Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121015\
Data File : BM003476.D
Acq On : 11 Dec 2015 05:22
Operator : UM/IZ
Sample : G4725-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB5A(9-10)

Quant Time: Dec 11 07:02:09 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	79827	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	313349	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	174936	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	357478	20.00	ng		0.00
75) Chrysene-d12	21.31	240	368051	20.00	ng		-0.01
86) Perylene-d12	23.56	264	370891	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	646127	143.90	ng		0.00
7) Phenol-d6	6.90	99	854853	137.11	ng		0.00
23) Nitrobenzene-d5	8.89	82	490464	97.05	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	260354	149.02	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	1026301	79.93	ng		0.00
78) Terphenyl-d14	19.76	244	1120126	71.77	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.53	42	3517	2.10	ng	#	1
9) Benzaldehyde	6.87	77	13147	4.30	ng	#	1
10) Phenol	6.92	94	13916	2.10	ng		88
18) Hexachloroethane	8.83	117	249212	112.63	ng	#	1
19) n-Nitroso-di-n-propylamine	8.49	70	37199	9.10	ng	#	69
22) Acetophenone	8.53	105	509212	66.30	ng	#	56
24) Nitrobenzene	8.91	77	37268	6.82	ng	#	25
25) Isophorone	9.44	82	30352	2.97	ng	#	1
26) 2-Nitrophenol	9.65	139	5748	2.08	ng	#	1
31) Naphthalene	10.56	128	215542	13.15	ng	#	81
32) Benzoic acid	9.84	122	368	Below Cal		#	1
33) 4-Chloroaniline	10.63	127	16253	2.40	ng	#	1
35) Caprolactam	11.43	113	4946	3.26	ng	#	1
37) 2-Methylnaphthalene	12.18	142	52138	4.64	ng	#	96
49) Dimethylphthalate	13.83	163	199205	13.82	ng	#	99
70) Phenanthrene	17.16	178	51586	2.57	ng		99

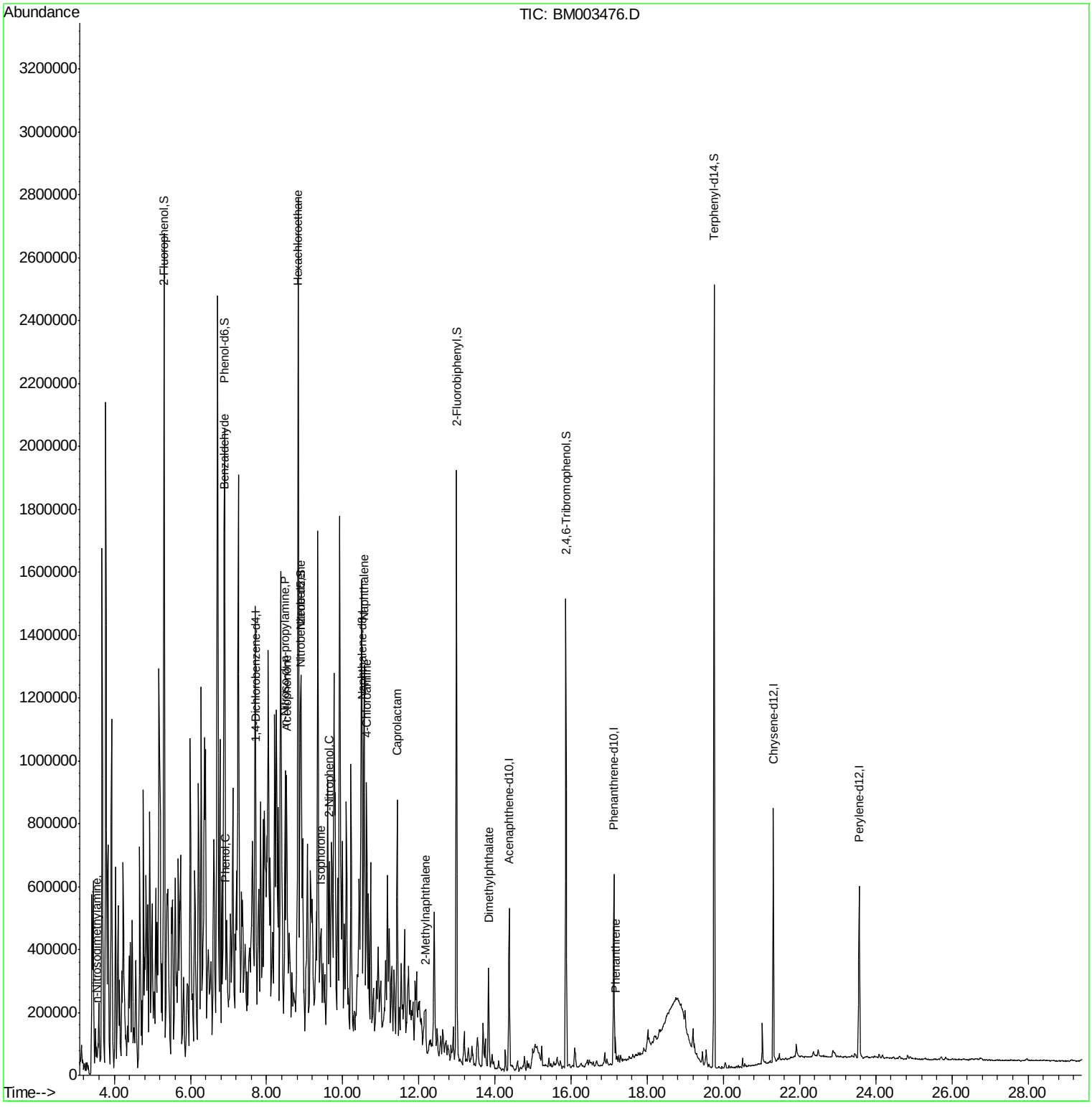
(#) = qualifier out of range (m) = manual integration (+) = signals summed

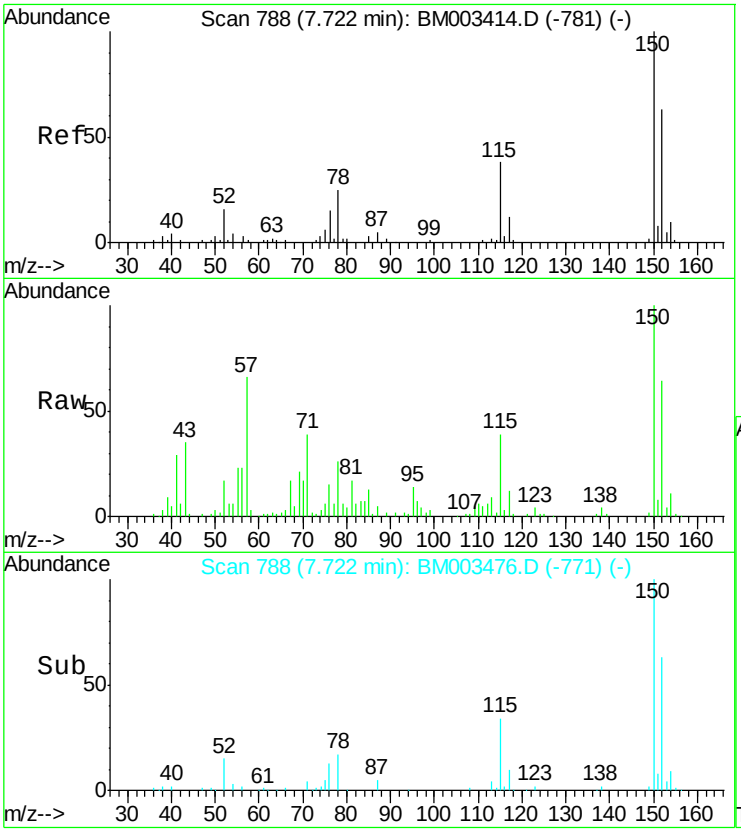
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121015\
Data File : BM003476.D
Acq On : 11 Dec 2015 05:22
Operator : UM/IZ
Sample : G4725-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Quant Time: Dec 11 07:02:09 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration



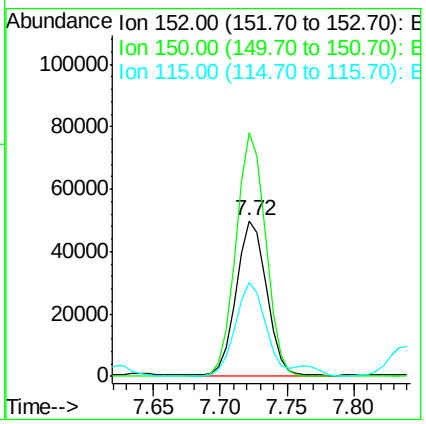


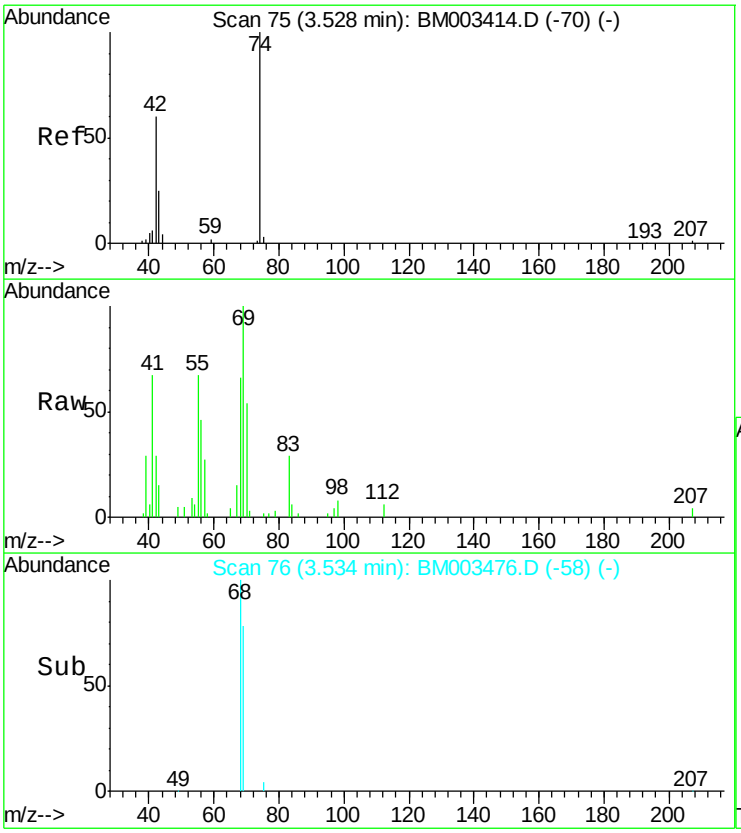
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion:152 Resp: 79827

