Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022916\
Data File : BM004495.D
Acq On : 01 Mar 2016 07:29
Operator : SJ/UM
Sample : H1509-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 01 10:08:41 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 00:52:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	19178	5.00	ng	-0.02
7) Naphthalene-d8	10.39	136	78404	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	188008	5.00	ng	0.06
19) Phenanthrene-d10	17.01	188	83418	5.00	ng	0.00
26) Chrysene-d12	21.23	240	73458	5.00	ng	0.00
35) Perylene-d12	23.46	264	68951	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	11680	2.62	ng	0.00
5) Phenol-d6	6.81	99	10554	2.10	ng	0.00
8) Nitrobenzene-d5	8.77	82	19135	4.80	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	14963	2.07	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	64466	1.12	ng	0.00
29) Terphenyl-d14	19.67	244	55030	5.82	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.40	42	426	0.22	ng	# 1
6) bis(2-Chloroethyl)ether	6.99	93	537	0.10	ng	# 1
9) Nitrobenzene	8.86	77	1120	0.21	ng	# 18
10) Naphthalene	10.44	128	9596	0.41	ng	# 1
17) Acenaphthene	14.42	154	4206	0.06	ng	# 6
18) Fluorene	15.44	166	6017	0.07	ng	# 1
20) 4-Bromophenyl-phenylether	16.17	248	241	0.02	ng	# 1
21) Hexachlorobenzene	16.35	284	31	0.02	ng	# 100
22) Pentachlorophenol	16.71	266	903	1.01	ng	96
23) Phenanthrene	17.06	178	24435	0.90	ng	# 49
24) Anthracene	17.14	178	5316	0.21	ng	# 59
25) Fluoranthene	19.11	202	1376	0.04	ng	# 44
27) Benzidine	19.38	184	642	0.38	ng	# 1
28) Pyrene	19.47	202	3776	0.13	ng	# 80
30) Benzo(a)anthracene	21.27	228	2477	0.09	ng	# 51
31) 3,3'-Dichlorobenzidine	21.15	252	81	0.14	ng	# 18
32) Chrysene	21.27	228	2518	Below Cal		# 52
33) Bis(2-ethylhexyl)phthalate	21.13	149	5377	0.26	ng	# 100
36) Benzo(b)fluoranthene	22.80	252	539	0.02	ng	# 1
37) Benzo(k)fluoranthene	22.80	252	539	0.02	ng	# 1

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

Quantitation Report (Not Reviewed)

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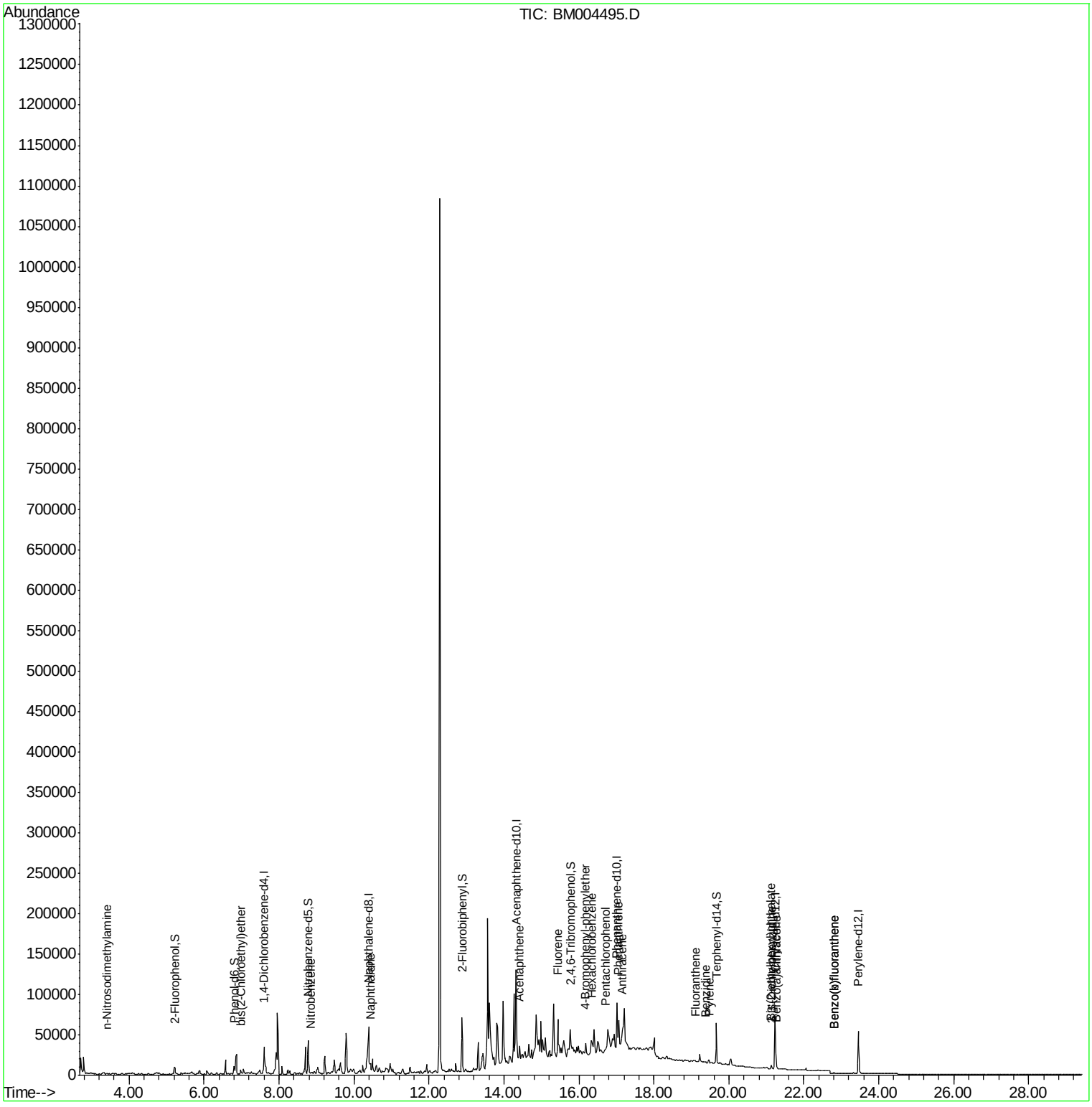
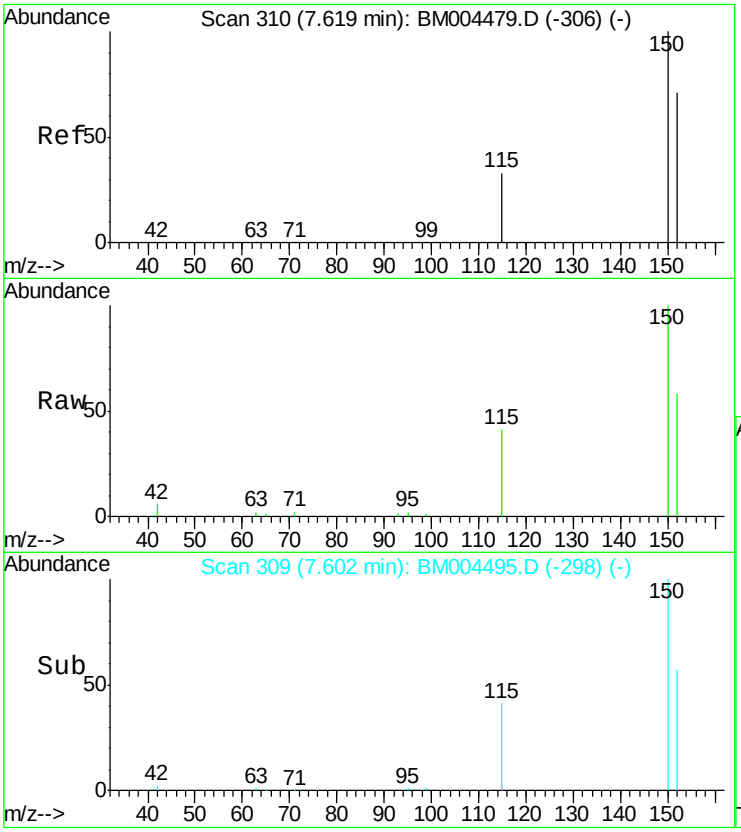
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 00:52:28 2016
Response via : Initial Calibration



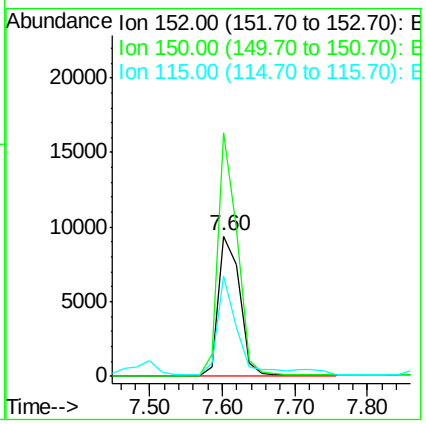


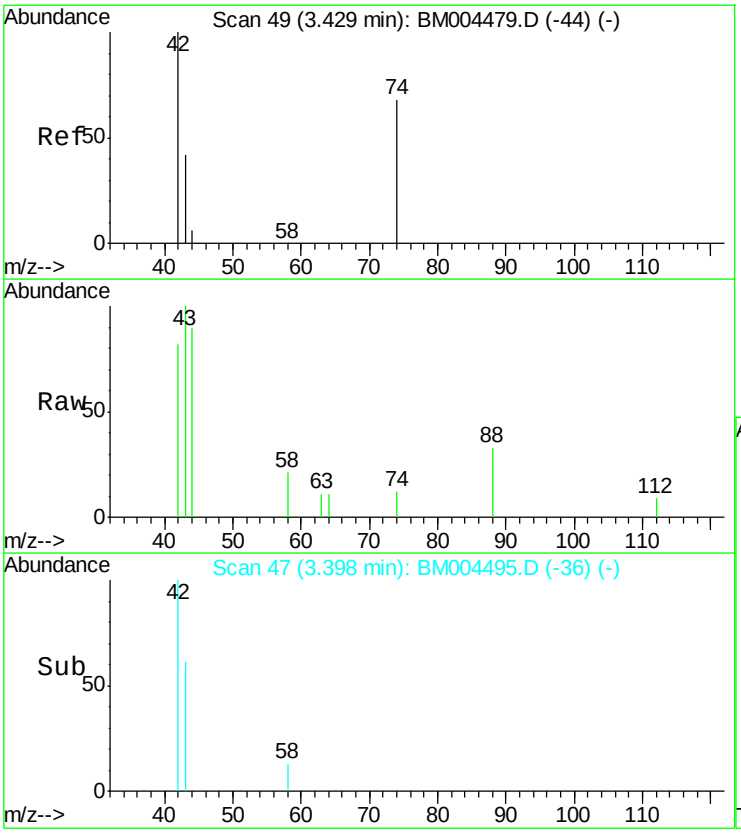
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.02 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 19178

