Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
Data File : BM014163.D
Acq On : 07 Feb 2018 16:01
Operator : SJ/JU
Sample : PB106006BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 07 16:44:30 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 15:01:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	62204	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	229202	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	154235	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	398758	20.00	ng	0.00
75) Chrysene-d12	21.17	240	478627	20.00	ng	0.00
86) Perylene-d12	23.34	264	488828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	213634	59.86	ng	0.00
7) Phenol-d6	6.73	99	288858	57.15	ng	0.00
23) Nitrobenzene-d5	8.70	82	228717	44.57	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	112671	51.48	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	522142	42.26	ng	0.00
78) Terphenyl-d14	19.60	244	1034308	42.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	164	0.112	ng	# 100
4) n-Nitrosodimethylamine	3.49	42	116	0.045	ng	# 1
9) Benzaldehyde	6.73	77	1111	0.305	ng	# 2
10) Phenol	6.77	94	945	0.189	ng	# 1
15) Benzyl Alcohol	7.86	79	5539	1.183	ng	# 56
24) Nitrobenzene	8.75	77	248	0.047	ng	# 42
25) Isophorone	9.22	82	384	0.045	ng	# 62
45) 1,1'-Biphenyl	13.06	154	756	0.057	ng	# 42
49) Dimethylphthalate	13.69	163	31856	2.307	ng	# 92
51) Acenaphthene	14.20	154	216	0.021	ng	# 5
59) Diethylphthalate	15.07	149	122	0.008	ng	# 58
73) Di-n-butylphthalate	17.95	149	236	0.008	ng	# 78
79) Butylbenzylphthalate	20.24	149	110	0.007	ng	# 28
80) Benzo(a)anthracene	21.17	228	1659	0.053	ng	# 66
82) Chrysene	21.17	228	1659	0.055	ng	# 62
83) Bis(2-ethylhexyl)phthalate	21.09	149	1587	0.073	ng	# 52
84) Di-n-octyl phthalate	21.95	149	1010	0.033	ng	# 1
87) Benzo(b)fluoranthene	22.71	252	368	0.011	ng	# 11
88) Benzo(k)fluoranthene	22.73	252	108	0.003	ng	# 1
89) Benzo(a)pyrene	23.26	252	420	0.014	ng	# 1

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

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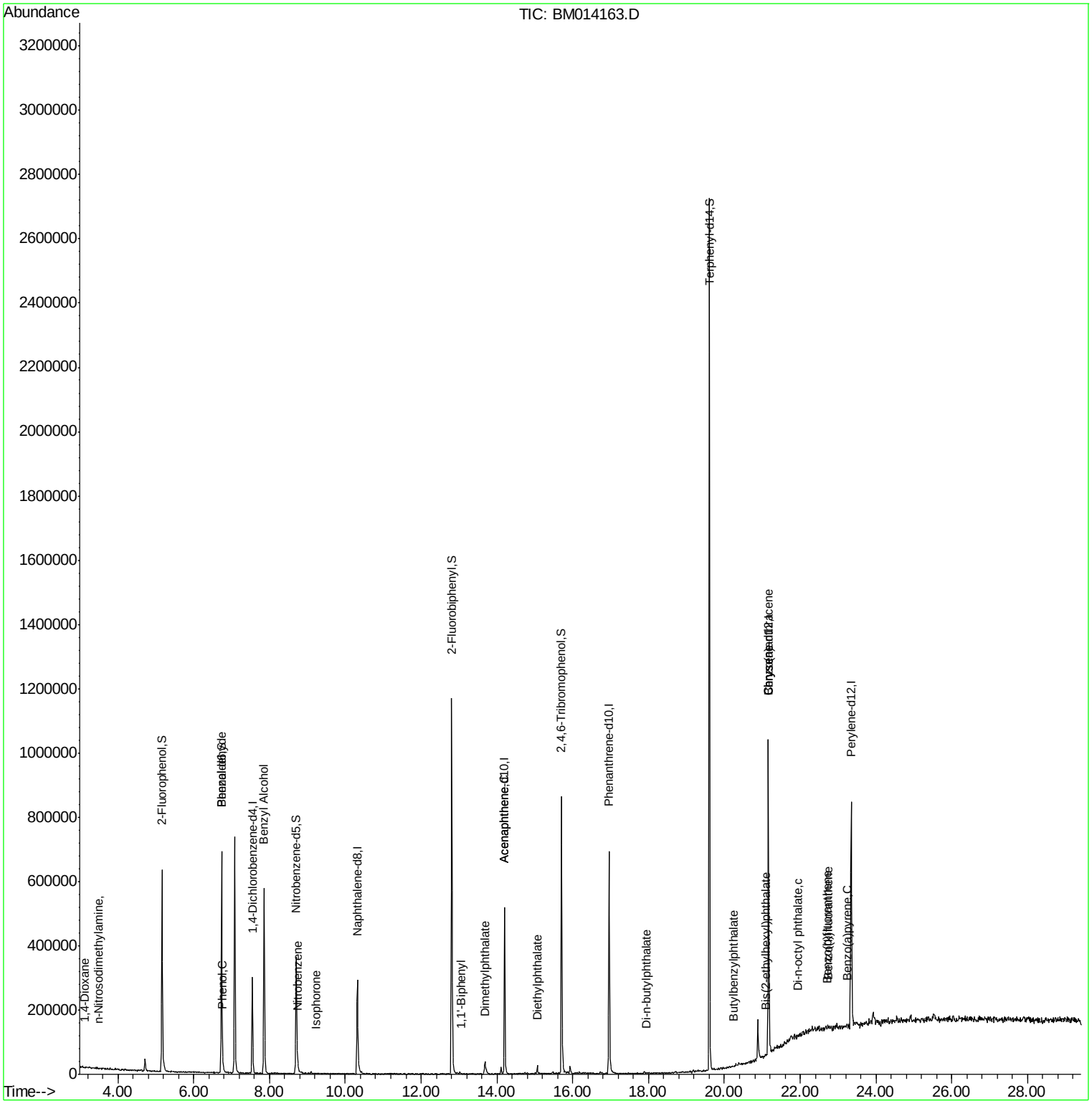
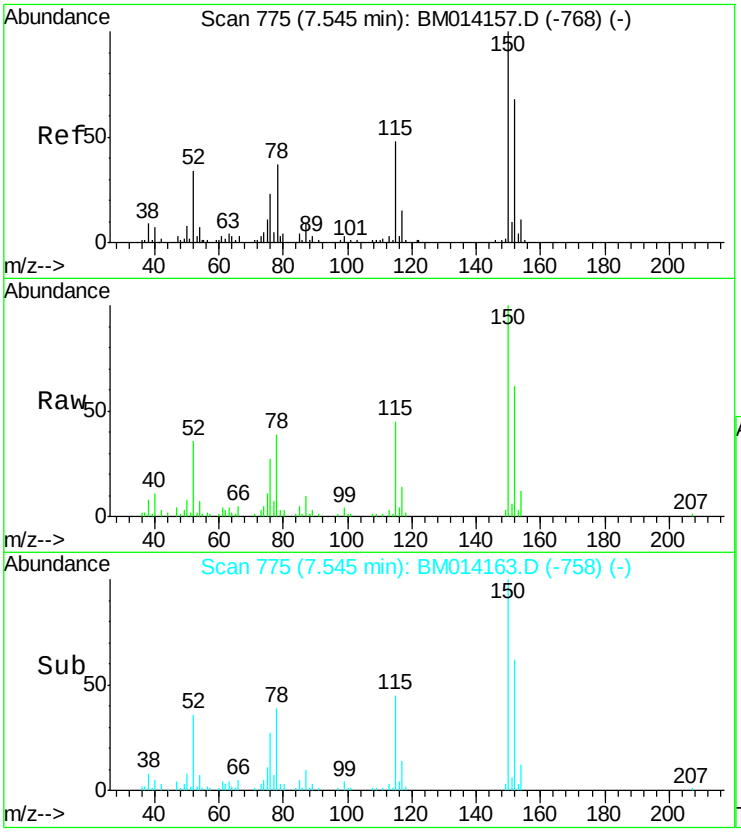


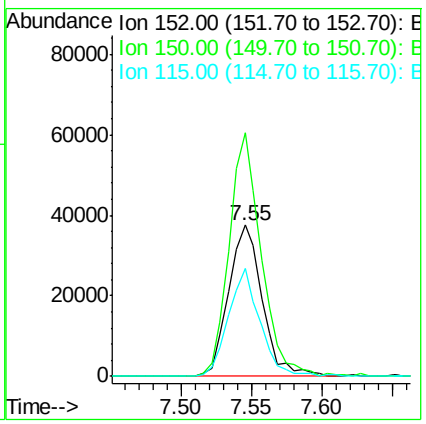


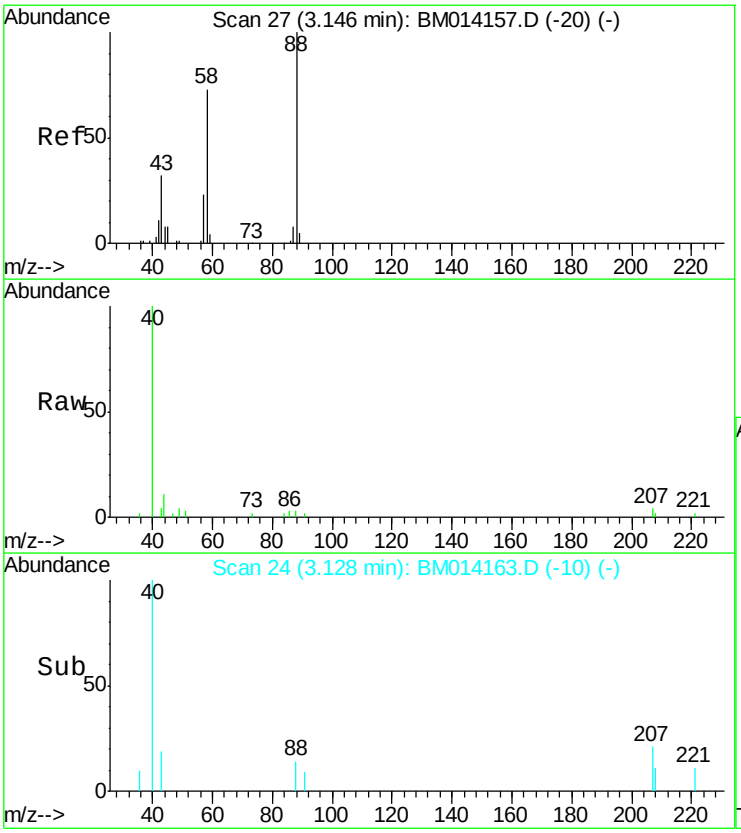
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 62204