Ion	Ratio	Lower	Upper
152	100		
150	156.2	119.5	179.3
115	60.2	43.0	64.4

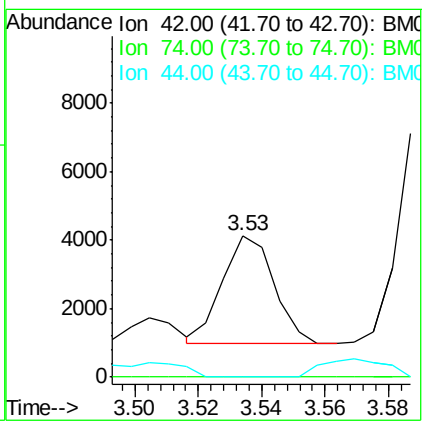


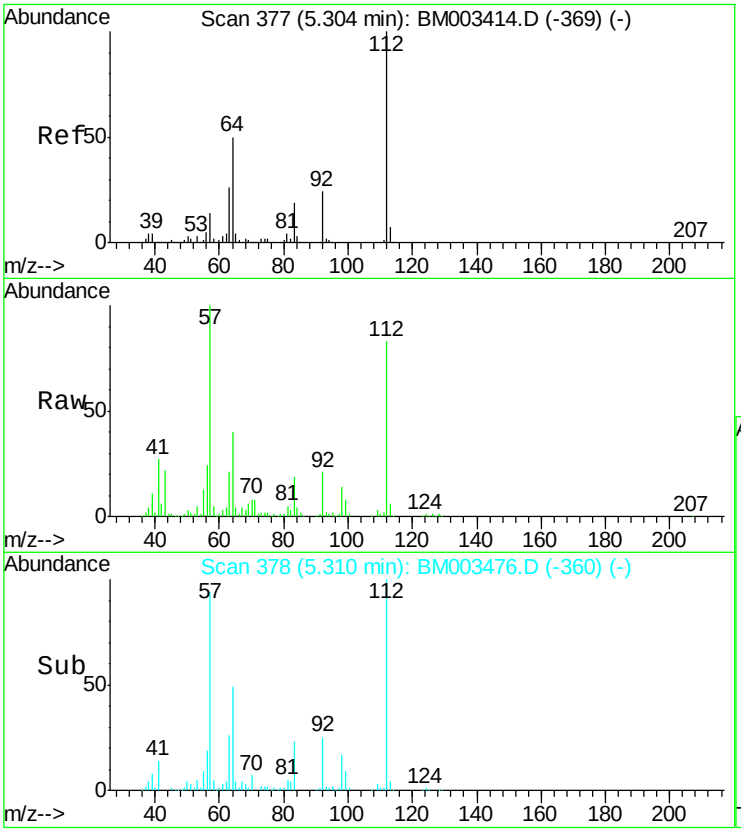


#4
n-Nitrosodimethylamine
Concen: 2.10 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion: 42 Resp: 3517

Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.3	178.9#
44	0.0	5.4	8.2#



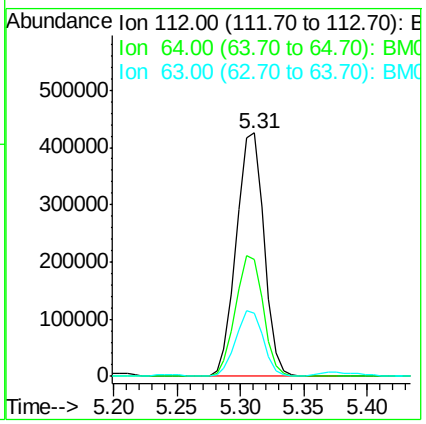


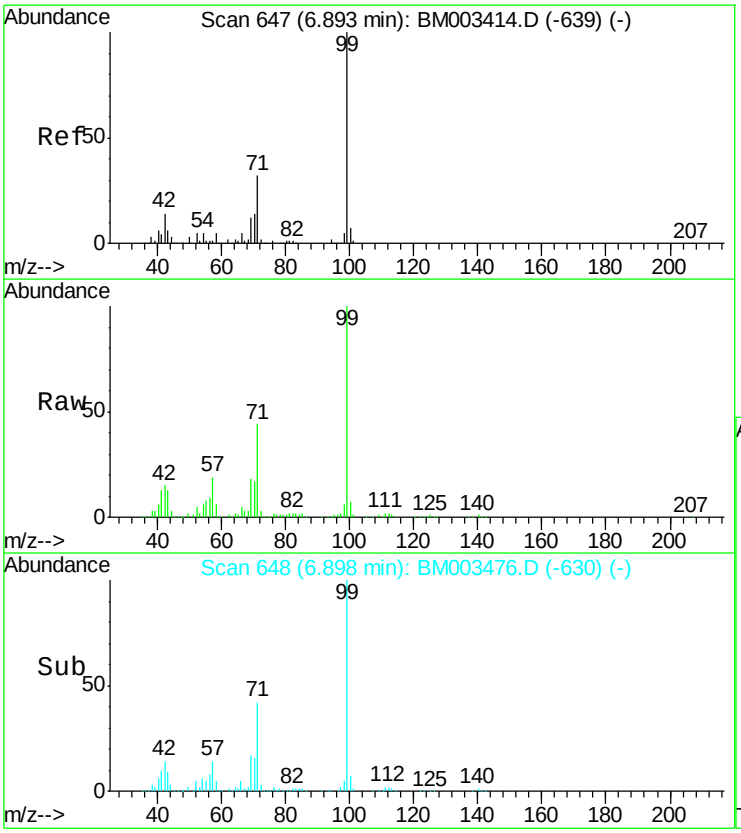
#5
2-Fluorophenol
Concen: 143.90 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion:112 Resp: 646127

Ion	Ratio	Lower	Upper
112	100		
64	48.2	38.6	57.8
63	25.8	19.3	28.9

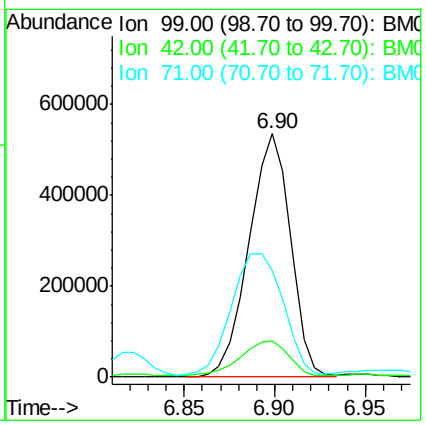


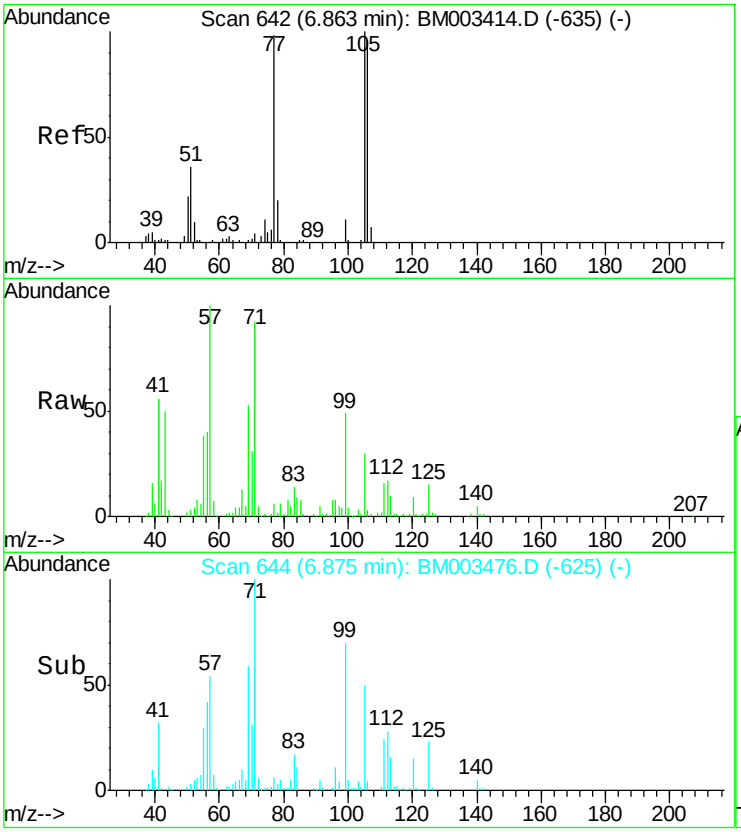


#7
Phenol-d6
Concen: 137.11 ng
RT: 6.90 min Scan# 648
Delta R.T. 0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion: 99 Resp: 854853

