Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
Data File : BM009441.D
Acq On : 29 Mar 2017 20:23
Operator : SJ/MA
Sample : I2437-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW30D-GW

Quant Time: Mar 30 01:01:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	143727	20.00	ng		-0.01
21) Naphthalene-d8	10.66	136	578469	20.00	ng		0.00
38) Acenaphthene-d10	14.49	164	329770	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	755715	20.00	ng		0.00
75) Chrysene-d12	21.42	240	909370	20.00	ng		0.00
86) Perylene-d12	23.74	264	879756	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	294215	34.12	ng		0.00
7) Phenol-d6	7.01	99	260024	22.11	ng		-0.01
23) Nitrobenzene-d5	9.02	82	827494	53.63	ng		0.00
41) 2,4,6-Tribromophenol	15.99	330	312935	76.39	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	1540994	56.31	ng		-0.01
78) Terphenyl-d14	19.86	244	2000215	45.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	23287	5.37	ng	#	100
3) Pyridine	3.76	79	81302	6.64	ng	#	84
6) Aniline	7.18	93	112801	7.06	ng	#	86
9) Benzaldehyde	6.99	77	100303	10.84	ng	#	1
10) Phenol	7.03	94	58970	4.63	ng		89
17) 2-Methylphenol	8.29	107	79841	9.58	ng	#	86
18) Hexachloroethane	8.95	117	56012	12.66	ng	#	1
20) 3+4-Methylphenols	8.62	107	189198	16.69	ng		89
22) Acetophenone	8.67	105	42339	2.60	ng	#	87
24) Nitrobenzene	9.02	77	36726	2.43	ng	#	1
27) 2,4-Dimethylphenol	9.82	122	214139	25.68	ng	#	83
33) 4-Chloroaniline	10.75	127	5594908	472.39	ng	#	34
37) 2-Methylnaphthalene	12.32	142	2935897	138.53	ng	#	93
45) 1,1'-Biphenyl	13.32	154	861851	31.40	ng		97
48) Acenaphthylene	14.22	152	83286	2.40	ng	#	78
49) Dimethylphthalate	13.95	163	108551	4.29	ng	#	98
51) Acenaphthene	14.56	154	2387748	113.98	ng		98
53) 2,4-Dinitrophenol	14.56	184	164	5.51	ng	#	1
54) Dibenzofuran	14.90	168	2544982	82.15	ng		96
57) Fluorene	15.54	166	1040183	37.36	ng		96
70) Phenanthrene	17.29	178	1434358	33.19	ng		98
72) Carbazole	17.65	167	1115766	26.63	ng		99

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

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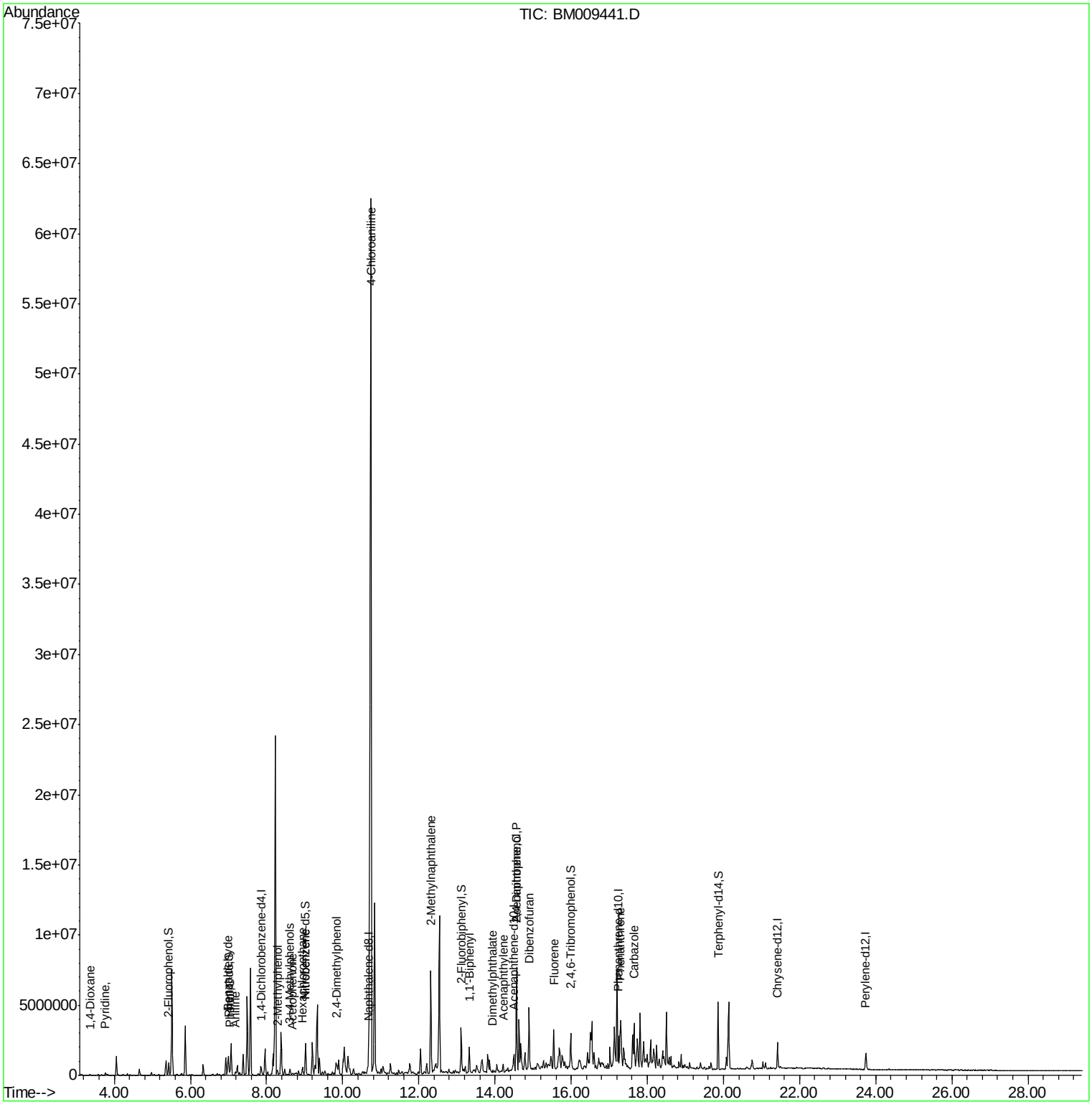
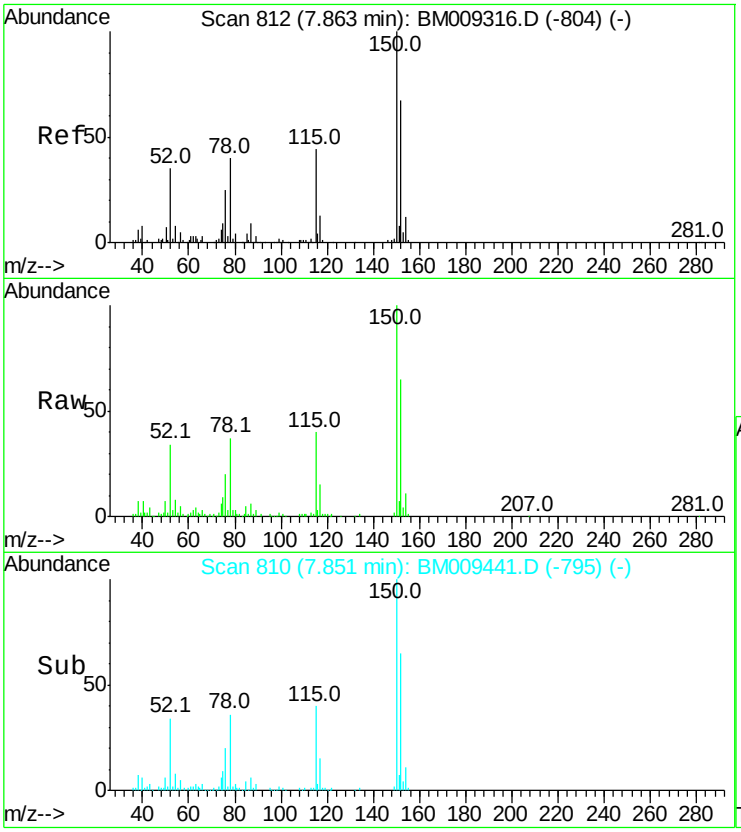


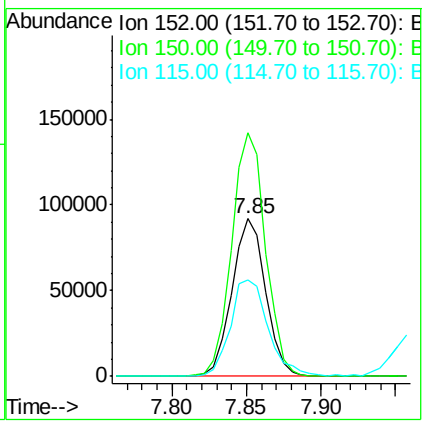


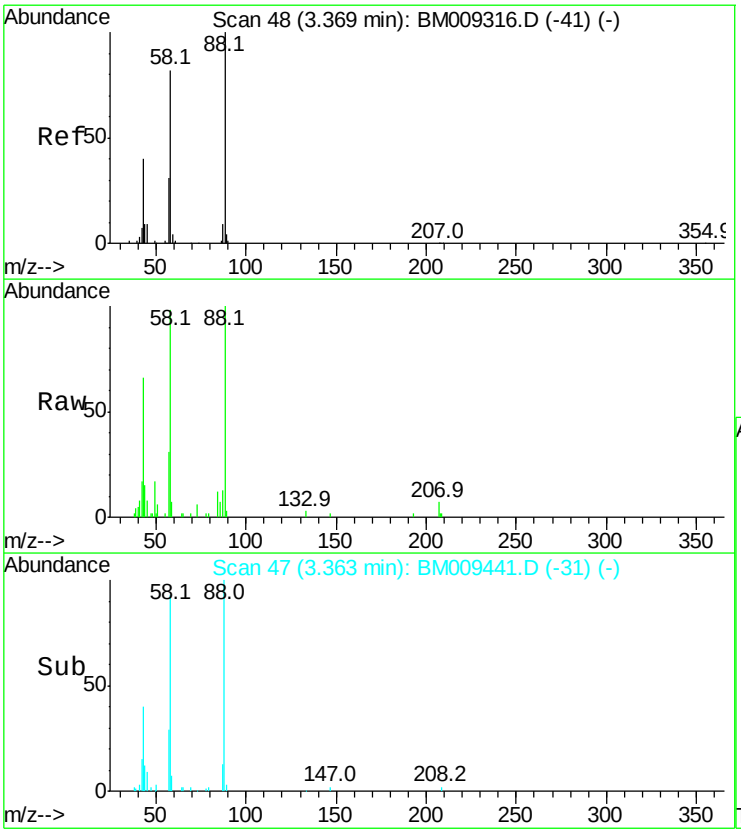
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:152 Resp: 143727

Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.5	179.3
115	61.3	43.0	64.4

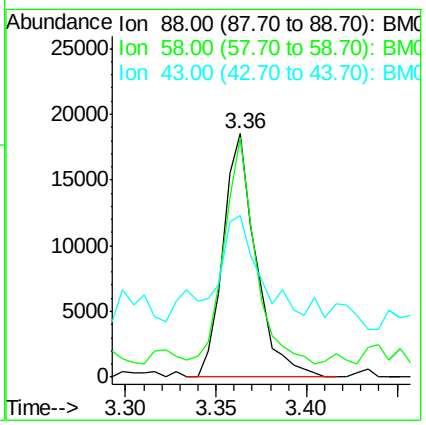


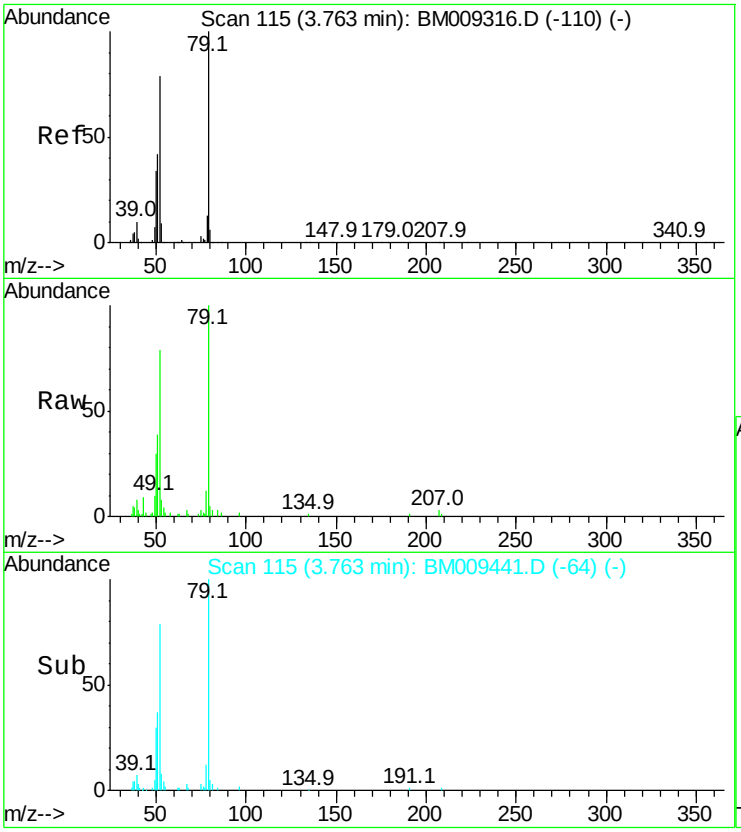


#2
1,4-Dioxane
Concen: 5.37 ng
RT: 3.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion: 88 Resp: 23287