Ion	Ratio	Lower	Upper
152	100		
150	161.3	119.5	179.3
115	71.9	43.0	64.4#

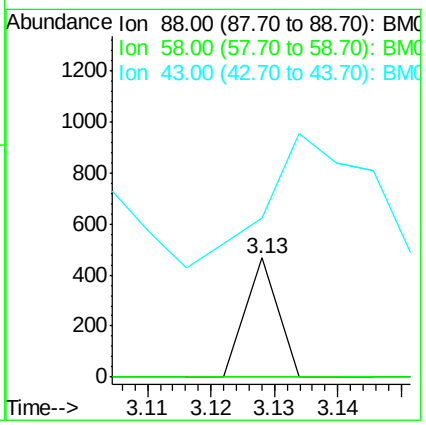


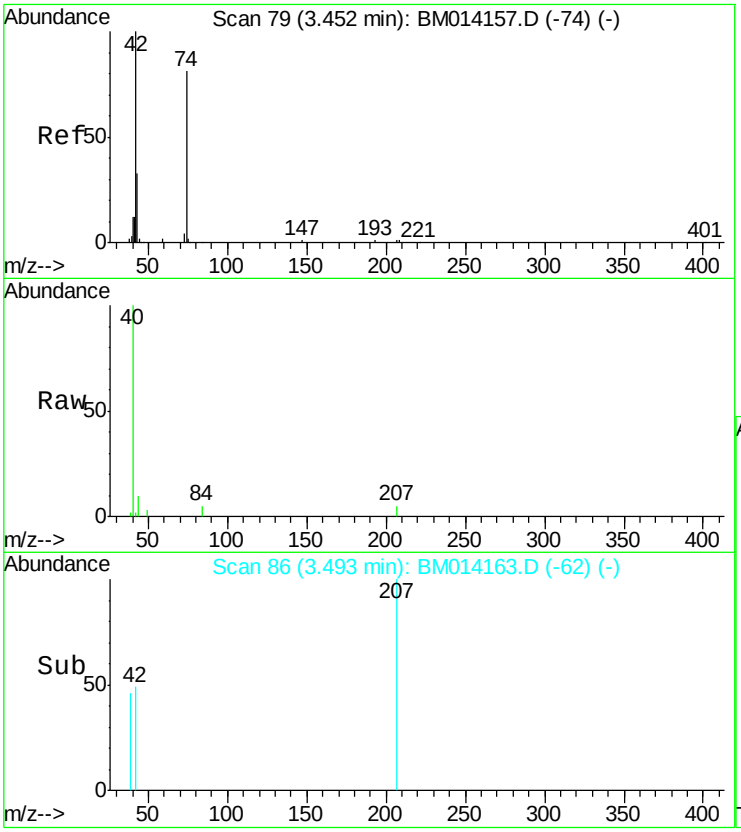


#2
1,4-Dioxane
Concen: 0.112 ng
RT: 3.13 min Scan# 24
Delta R.T. -0.02 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion: 88 Resp: 164

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	998.2	0.0	0.0#



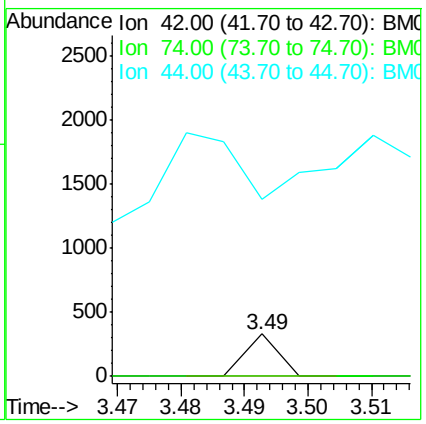


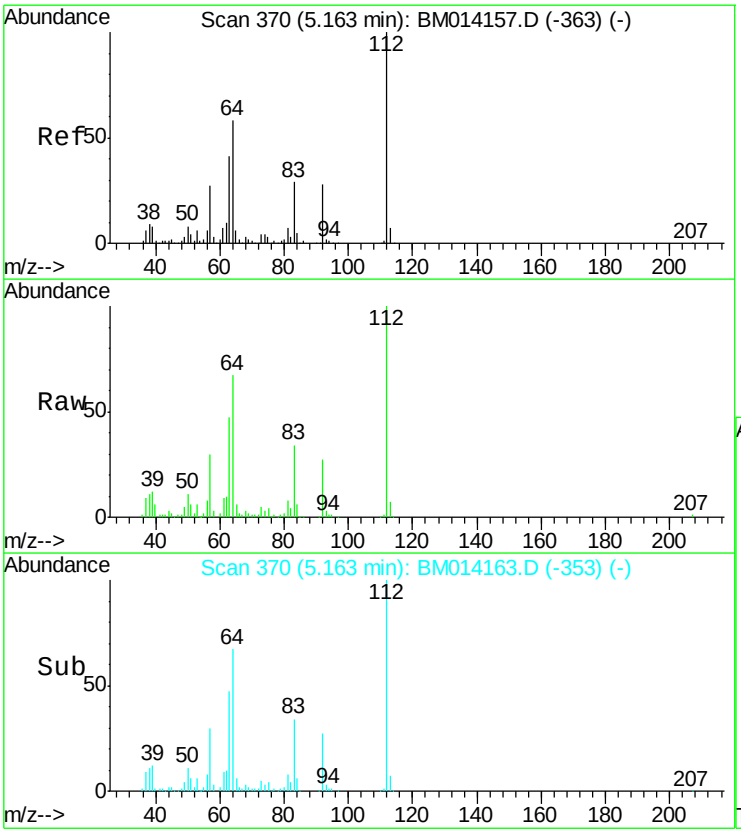
#4
n-Nitrosodimethylamine
Concen: 0.045 ng
RT: 3.49 min Scan# 86
Delta R.T. 0.04 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 116

Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.3	178.9#
44	420.1	5.4	8.2#

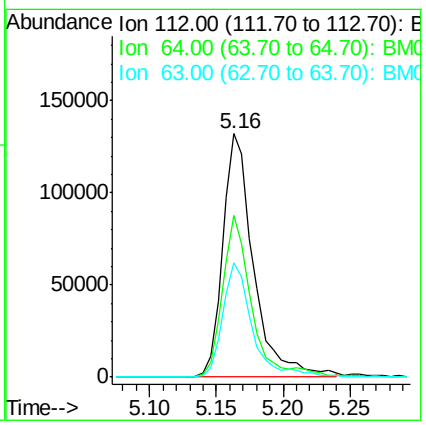


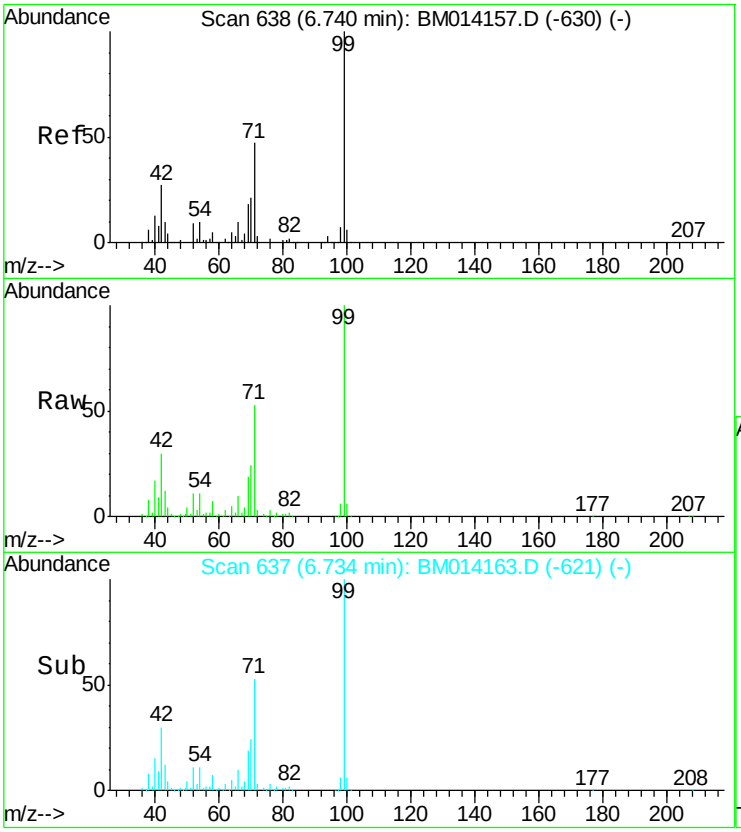


#5
2-Fluorophenol
Concen: 59.861 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion:112 Resp: 213634

Ion	Ratio	Lower	Upper
112	100		
64	66.7	38.6	57.8#
63	46.9	19.3	28.9#



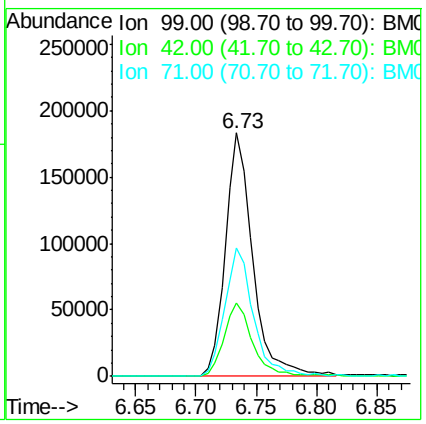


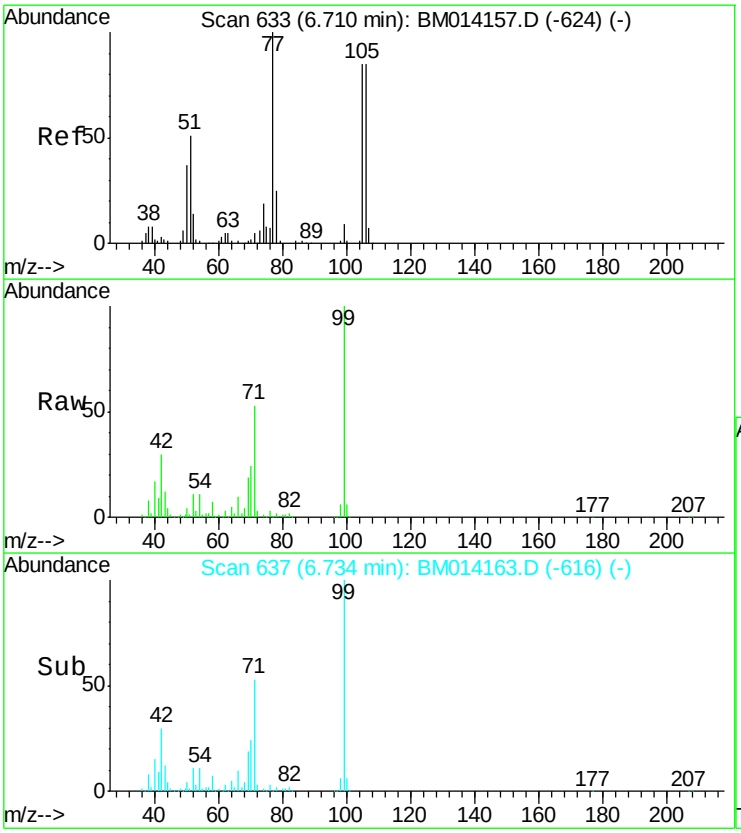
#7
Phenol-d6
Concen: 57.149 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 288858

Ion	Ratio	Lower	Upper
99	100		
42	29.9	11.0	16.4#
71	52.9	23.4	35.2#

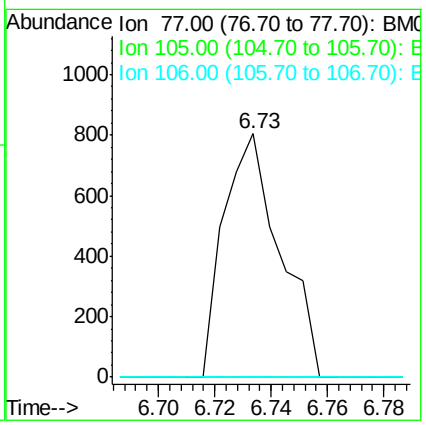


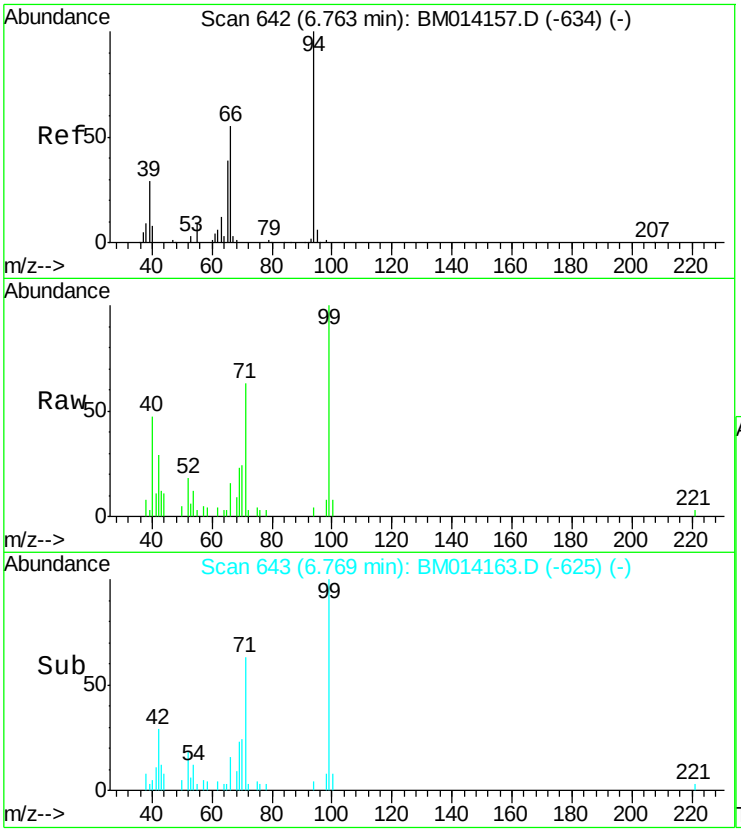


#9
Benzaldehyde
Concen: 0.305 ng
RT: 6.73 min Scan# 637
Delta R.T. 0.02 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion: 77 Resp: 1111

