Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010816\
Data File : BM003929.D
Acq On : 08 Jan 2016 19:09
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC001EC

Quant Time: Jan 09 00:30:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 13:33:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	51758	5.00	ng		0.00
7) Naphthalene-d8	10.46	136	217340	5.00	ng		0.00
13) Acenaphthene-d10	14.31	164	113808	5.00	ng		-0.02
19) Phenanthrene-d10	17.07	188	261989	5.00	ng		0.00
26) Chrysene-d12	21.28	240	209015	5.00	ng		0.01
35) Perylene-d12	23.51	264	156888	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	9606	0.91	ng		0.00
5) Phenol-d6	6.85	99	11985	0.92	ng		0.00
8) Nitrobenzene-d5	8.83	82	9123	0.85	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	2400	0.92	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	33079	0.90	ng		0.00
29) Terphenyl-d14	19.71	244	29891	0.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	4529	0.99	ng		96
3) n-Nitrosodimethylamine	3.49	42	4671	0.87	ng		100
6) bis(2-Chloroethyl)ether	7.11	93	11466	0.97	ng		98
9) Nitrobenzene	8.87	77	10492	0.91	ng		99
10) Naphthalene	10.51	128	45864	0.96	ng		96
11) Hexachlorobutadiene	10.80	225	6974	0.96	ng		100
12) 2-Methylnaphthalene	12.13	142	29343	0.91	ng		99
16) Acenaphthylene	14.02	152	43952	0.93	ng		100
17) Acenaphthene	14.38	154	32800	0.99	ng		98
18) Fluorene	15.38	166	37965	0.96	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	9121	1.13	ng	#	72
21) Hexachlorobenzene	16.38	284	10149	1.18	ng	#	78
22) Pentachlorophenol	16.74	266	1760	0.94	ng		88
23) Phenanthrene	17.09	178	59409	1.18	ng		98
24) Anthracene	17.20	178	57427	1.09	ng		99
25) Fluoranthene	19.15	202	60021	1.03	ng		100
27) Benzidine	19.37	184	99	0.13	ng	#	1
28) Pyrene	19.51	202	64918	0.86	ng		100
30) Benzo(a)anthracene	21.26	228	52118	0.88	ng		96
31) 3,3'-Dichlorobenzidine	21.20	252	8578	0.68	ng	#	90
32) Chrysene	21.26	228	52110	0.84	ng	#	88
33) Bis(2-ethylhexyl)phthalate	21.17	149	23740	0.96	ng	#	98
34) Indeno(1,2,3-cd)pyrene	25.76	276	37745	0.85	ng		99
36) Benzo(b)fluoranthene	22.84	252	46502	0.97	ng		99
37) Benzo(k)fluoranthene	22.88	252	41414	0.89	ng		99
38) Benzo(a)pyrene	23.41	252	37587	0.92	ng		100
39) Dibenzo(a,h)anthracene	25.77	278	30095	0.86	ng		98
40) Benzo(g,h,i)perylene	26.45	276	32211	0.87	ng		97

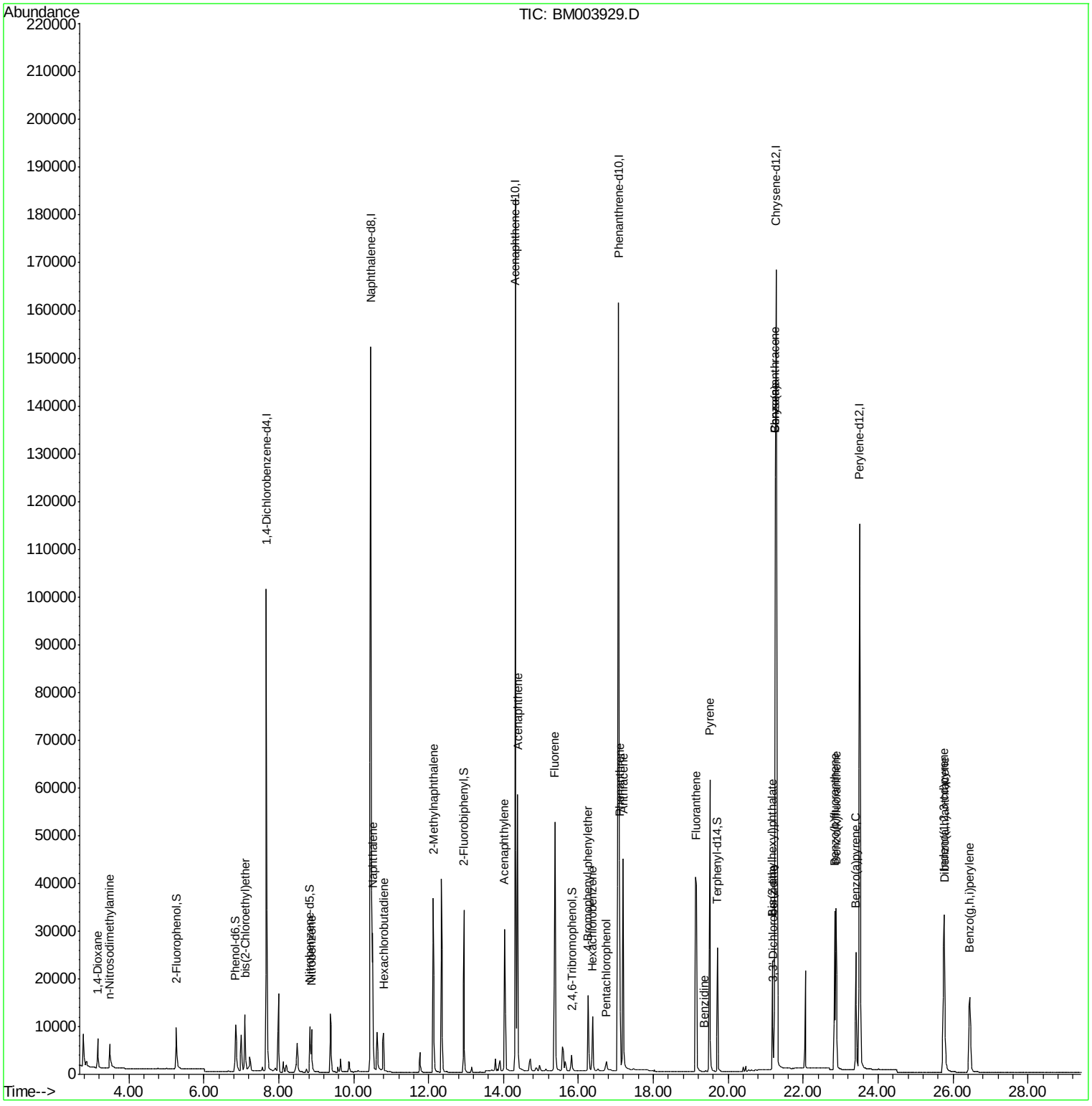
(#) = qualifier out of range (m) = manual integration (+) = signals summed

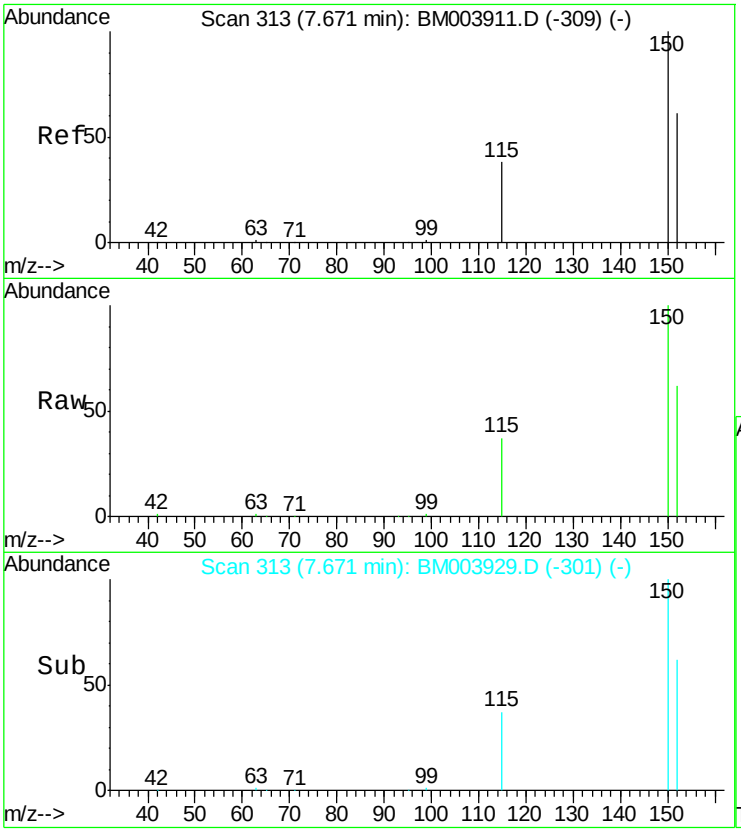
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010816\
Data File : BM003929.D
Acq On : 08 Jan 2016 19:09
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Quant Time: Jan 09 00:30:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 13:33:21 2016
Response via : Initial Calibration



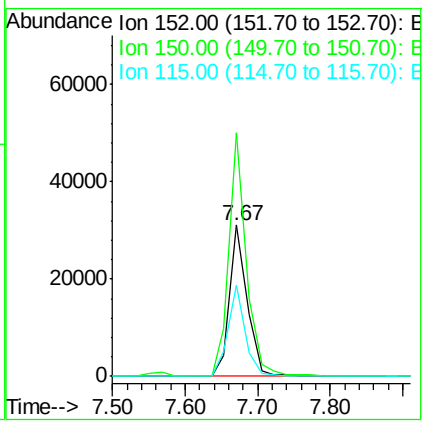


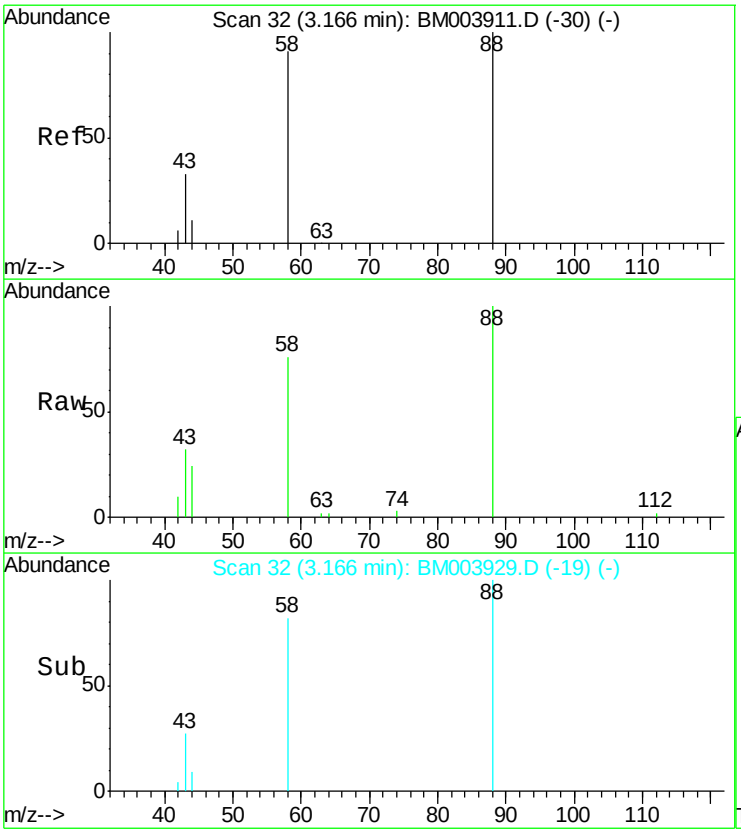
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 51758

Ion	Ratio	Lower	Upper
152	100		
150	160.9	122.9	184.3
115	60.1	44.4	66.6

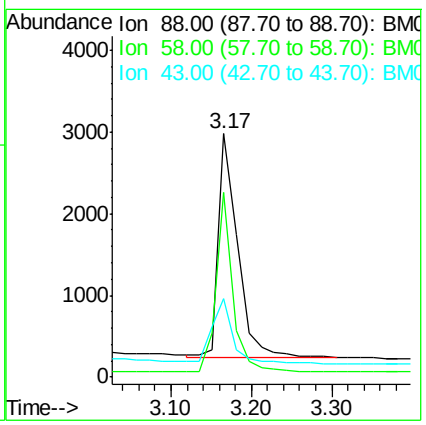


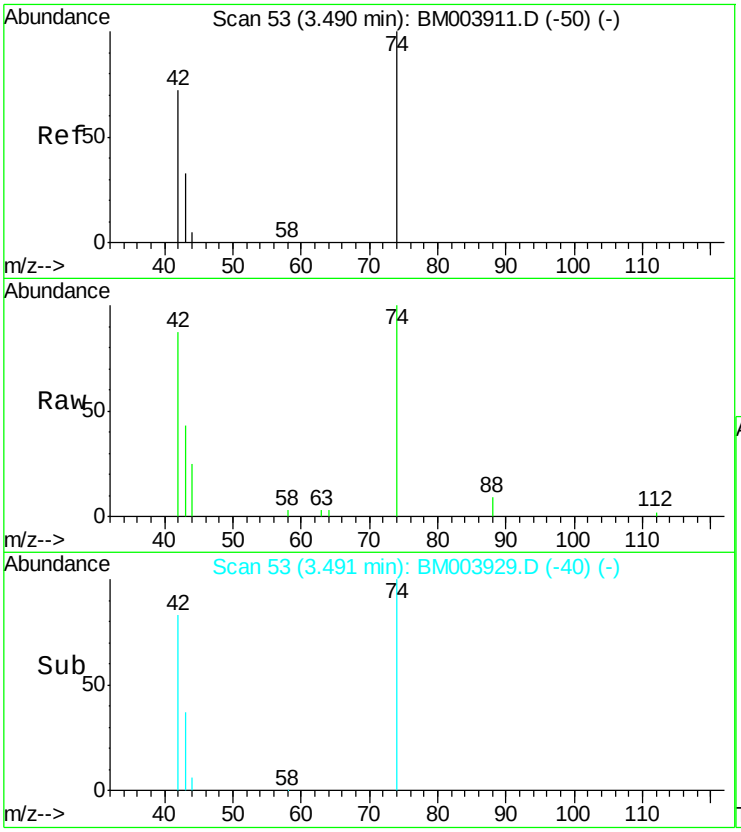


#2
1,4-Dioxane
Concen: 0.99 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion: 88 Resp: 4529

