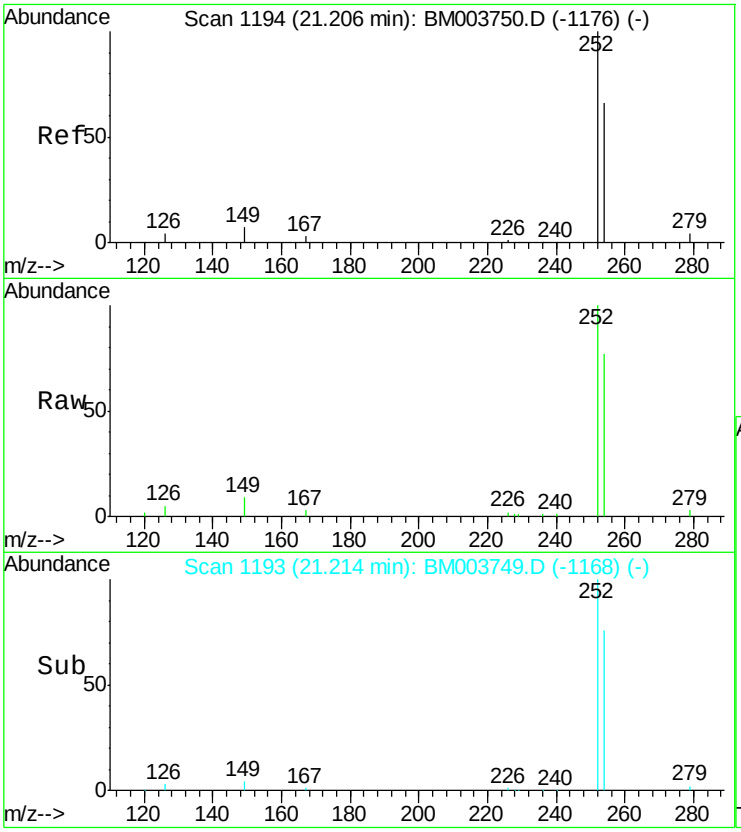


#30
Benzo(a)anthracene
Concen: 0.86 ng
RT: 21.25 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:228 Resp: 54345

Ion	Ratio	Lower	Upper
228	100		
226	30.2	17.2	25.8#
229	17.4	18.7	28.1#



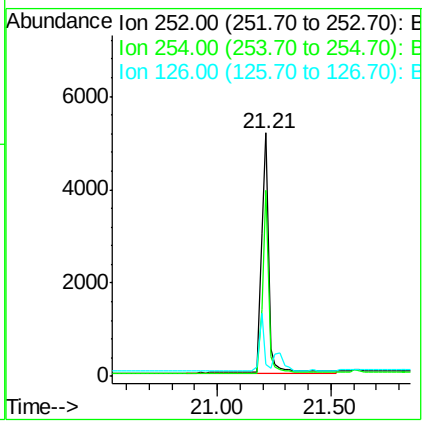


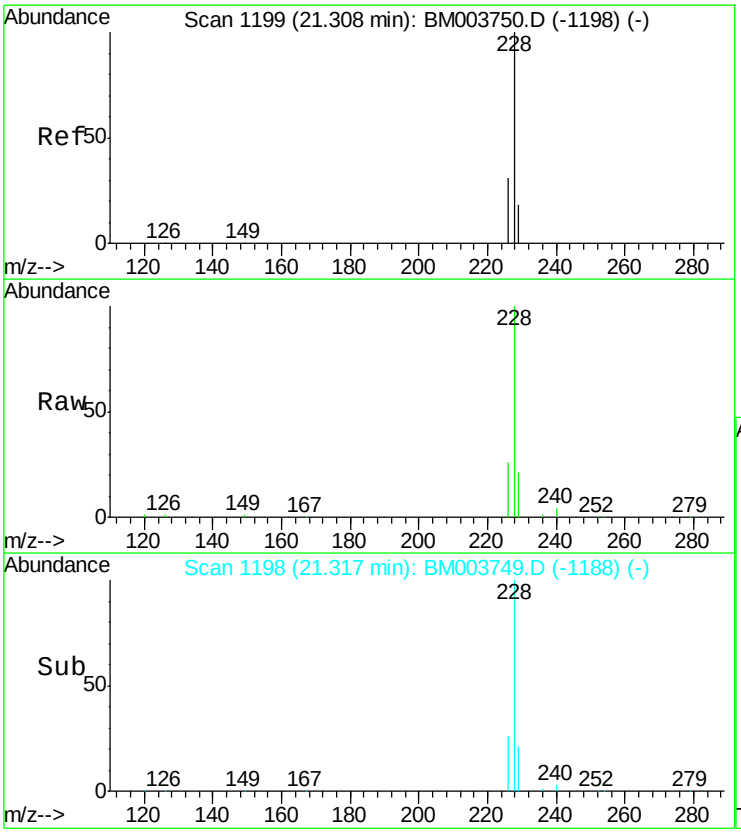
#31
3,3'-Dichlorobenzidine
Concen: 0.71 ng
RT: 21.21 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 11722

