Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010008.D
Acq On : 12 May 2017 05:18
Operator : SJ/MA
Sample : I3079-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 12 07:02:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	57016	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	228425	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	141639	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	328466	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	377732	20.00	ng	-0.03
86) Perylene-d12	23.65	264	312850	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	148893	40.87	ng	-0.01
7) Phenol-d6	6.94	99	183214	31.38	ng	-0.03
23) Nitrobenzene-d5	8.93	82	592441	94.78	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	278097	143.46	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1025678	96.84	ng	-0.02
78) Terphenyl-d14	19.79	244	1611337	89.90	ng	-0.02
Target Compounds						Qvalue
3) Pyridine	3.82	79	184	0.04	ng	# 7
4) n-Nitrosodimethylamine	3.60	42	117	0.04	ng	# 1
8) 2-Chlorophenol	7.33	128	118	0.03	ng	# 1
9) Benzaldehyde	6.94	77	219	0.05	ng	# 2
10) Phenol	6.97	94	3878	0.61	ng	89
15) Benzyl Alcohol	8.08	79	7997	1.61	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	8.27	45	2153	0.28	ng	66
24) Nitrobenzene	8.94	77	2592	0.39	ng	# 31
25) Isophorone	9.46	82	116	0.01	ng	# 62
31) Naphthalene	10.57	128	4112	0.33	ng	# 1
47) 2-Nitroaniline	13.55	65	10022	2.39	ng	# 5
49) Dimethylphthalate	13.88	163	35503	2.84	ng	# 91
51) Acenaphthene	14.42	154	272	0.03	ng	# 5
59) Diethylphthalate	15.24	149	580	0.04	ng	# 58
62) Azobenzene	15.73	77	144	0.01	ng	# 50
69) Pentachlorophenol	16.83	266	182	6.17	ng	# 32
70) Phenanthrene	17.17	178	112	0.01	ng	# 1
73) Di-n-butylphthalate	18.13	149	1031	0.05	ng	# 39
74) Fluoranthene	19.24	202	142	0.01	ng	# 1
77) Pyrene	19.60	202	115	0.01	ng	# 57
79) Butylbenzylphthalate	20.49	149	1122	0.12	ng	# 86
80) Benzo(a)anthracene	21.36	228	1260	0.06	ng	# 46
81) 3,3'-Dichlorobenzidine	21.29	252	545	0.07	ng	# 26
82) Chrysene	21.39	228	361	0.02	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.24	149	3750	0.27	ng	# 86
84) Di-n-octyl phthalate	22.13	149	507	0.02	ng	# 1
87) Benzo(b)fluoranthene	22.98	252	1466	0.07	ng	# 1
88) Benzo(k)fluoranthene	22.98	252	1466	0.07	ng	# 1
89) Benzo(a)pyrene	23.57	252	448	0.02	ng	# 48

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010008.D
Acq On : 12 May 2017 05:18
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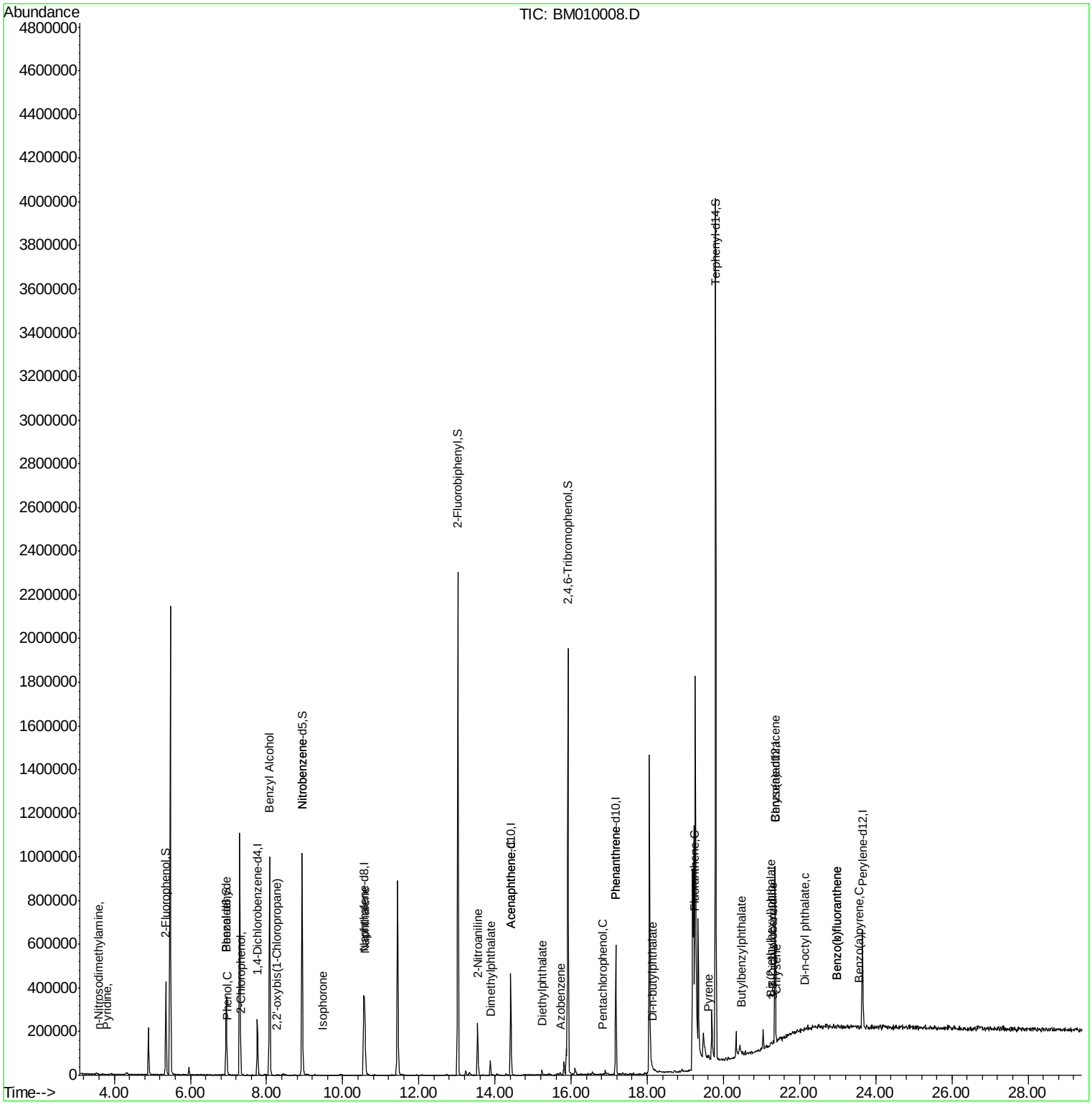
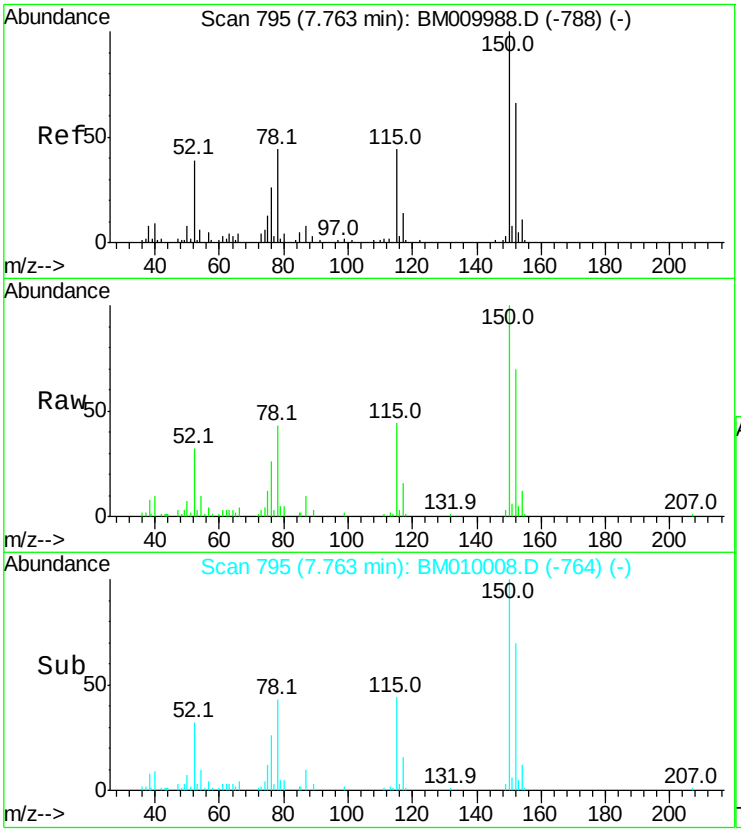
Sample : I3079-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 12 07:02:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration



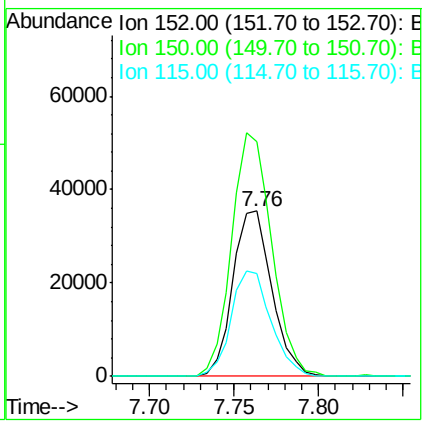


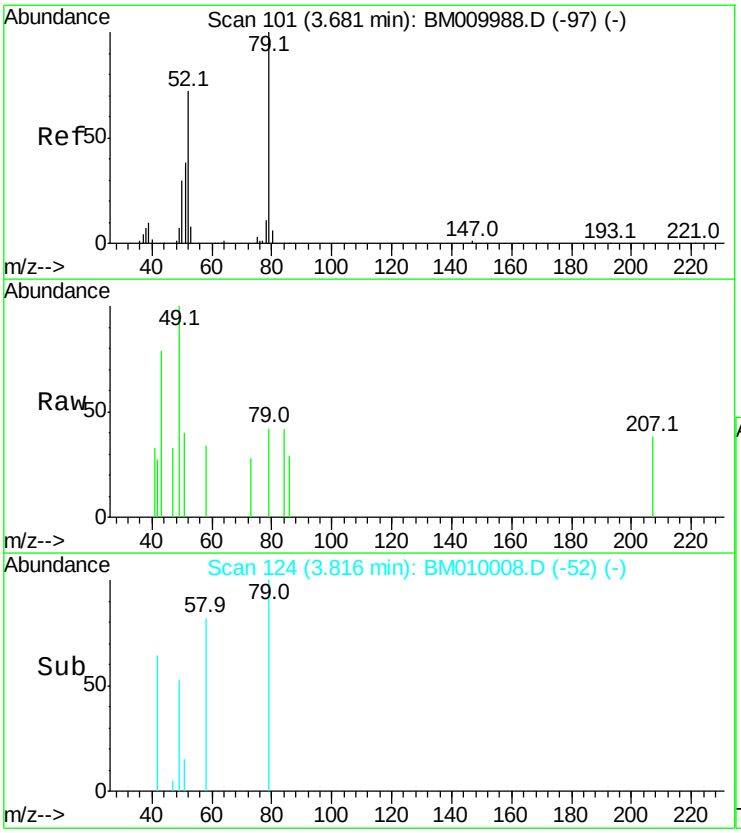
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 57016

Ion	Ratio	Lower	Upper
152	100		
150	142.4	119.5	179.3
115	62.4	43.0	64.4

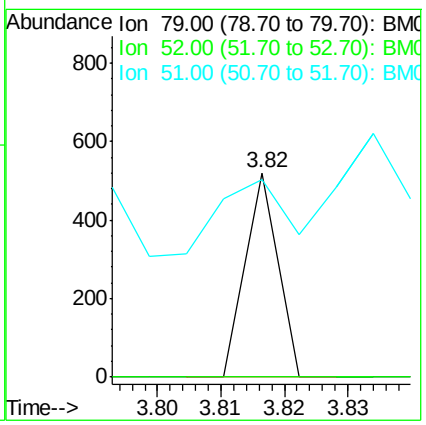


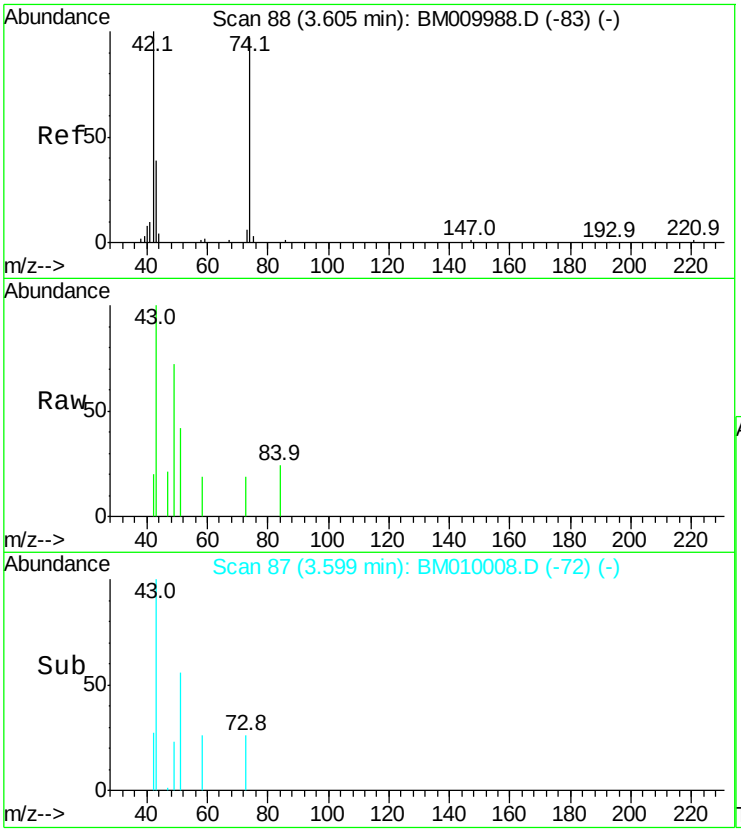


#3
Pyridine
Concen: 0.04 ng
RT: 3.82 min Scan# 124
Delta R.T. 0.12 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion: 79 Resp: 184