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



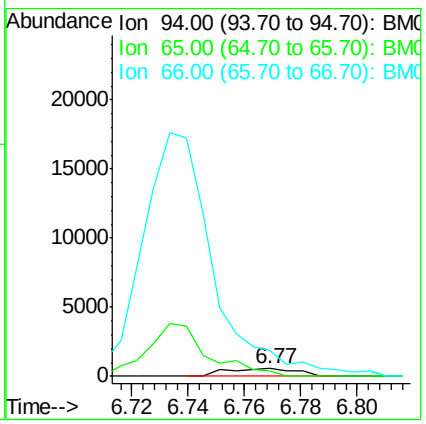


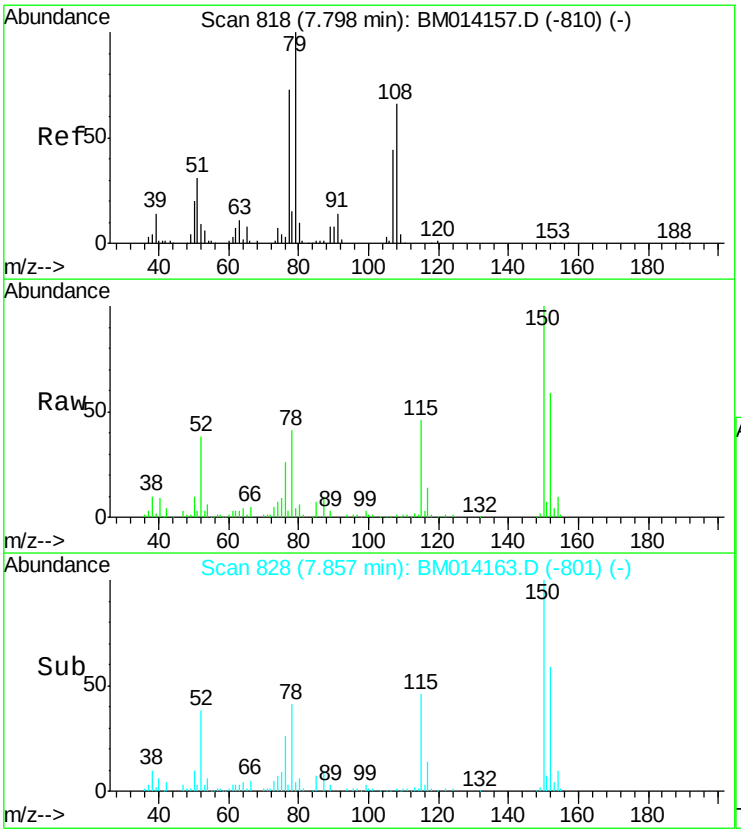
#10
Phenol
Concen: 0.189 ng
RT: 6.77 min Scan# 643
Delta R.T. 0.01 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 945

Ion	Ratio	Lower	Upper
94	100		
65	70.5	18.8	58.8#
66	351.6	39.9	79.9#

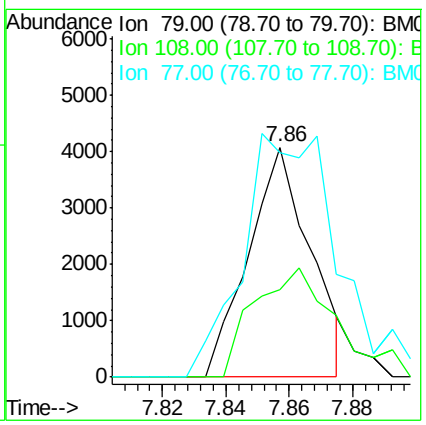


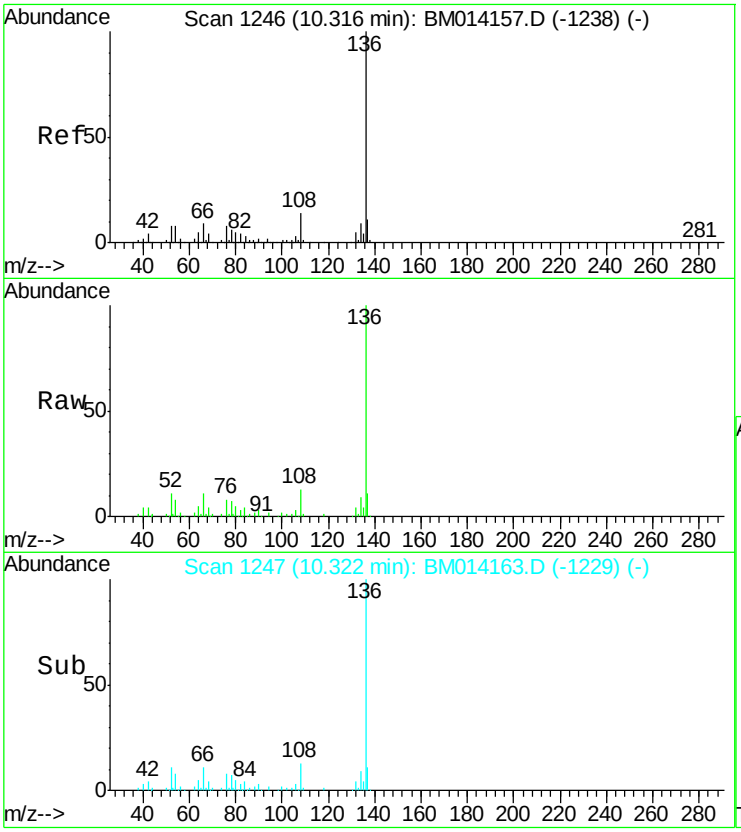


#15
Benzyl Alcohol
Concen: 1.183 ng
RT: 7.86 min Scan# 828
Delta R.T. 0.06 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion: 79 Resp: 5539

Ion	Ratio	Lower	Upper
79	100		
108	38.2	65.0	97.4#
77	97.9	53.0	79.6#



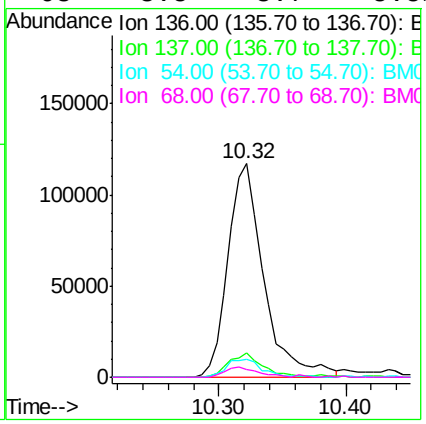


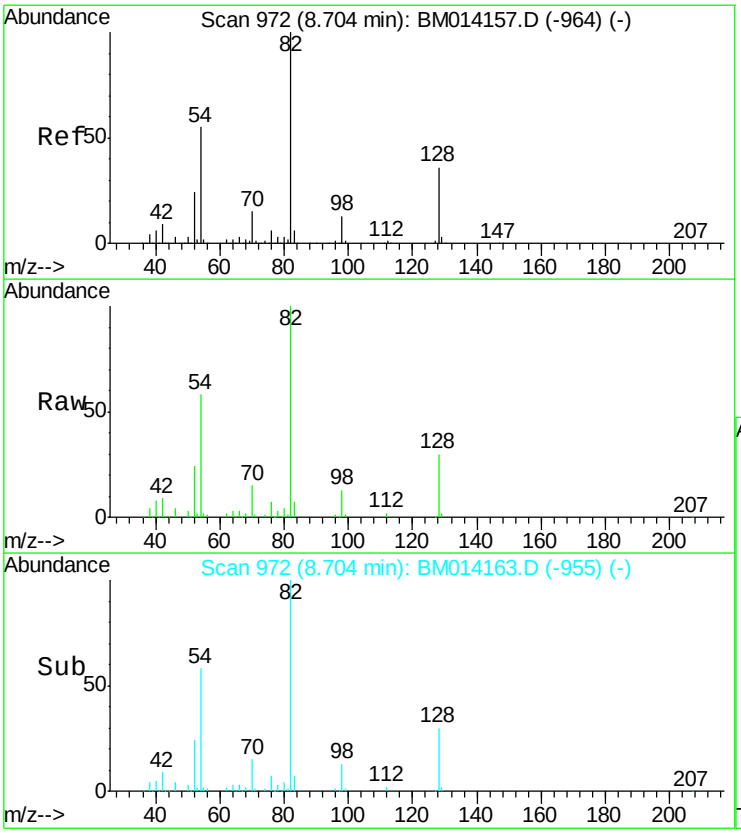
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 229202

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.5	4.6	6.8#
68	3.5	3.7	5.5#

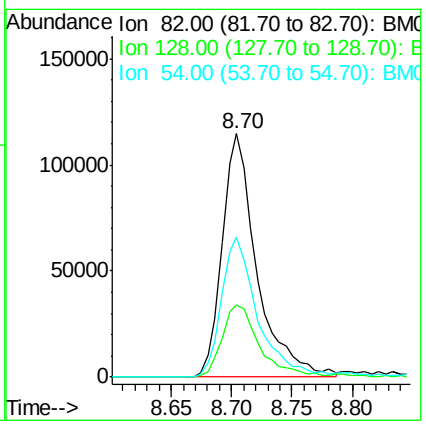


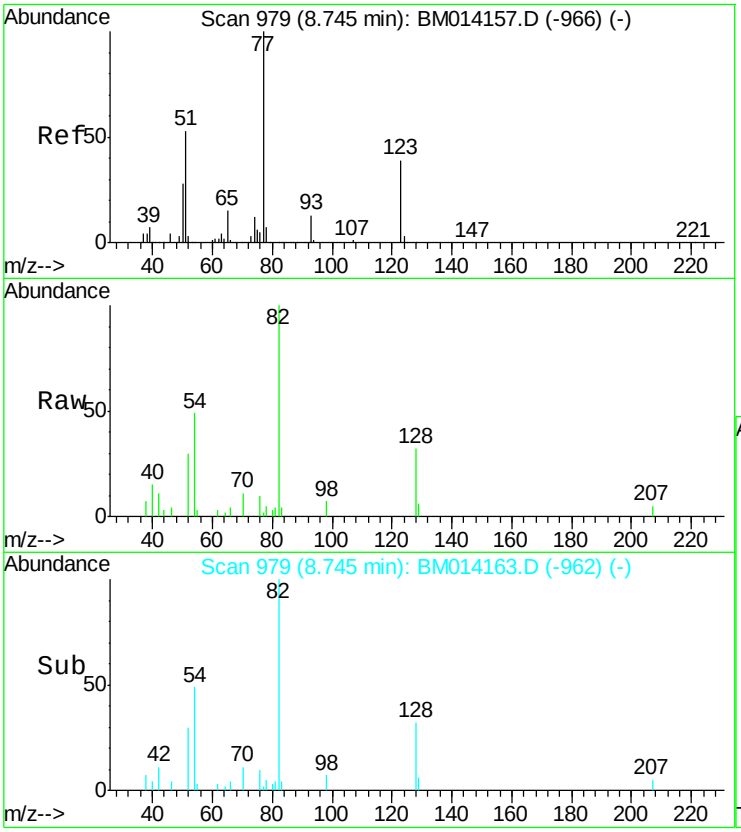


#23
Nitrobenzene-d5
Concen: 44.573 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion: 82 Resp: 228717