Ion	Ratio	Lower	Upper
88	100		
58	88.8	0.0	0.0#
43	47.8	0.0	0.0#



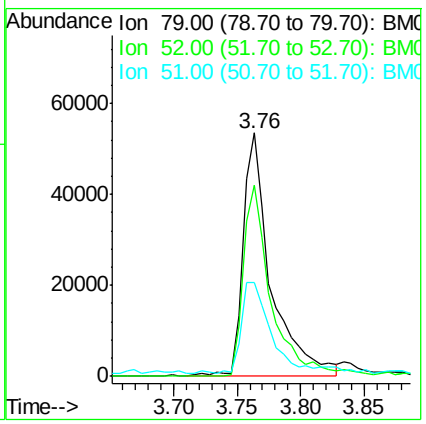


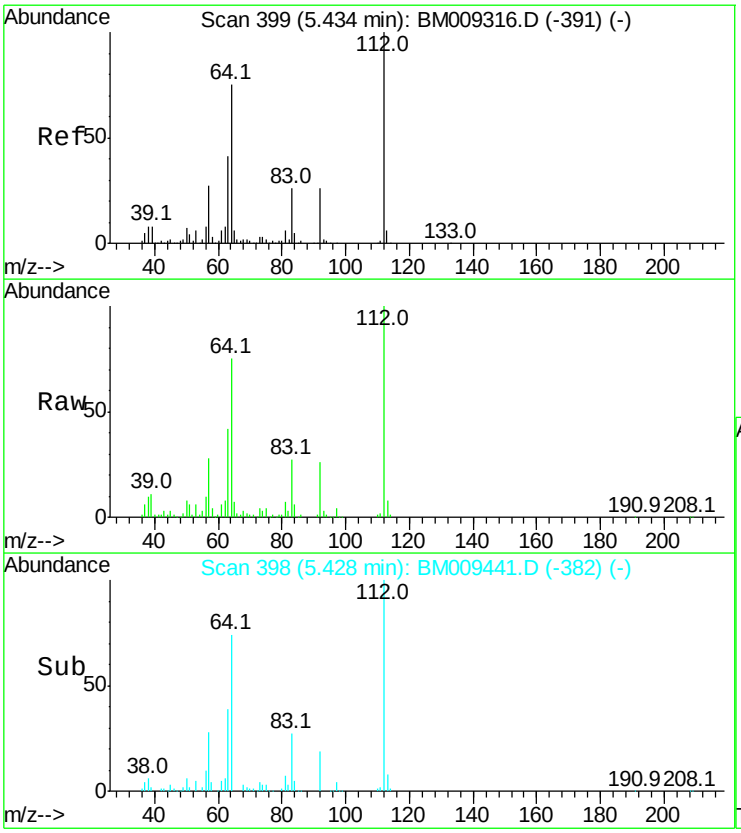
#3
Pyridine
Concen: 6.64 ng
RT: 3.76 min Scan# 115
Delta R.T. -0.00 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion: 79 Resp: 81302

Ion	Ratio	Lower	Upper
79	100		
52	78.5	51.1	76.7#
51	38.6	26.1	39.1

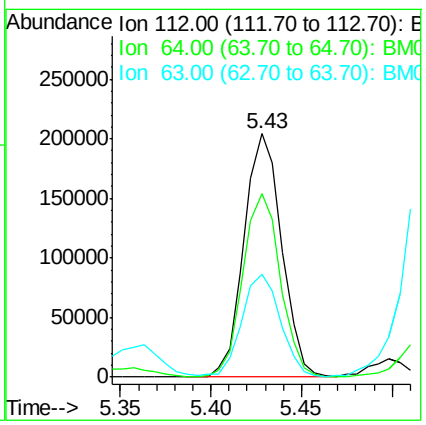


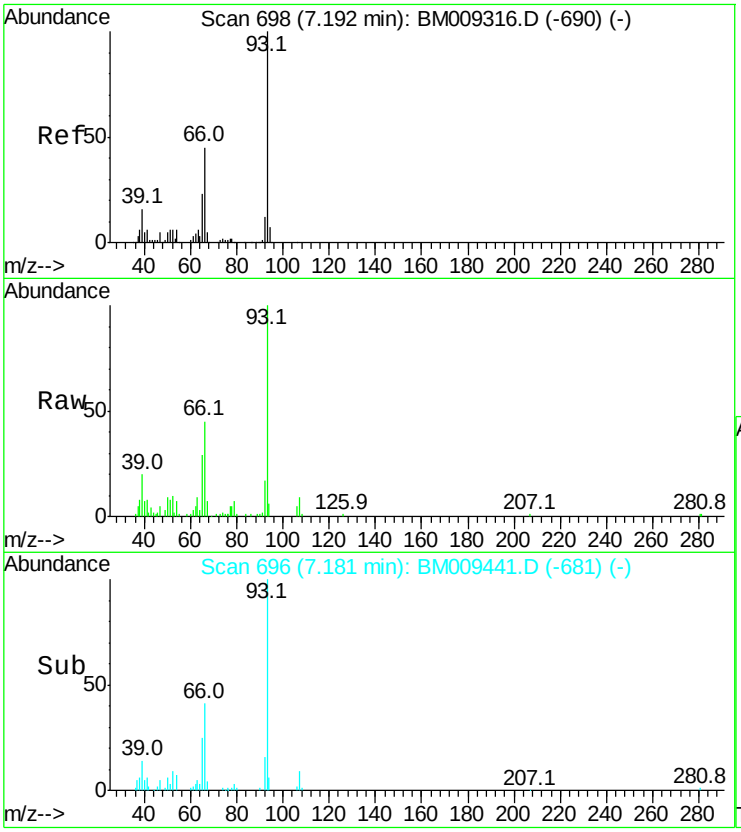


#5
2-Fluorophenol
Concen: 34.12 ng
RT: 5.43 min Scan# 398
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:112 Resp: 294215

Ion	Ratio	Lower	Upper
112	100		
64	75.3	38.6	57.8#
63	42.4	19.3	28.9#



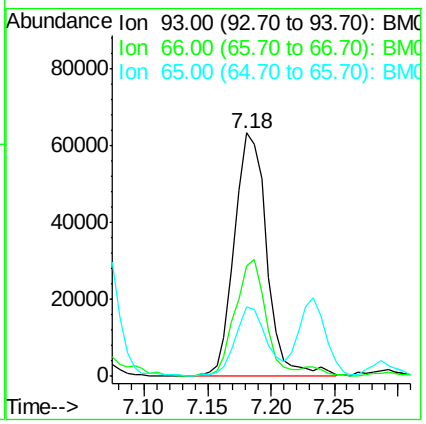


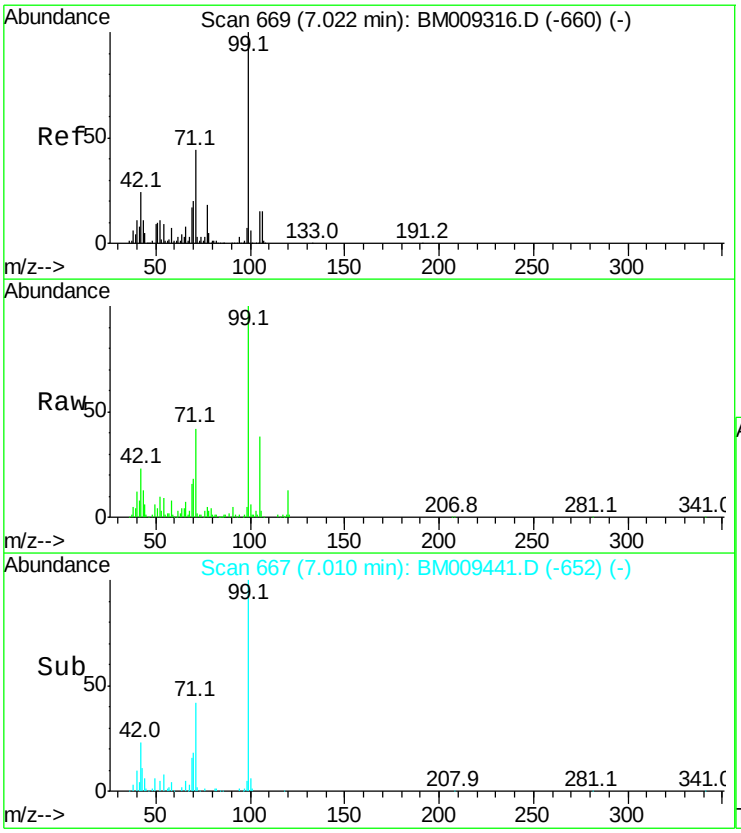
#6
Aniline
Concen: 7.06 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion: 93 Resp: 112801

Ion	Ratio	Lower	Upper
93	100		
66	45.2	30.8	46.2
65	28.6	16.0	24.0#

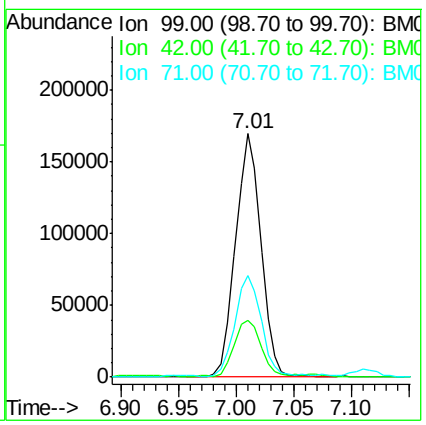


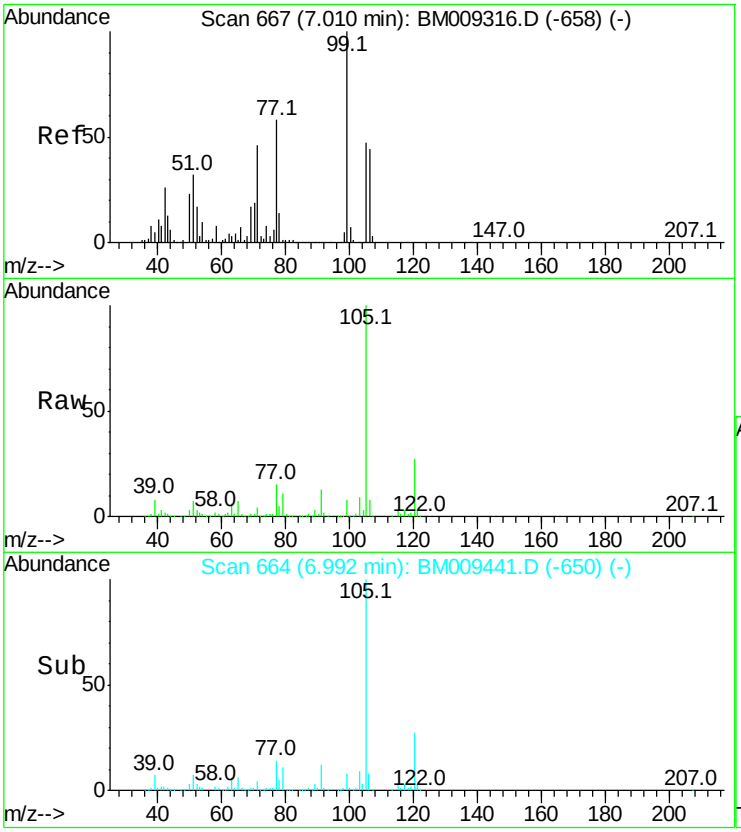


#7
Phenol-d6
Concen: 22.11 ng
RT: 7.01 min Scan# 667
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion: 99 Resp: 260024