Ion	Ratio	Lower	Upper
88	100		
58	69.8	53.8	80.6
43	32.9	23.8	35.6



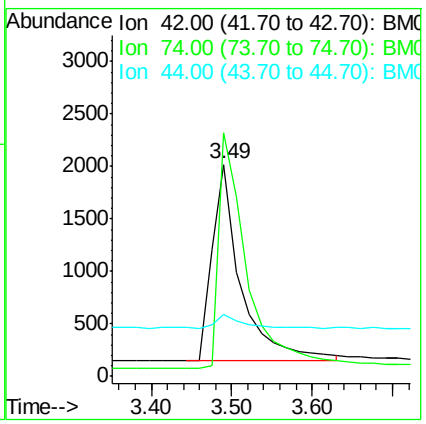


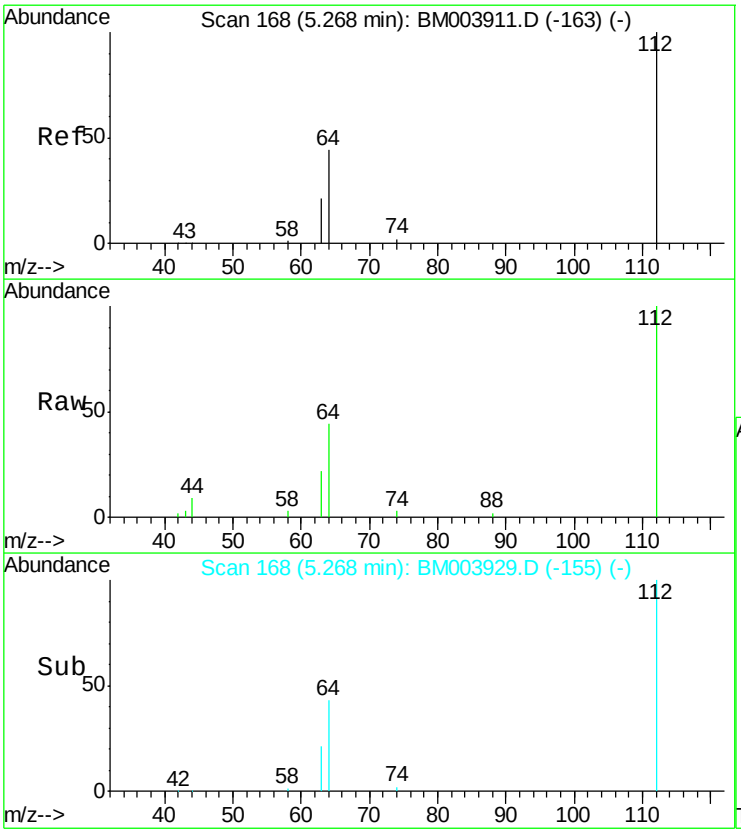
#3
n-Nitrosodimethylamine
Concen: 0.87 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 4671

Ion	Ratio	Lower	Upper
42	100		
74	118.5	95.0	142.4
44	6.4	5.1	7.7

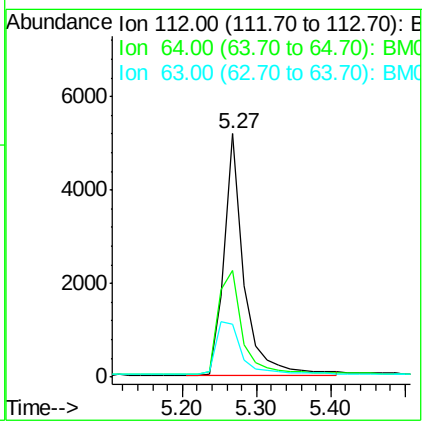


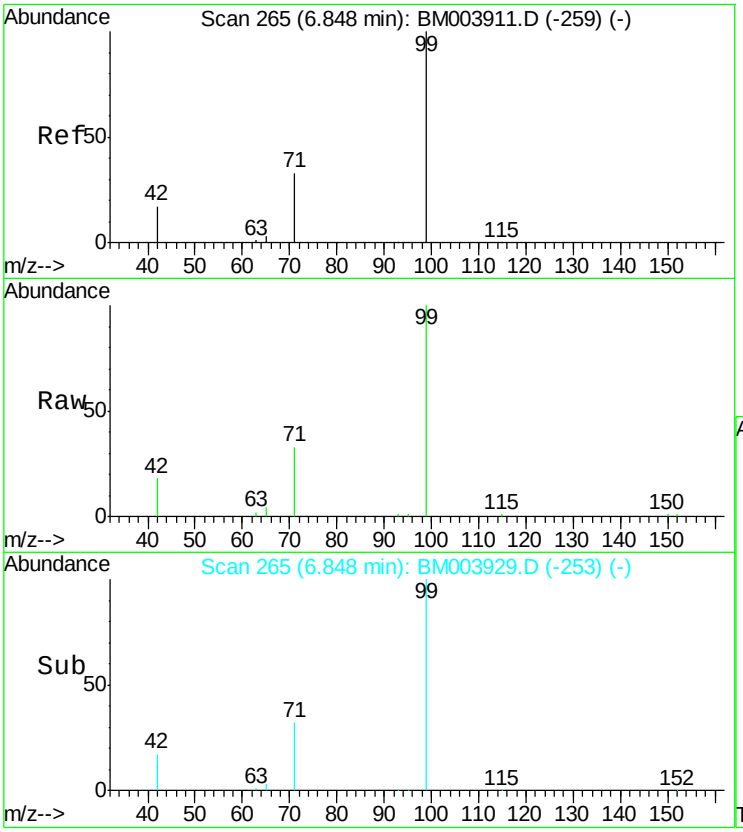


#4
2-Fluorophenol
Concen: 0.91 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:112 Resp: 9606

Ion	Ratio	Lower	Upper
112	100		
64	53.0	41.8	62.8
63	28.2	22.1	33.1



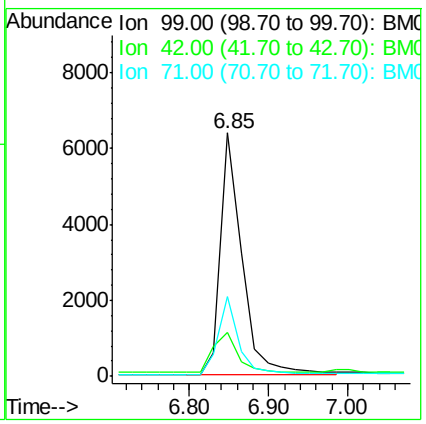


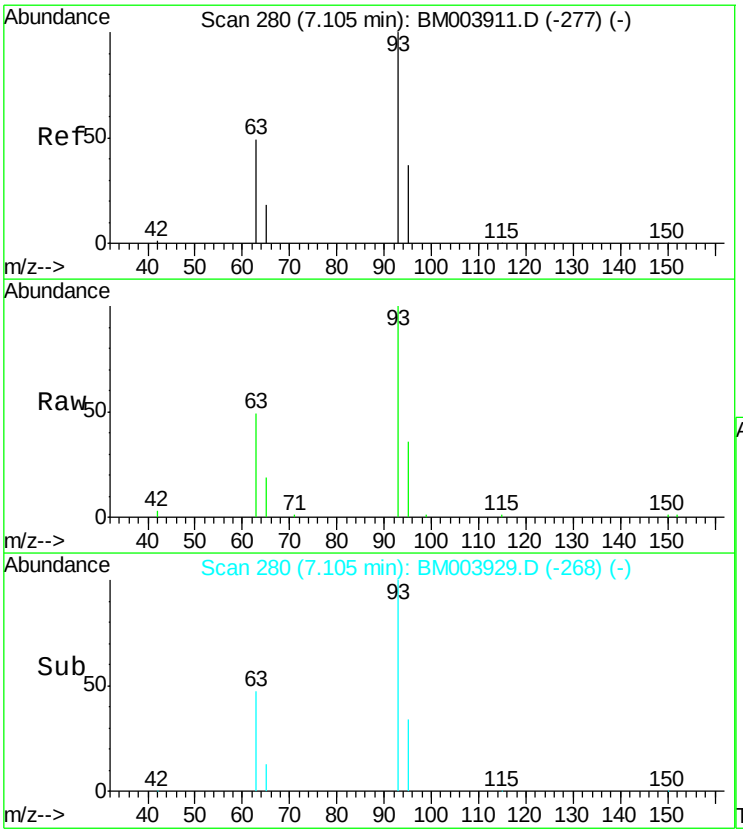
#5
Phenol-d6
Concen: 0.92 ng
RT: 6.85 min Scan# 265
Delta R.T. 0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 11985

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.2	24.2
71	30.6	24.4	36.6

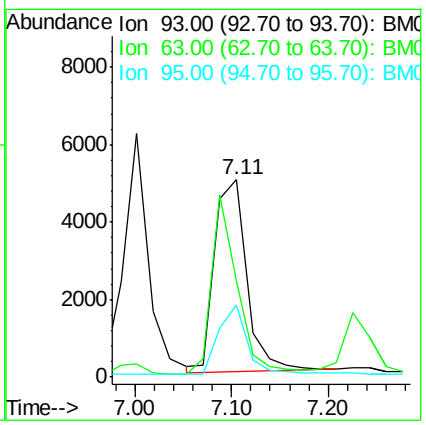


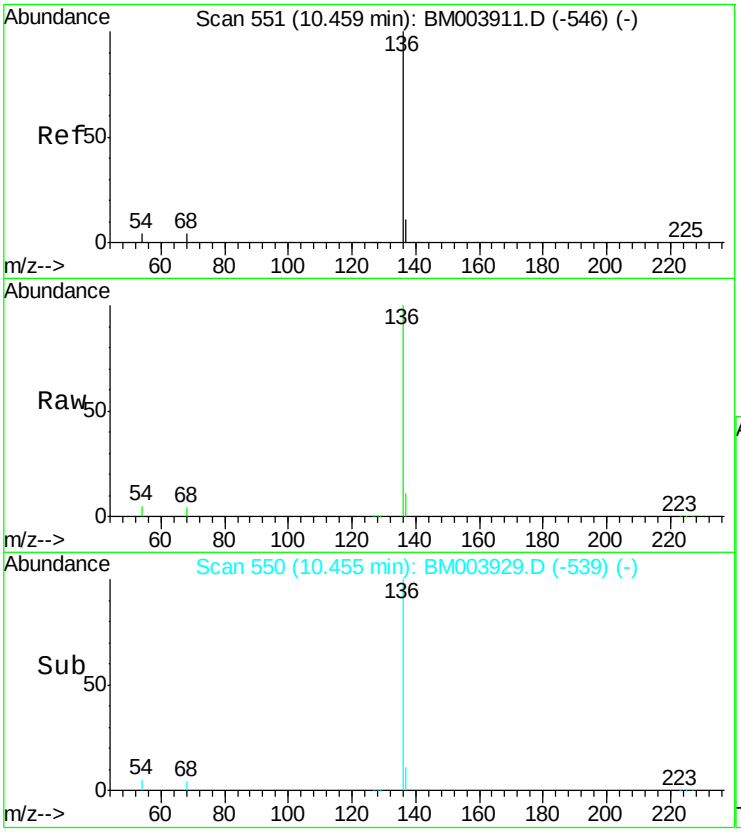


#6
bis(2-Chloroethyl)ether
Concen: 0.97 ng
RT: 7.11 min Scan# 280
Delta R.T. 0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion: 93 Resp: 11466

Ion	Ratio	Lower	Upper
93	100		
63	74.6	58.3	87.5
95	33.9	25.8	38.8



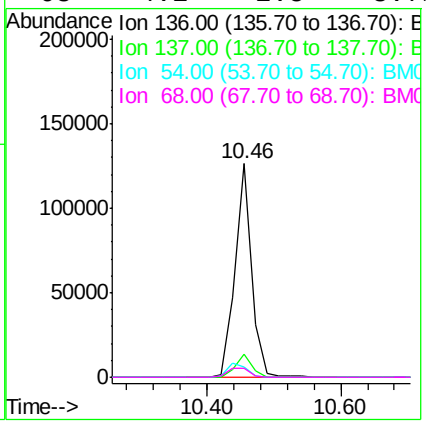


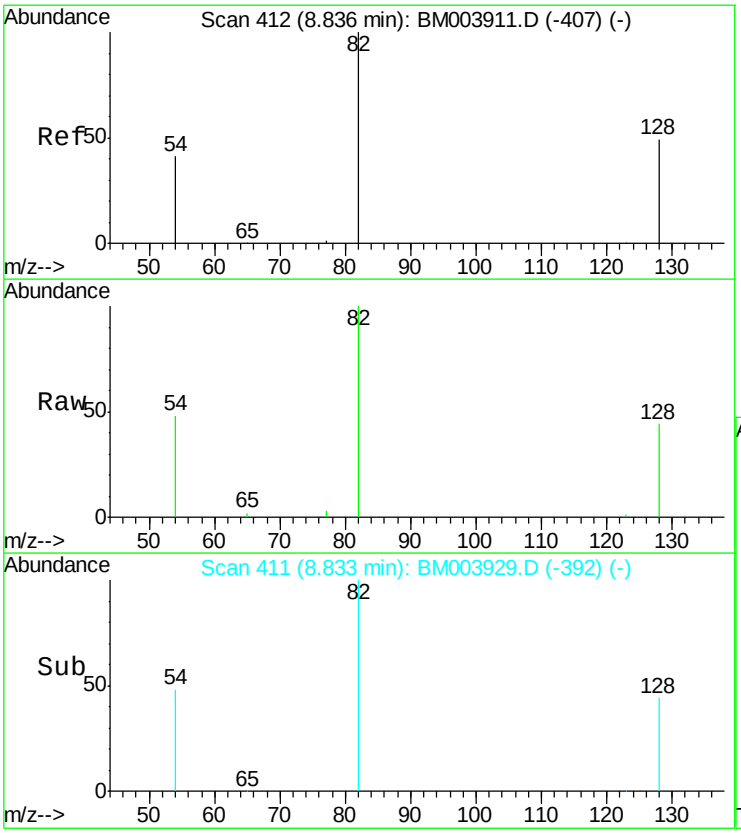
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:136 Resp: 217340