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.0	16.4
71	44.0	23.4	35.2#



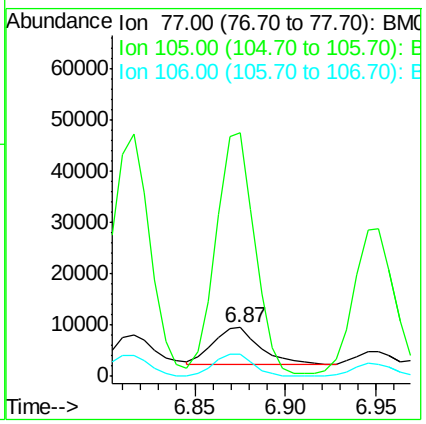


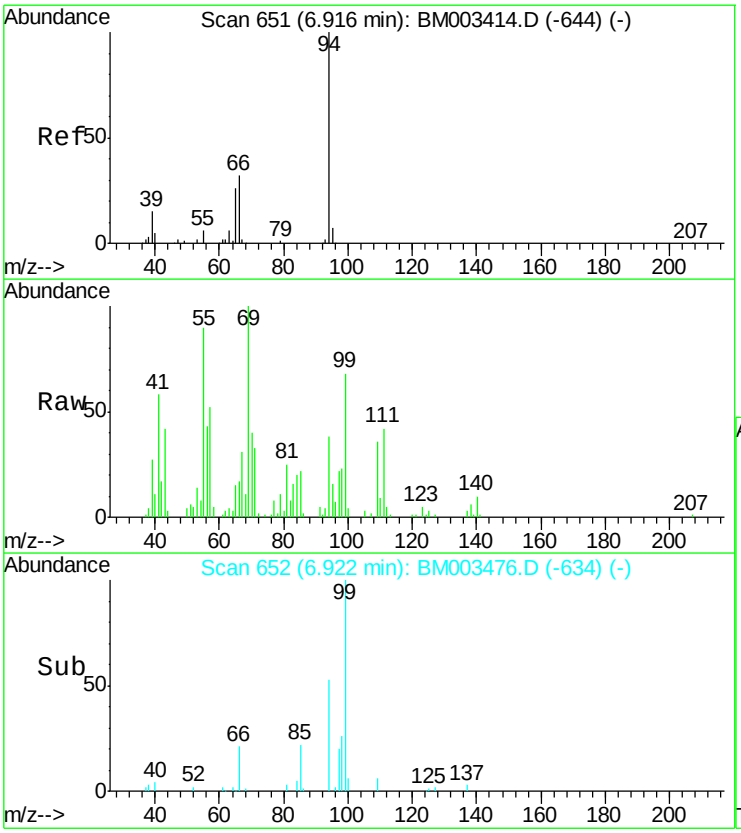
#9
Benzaldehyde
Concen: 4.30 ng
RT: 6.87 min Scan# 644
Delta R.T. 0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion: 77 Resp: 13147

Ion	Ratio	Lower	Upper
77	100		
105	500.8	78.8	118.8#
106	44.7	73.7	113.7#

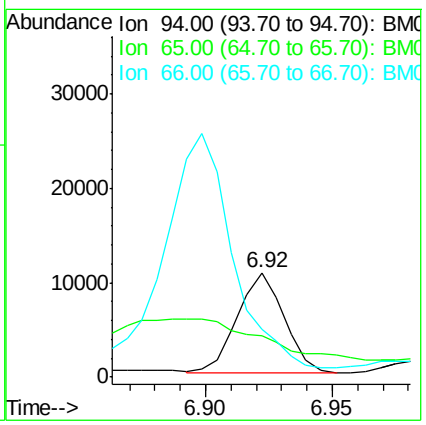


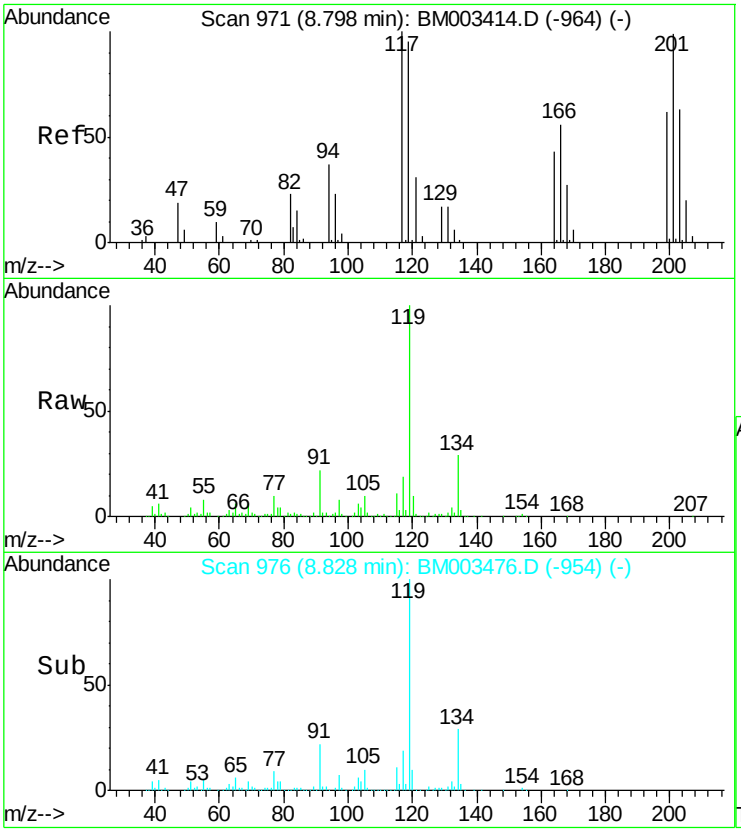


#10
Phenol
Concen: 2.10 ng
RT: 6.92 min Scan# 652
Delta R.T. 0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion: 94 Resp: 13916

Ion	Ratio	Lower	Upper
94	100		
65	39.1	18.8	58.8
66	45.6	39.9	79.9



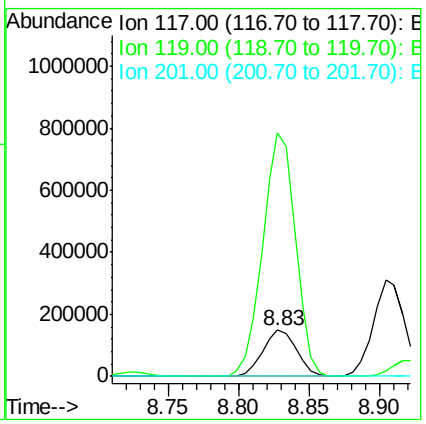


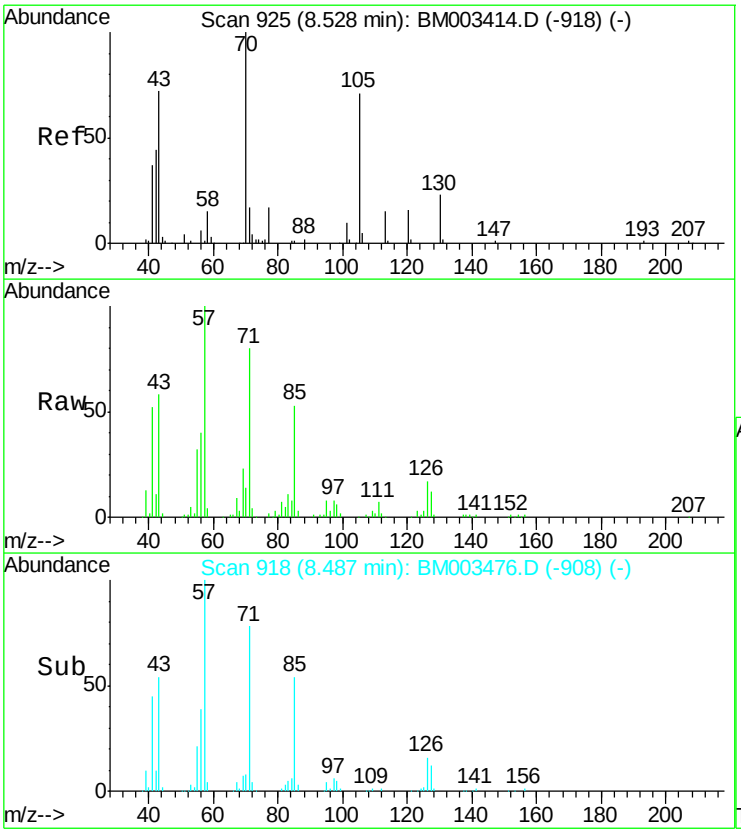
#18
Hexachloroethane
Concen: 112.63 ng
RT: 8.83 min Scan# 976
Delta R.T. 0.03 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion:117 Resp: 249212

Ion	Ratio	Lower	Upper
117	100		
119	524.6	79.2	118.8#
201	0.0	69.8	104.6#

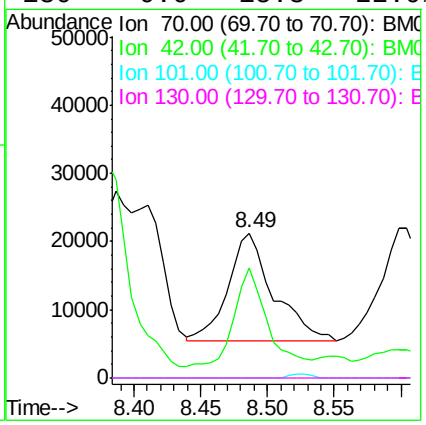


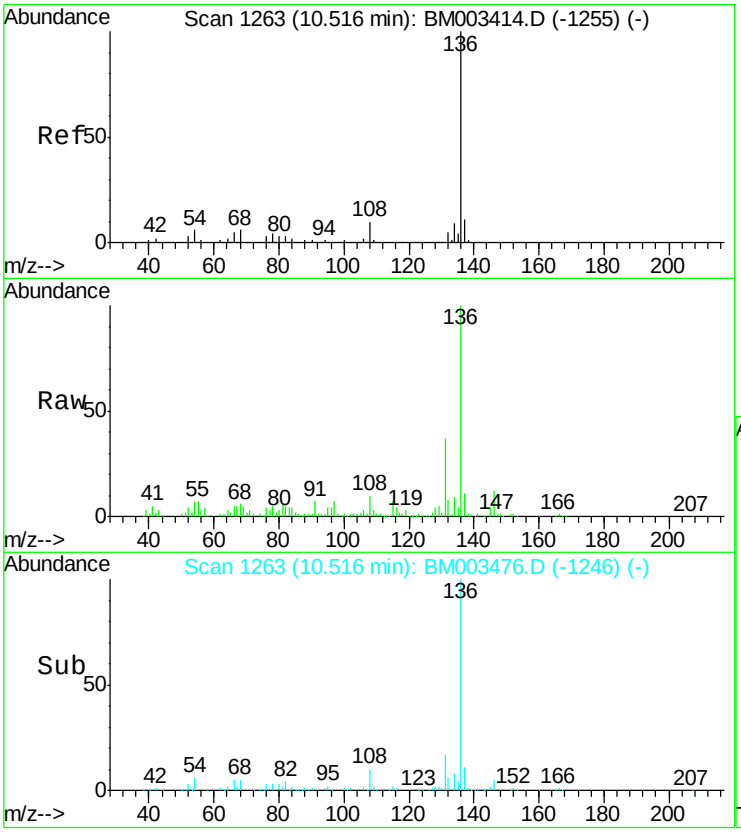


#19
n-Nitroso-di-n-propylamine
Concen: 9.10 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.04 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion: 70 Resp: 37199