Ion	Ratio	Lower	Upper
79	100		
52	0.0	51.1	76.7#
51	96.5	26.1	39.1#



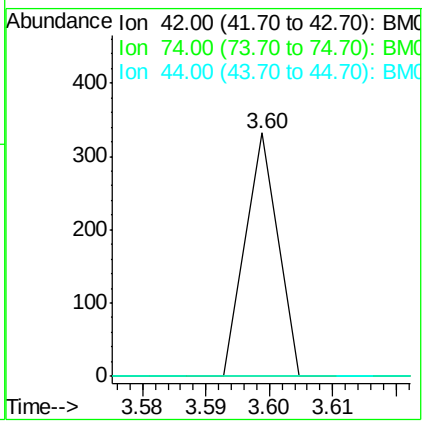


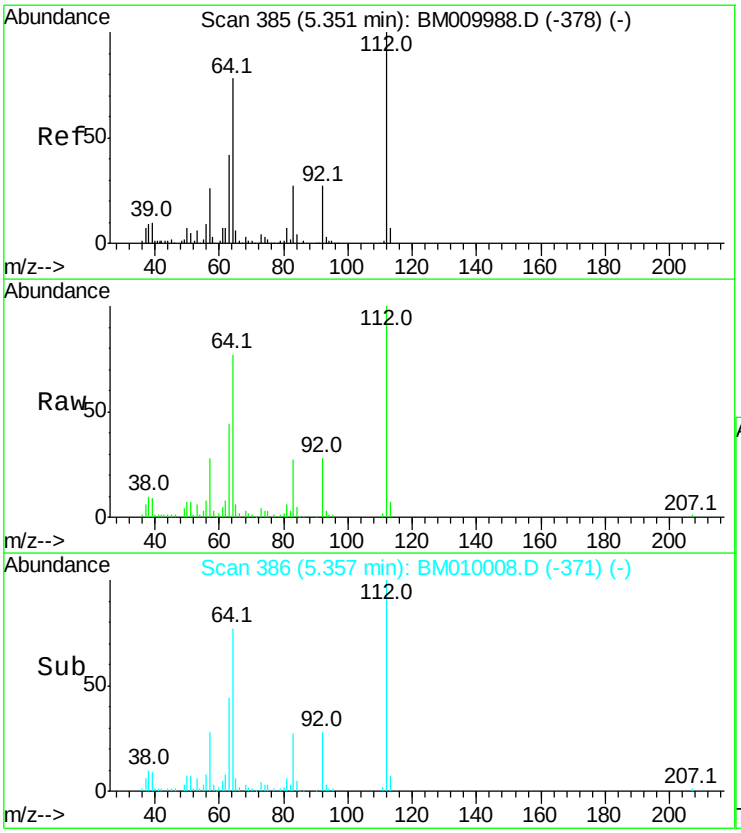
#4
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 117

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

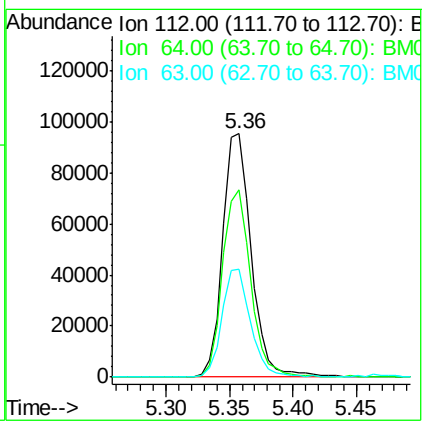


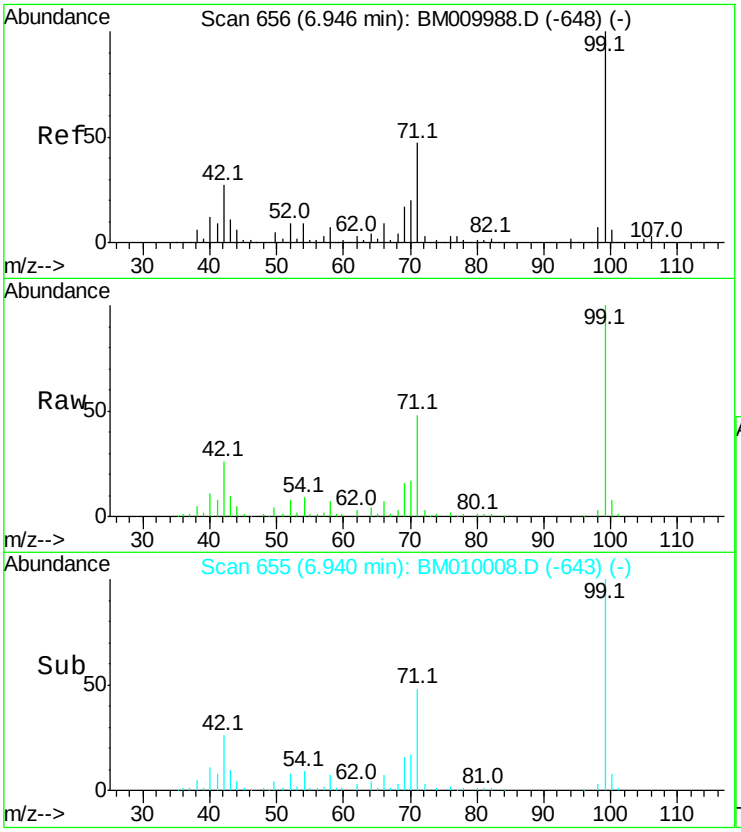


#5
2-Fluorophenol
Concen: 40.87 ng
RT: 5.36 min Scan# 386
Delta R.T. -0.01 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:112 Resp: 148893

Ion	Ratio	Lower	Upper
112	100		
64	76.9	38.6	57.8#
63	44.5	19.3	28.9#



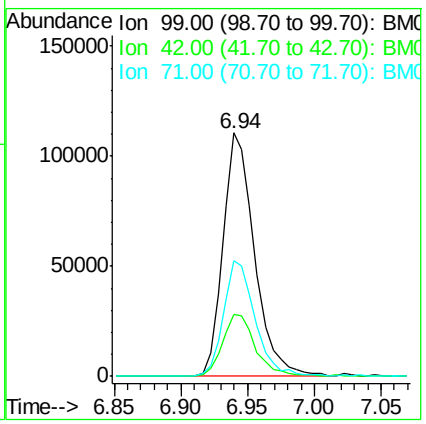


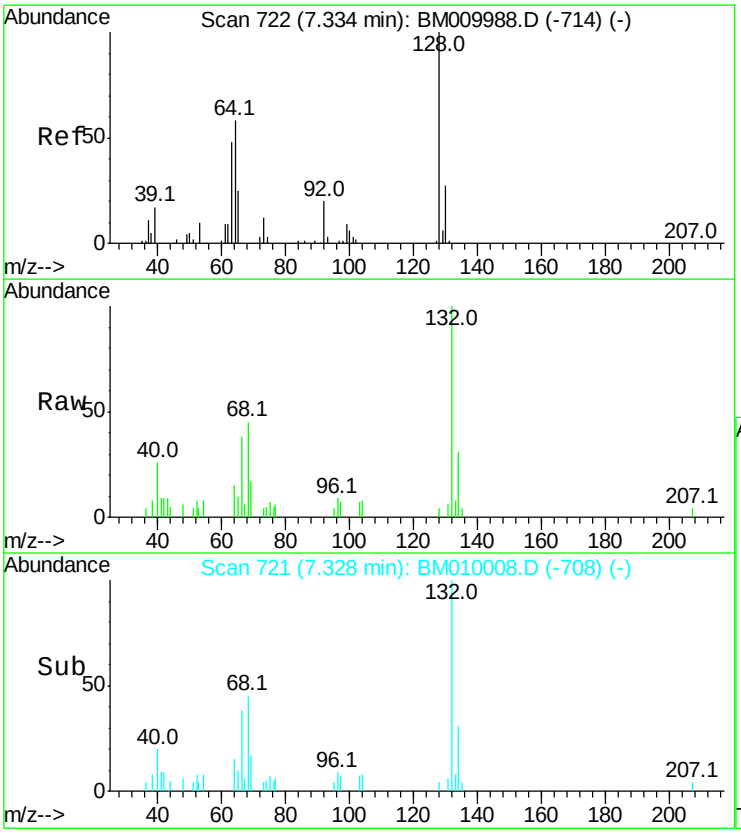
#7
Phenol-d6
Concen: 31.38 ng
RT: 6.94 min Scan# 655
Delta R.T. -0.03 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 183214

Ion	Ratio	Lower	Upper
99	100		
42	25.5	11.0	16.4#
71	47.7	23.4	35.2#

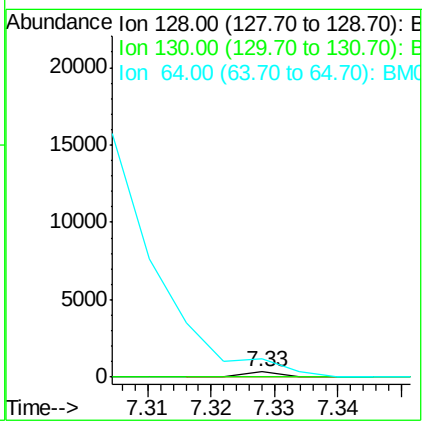


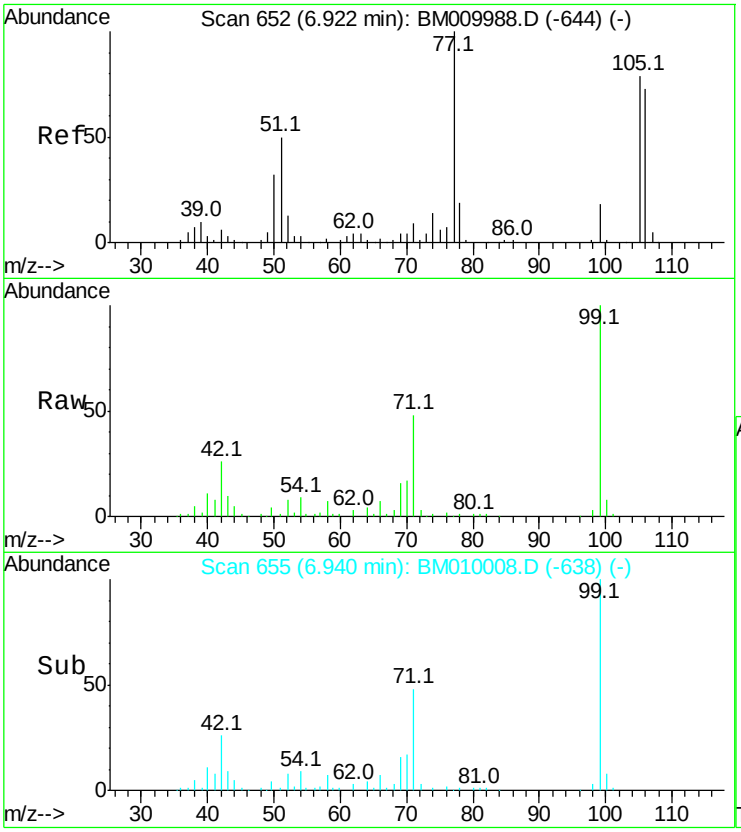


#8
2-Chlorophenol
Concen: 0.03 ng
RT: 7.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:128 Resp: 118

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.0	52.0#
64	351.6	24.9	64.9#



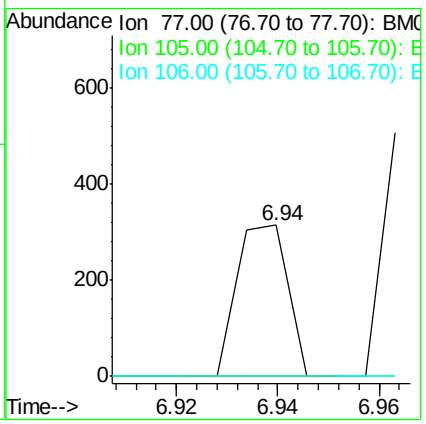


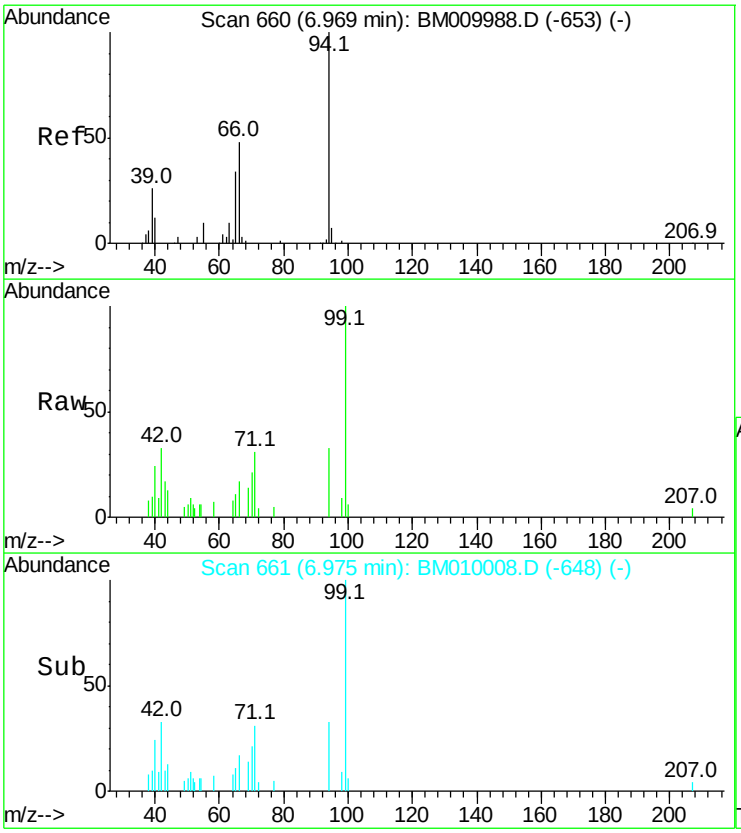
#9
Benzaldehyde
Concen: 0.05 ng
RT: 6.94 min Scan# 655
Delta R.T. 0.00 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 219

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.8	118.8#
106	0.0	73.7	113.7#

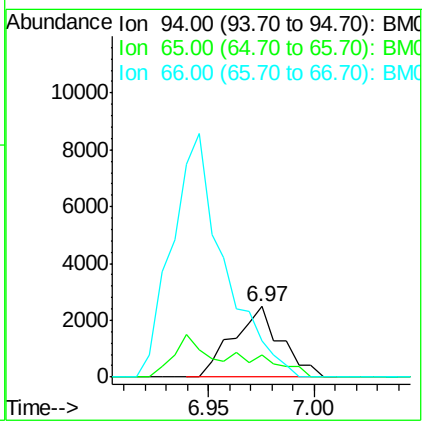


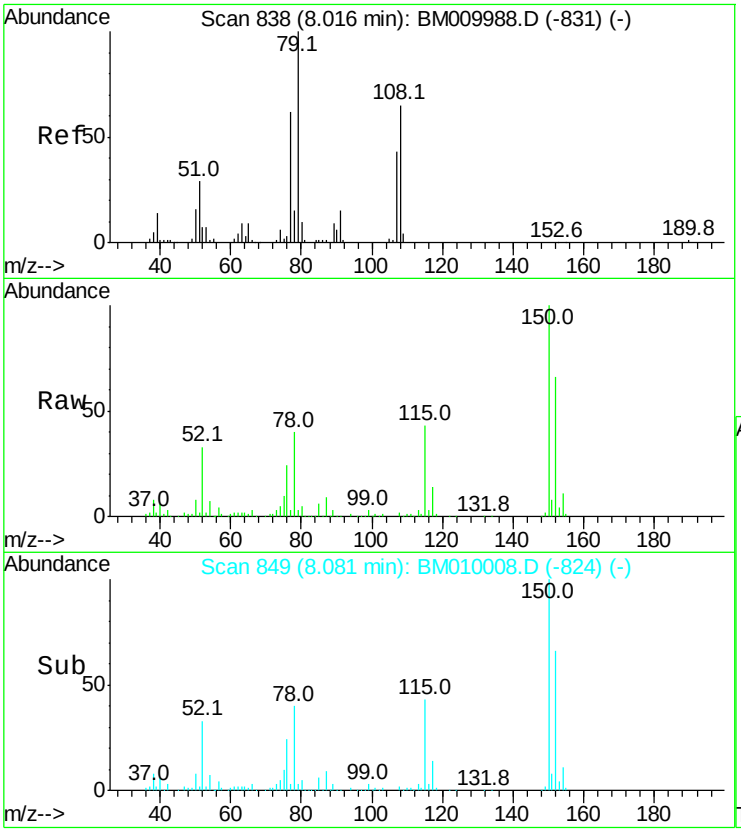


#10
Phenol
Concen: 0.61 ng
RT: 6.97 min Scan# 661
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion: 94 Resp: 3878