Ion	Ratio	Lower	Upper
82	100		
128	29.8	32.8	49.2#
54	57.5	40.6	60.8



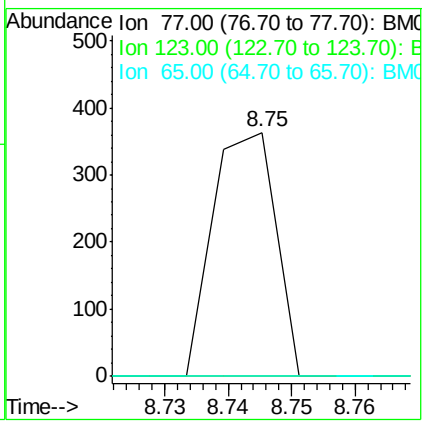


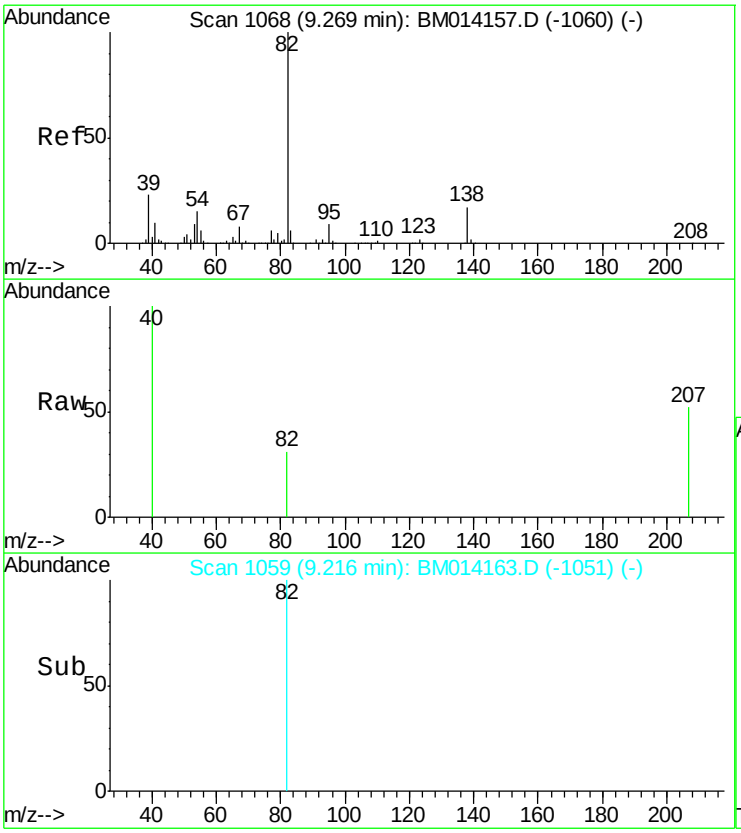
#24
Nitrobenzene
Concen: 0.047 ng
RT: 8.75 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 248

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

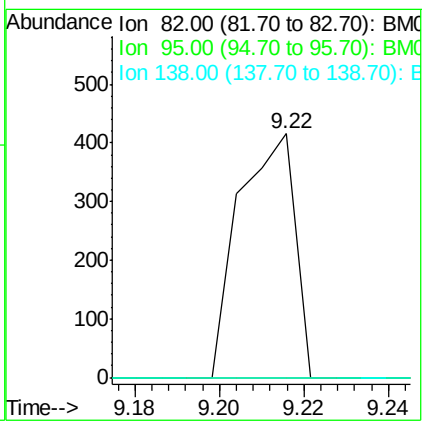


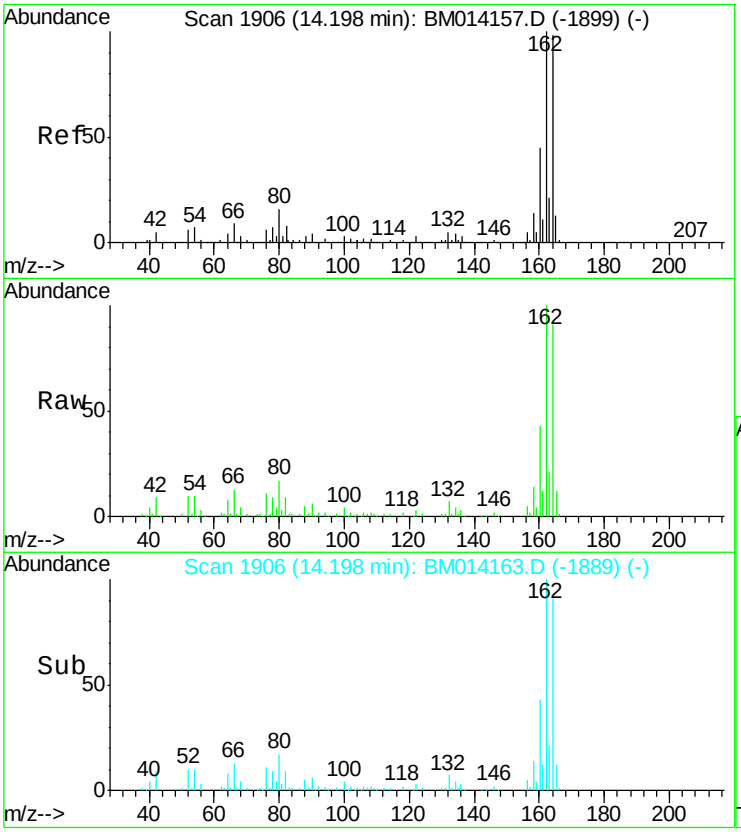


#25
Isophorone
Concen: 0.045 ng
RT: 9.22 min Scan# 1059
Delta R.T. -0.05 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion: 82 Resp: 384

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



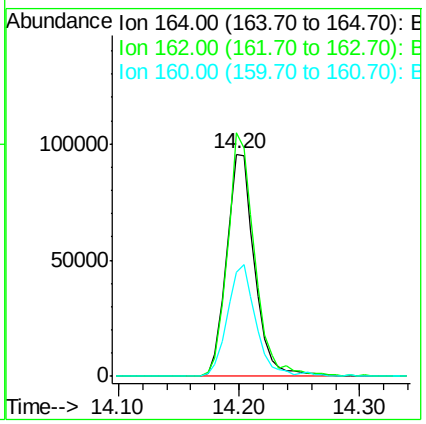


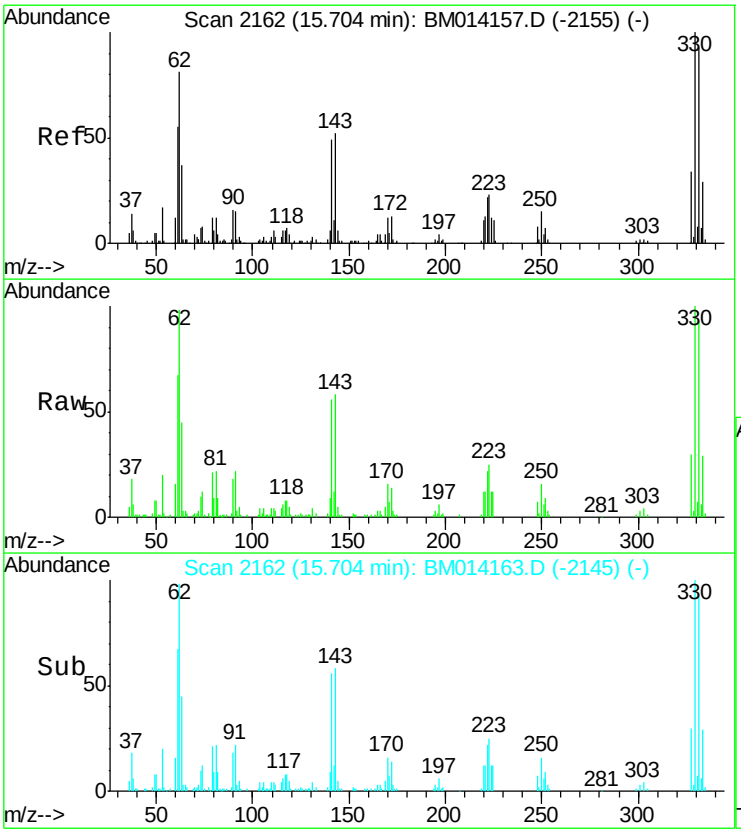
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 154235

Ion	Ratio	Lower	Upper
164	100		
162	109.7	82.4	123.6
160	47.0	35.8	53.6

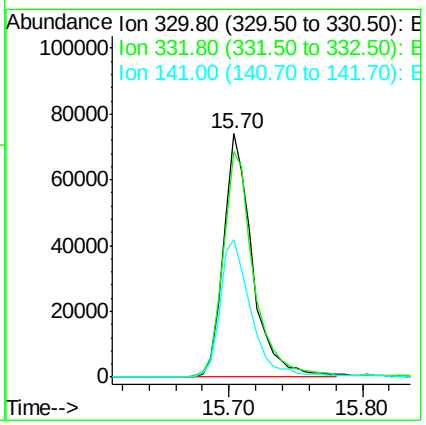


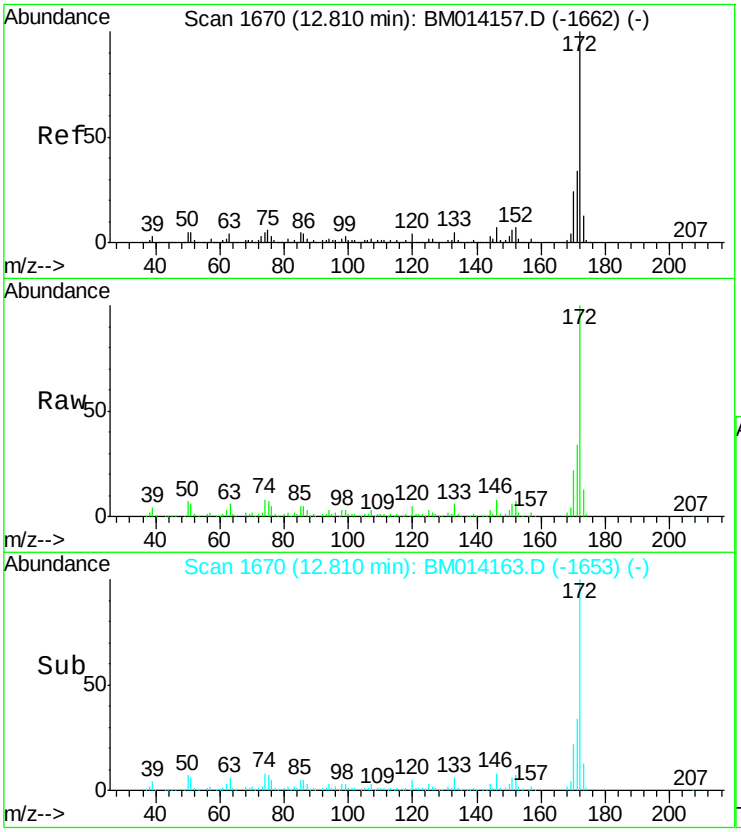


#41
2,4,6-Tribromophenol
Concen: 51.482 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion:330 Resp: 112671

Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	59.8	0.0	0.0#



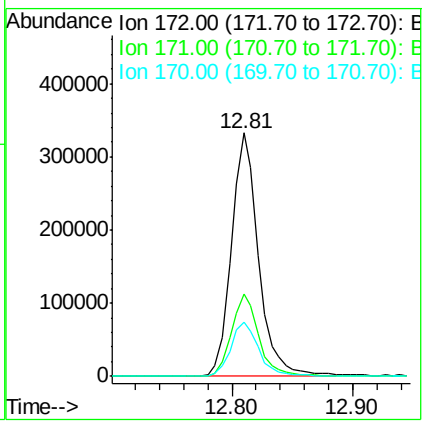


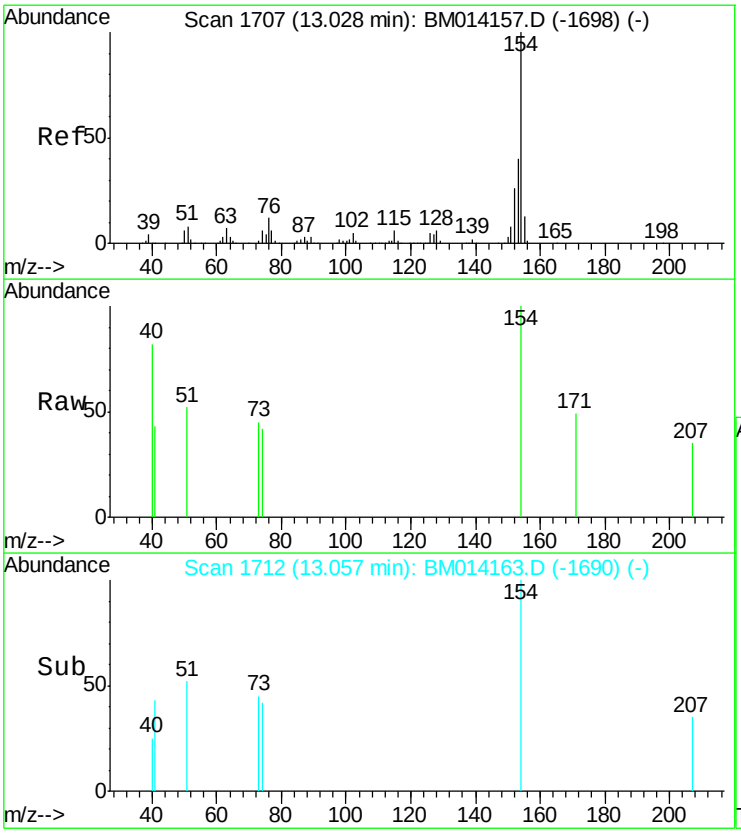
#44
2-Fluorobiphenyl
Concen: 42.260 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 522142

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	22.2	18.8	28.2

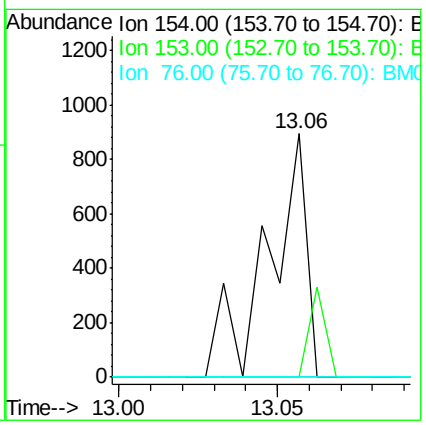


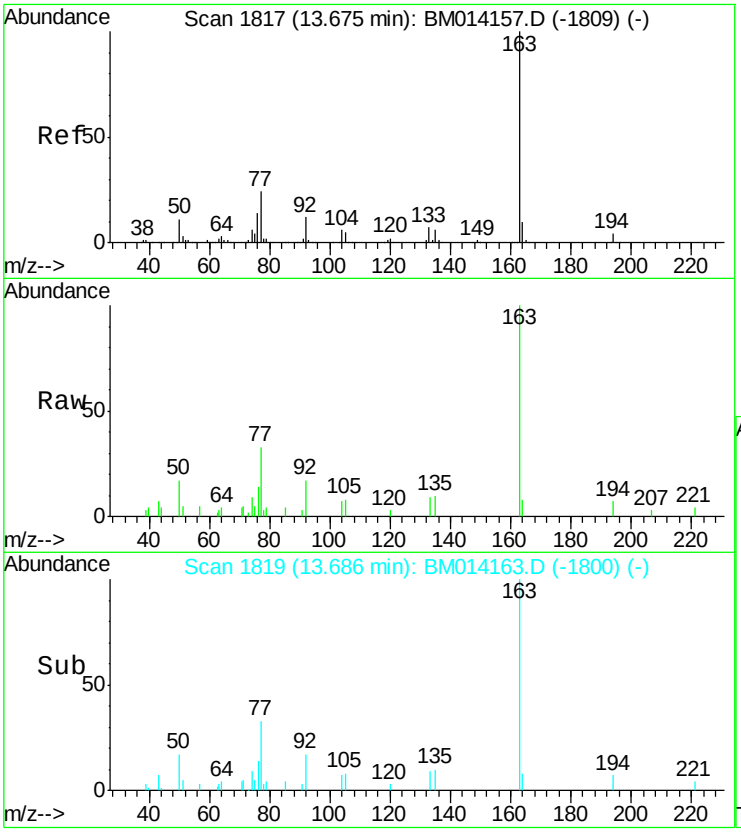


#45
1,1'-Biphenyl
Concen: 0.057 ng
RT: 13.06 min Scan# 1712
Delta R.T. 0.03 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion:154 Resp: 756

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



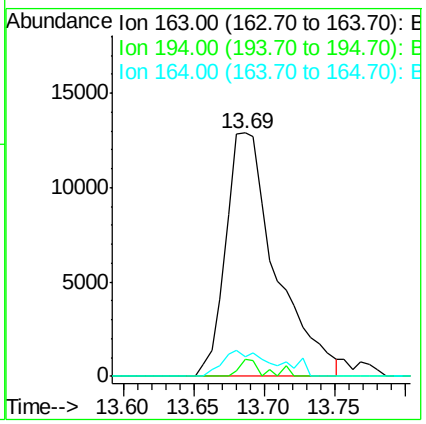


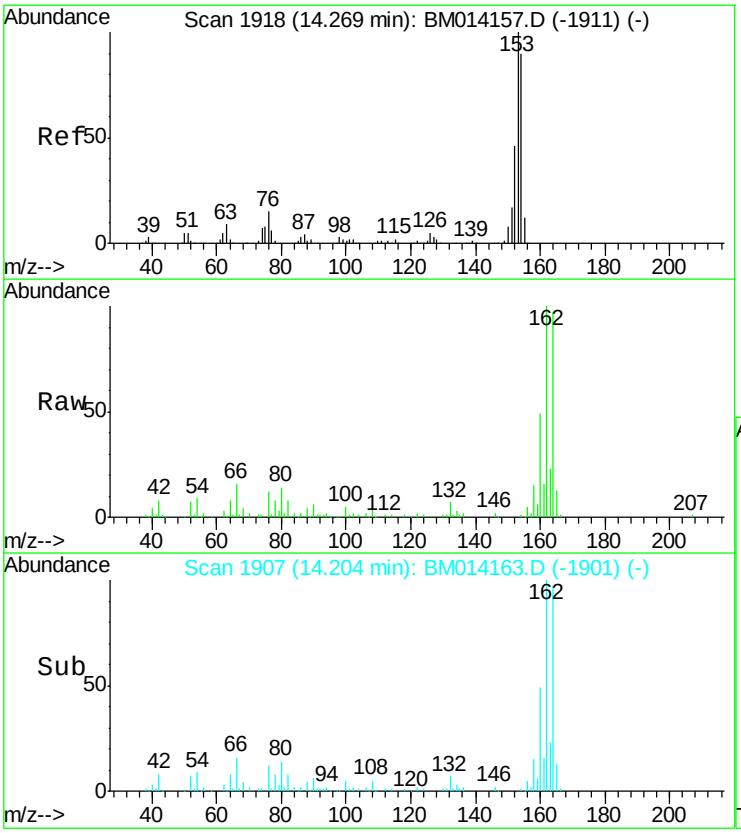
#49
Dimethylphthalate
Concen: 2.307 ng
RT: 13.69 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 31856

Ion	Ratio	Lower	Upper
163	100		
194	7.2	2.7	4.1#
164	7.8	8.2	12.2#

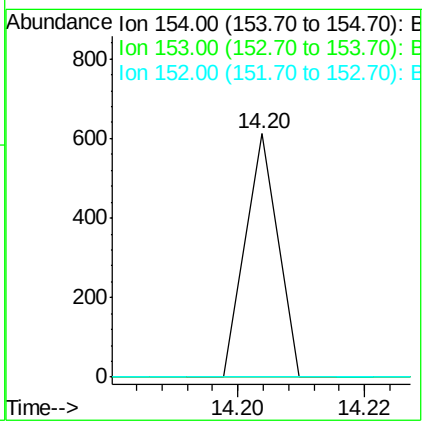


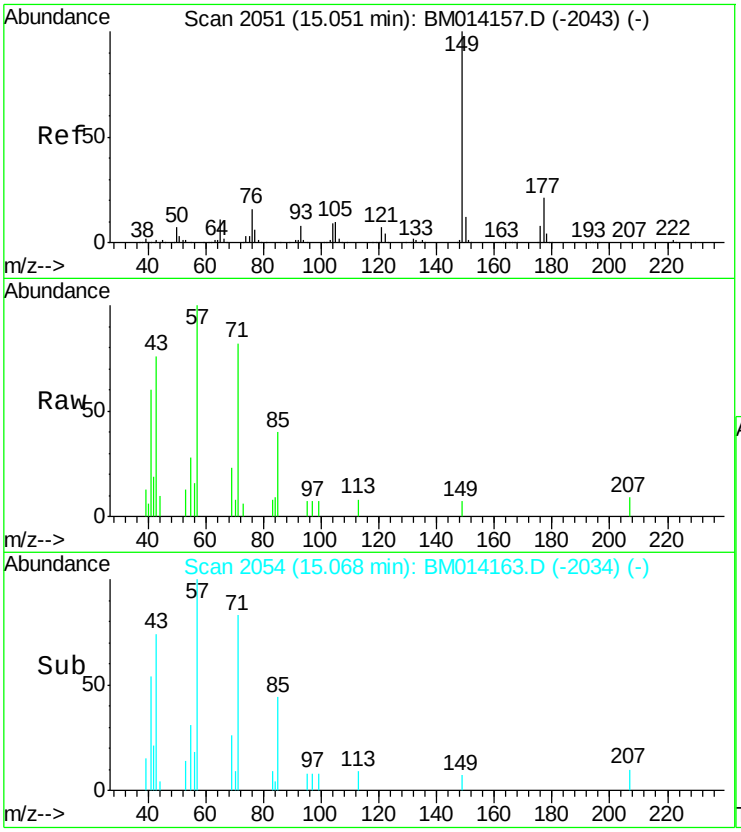


#51
Acenaphthene
Concen: 0.021 ng
RT: 14.20 min Scan# 1907
Delta R.T. -0.06 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion:154 Resp: 216