Ion	Ratio	Lower	Upper
99	100		
42	23.1	11.0	16.4#
71	41.5	23.4	35.2#



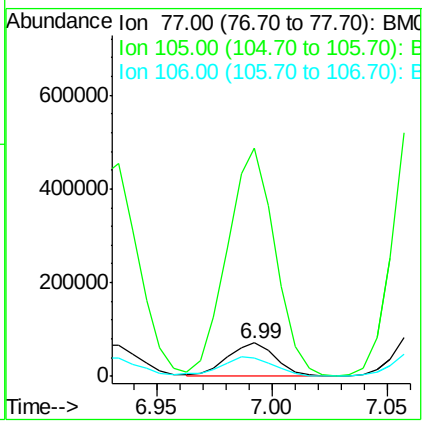


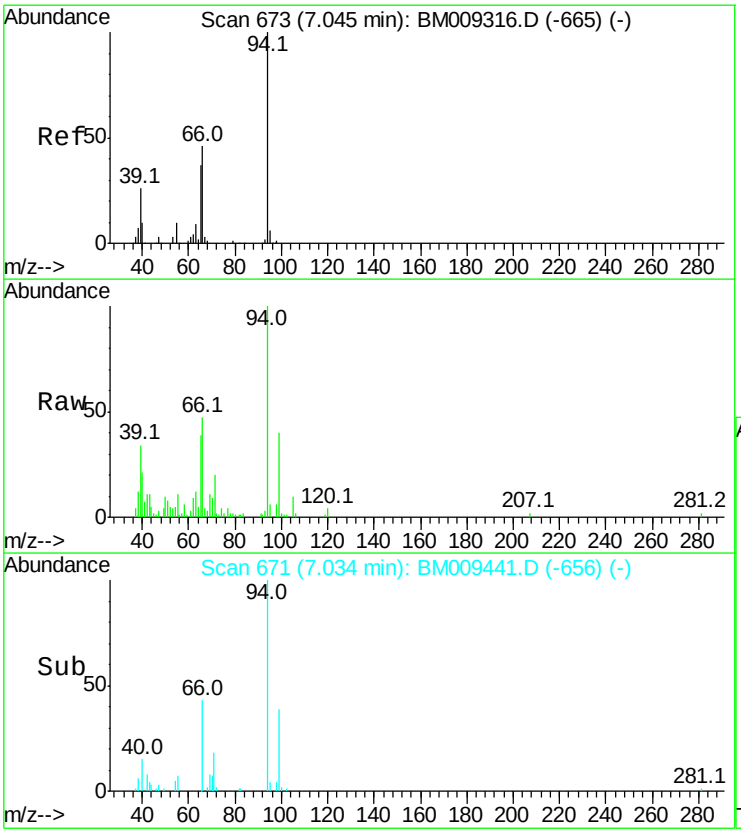
#9
Benzaldehyde
Concen: 10.84 ng
RT: 6.99 min Scan# 664
Delta R.T. -0.02 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion: 77 Resp: 100303

Ion	Ratio	Lower	Upper
77	100		
105	684.6	78.8	118.8#
106	56.0	73.7	113.7#

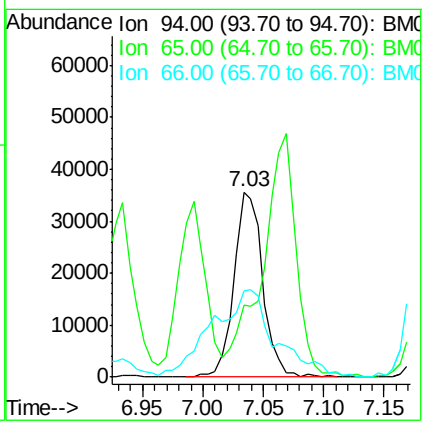


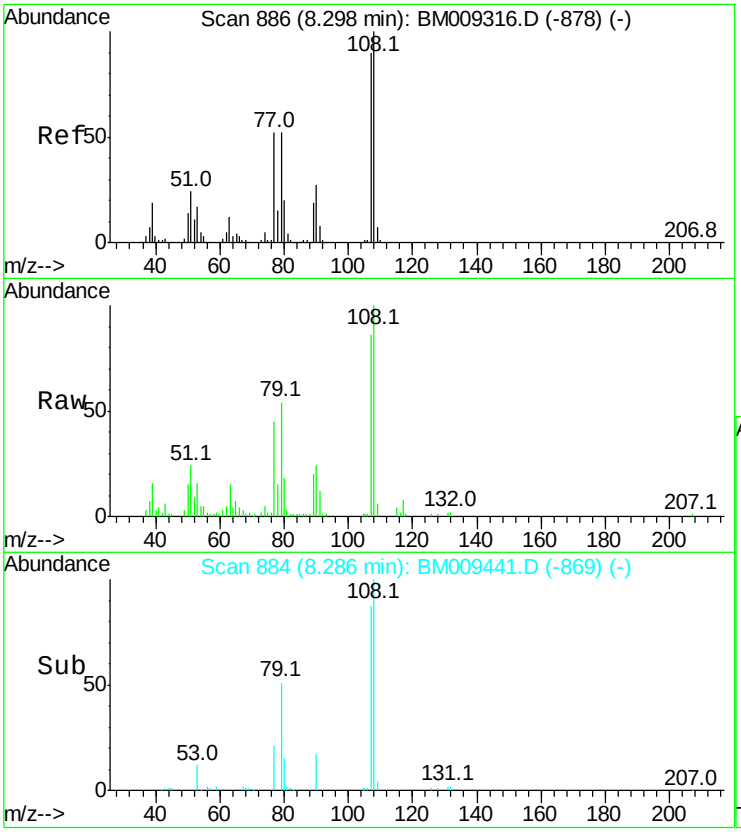


#10
Phenol
Concen: 4.63 ng
RT: 7.03 min Scan# 671
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion: 94 Resp: 58970

Ion	Ratio	Lower	Upper
94	100		
65	38.8	18.8	58.8
66	46.6	39.9	79.9



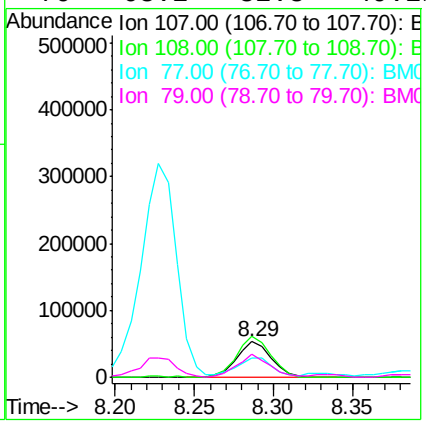


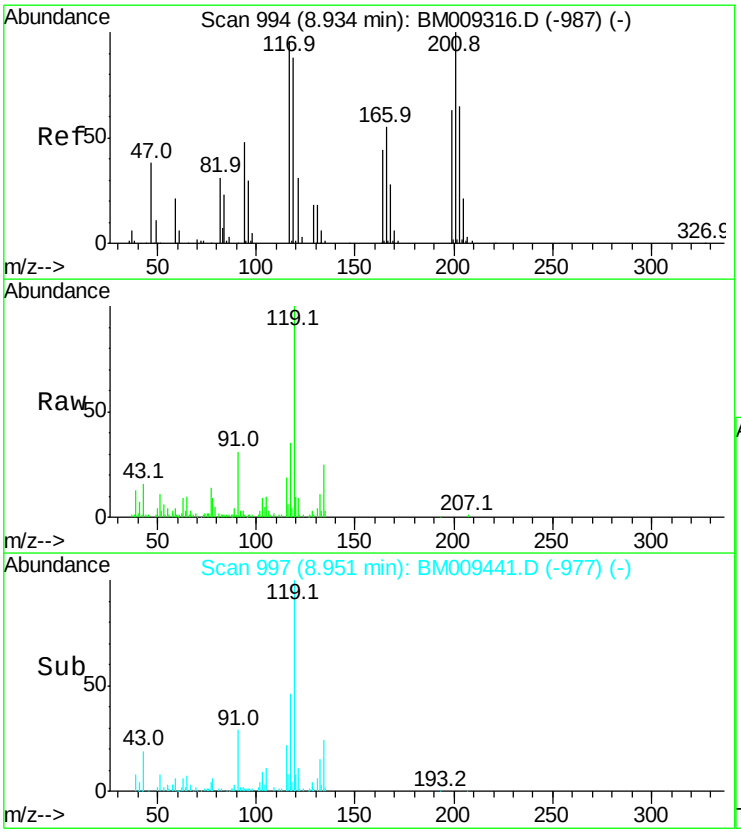
#17
2-Methylphenol
Concen: 9.58 ng
RT: 8.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:107 Resp: 79841

Ion	Ratio	Lower	Upper
107	100		
108	116.1	89.8	134.8
77	52.8	32.6	48.8#
79	63.2	32.8	49.2#

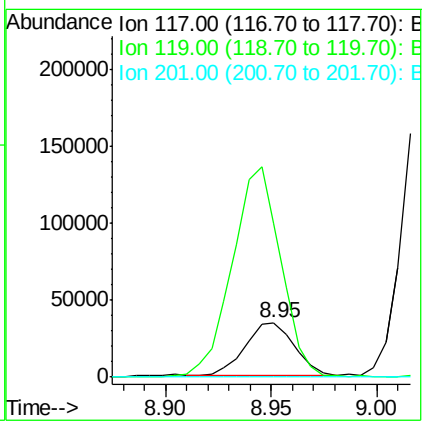


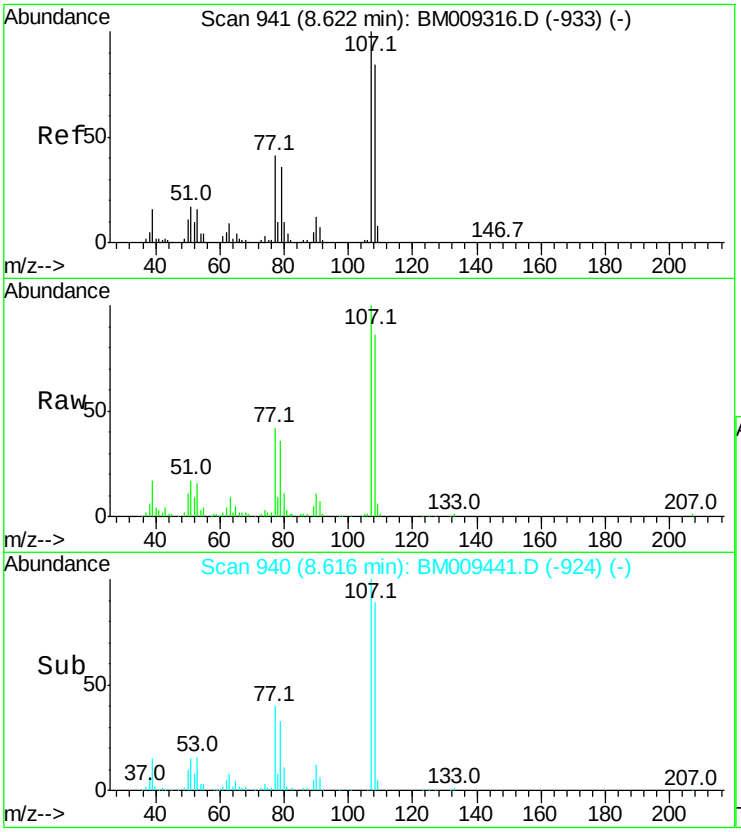


#18
Hexachloroethane
Concen: 12.66 ng
RT: 8.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:117 Resp: 56012

