Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
Data File : BM014162.D
Acq On : 07 Feb 2018 15:25
Operator : SJ/JU
Sample : PB105903BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 07 16:43:33 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	84515	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	316236	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	203564	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	420647	20.00	ng	0.00
75) Chrysene-d12	21.17	240	335736	20.00	ng	0.00
86) Perylene-d12	23.34	264	282027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	740759	152.77	ng	0.00
7) Phenol-d6	6.74	99	989798	144.13	ng	0.00
23) Nitrobenzene-d5	8.70	82	702598	99.24	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	343600	118.95	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1517259	93.04	ng	0.00
78) Terphenyl-d14	19.60	244	1944070	113.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	111	0.056	ng	# 100
3) Pyridine	3.55	79	119	0.022	ng	# 26
4) n-Nitrosodimethylamine	3.47	42	132	0.038	ng	# 1
9) Benzaldehyde	6.74	77	2875	0.582	ng	# 2
10) Phenol	6.75	94	112	0.017	ng	# 1
15) Benzyl Alcohol	7.86	79	13831	2.174	ng	# 42
22) Acetophenone	8.43	105	149	0.016	ng	# 52
24) Nitrobenzene	8.70	77	3807	0.522	ng	# 19
25) Isophorone	9.27	82	162	0.014	ng	# 62
45) 1,1'-Biphenyl	13.05	154	1999	0.113	ng	# 42
51) Acenaphthene	14.19	154	849	0.063	ng	# 5
56) 2,4-Dinitrotoluene	14.54	165	119	0.021	ng	# 11
79) Butylbenzylphthalate	20.26	149	113	0.011	ng	# 28
80) Benzo(a)anthracene	21.17	228	1161	0.053	ng	# 51
81) 3,3'-Dichlorobenzidine	21.09	252	106	0.013	ng	# 26
82) Chrysene	21.17	228	1161	0.055	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.07	149	1360	0.089	ng	# 52
84) Di-n-octyl phthalate	21.97	149	934	0.044	ng	# 1
87) Benzo(b)fluoranthene	22.70	252	194	0.010	ng	# 59
88) Benzo(k)fluoranthene	22.72	252	379	0.020	ng	# 1
89) Benzo(a)pyrene	23.25	252	155	0.009	ng	# 60

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

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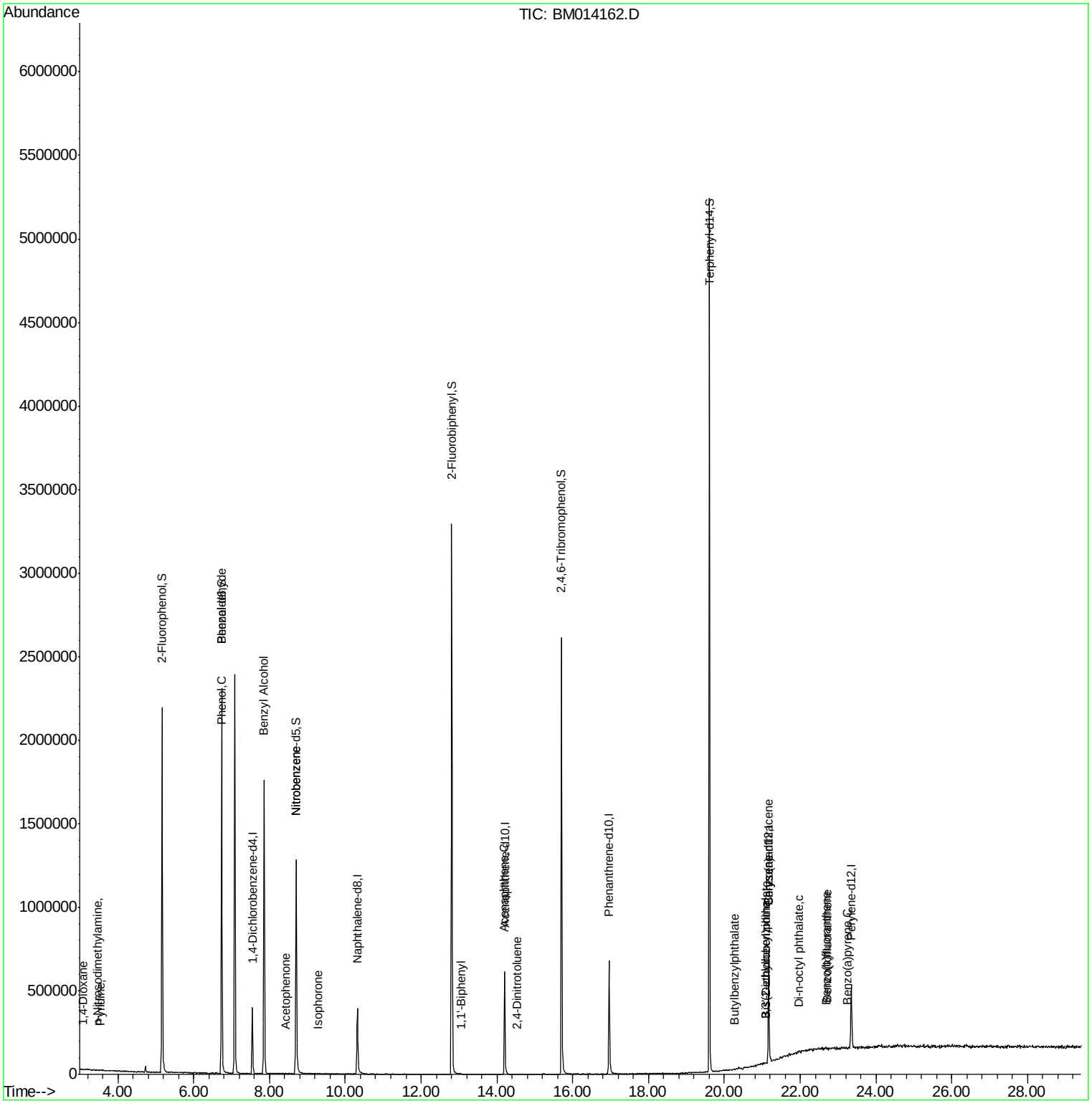
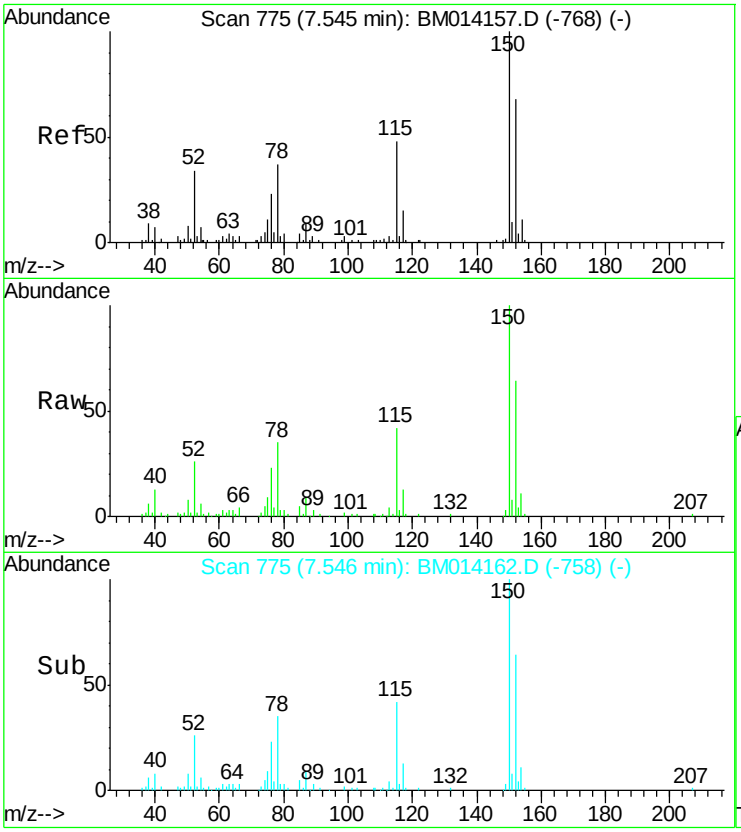


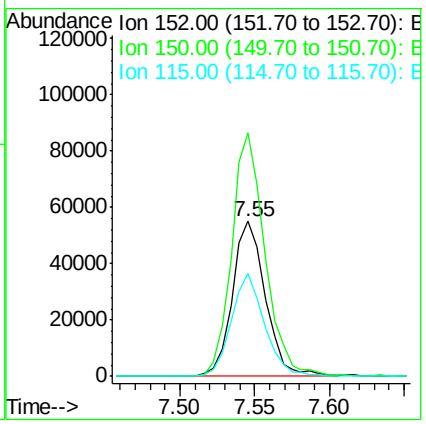


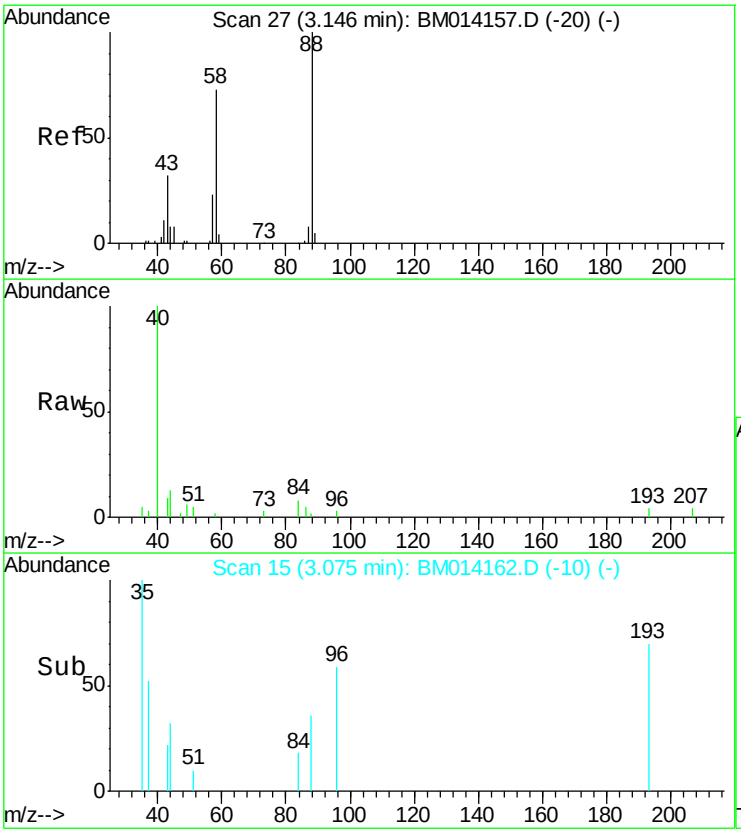
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 84515

Ion	Ratio	Lower	Upper
152	100		
150	157.4	119.5	179.3
115	66.4	43.0	64.4#

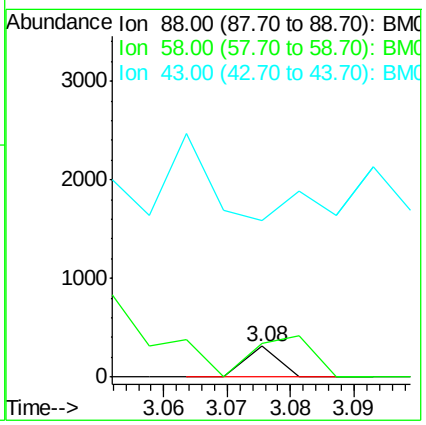


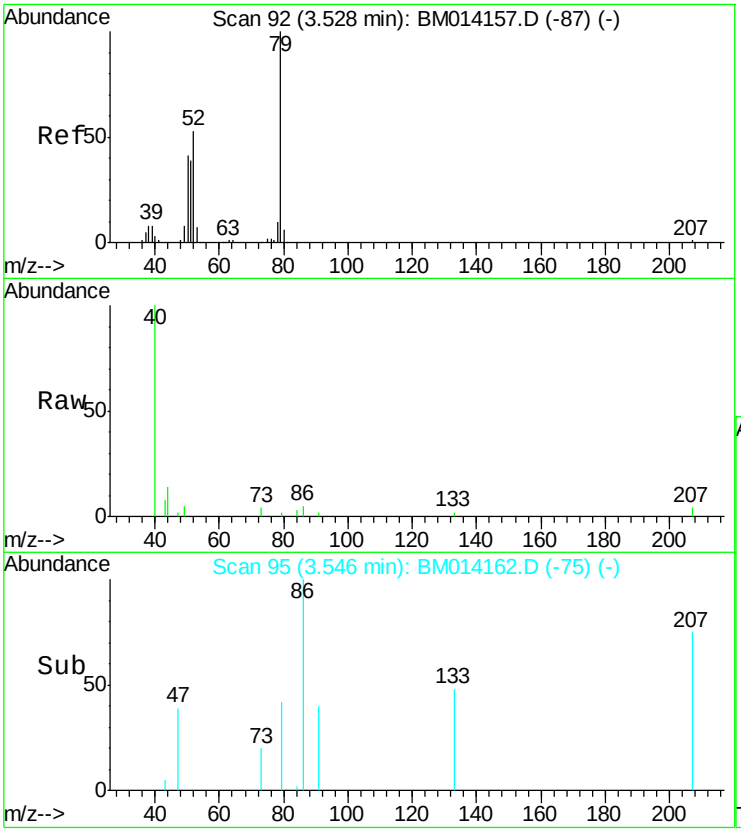


#2
1,4-Dioxane
Concen: 0.056 ng
RT: 3.08 min Scan# 15
Delta R.T. -0.07 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion: 88 Resp: 111