Ion	Ratio	Lower	Upper
94	100		
65	32.2	18.8	58.8
66	52.1	39.9	79.9



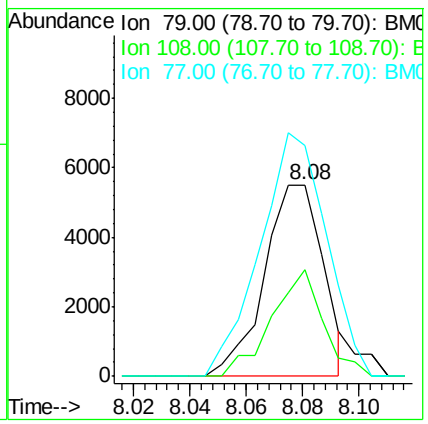


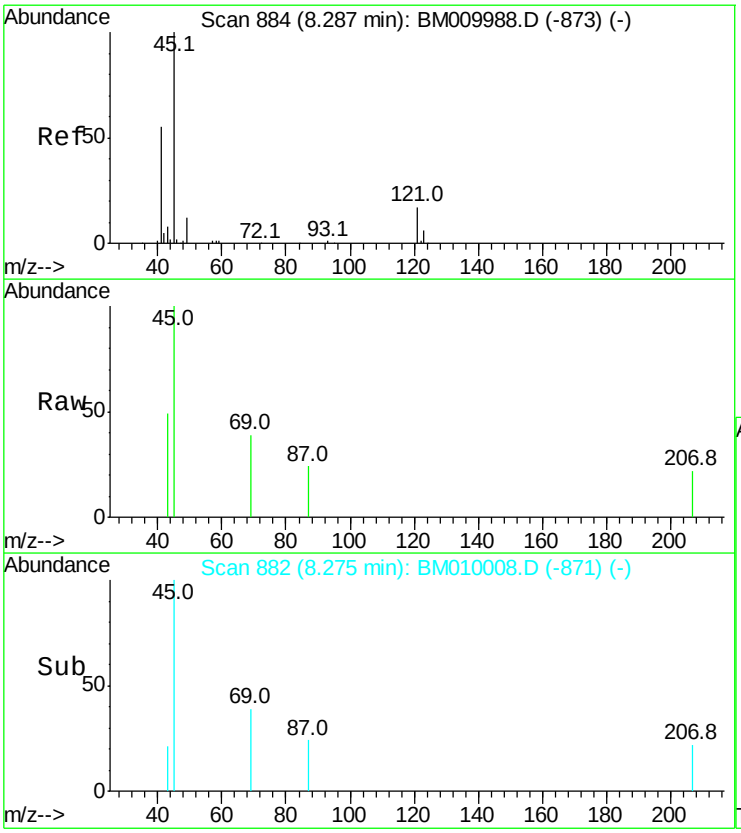
#15
Benzyl Alcohol
Concen: 1.61 ng
RT: 8.08 min Scan# 849
Delta R.T. 0.05 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 7997

Ion	Ratio	Lower	Upper
79	100		
108	55.7	65.0	97.4#
77	120.7	53.0	79.6#

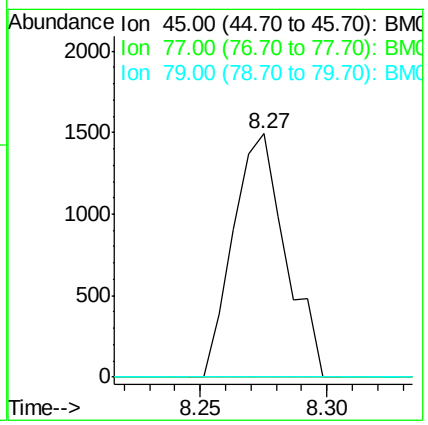


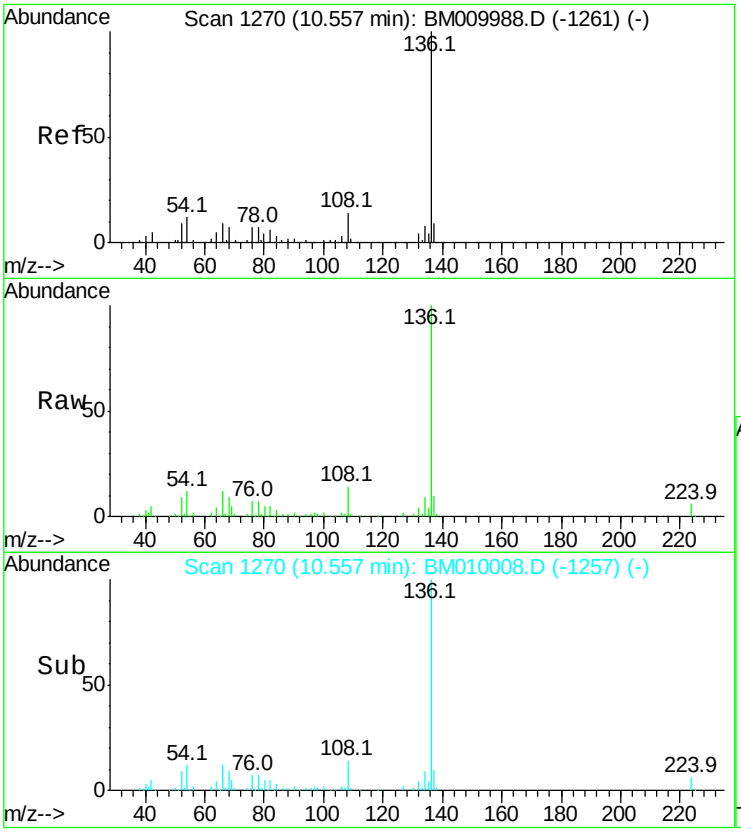


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.28 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.04 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion: 45 Resp: 2153

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.2
79	0.0	0.0	32.0



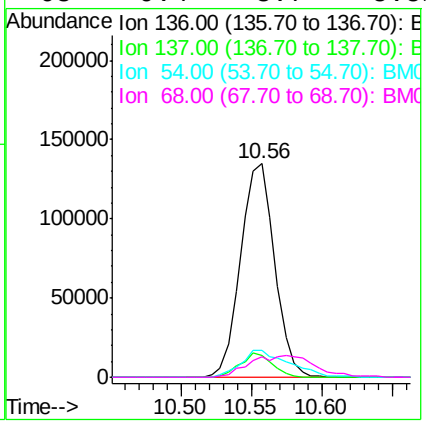


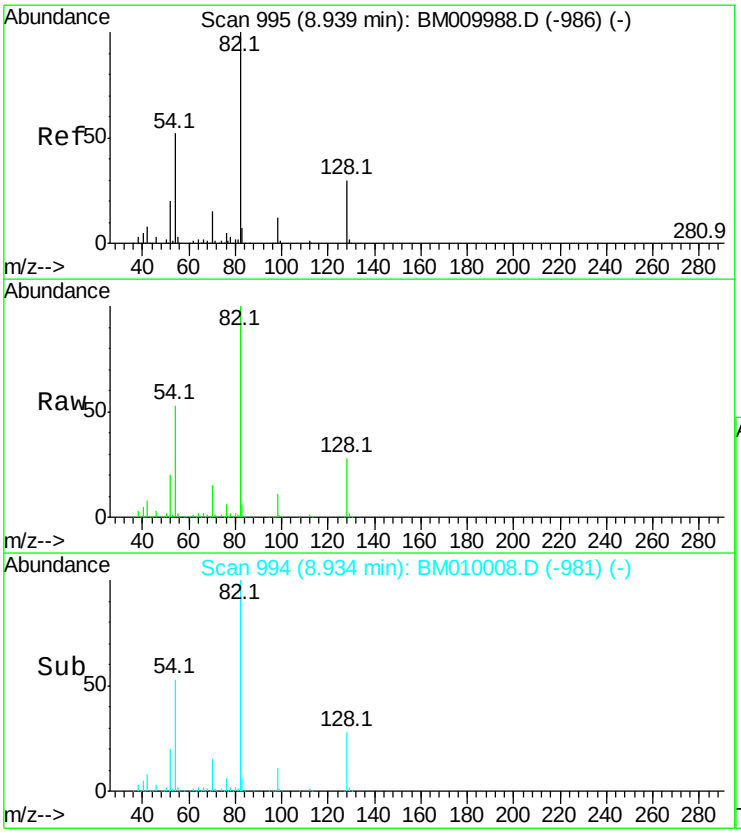
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 228425

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	12.4	4.6	6.8#
68	9.4	3.7	5.5#

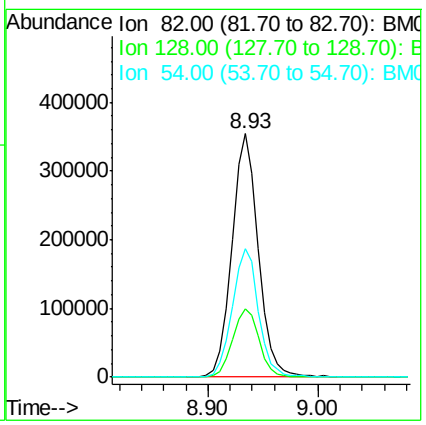


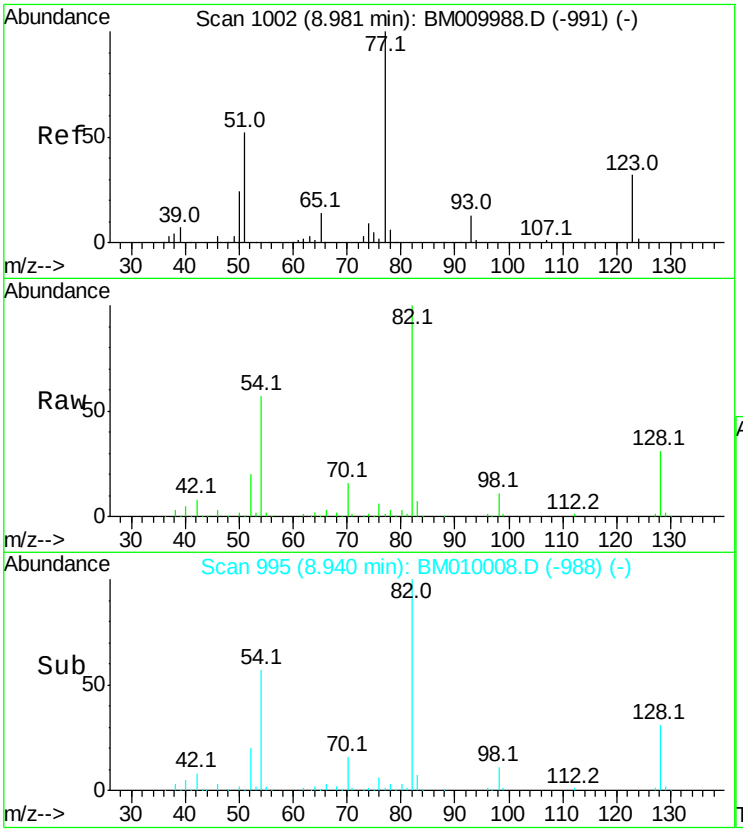


#23
Nitrobenzene-d5
Concen: 94.78 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion: 82 Resp: 592441

Ion	Ratio	Lower	Upper
82	100		
128	28.0	32.8	49.2#
54	52.7	40.6	60.8



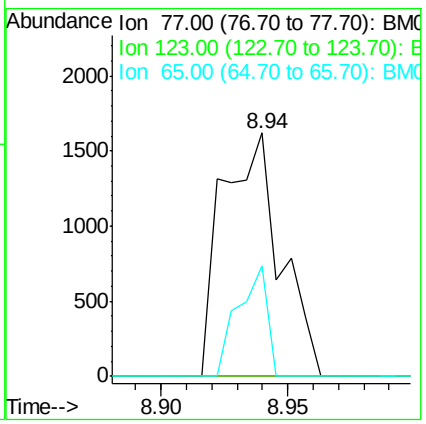


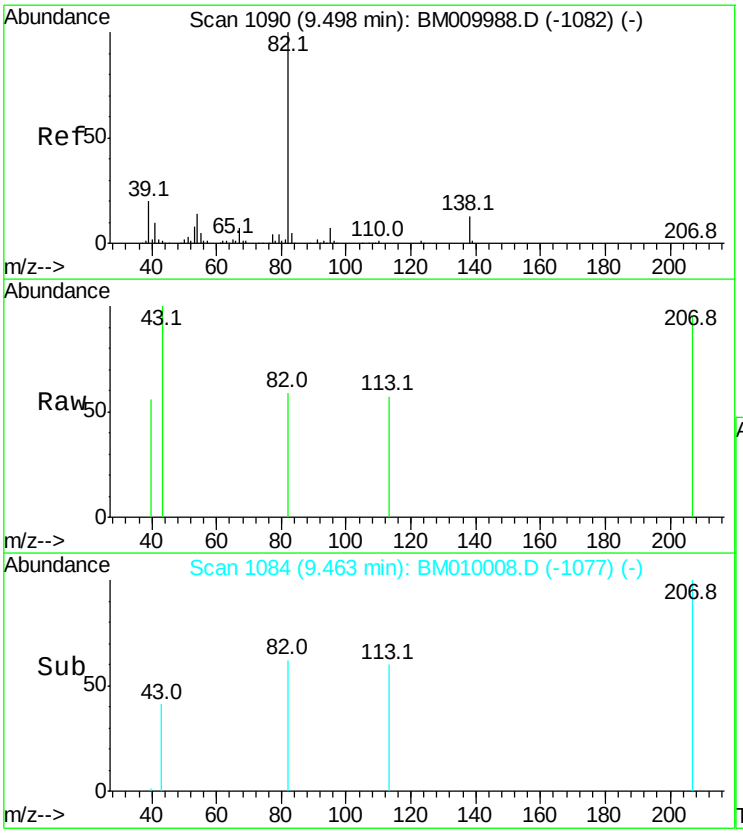
#24
Nitrobenzene
Concen: 0.39 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.06 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 2592