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.1	2.8	4.2#
68	4.2	2.5	3.7#

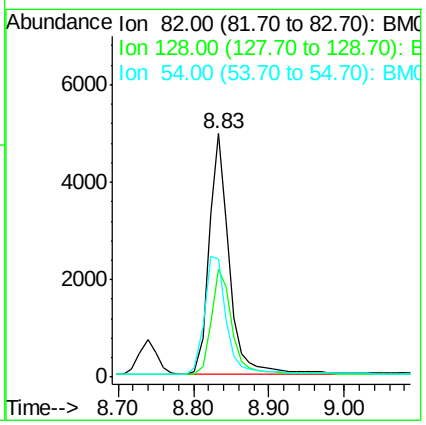


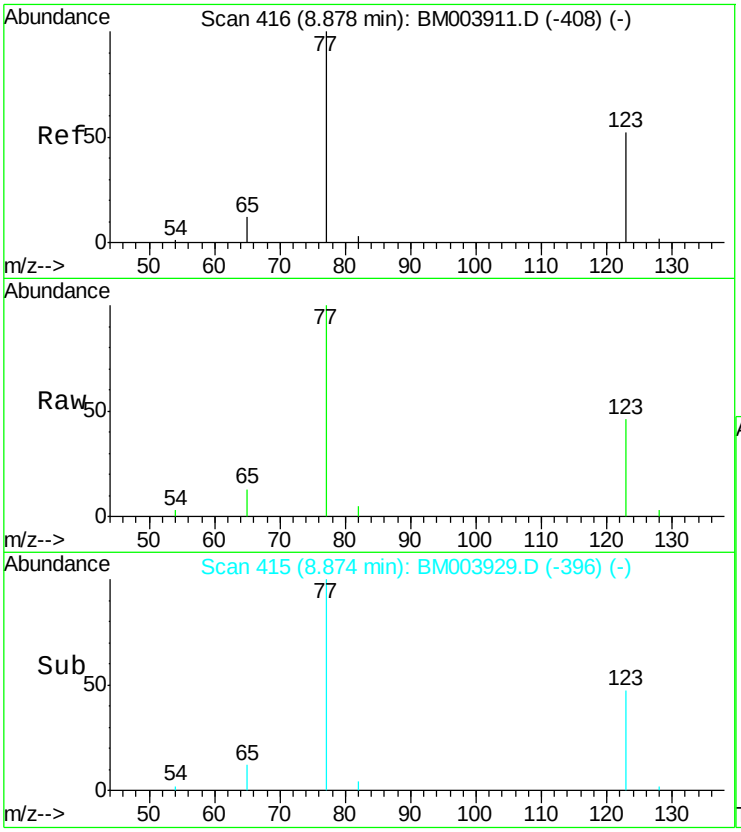


#8
Nitrobenzene-d5
Concen: 0.85 ng
RT: 8.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion: 82 Resp: 9123

Ion	Ratio	Lower	Upper
82	100		
128	44.5	39.1	58.7
54	48.4	34.8	52.2



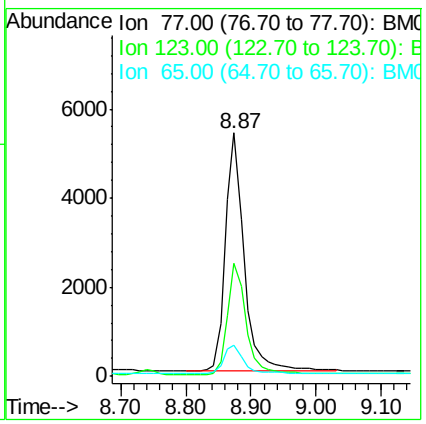


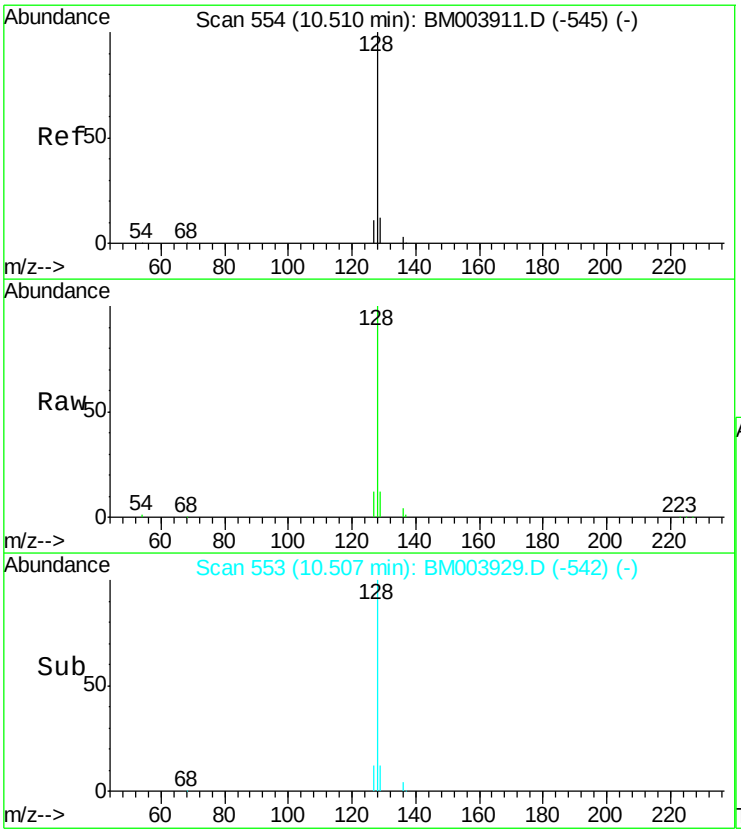
#9
Nitrobenzene
Concen: 0.91 ng
RT: 8.87 min Scan# 415
Delta R.T. -0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 77 Resp: 10492

Ion	Ratio	Lower	Upper
77	100		
123	47.2	38.6	57.8
65	12.5	9.9	14.9

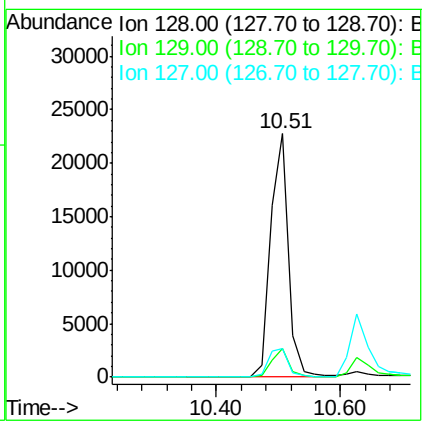


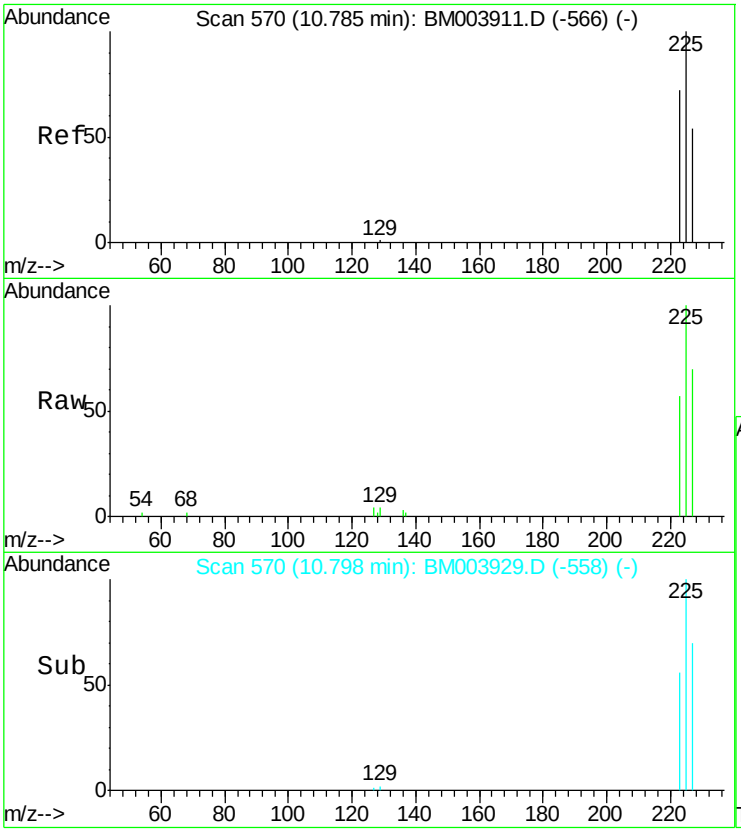


#10
Naphthalene
Concen: 0.96 ng
RT: 10.51 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:128 Resp: 45864

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.5	12.7
127	11.8	11.0	16.4



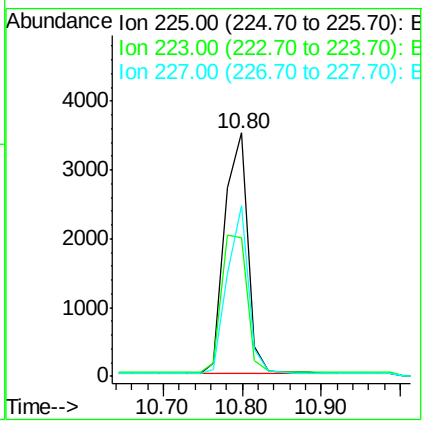


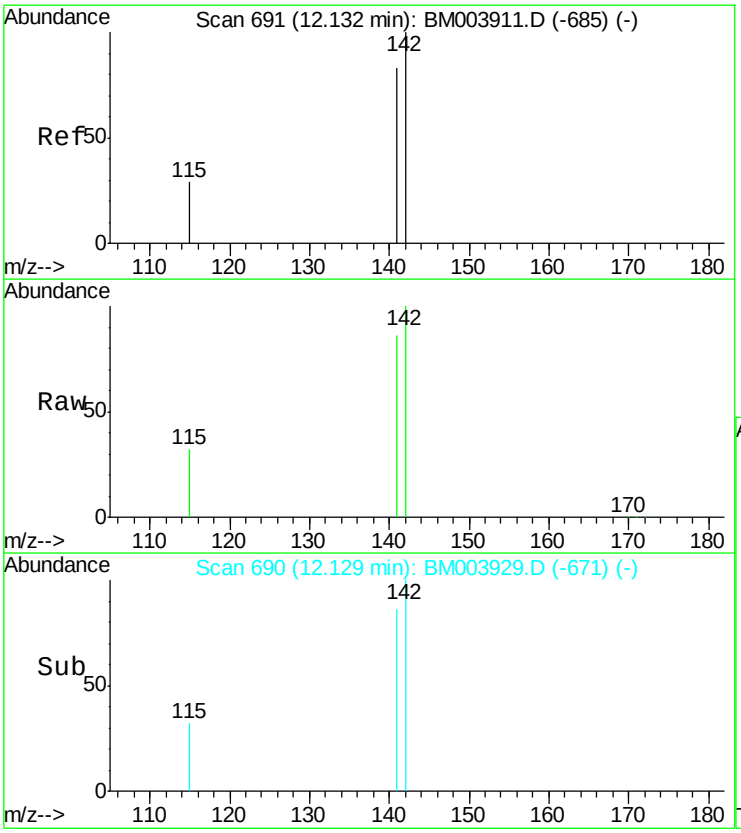
#11
Hexachlorobutadiene
Concen: 0.96 ng
RT: 10.80 min Scan# 570
Delta R.T. 0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:225 Resp: 6974

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.9	76.3
227	63.6	51.2	76.8

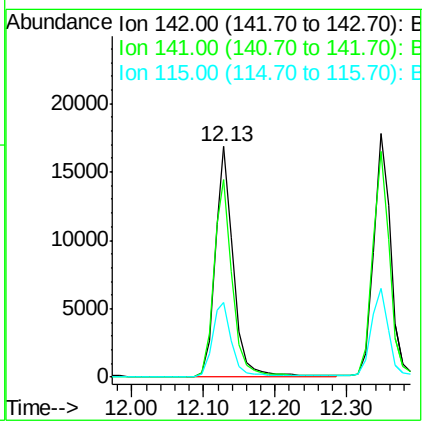


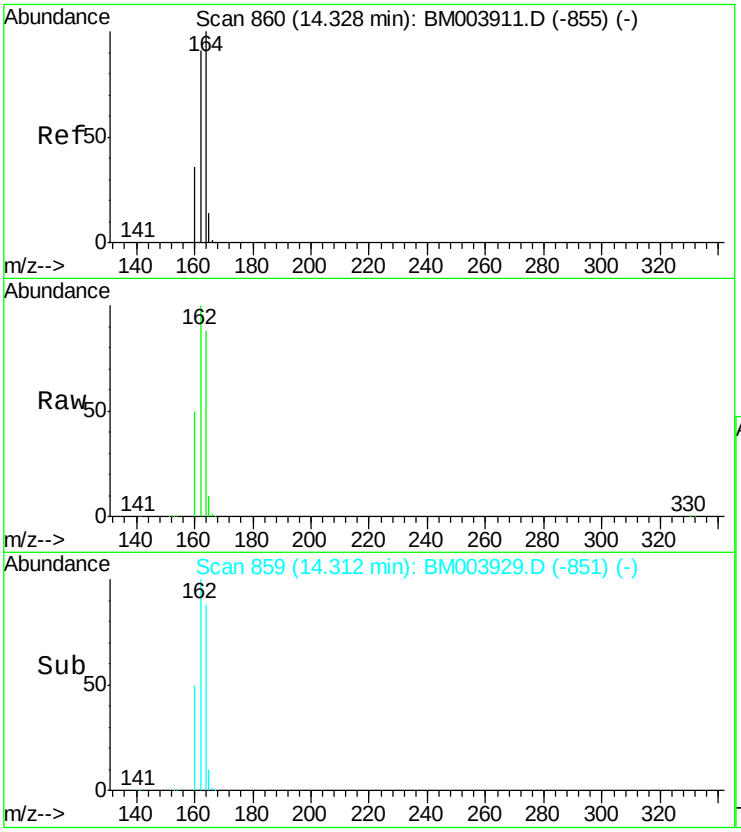


#12
2-Methylnaphthalene
Concen: 0.91 ng
RT: 12.13 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:142 Resp: 29343

Ion	Ratio	Lower	Upper
142	100		
141	85.6	67.8	101.8
115	32.3	25.3	37.9



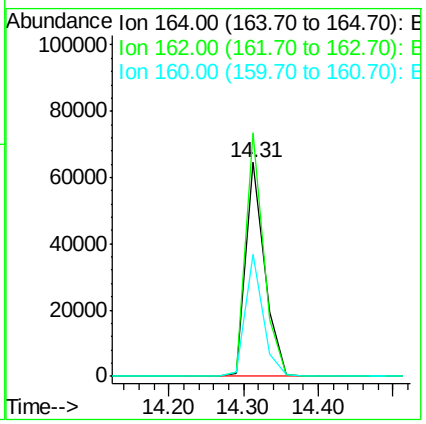


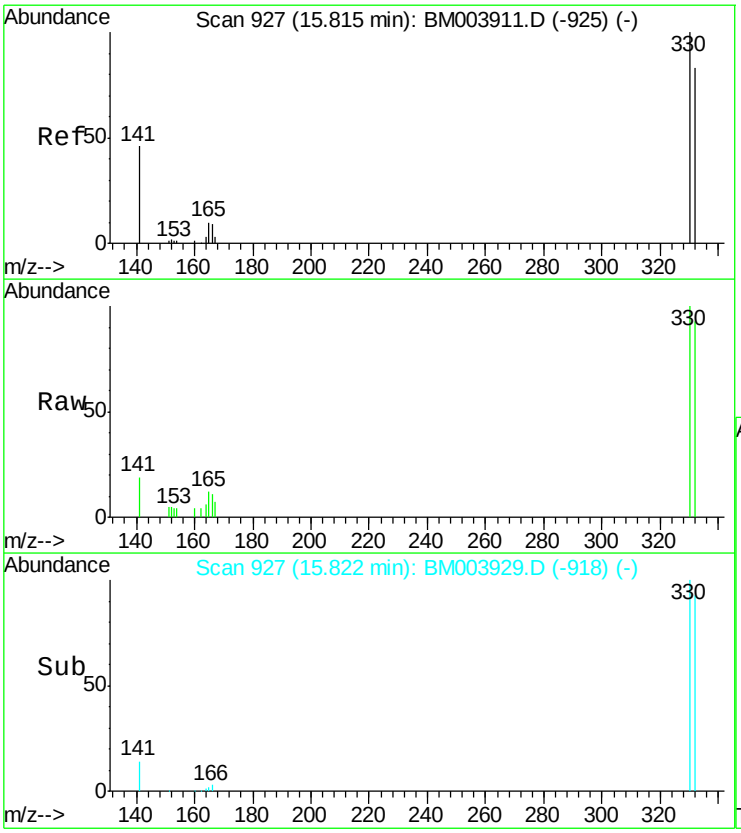
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.31 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:164 Resp: 113808