Ion	Ratio	Lower	Upper
117	100		
119	281.7	79.2	118.8#
201	0.0	69.8	104.6#



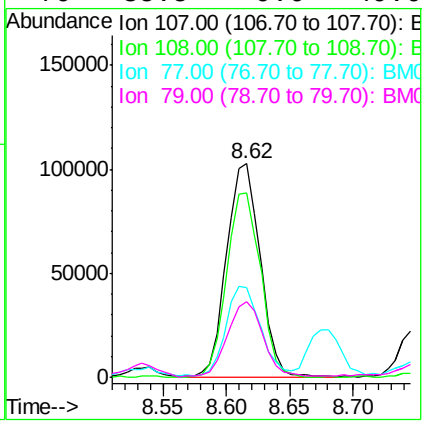


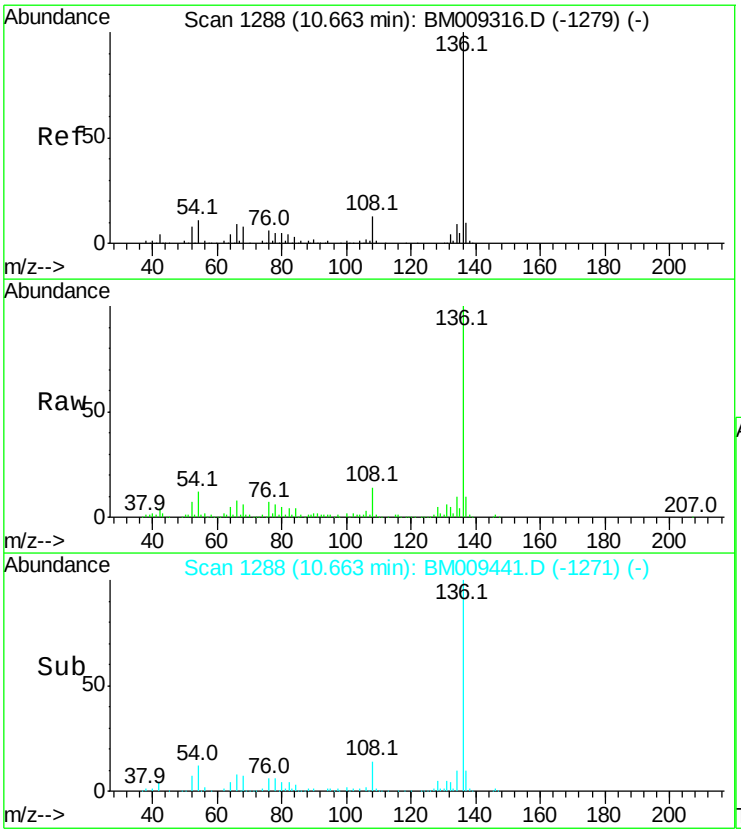
#20
3+4-Methylphenols
Concen: 16.69 ng
RT: 8.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:107 Resp: 189198

Ion	Ratio	Lower	Upper
107	100		
108	86.3	73.2	113.2
77	42.2	10.7	50.7
79	35.5	9.6	49.6

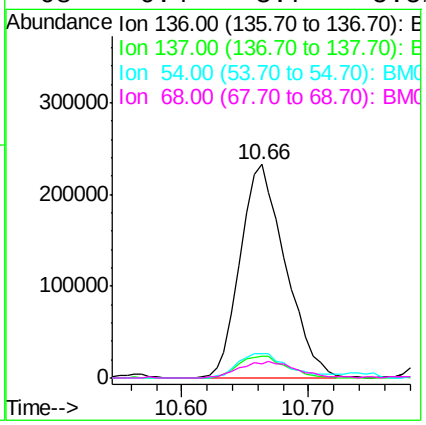


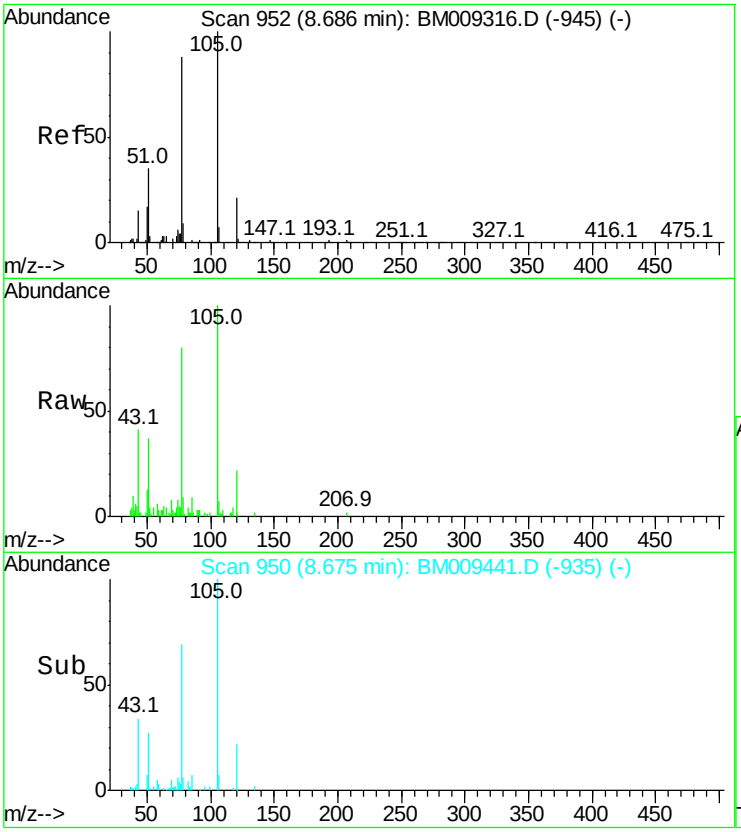


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:136 Resp: 578469

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	11.6	4.6	6.8#
68	6.4	3.7	5.5#



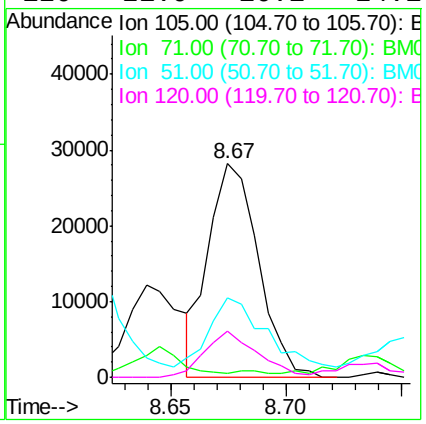


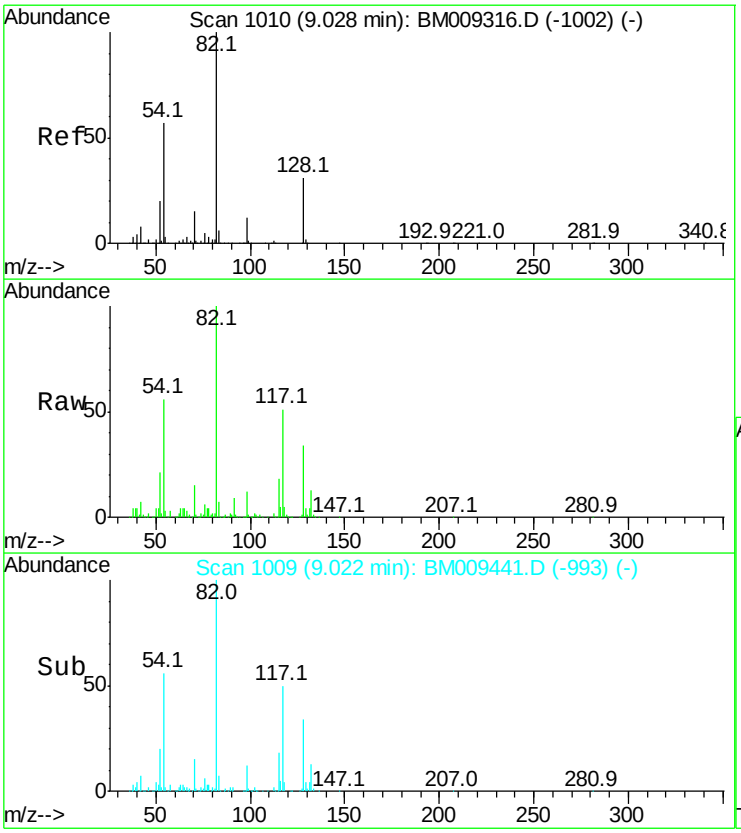
#22
Acetophenone
Concen: 2.60 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:105 Resp: 42339

Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.6	1.0#
51	37.4	21.6	32.4#
120	21.9	16.1	24.1

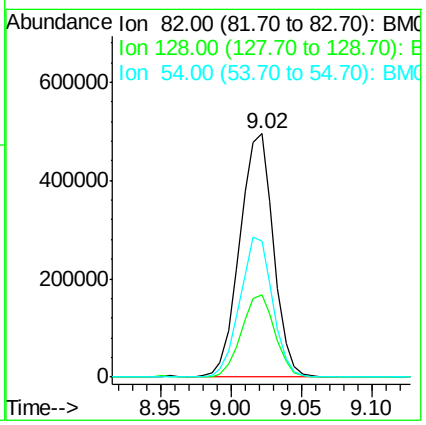


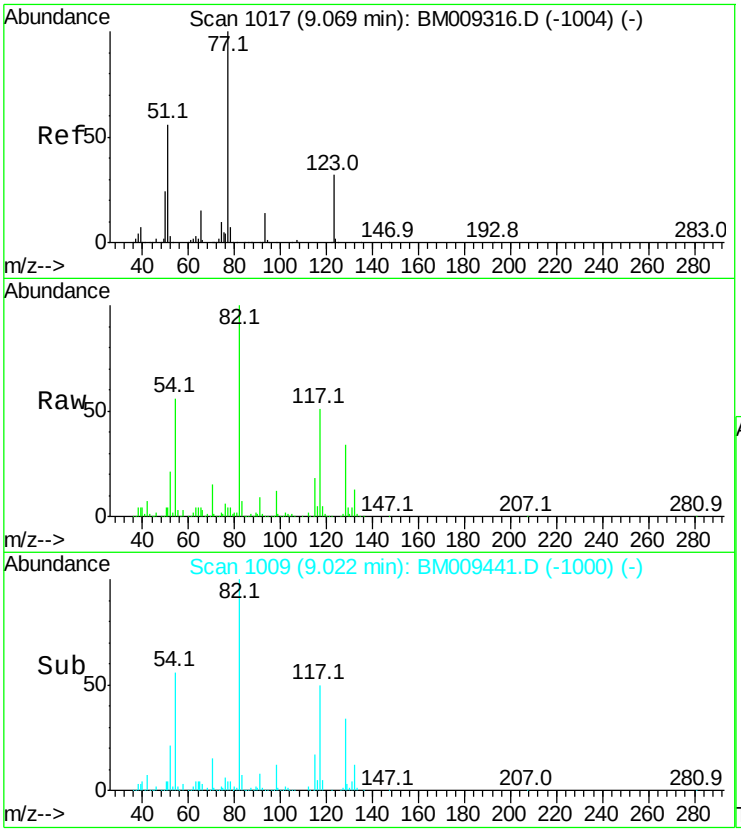


#23
Nitrobenzene-d5
Concen: 53.63 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion: 82 Resp: 827494

Ion	Ratio	Lower	Upper
82	100		
128	33.8	32.8	49.2
54	56.0	40.6	60.8



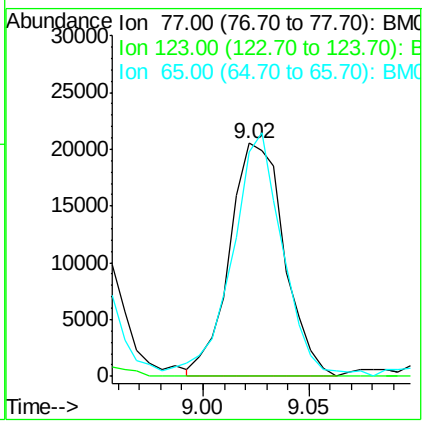


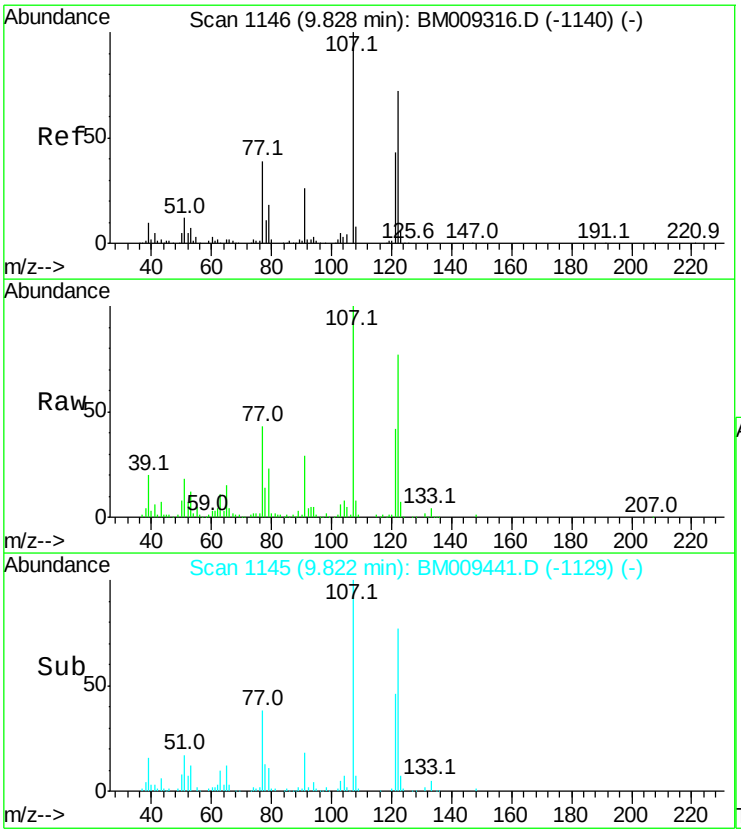
#24
Nitrobenzene
Concen: 2.43 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion: 77 Resp: 36726