Ion	Ratio	Lower	Upper
88	100		
58	242.3	0.0	0.0#
43	0.0	0.0	0.0



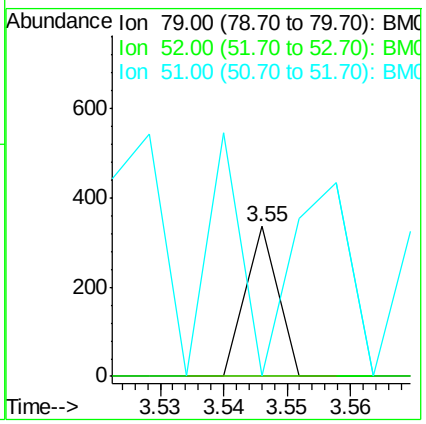


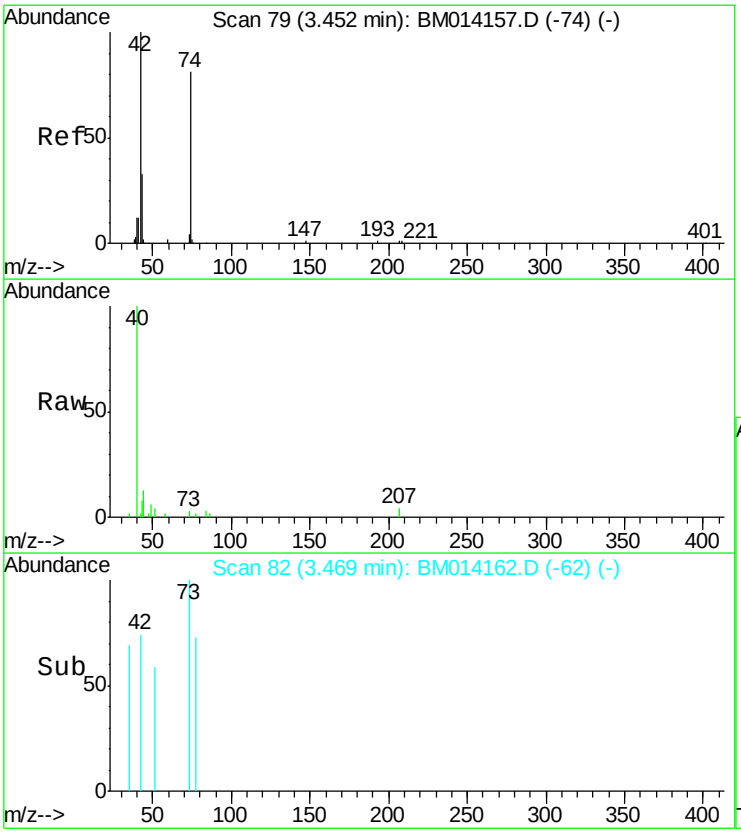
#3
Pyridine
Concen: 0.022 ng
RT: 3.55 min Scan# 95
Delta R.T. 0.02 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 119

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

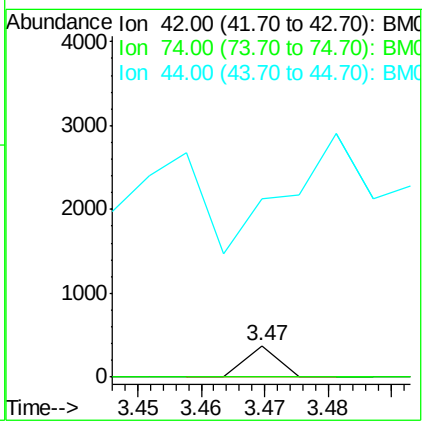


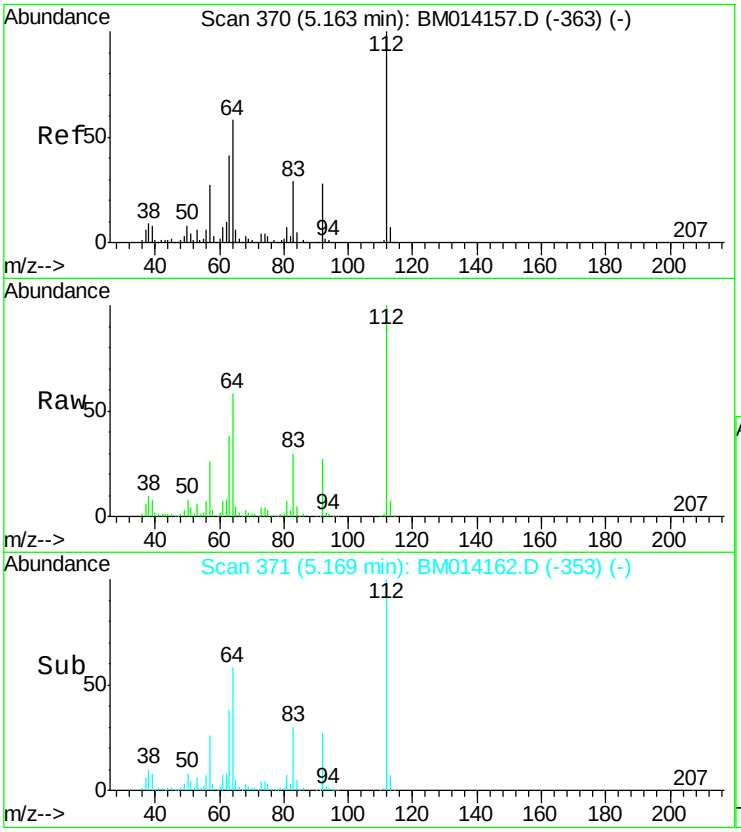


#4
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.47 min Scan# 82
Delta R.T. 0.02 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion: 42 Resp: 132

Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.3	178.9#
44	566.1	5.4	8.2#



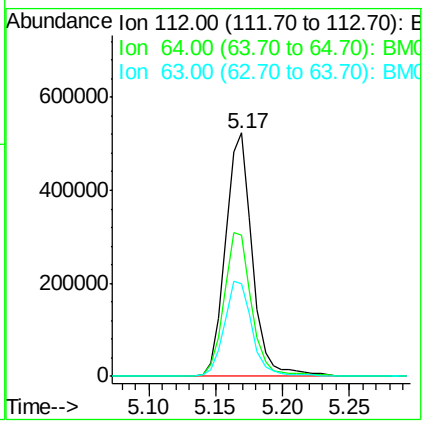


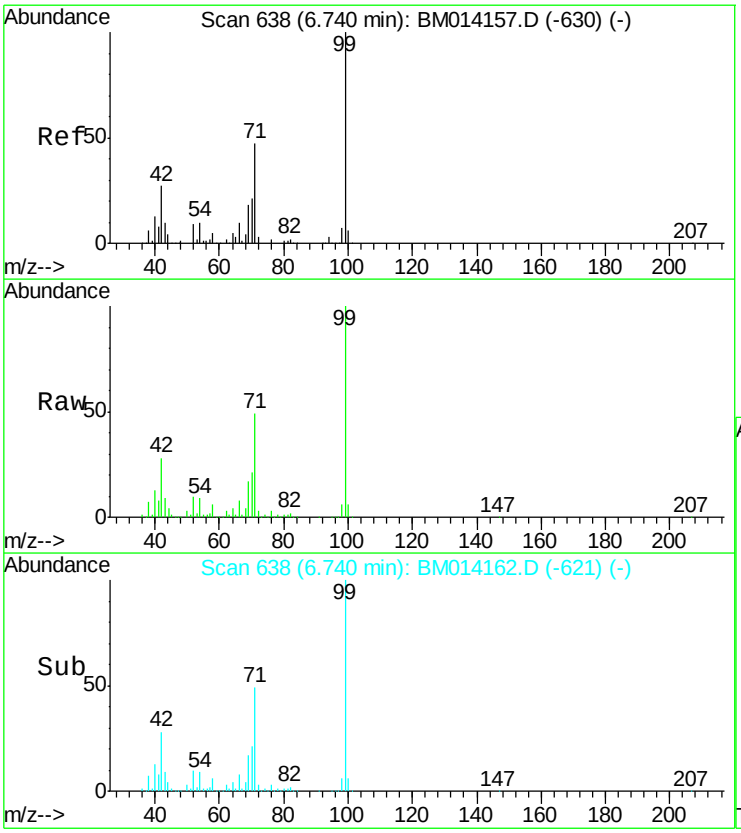
#5
2-Fluorophenol
Concen: 152.769 ng
RT: 5.17 min Scan# 371
Delta R.T. 0.01 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 740759

Ion	Ratio	Lower	Upper
112	100		
64	57.8	38.6	57.8
63	37.9	19.3	28.9#

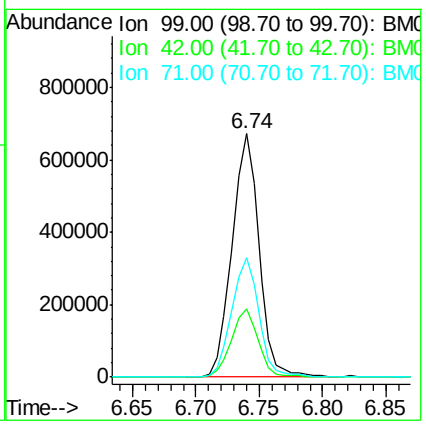


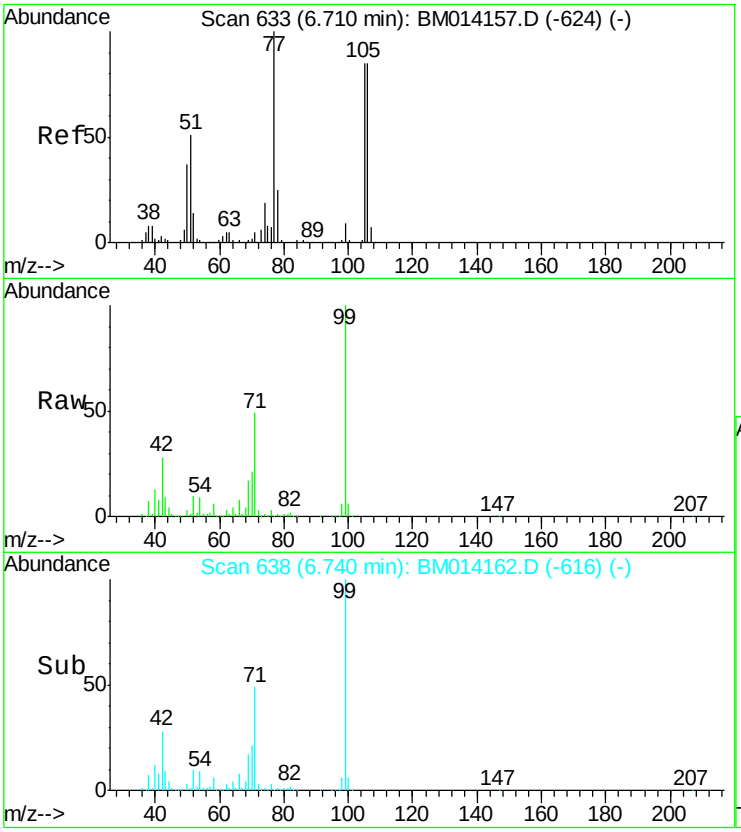


#7
Phenol-d6
Concen: 144.131 ng
RT: 6.74 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion: 99 Resp: 989798