Ion	Ratio	Lower	Upper
164	100		
162	113.8	86.0	129.0
160	56.9	40.3	60.5

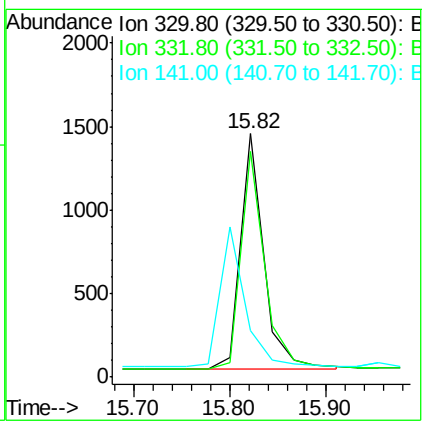


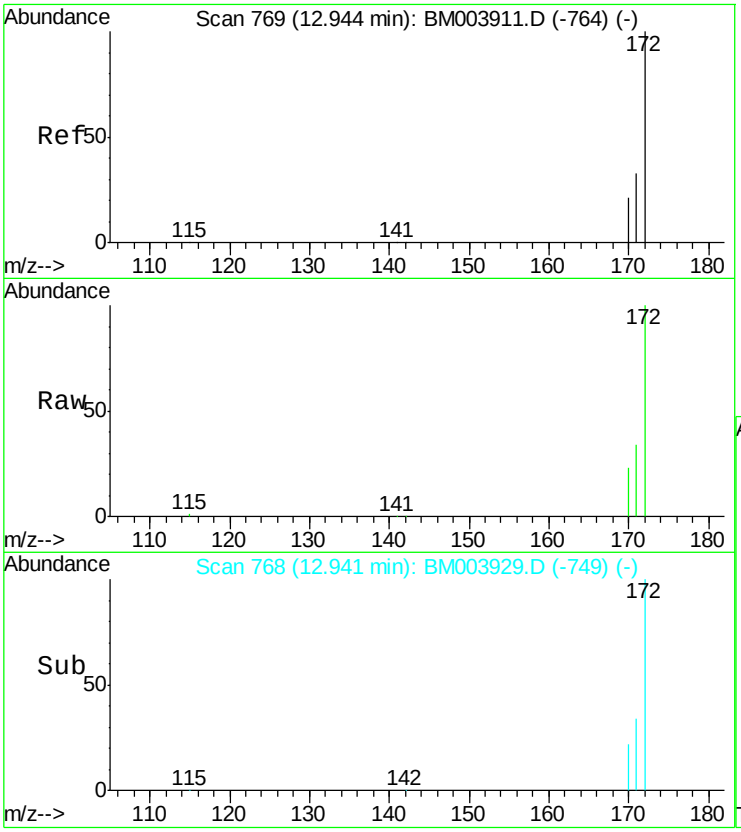


#14
2,4,6-Tribromophenol
Concen: 0.92 ng
RT: 15.82 min Scan# 927
Delta R.T. 0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:330 Resp: 2400

Ion	Ratio	Lower	Upper
330	100		
332	94.8	79.0	118.4
141	0.0	0.0	0.0



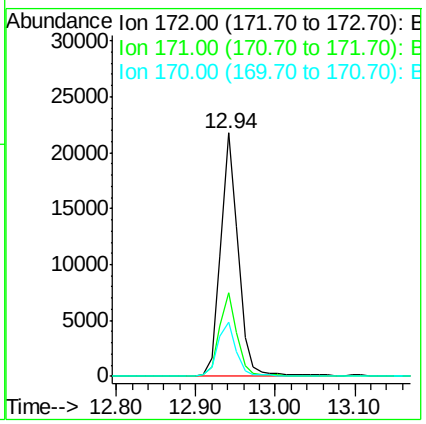


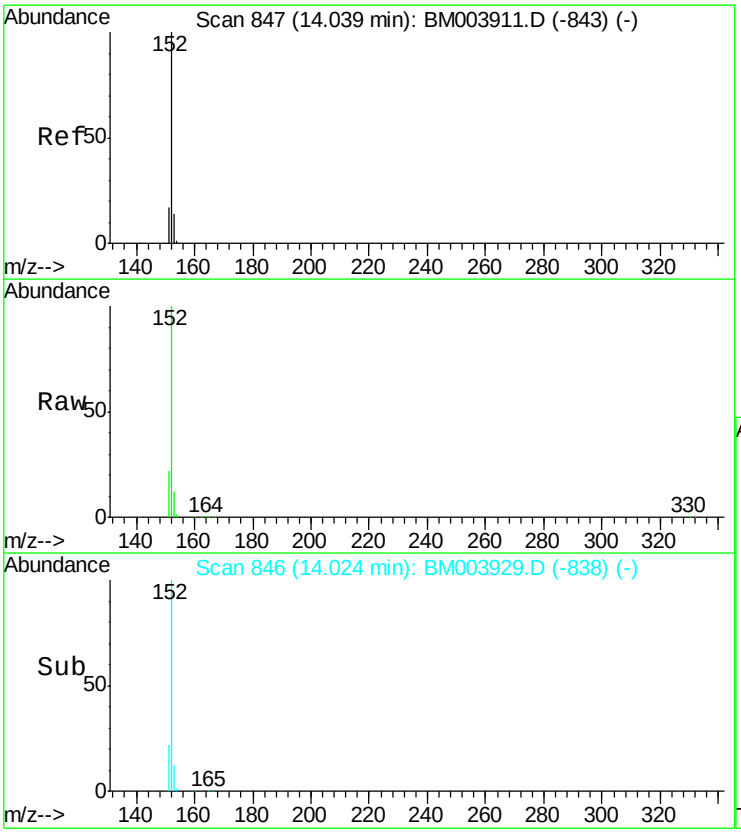
#15
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.94 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:172 Resp: 33079

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.0	40.6
170	22.5	17.9	26.9

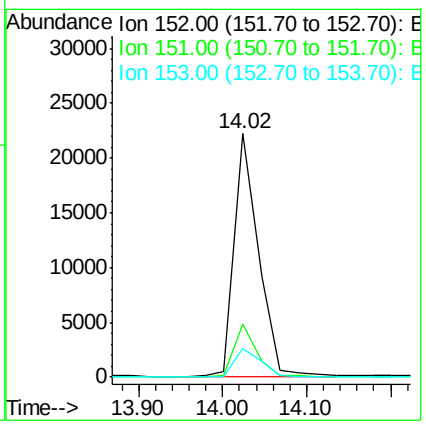


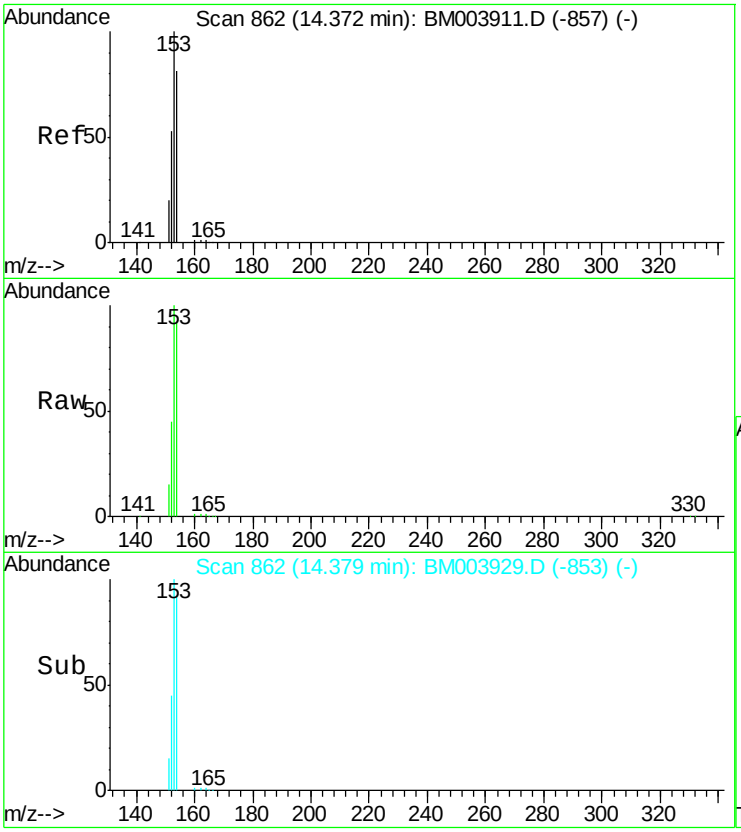


#16
Acenaphthylene
Concen: 0.93 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.02 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:152 Resp: 43952

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.8	10.2	15.4



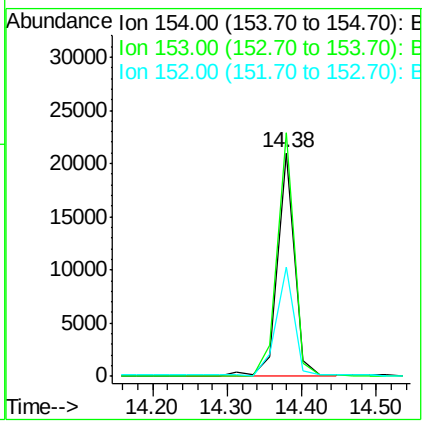


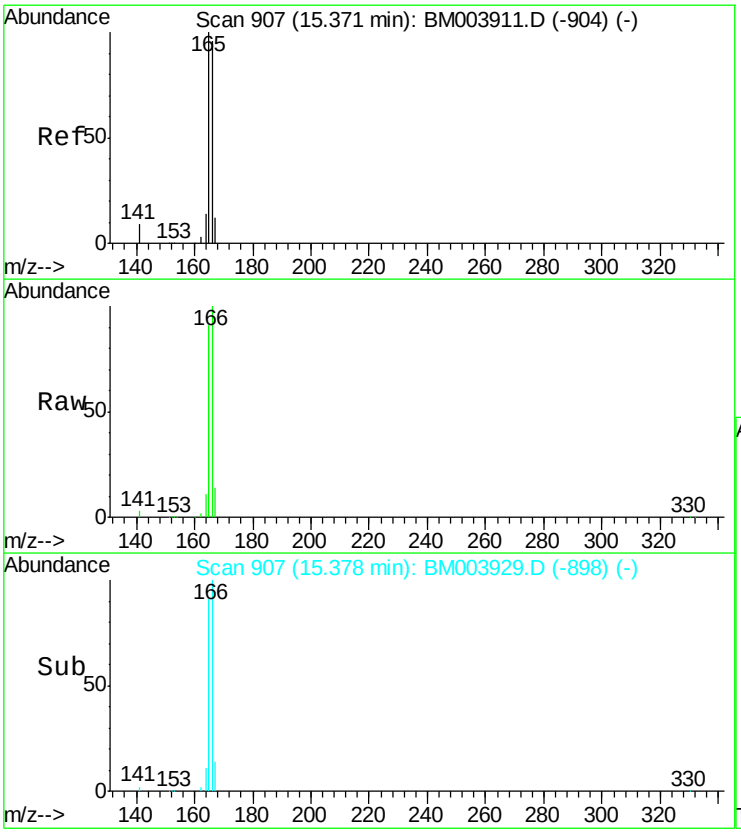
#17
Acenaphthene
Concen: 0.99 ng
RT: 14.38 min Scan# 862
Delta R.T. 0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:154 Resp: 32800

Ion	Ratio	Lower	Upper
154	100		
153	109.7	85.4	128.2
152	51.4	40.6	60.8

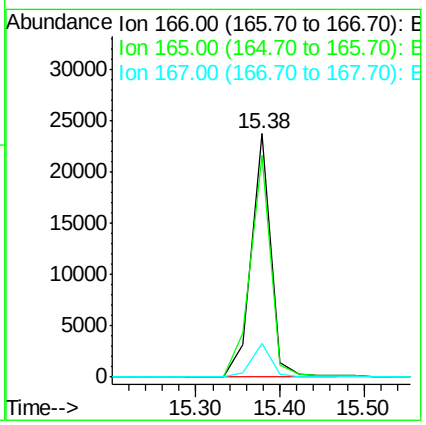


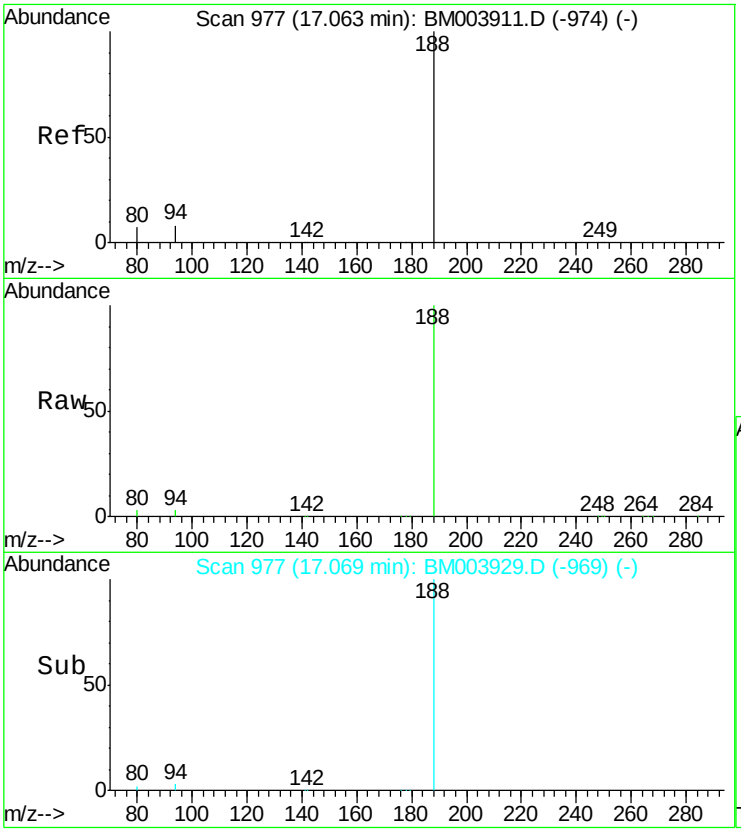


#18
Fluorene
Concen: 0.96 ng
RT: 15.38 min Scan# 907
Delta R.T. 0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:166 Resp: 37965

