Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072418\
Data File : BM016057.D
Acq On : 24 Jul 2018 16:02
Operator : SJ/JU
Sample : J4086-22DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1535

Quant Time: Jul 25 05:33:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	34249	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	136062	20.00	ng		0.00
38) Acenaphthene-d10	14.85	164	71746	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	157637	20.00	ng		0.00
75) Chrysene-d12	21.70	240	167642	20.00	ng		0.00
86) Perylene-d12	24.07	264	183208	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	53065	25.74	ng		0.00
7) Phenol-d6	7.38	99	70994	26.37	ng		0.00
23) Nitrobenzene-d5	9.42	82	49729	17.00	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	21625	23.76	ng		0.00
44) 2-Fluorobiphenyl	13.47	172	107763	18.28	ng		0.00
78) Terphenyl-d14	20.15	244	158384	19.78	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.41	94	84909	31.536	ng		97
17) 2-Methylphenol	8.67	107	40765	22.152	ng	#	81
20) 3+4-Methylphenols	9.00	107	54565	20.608	ng		83
26) 2-Nitrophenol	10.17	139	27421	22.308	ng	#	44
29) 2,4-Dichlorophenol	10.70	162	49043	24.100	ng		96
36) 4-Chloro-3-methylphenol	12.32	107	50251	22.451	ng	#	84
42) 2,4,6-Trichlorophenol	13.30	196	10332	6.761	ng		95
43) 2,4,5-Trichlorophenol	13.37	196	35477	22.506	ng	#	80
53) 2,4-Dinitrophenol	15.00	184	13442	29.003	ng	#	79
55) 4-Nitrophenol	15.08	139	25568	26.138	ng		86
64) 4,6-Dinitro-2-methylphenol	16.00	198	5004	5.230	ng		92
69) Pentachlorophenol	17.23	266	23153	19.021	ng		100

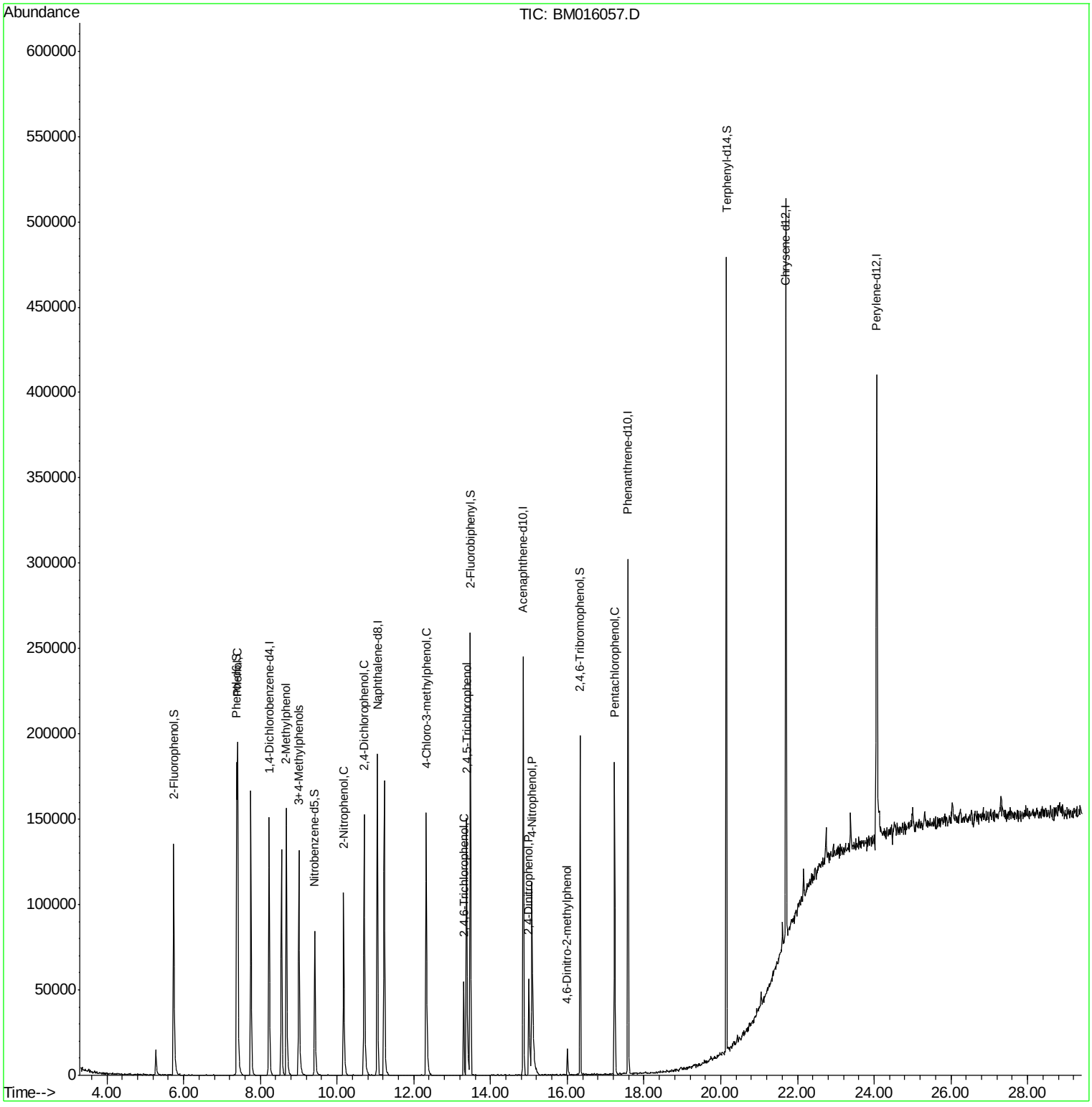
(#) = qualifier out of range (m) = manual integration (+) = signals summed

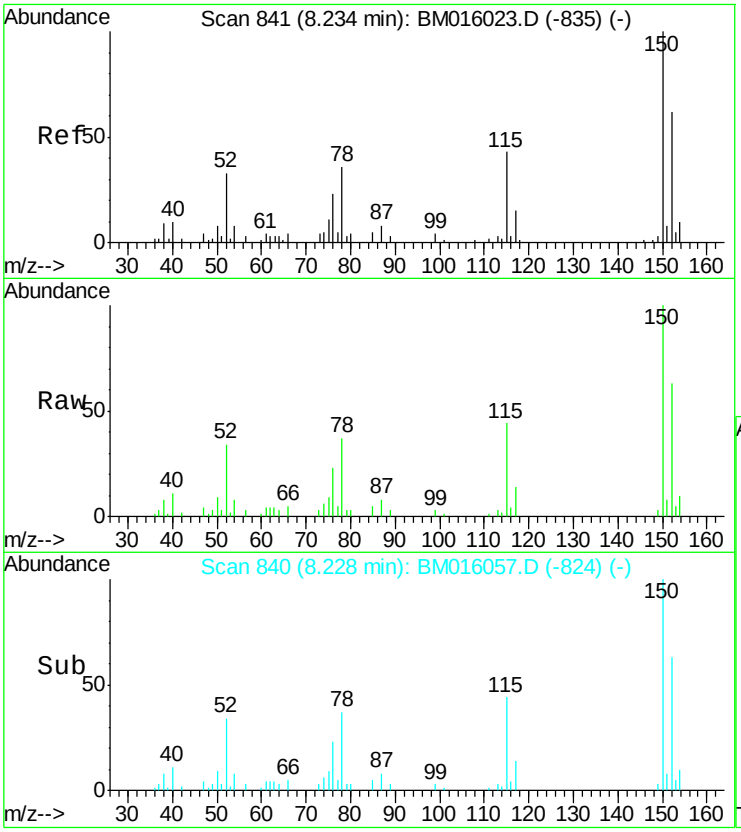
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072418\
Data File : BM016057.D
Acq On : 24 Jul 2018 16:02
Operator : SJ/JU
Sample : J4086-22DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1535

Quant Time: Jul 25 05:33:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration



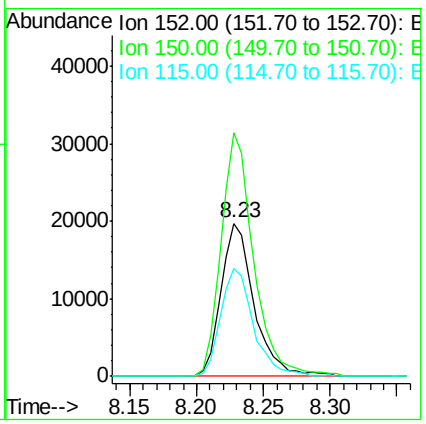


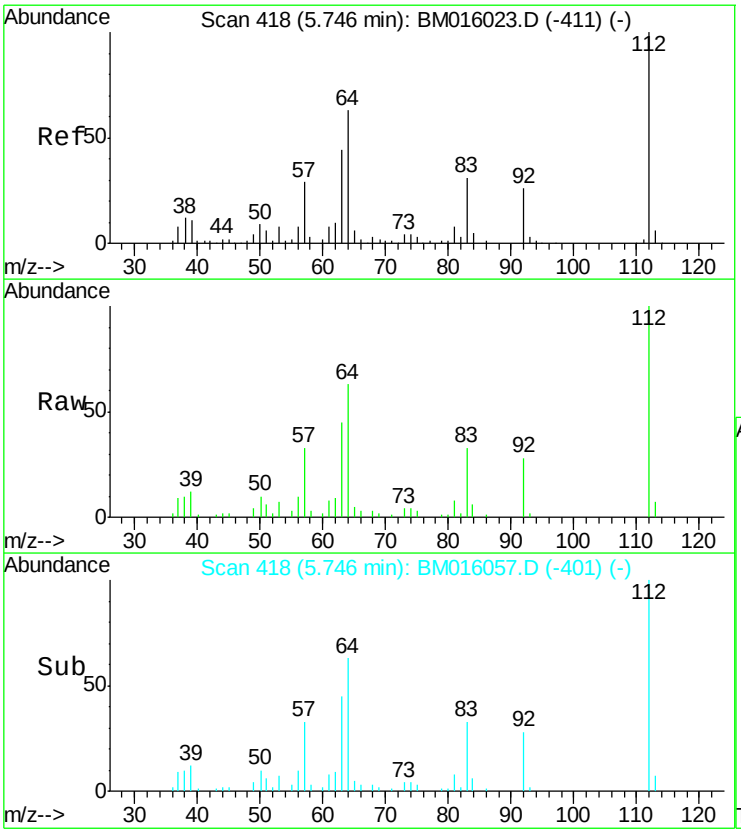
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 840
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:152 Resp: 34249

Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.5	179.3
115	70.3	43.0	64.4#

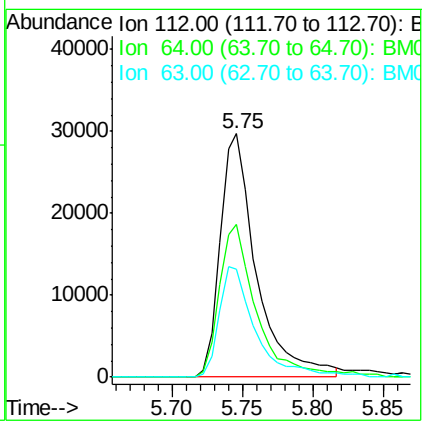


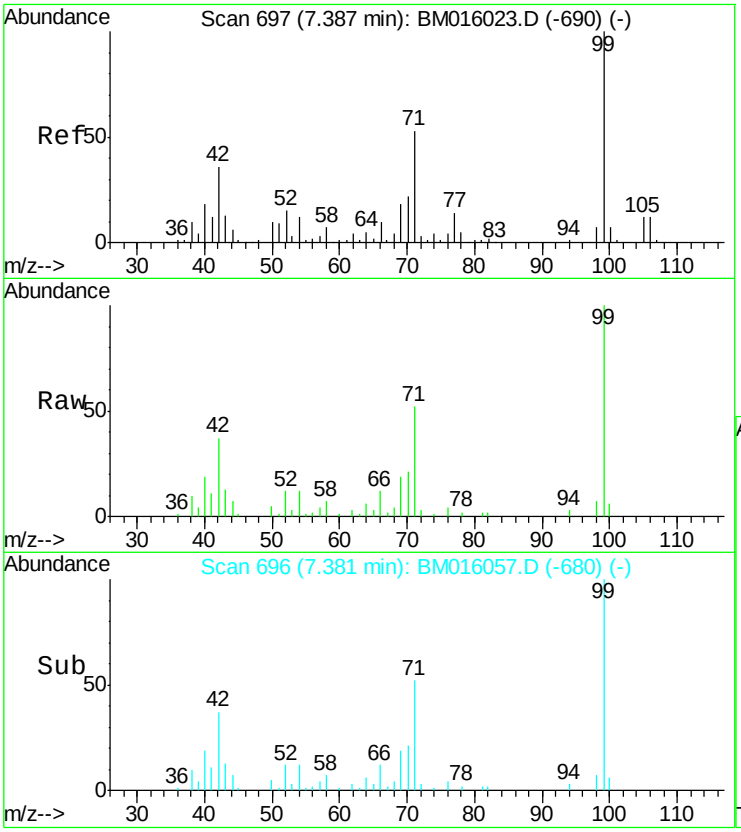


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.75 min Scan# 418
Delta R.T. 0.00 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion:112 Resp: 53065

Ion	Ratio	Lower	Upper
112	100		
64	62.7	38.6	57.8#
63	44.6	19.3	28.9#



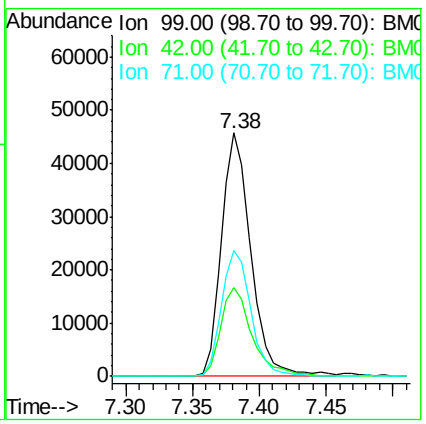


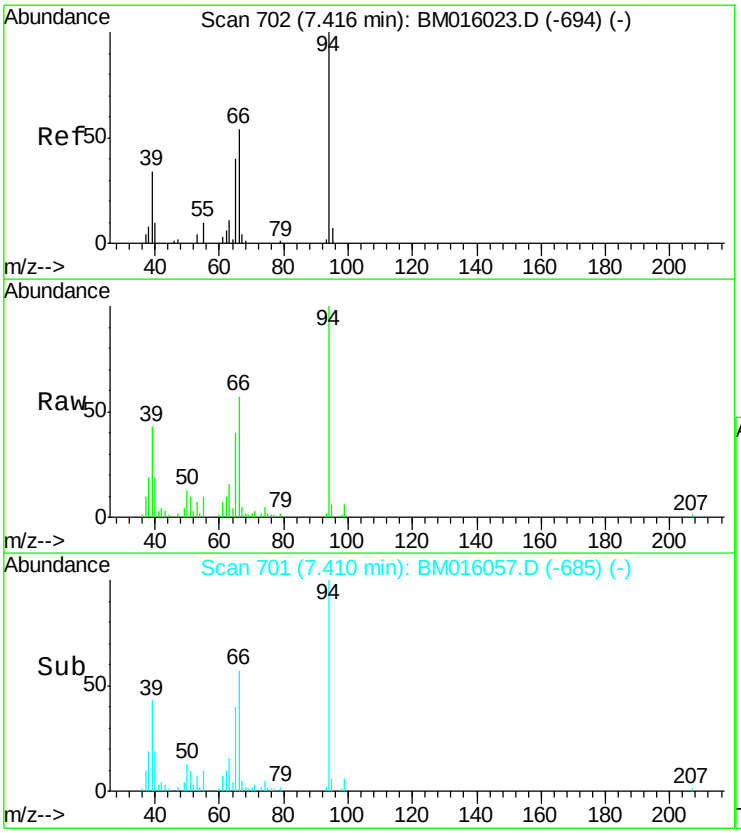
#7
Phenol-d6
Concen: N.D. ng
RT: 7.38 min Scan# 696
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion: 99 Resp: 70994

Ion	Ratio	Lower	Upper
99	100		
42	36.6	11.0	16.4#
71	51.9	23.4	35.2#

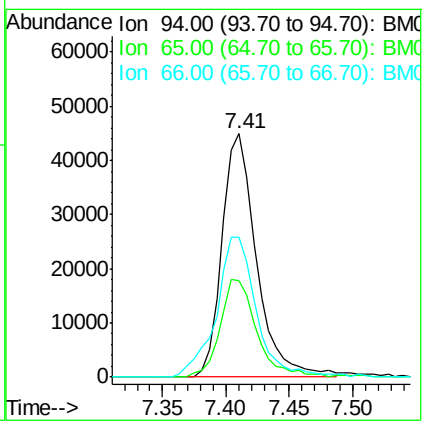


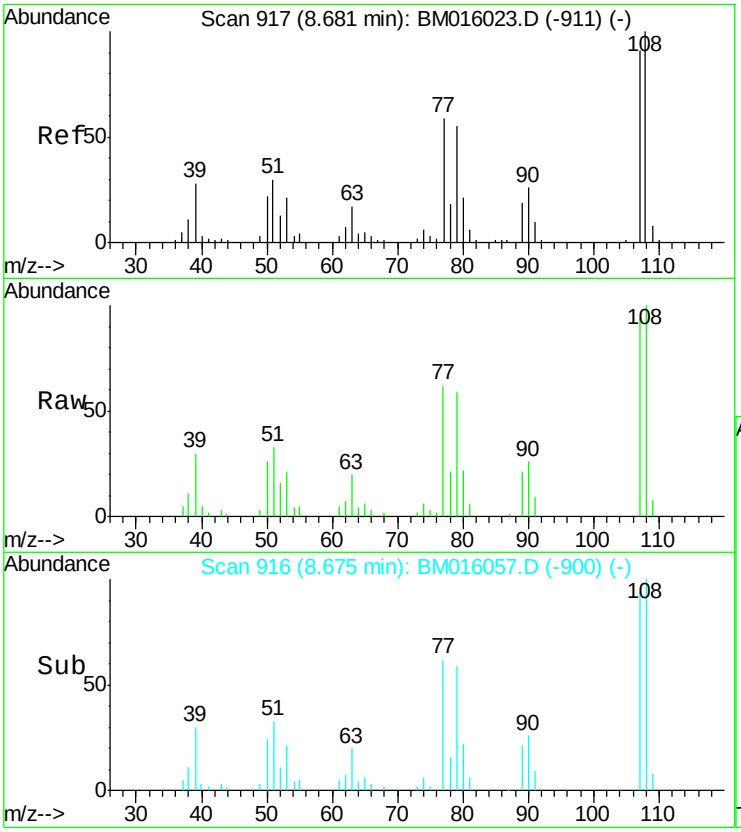


#10
Phenol
Concen: 31.536 ng
RT: 7.41 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion: 94 Resp: 84909