Ion	Ratio	Lower	Upper
99	100		
42	28.0	11.0	16.4#
71	49.0	23.4	35.2#



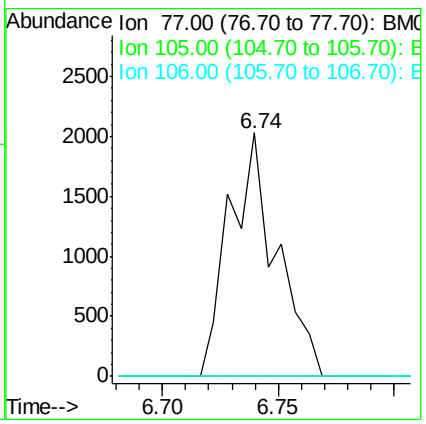


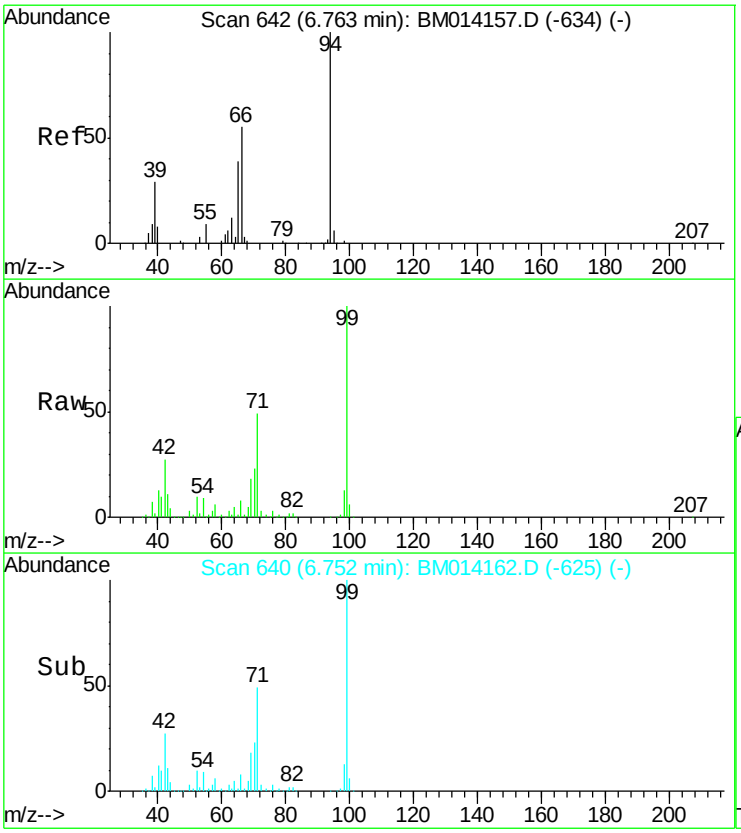
#9
Benzaldehyde
Concen: 0.582 ng
RT: 6.74 min Scan# 638
Delta R.T. 0.03 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 2875

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

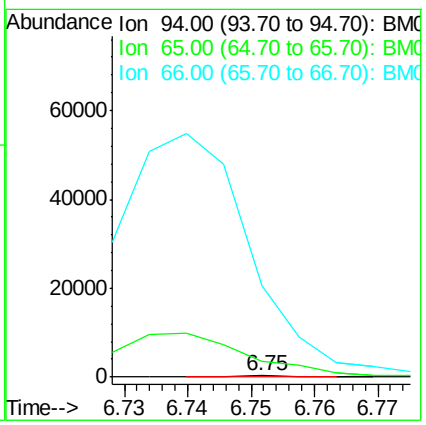


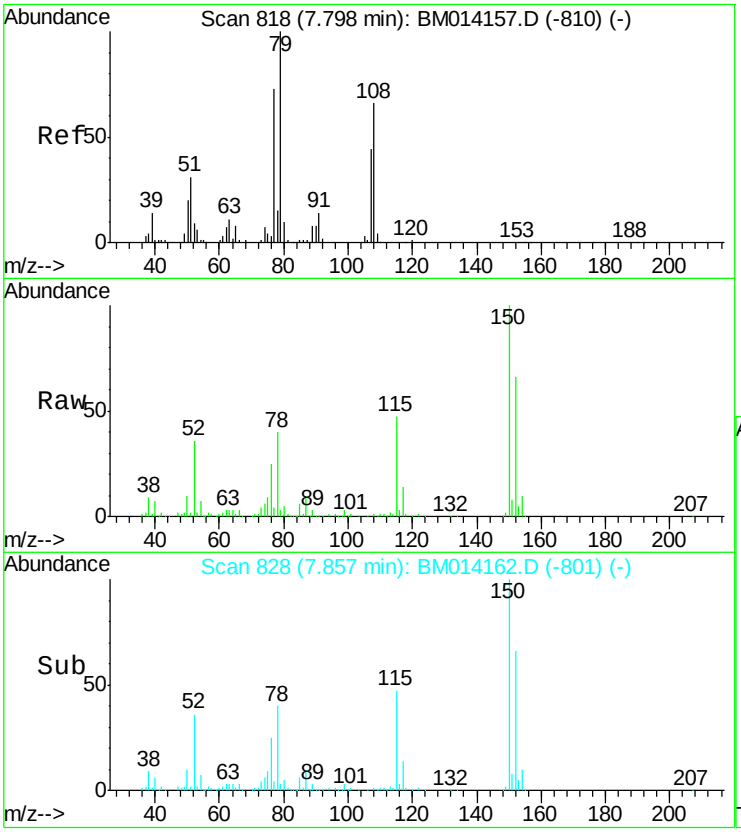


#10
Phenol
Concen: 0.017 ng
RT: 6.75 min Scan# 640
Delta R.T. -0.01 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion: 94 Resp: 112

Ion	Ratio	Lower	Upper
94	100		
65	1136.5	18.8	58.8#
66	6445.3	39.9	79.9#



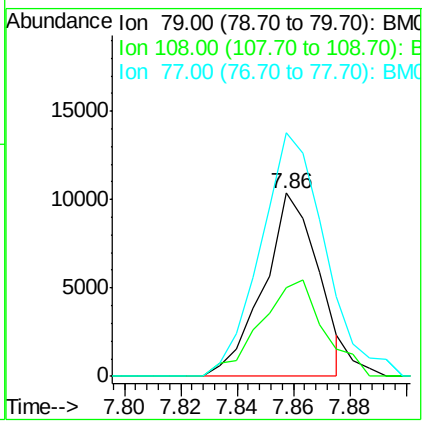


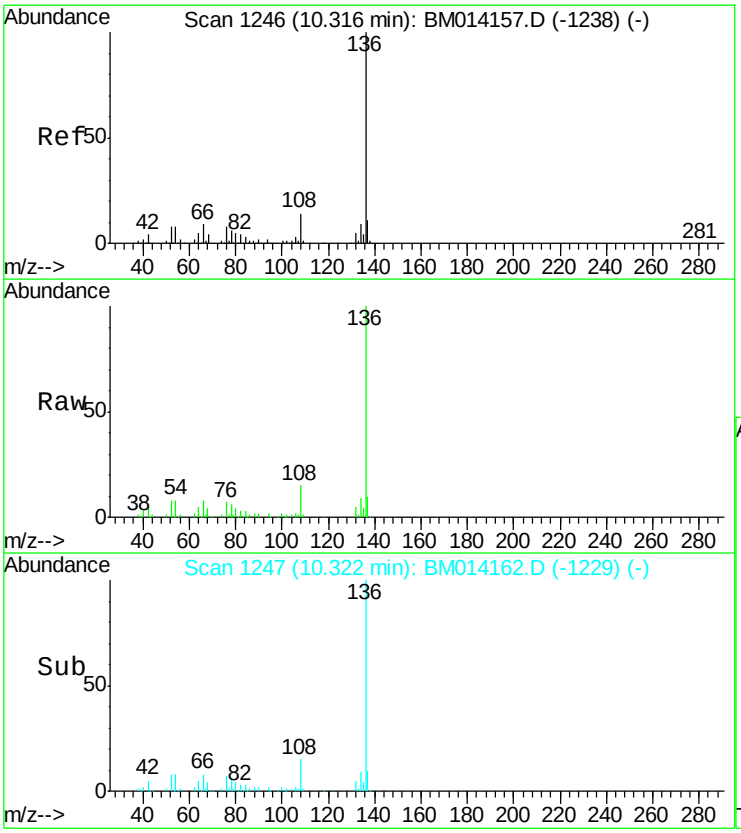
#15
Benzyl Alcohol
Concen: 2.174 ng
RT: 7.86 min Scan# 828
Delta R.T. 0.06 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 13831

Ion	Ratio	Lower	Upper
79	100		
108	48.2	65.0	97.4#
77	133.0	53.0	79.6#

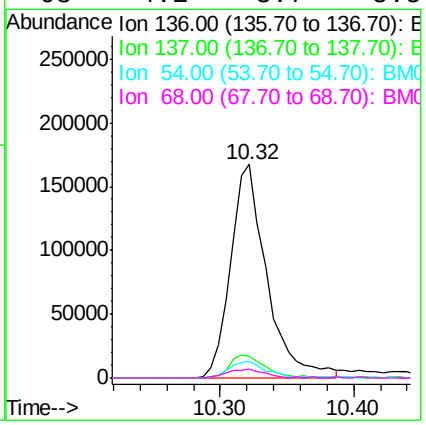


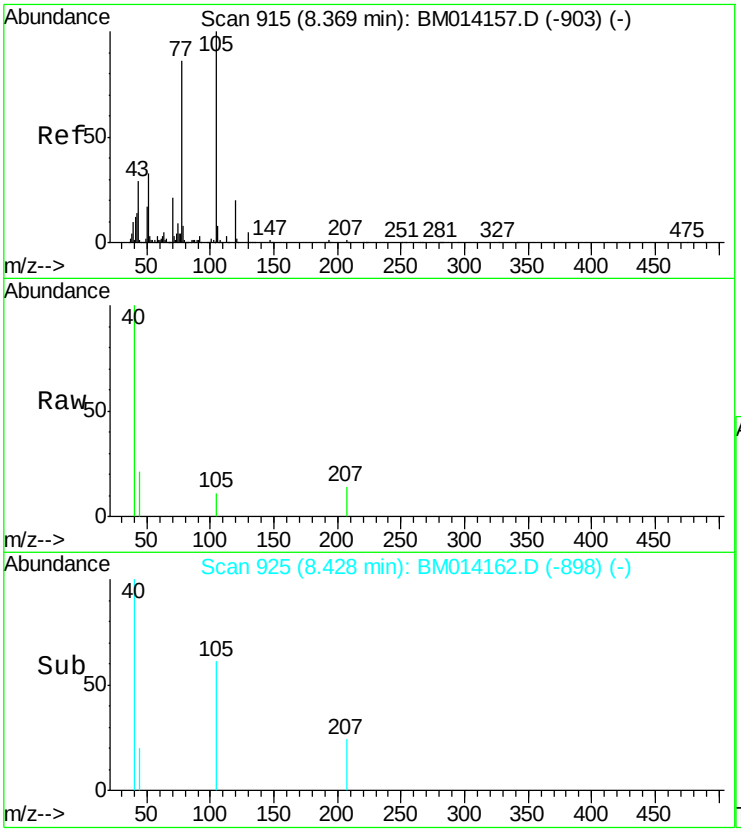


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:136 Resp: 316236

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	7.7	4.6	6.8#
68	4.2	3.7	5.5