Ion	Ratio	Lower	Upper
166	100		
165	95.6	77.2	115.8
167	13.6	11.0	16.6



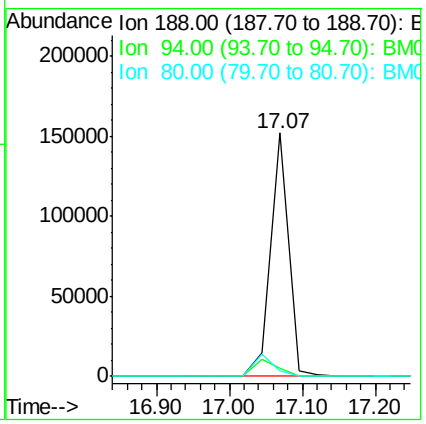


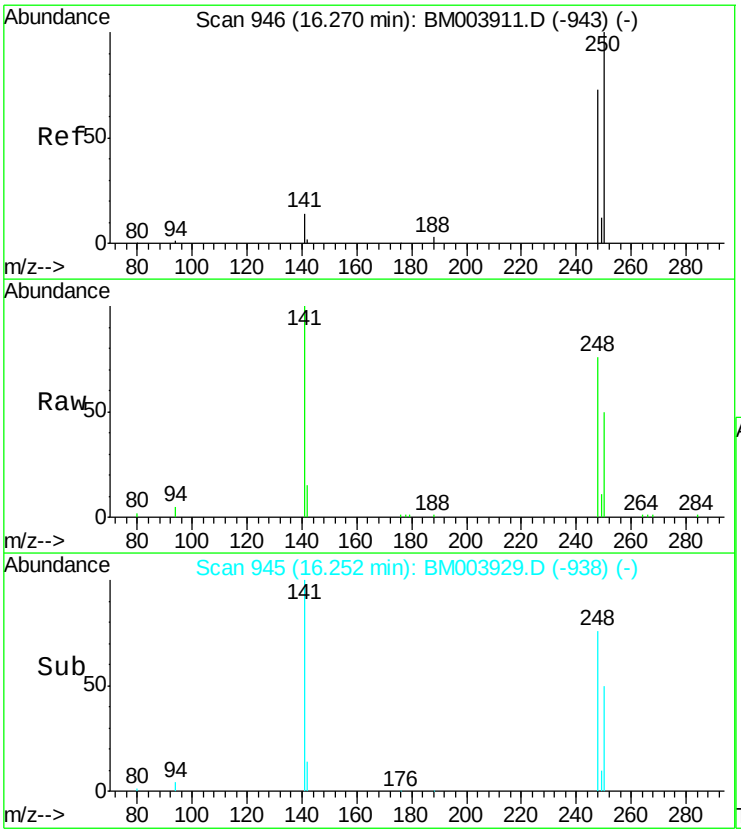
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.07 min Scan# 977
Delta R.T. 0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:188 Resp: 261989

Ion	Ratio	Lower	Upper
188	100		
94	3.1	20.3	30.5#
80	2.5	22.2	33.4#

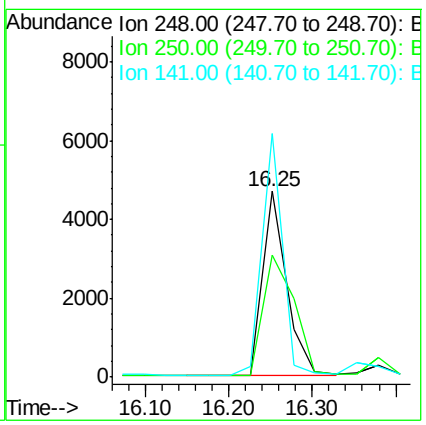


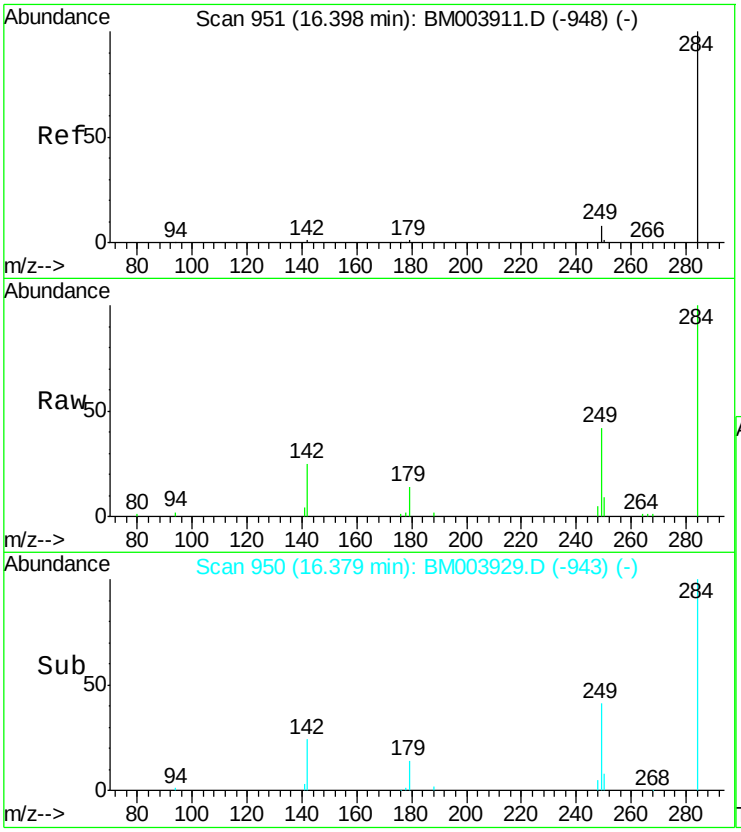


#20
4-Bromophenyl-phenylether
Concen: 1.13 ng
RT: 16.25 min Scan# 945
Delta R.T. -0.02 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:248 Resp: 9121

Ion	Ratio	Lower	Upper
248	100		
250	86.7	75.0	112.4
141	112.0	53.0	79.4#



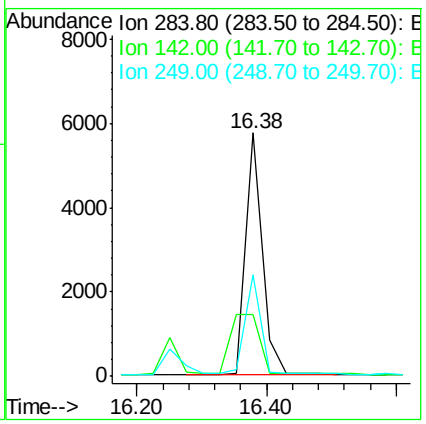


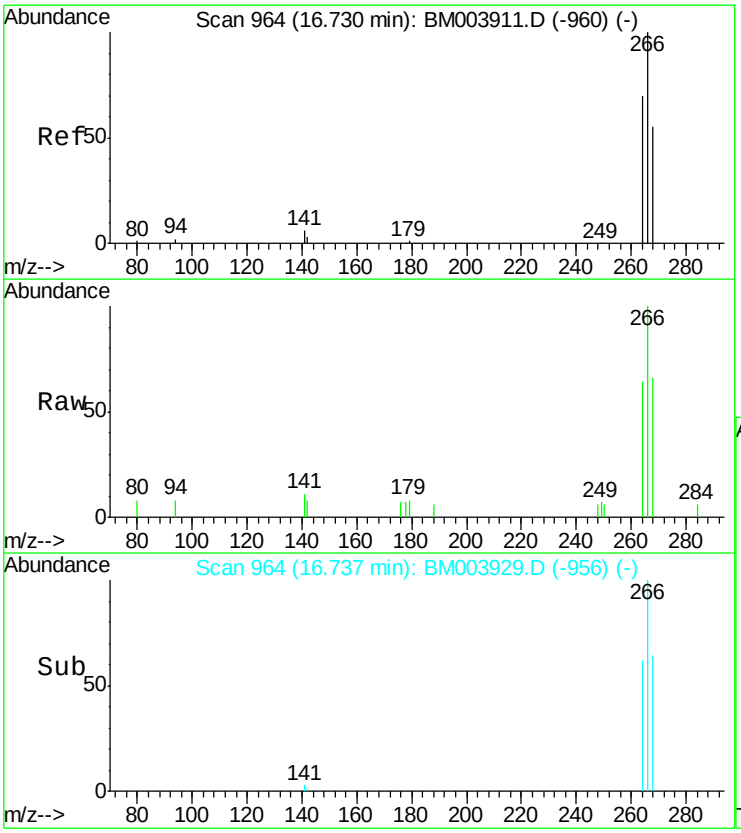
#21
Hexachlorobenzene
Concen: 1.18 ng
RT: 16.38 min Scan# 950
Delta R.T. -0.02 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:284 Resp: 10149

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	38.3	21.5	32.3#

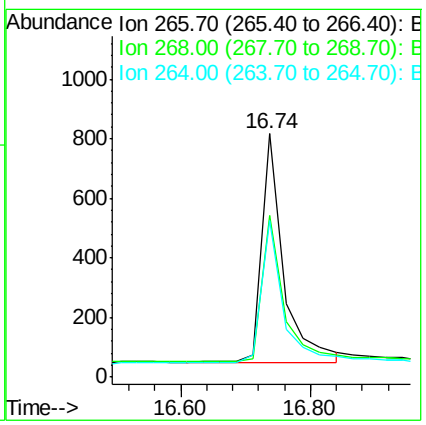


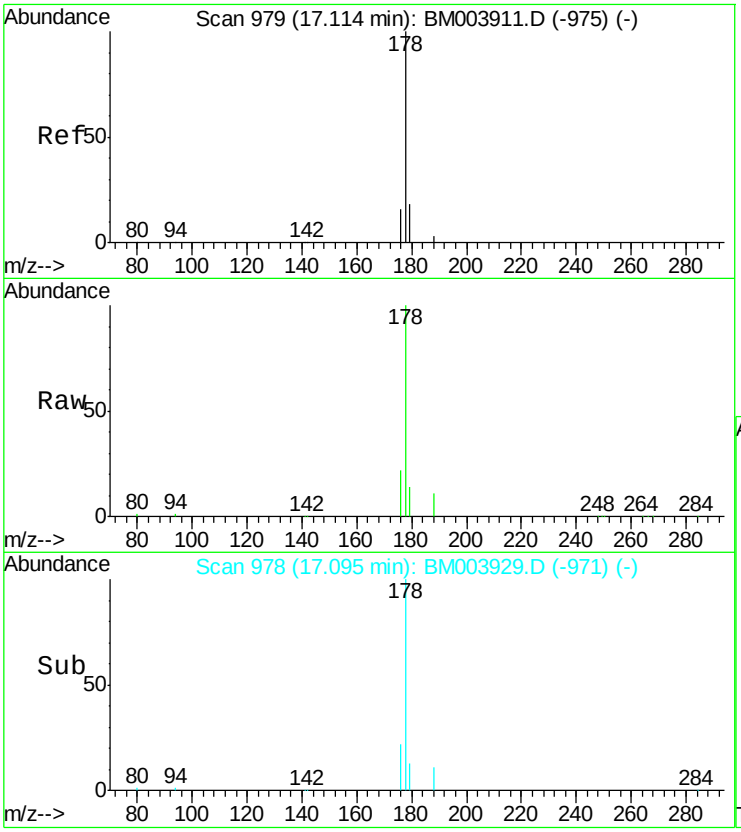


#22
Pentachlorophenol
Concen: 0.94 ng
RT: 16.74 min Scan# 964
Delta R.T. 0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:266 Resp: 1760

Ion	Ratio	Lower	Upper
266	100		
268	66.3	62.7	94.1
264	64.1	45.7	68.5



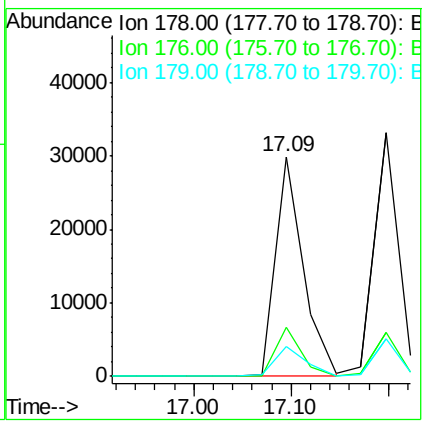


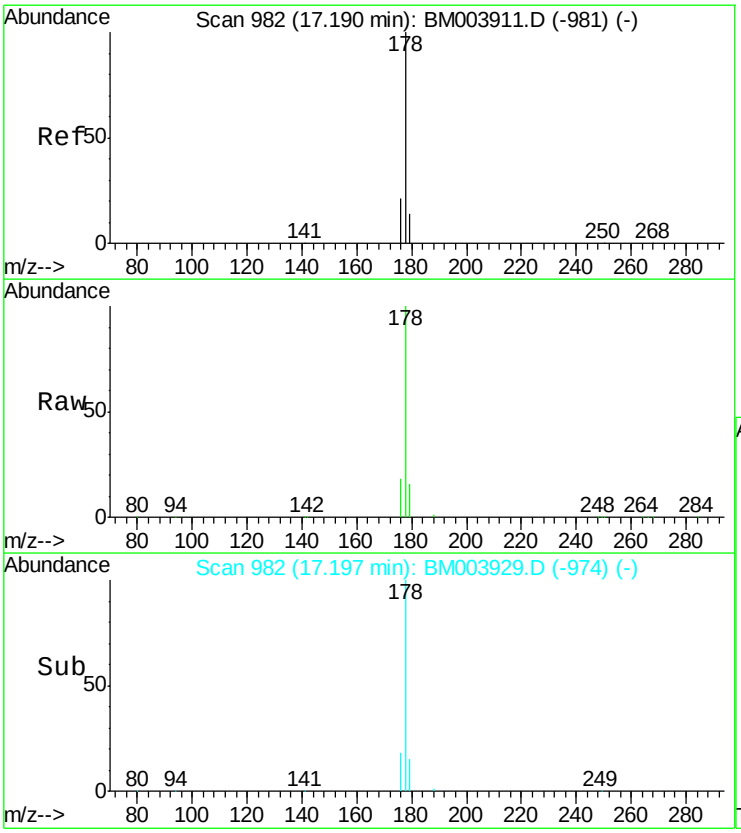
#23
Phenanthrene
Concen: 1.18 ng
RT: 17.09 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 59409