Ion	Ratio	Lower	Upper
252	100		
254	76.6	52.6	79.0
126	4.7	3.7	5.5

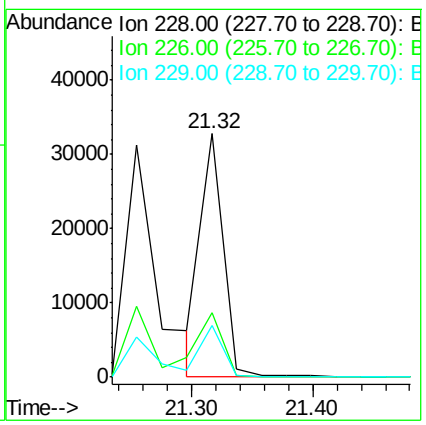


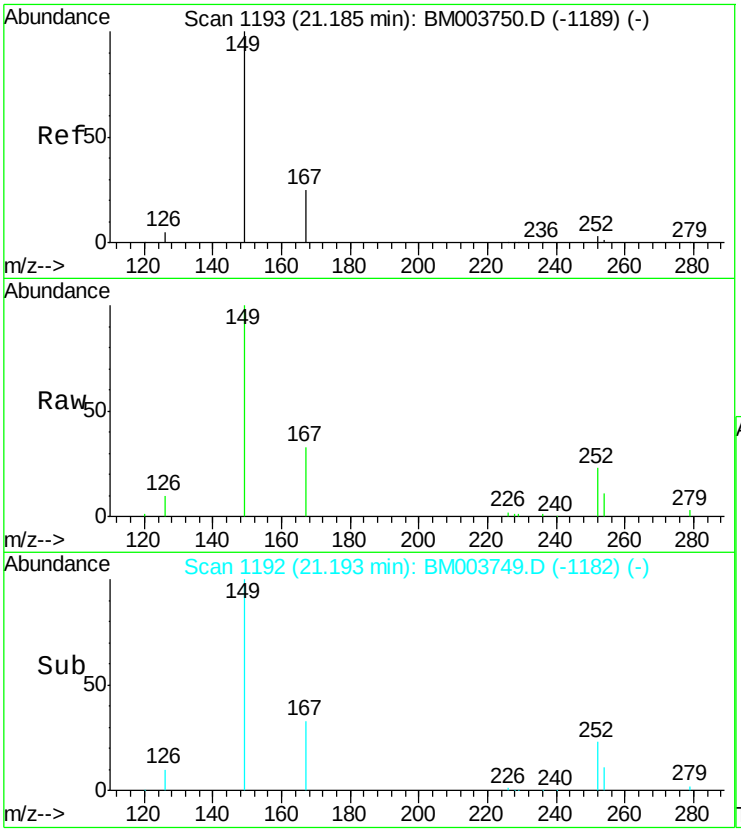


#32
Chrysene
Concen: 0.57 ng
RT: 21.32 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:228 Resp: 41786