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	45.2	10.9	16.3#

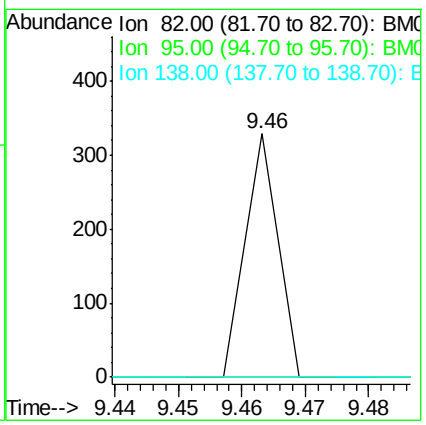


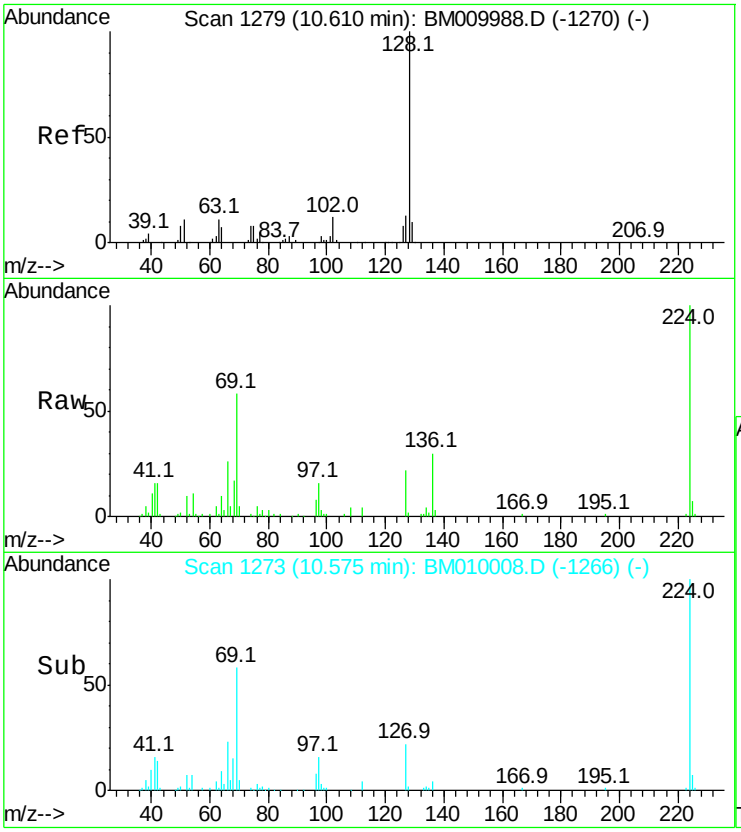


#25
Isophorone
Concen: 0.01 ng
RT: 9.46 min Scan# 1084
Delta R.T. -0.06 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion: 82 Resp: 116

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.3	24.5#



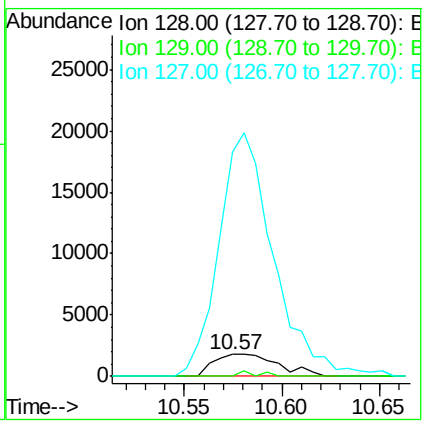


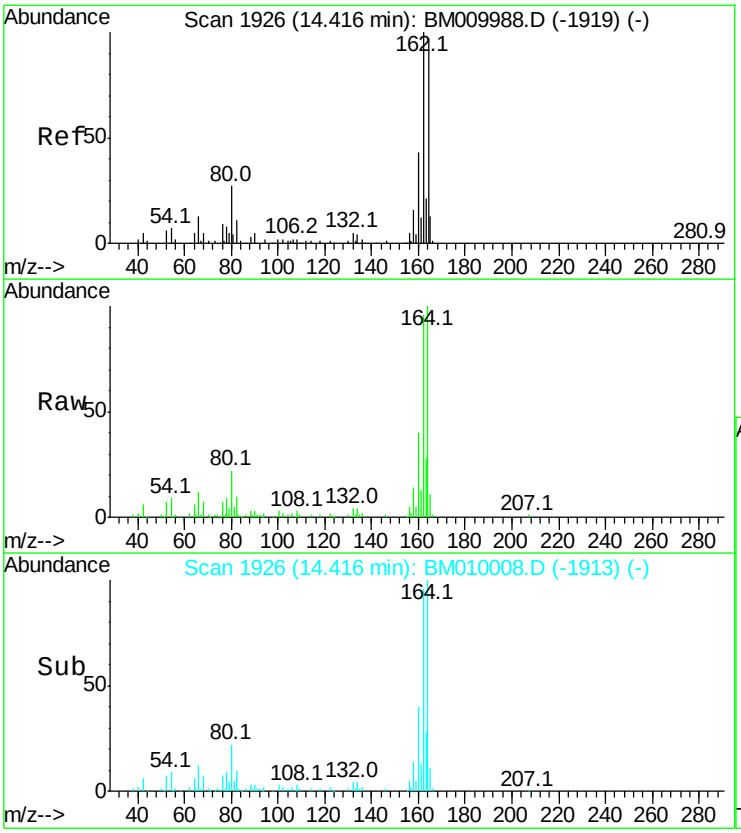
#31
Naphthalene
Concen: 0.33 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.06 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 4112

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.9	13.3#
127	1039.5	10.4	15.6#

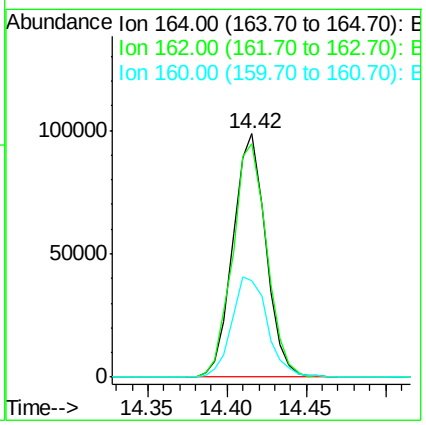


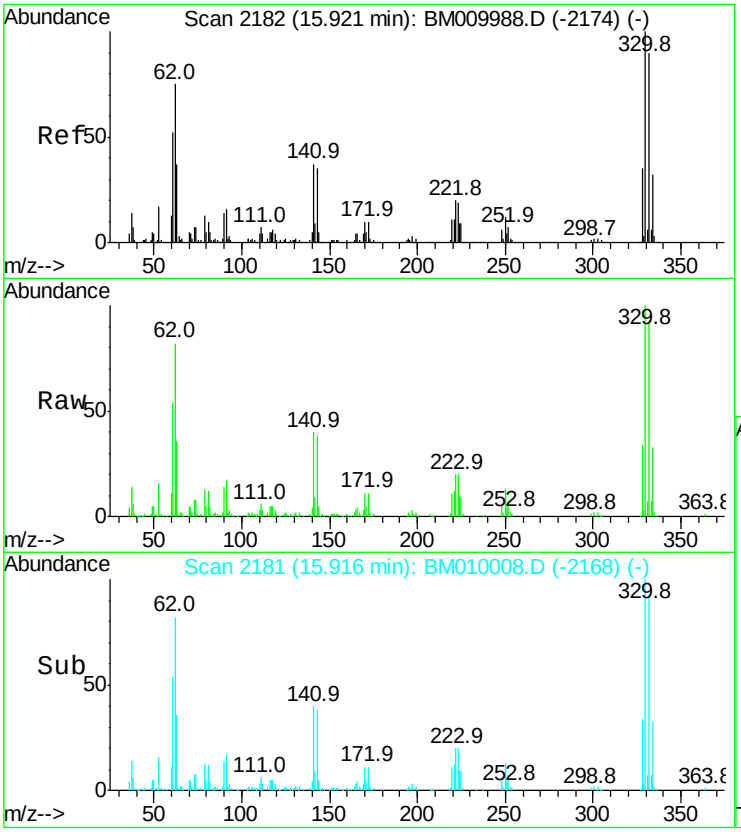


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:164 Resp: 141639

Ion	Ratio	Lower	Upper
164	100		
162	95.9	82.4	123.6
160	39.5	35.8	53.6



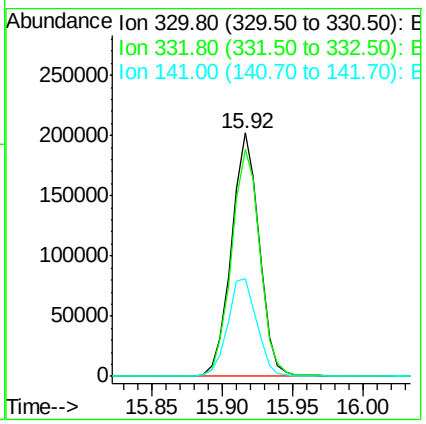


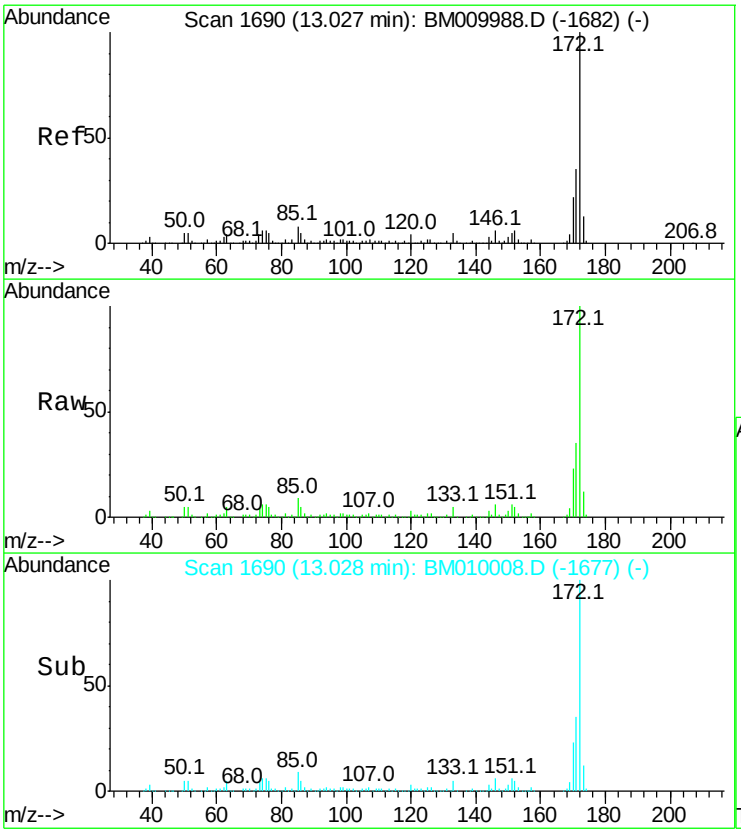
#41
2,4,6-Tribromophenol
Concen: 143.46 ng
RT: 15.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 278097

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	41.9	0.0	0.0#

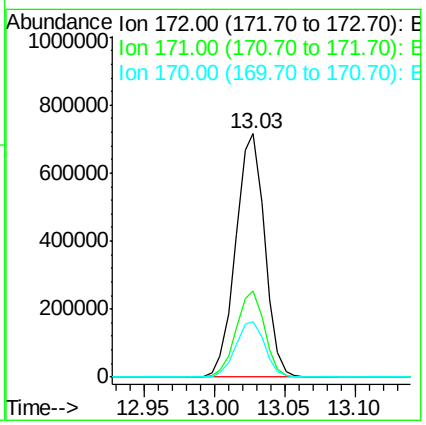


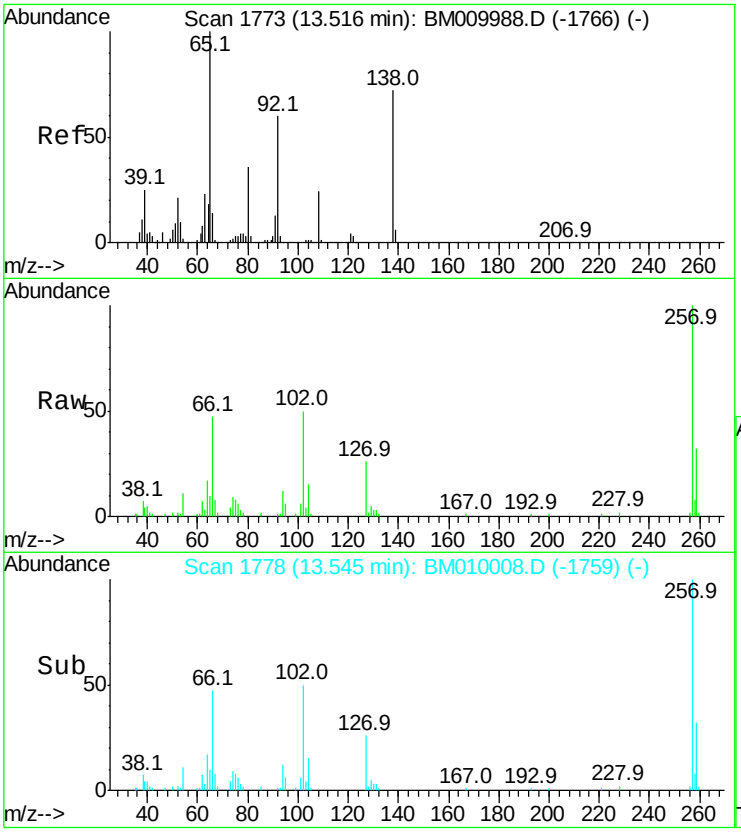


#44
2-Fluorobiphenyl
Concen: 96.84 ng
RT: 13.03 min Scan# 1690
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:172 Resp: 1025678