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.0
179	15.0	12.2	18.4

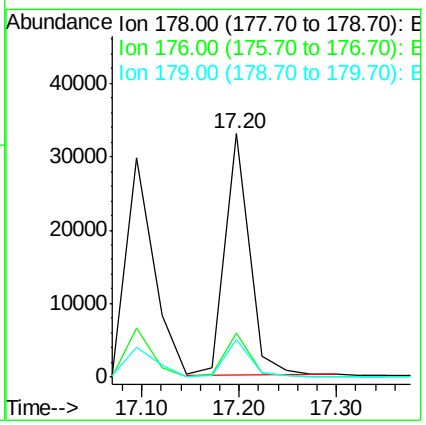


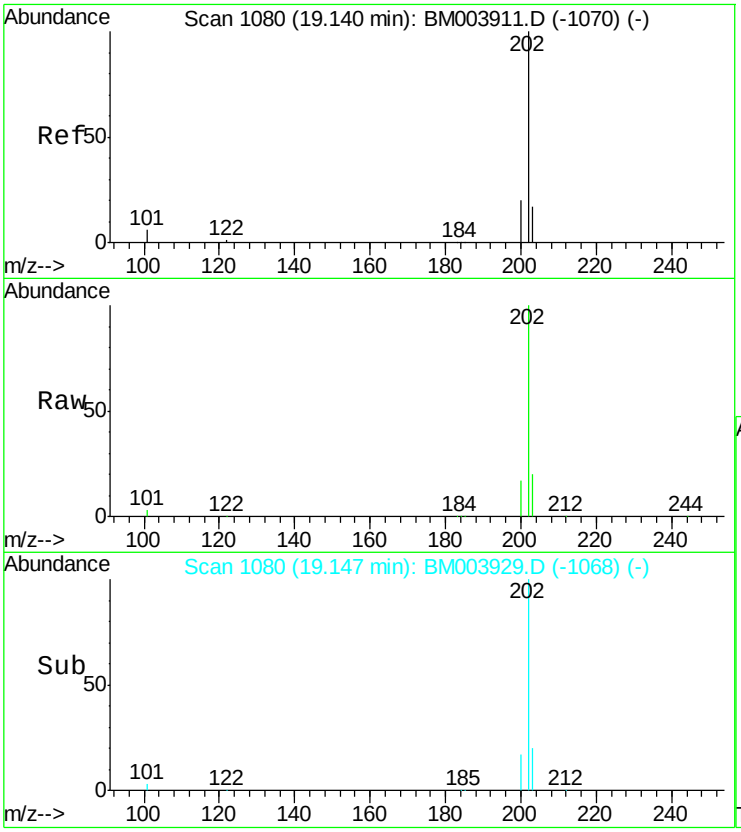


#24
Anthracene
Concen: 1.09 ng
RT: 17.20 min Scan# 982
Delta R.T. 0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:178 Resp: 57427

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.6	19.0



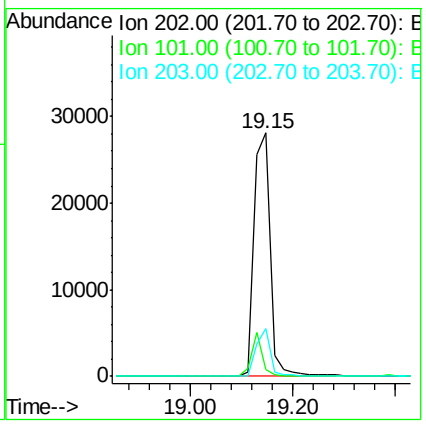


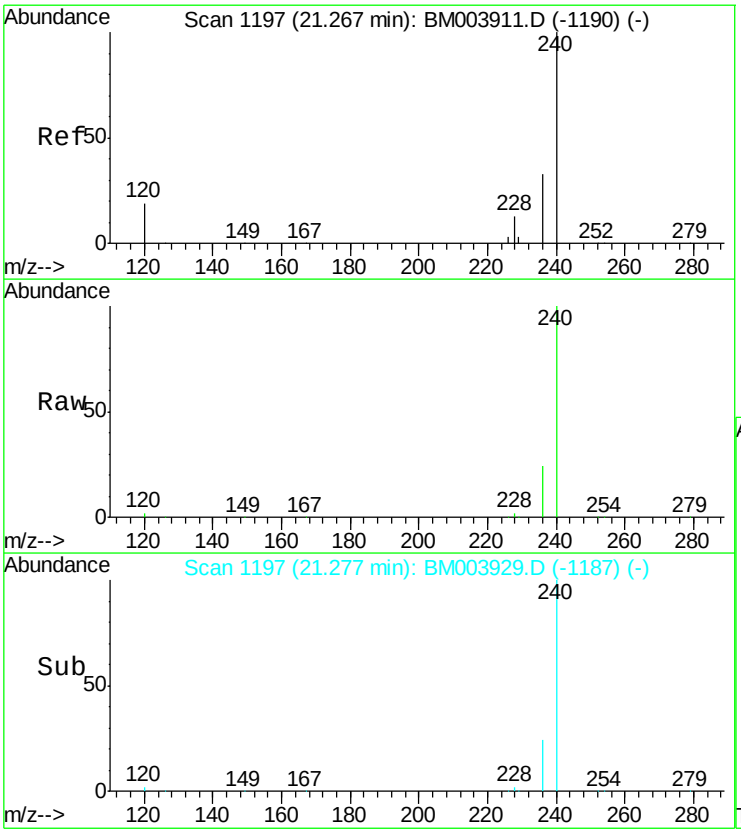
#25
Fluoranthene
Concen: 1.03 ng
RT: 19.15 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:202 Resp: 60021

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
203	17.2	13.8	20.8

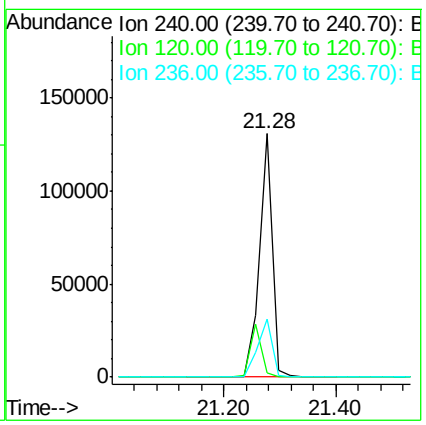


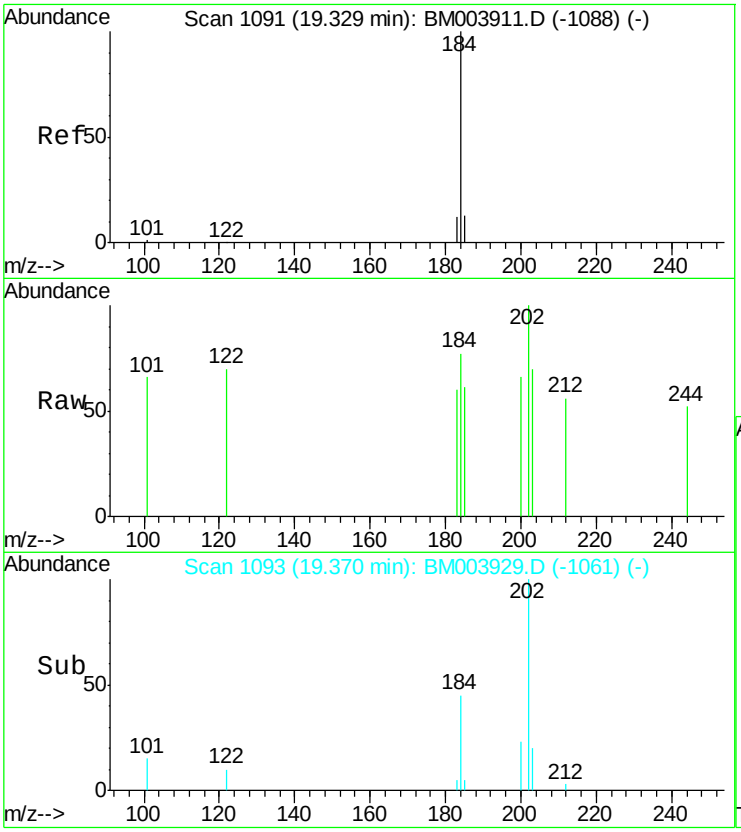


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:240 Resp: 209015

Ion	Ratio	Lower	Upper
240	100		
120	1.9	0.9	1.3#
236	23.8	17.3	25.9



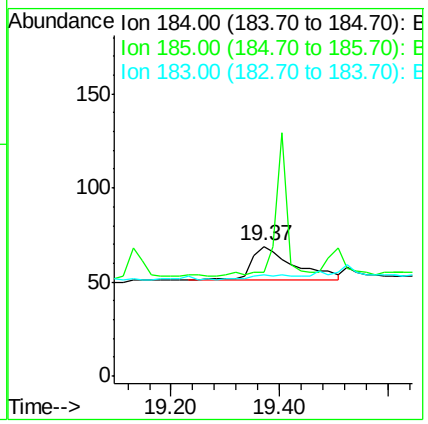


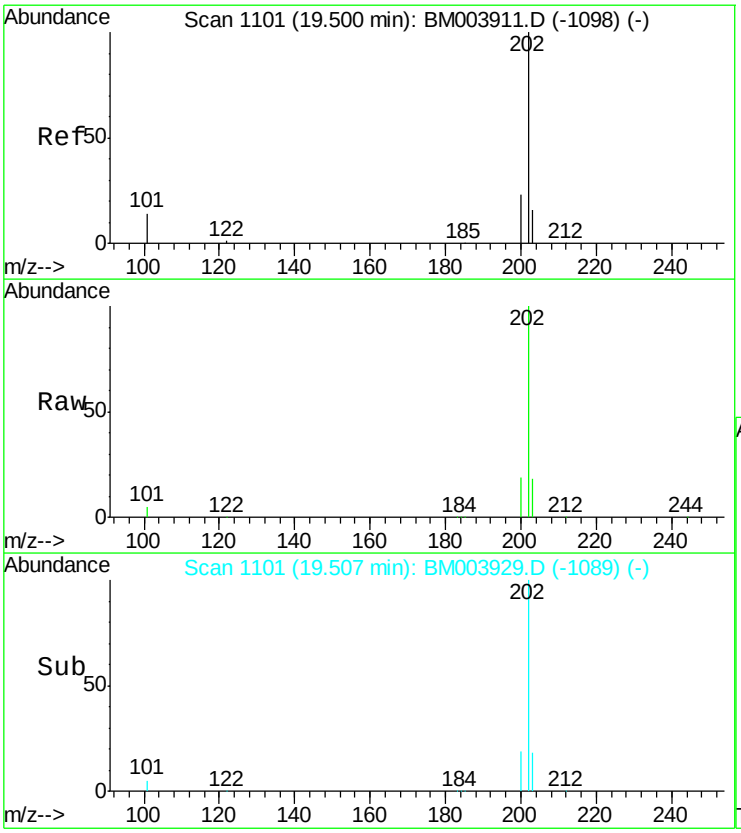
#27
Benzidine
Concen: 0.13 ng
RT: 19.37 min Scan# 1093
Delta R.T. 0.04 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:184 Resp: 99

Ion	Ratio	Lower	Upper
184	100		
185	79.7	13.2	19.8#
183	78.3	9.0	13.6#

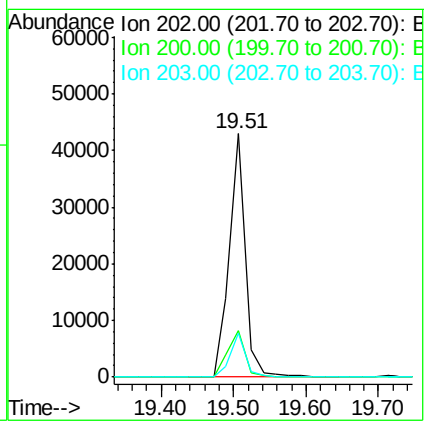


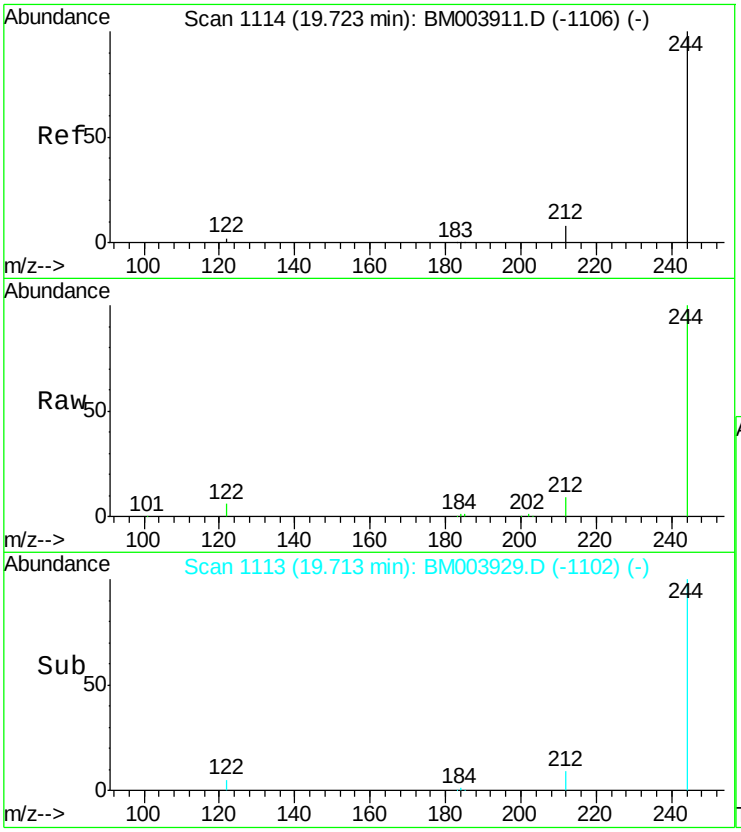


#28
Pyrene
Concen: 0.86 ng
RT: 19.51 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:202 Resp: 64918