Ion	Ratio	Lower	Upper
228	100		
226	26.4	25.3	37.9
229	21.2	14.5	21.7



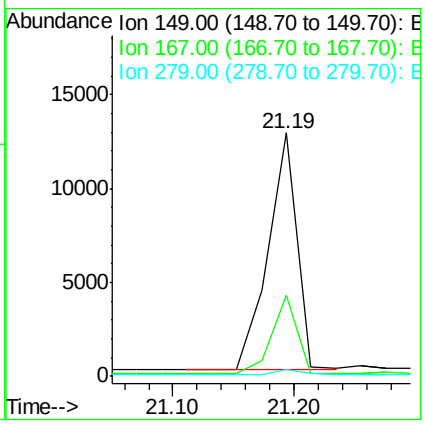


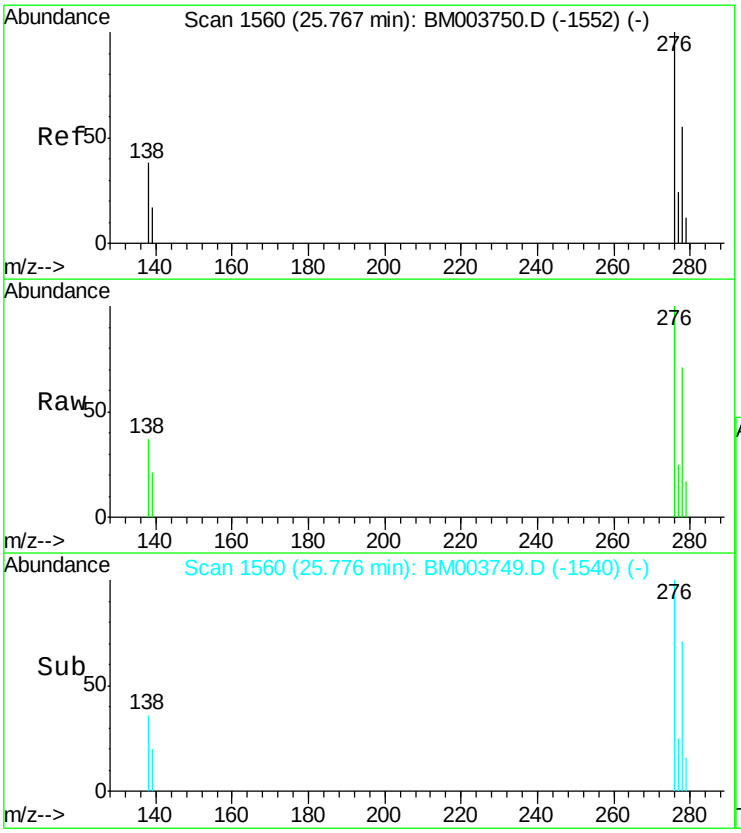
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.65 ng
RT: 21.19 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 21062