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	22.9	18.8	28.2



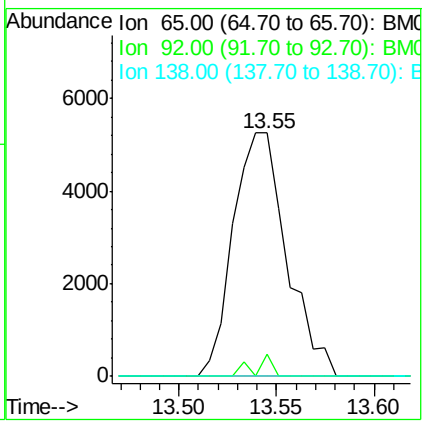


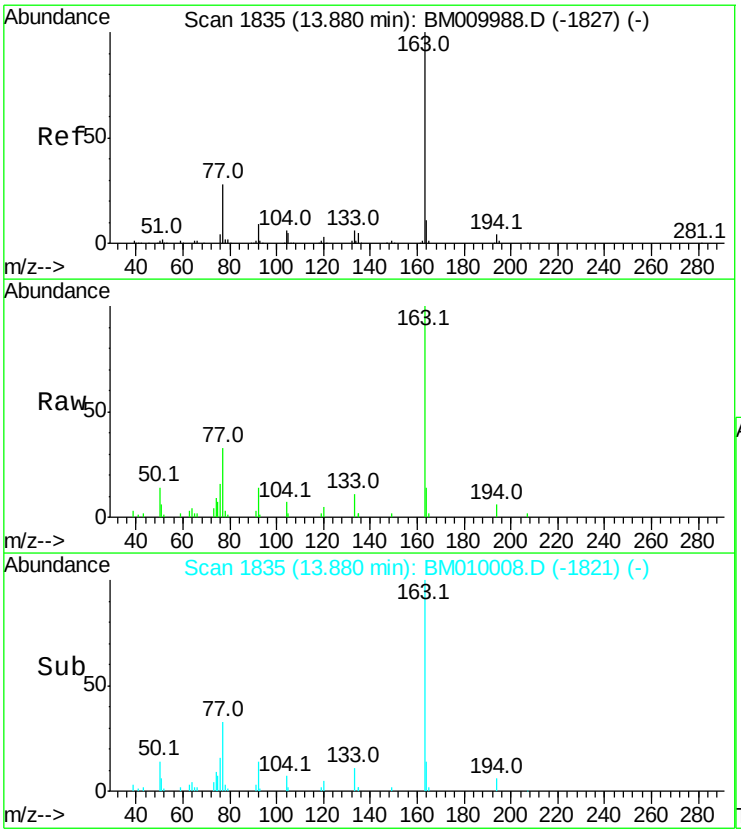
#47
2-Nitroaniline
Concen: 2.39 ng
RT: 13.55 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 10022

Ion	Ratio	Lower	Upper
65	100		
92	8.9	59.1	88.7#
138	0.0	93.9	140.9#

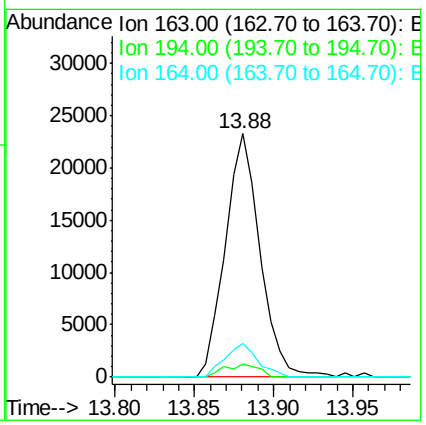


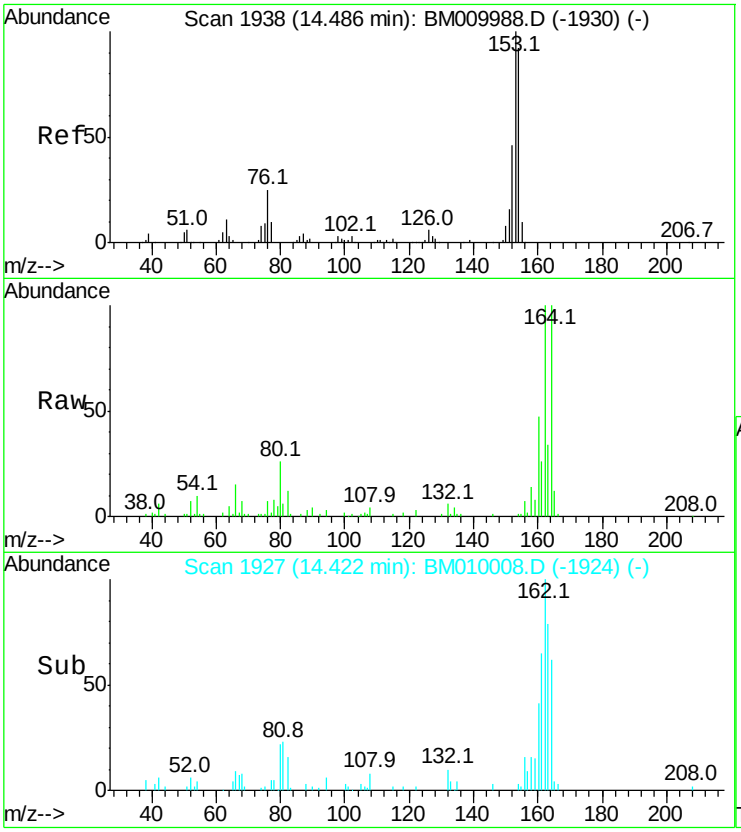


#49
Dimethylphthalate
Concen: 2.84 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:163 Resp: 35503

Ion	Ratio	Lower	Upper
163	100		
194	5.6	2.7	4.1#
164	13.8	8.2	12.2#



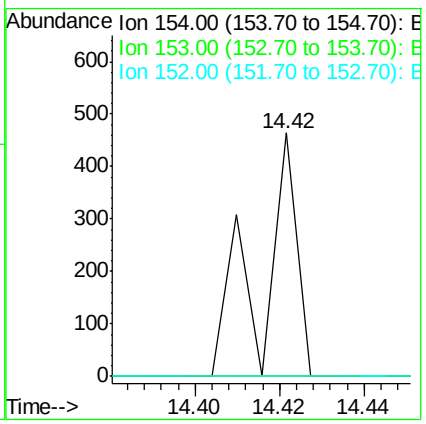


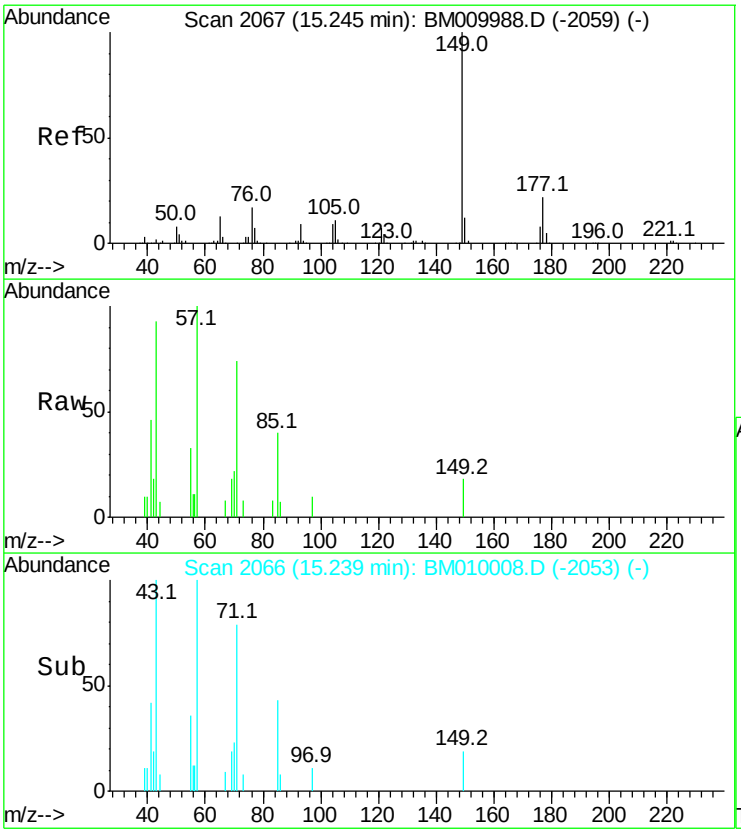
#51
Acenaphthene
Concen: 0.03 ng
RT: 14.42 min Scan# 1927
Delta R.T. -0.08 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 272

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.0	135.0#
152	0.0	42.6	63.8#

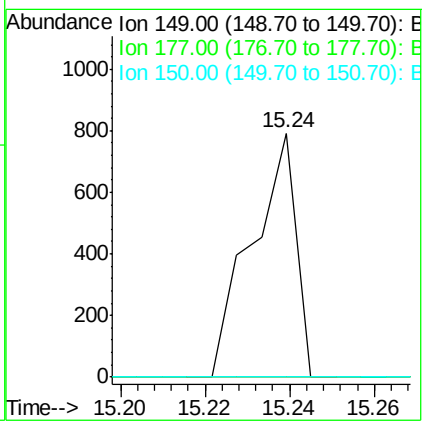


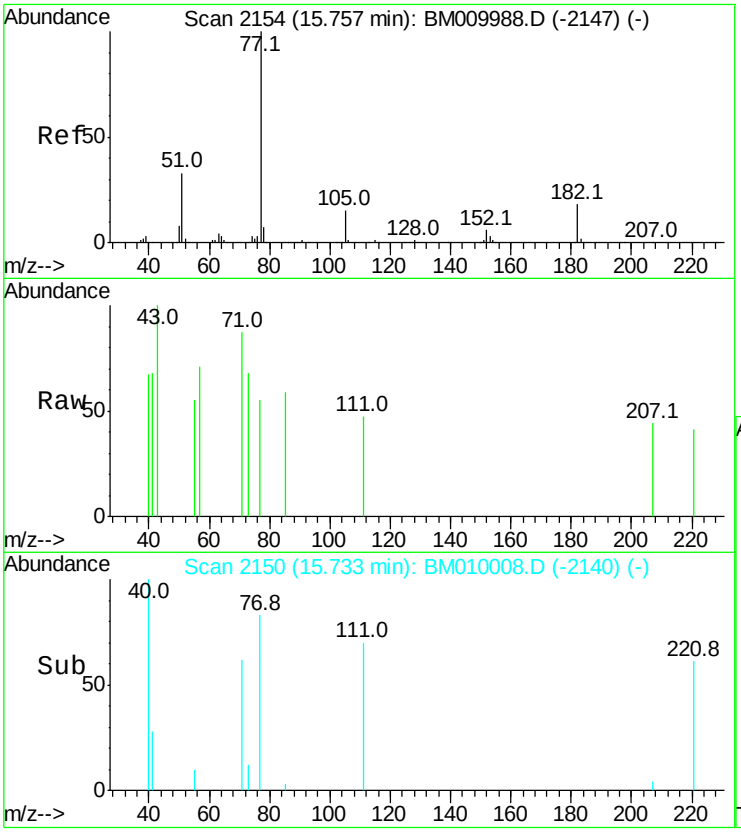


#59
Diethylphthalate
Concen: 0.04 ng
RT: 15.24 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:149 Resp: 580

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	9.8	14.8#



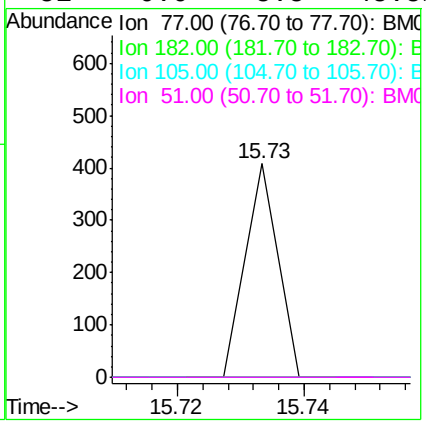


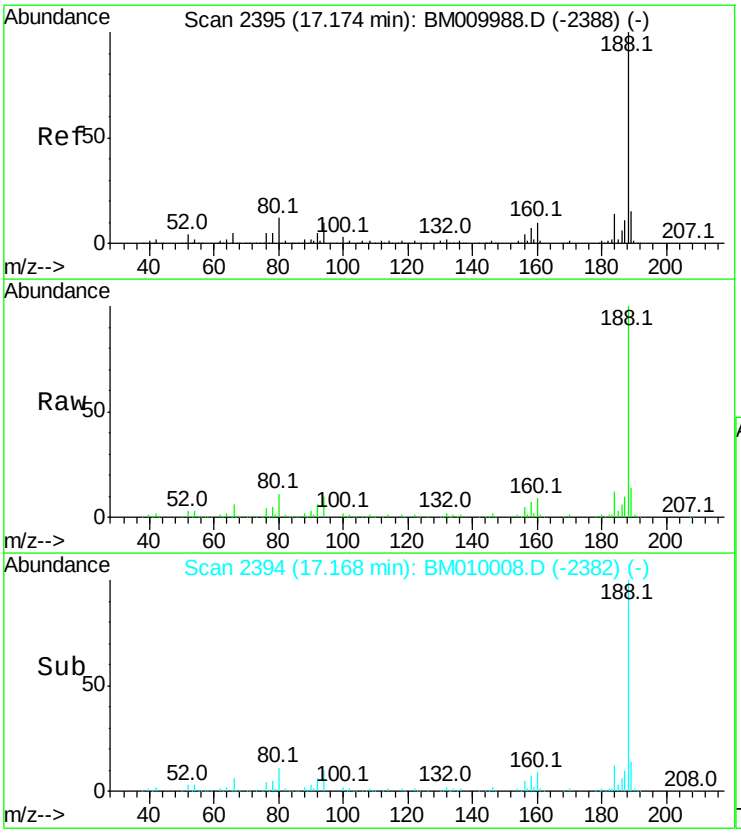
#62
Azobenzene
Concen: 0.01 ng
RT: 15.73 min Scan# 2150
Delta R.T. -0.04 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 144

Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.5	46.5#
105	0.0	3.8	43.8#
51	0.0	5.5	45.5#