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.4	14.0	21.0



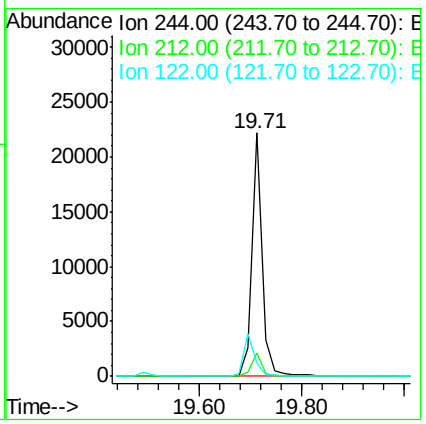


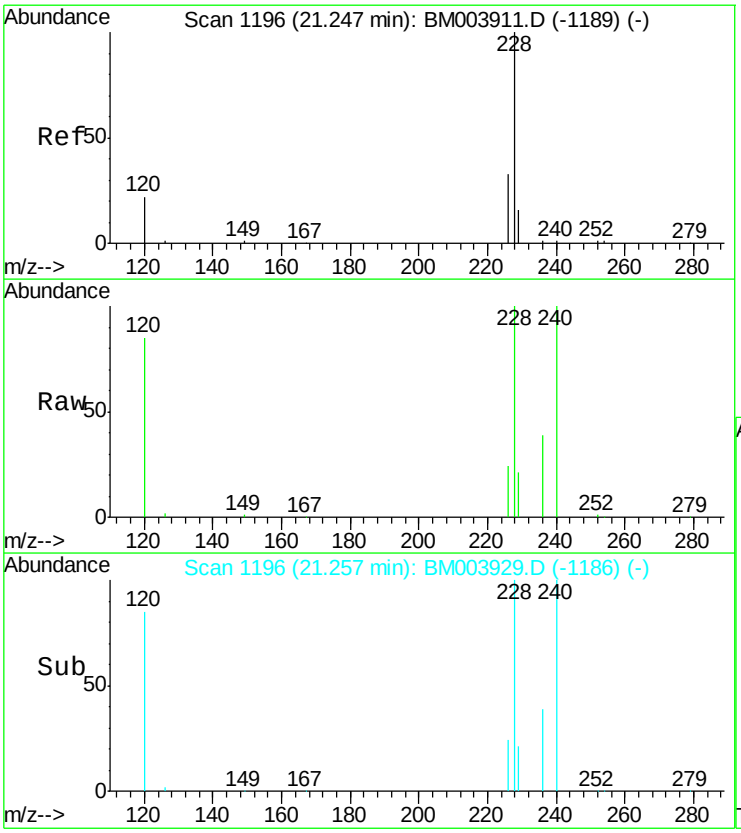
#29
Terphenyl-d14
Concen: 0.88 ng
RT: 19.71 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 29891

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	5.5	3.0	4.6#

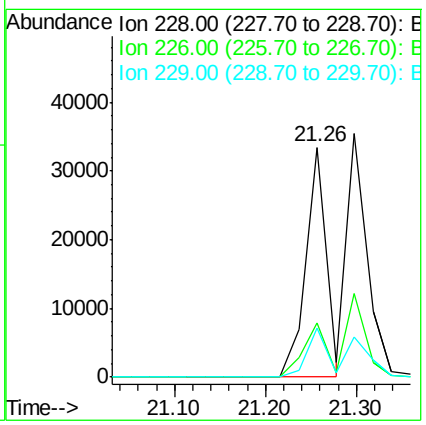


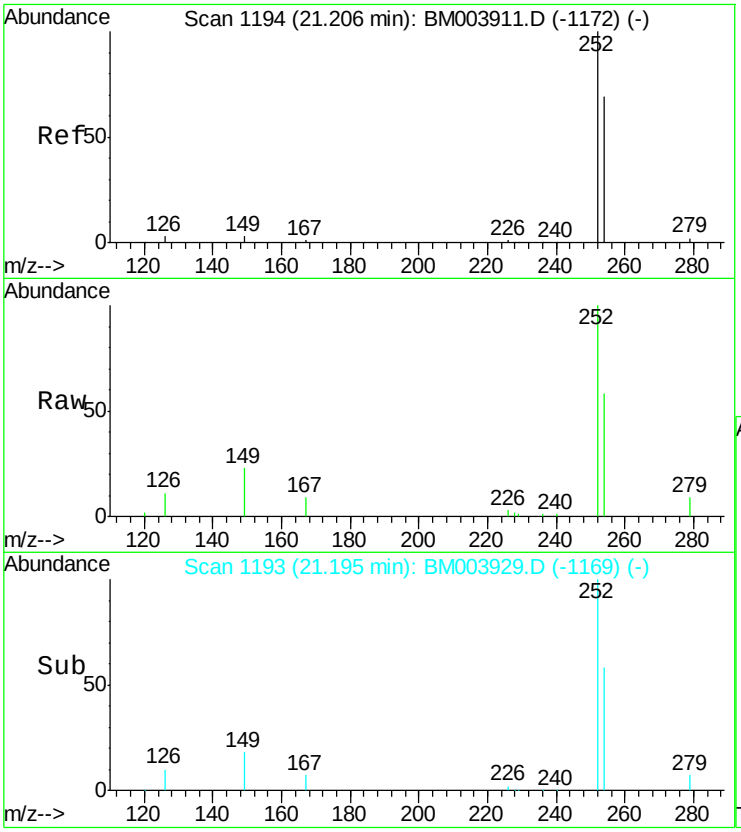


#30
Benzo(a)anthracene
Concen: 0.88 ng
RT: 21.26 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:228 Resp: 52118

Ion	Ratio	Lower	Upper
228	100		
226	23.7	17.2	25.8
229	21.4	18.7	28.1



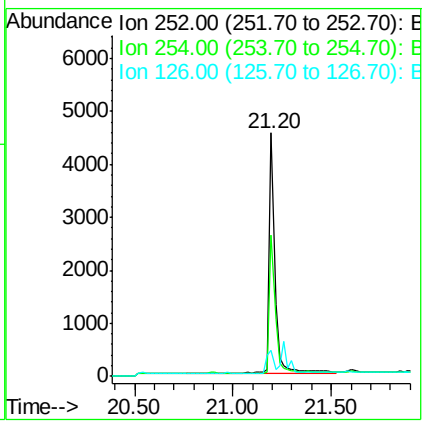


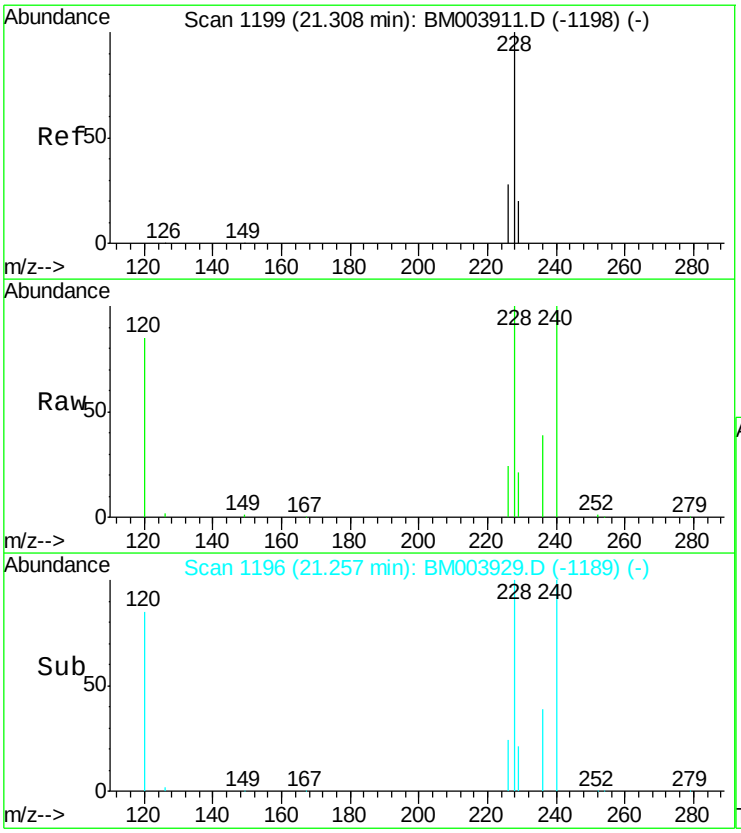
#31
3,3'-Dichlorobenzidine
Concen: 0.68 ng
RT: 21.20 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 8578

Ion	Ratio	Lower	Upper
252	100		
254	58.0	52.6	79.0
126	10.8	3.7	5.5#

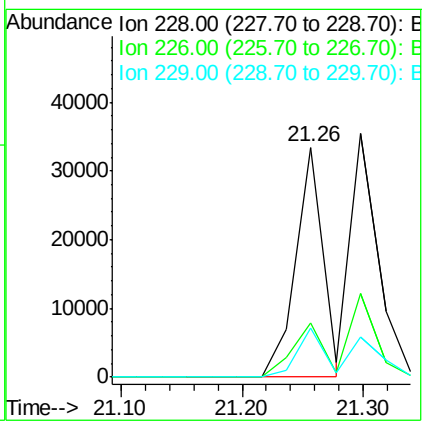


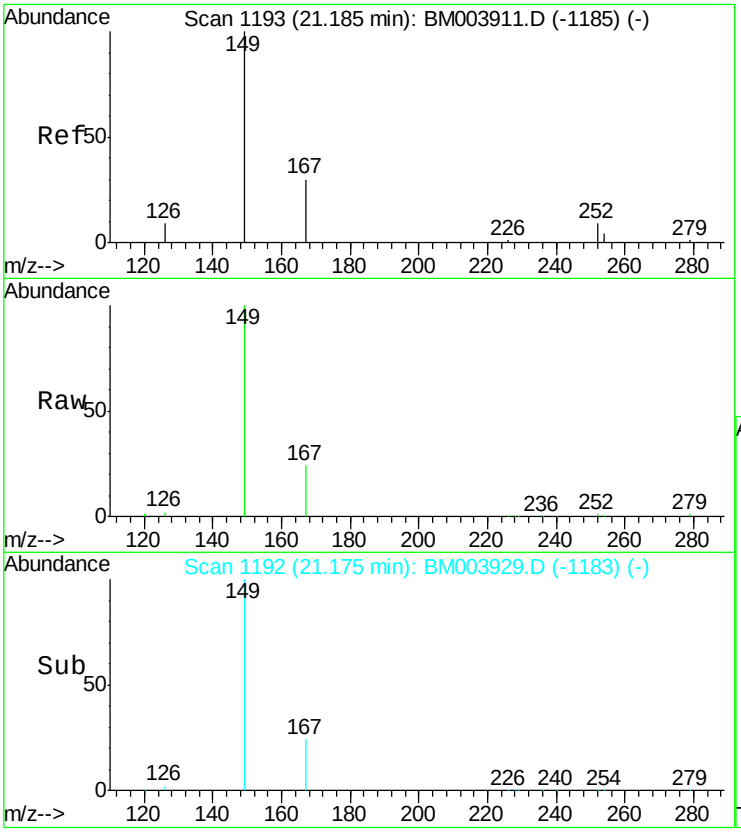


#32
Chrysene
Concen: 0.84 ng
RT: 21.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:228 Resp: 52110

Ion	Ratio	Lower	Upper
228	100		
226	23.7	25.3	37.9#
229	21.4	14.5	21.7



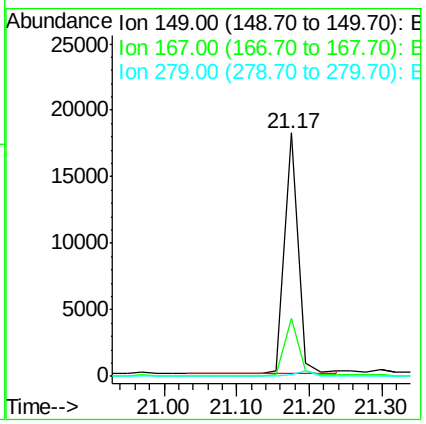


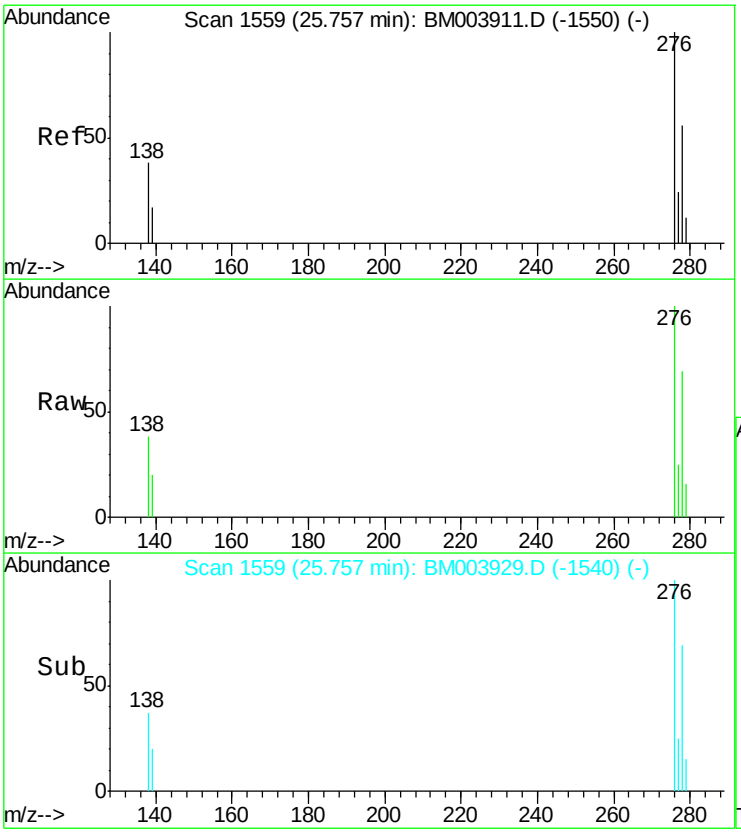
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.96 ng
RT: 21.17 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:149 Resp: 23740

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.1	30.1
279	0.0	0.0	0.0

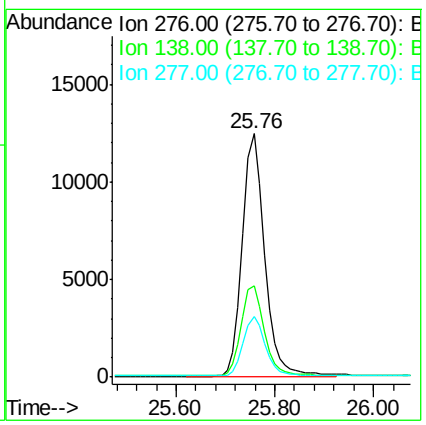


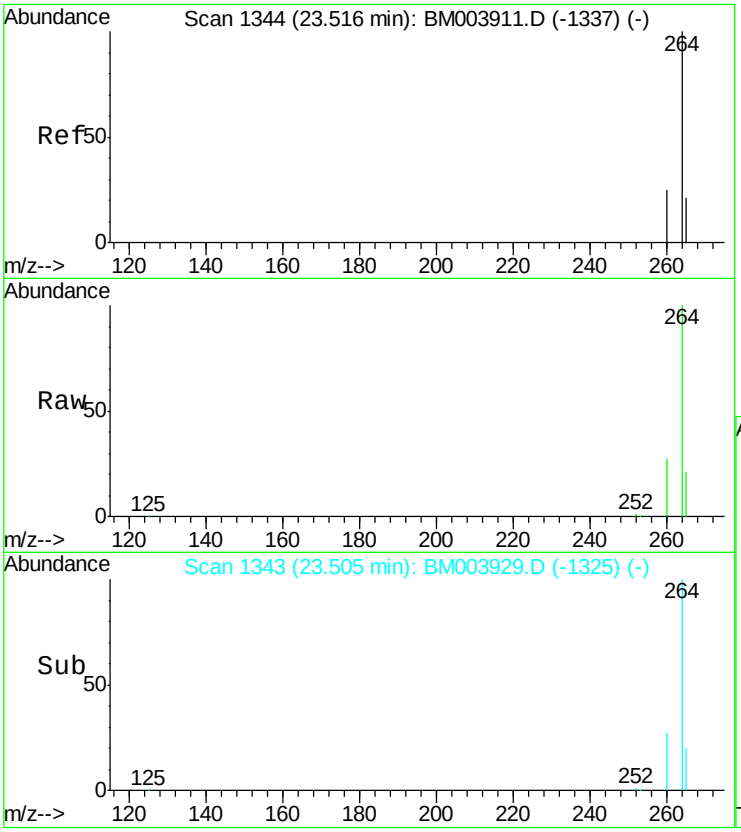


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.85 ng
RT: 25.76 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:276 Resp: 37745