Ion	Ratio	Lower	Upper
149	100		
167	29.1	20.1	30.1
279	2.5	0.0	0.0#

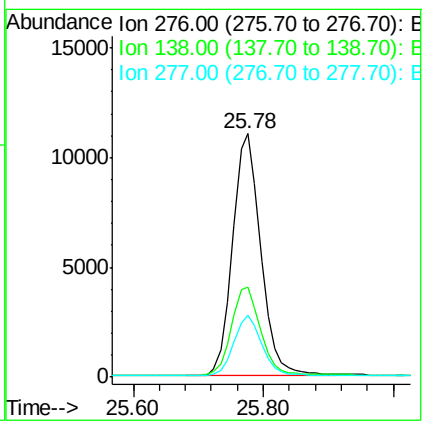


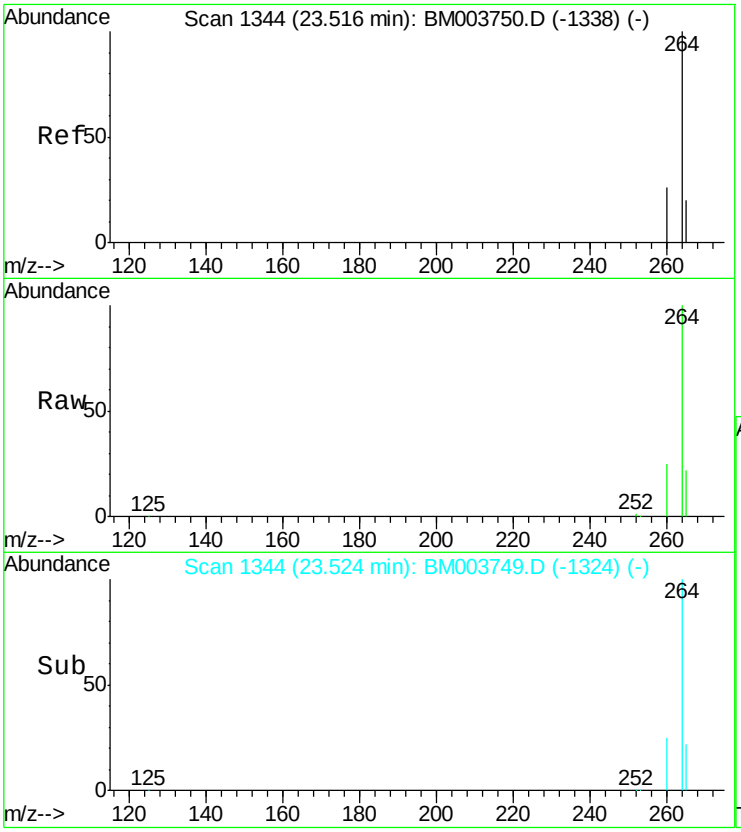


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.60 ng
RT: 25.78 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:276 Resp: 33152

Ion	Ratio	Lower	Upper
276	100		
138	37.3	30.2	45.2
277	24.8	19.8	29.8



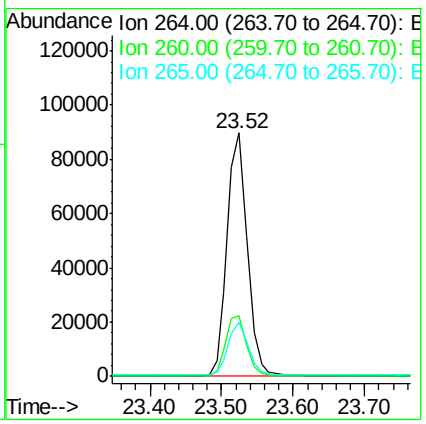


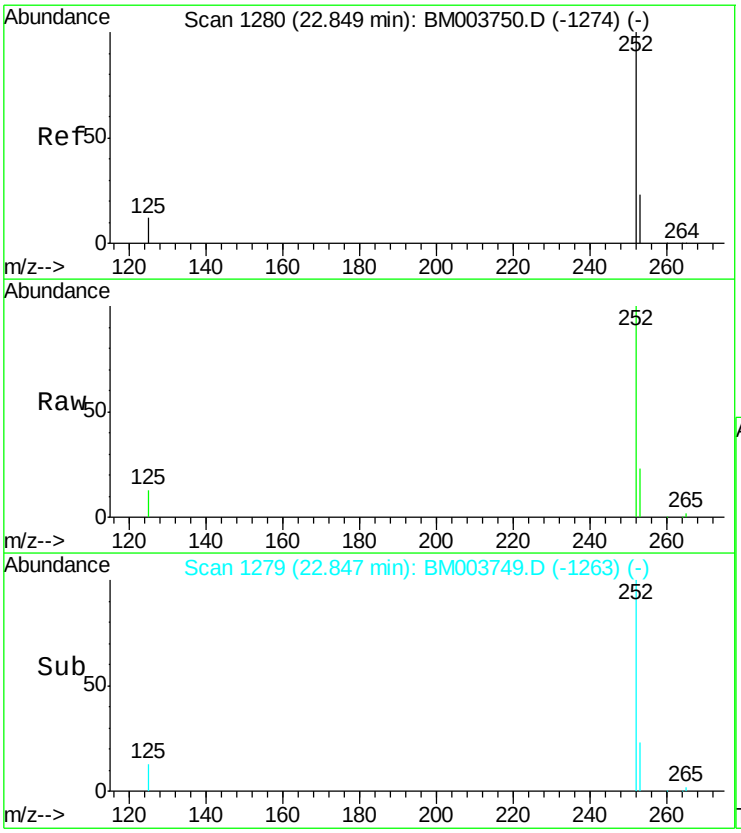
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 175910