Ion	Ratio	Lower	Upper
70	100		
42	75.6	44.5	66.7#
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#



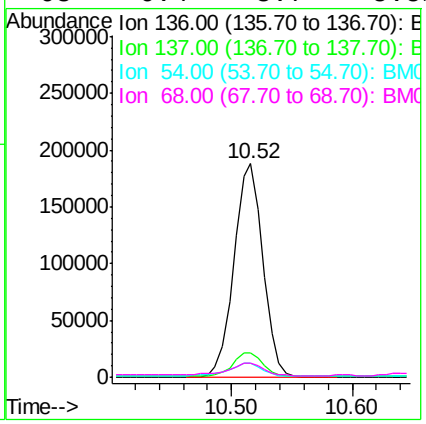


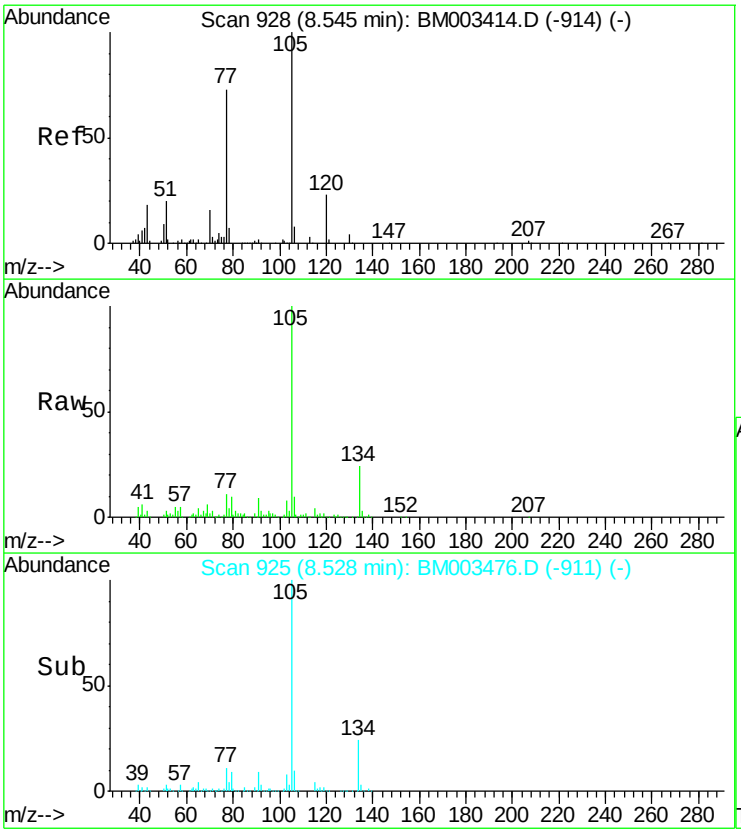
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion:136 Resp: 313349

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.5	4.6	6.8
68	6.4	3.7	5.5#

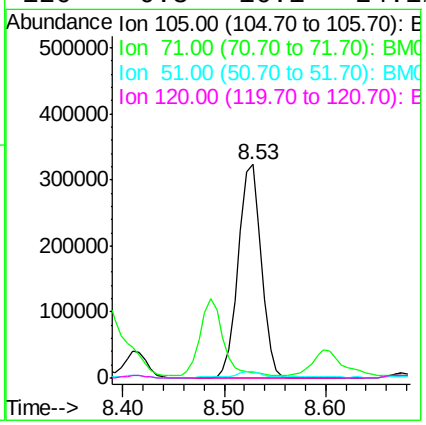


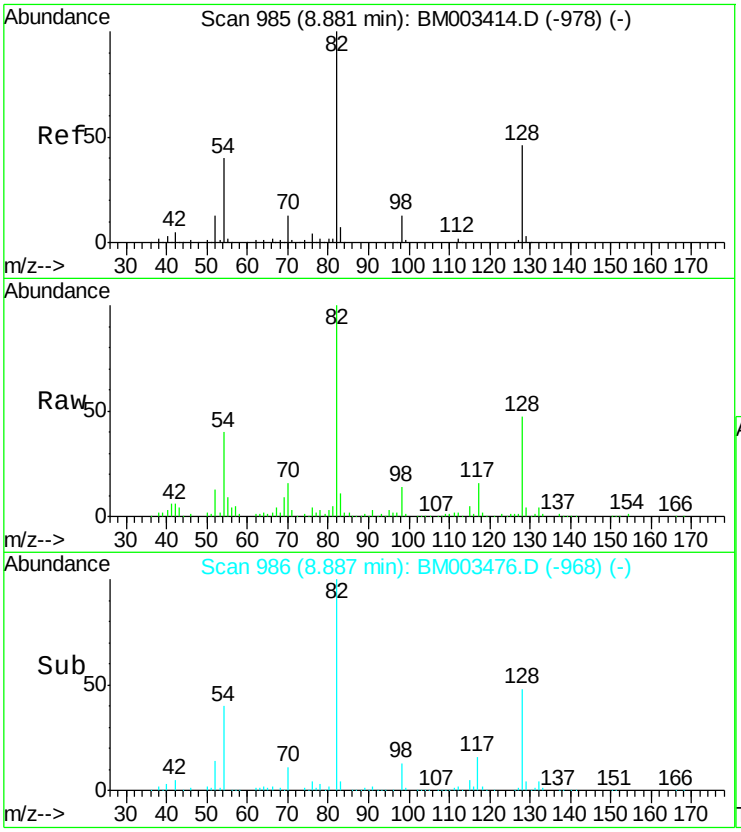


#22
Acetophenone
Concen: 66.30 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion:105 Resp: 509212

Ion	Ratio	Lower	Upper
105	100		
71	2.5	0.6	1.0#
51	3.0	21.6	32.4#
120	0.3	16.1	24.1#



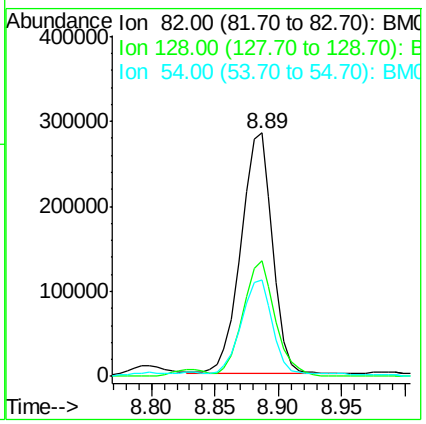


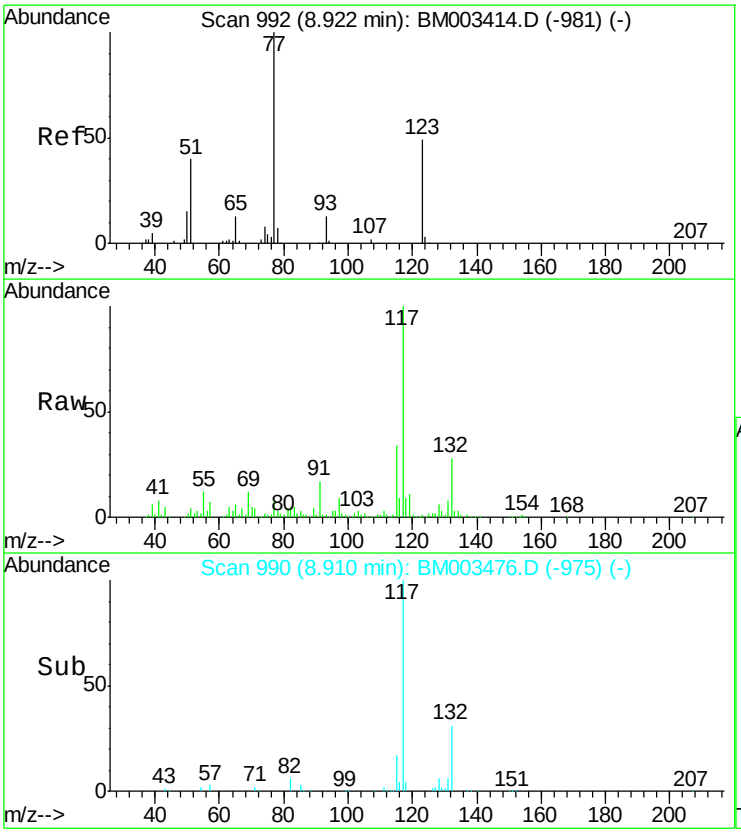
#23
Nitrobenzene-d5
Concen: 97.05 ng
RT: 8.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion: 82 Resp: 490464

Ion	Ratio	Lower	Upper
82	100		
128	47.4	32.8	49.2
54	39.6	40.6	60.8#

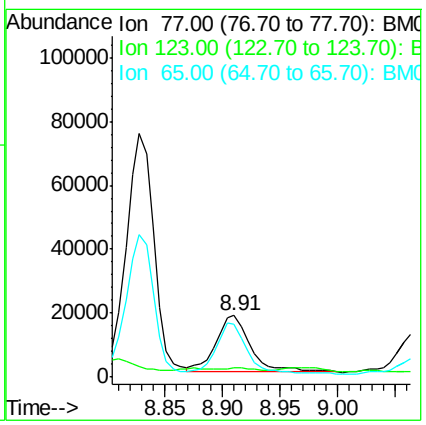


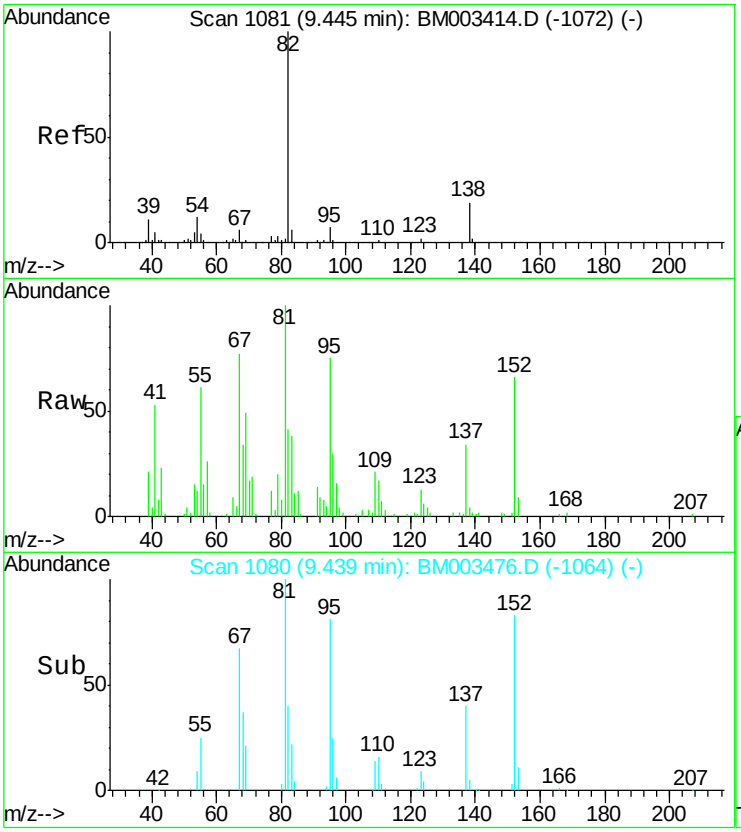


#24
Nitrobenzene
Concen: 6.82 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion: 77 Resp: 37268