Ion	Ratio	Lower	Upper
152	100		
150	173.8	111.9	167.9#
115	71.6	37.7	56.5#

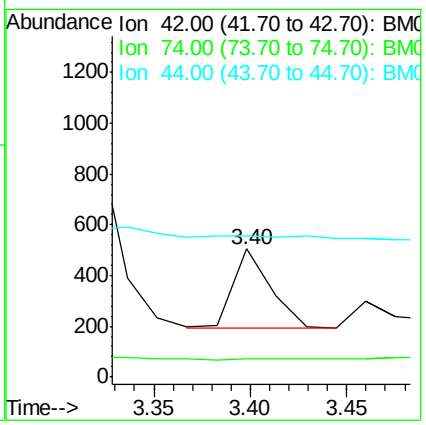


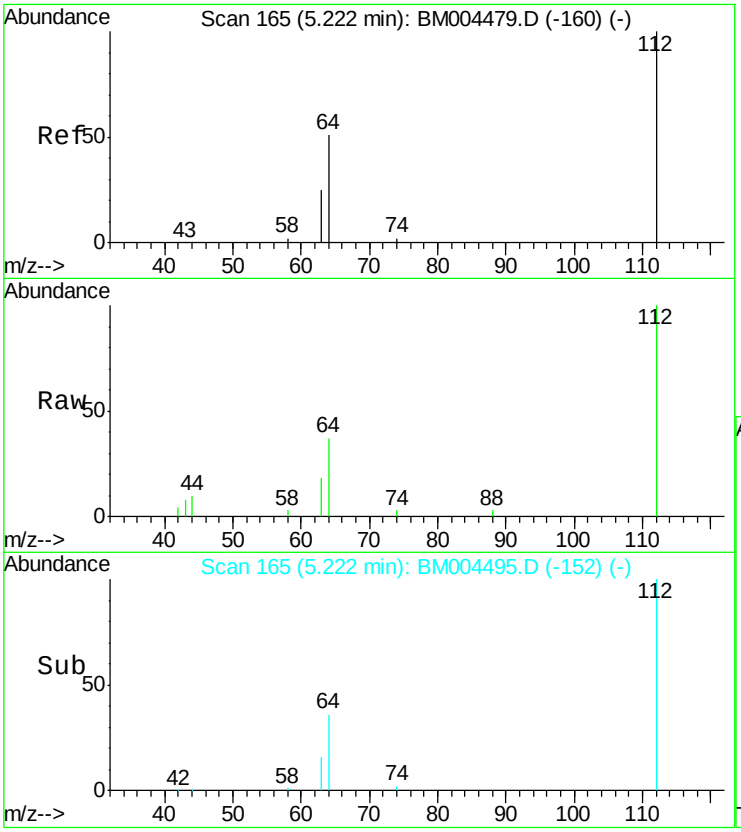


#3
n-Nitrosodimethylamine
Concen: 0.22 ng
RT: 3.40 min Scan# 47
Delta R.T. -0.03 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion: 42 Resp: 426

Ion	Ratio	Lower	Upper
42	100		
74	1.4	117.8	176.8#
44	0.0	6.1	9.1#



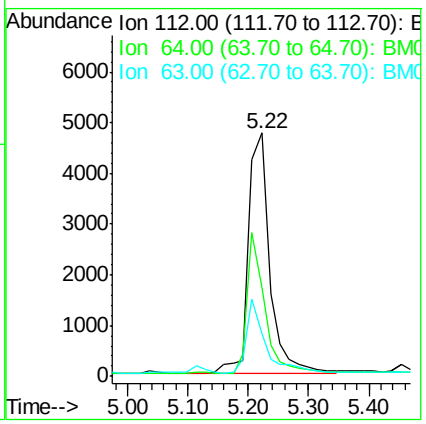


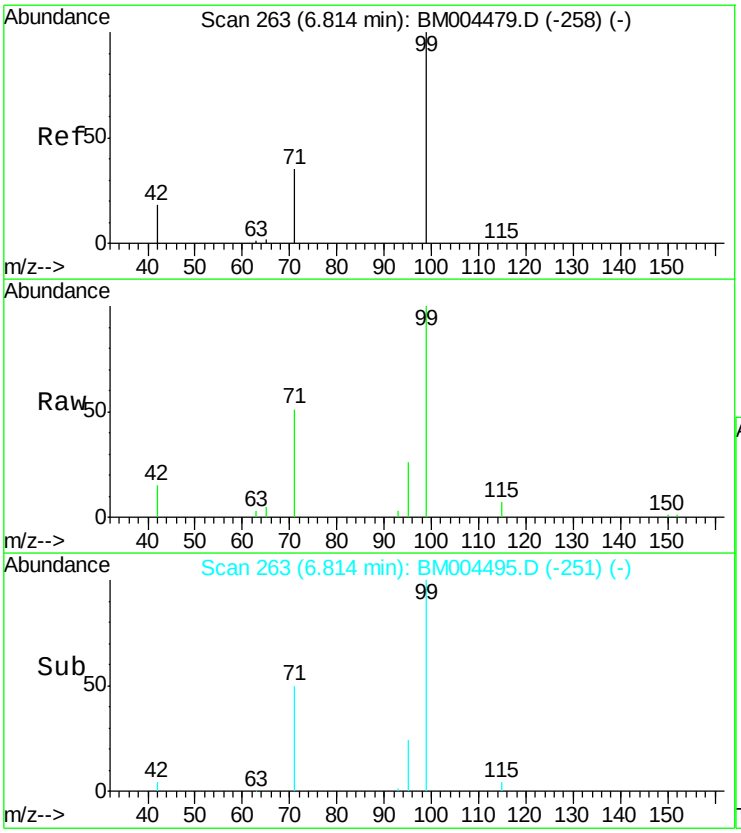
#4
2-Fluorophenol
Concen: 2.62 ng
RT: 5.22 min Scan# 165
Delta R.T. 0.00 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 11680

Ion	Ratio	Lower	Upper
112	100		
64	47.6	39.6	59.4
63	26.5	20.0	30.0

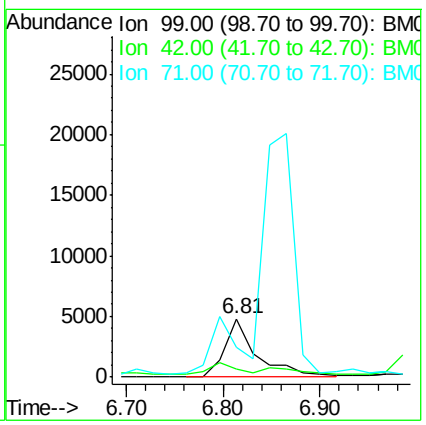


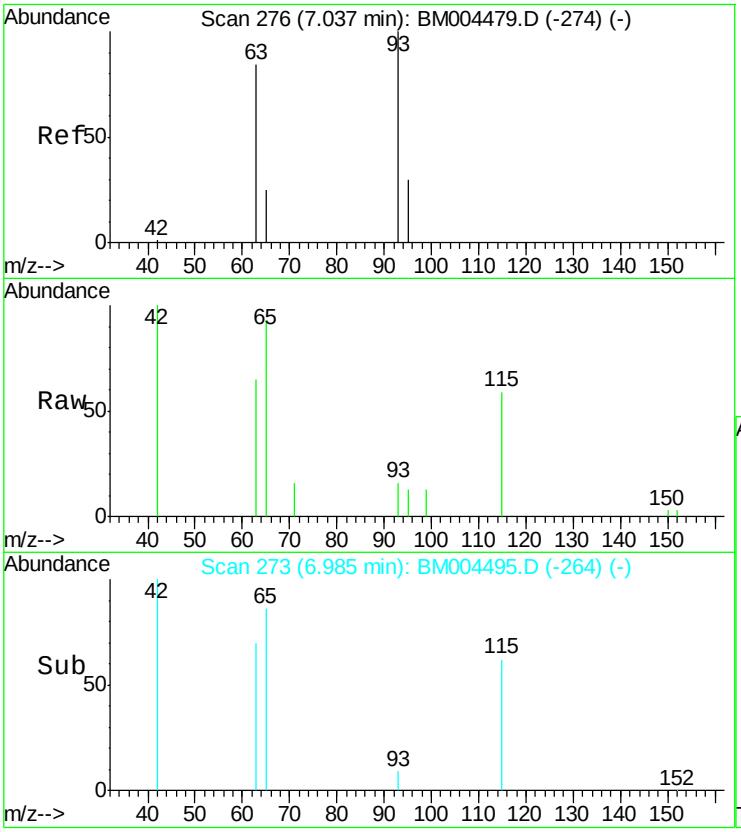


#5
Phenol-d6
Concen: 2.10 ng
RT: 6.81 min Scan# 263
Delta R.T. 0.00 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion: 99 Resp: 10554

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.2	18.2
71	0.0	23.4	35.2#



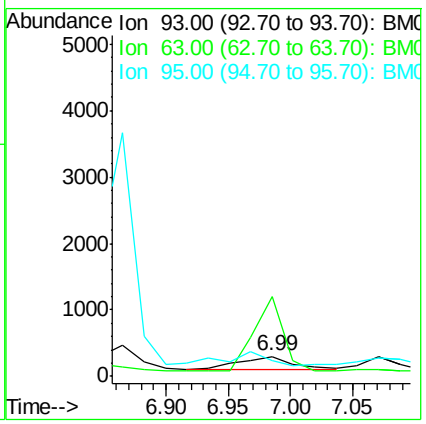


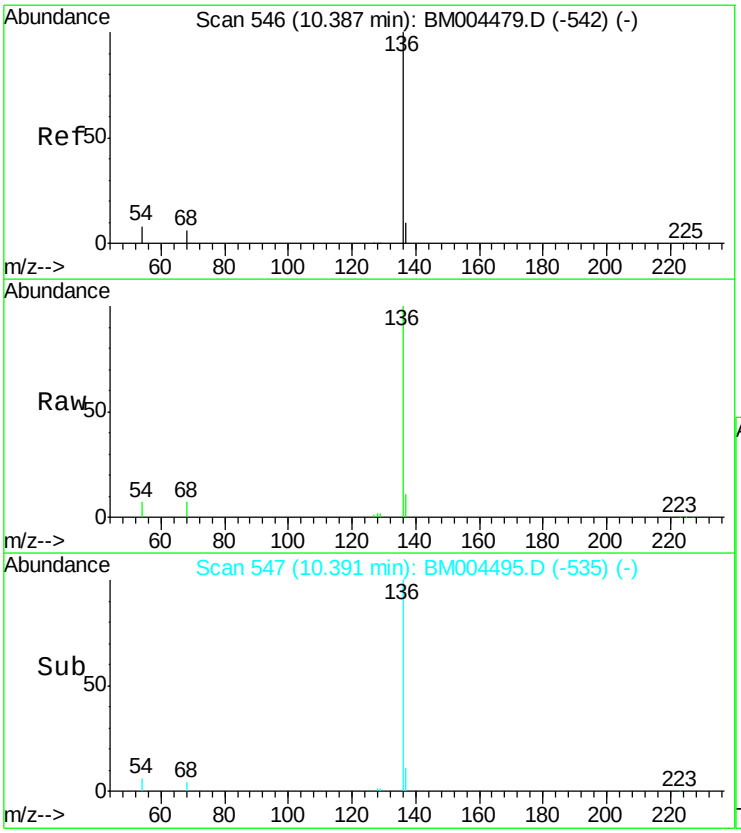
#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 6.99 min Scan# 273
Delta R.T. -0.05 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 537

Ion	Ratio	Lower	Upper
93	100		
63	346.0	51.7	77.5#
95	81.2	25.4	38.2#

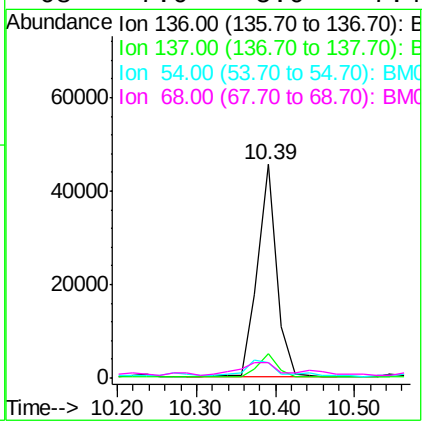


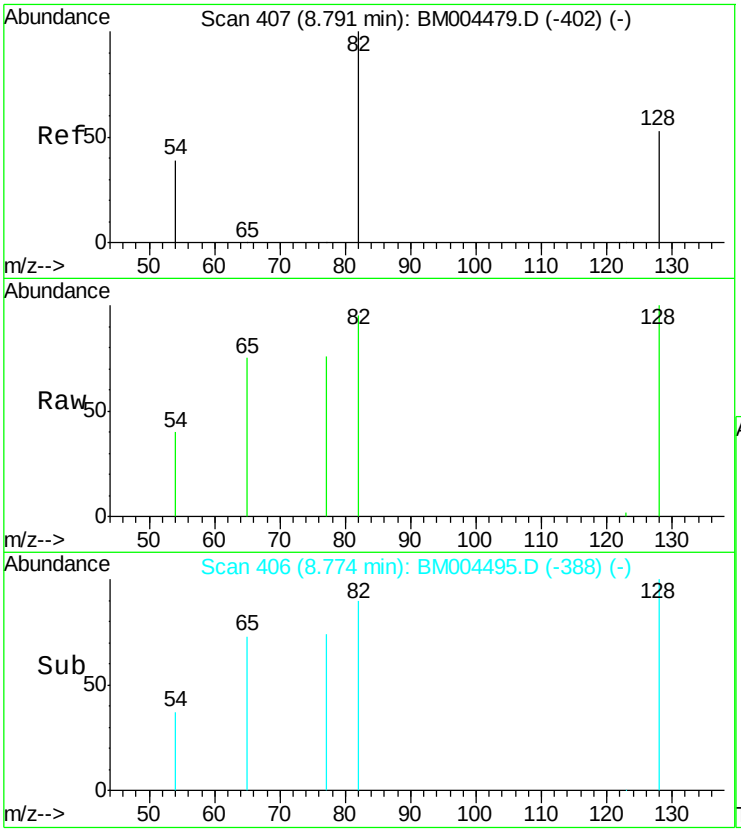


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. 0.00 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:136 Resp: 78404