Ion	Ratio	Lower	Upper
94	100		
65	39.8	18.8	58.8
66	57.4	39.9	79.9



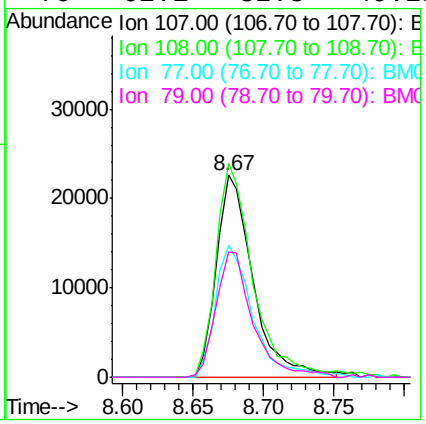


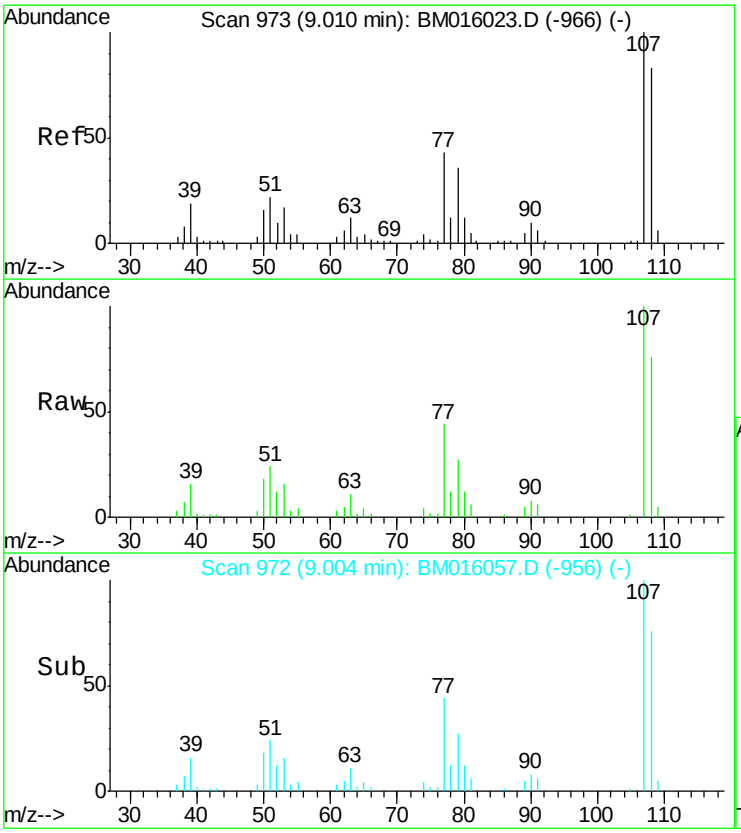
#17
2-Methylphenol
Concen: 22.152 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:107 Resp: 40765

Ion	Ratio	Lower	Upper
107	100		
108	105.9	89.8	134.8
77	65.2	32.6	48.8#
79	62.1	32.8	49.2#

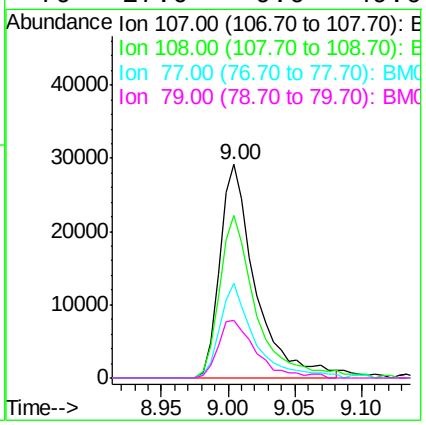


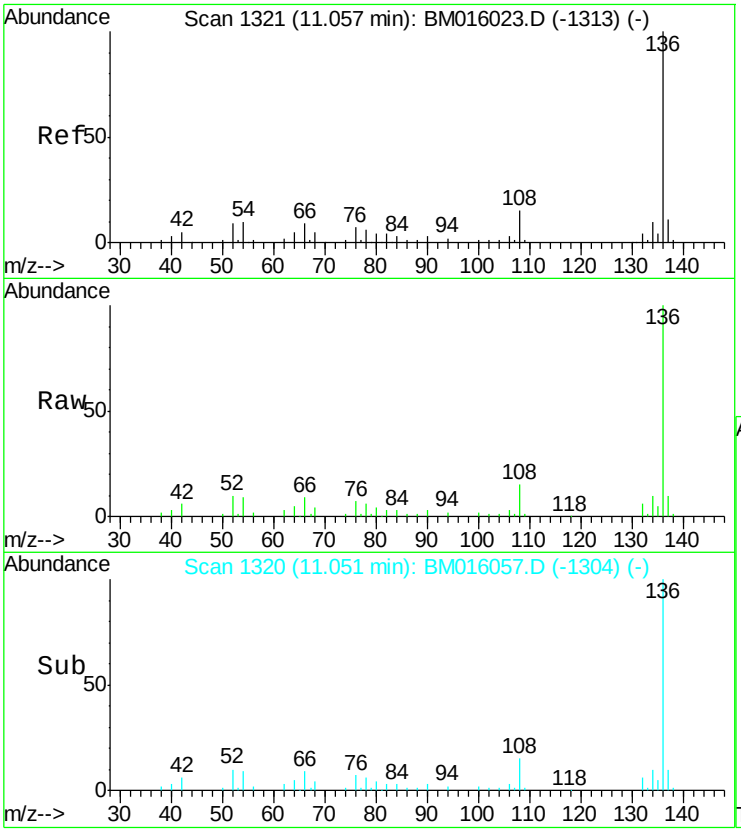


#20
3+4-Methylphenols
Concen: 20.608 ng
RT: 9.00 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion:107 Resp: 54565

Ion	Ratio	Lower	Upper
107	100		
108	76.2	73.2	113.2
77	44.5	10.7	50.7
79	27.0	9.6	49.6



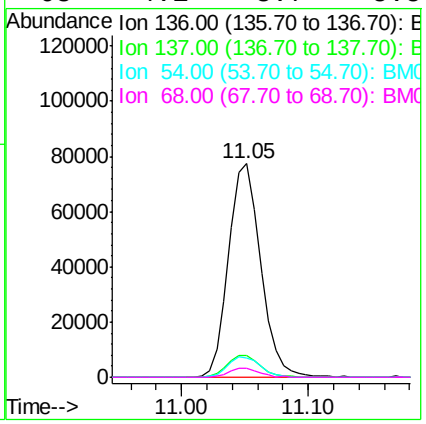


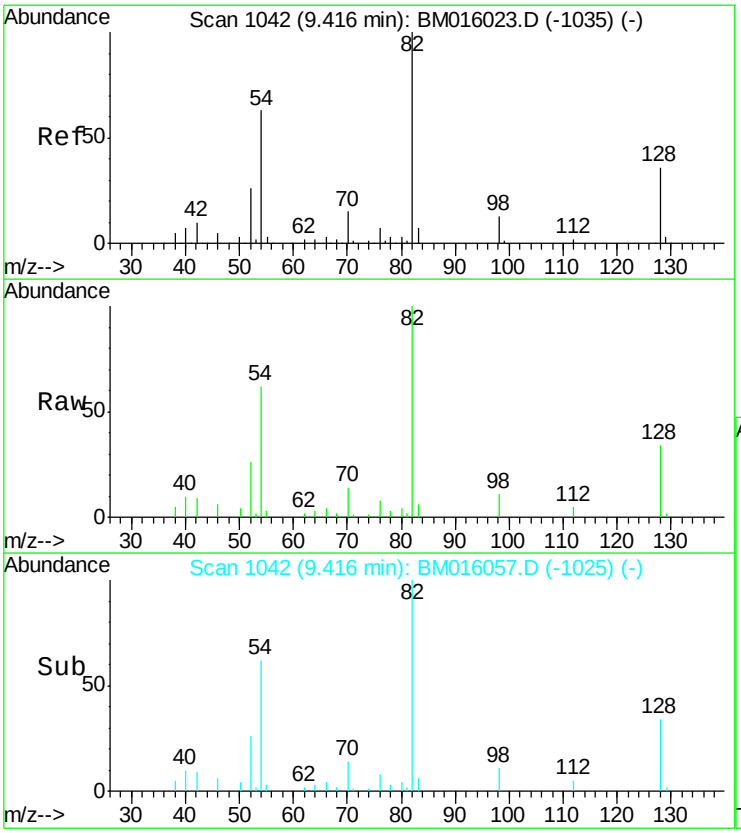
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:136 Resp: 136062