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.2	31.8
265	22.1	16.7	25.1

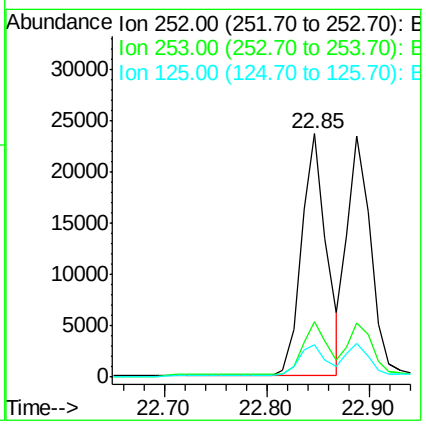


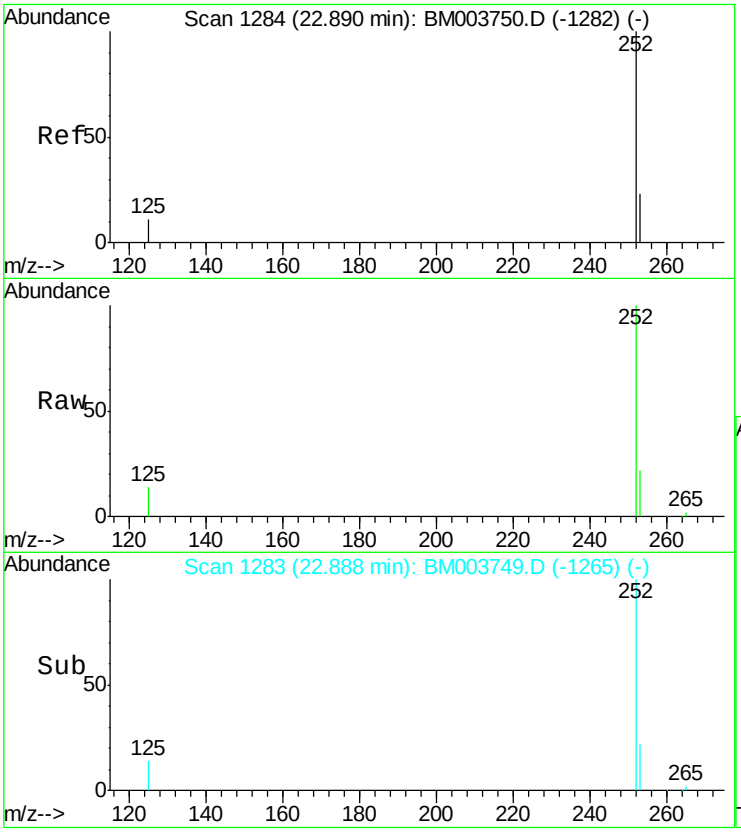


#36
Benzo(b)fluoranthene
Concen: 0.75 ng
RT: 22.85 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:252 Resp: 40362