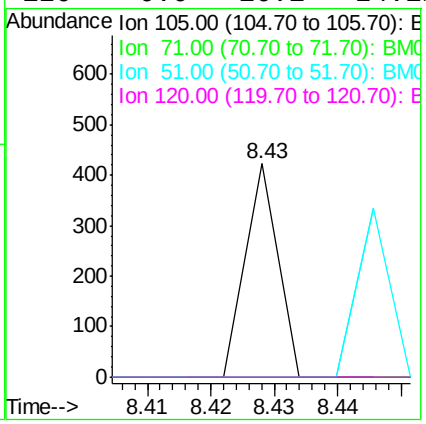


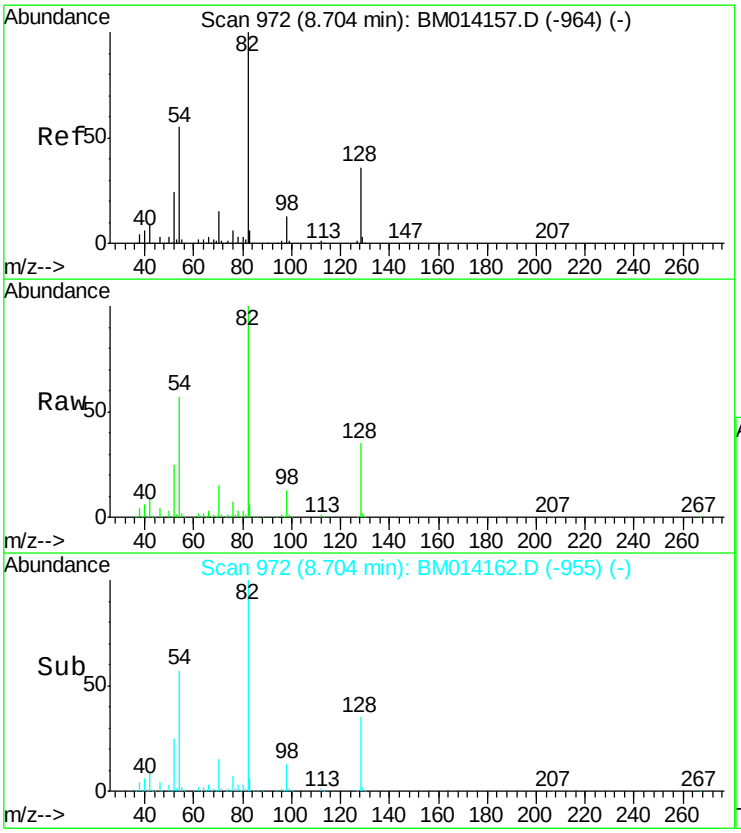
#22
Acetophenone
Concen: 0.016 ng
RT: 8.43 min Scan# 925
Delta R.T. 0.06 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 149

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	0.0	21.6	32.4#
120	0.0	16.1	24.1#

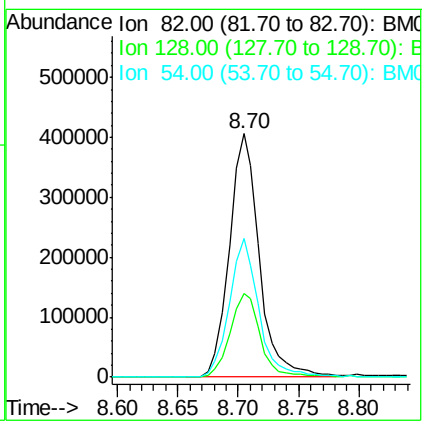


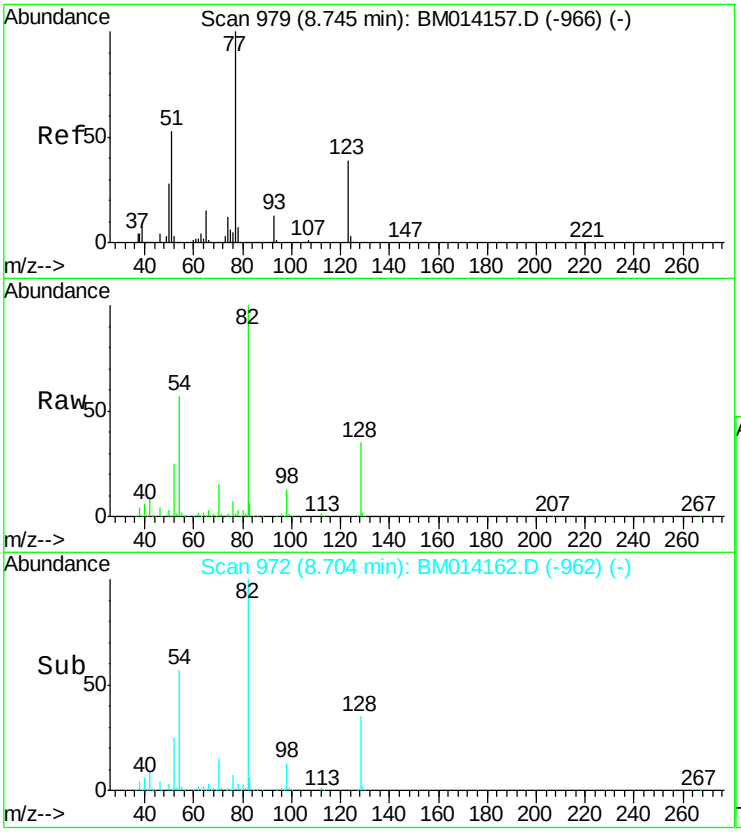


#23
Nitrobenzene-d5
Concen: 99.240 ng
RT: 8.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion: 82 Resp: 702598

Ion	Ratio	Lower	Upper
82	100		
128	34.6	32.8	49.2
54	56.8	40.6	60.8



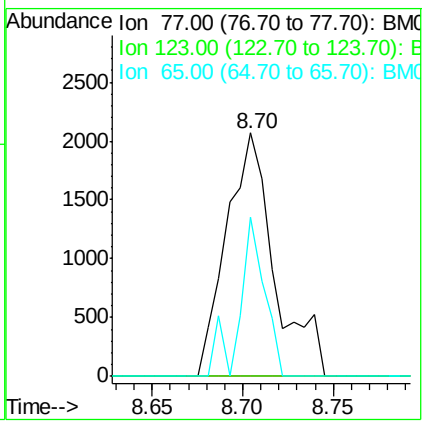


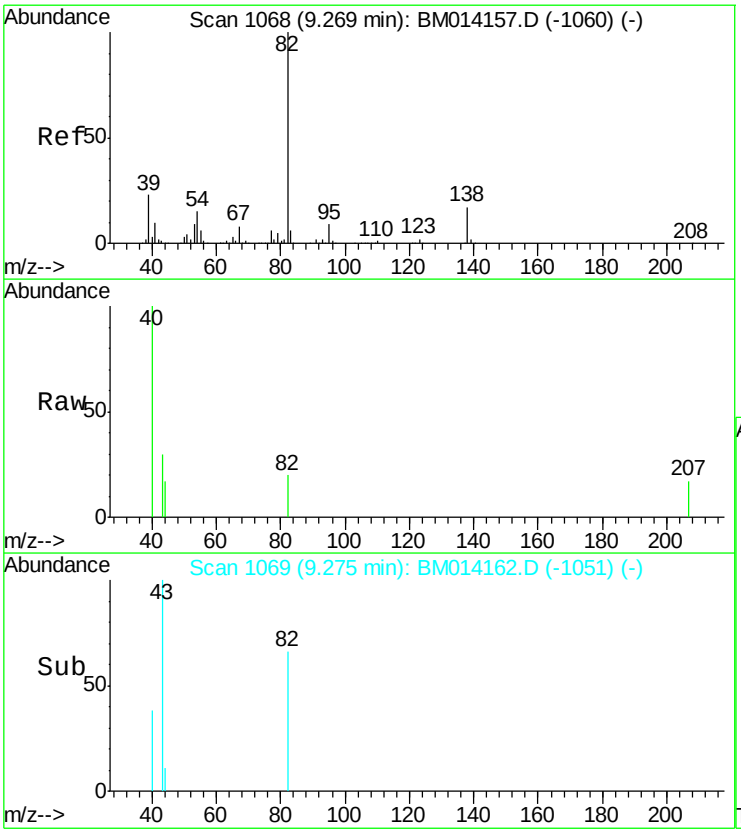
#24
Nitrobenzene
Concen: 0.522 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.04 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 3807

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	65.1	10.9	16.3#

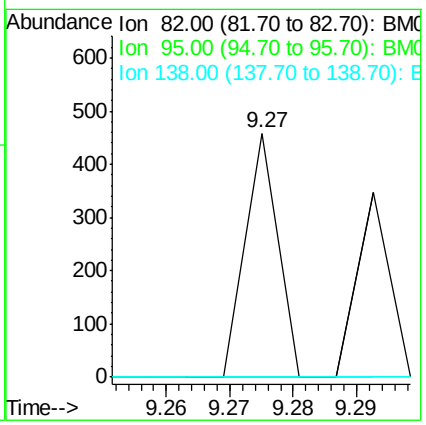


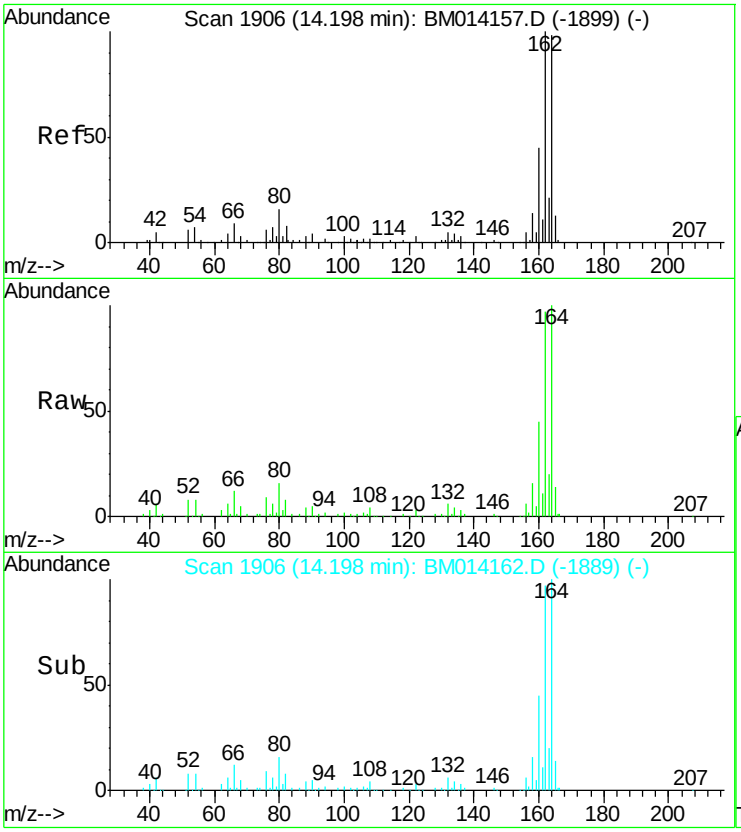


#25
Isophorone
Concen: 0.014 ng
RT: 9.27 min Scan# 1069
Delta R.T. 0.01 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion: 82 Resp: 162