Ion	Ratio	Lower	Upper
77	100		
123	15.9	32.6	49.0#
65	85.5	10.9	16.3#



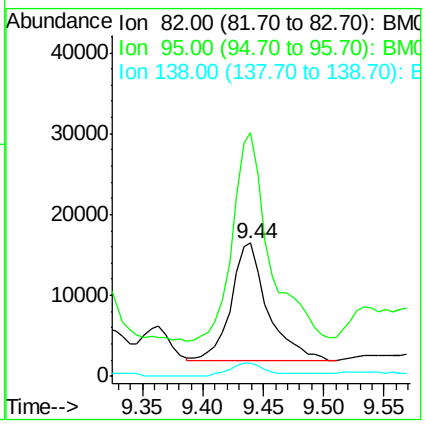


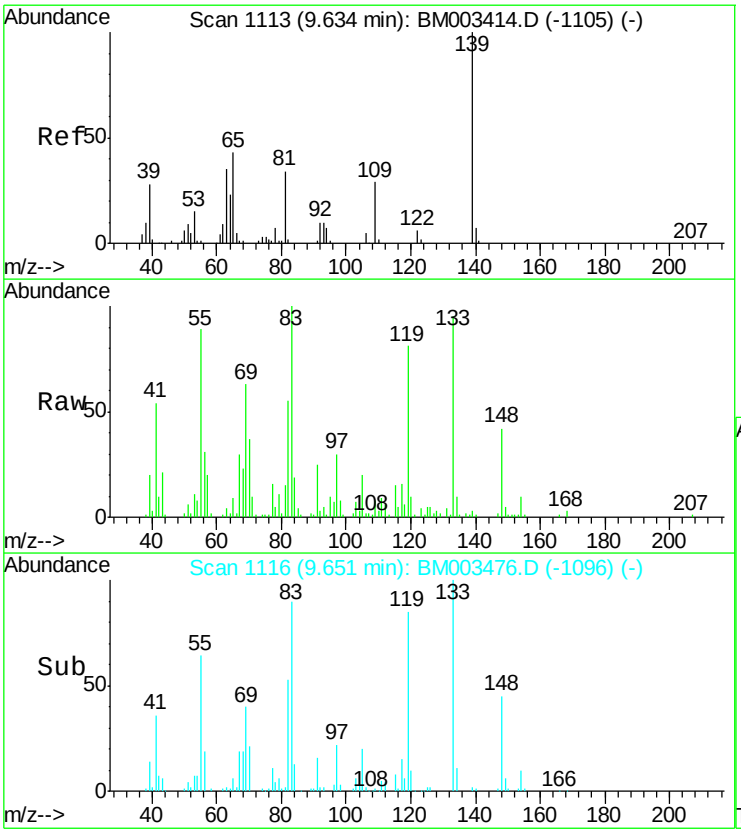
#25
Isophorone
Concen: 2.97 ng
RT: 9.44 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion: 82 Resp: 30352

Ion	Ratio	Lower	Upper
82	100		
95	182.5	5.8	8.6#
138	10.4	16.3	24.5#

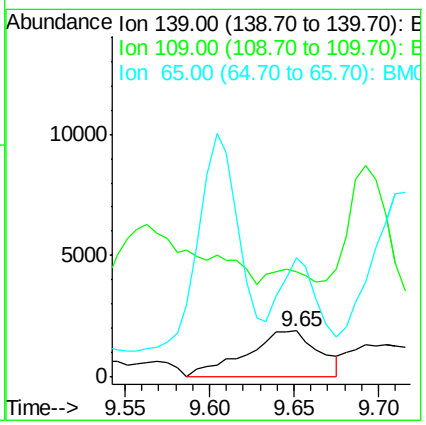


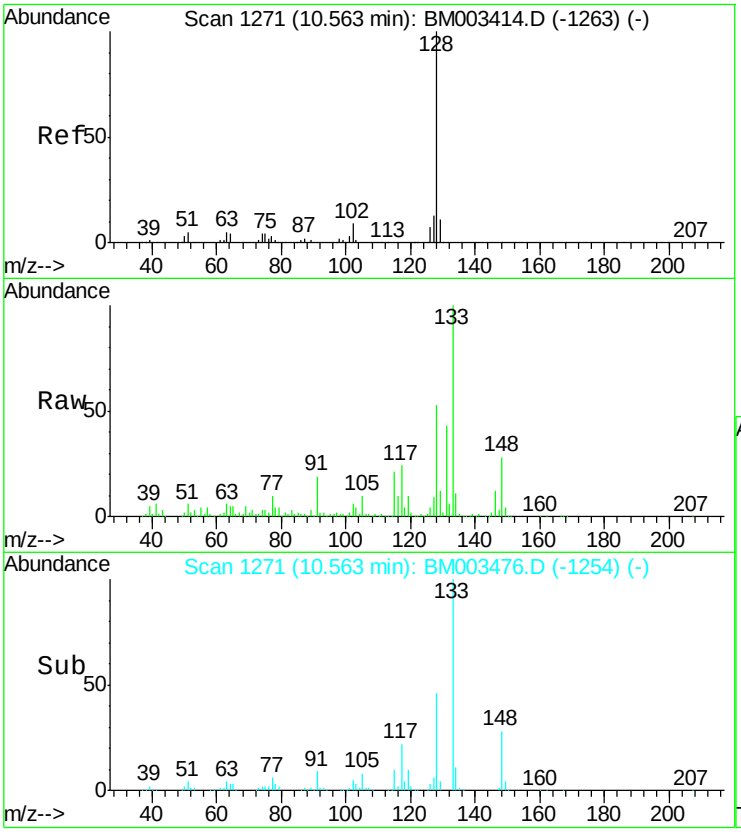


#26
2-Nitrophenol
Concen: 2.08 ng
RT: 9.65 min Scan# 1116
Delta R.T. 0.02 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion:139 Resp: 5748

Ion	Ratio	Lower	Upper
139	100		
109	228.0	20.1	30.1#
65	258.3	31.5	47.3#



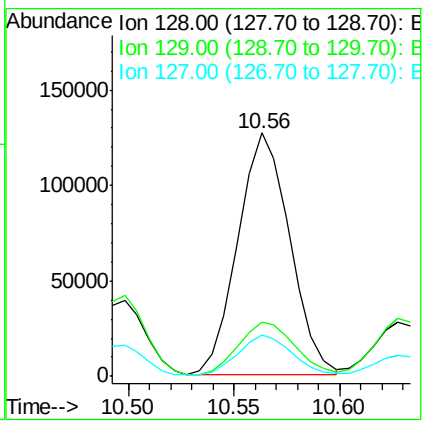


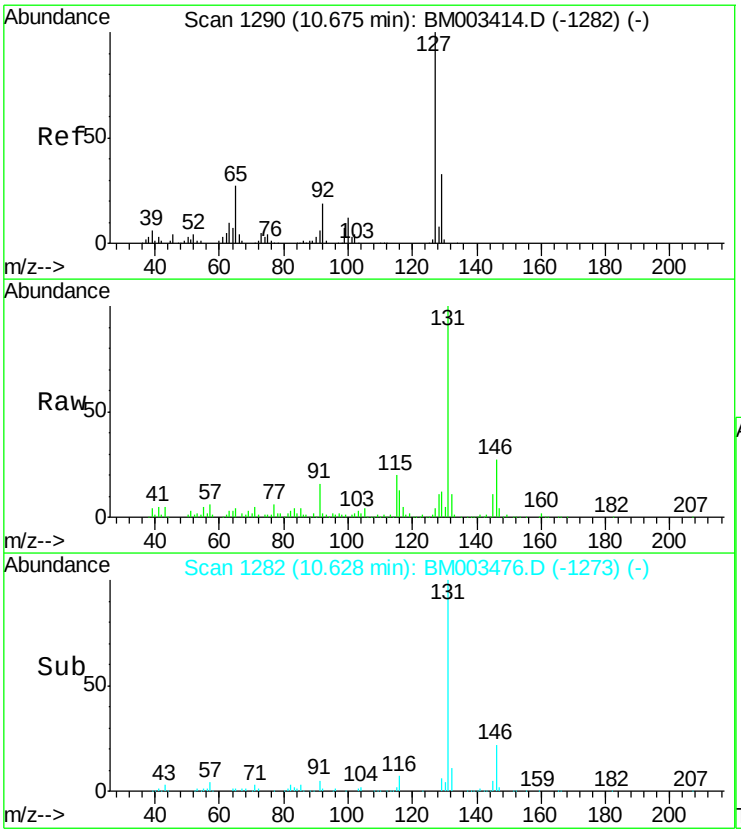
#31
Naphthalene
Concen: 13.15 ng
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion:128 Resp: 215542