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	9.1	4.6	6.8#
68	4.1	3.7	5.5

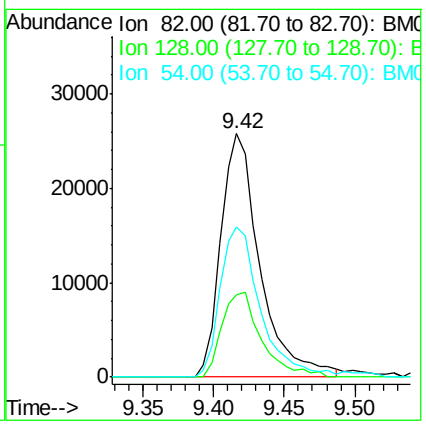


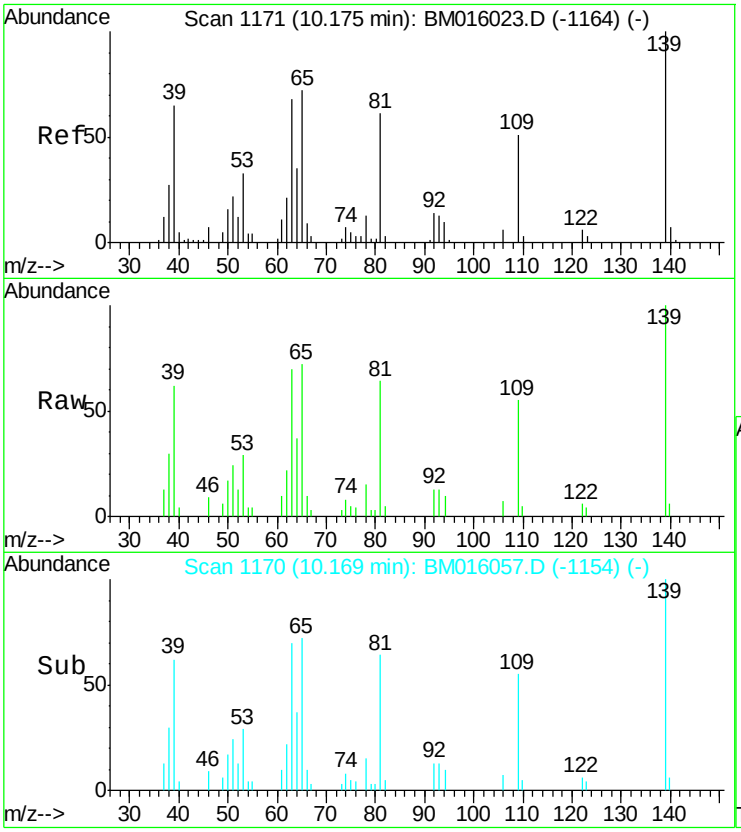


#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.42 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion: 82 Resp: 49729

Ion	Ratio	Lower	Upper
82	100		
128	33.6	32.8	49.2
54	61.8	40.6	60.8#



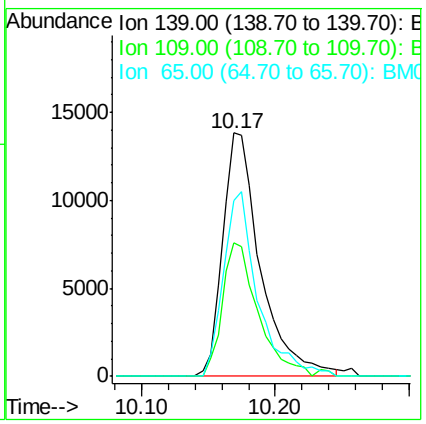


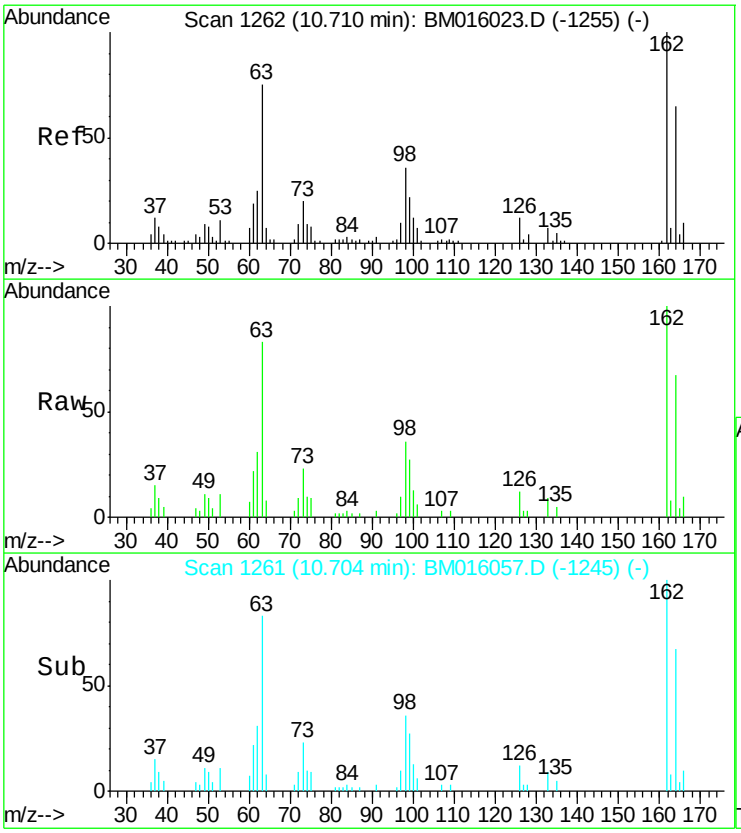
#26
2-Nitrophenol
Concen: 22.308 ng
RT: 10.17 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:139 Resp: 27421

Ion	Ratio	Lower	Upper
139	100		
109	54.6	20.1	30.1#
65	72.5	31.5	47.3#

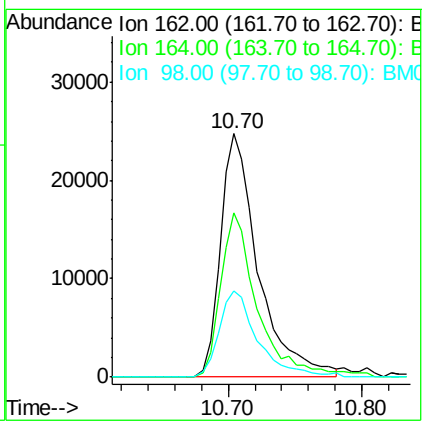


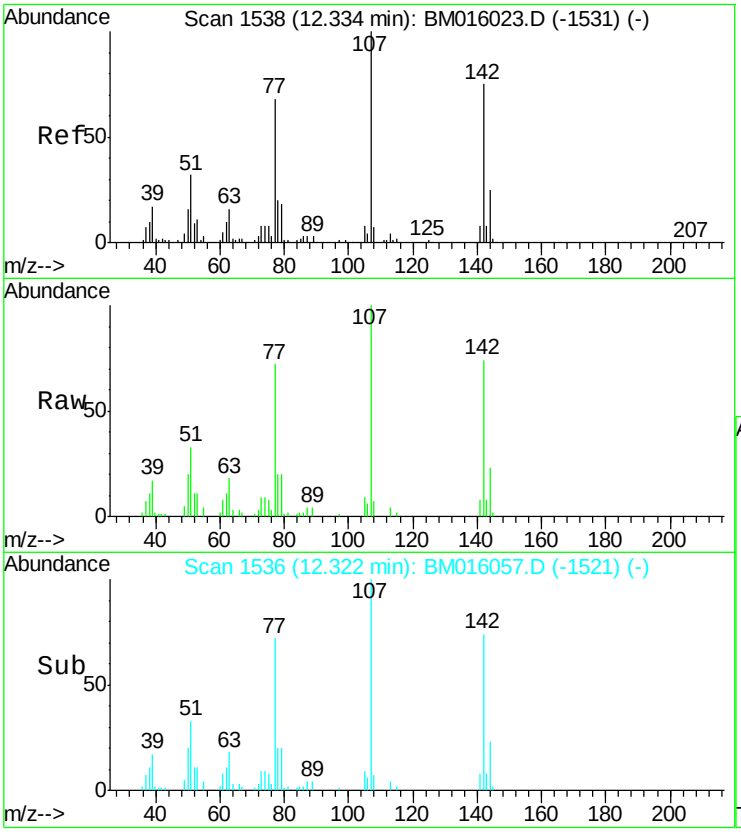


#29
2,4-Dichlorophenol
Concen: 24.100 ng
RT: 10.70 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion:162 Resp: 49043