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



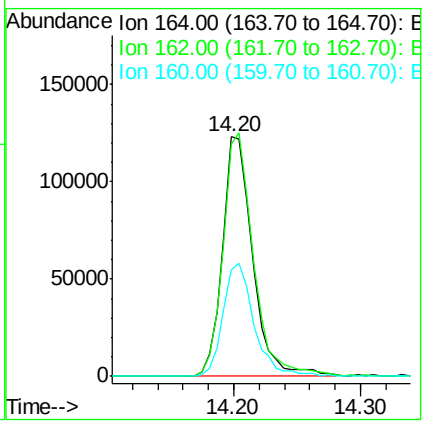


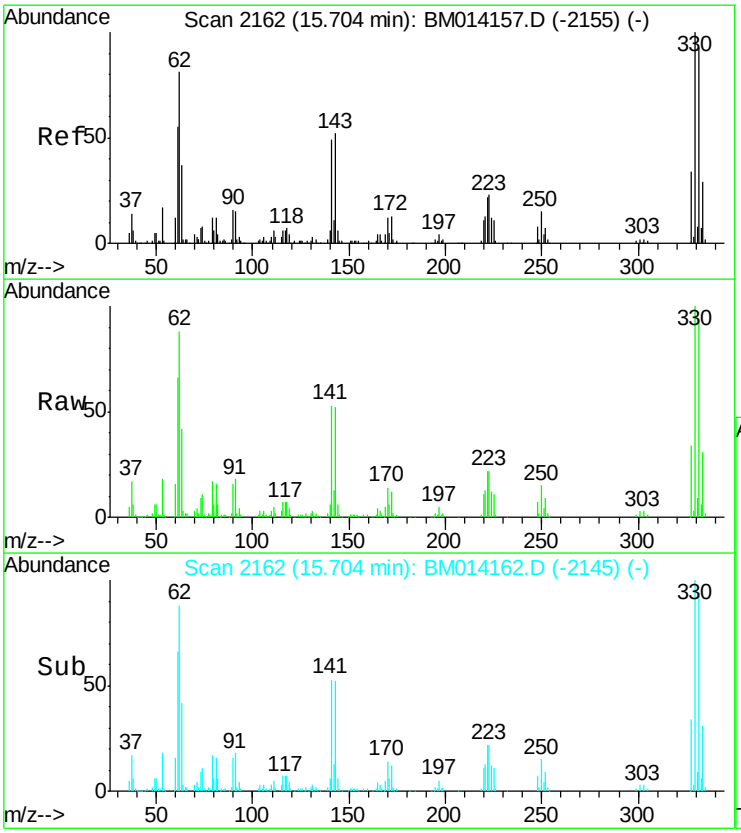
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 203564

Ion	Ratio	Lower	Upper
164	100		
162	97.0	82.4	123.6
160	44.5	35.8	53.6

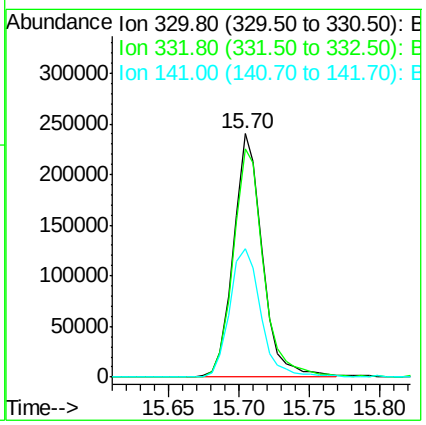


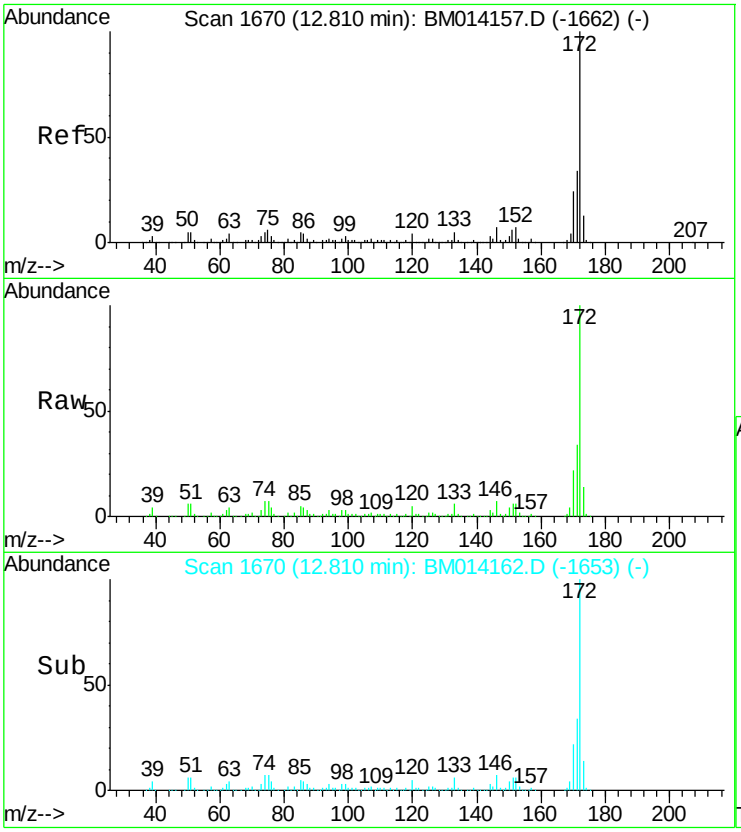


#41
2,4,6-Tribromophenol
Concen: 118.954 ng
RT: 15.70 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:330 Resp: 343600

Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	56.5	0.0	0.0#



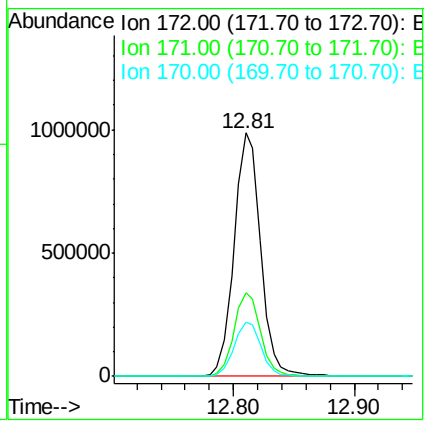


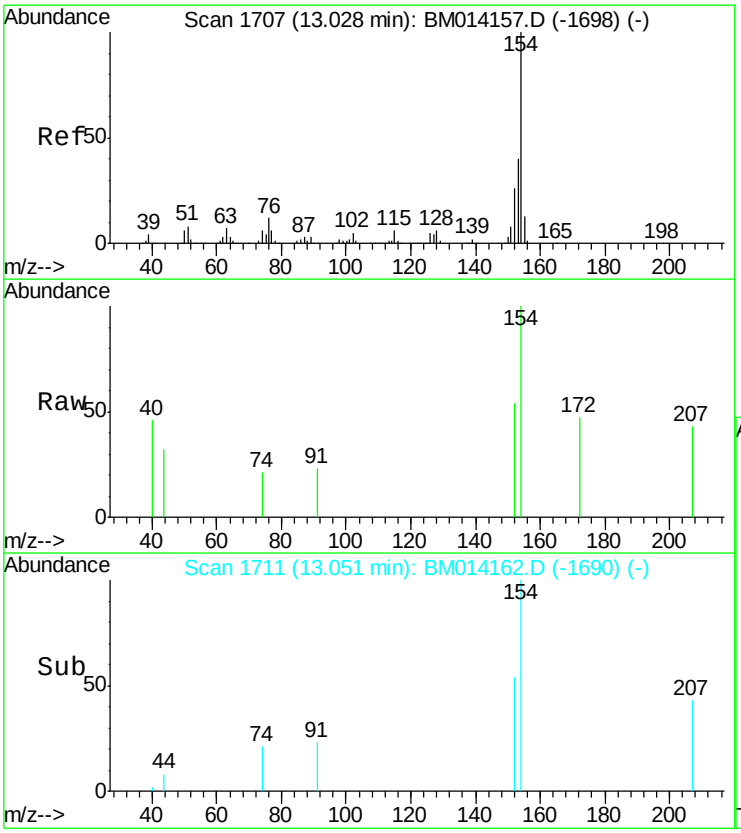
#44
2-Fluorobiphenyl
Concen: 93.042 ng
RT: 12.81 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 1517259

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	22.4	18.8	28.2

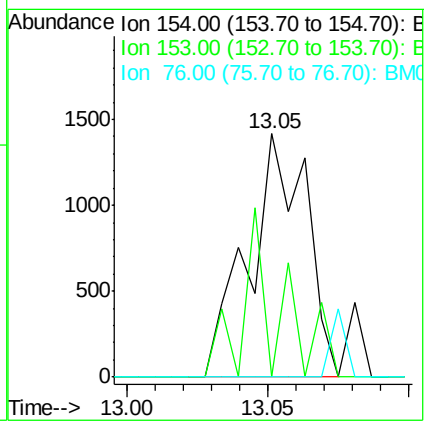


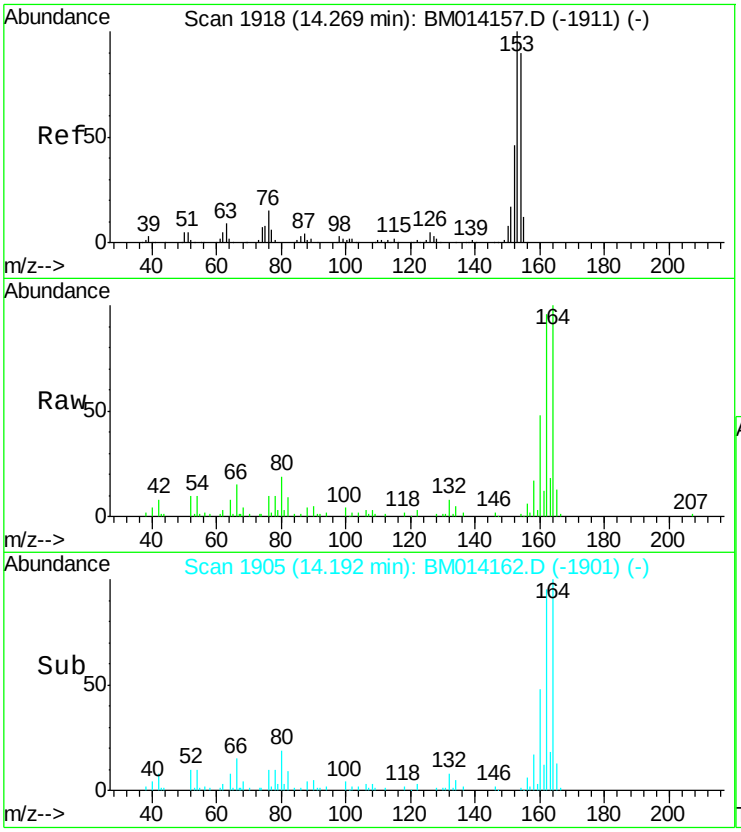


#45
1,1'-Biphenyl
Concen: 0.113 ng
RT: 13.05 min Scan# 1711
Delta R.T. 0.02 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:154 Resp: 1999

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



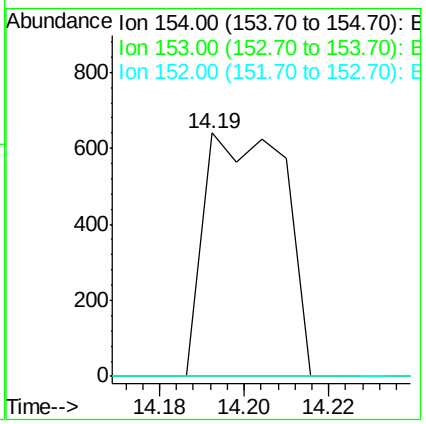


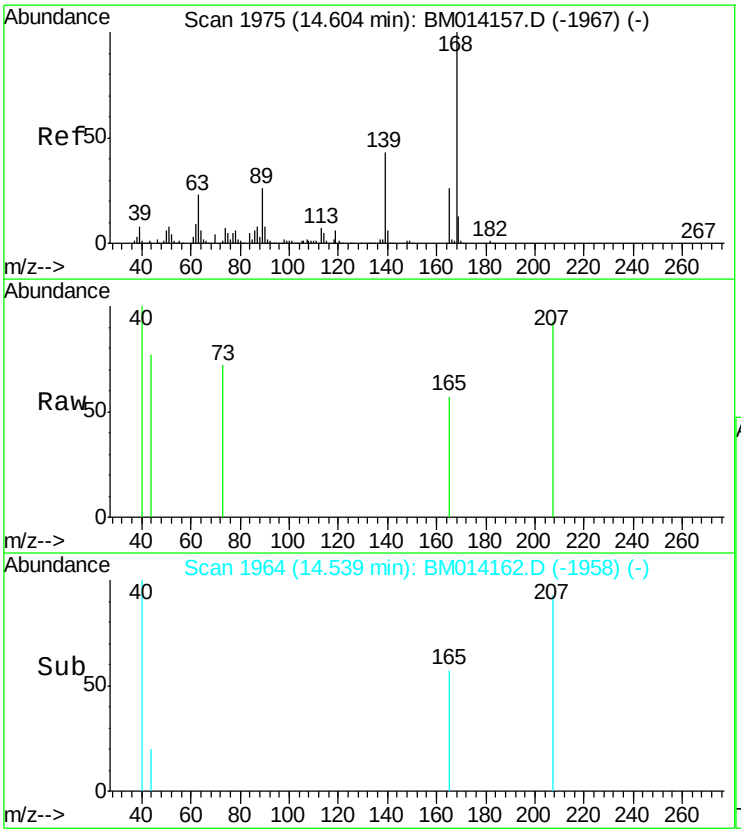
#51
Acenaphthene
Concen: 0.063 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.08 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 849