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	96.3	10.9	16.3#

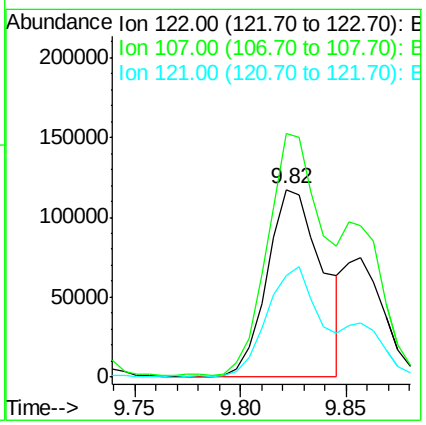


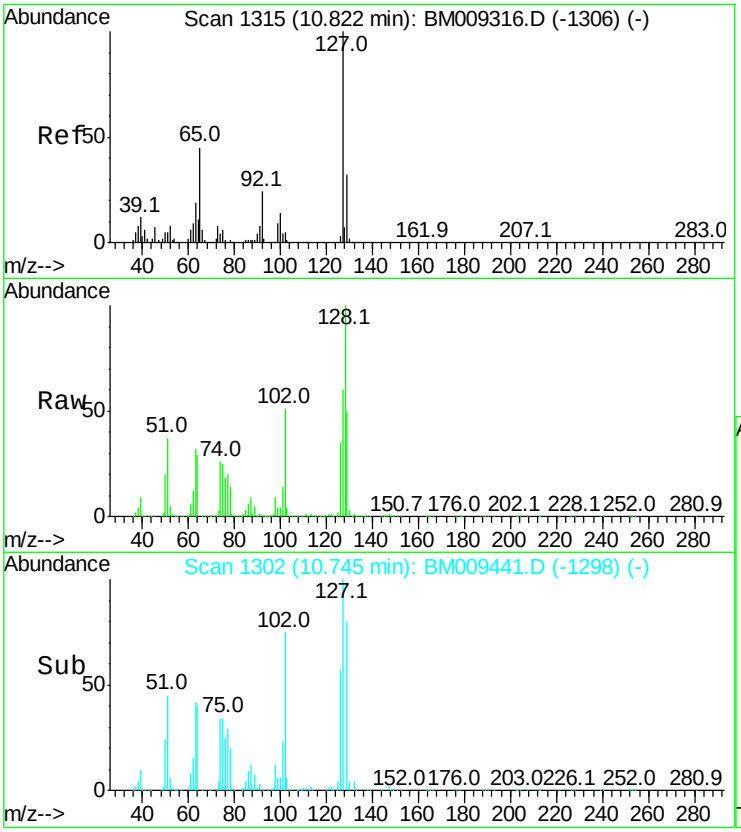


#27
2,4-Dimethylphenol
Concen: 25.68 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:122 Resp: 214139

Ion	Ratio	Lower	Upper
122	100		
107	130.0	84.7	127.1#
121	54.5	46.6	69.8



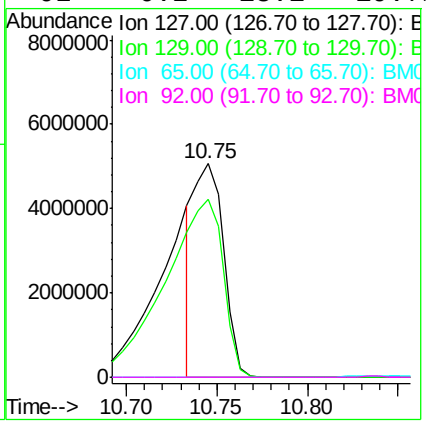


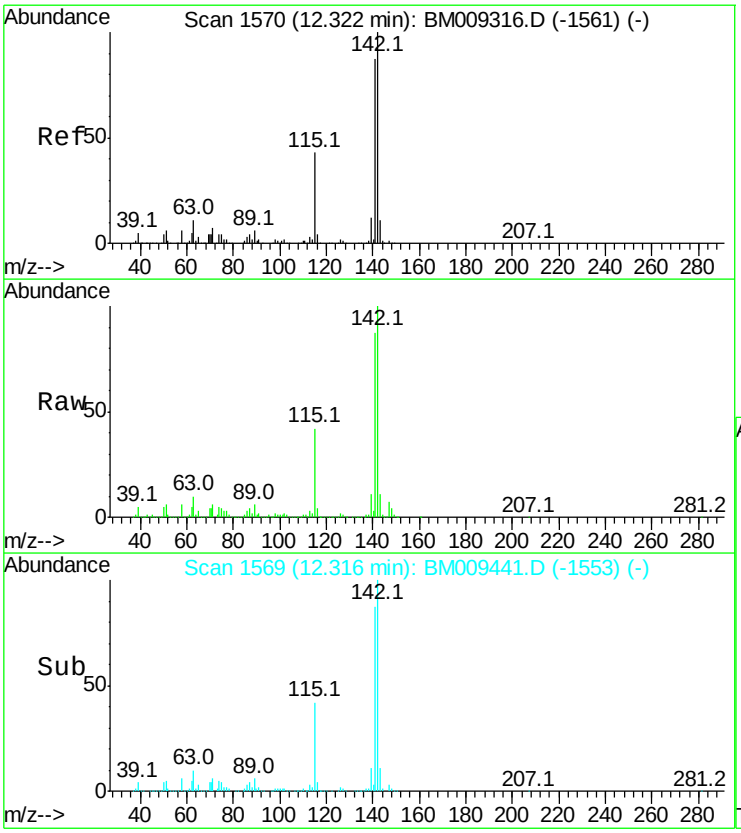
#33
4-Chloroaniline
Concen: 472.39 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.08 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:127 Resp: 5594908

Ion	Ratio	Lower	Upper
127	100		
129	83.5	25.3	37.9#
65	0.0	17.6	26.4#
92	0.2	13.1	19.7#

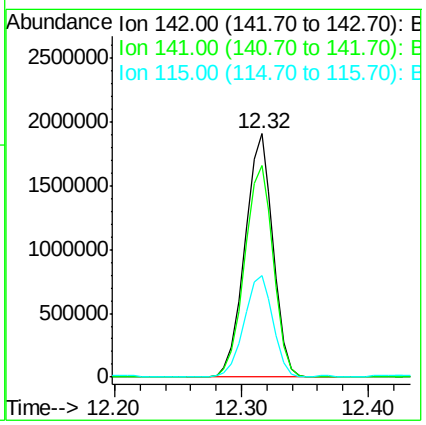


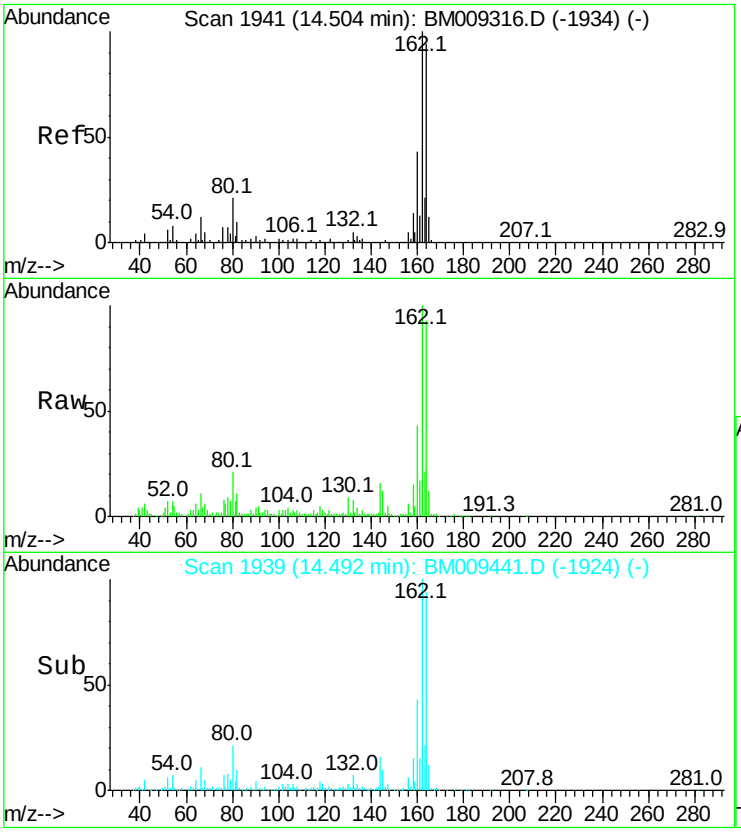


#37
2-Methylnaphthalene
Concen: 138.53 ng
RT: 12.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:142 Resp: 2935897

Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.9	107.9
115	41.8	25.4	38.0#



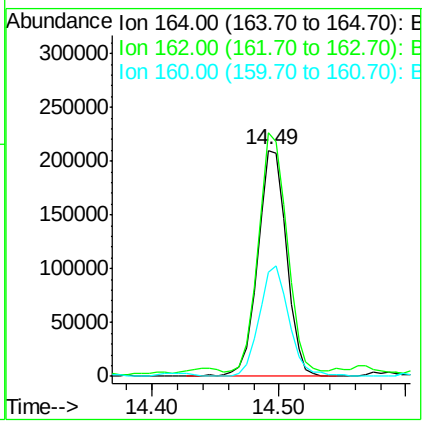


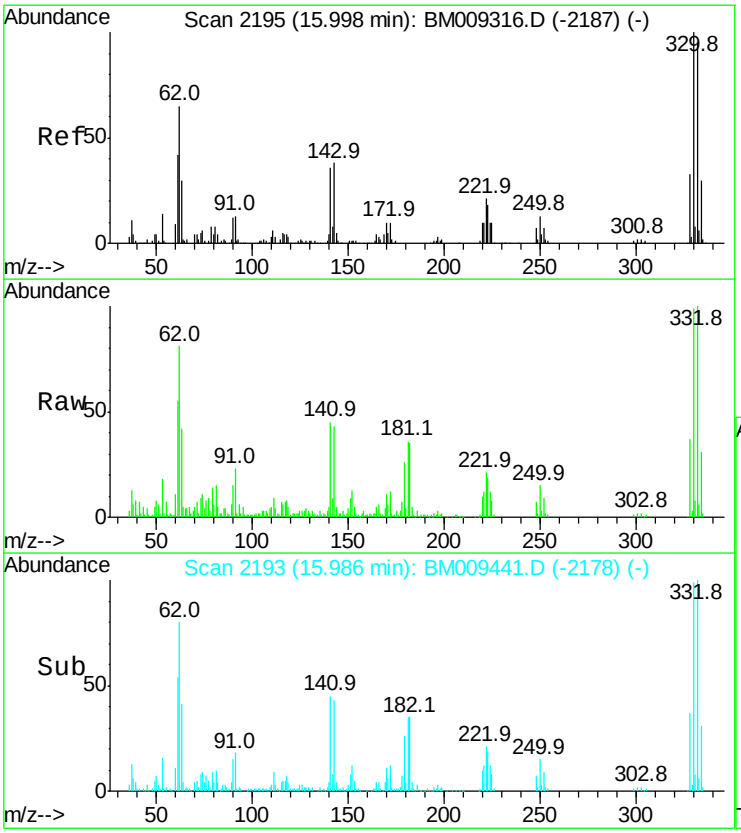
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:164 Resp: 329770

Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.4	123.6
160	46.3	35.8	53.6

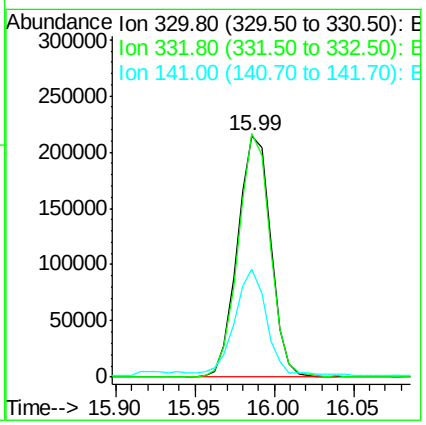


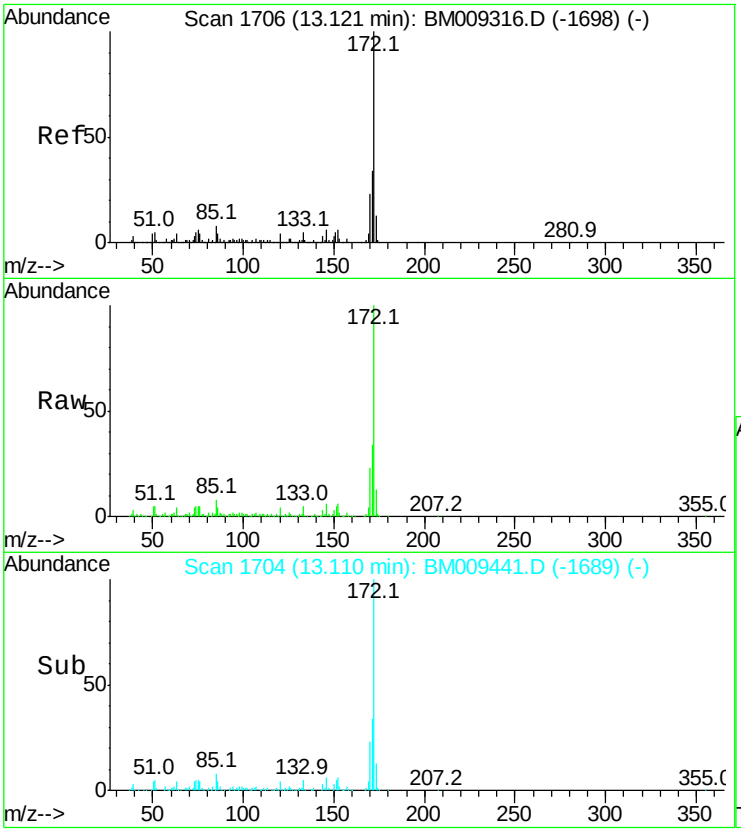


#41
2,4,6-Tribromophenol
Concen: 76.39 ng
RT: 15.99 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:330 Resp: 312935

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	43.0	0.0	0.0#



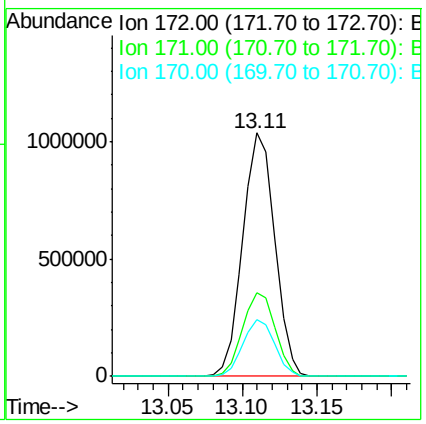


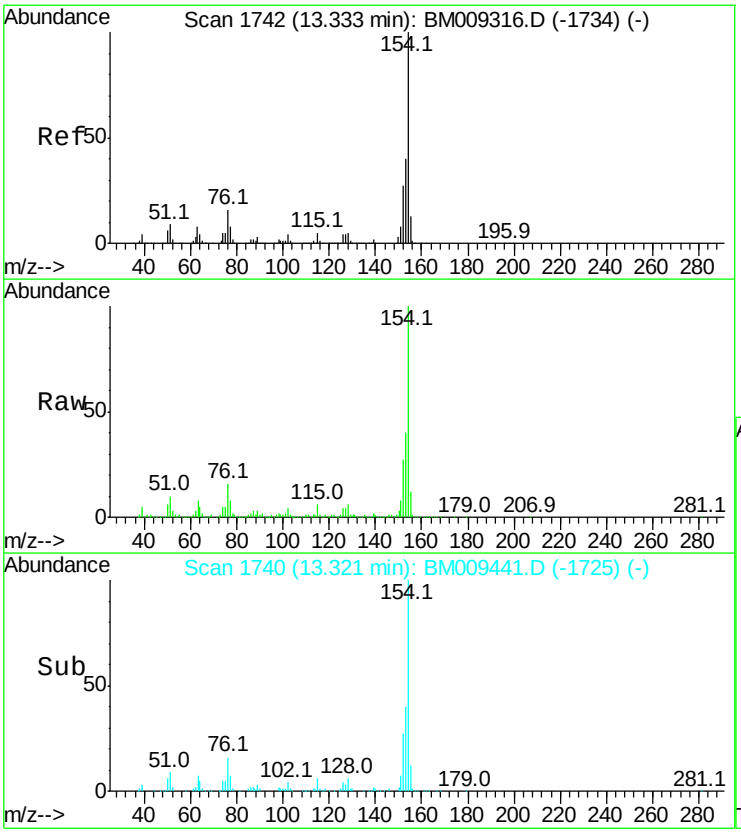
#44
2-Fluorobiphenyl
Concen: 56.31 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:172 Resp: 1540994

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	23.4	18.8	28.2

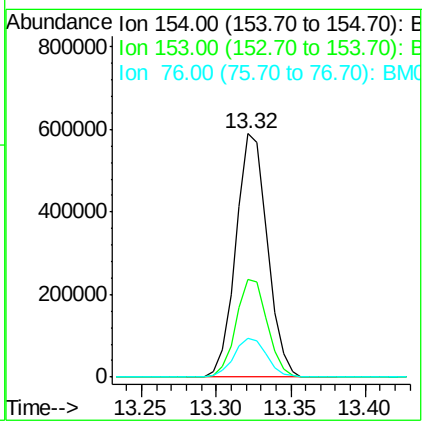


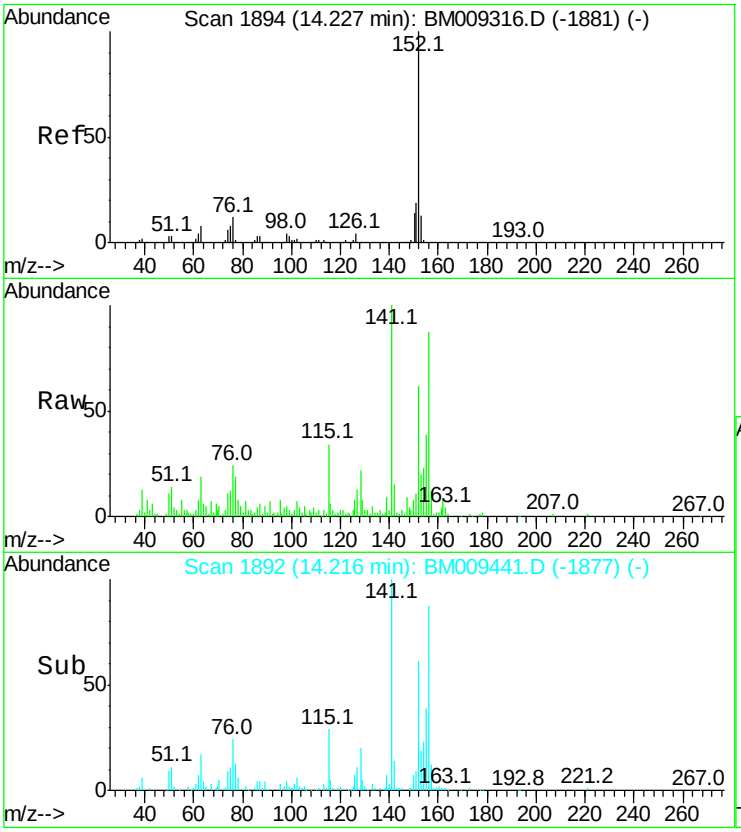


#45
1,1'-Biphenyl
Concen: 31.40 ng
RT: 13.32 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:154 Resp: 861851

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.7	60.7
76	15.9	0.0	30.9



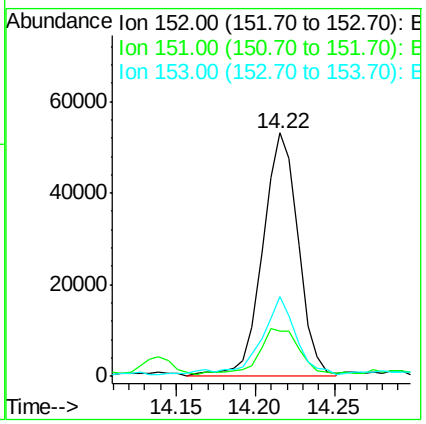


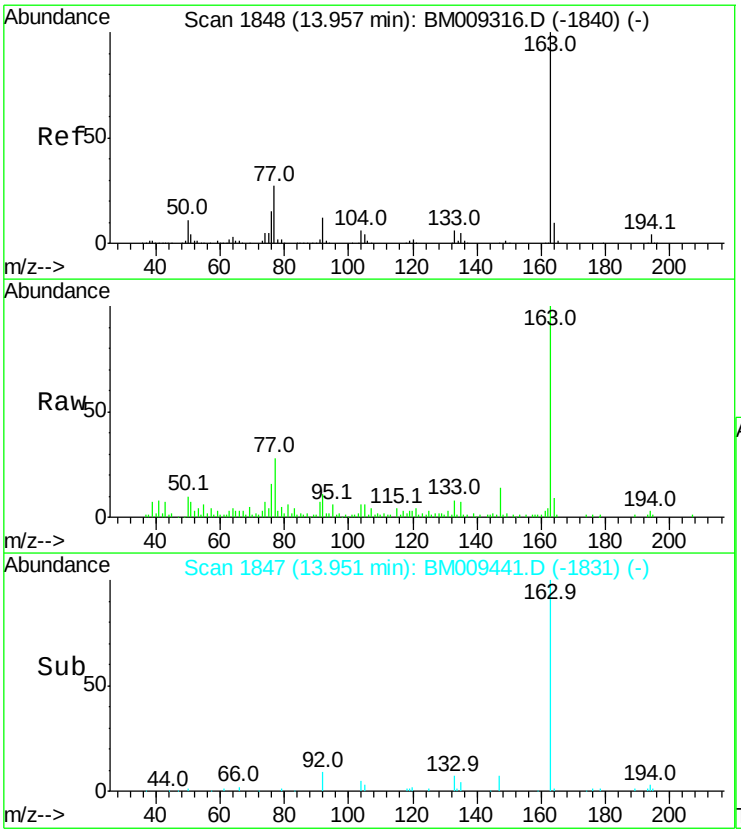
#48
Acenaphthylene
Concen: 2.40 ng
RT: 14.22 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:152 Resp: 83286

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.9	23.9
153	33.0	10.6	16.0#

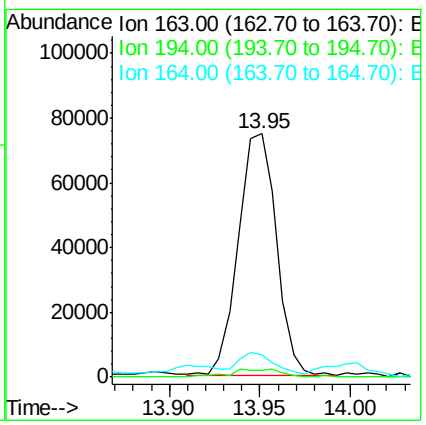


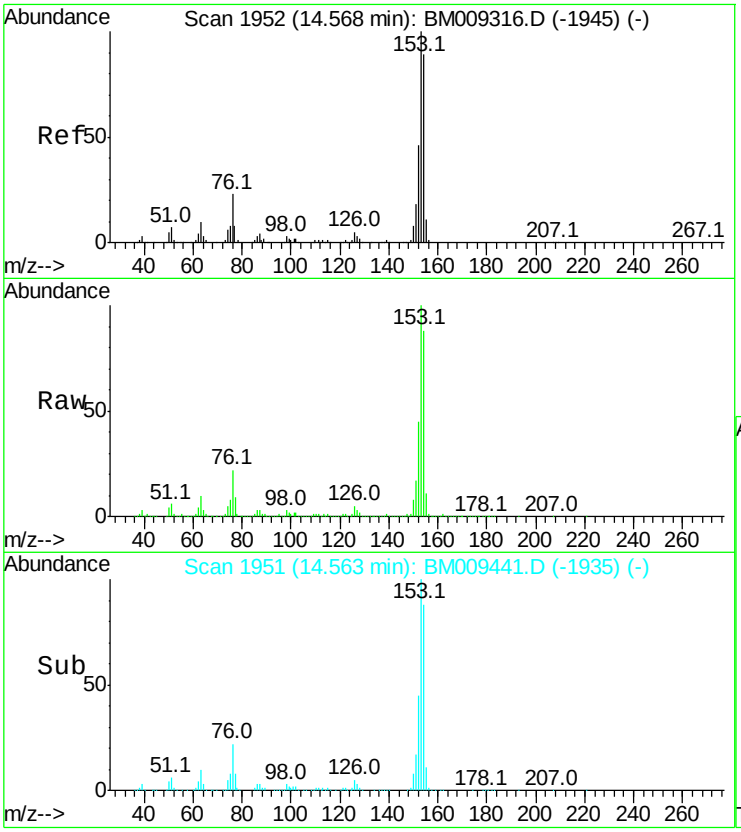


#49
Dimethylphthalate
Concen: 4.29 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:163 Resp: 108551