Ion	Ratio	Lower	Upper
162	100		
164	67.4	42.8	82.8
98	35.5	14.5	54.5



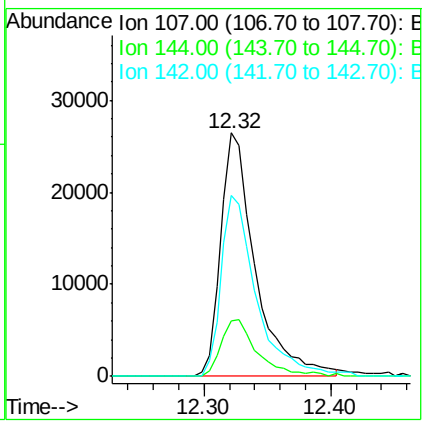


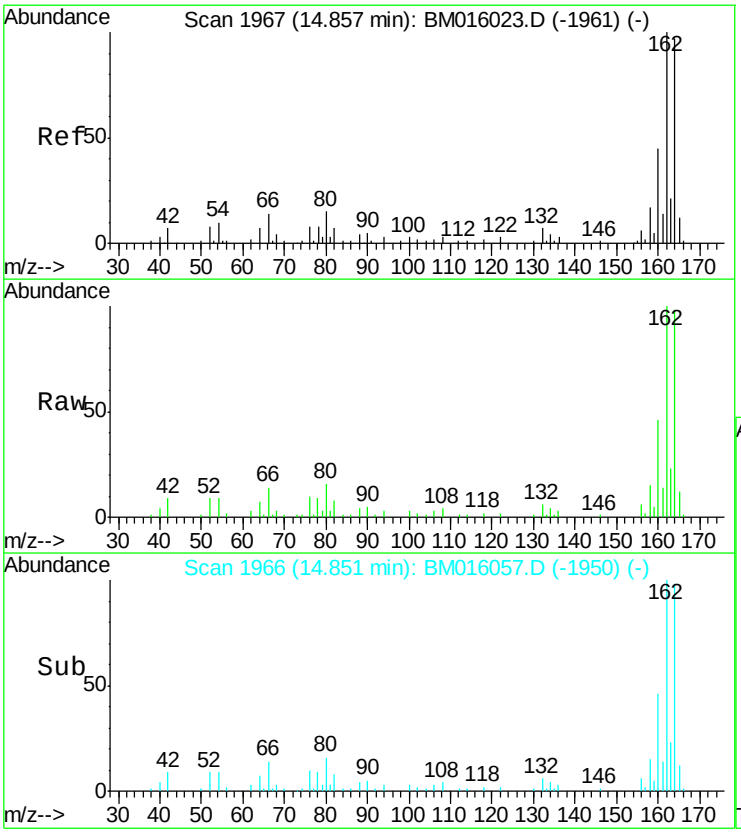
#36
4-Chloro-3-methylphenol
Concen: 22.451 ng
RT: 12.32 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:107 Resp: 50251

Ion	Ratio	Lower	Upper
107	100		
144	22.8	23.3	34.9#
142	74.1	72.6	109.0

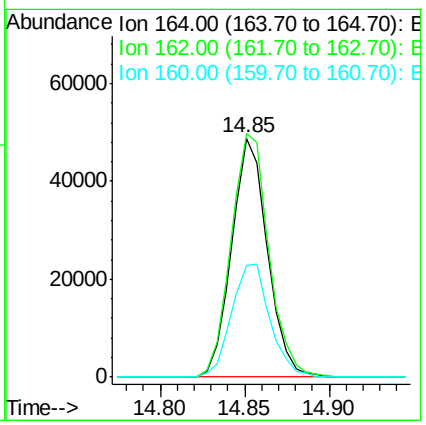


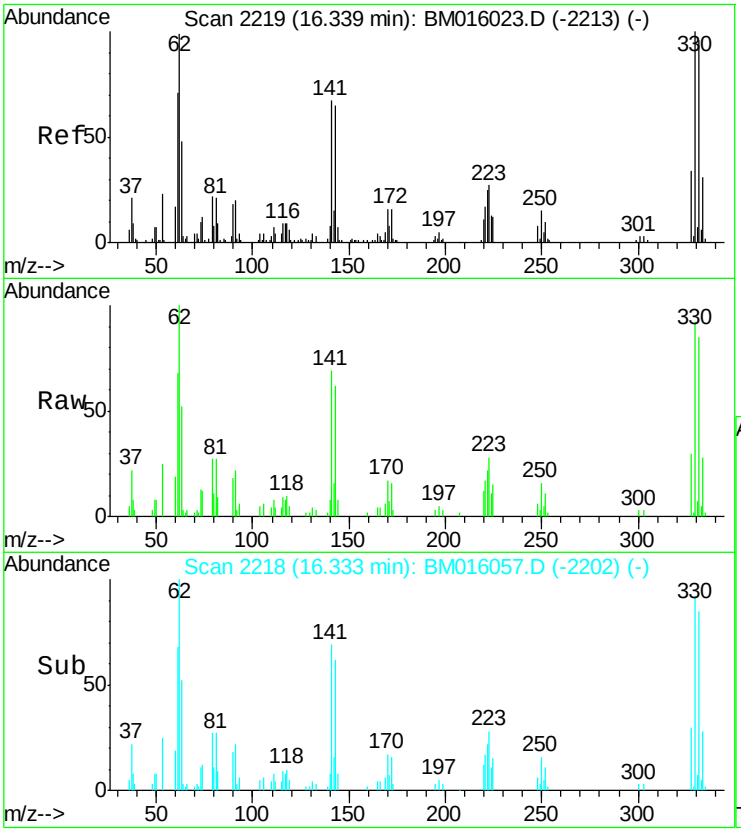


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.85 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion:164 Resp: 71746

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.4	123.6
160	46.9	35.8	53.6



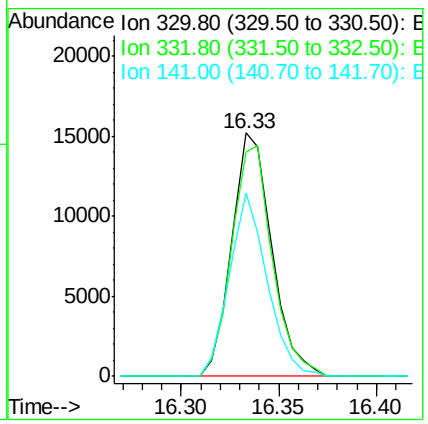


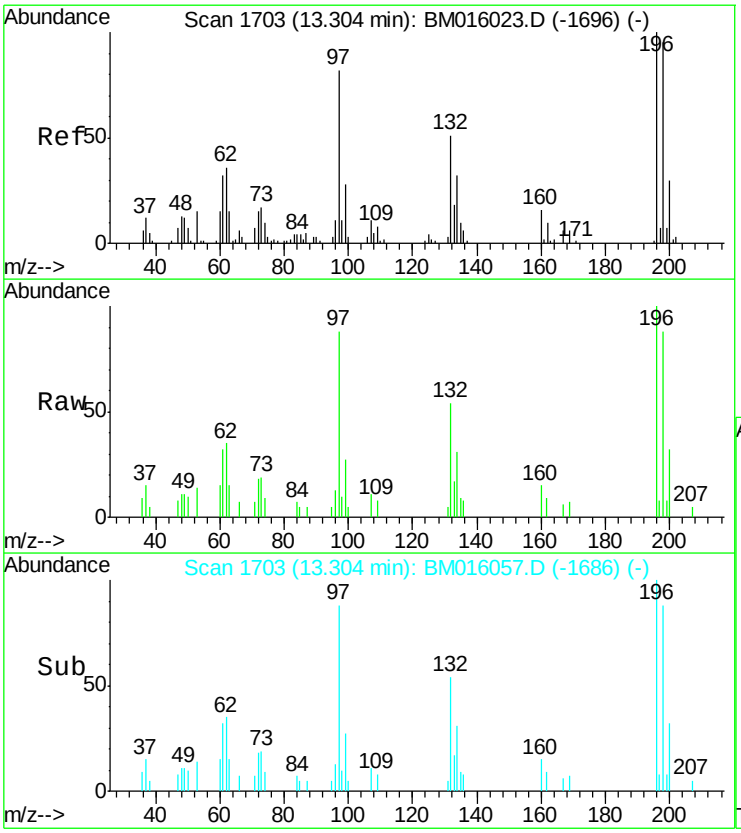
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.33 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:330 Resp: 21625