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



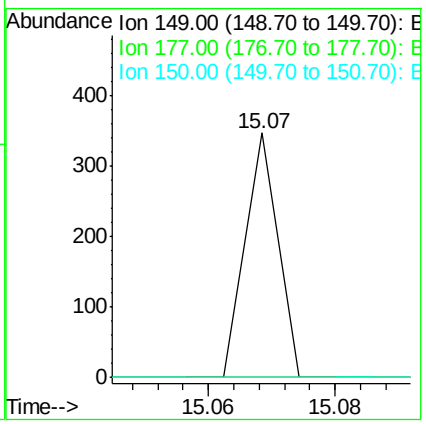


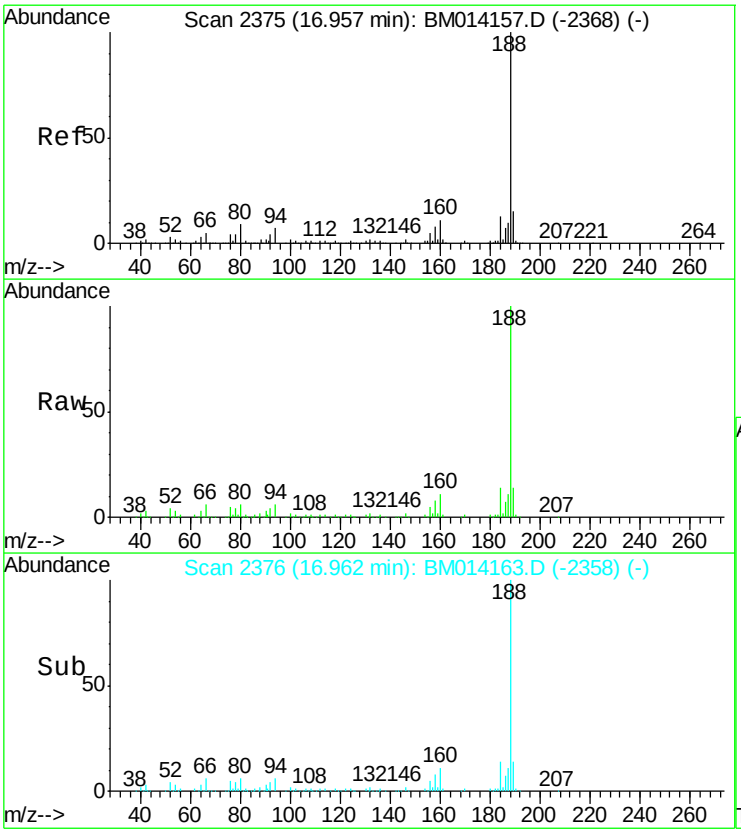
#59
Diethylphthalate
Concen: 0.008 ng
RT: 15.07 min Scan# 2054
Delta R.T. 0.02 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 122

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

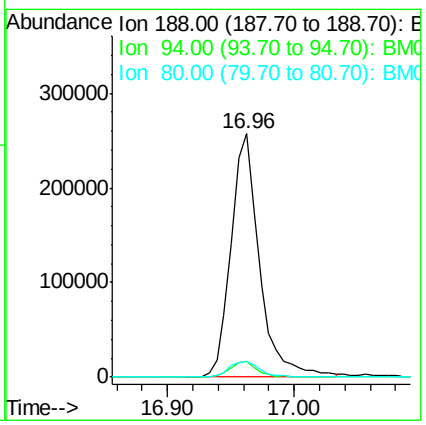


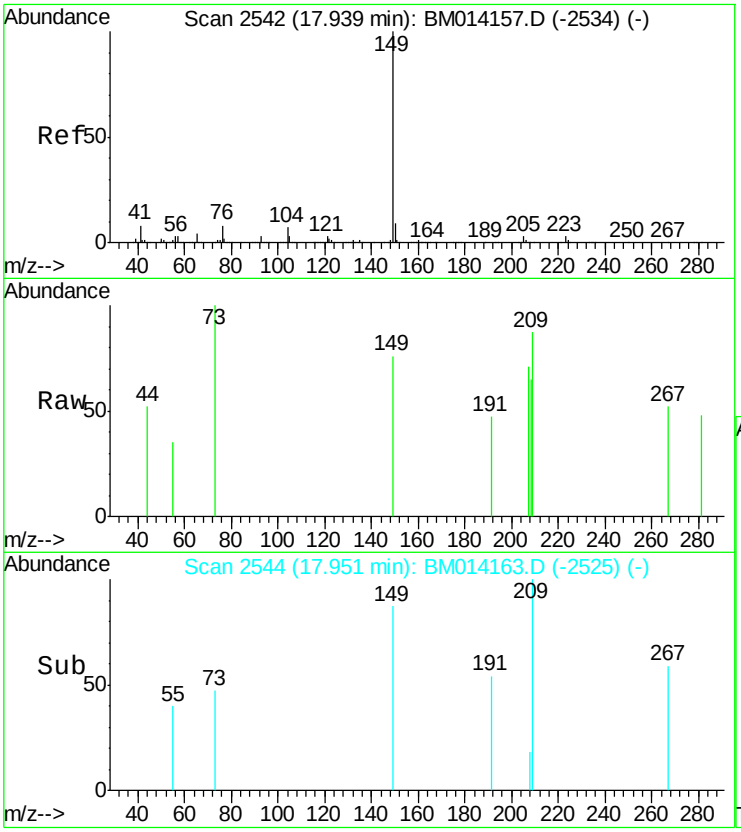


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion:188 Resp: 398758

Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	6.2	9.3	13.9#



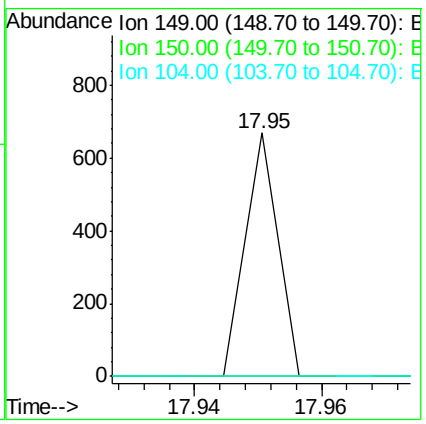


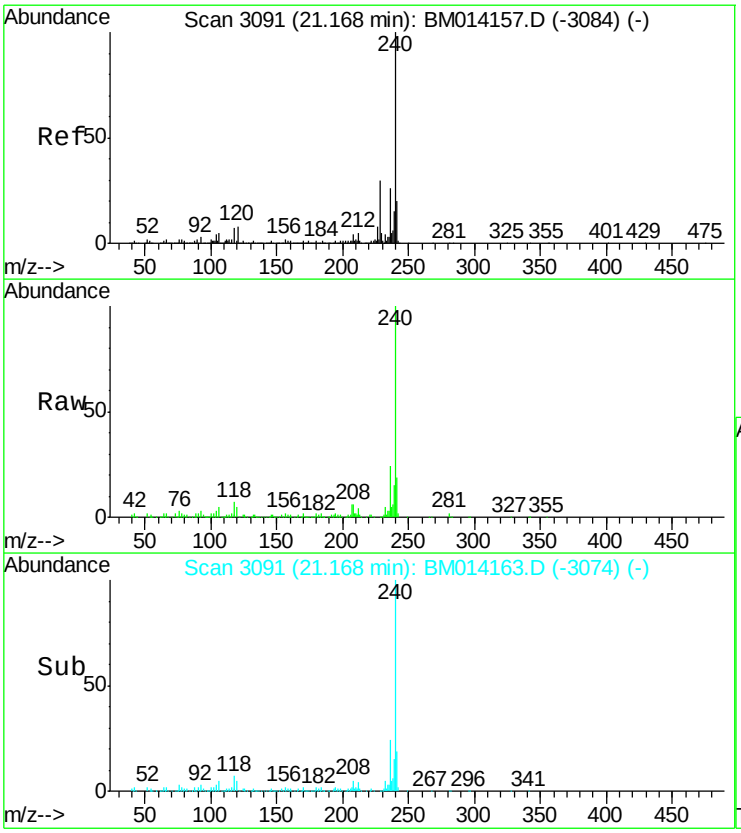
#73
Di-n-butylphthalate
Concen: 0.008 ng
RT: 17.95 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 236

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

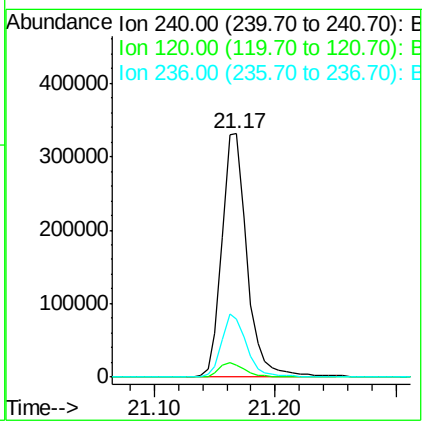


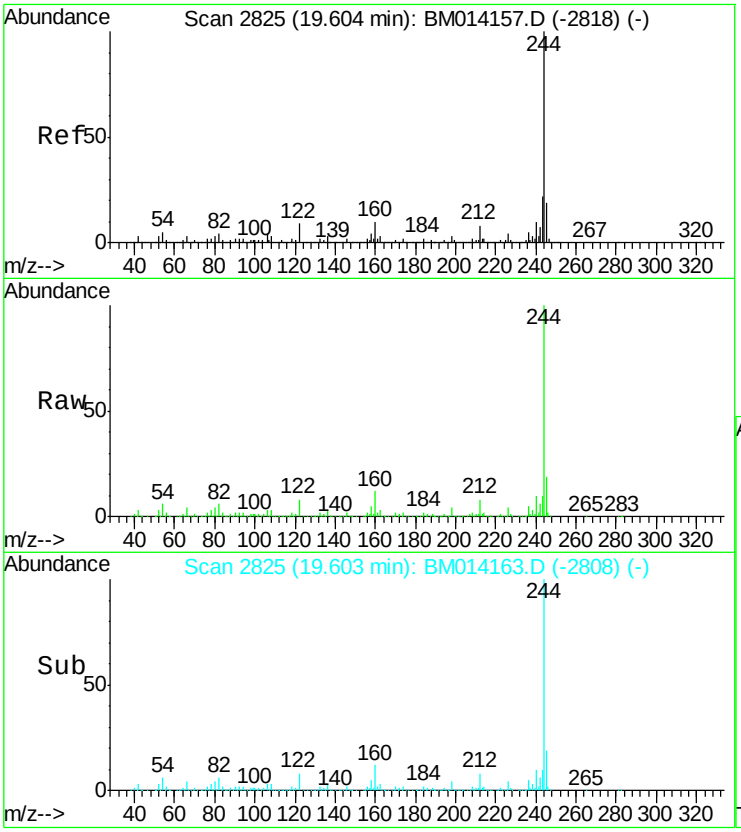


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion:240 Resp: 478627

Ion	Ratio	Lower	Upper
240	100		
120	5.1	8.2	12.2#
236	23.8	20.0	30.0



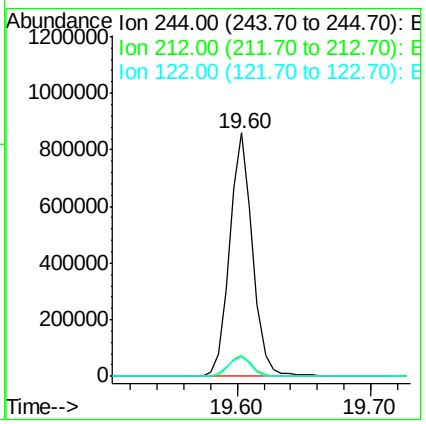


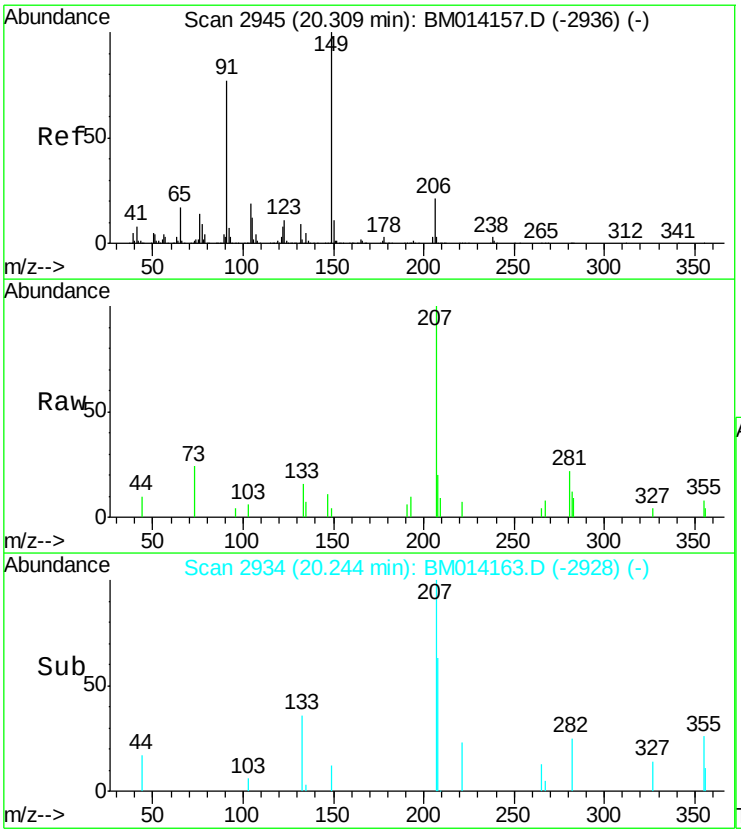
#78
Terphenyl-d14
Concen: 42.224 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 1034308