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	7.3	6.4	9.6
68	7.0	5.0	7.4



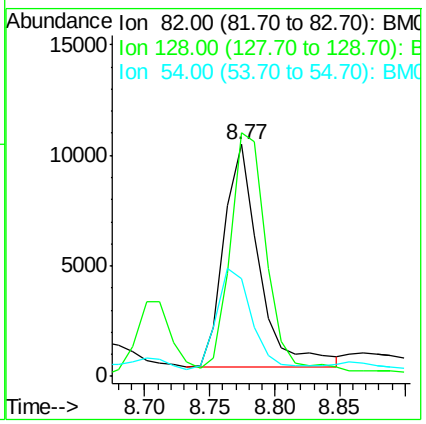


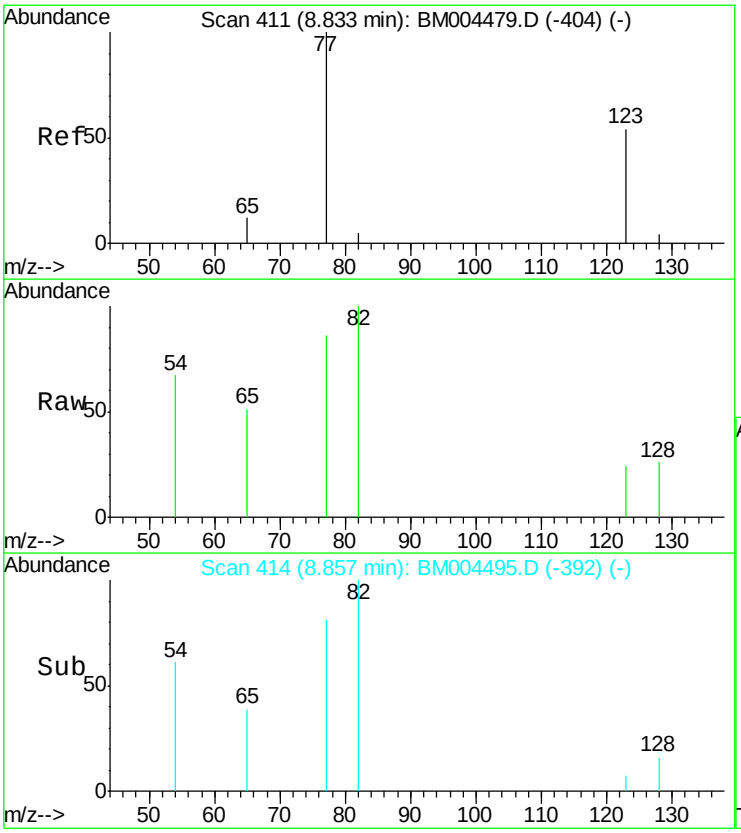
#8
Nitrobenzene-d5
Concen: 4.80 ng
RT: 8.77 min Scan# 406
Delta R.T. -0.02 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 19135

Ion	Ratio	Lower	Upper
82	100		
128	105.1	43.7	65.5#
54	42.2	33.5	50.3

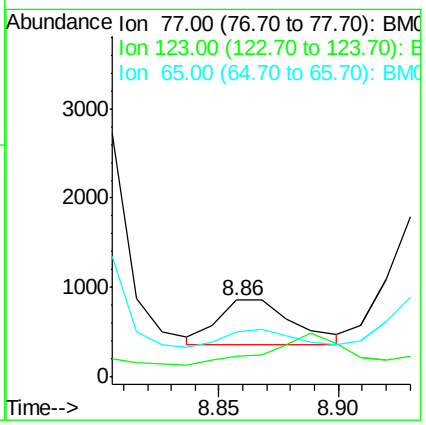


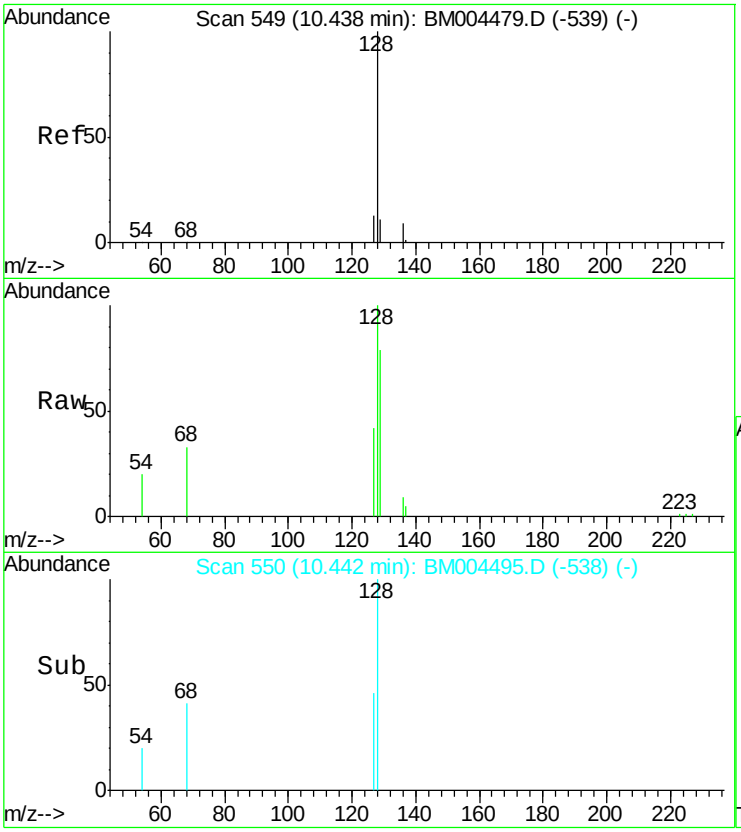


#9
Nitrobenzene
Concen: 0.21 ng
RT: 8.86 min Scan# 414
Delta R.T. 0.02 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion: 77 Resp: 1120

Ion	Ratio	Lower	Upper
77	100		
123	0.0	42.2	63.2#
65	56.3	10.0	15.0#



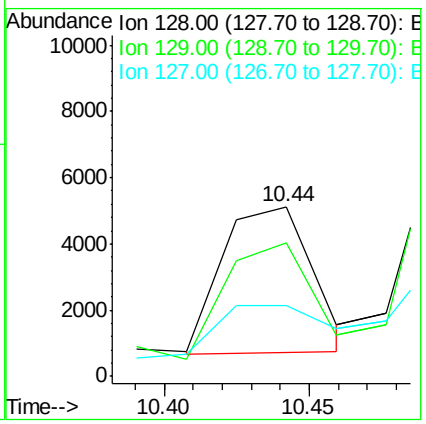


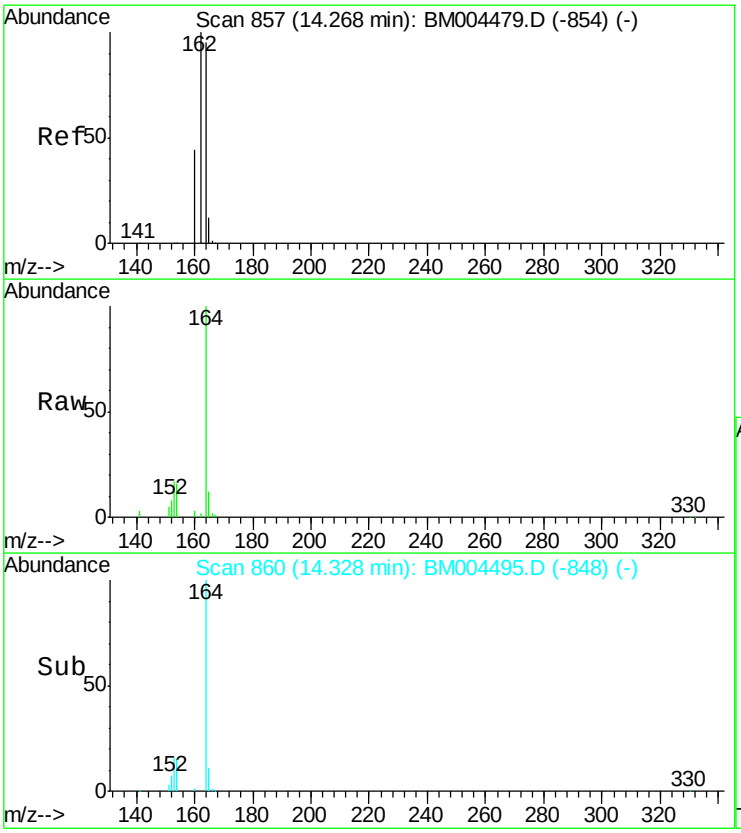
#10
Naphthalene
Concen: 0.41 ng
RT: 10.44 min Scan# 550
Delta R.T. 0.00 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 9596

Ion	Ratio	Lower	Upper
128	100		
129	78.6	8.9	13.3#
127	41.6	10.9	16.3#

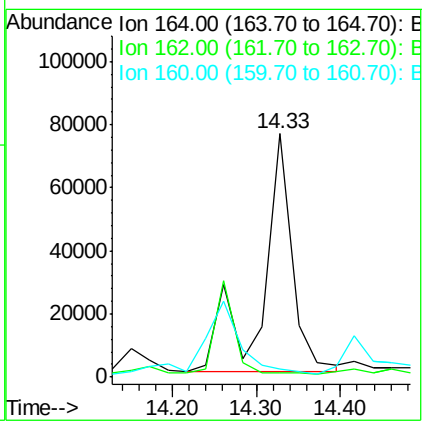


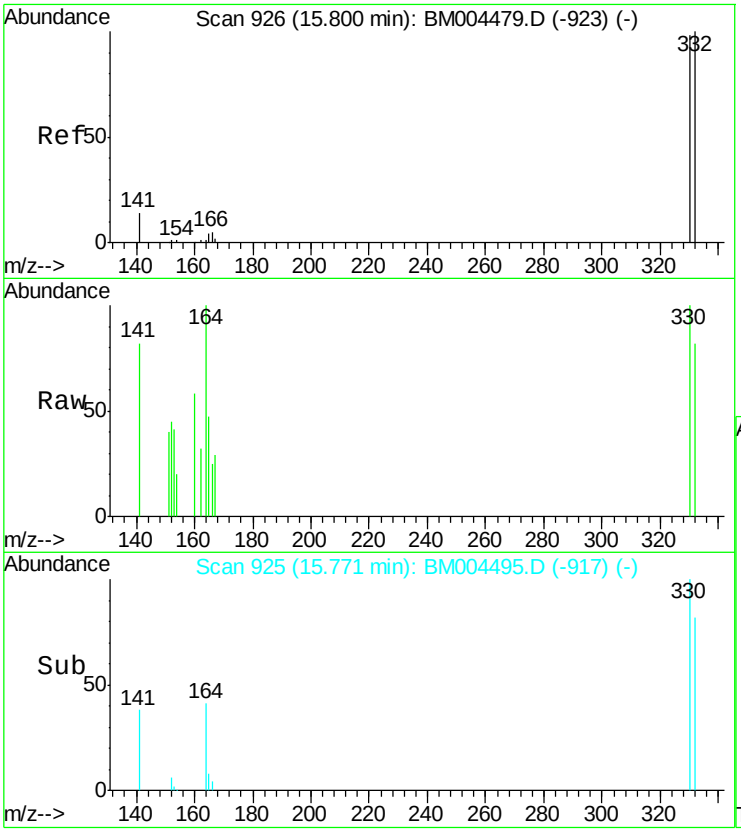


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.06 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:164 Resp: 188008