Ion	Ratio	Lower	Upper
128	100		
129	22.4	8.9	13.3#
127	16.8	10.4	15.6#

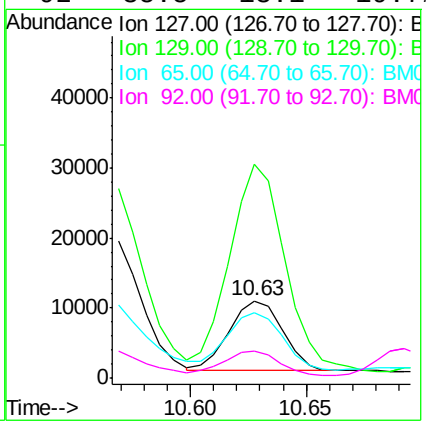


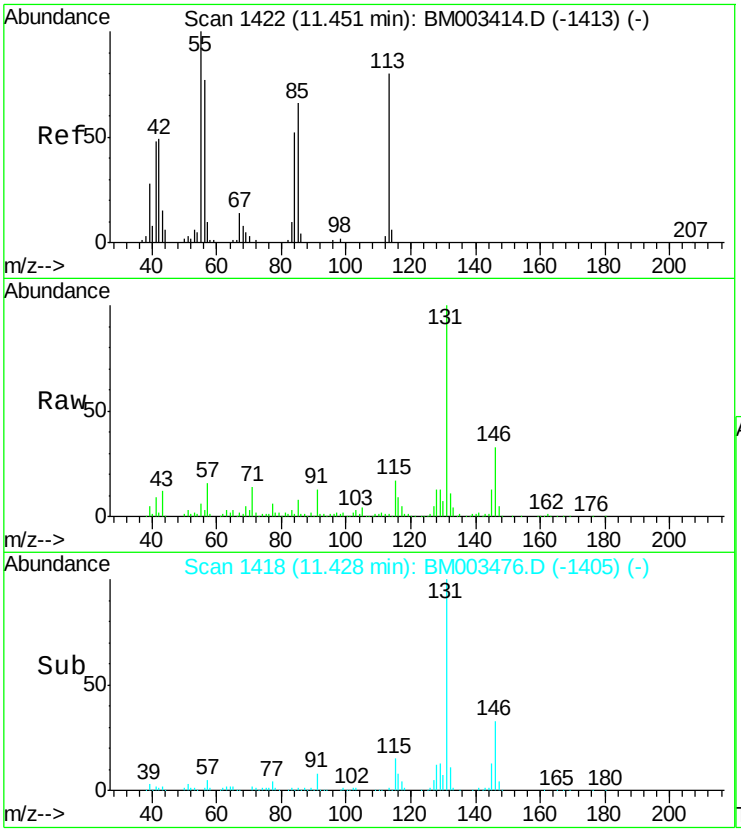


#33
4-Chloroaniline
Concen: 2.40 ng
RT: 10.63 min Scan# 1282
Delta R.T. -0.05 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion:127 Resp: 16253

Ion	Ratio	Lower	Upper
127	100		
129	278.1	25.3	37.9#
65	85.6	17.6	26.4#
92	35.5	13.1	19.7#



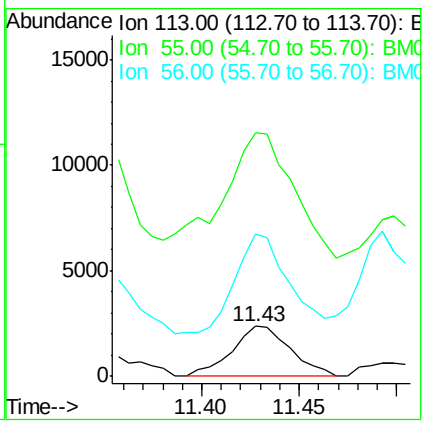


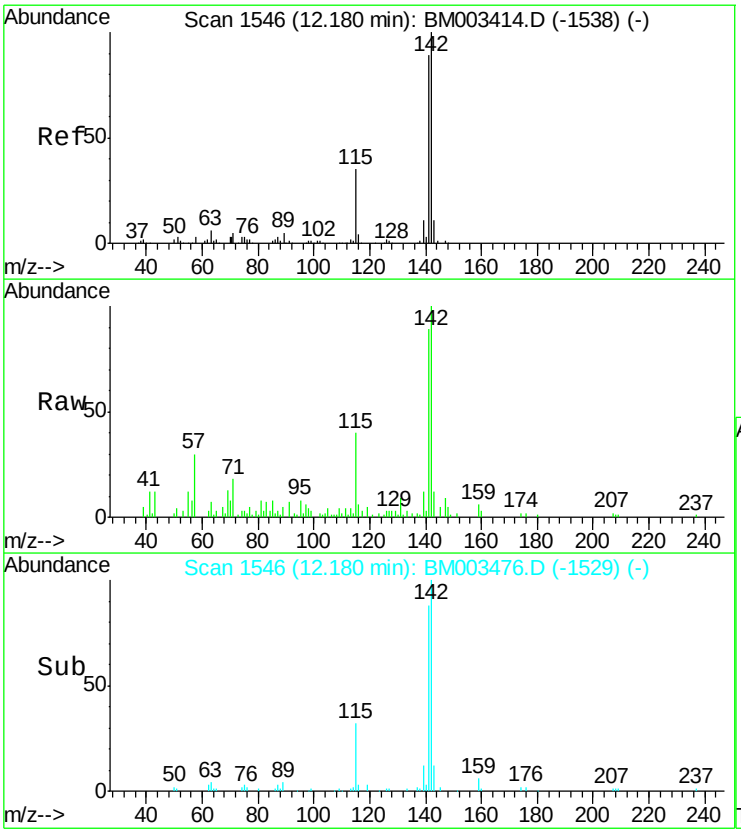
#35
Caprolactam
Concen: 3.26 ng
RT: 11.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion:113 Resp: 4946

Ion	Ratio	Lower	Upper
113	100		
55	484.9	145.9	185.9#
56	284.3	101.0	141.0#

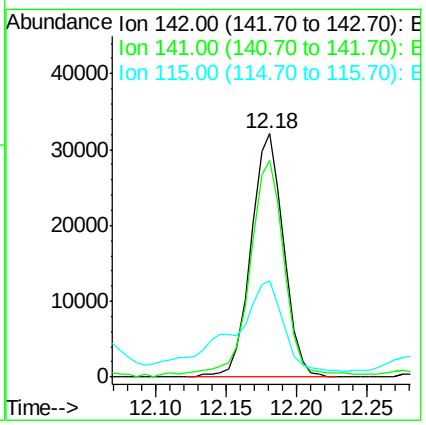


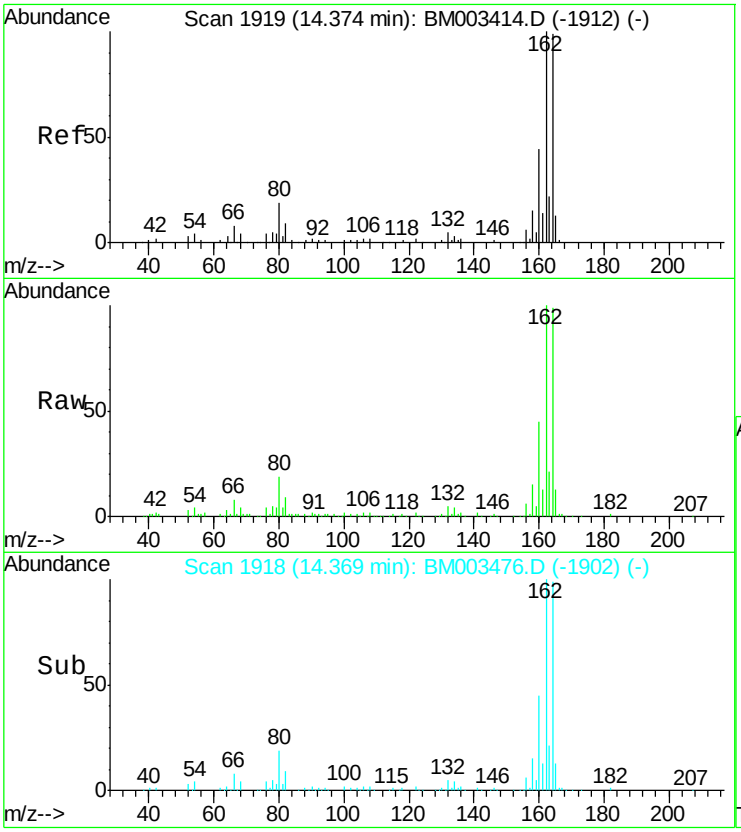


#37
2-Methylnaphthalene
Concen: 4.64 ng
RT: 12.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion:142 Resp: 52138

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
115	39.7	25.4	38.0#



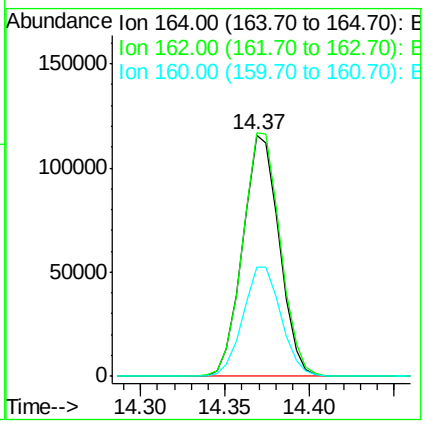


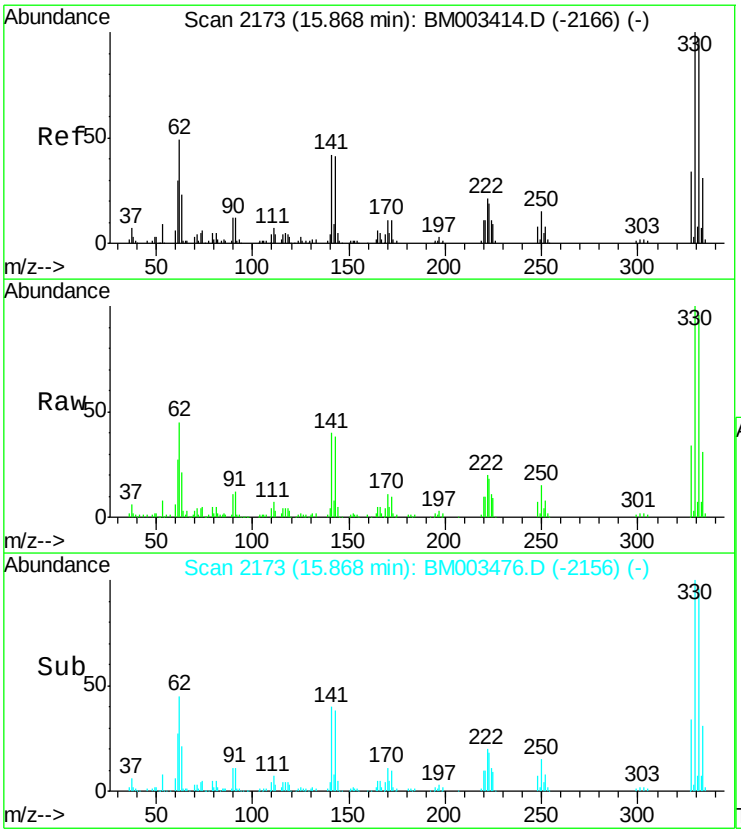
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion:164 Resp: 174936