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.8	28.2
125	13.4	10.2	15.4



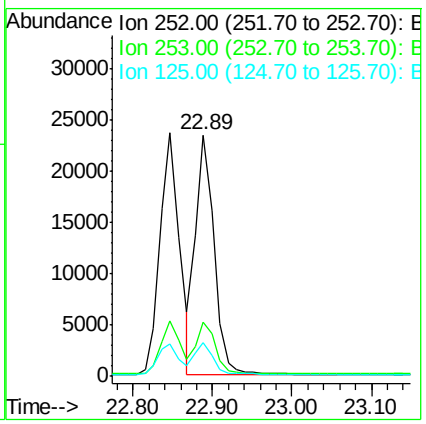


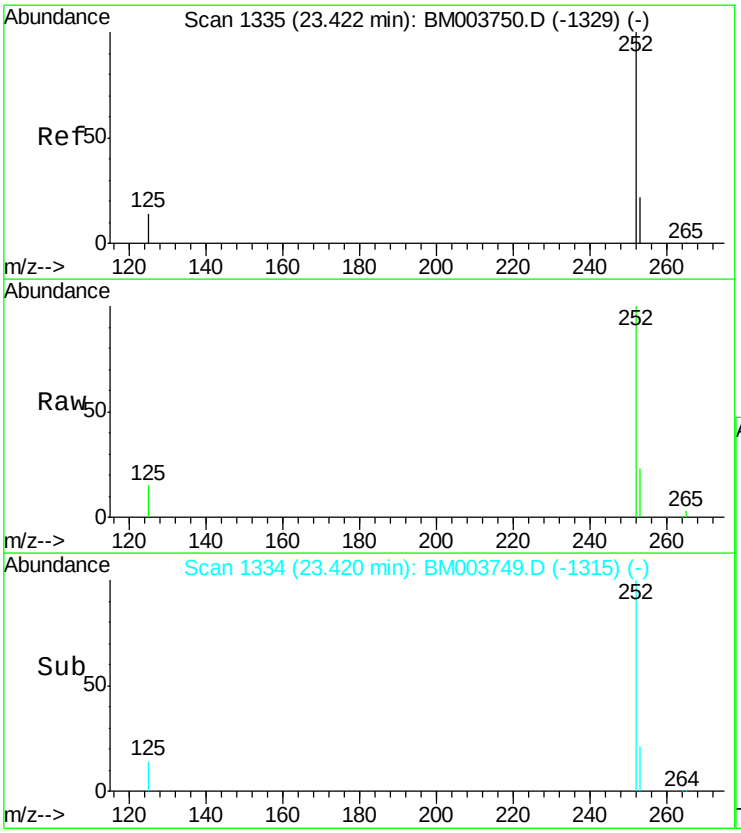
#37
Benzo(k)fluoranthene
Concen: 0.80 ng
RT: 22.89 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 38018