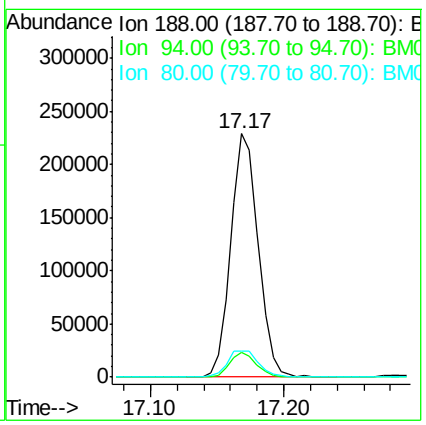


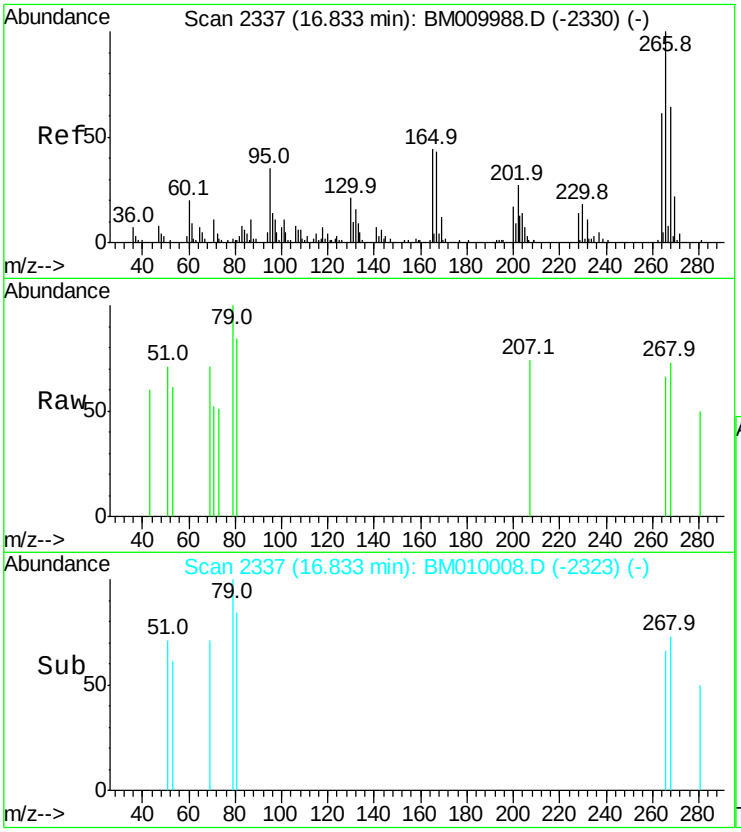


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:188 Resp: 328466

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.7	13.1
80	10.9	9.3	13.9



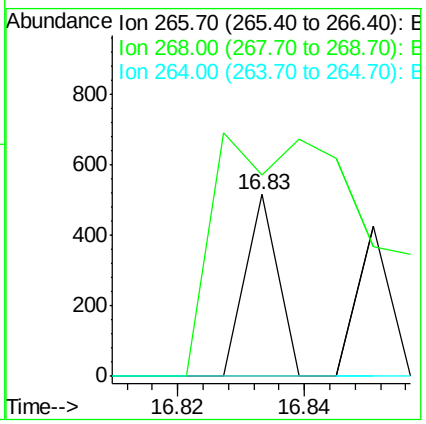


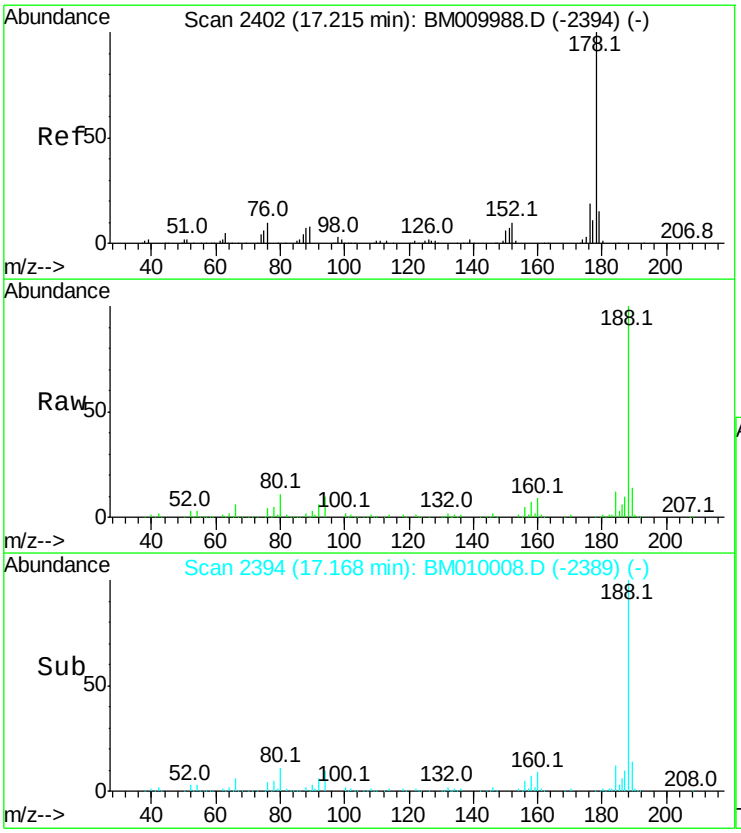
#69
Pentachlorophenol
Concen: 6.17 ng
RT: 16.83 min Scan# 2337
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 182

Ion	Ratio	Lower	Upper
266	100		
268	110.3	52.0	78.0#
264	0.0	49.0	73.4#

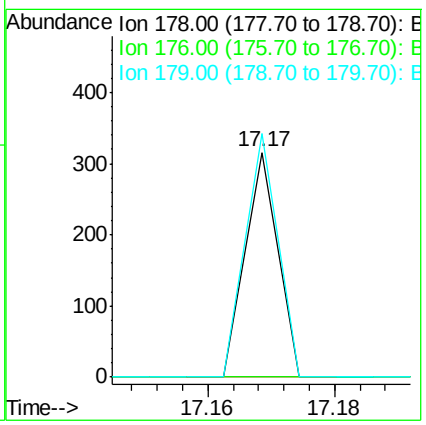


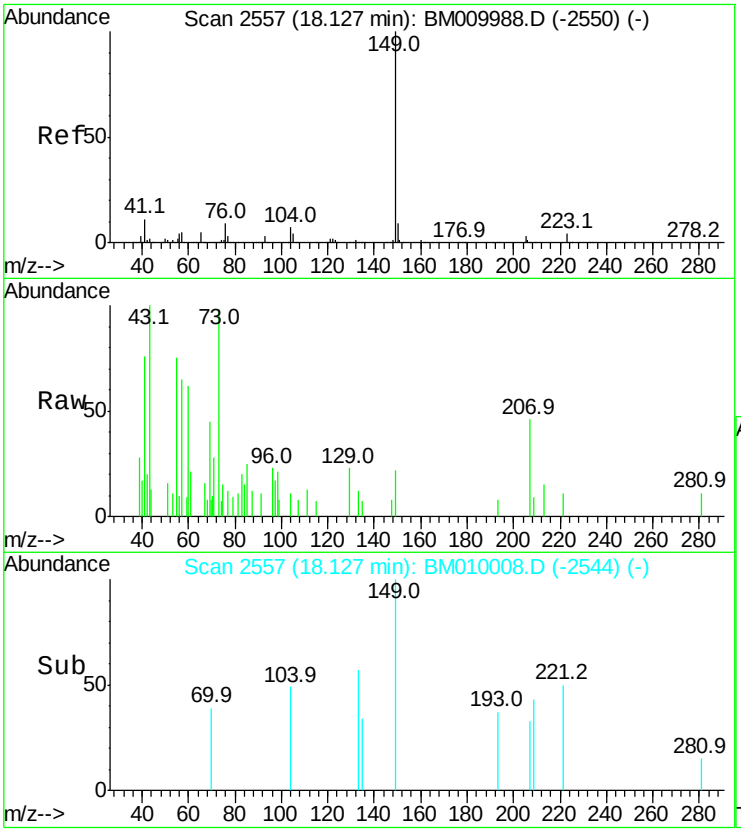


#70
Phenanthrene
Concen: 0.01 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.07 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:178 Resp: 112

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	108.2	12.1	18.1#



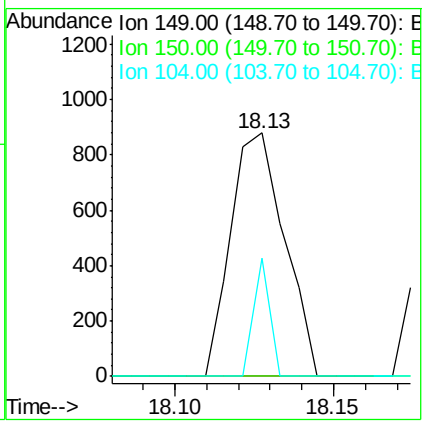


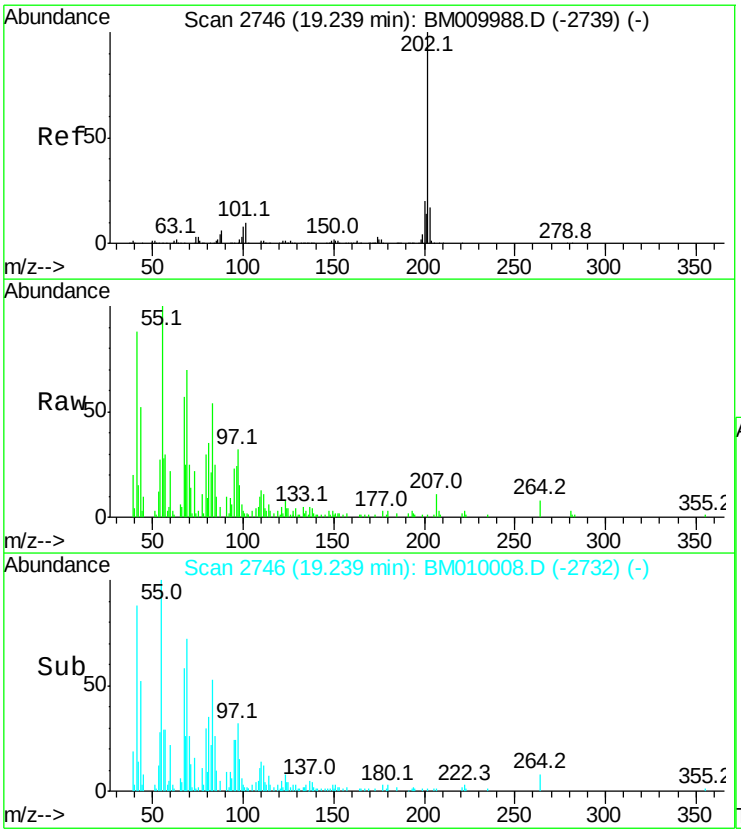
#73
Di-n-butylphthalate
Concen: 0.05 ng
RT: 18.13 min Scan# 2557
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1031

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	48.7	3.7	5.5#

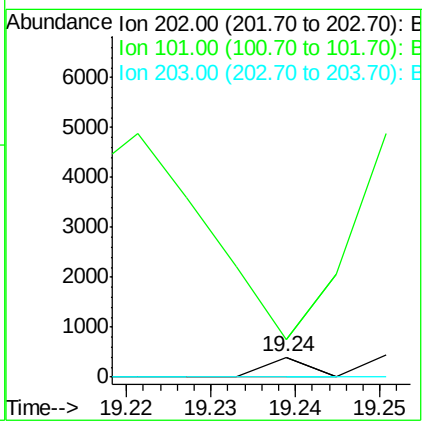


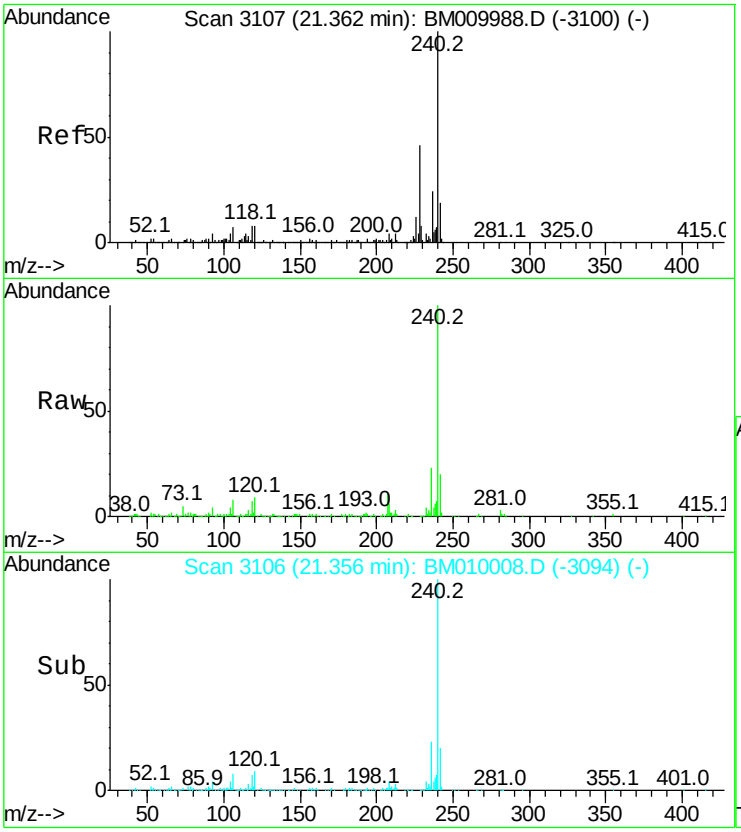


#74
Fluoranthene
Concen: 0.01 ng
RT: 19.24 min Scan# 2746
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:202 Resp: 142

Ion	Ratio	Lower	Upper
202	100		
101	187.3	0.0	28.7#
203	0.0	0.0	37.2



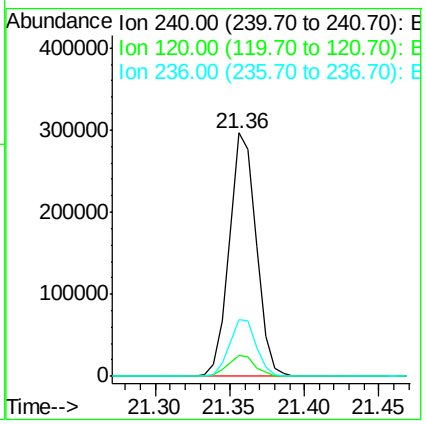


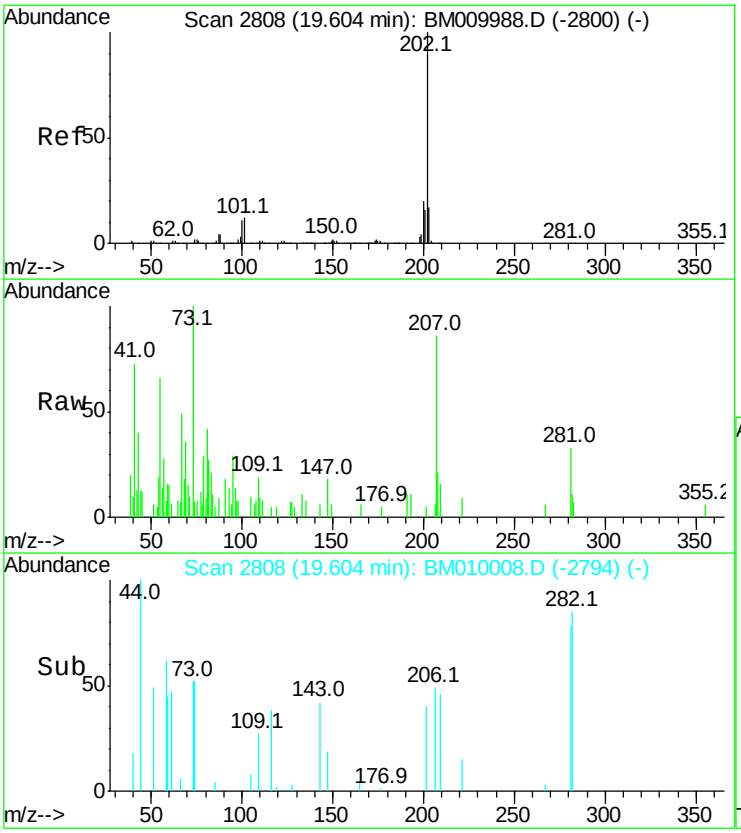
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 377732