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

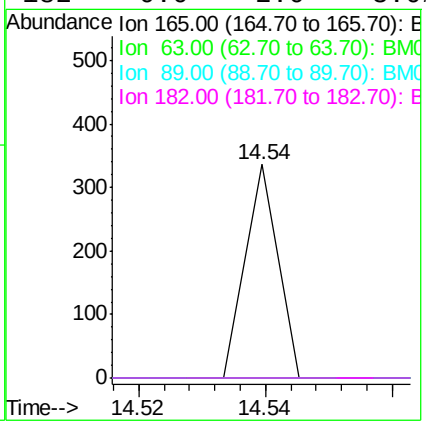


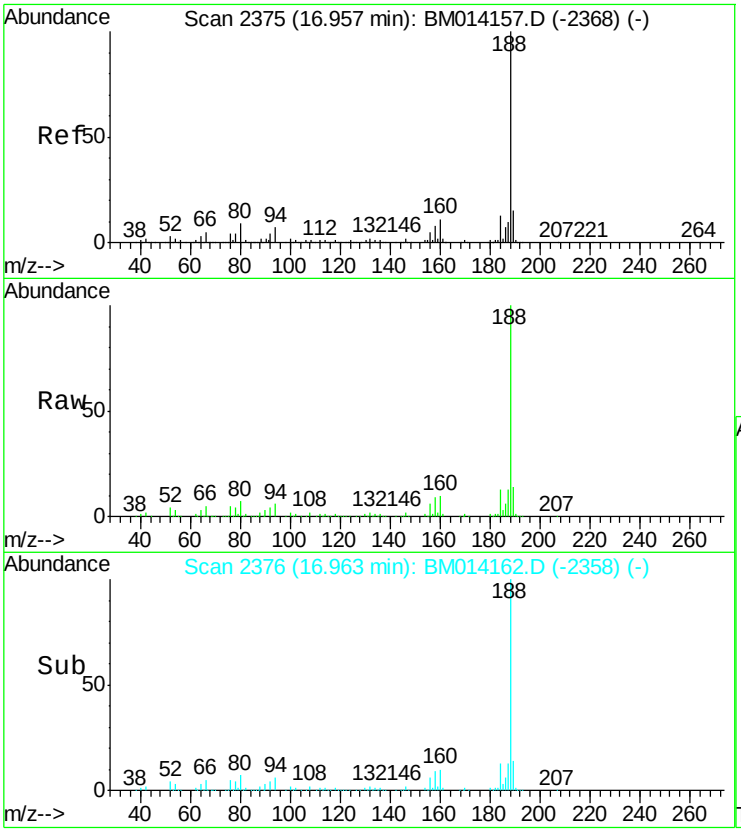


#56
2,4-Dinitrotoluene
Concen: 0.021 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.06 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:165 Resp: 119

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#



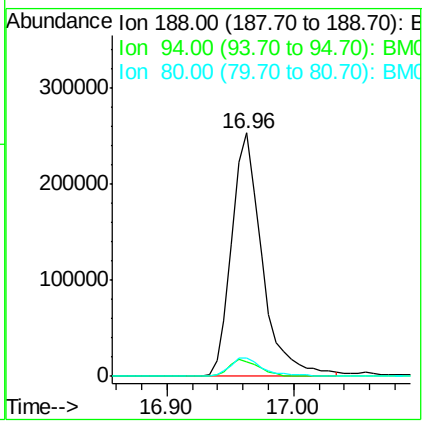


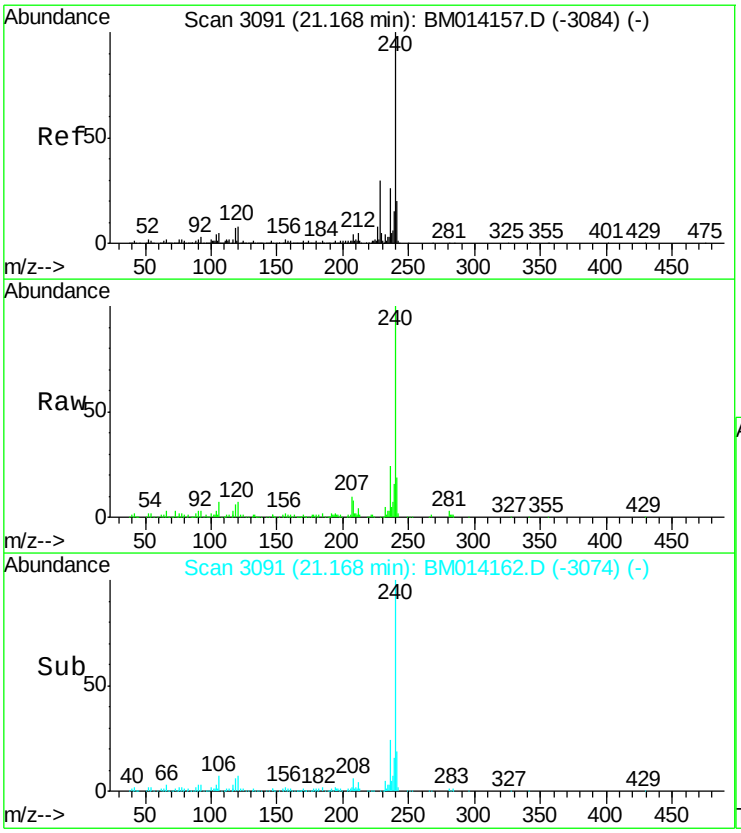
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 420647

Ion	Ratio	Lower	Upper
188	100		
94	6.2	8.7	13.1#
80	7.5	9.3	13.9#

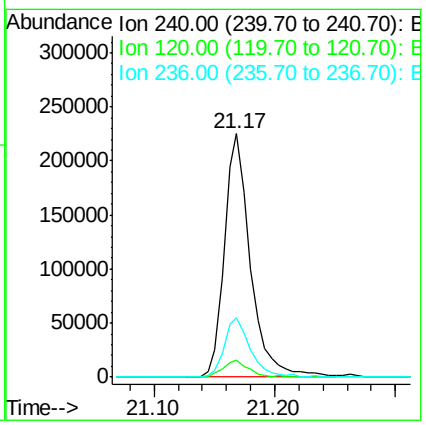


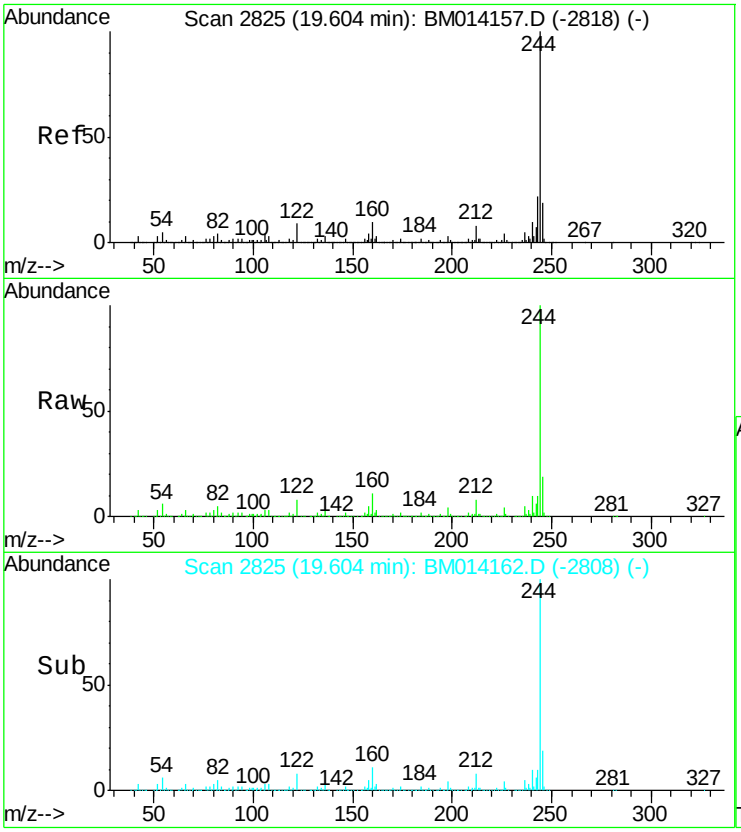


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:240 Resp: 335736

Ion	Ratio	Lower	Upper
240	100		
120	6.7	8.2	12.2#
236	24.5	20.0	30.0



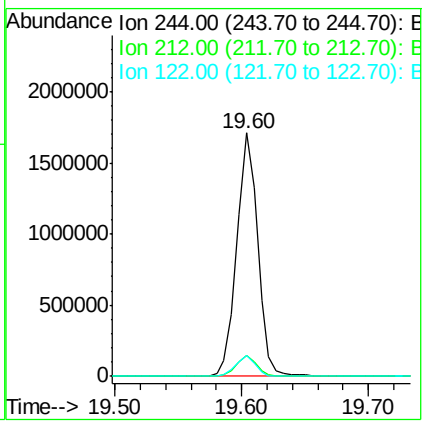


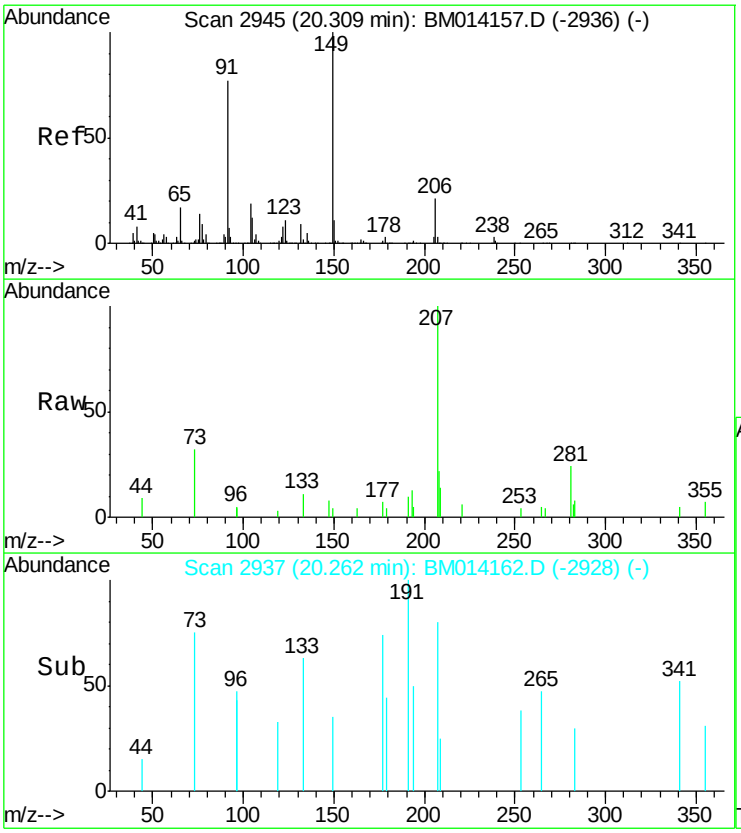
#78
Terphenyl-d14
Concen: 113.142 ng
RT: 19.60 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 1944070

Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	8.3	6.2	9.4

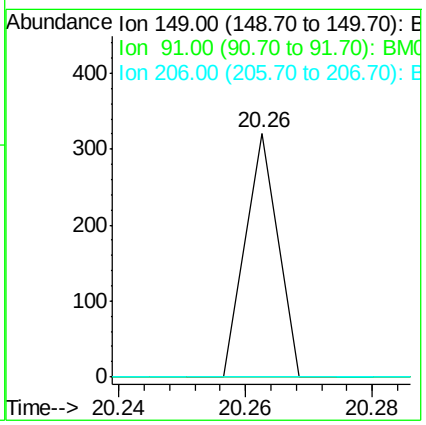


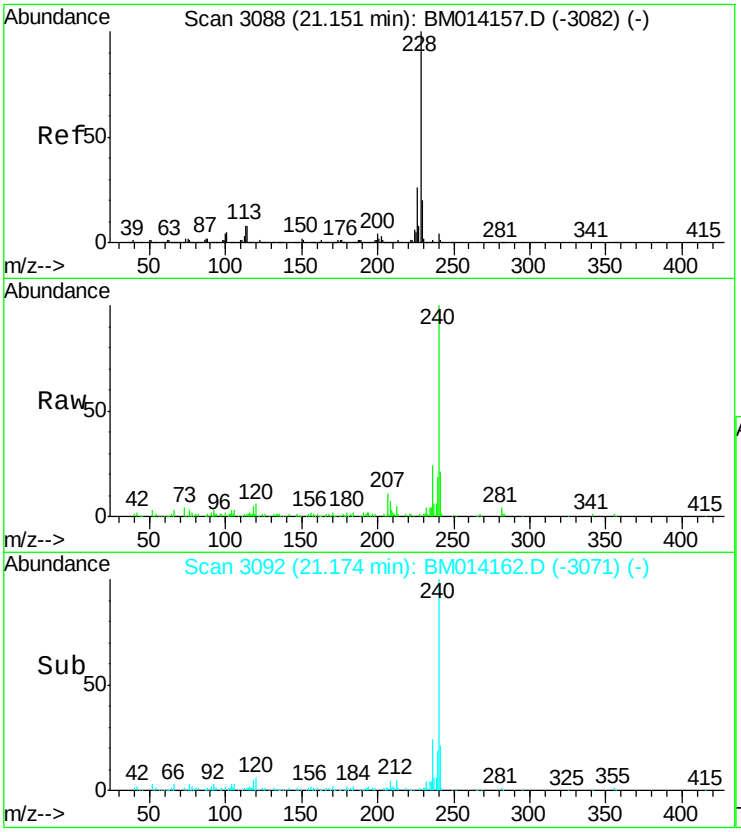


#79
Butylbenzylphthalate
Concen: 0.011 ng
RT: 20.26 min Scan# 2937
Delta R.T. -0.05 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:149 Resp: 113

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



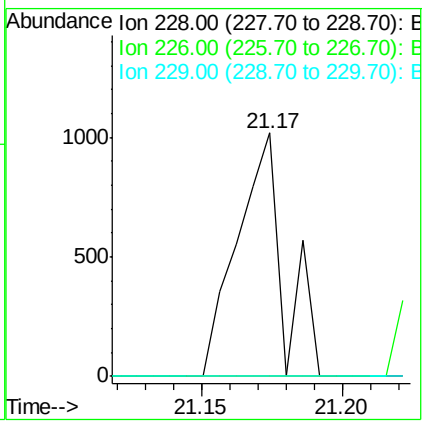


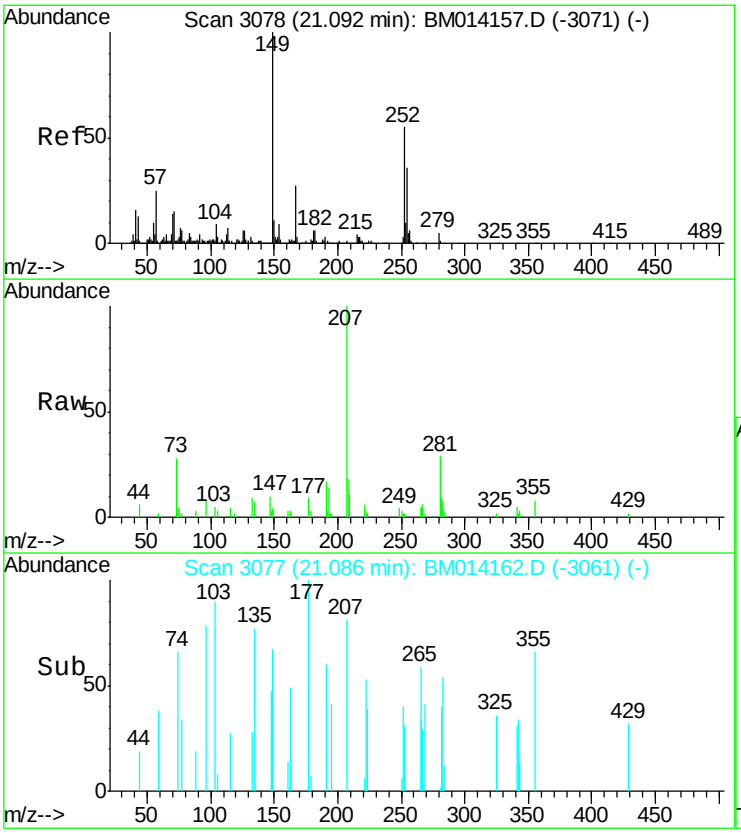
#80
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.17 min Scan# 3092
Delta R.T. 0.02 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1161

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

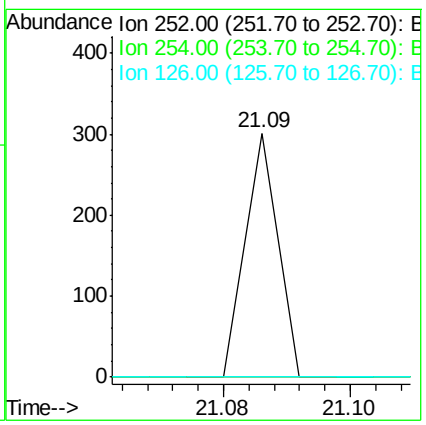


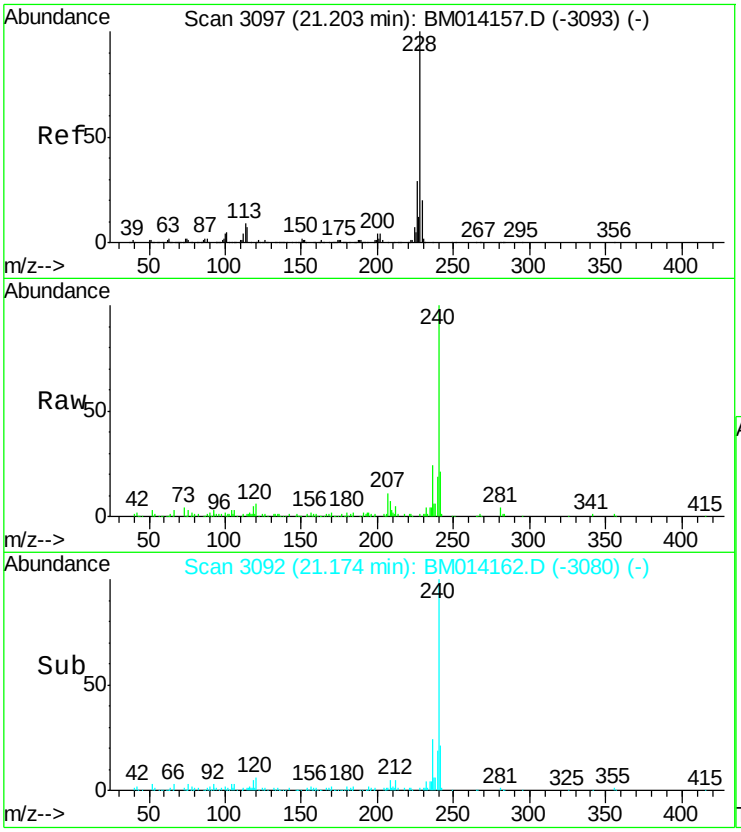


#81
3,3'-Dichlorobenzidine
Concen: 0.013 ng
RT: 21.09 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:252 Resp: 106

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



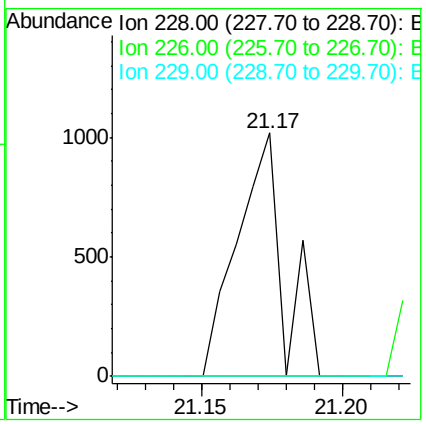


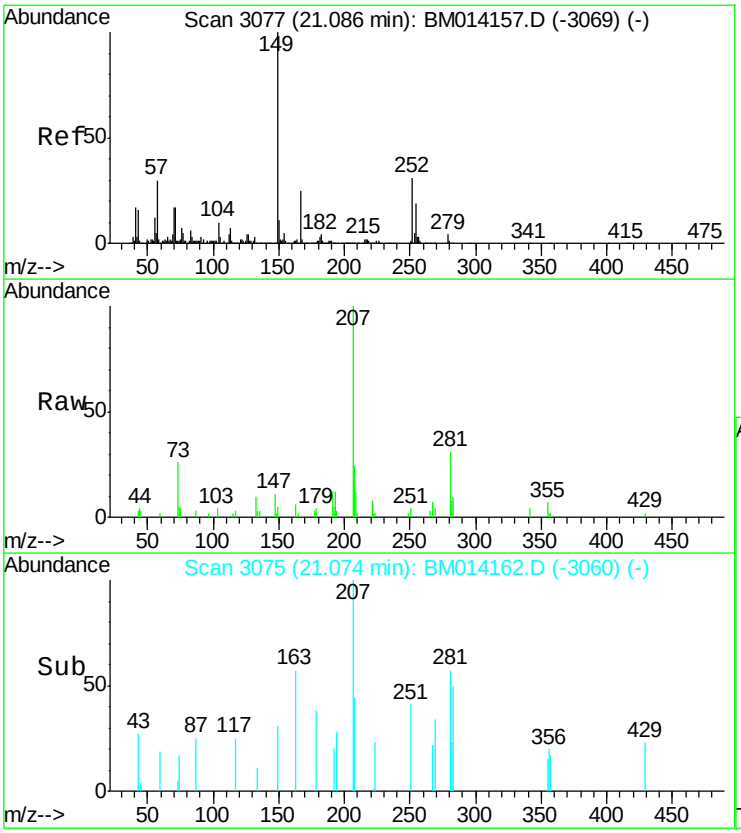
#82
Chrysene
Concen: 0.055 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.03 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1161

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

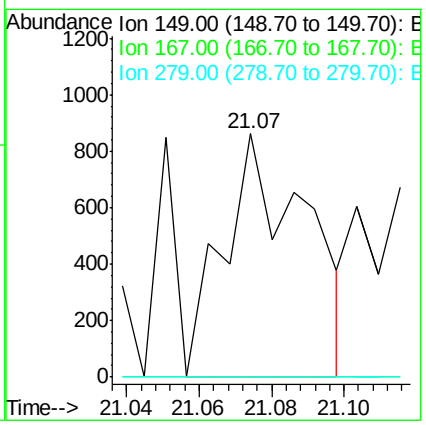


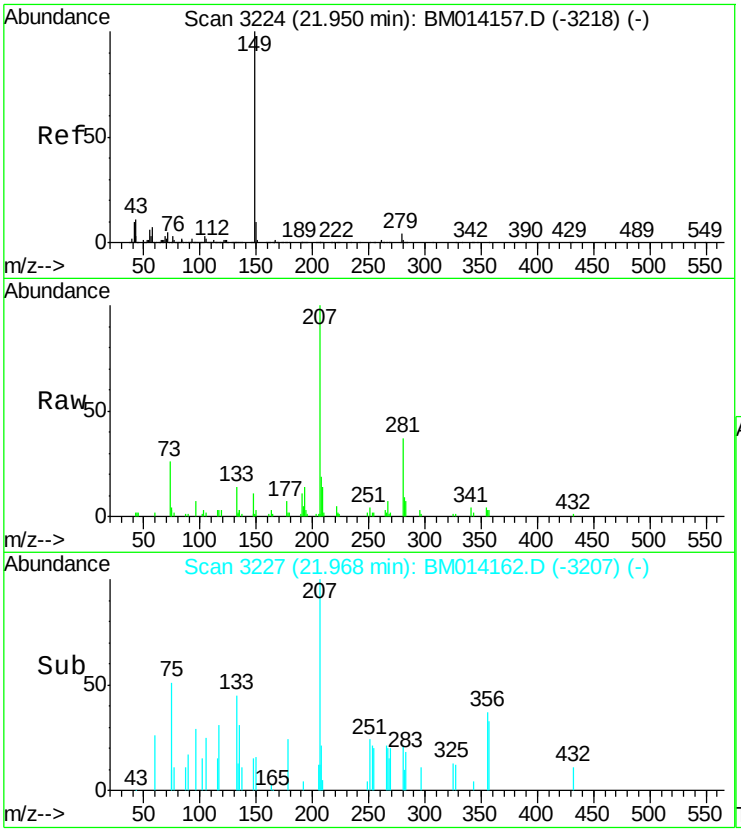


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.089 ng
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:149 Resp: 1360