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	13.8	10.6	15.8

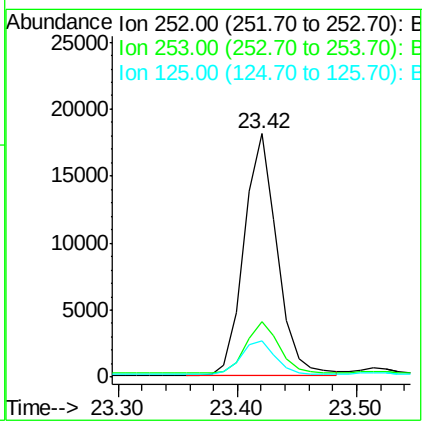


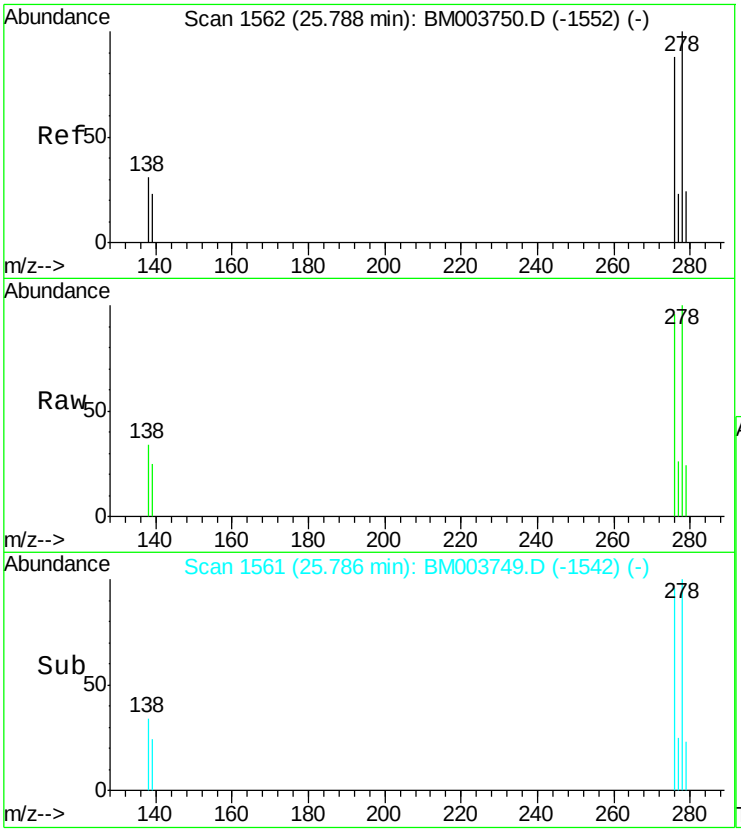


#38
Benzo(a)pyrene
Concen: 0.78 ng
RT: 23.42 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:252 Resp: 34531

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.7	28.1
125	15.1	11.8	17.8



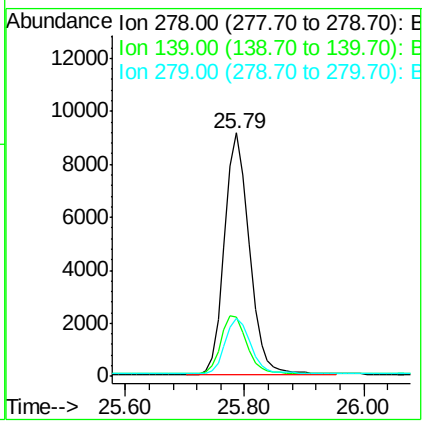


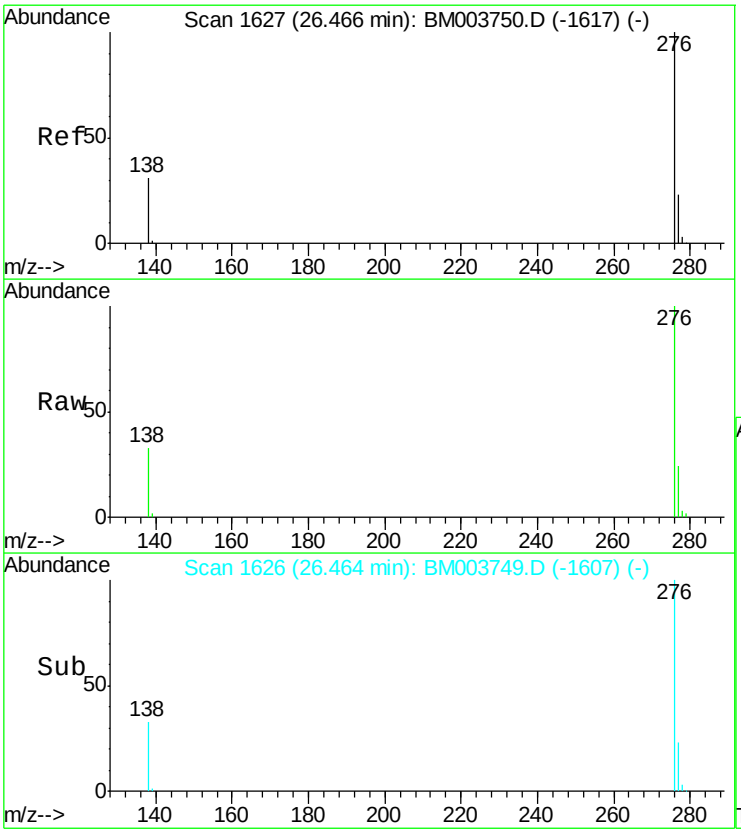
#39
Dibenzo(a,h)anthracene
Concen: 0.66 ng
RT: 25.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 26670

Ion	Ratio	Lower	Upper
278	100		
139	24.6	19.0	28.6
279	24.0	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 0.65 ng
RT: 26.46 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BM003749.D
Acq: 23 Dec 2015 20:09

Tgt Ion:276 Resp: 27816

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	33.4	25.0	37.4