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.7	4.1#
164	9.3	8.2	12.2



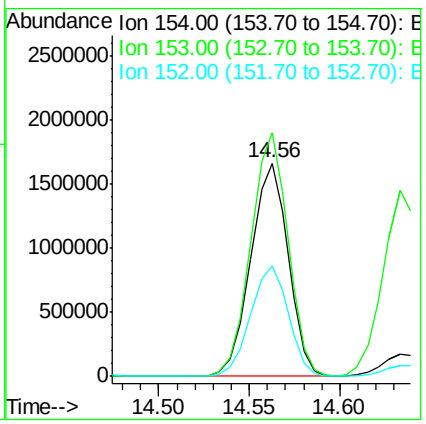


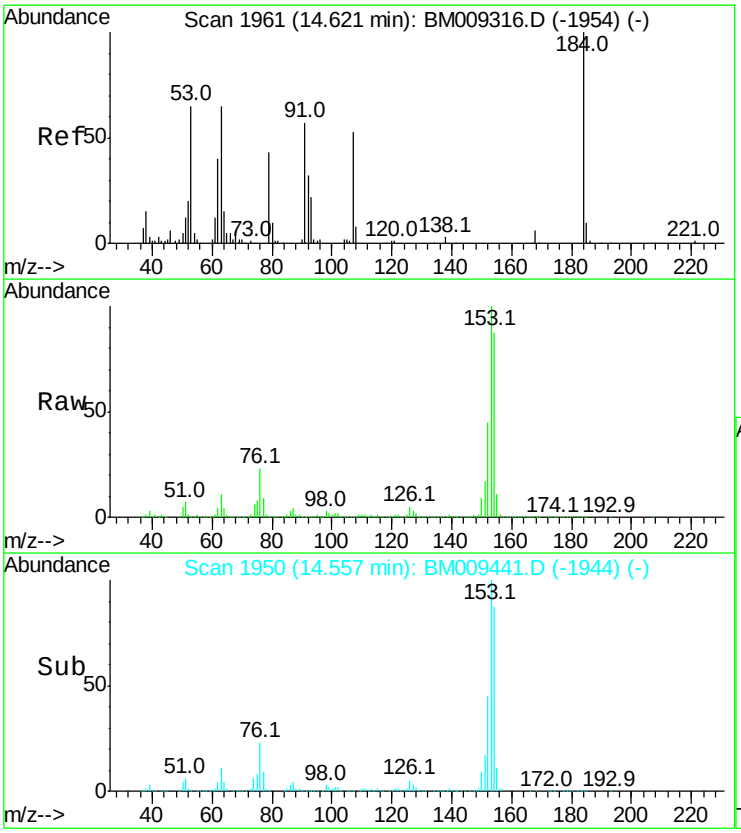
#51
Acenaphthene
Concen: 113.98 ng
RT: 14.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:154 Resp: 2387748

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.0	135.0
152	51.8	42.6	63.8

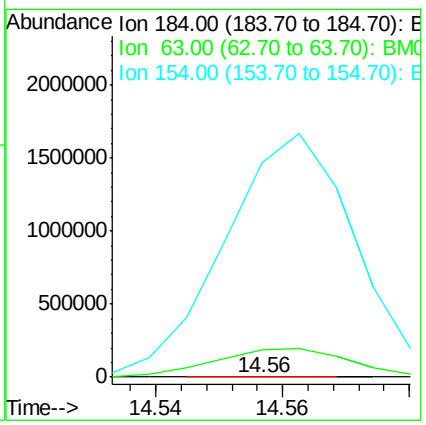


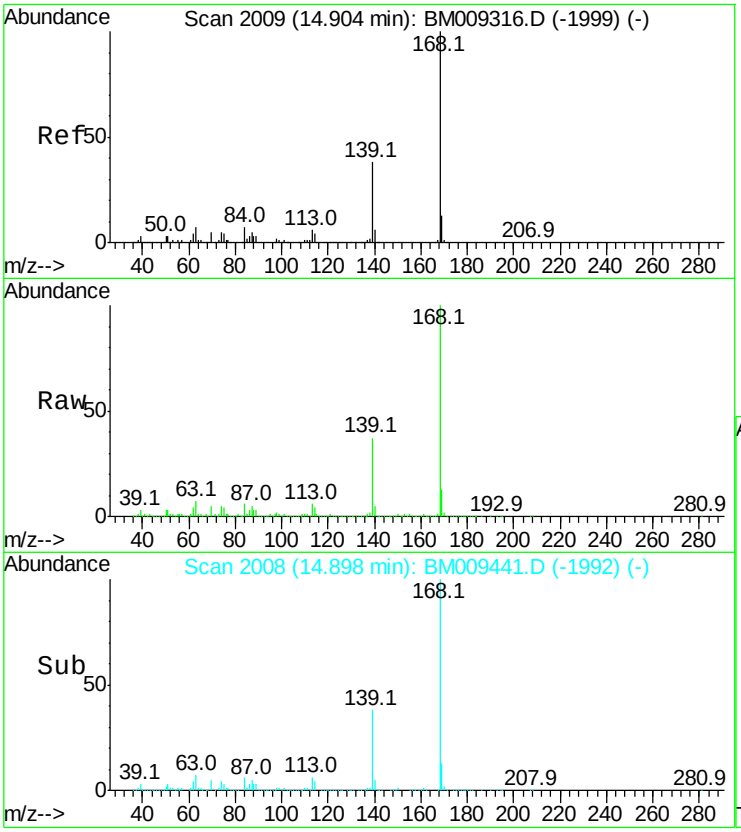


#53
2,4-Dinitrophenol
Concen: 5.51 ng
RT: 14.56 min Scan# 1950
Delta R.T. -0.06 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:184 Resp: 164

Ion	Ratio	Lower	Upper
184	100		
63	40753.5	69.2	103.8#
154	314687.3	53.3	79.9#



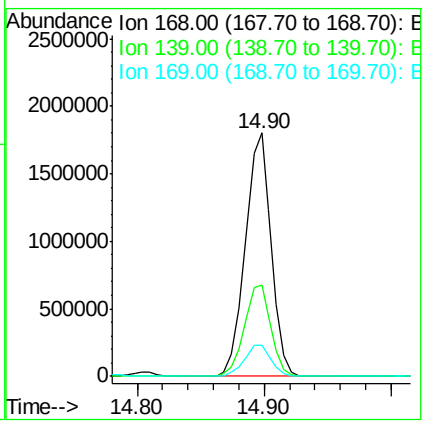


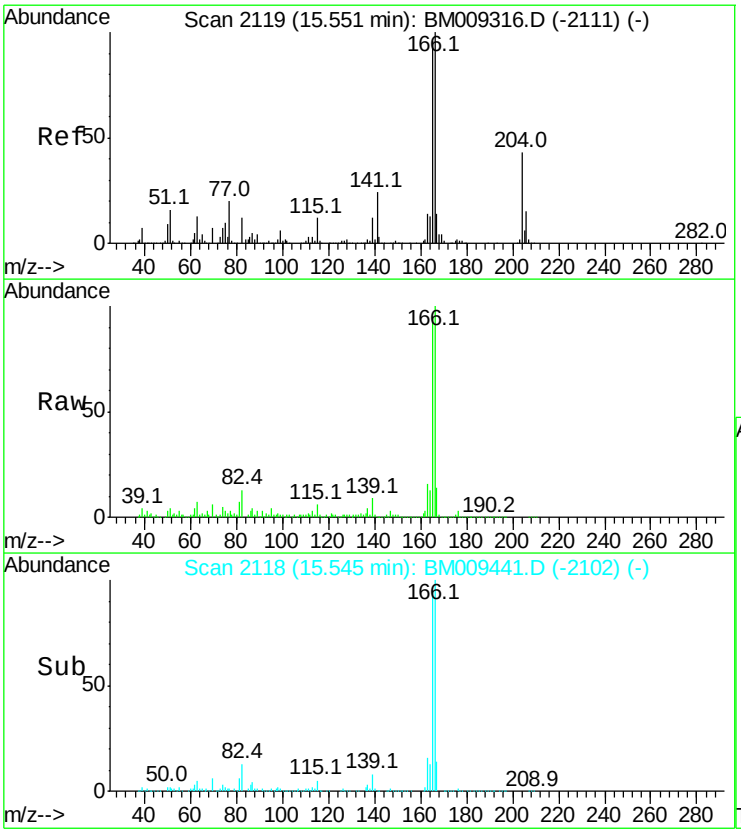
#54
Dibenzofuran
Concen: 82.15 ng
RT: 14.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:168 Resp: 2544982

Ion	Ratio	Lower	Upper
168	100		
139	37.4	27.3	40.9
169	12.9	10.6	16.0

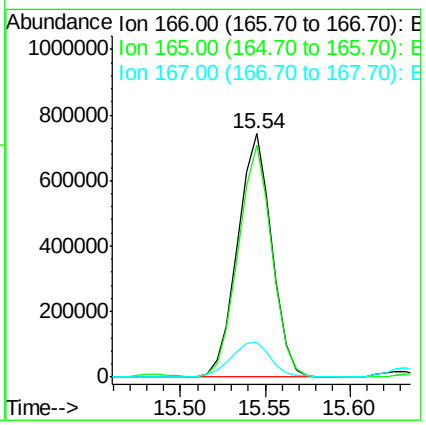


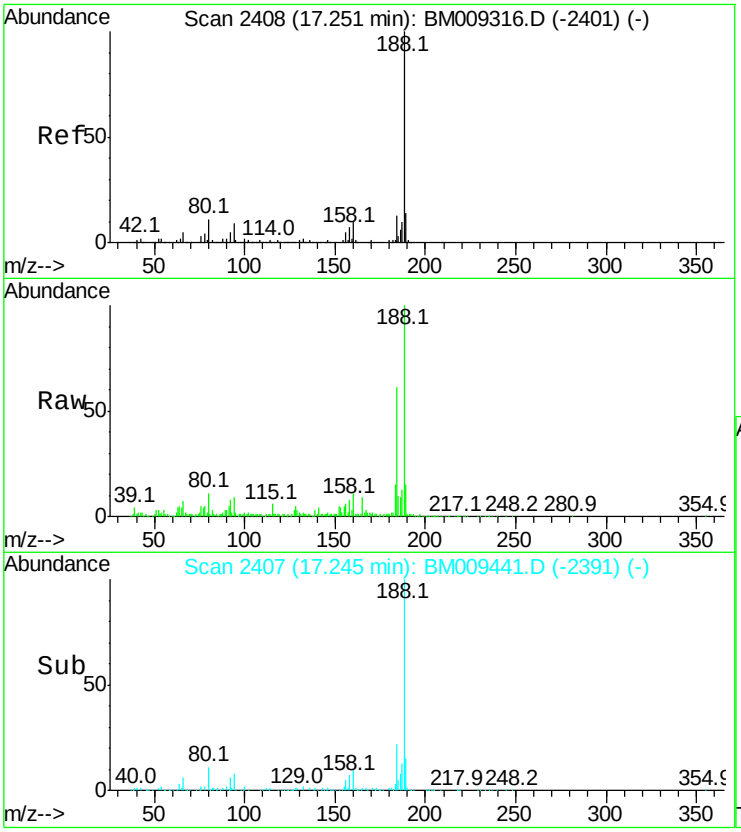


#57
Fluorene
Concen: 37.36 ng
RT: 15.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:166 Resp: 1040183