Ion	Ratio	Lower	Upper
276	100		
138	38.7	30.2	45.2
277	24.7	19.8	29.8



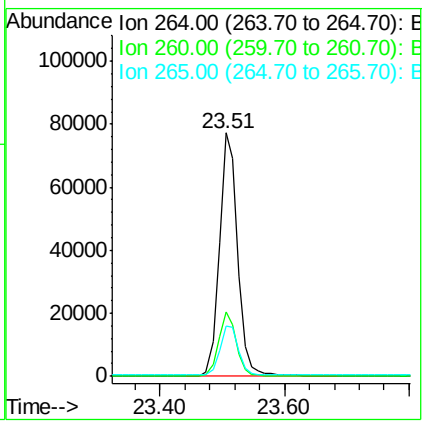


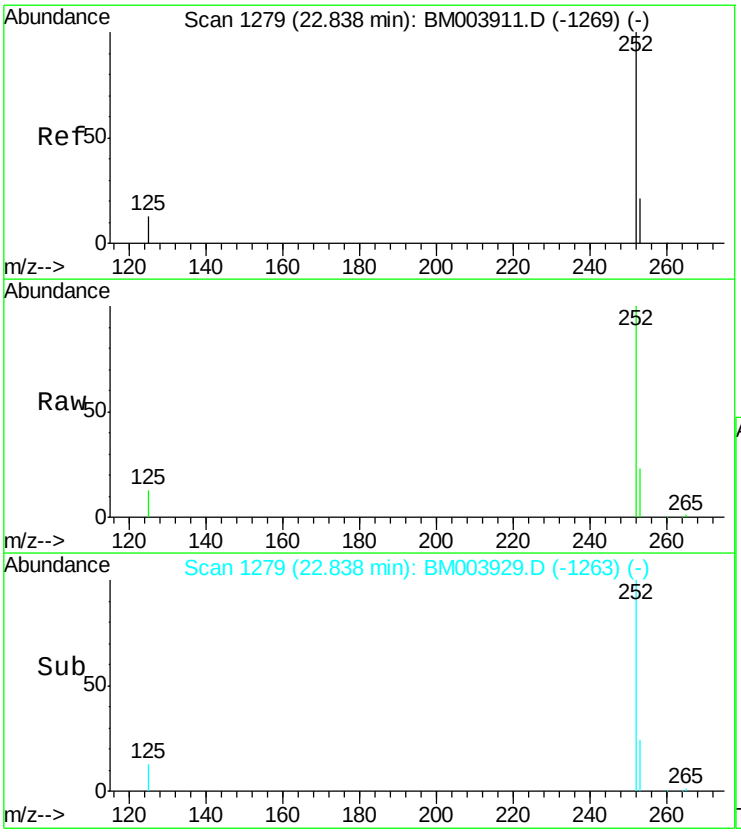
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:264 Resp: 156888

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.2	31.8
265	20.9	16.7	25.1

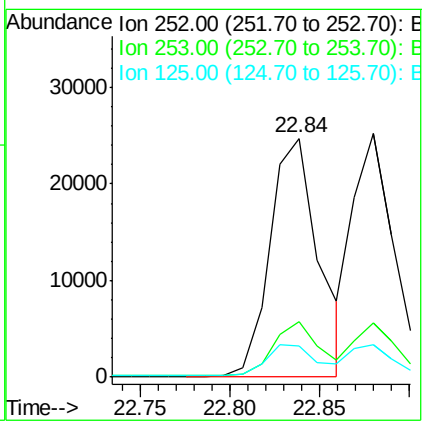


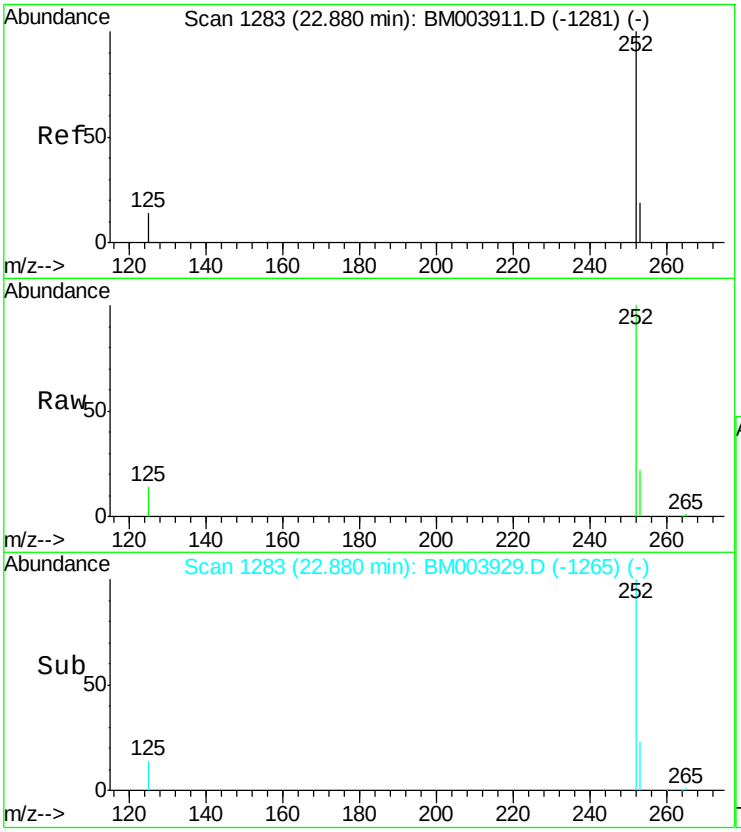


#36
Benzo(b)fluoranthene
Concen: 0.97 ng
RT: 22.84 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:252 Resp: 46502

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	13.2	10.2	15.4



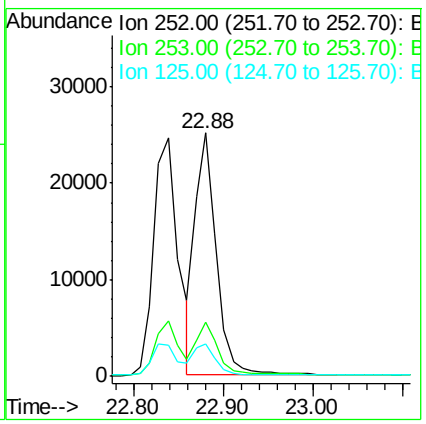


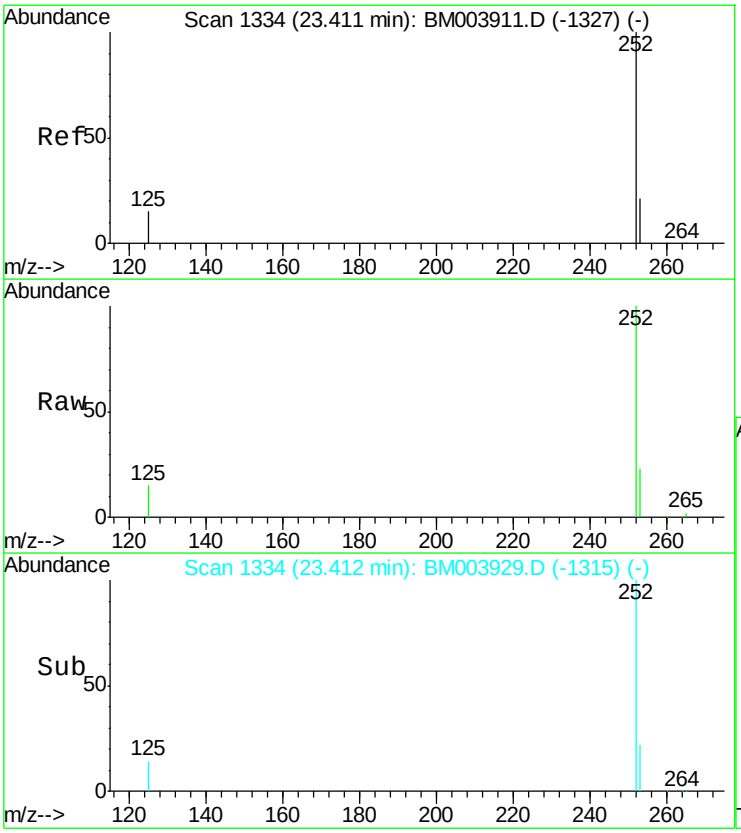
#37
Benzo(k)fluoranthene
Concen: 0.89 ng
RT: 22.88 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 41414

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	13.5	10.6	15.8

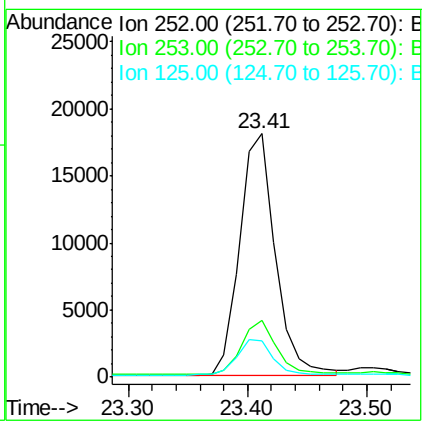


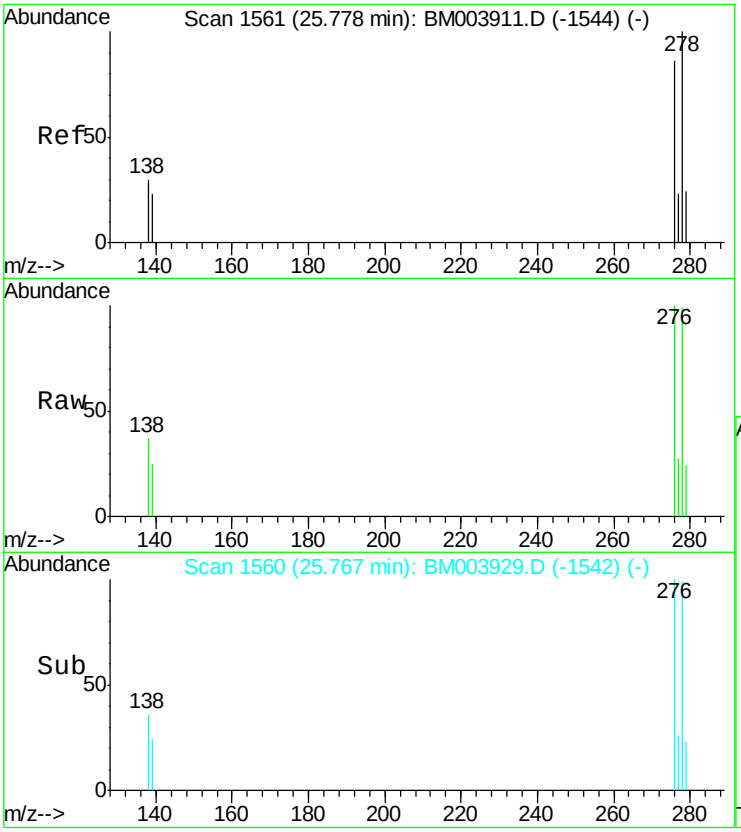


#38
Benzo(a)pyrene
Concen: 0.92 ng
RT: 23.41 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:252 Resp: 37587

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	14.8	11.8	17.8



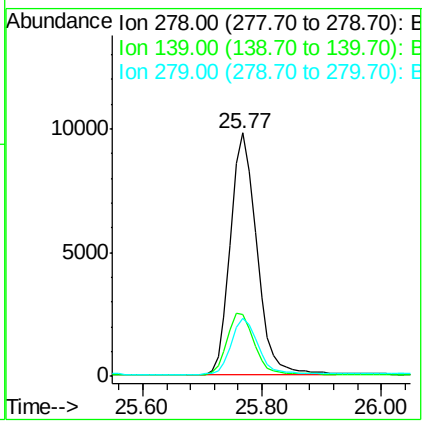


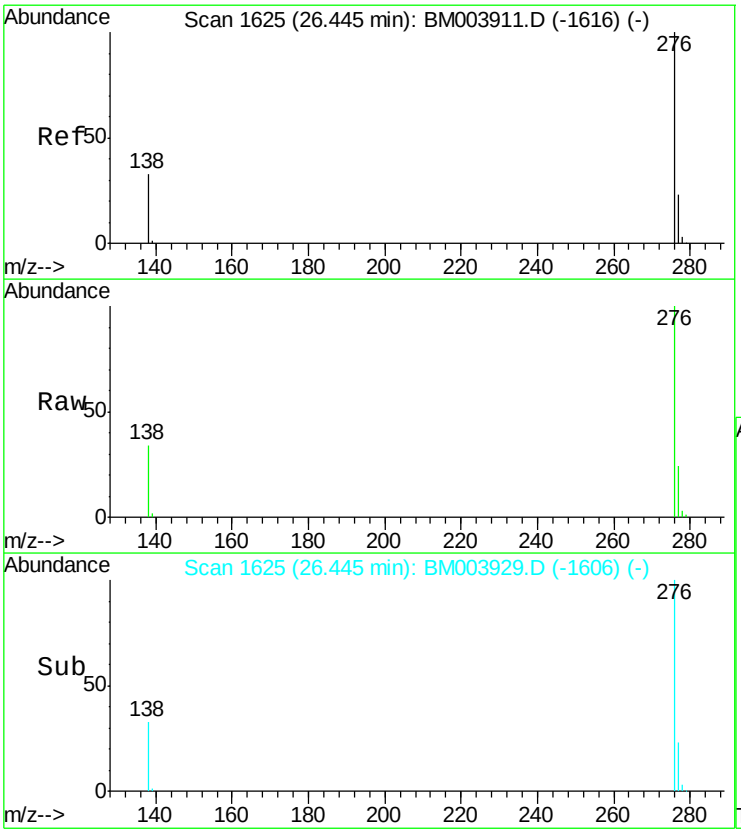
#39
Dibenzo(a,h)anthracene
Concen: 0.86 ng
RT: 25.77 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:278 Resp: 30095

Ion	Ratio	Lower	Upper
278	100		
139	25.3	19.0	28.6
279	23.9	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 0.87 ng
RT: 26.45 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BM003929.D
Acq: 08 Jan 2016 19:09

Tgt Ion:276 Resp: 32211

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	34.0	25.0	37.4