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	7.9	6.2	9.4

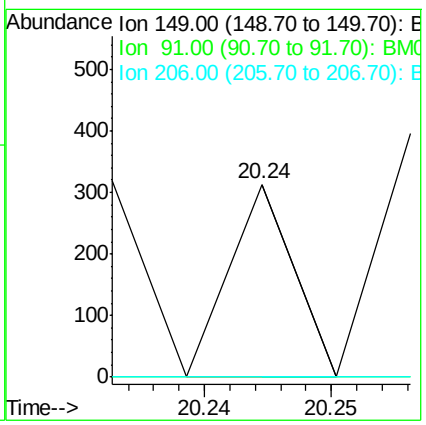


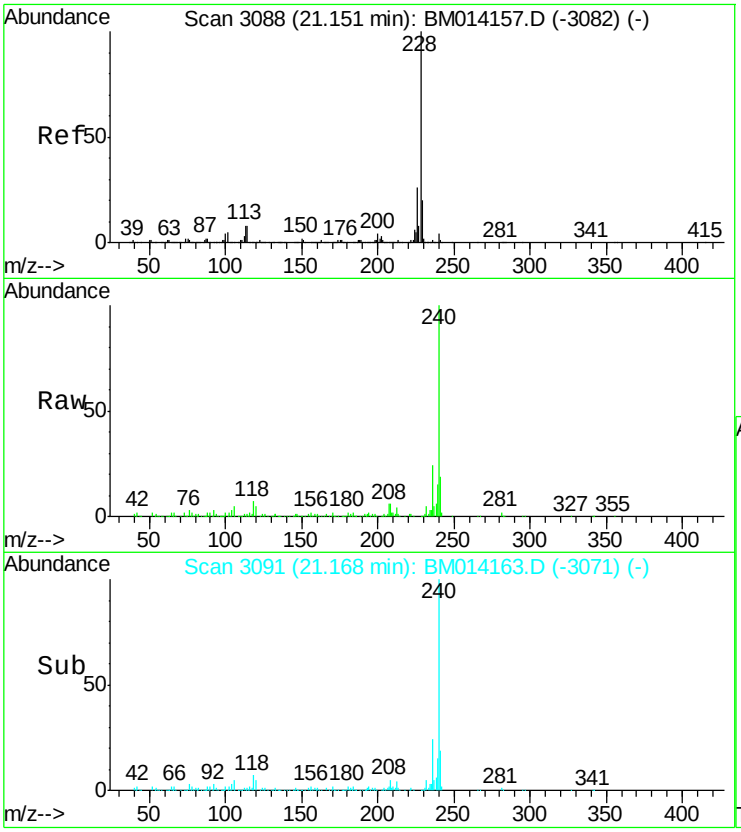


#79
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.24 min Scan# 2934
Delta R.T. -0.06 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion:149 Resp: 110

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



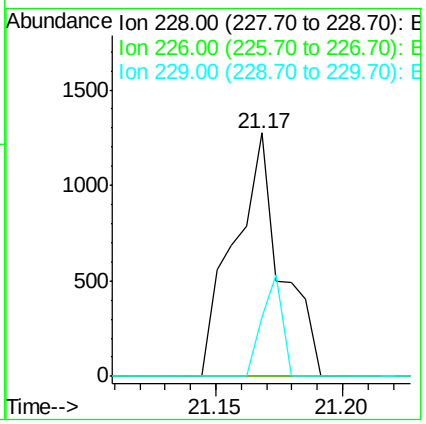


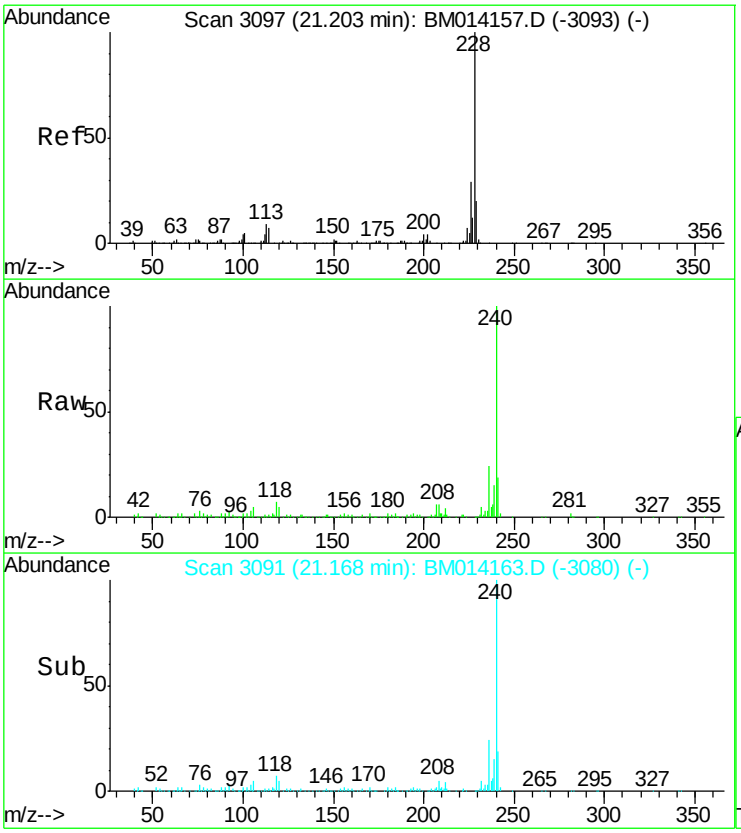
#80
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.17 min Scan# 3091
Delta R.T. 0.02 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1659

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.7	32.5#
229	24.3	16.0	24.0#

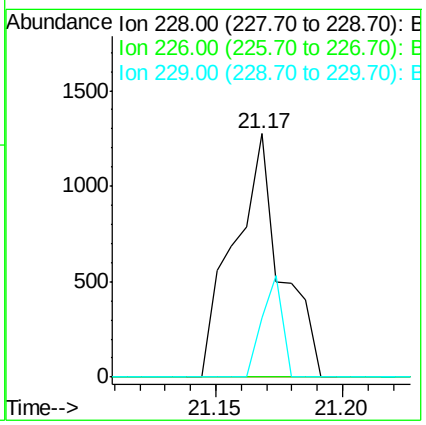


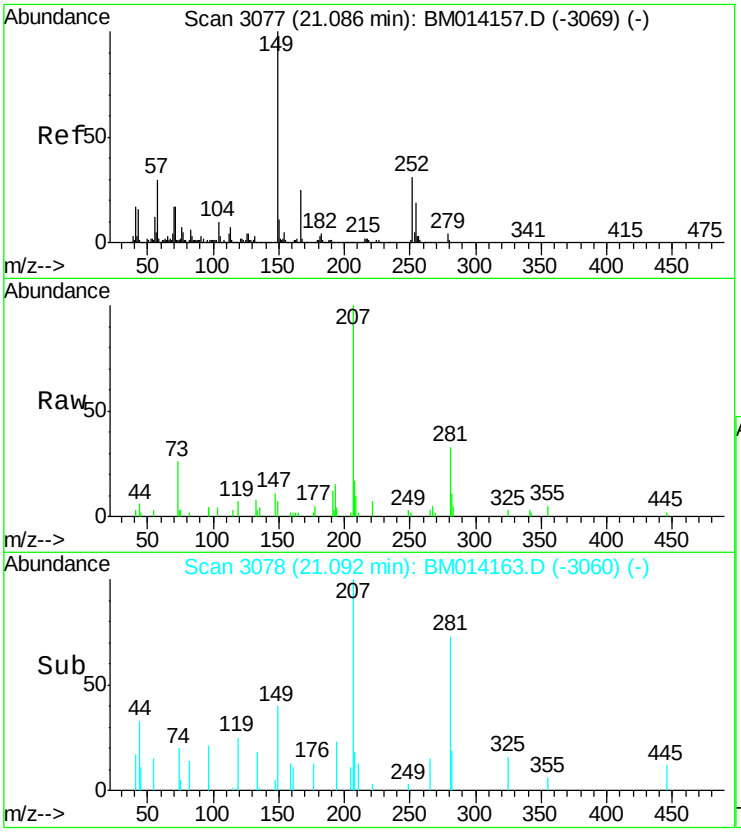


#82
Chrysene
Concen: 0.055 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.04 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion:228 Resp: 1659

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	24.3	15.5	23.3#



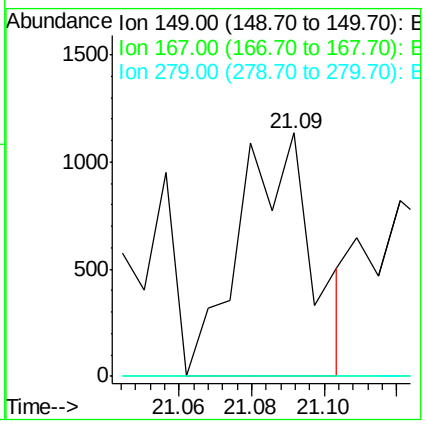


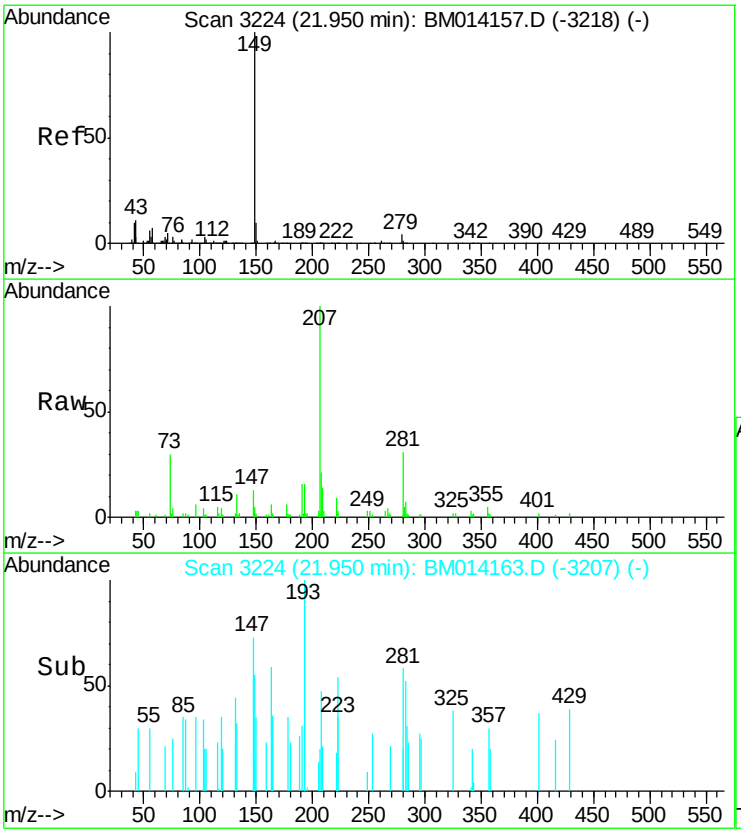
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.09 min Scan# 3078
Delta R.T. 0.01 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1587