Ion	Ratio	Lower	Upper
166	100		
165	95.1	79.0	118.4
167	14.1	10.3	15.5



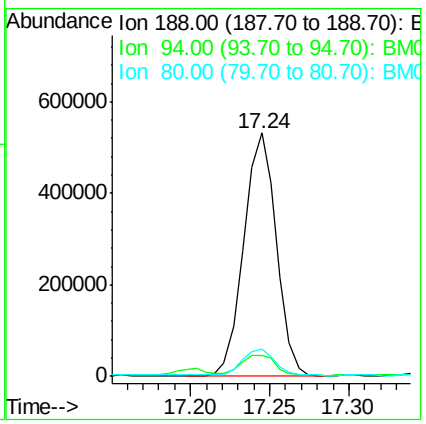


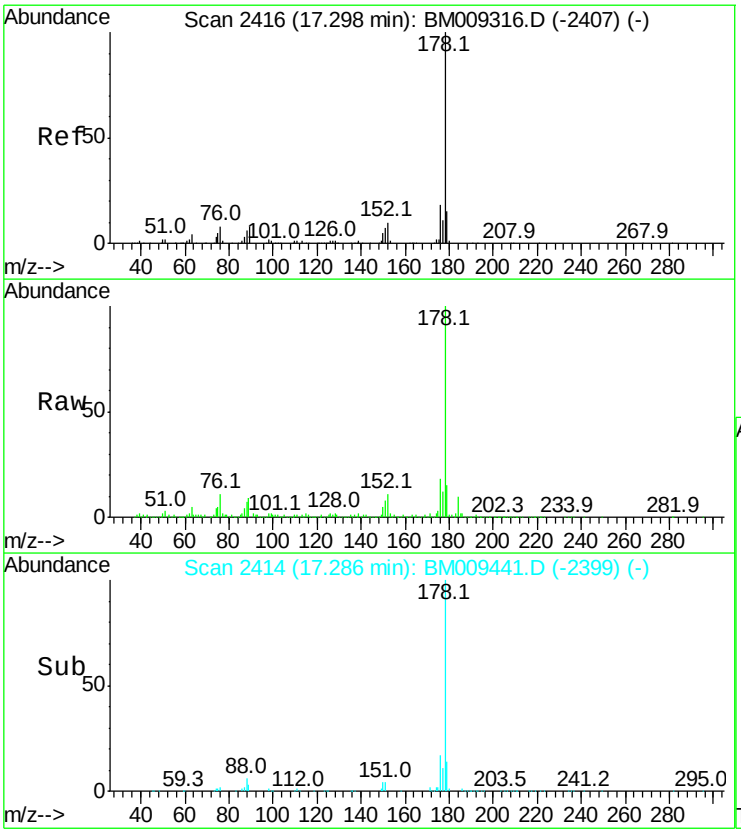
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:188 Resp: 755715

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.7	13.1#
80	11.4	9.3	13.9

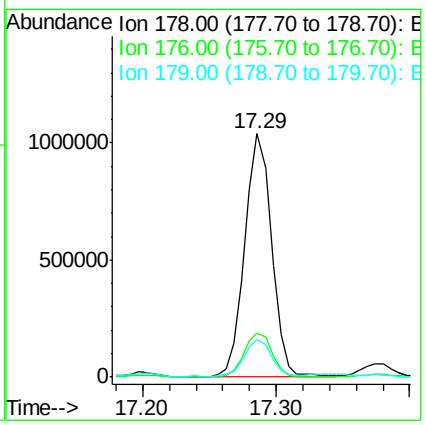


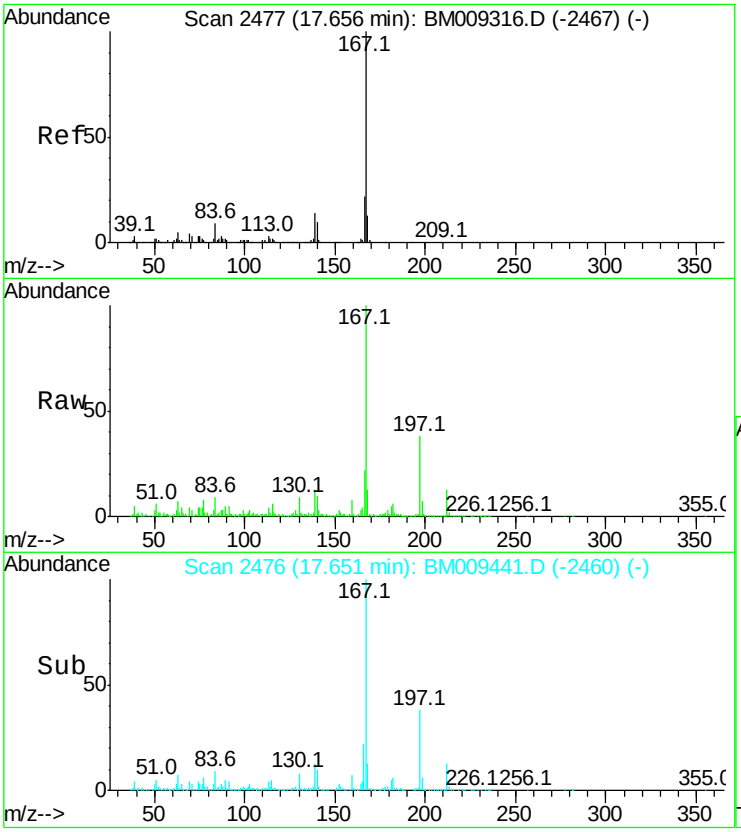


#70
Phenanthrene
Concen: 33.19 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:178 Resp: 1434358

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.2	22.8
179	15.4	12.1	18.1



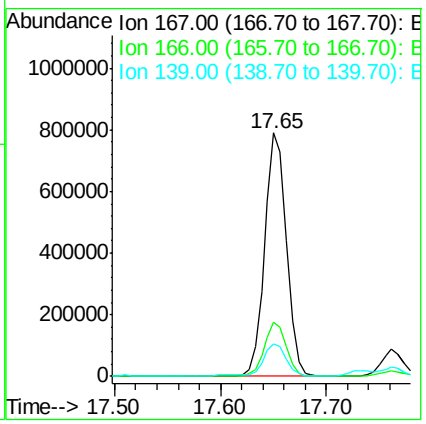


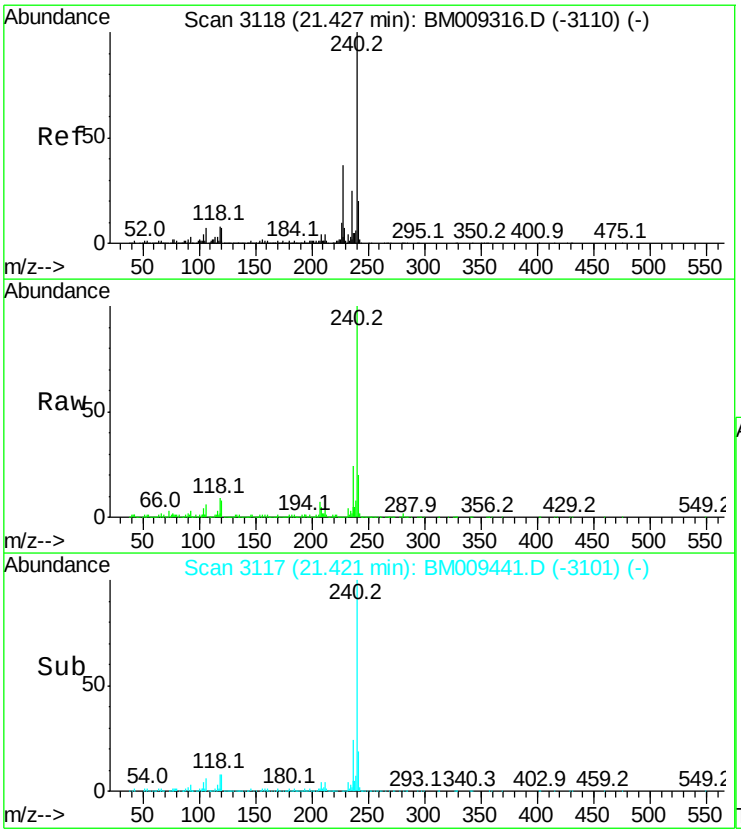
#72
Carbazole
Concen: 26.63 ng
RT: 17.65 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:167 Resp: 1115766

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	13.2	10.8	16.2

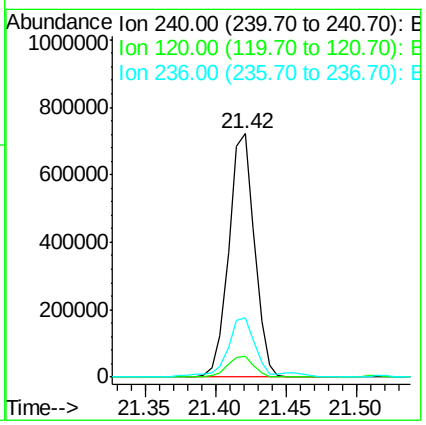


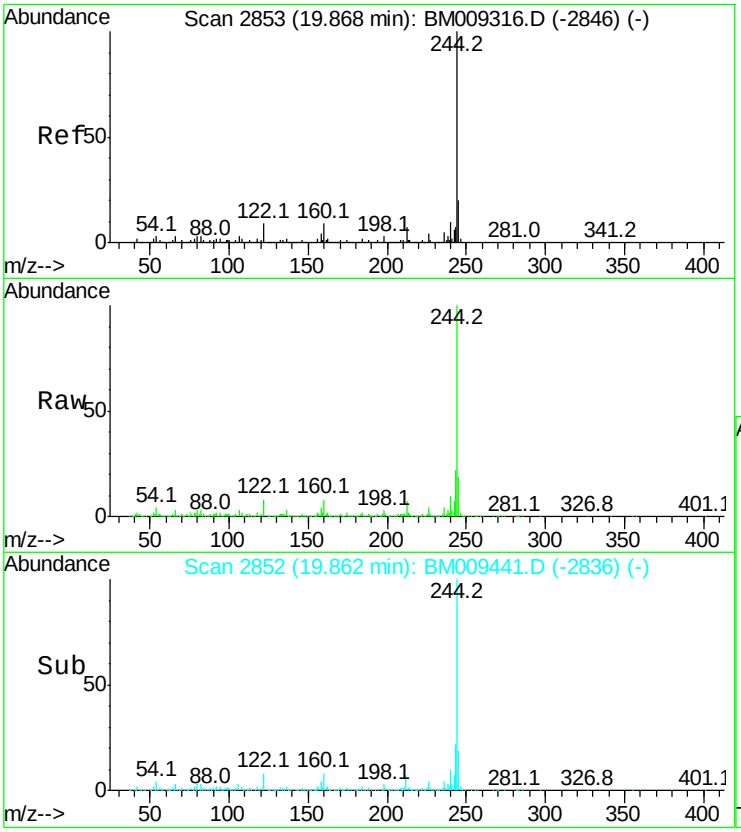


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:240 Resp: 909370

Ion	Ratio	Lower	Upper
240	100		
120	8.4	8.2	12.2
236	24.4	20.0	30.0



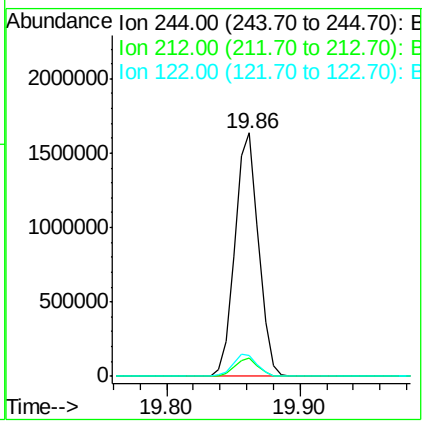


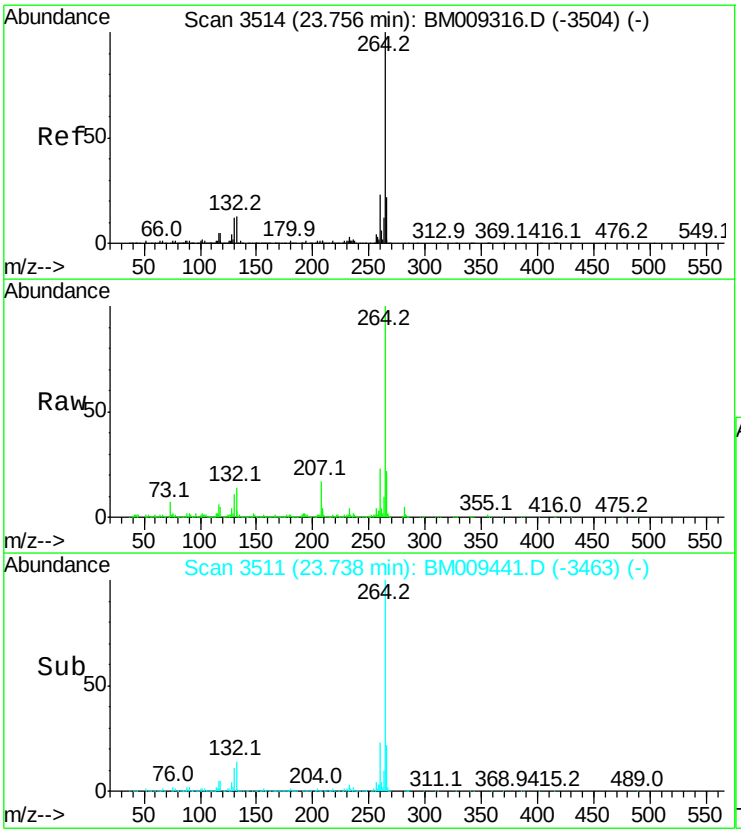
#78
Terphenyl-d14
Concen: 45.96 ng
RT: 19.86 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GW

Tgt Ion:244 Resp: 2000215

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	8.4	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009441.D
Acq: 29 Mar 2017 20:23

Tgt Ion:264 Resp: 879756

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	22.4	17.3	25.9