Ion	Ratio	Lower	Upper
164	100		
162	1.7	84.2	126.4#
160	3.4	37.4	56.2#



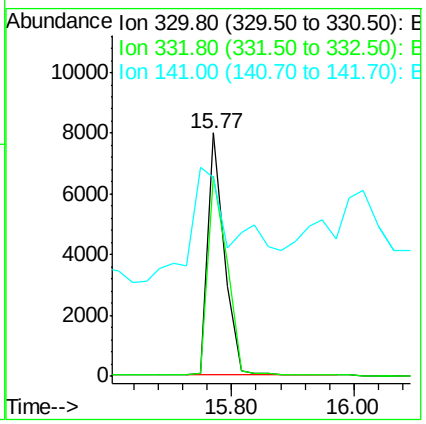


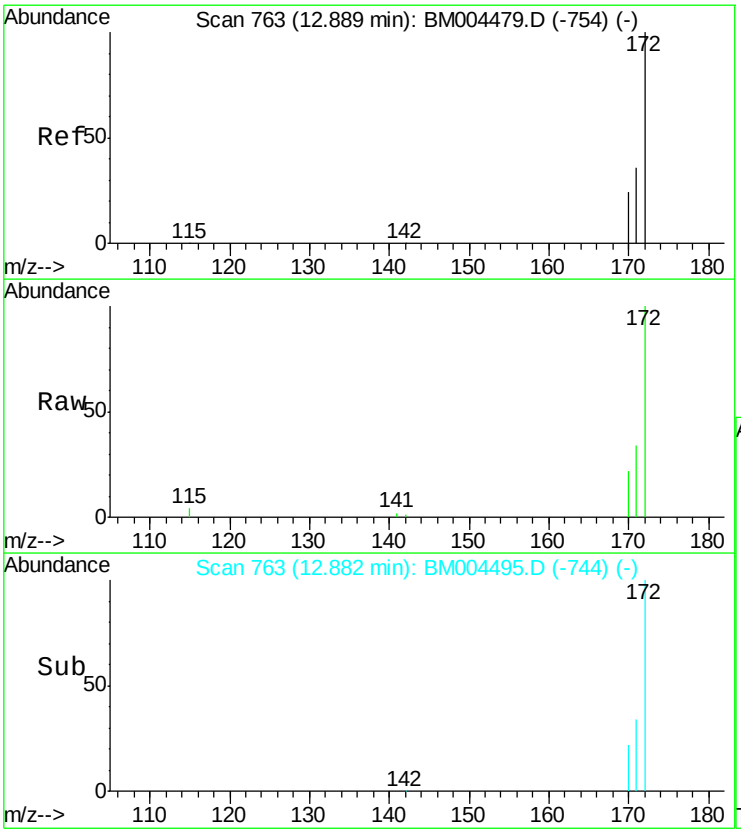
#14
2,4,6-Tribromophenol
Concen: 2.07 ng
RT: 15.77 min Scan# 925
Delta R.T. -0.03 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 14963

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.1	114.1
141	0.0	0.0	0.0

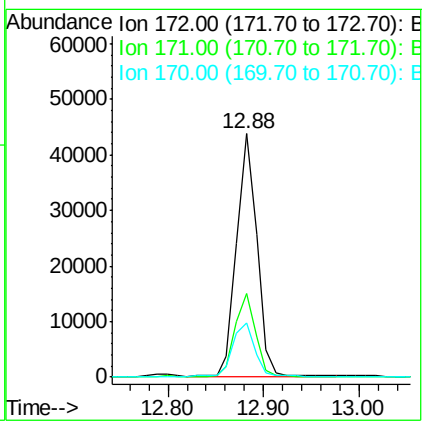


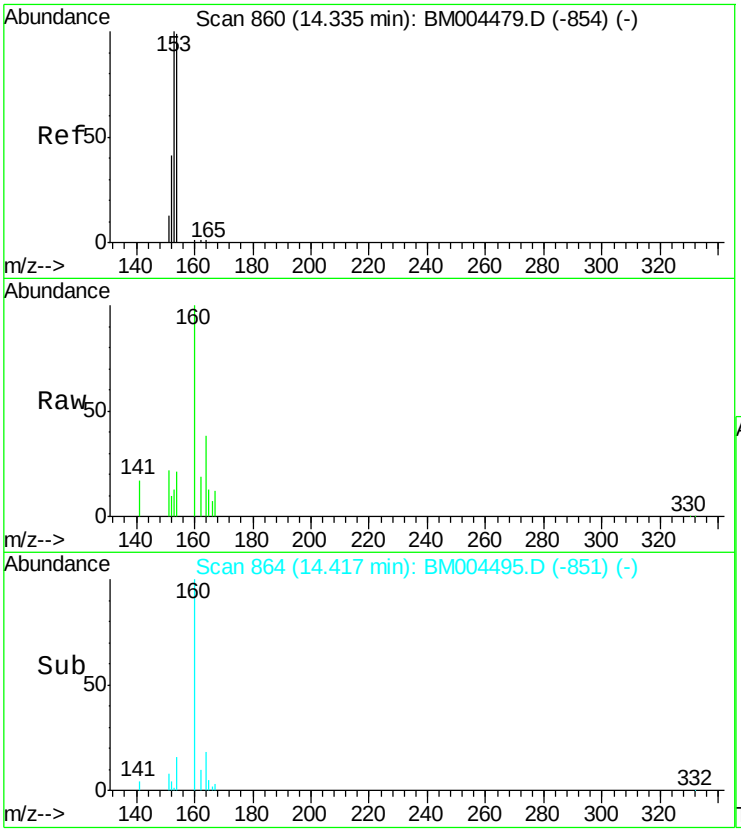


#15
2-Fluorobiphenyl
Concen: 1.12 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:172 Resp: 64466

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.2	43.8
170	22.4	19.7	29.5



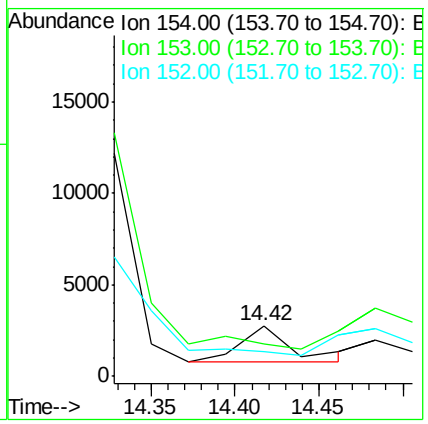


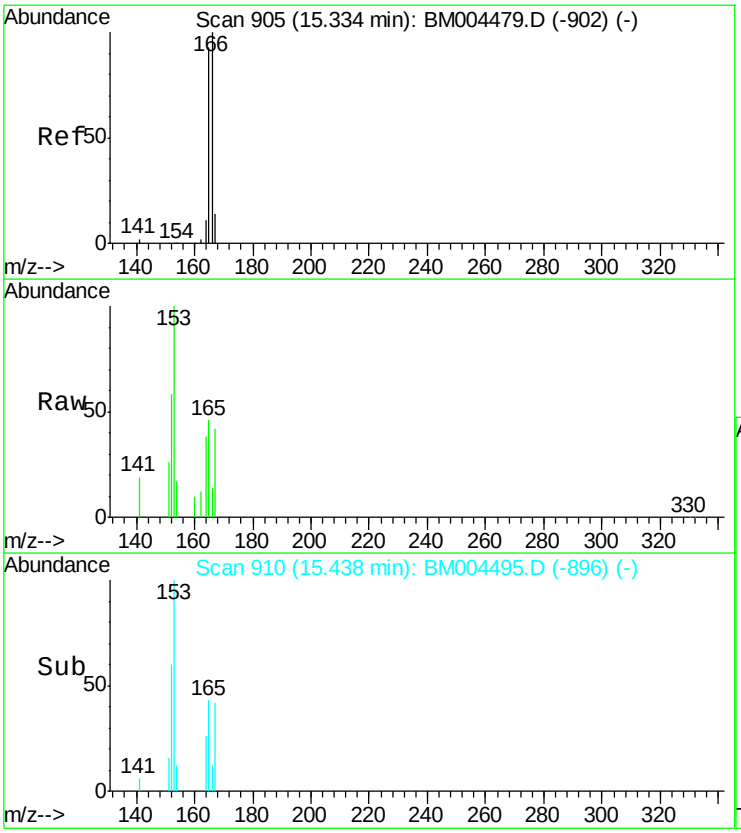
#17
Acenaphthene
Concen: 0.06 ng
RT: 14.42 min Scan# 864
Delta R.T. 0.08 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 4206

Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.0	132.0#
152	0.0	41.1	61.7#

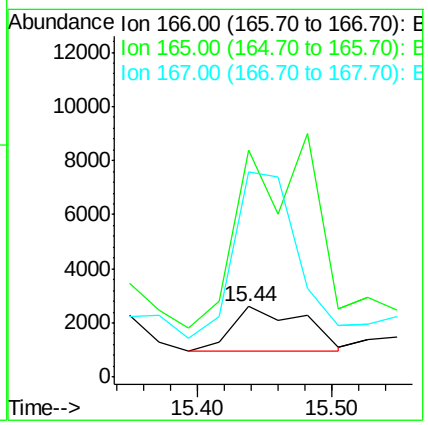


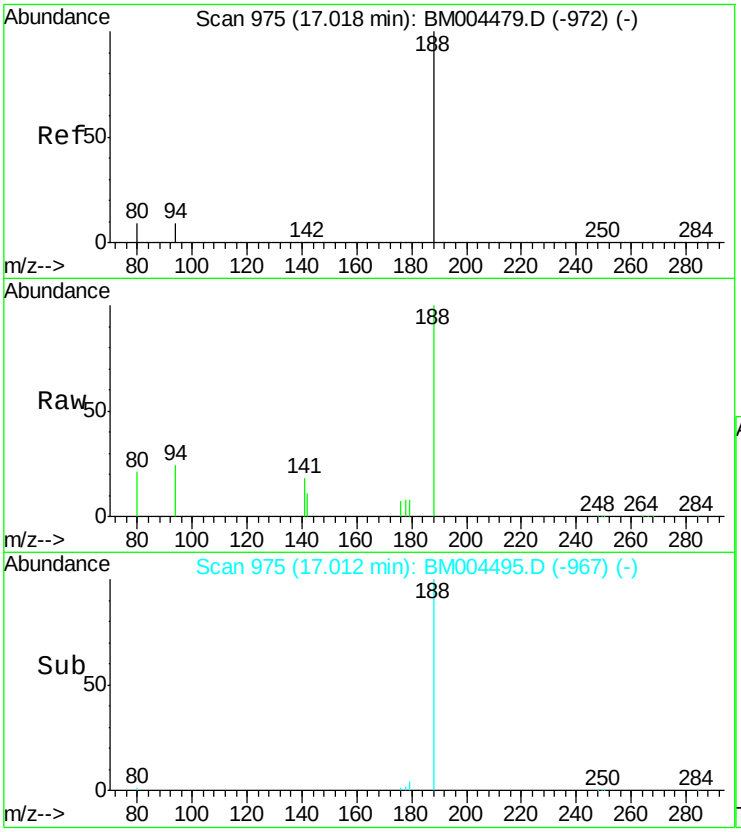


#18
Fluorene
Concen: 0.07 ng
RT: 15.44 min Scan# 910
Delta R.T. 0.10 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:166 Resp: 6017

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.2	115.8#
167	337.6	10.9	16.3#