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	71.1	0.0	0.0#

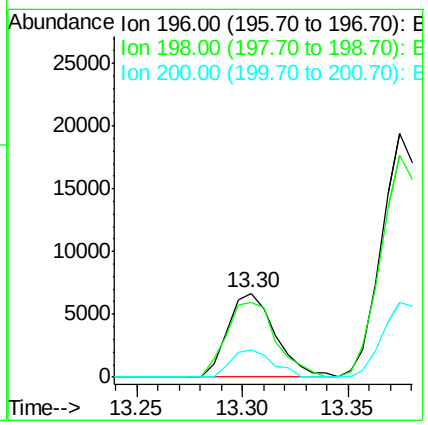


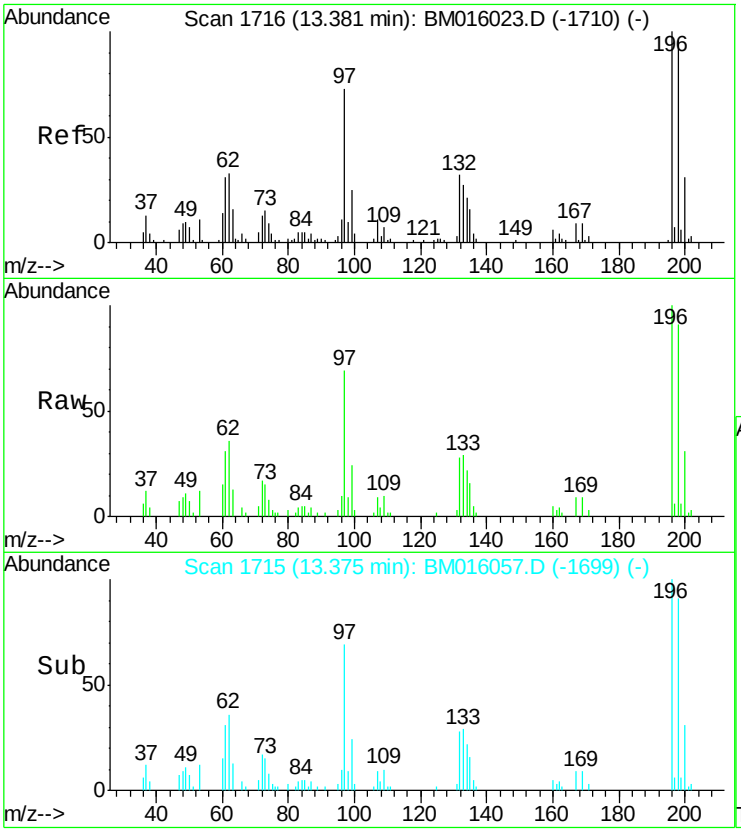


#42
2,4,6-Trichlorophenol
Concen: 6.761 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion:196 Resp: 10332

Ion	Ratio	Lower	Upper
196	100		
198	88.4	76.3	114.5
200	32.0	25.6	38.4



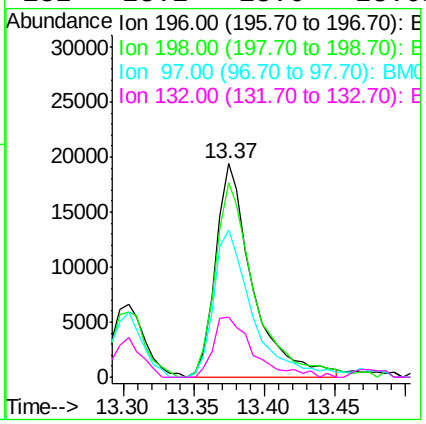


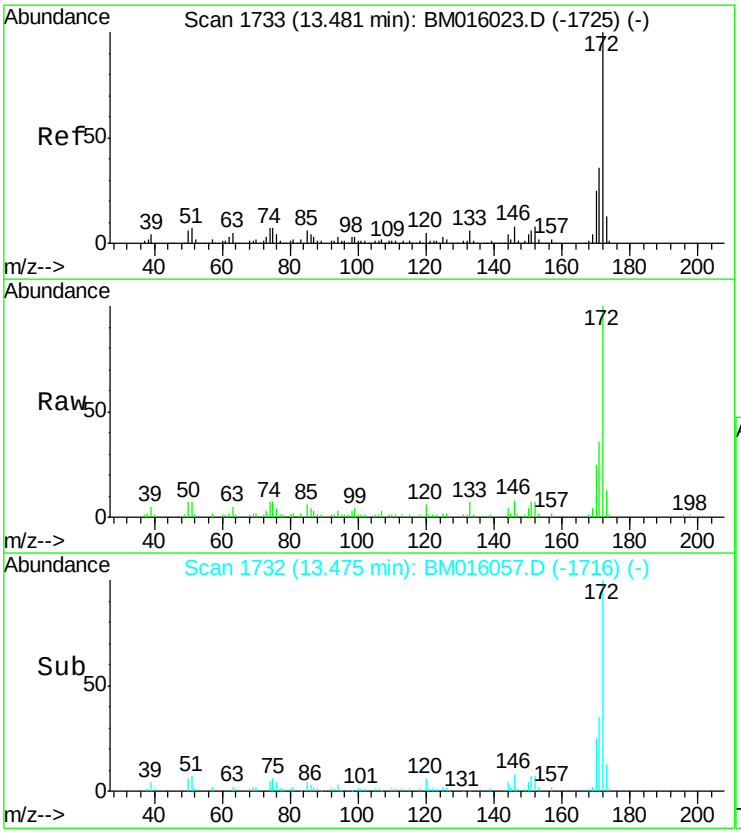
#43
2,4,5-Trichlorophenol
Concen: 22.506 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:196 Resp: 35477

Ion	Ratio	Lower	Upper
196	100		
198	91.0	79.4	119.0
97	68.9	26.8	40.2#
132	28.2	18.6	28.0#

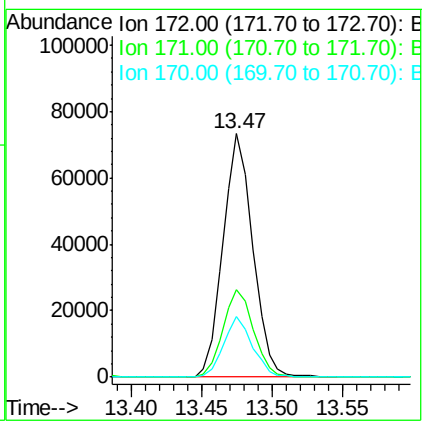


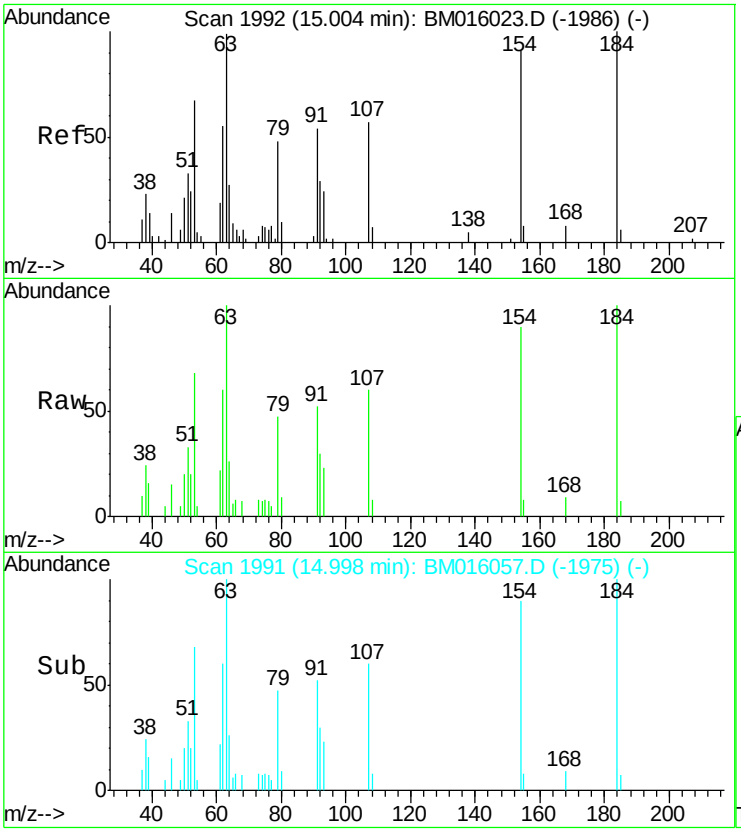


#44
2-Fluorobiphenyl
Concen: 22.506 ng
RT: 13.47 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion:172 Resp: 107763

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.7	18.8	28.2



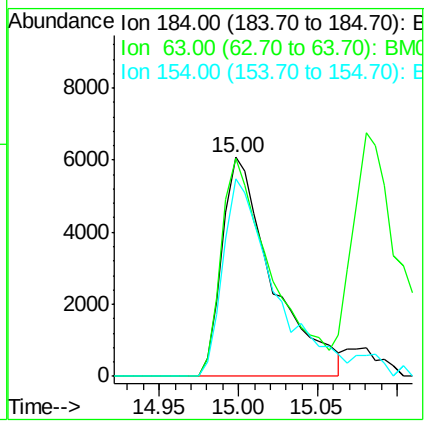


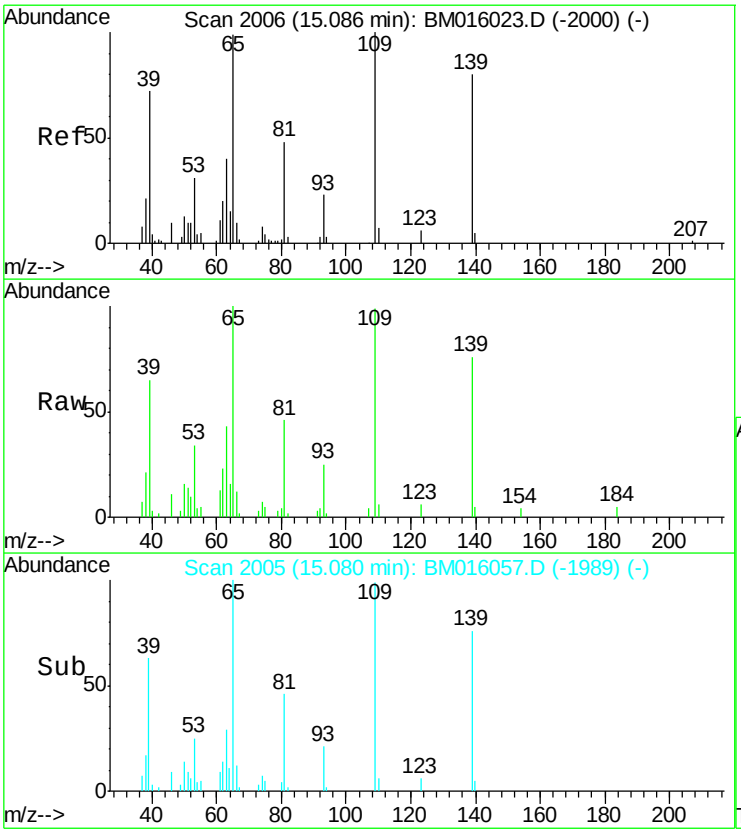
#53
2,4-Dinitrophenol
Concen: 29.003 ng
RT: 15.00 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:184 Resp: 13442