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.4	123.6
160	45.2	35.8	53.6

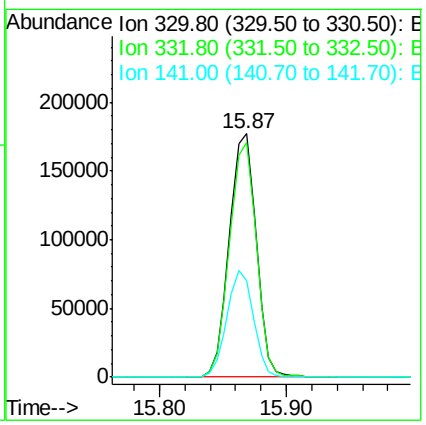


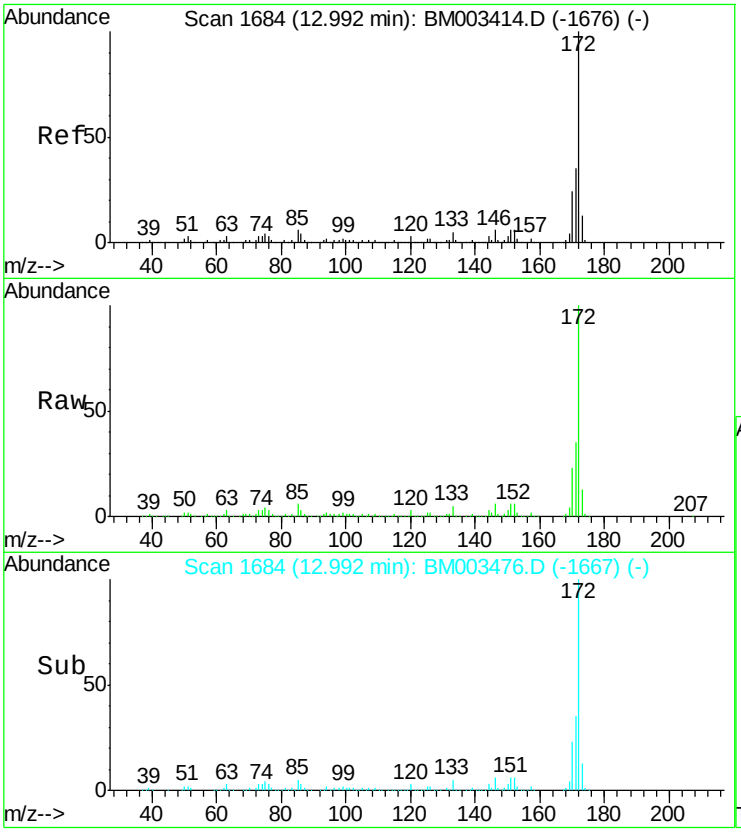


#41
2,4,6-Tribromophenol
Concen: 149.02 ng
RT: 15.87 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion:330 Resp: 260354

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	43.3	0.0	0.0#



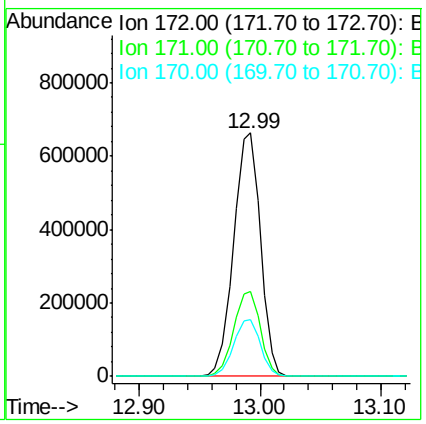


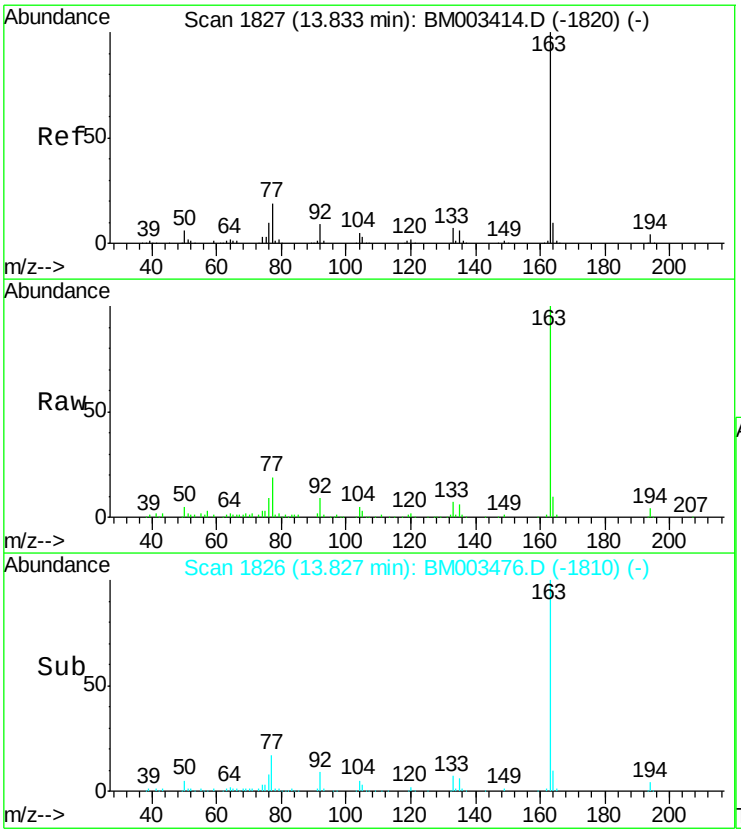
#44
2-Fluorobiphenyl
Concen: 79.93 ng
RT: 12.99 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion:172 Resp: 1026301

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.4	18.8	28.2

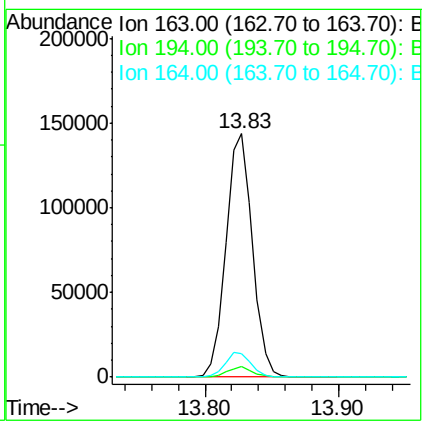


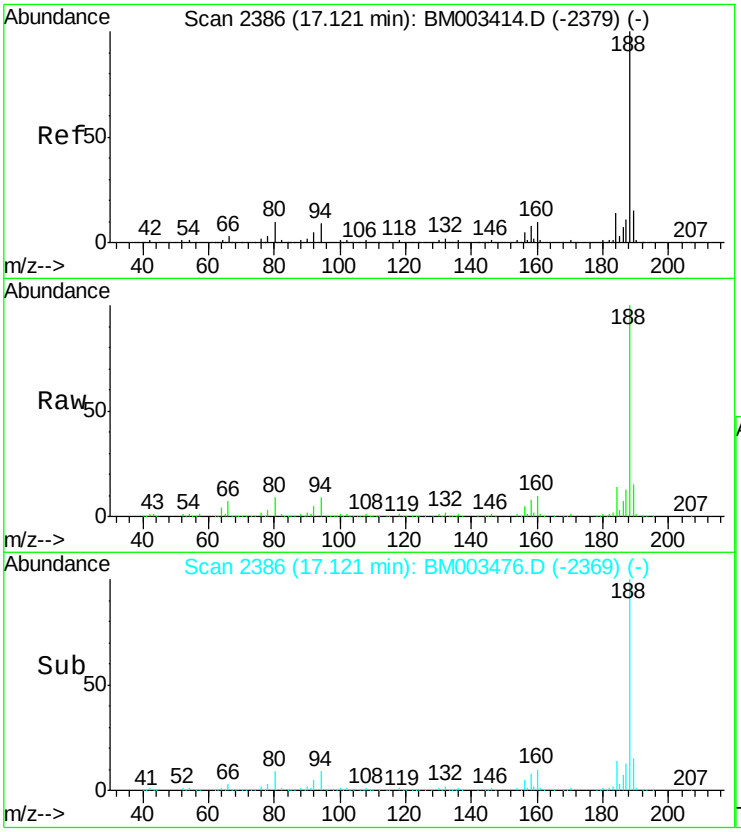


#49
Dimethylphthalate
Concen: 13.82 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion:163 Resp: 199205