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	23.3	20.0	30.0

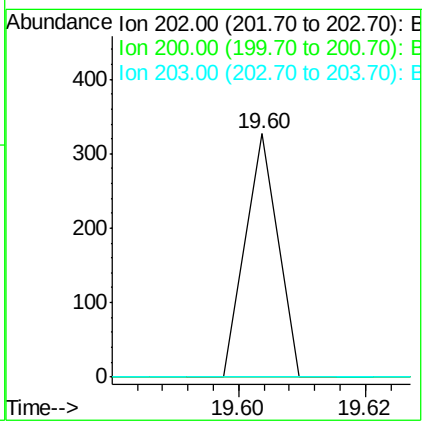


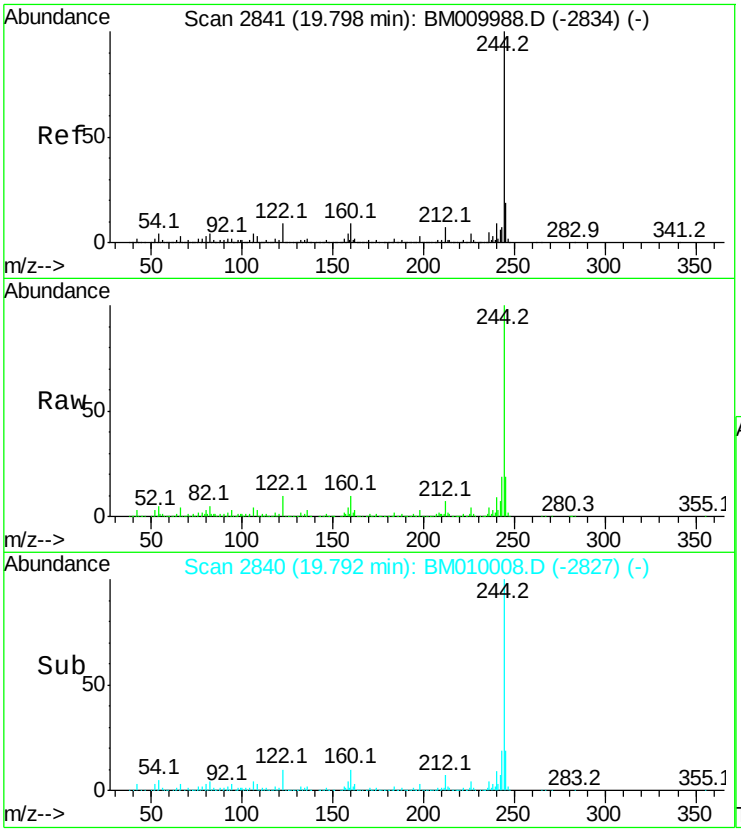


#77
Pyrene
Concen: 0.01 ng
RT: 19.60 min Scan# 2808
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:202 Resp: 115

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.1	21.1#



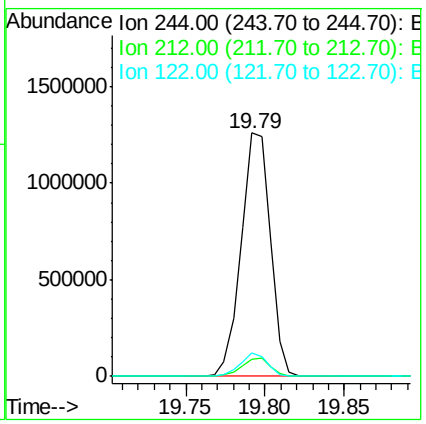


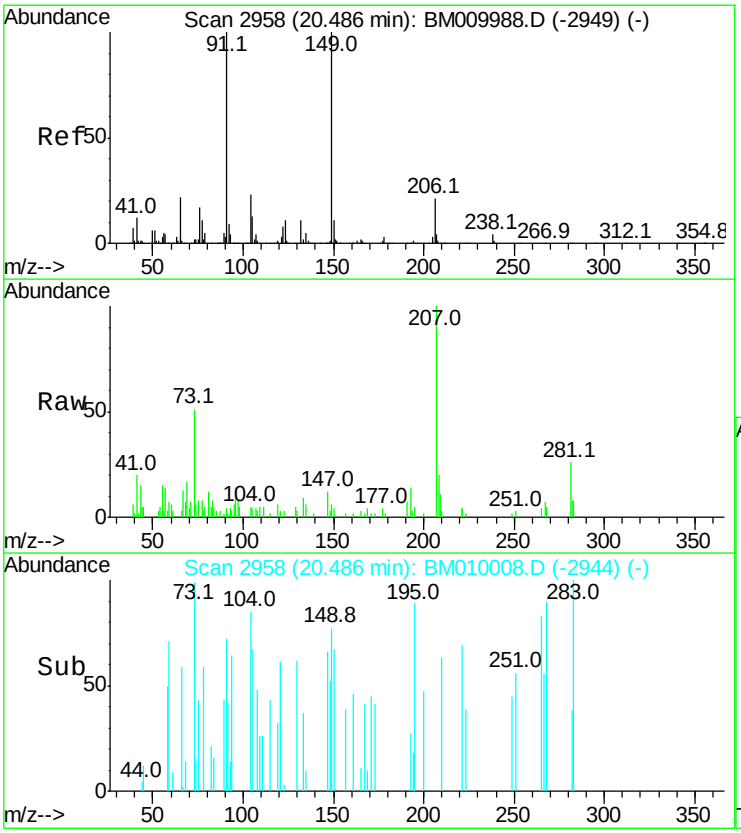
#78
Terphenyl-d14
Concen: 89.90 ng
RT: 19.79 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 1611337

Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	9.6	6.2	9.4#

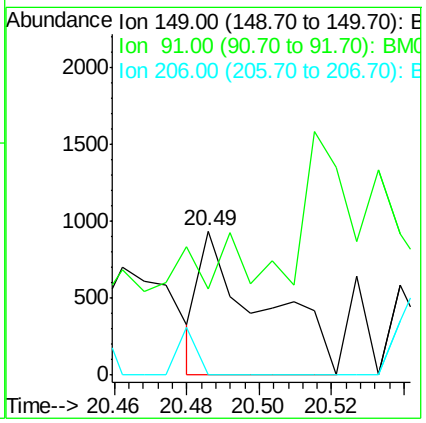


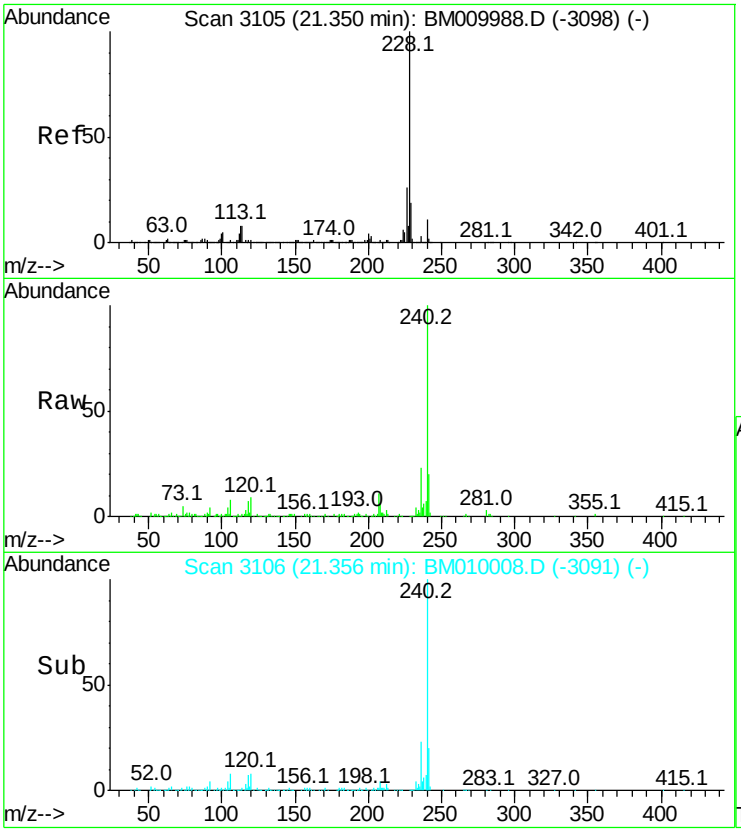


#79
Butylbenzylphthalate
Concen: 0.12 ng
RT: 20.49 min Scan# 2958
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:149 Resp: 1122

Ion	Ratio	Lower	Upper
149	100		
91	59.4	50.1	75.1
206	0.0	16.2	24.2#



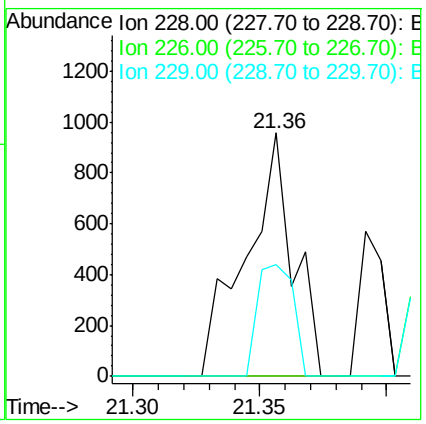


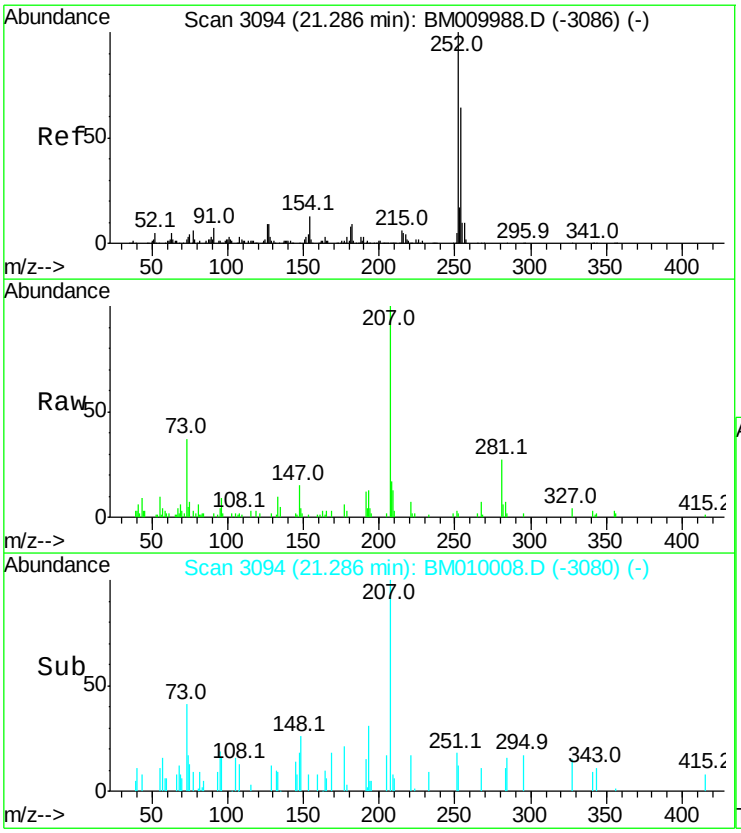
#80
Benzo(a)anthracene
Concen: 0.06 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1260

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.7	32.5#
229	45.9	16.0	24.0#

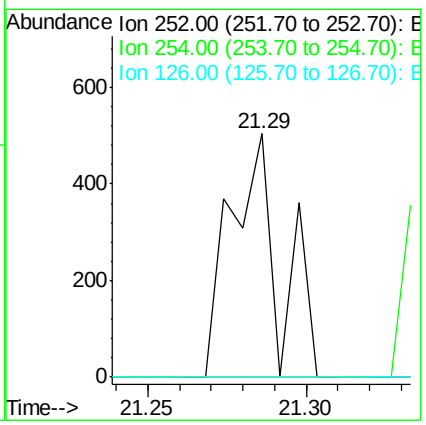


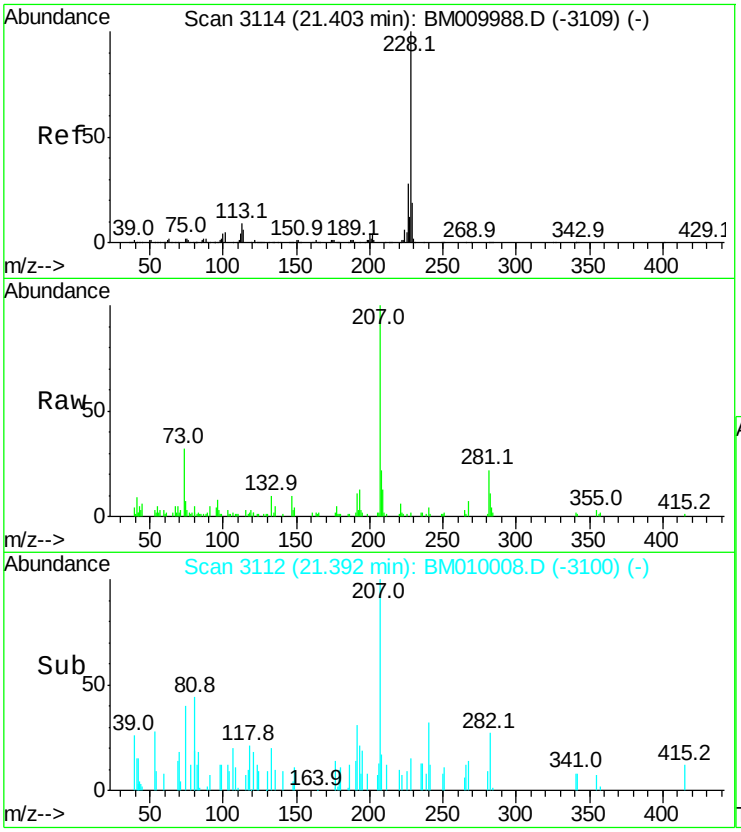


#81
3,3'-Dichlorobenzidine
Concen: 0.07 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:252 Resp: 545

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.9	77.9#
126	0.0	9.8	14.8#



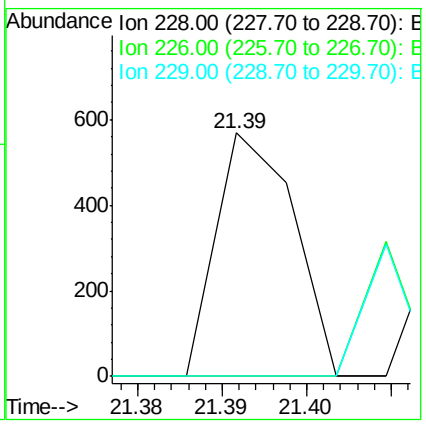


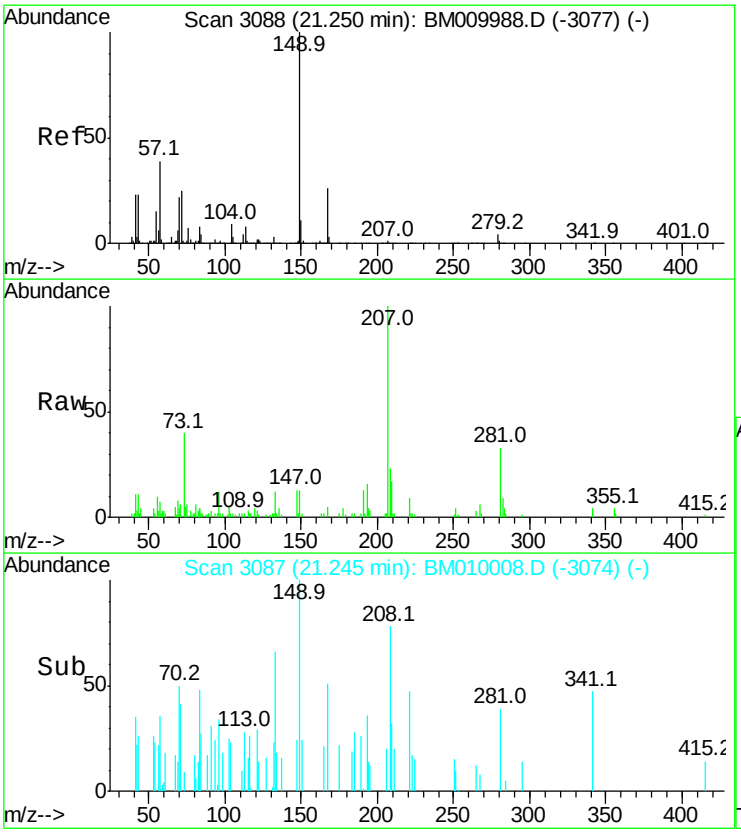
#82
Chrysene
Concen: 0.02 ng
RT: 21.39 min Scan# 3112
Delta R.T. -0.03 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 361