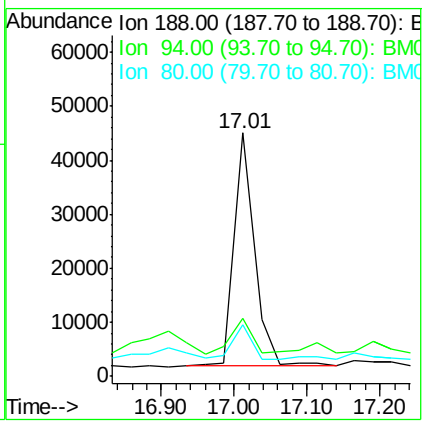


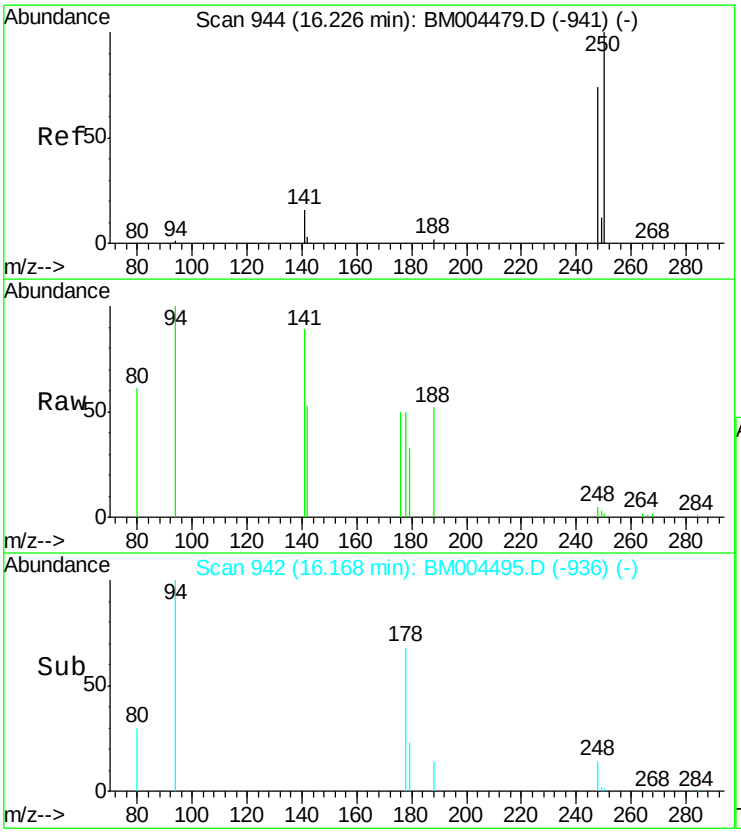
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 83418

Ion	Ratio	Lower	Upper
188	100		
94	24.1	7.4	11.0#
80	21.4	6.9	10.3#

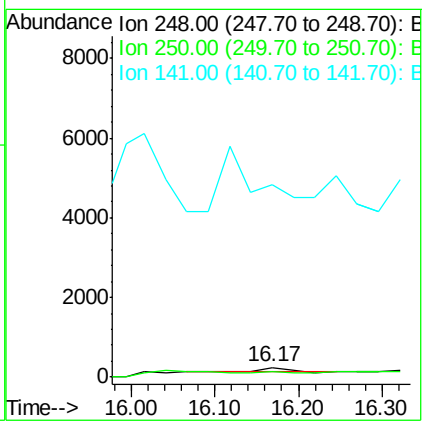


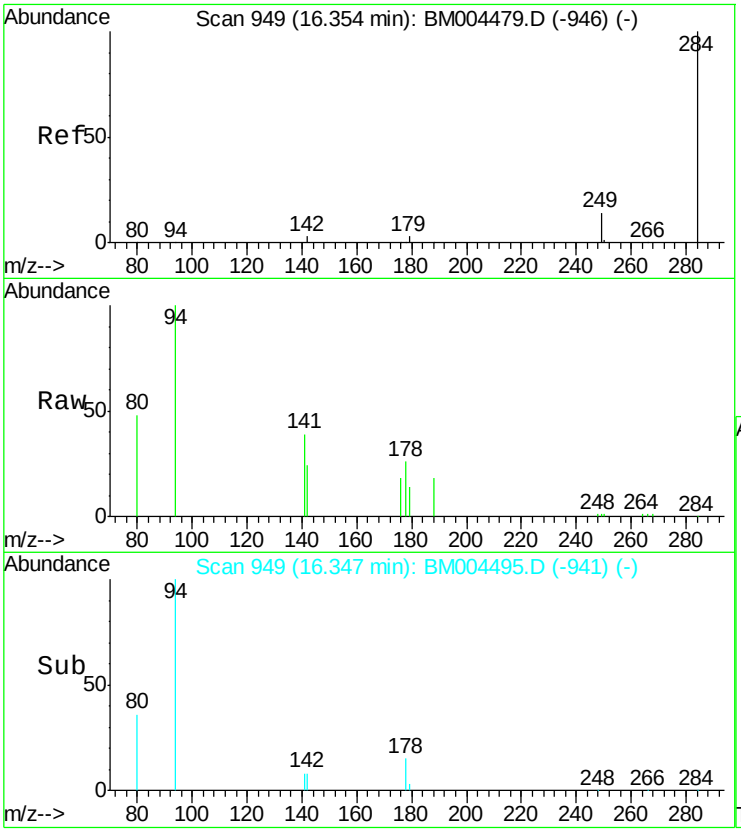


#20
4-Bromophenyl-phenylether
Concen: 0.02 ng
RT: 16.17 min Scan# 942
Delta R.T. -0.06 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:248 Resp: 241

Ion	Ratio	Lower	Upper
248	100		
250	0.0	81.5	122.3#
141	0.0	0.0	0.0



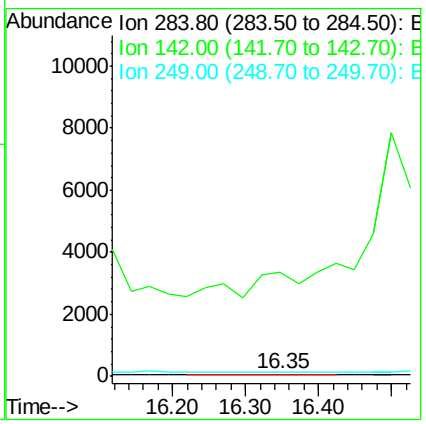


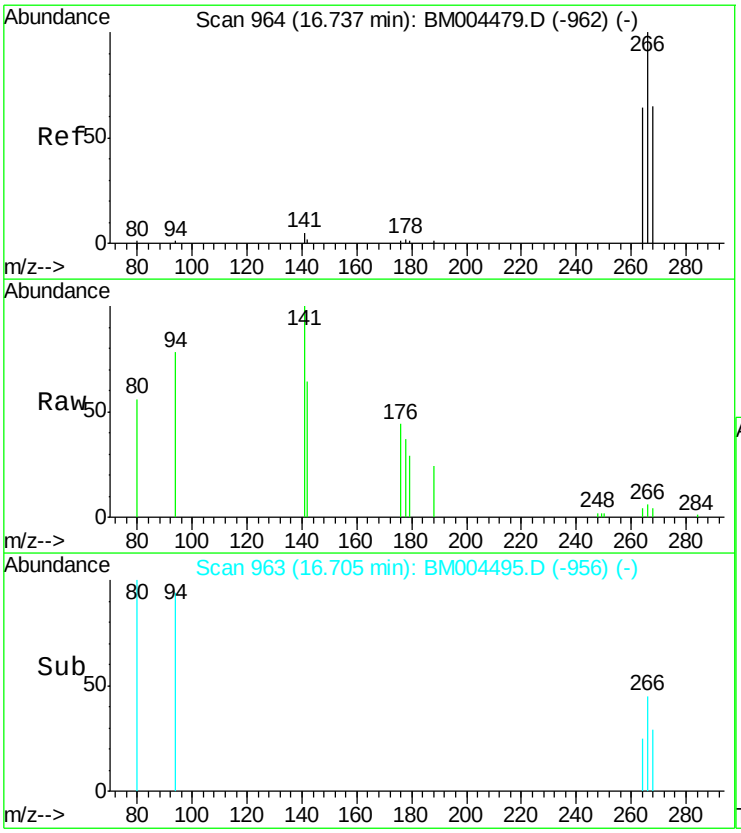
#21
Hexachlorobenzene
Concen: 0.02 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 31

Ion	Ratio	Lower	Upper
284	100		
142	12412.9	0.0	0.0#
249	0.0	0.0	0.0

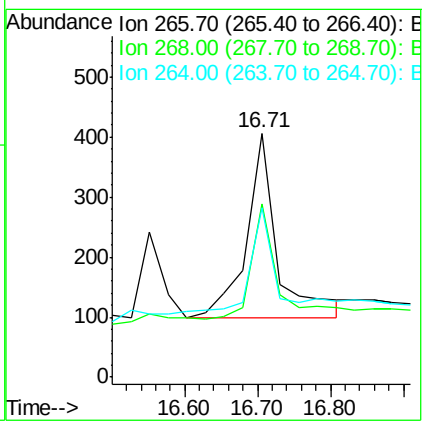


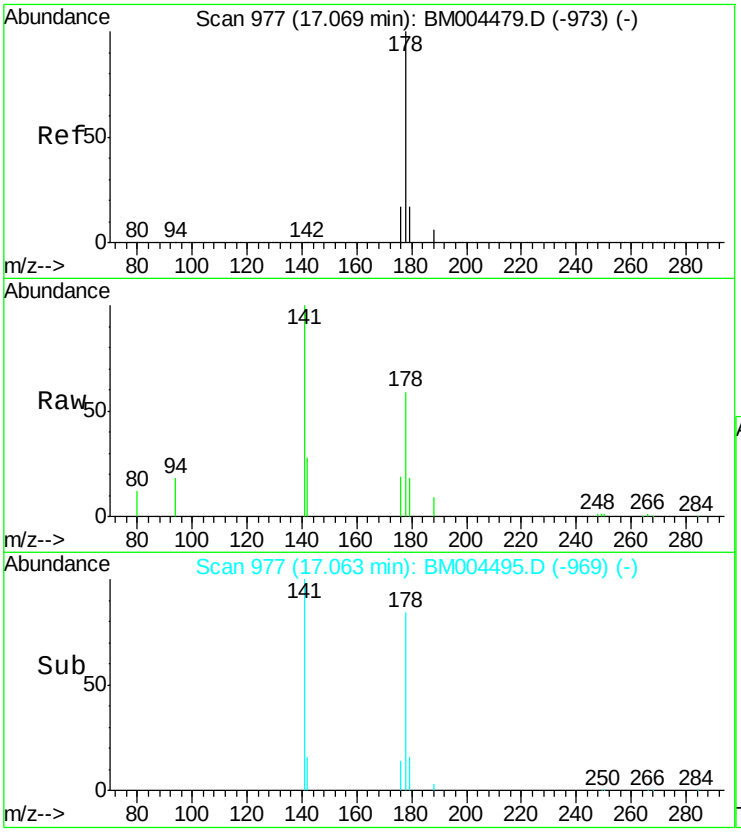


#22
Pentachlorophenol
Concen: 1.01 ng
RT: 16.71 min Scan# 963
Delta R.T. -0.03 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:266 Resp: 903