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.9	8.2	12.2



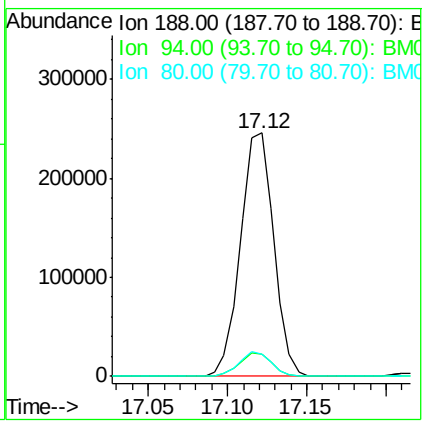


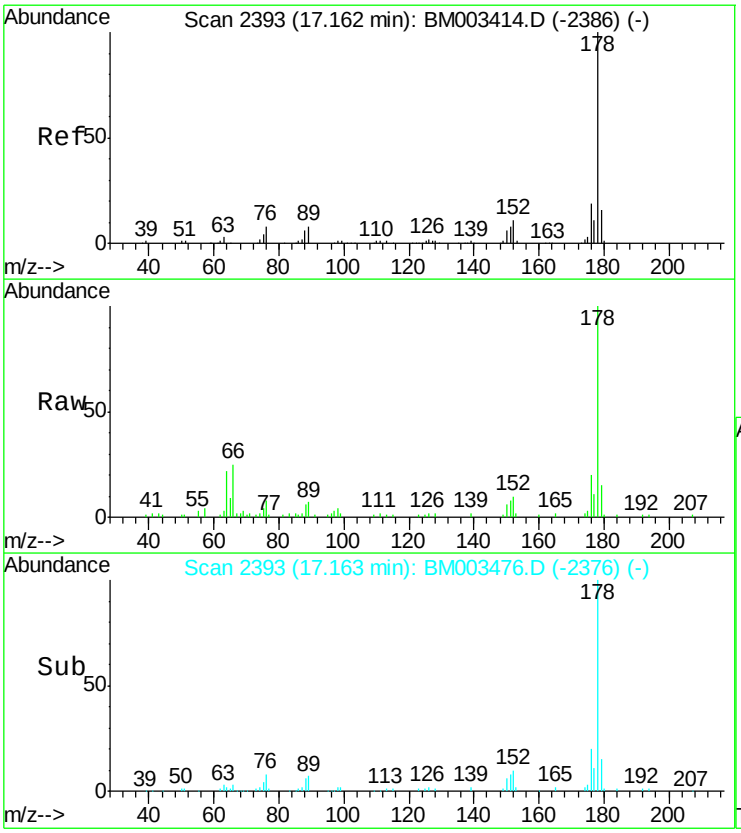
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion:188 Resp: 357478

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.7	13.1
80	9.4	9.3	13.9

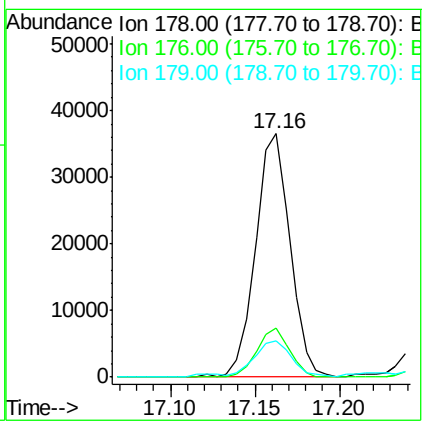


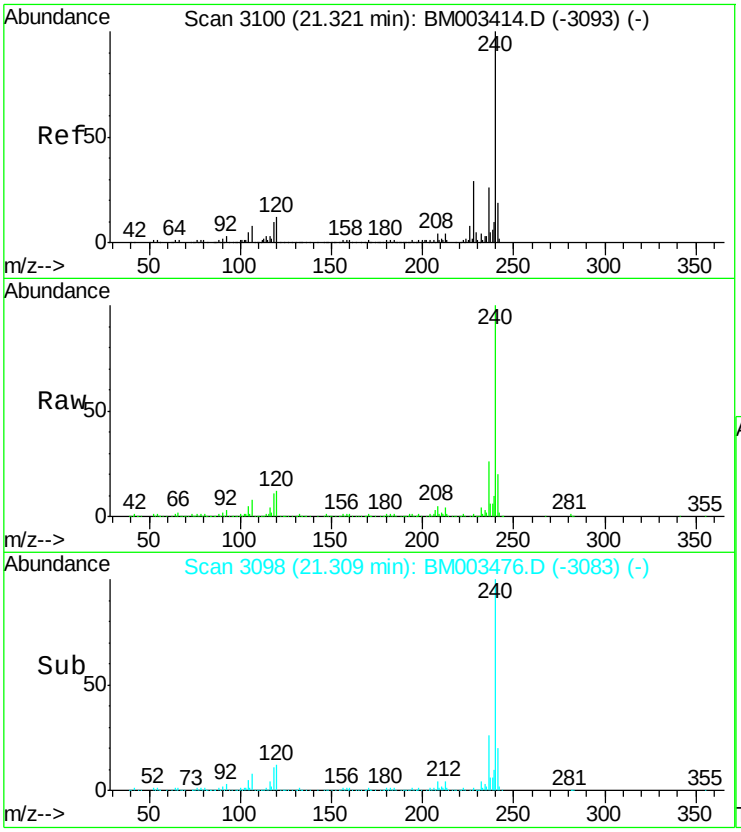


#70
Phenanthrene
Concen: 2.57 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion:178 Resp: 51586

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.2	22.8
179	15.1	12.1	18.1



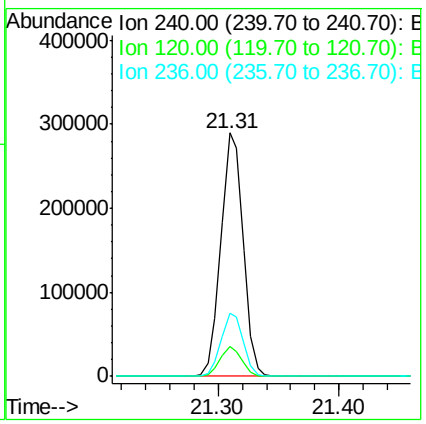


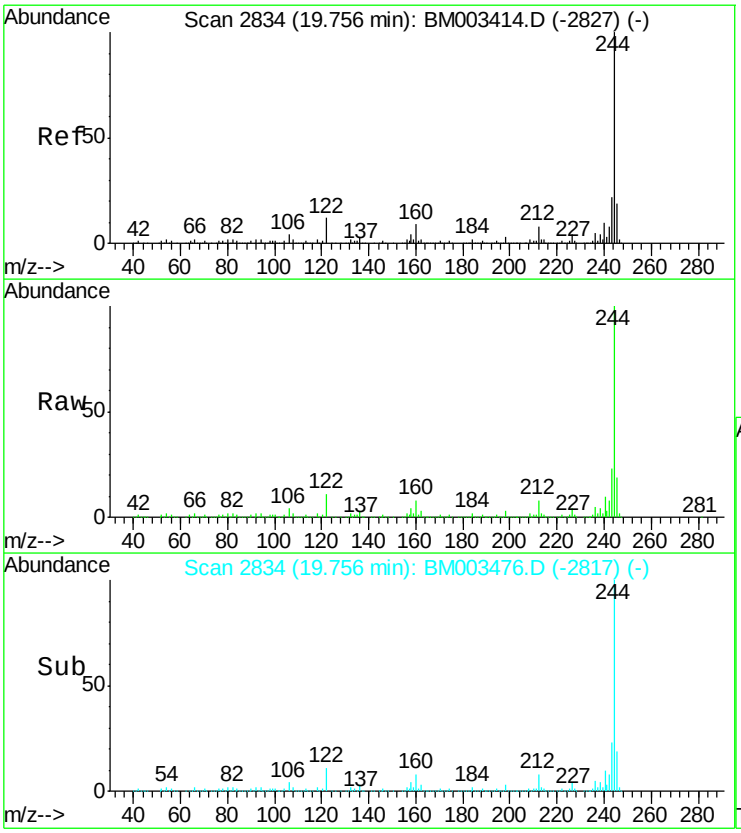
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion:240 Resp: 368051

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.2	12.2
236	26.0	20.0	30.0

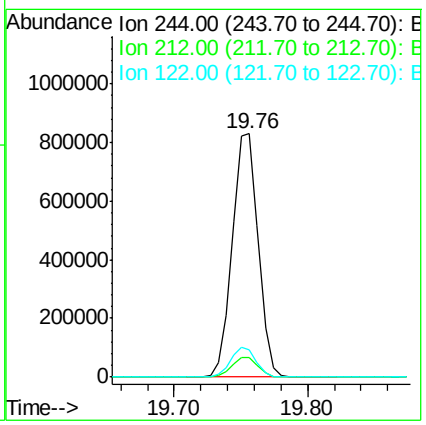


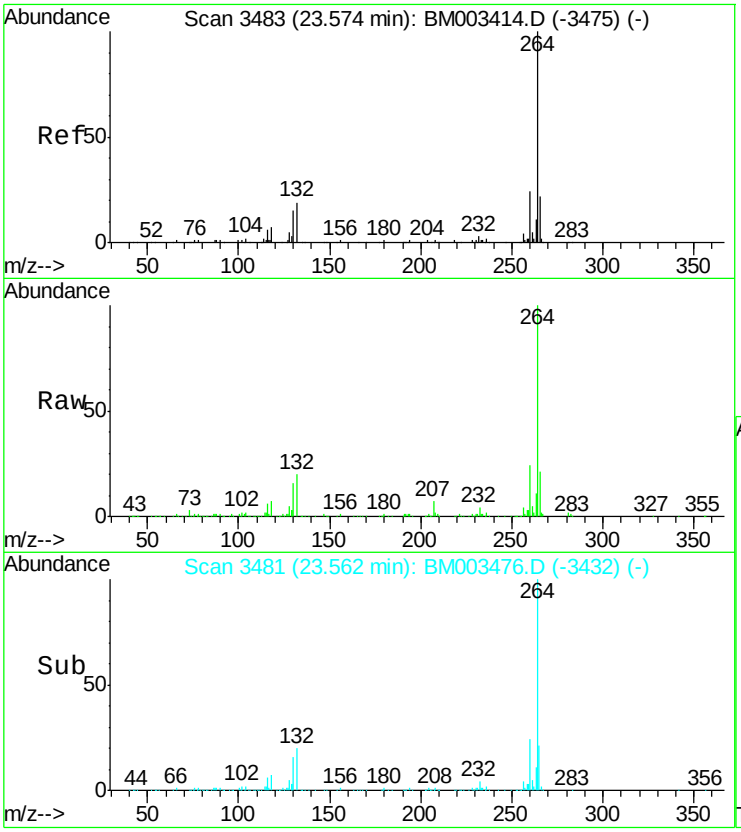


#78
Terphenyl-d14
Concen: 71.77 ng
RT: 19.76 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion:244 Resp: 1120126

Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	11.1	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tgt Ion:264 Resp: 370891

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.3	17.3	25.9