Ion	Ratio	Lower	Upper
184	100		
63	99.6	69.2	103.8
154	90.1	53.3	79.9#

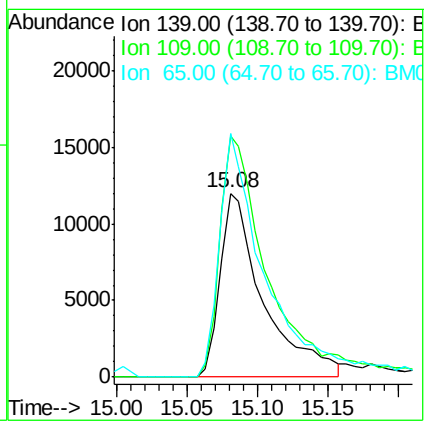


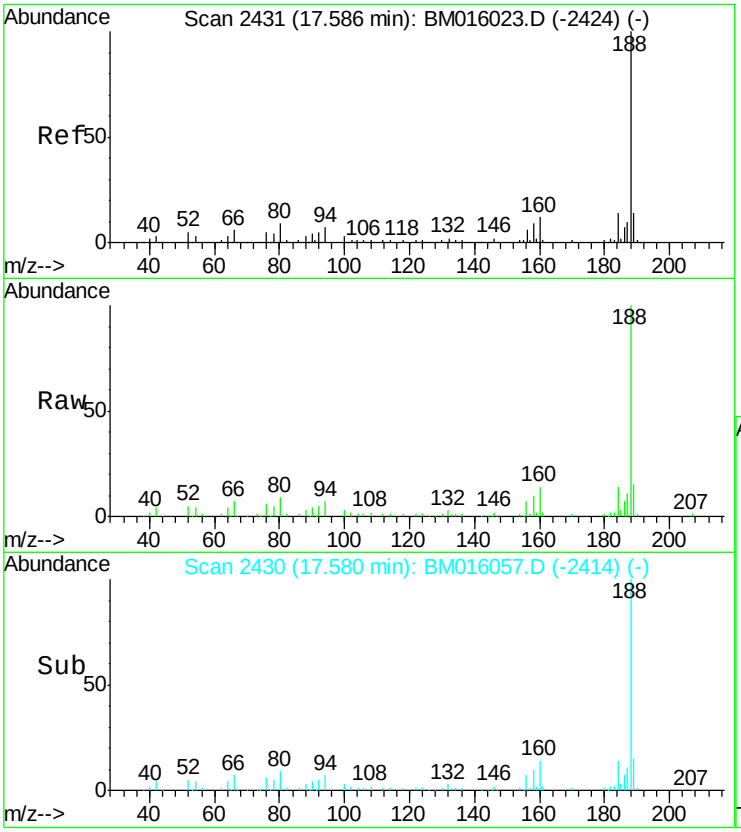


#55
4-Nitrophenol
Concen: 26.138 ng
RT: 15.08 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion:139 Resp: 25568

Ion	Ratio	Lower	Upper
139	100		
109	130.9	130.0	170.0
65	132.3	130.0	170.0



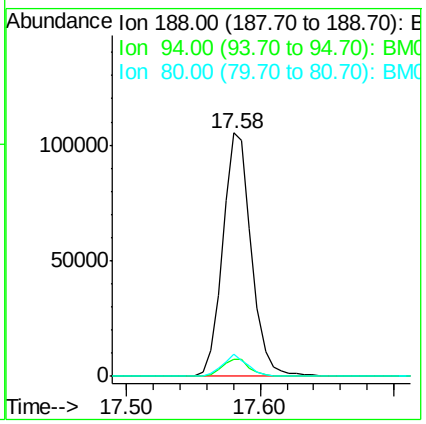


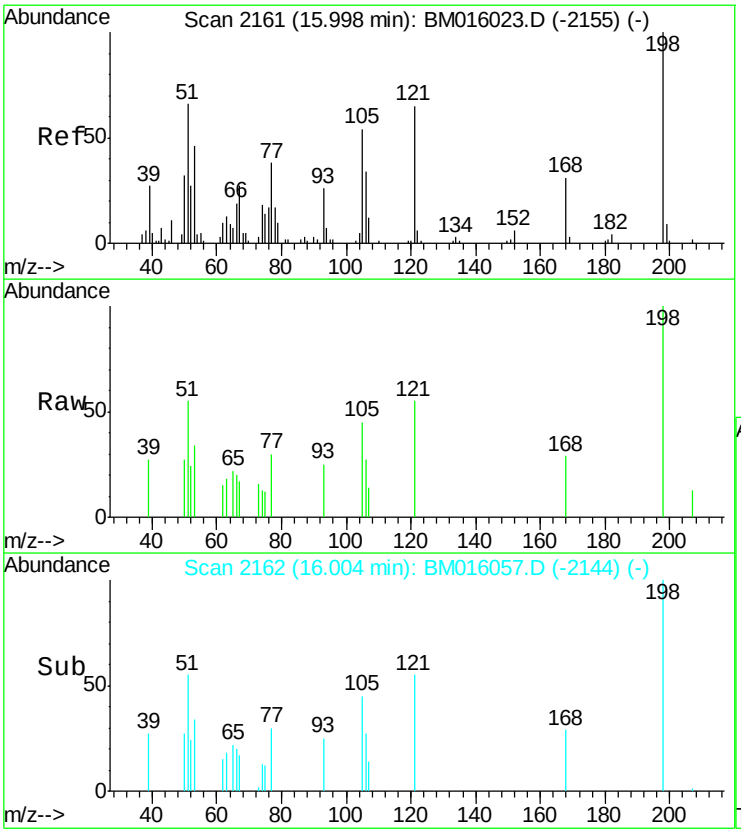
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.58 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:188 Resp: 157637

Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.7	13.1#
80	8.9	9.3	13.9#

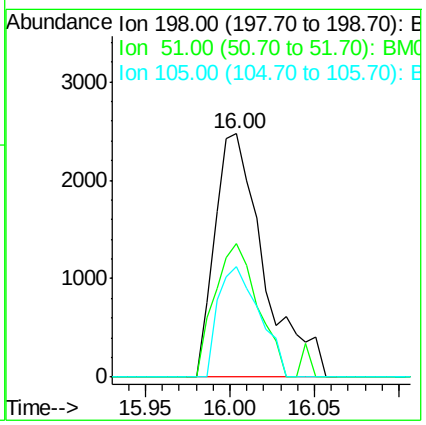


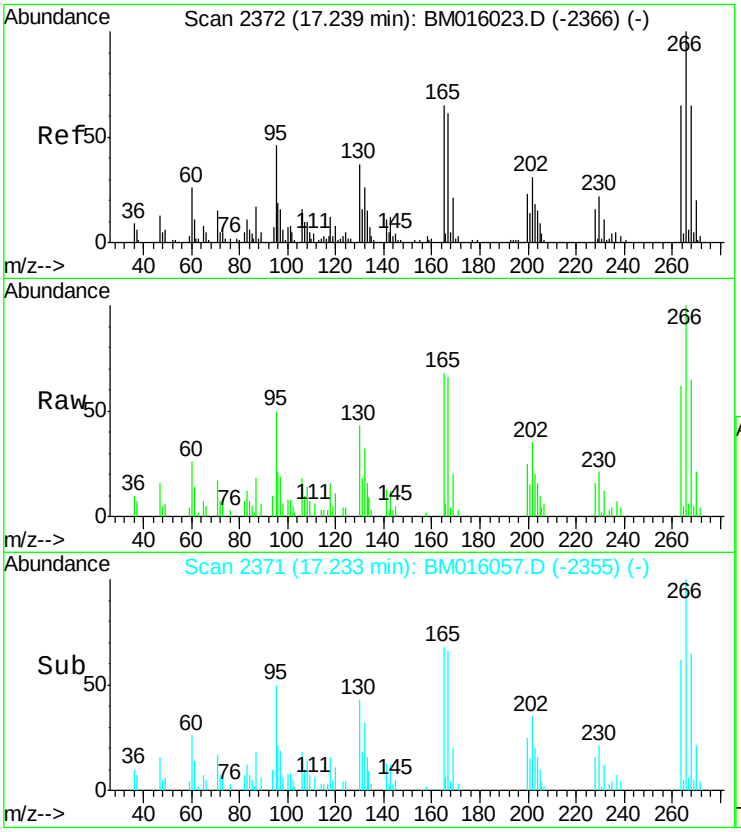


#64
4,6-Dinitro-2-methylphenol
Concen: 5.230 ng
RT: 16.00 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion:198 Resp: 5004