Ion	Ratio	Lower	Upper
266	100		
268	71.2	60.7	91.1
264	69.5	57.1	85.7



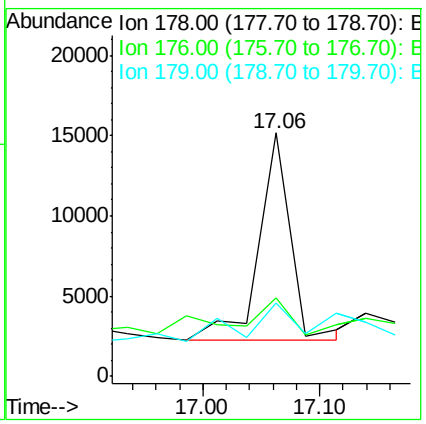


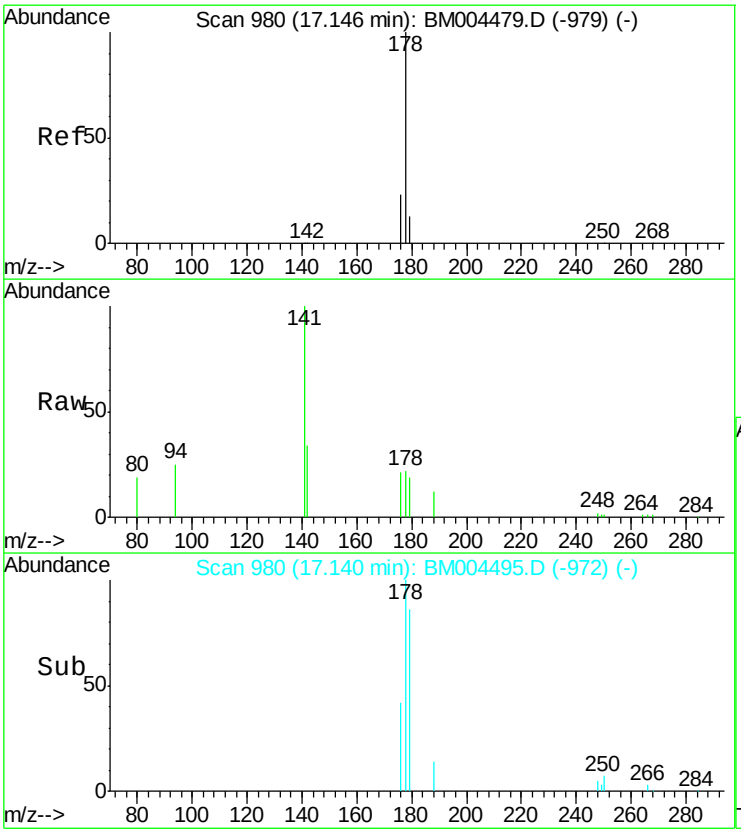
#23
Phenanthrene
Concen: 0.90 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 24435

Ion	Ratio	Lower	Upper
178	100		
176	23.9	14.7	22.1#
179	56.9	12.9	19.3#

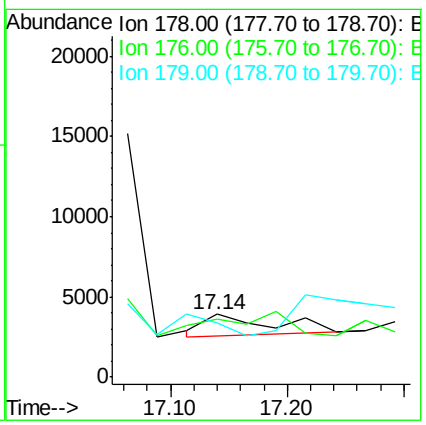


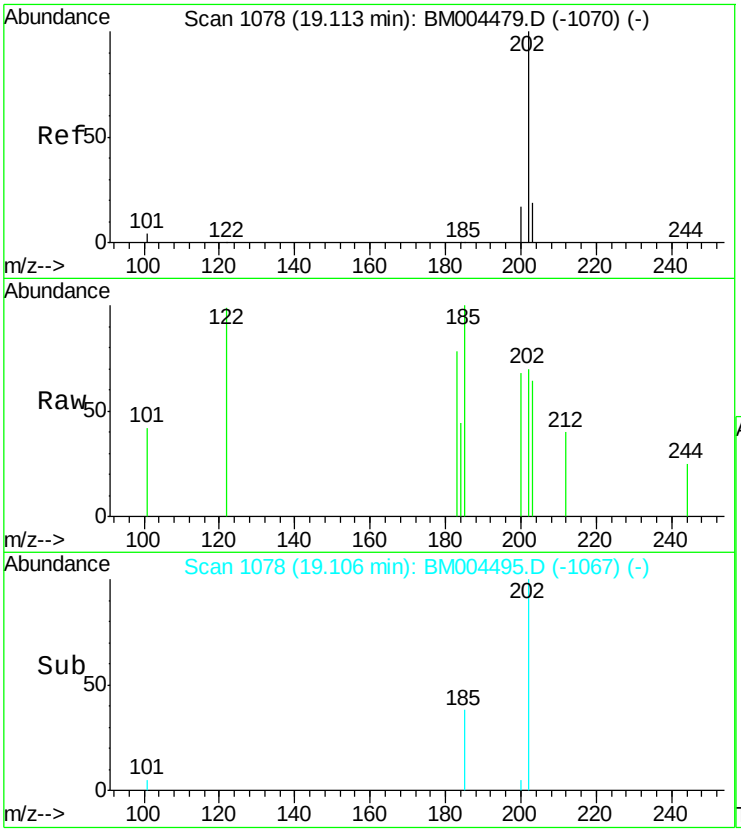


#24
Anthracene
Concen: 0.21 ng
RT: 17.14 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:178 Resp: 5316

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.6	23.4#
179	0.0	13.6	20.4#



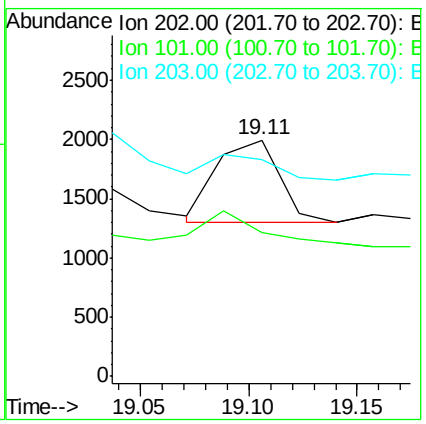


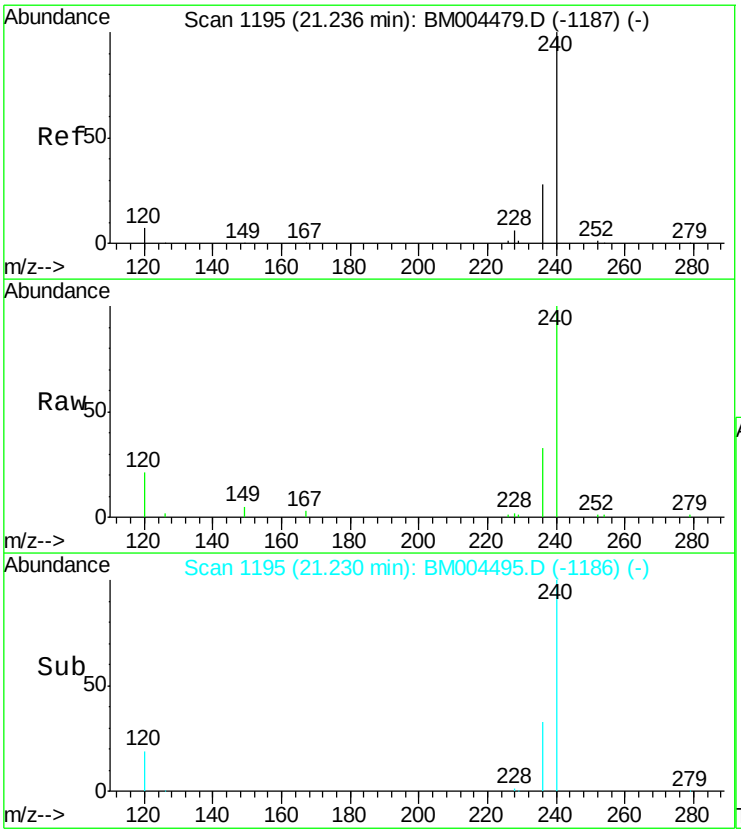
#25
Fluoranthene
Concen: 0.04 ng
RT: 19.11 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1376

Ion	Ratio	Lower	Upper
202	100		
101	46.8	9.4	14.2#
203	31.4	13.9	20.9#

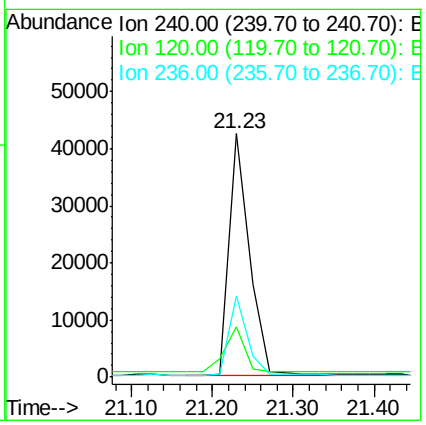


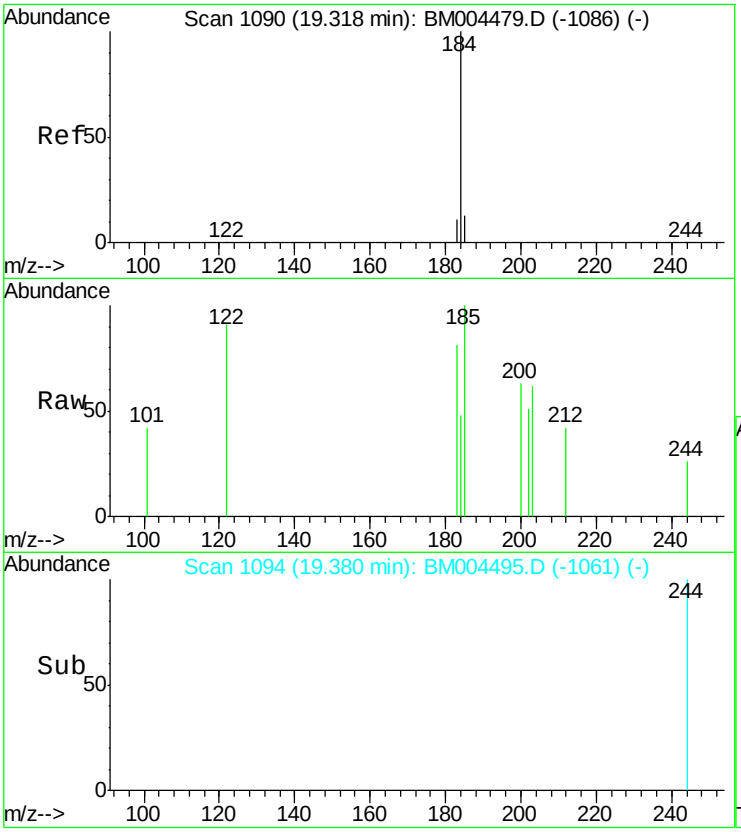


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:240 Resp: 73458

Ion	Ratio	Lower	Upper
240	100		
120	20.9	6.1	9.1#
236	33.2	22.6	34.0



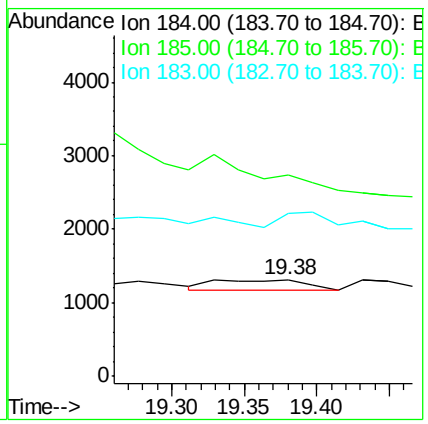


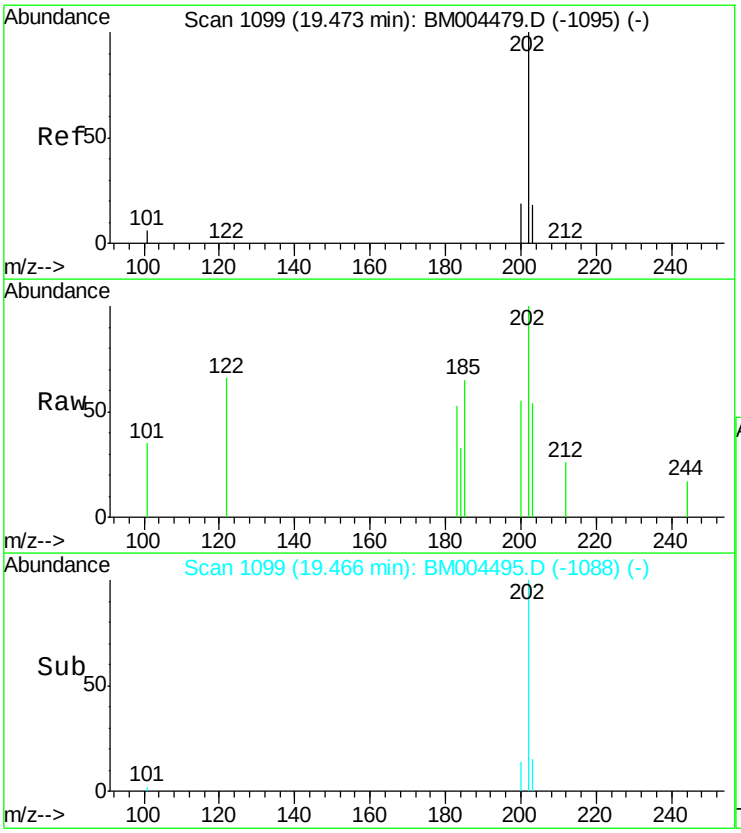
#27
Benzidine
Concen: 0.38 ng
RT: 19.38 min Scan# 1094
Delta R.T. 0.06 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 642