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



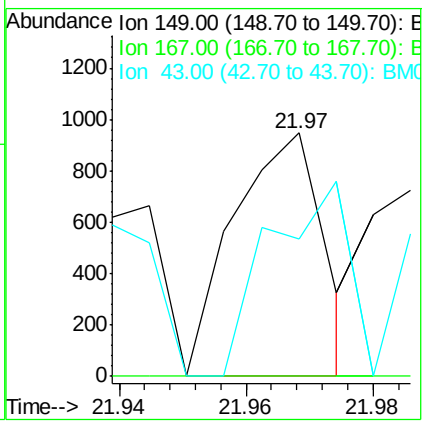


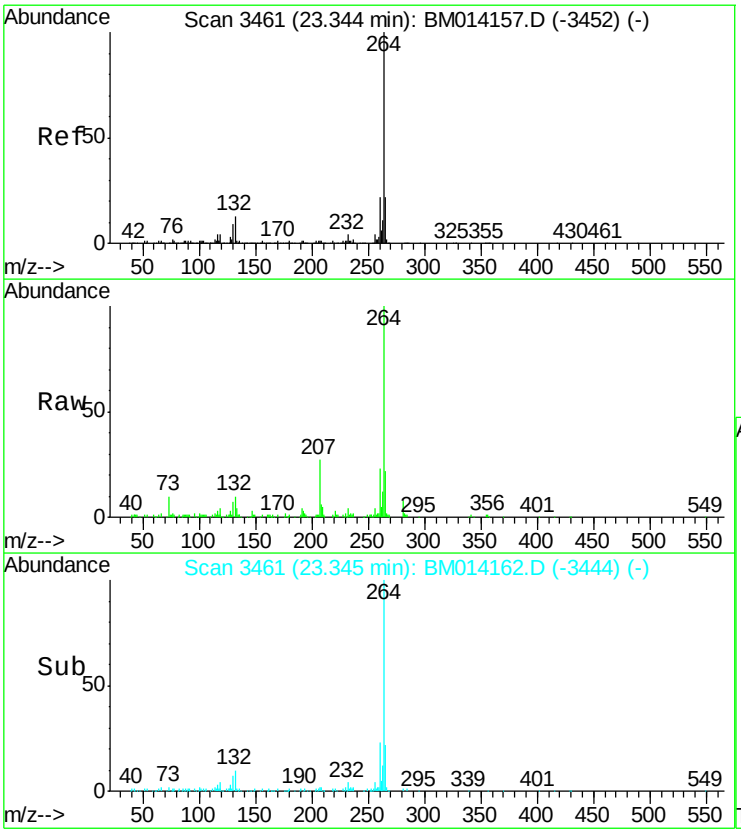
#84
Di-n-octyl phthalate
Concen: 0.044 ng
RT: 21.97 min Scan# 3227
Delta R.T. 0.02 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 934

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	70.9	7.3	10.9#

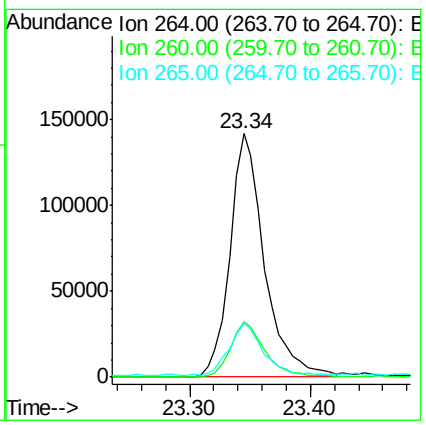


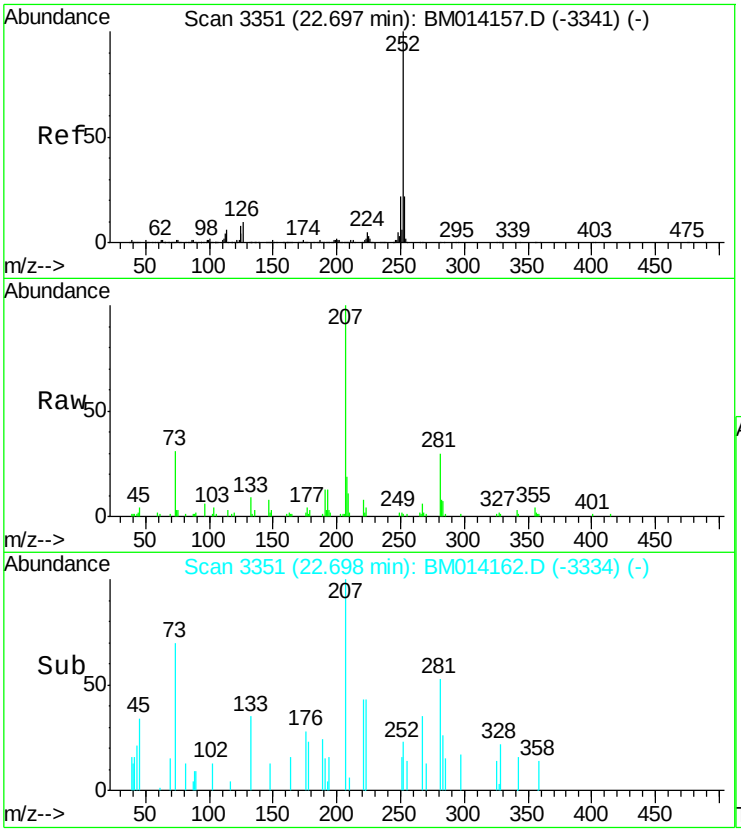


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:264 Resp: 282027

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	22.1	17.3	25.9



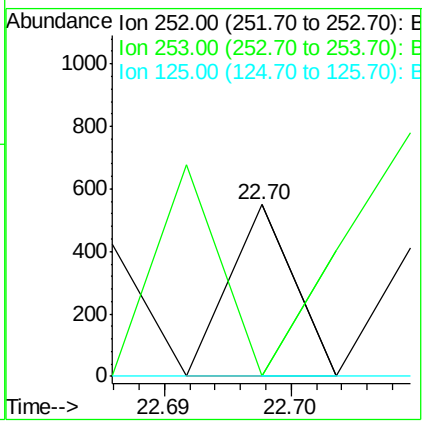


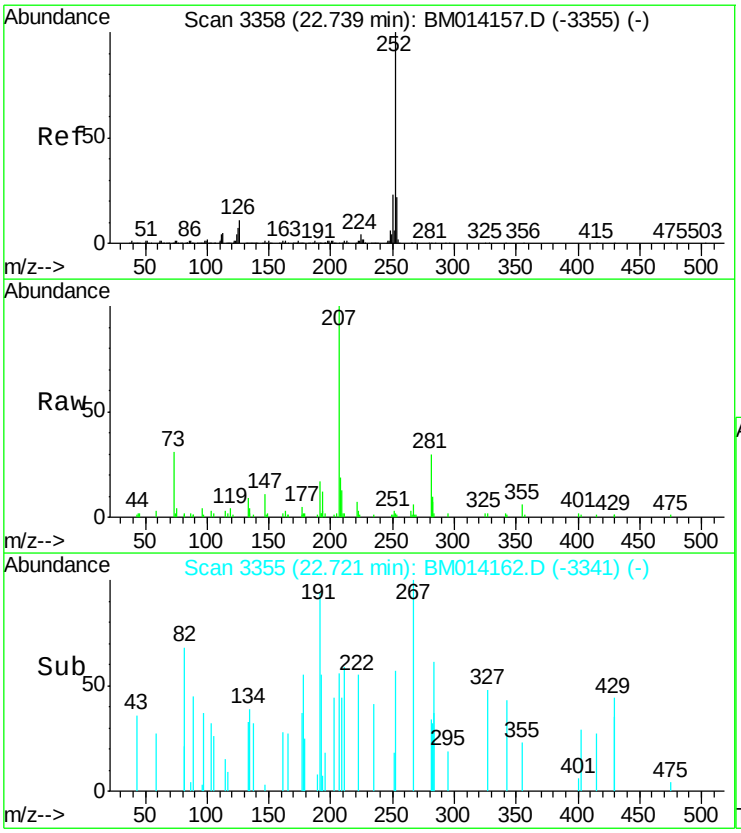
#87
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 22.70 min Scan# 3351
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 194

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.0	27.0#
125	0.0	9.9	14.9#

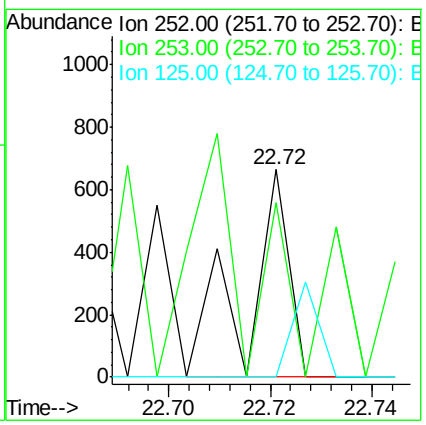


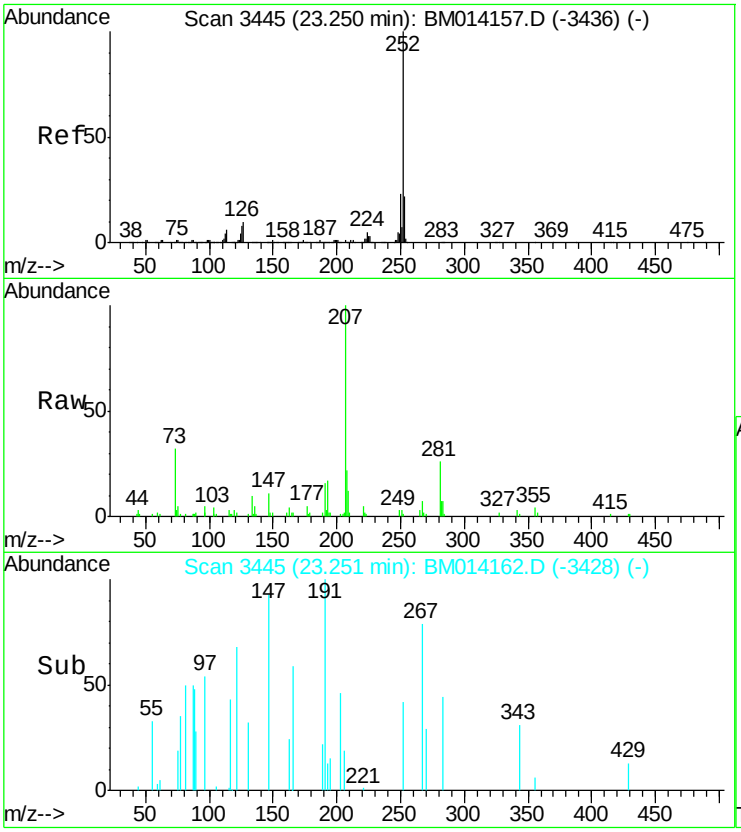


#88
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 22.72 min Scan# 3355
Delta R.T. -0.02 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:252 Resp: 379

Ion	Ratio	Lower	Upper
252	100		
253	83.9	17.2	25.8#
125	0.0	8.1	12.1#





#89
Benzo(a)pyrene
Concen: 0.009 ng
RT: 23.25 min Scan# 3445
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 155

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