Ion	Ratio	Lower	Upper
198	100		
51	54.9	28.8	68.8
105	45.5	30.5	70.5



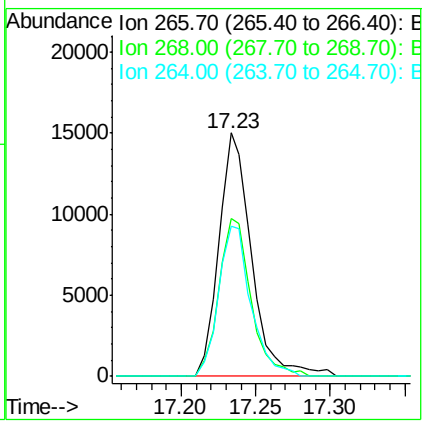


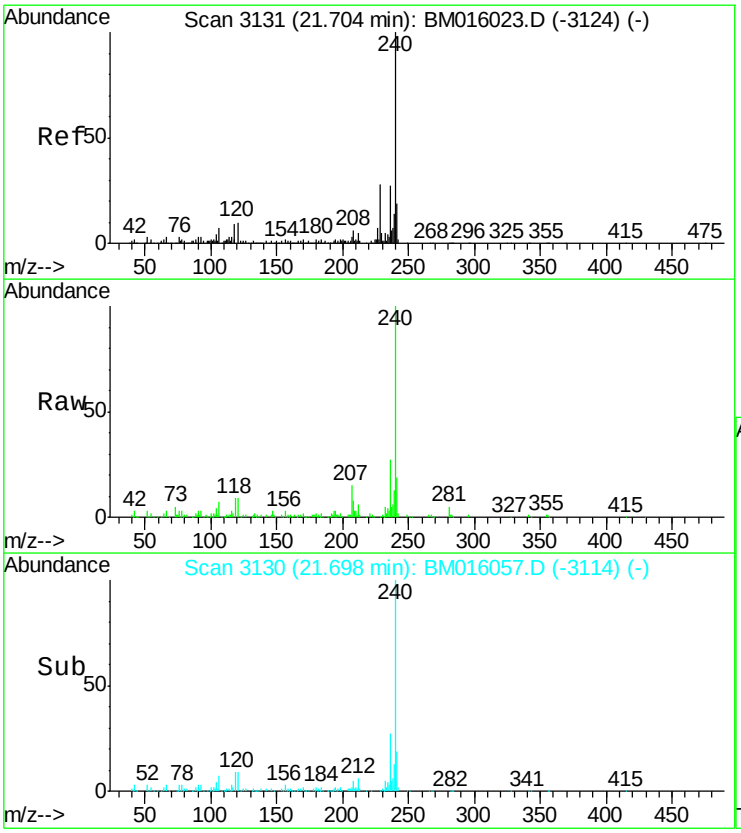
#69
Pentachlorophenol
Concen: 19.021 ng
RT: 17.23 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:266 Resp: 23153

Ion	Ratio	Lower	Upper
266	100		
268	64.8	52.0	78.0
264	61.6	49.0	73.4

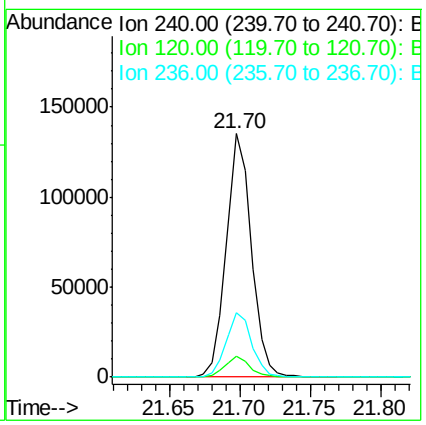


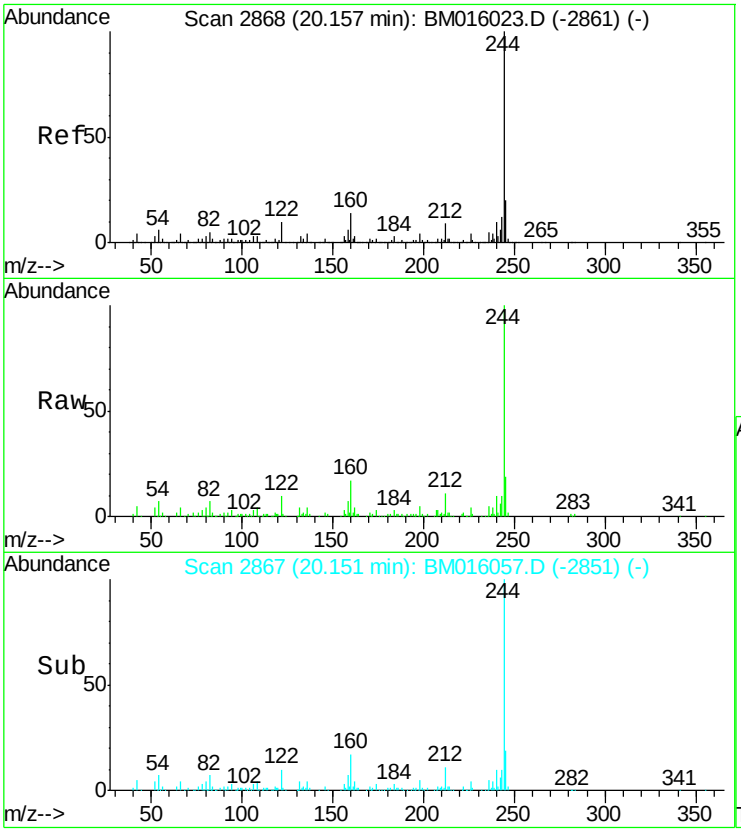


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion:240 Resp: 167642

Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.2	12.2
236	26.7	20.0	30.0



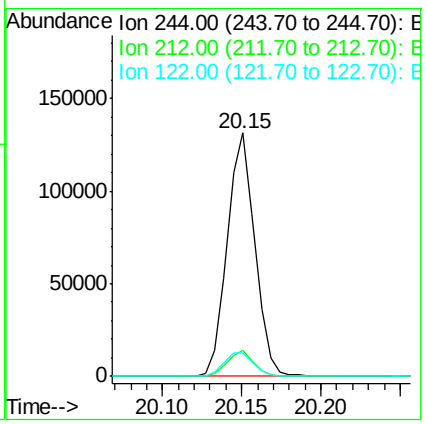


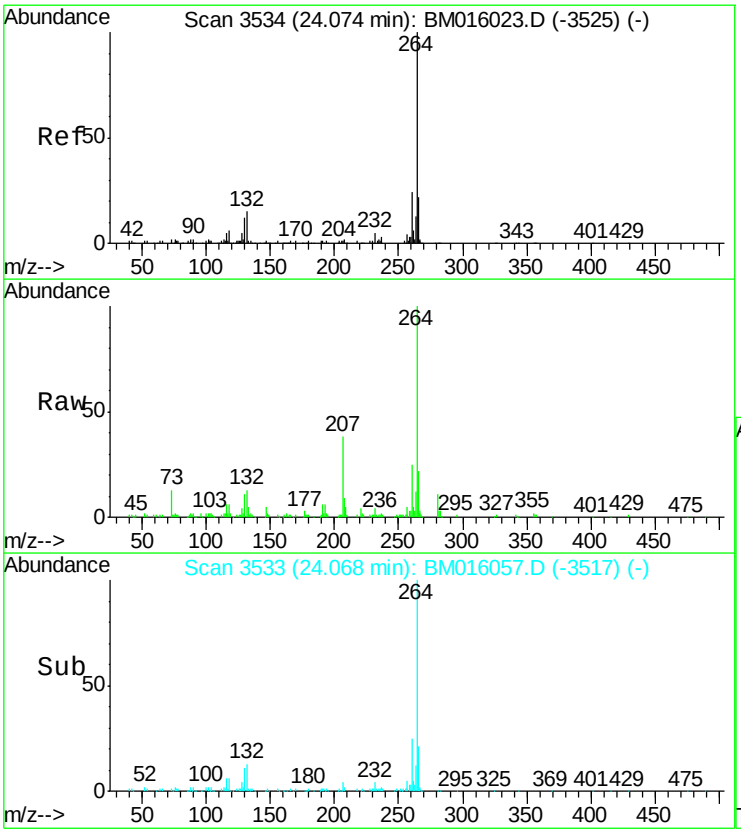
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.15 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:244 Resp: 158384

Ion	Ratio	Lower	Upper
244	100		
212	10.9	4.9	7.3#
122	9.9	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.07 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BM016057.D
Acq: 24 Jul 2018 16:02

Tgt Ion:264 Resp: 183208

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	21.9	17.3	25.9