Ion	Ratio	Lower	Upper
184	100		
185	207.7	16.6	24.8#
183	167.6	12.3	18.5#

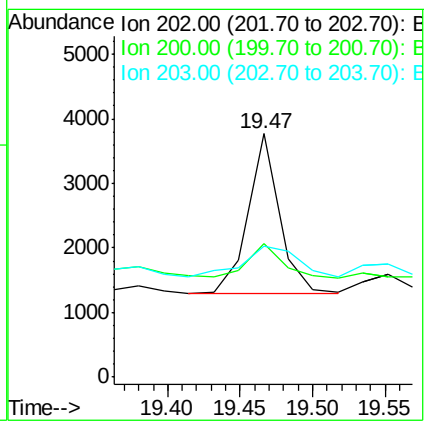


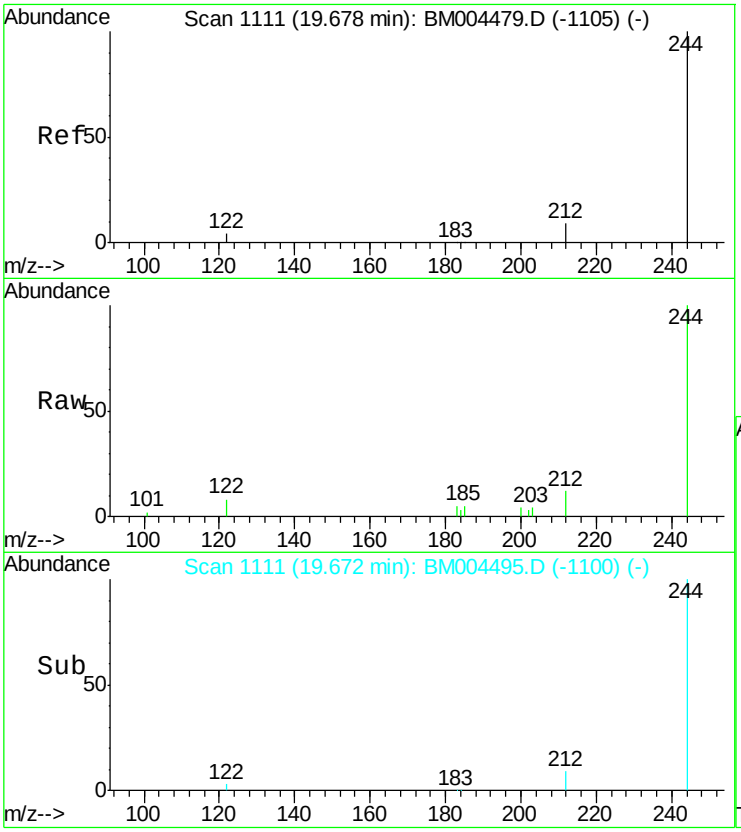


#28
Pyrene
Concen: 0.13 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:202 Resp: 3776

Ion	Ratio	Lower	Upper
202	100		
200	24.0	16.6	24.8
203	32.8	14.1	21.1#



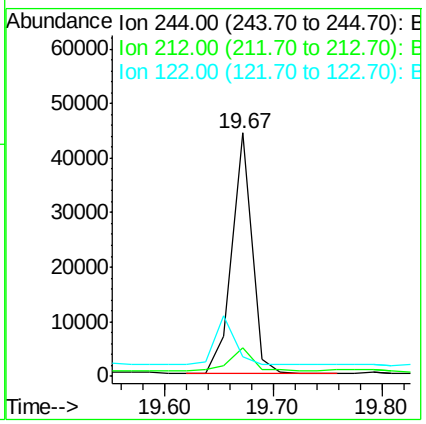


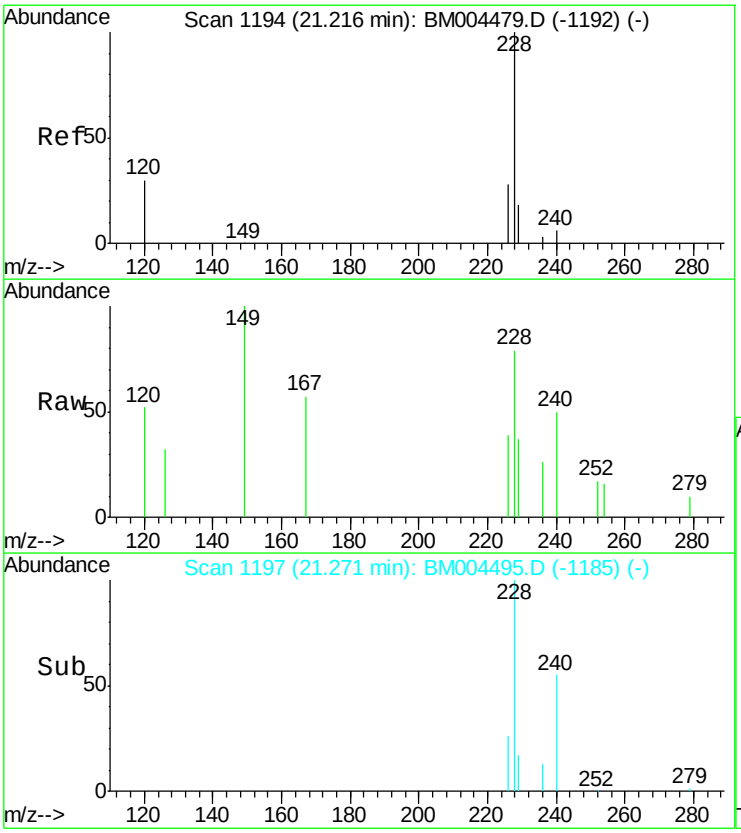
#29
Terphenyl-d14
Concen: 5.82 ng
RT: 19.67 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 55030

Ion	Ratio	Lower	Upper
244	100		
212	11.6	7.5	11.3#
122	8.1	4.2	6.2#

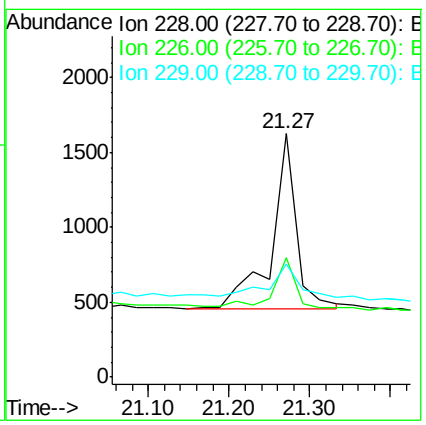


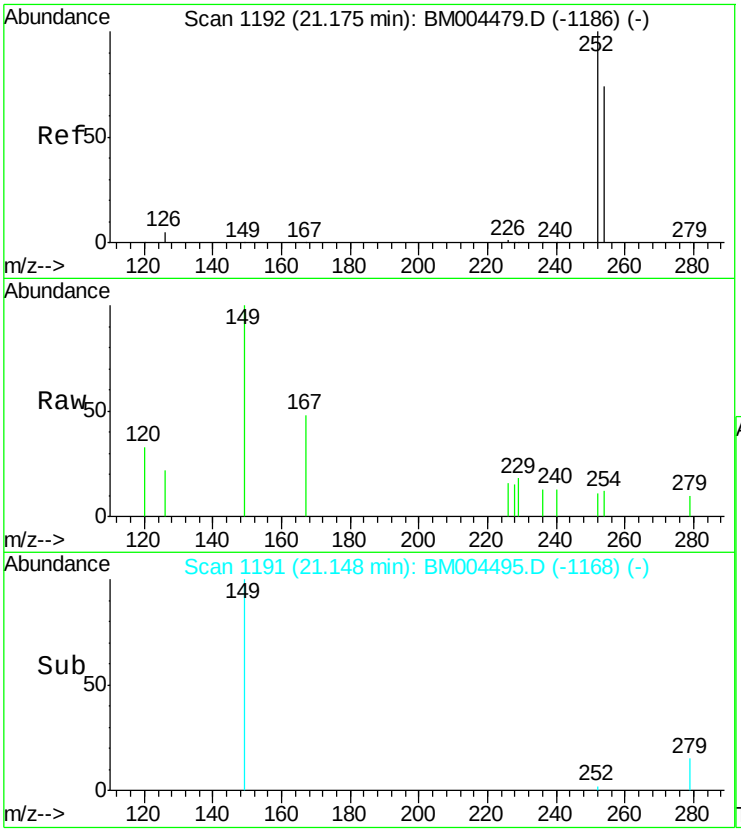


#30
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.05 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:228 Resp: 2477

Ion	Ratio	Lower	Upper
228	100		
226	49.3	22.8	34.2#
229	46.6	14.6	22.0#



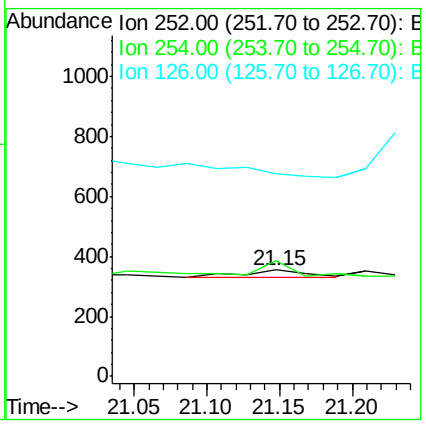


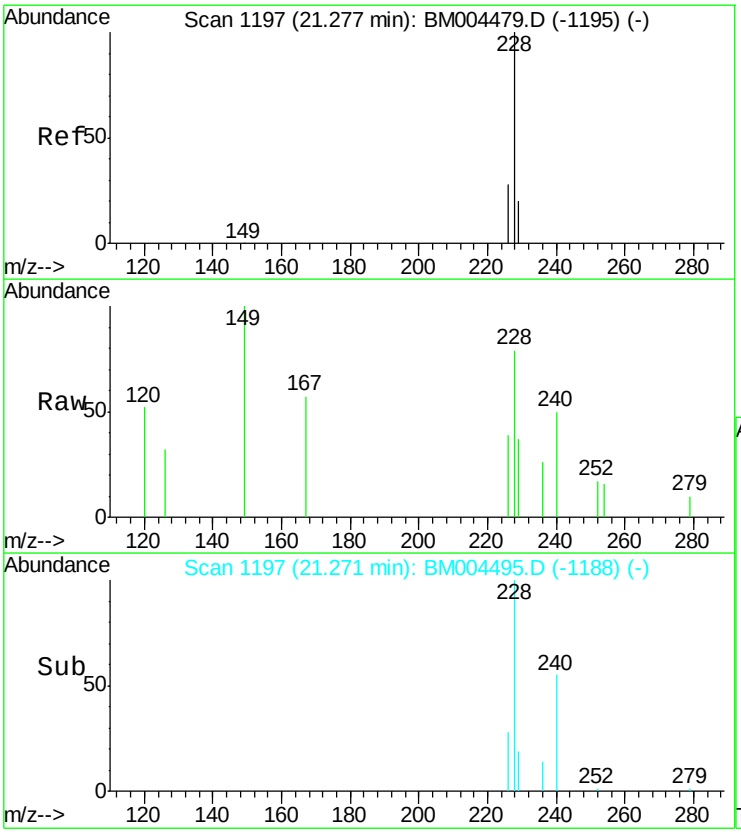
#31
3,3'-Dichlorobenzidine
Concen: 0.14 ng
RT: 21.15 min Scan# 1191
Delta R.T. -0.03 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 81