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

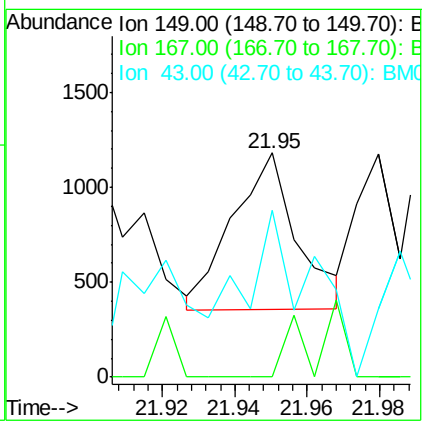


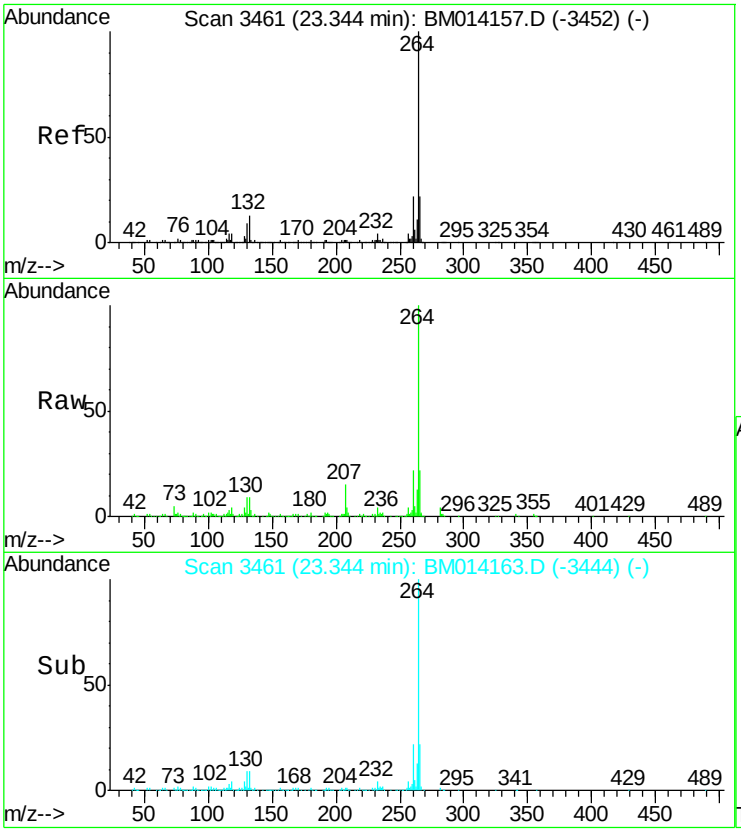


#84
Di-n-octyl phthalate
Concen: 0.033 ng
RT: 21.95 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion:149 Resp: 1010

Ion	Ratio	Lower	Upper
149	100		
167	11.4	1.2	1.8#
43	112.4	7.3	10.9#



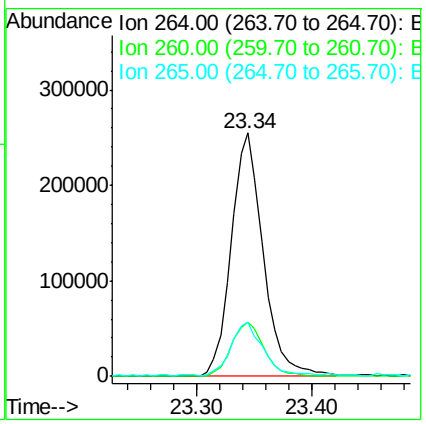


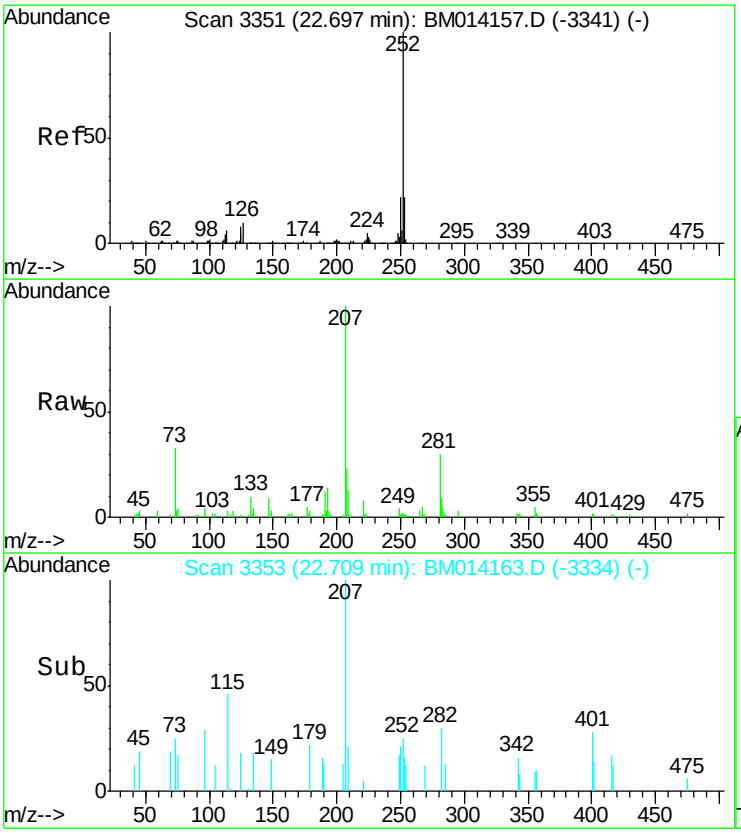
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 488828

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	22.5	17.3	25.9

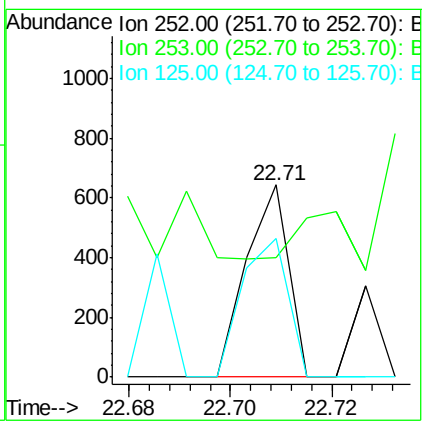


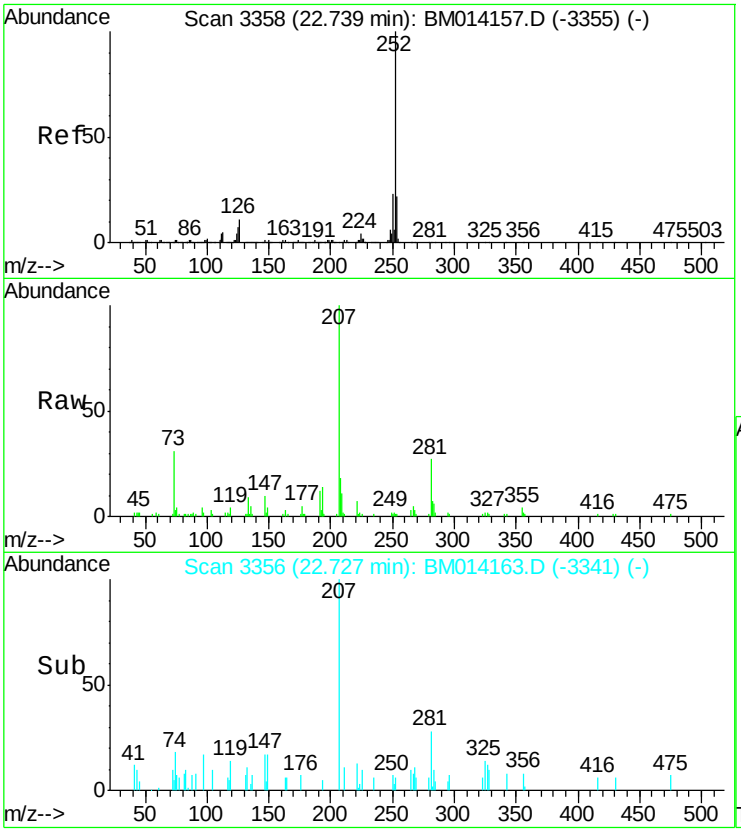


#87
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 22.71 min Scan# 3353
Delta R.T. 0.01 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion:252 Resp: 368

Ion	Ratio	Lower	Upper
252	100		
253	67.4	18.0	27.0#
125	44.7	9.9	14.9#



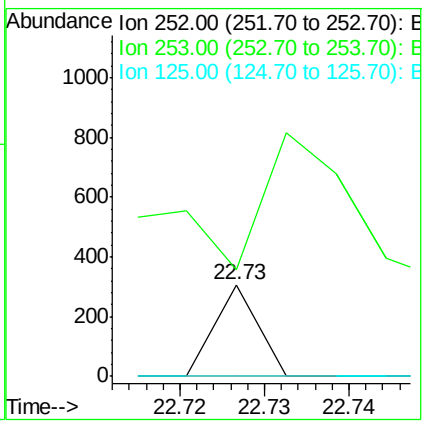


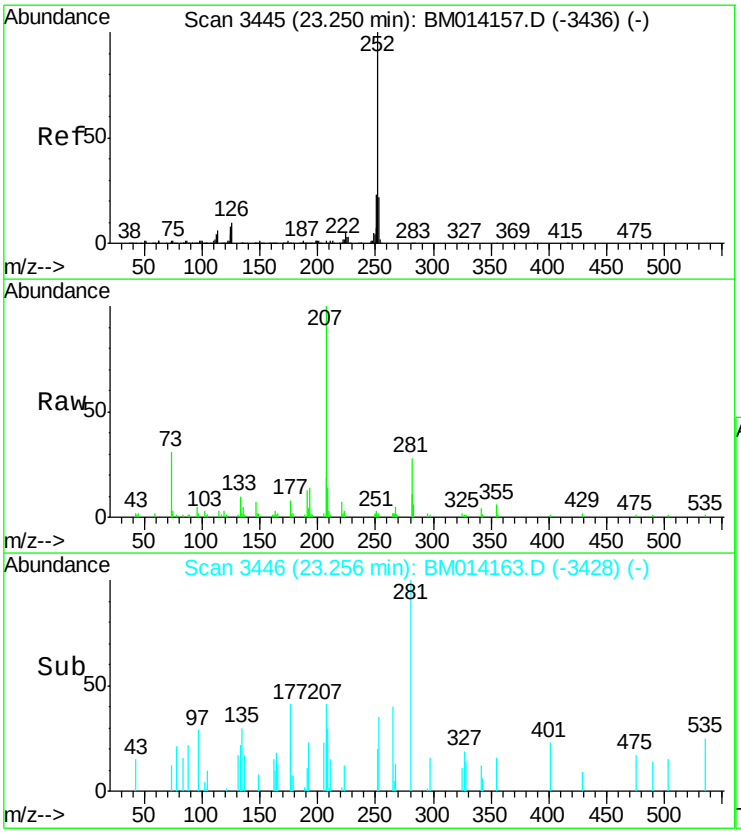
#88
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 108

Ion	Ratio	Lower	Upper
252	100		
253	116.6	17.2	25.8#
125	0.0	8.1	12.1#





#89
Benzo(a)pyrene
Concen: 0.014 ng
RT: 23.26 min Scan# 3446
Delta R.T. 0.01 min
Lab File: BM014163.D
Acq: 07 Feb 2018 16:01

Tgt Ion:252 Resp: 420

Ion	Ratio	Lower	Upper
252	100		
253	174.8	17.6	26.4#
125	0.0	7.4	11.2#