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	0.0	15.5	23.3#

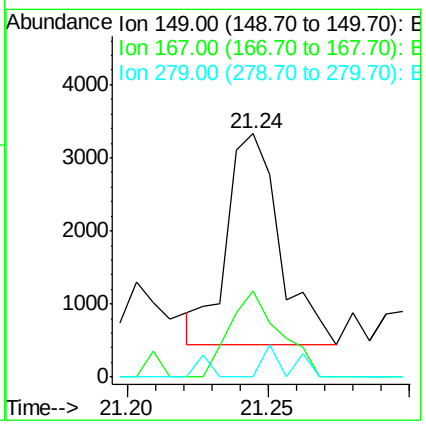


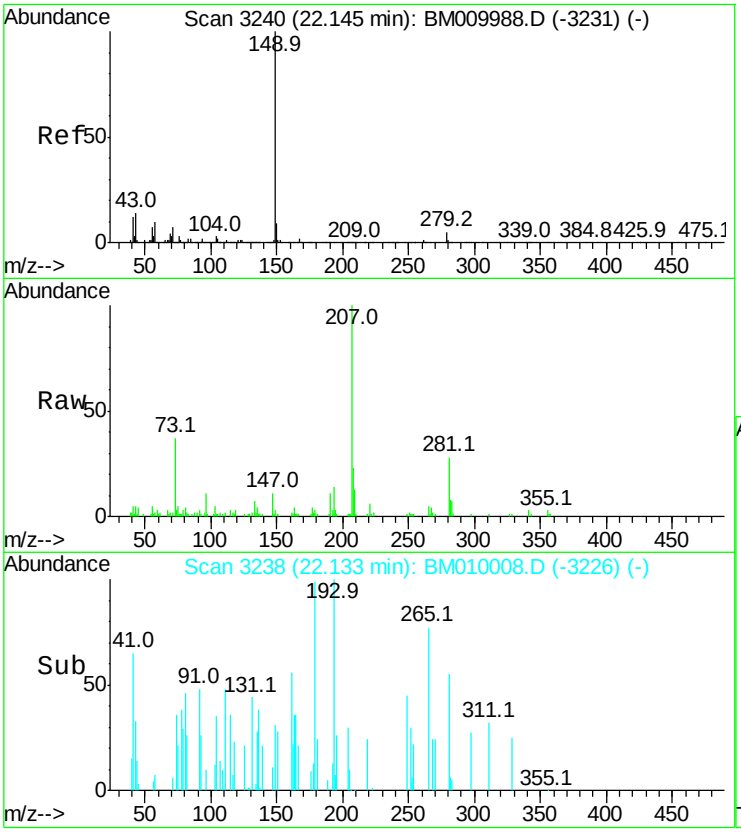


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.24 min Scan# 3087
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:149 Resp: 3750

Ion	Ratio	Lower	Upper
149	100		
167	35.5	22.4	33.6#
279	0.0	3.4	5.0#



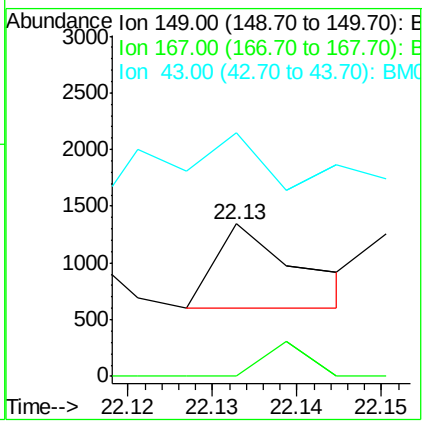


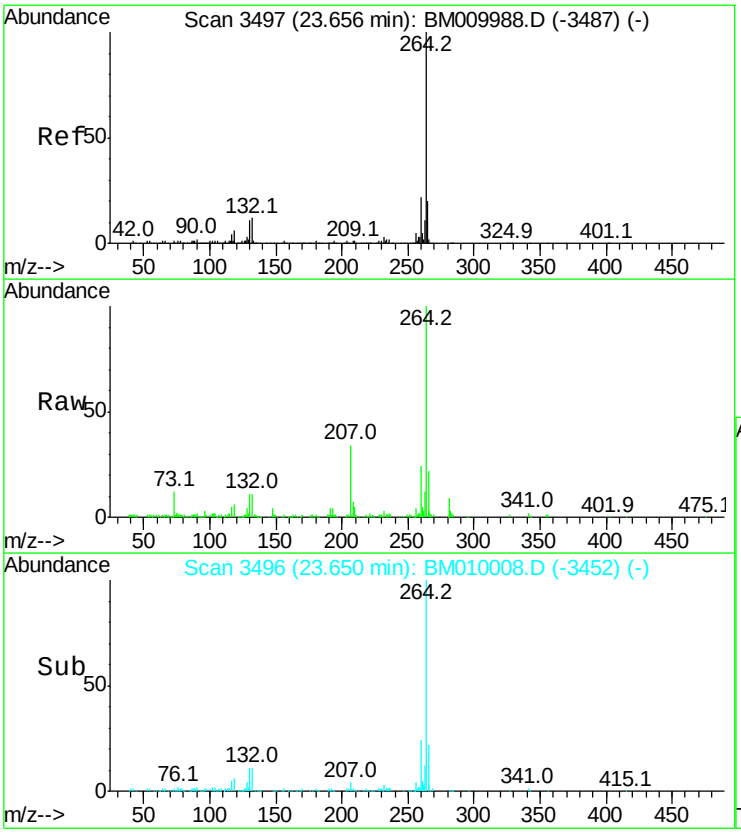
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 22.13 min Scan# 3238
Delta R.T. -0.03 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 507

Ion	Ratio	Lower	Upper
149	100		
167	21.5	1.2	1.8#
43	251.9	7.3	10.9#

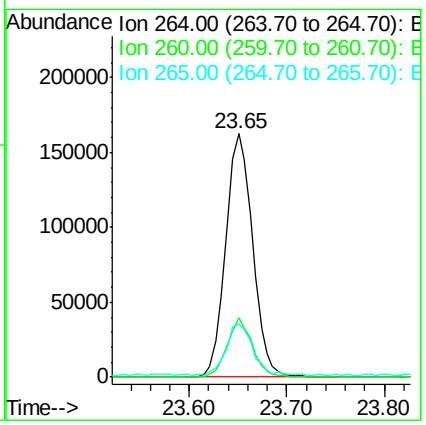


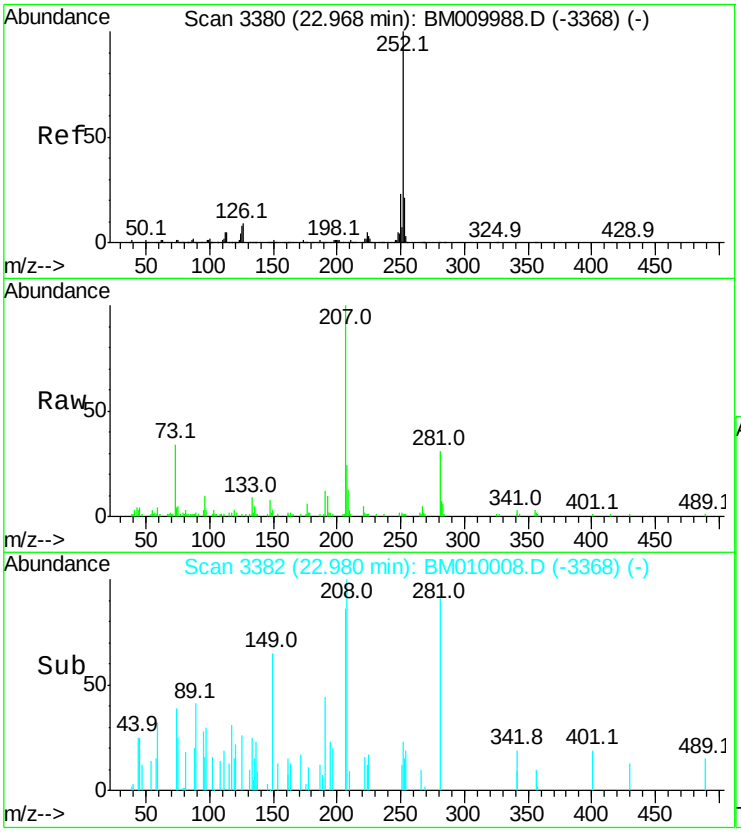


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3496
Delta R.T. -0.04 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:264 Resp: 312850

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.6	17.3	25.9



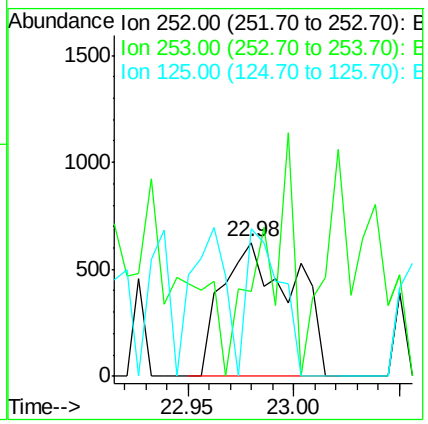


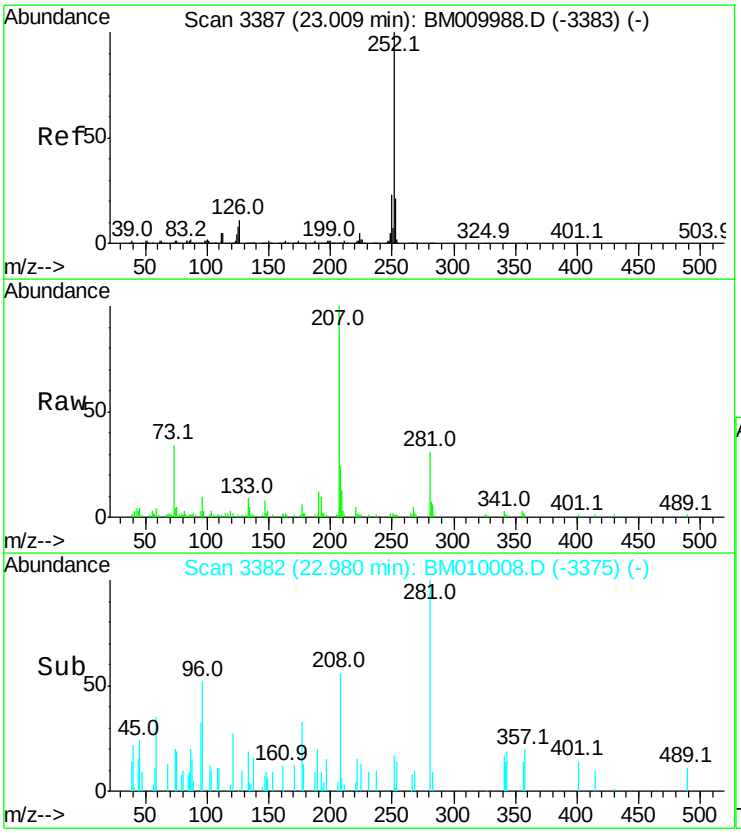
#87
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 22.98 min Scan# 3382
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1466

Ion	Ratio	Lower	Upper
252	100		
253	63.1	18.0	27.0#
125	110.6	9.9	14.9#

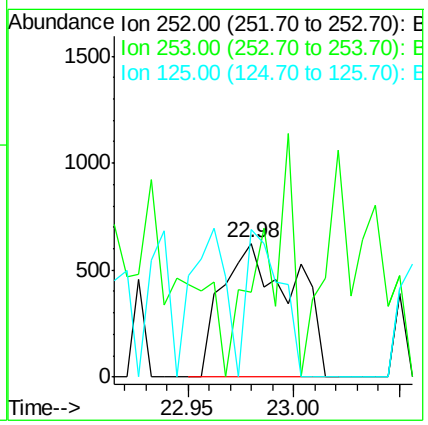


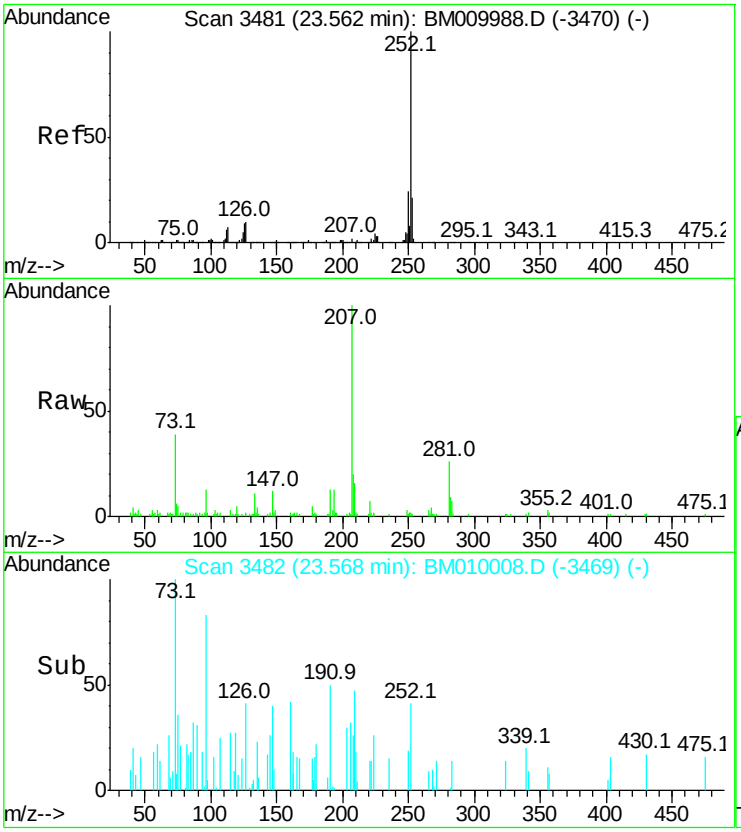


#88
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 22.98 min Scan# 3382
Delta R.T. -0.06 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Tgt Ion:252 Resp: 1466

Ion	Ratio	Lower	Upper
252	100		
253	63.1	17.2	25.8#
125	110.6	8.1	12.1#





#89
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.02 min
Lab File: BM010008.D
Acq: 12 May 2017 05:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 448

Ion	Ratio	Lower	Upper
252	100		
253	52.4	17.6	26.4#
125	0.0	7.4	11.2#