Ion	Ratio	Lower	Upper
252	100		
254	108.2	59.4	89.0#
126	190.7	5.5	8.3#

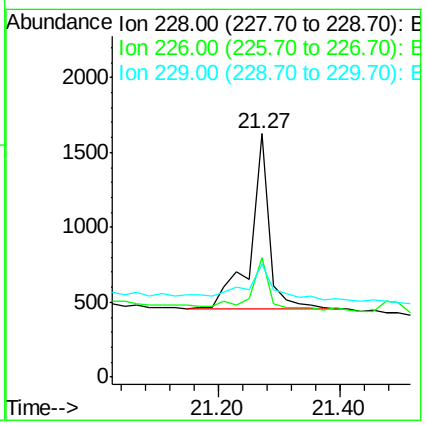


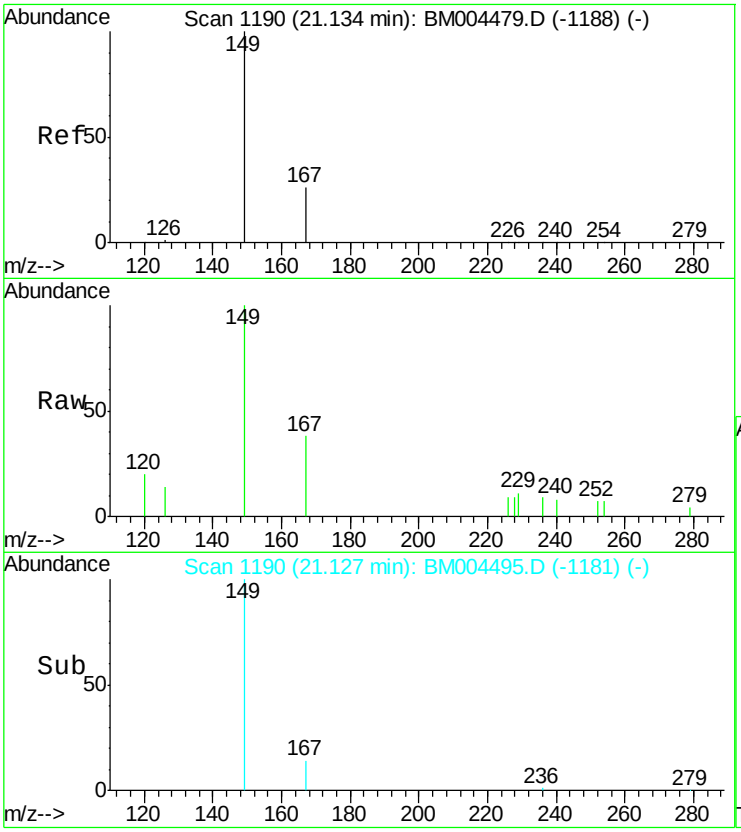


#32
Chrysene
Concen: Below Cal
RT: 21.27 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:228 Resp: 2518

Ion	Ratio	Lower	Upper
228	100		
226	49.3	21.4	32.2#
229	46.6	17.1	25.7#



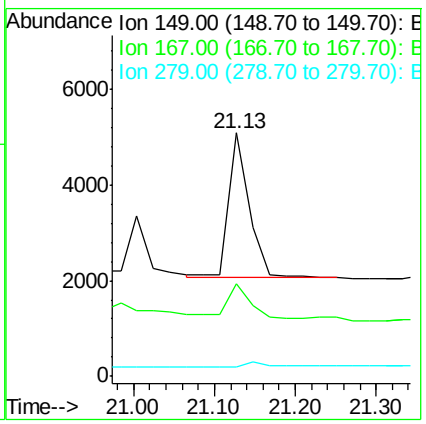


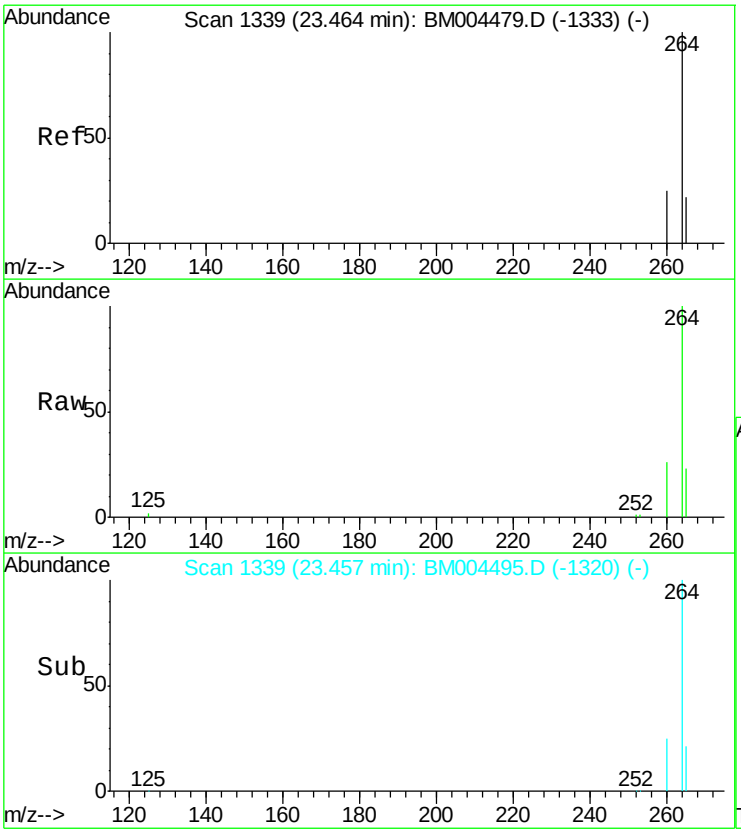
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.13 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 5377

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.2	31.8
279	0.0	0.0	0.0

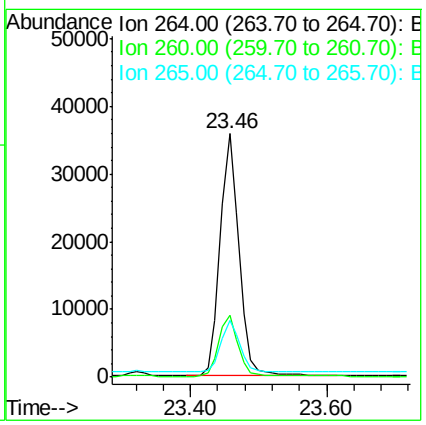


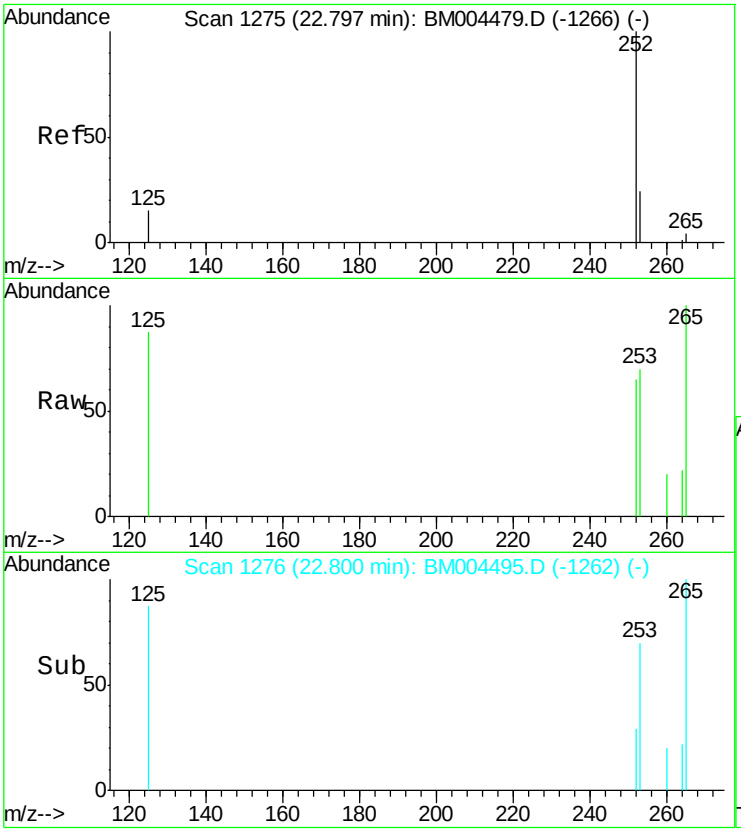


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:264 Resp: 68951

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.8	29.6
265	23.1	18.9	28.3



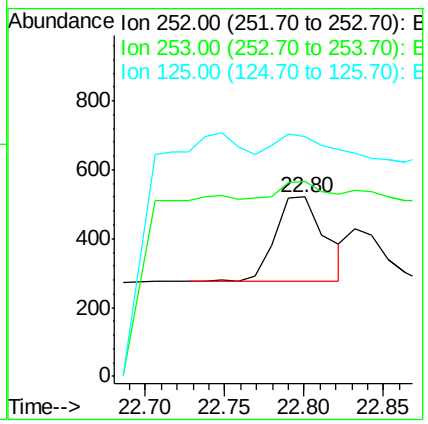


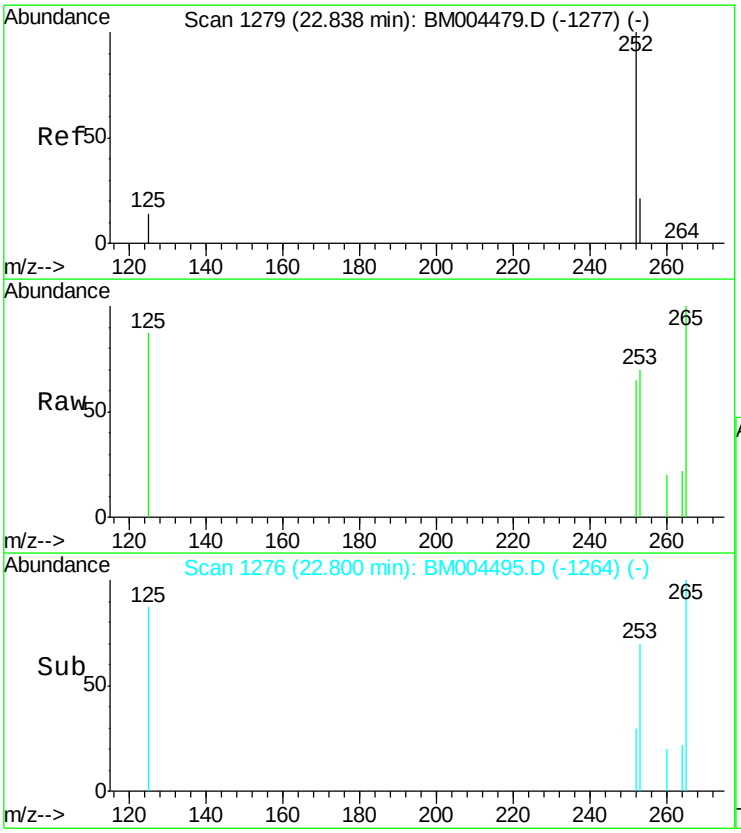
#36
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.80 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 539

Ion	Ratio	Lower	Upper
252	100		
253	108.4	18.8	28.2#
125	133.8	11.8	17.8#





#37
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.80 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:252 Resp: 539

Ion	Ratio	Lower	Upper
252	100		
253	108.4	18.3	27.5#
125	133.8	12.2	18.4#