Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019525.D
Acq On : 28 Mar 2019 03:31
Operator : JU/SJ
Sample : K2063-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R7MSD

Quant Time: Mar 28 05:16:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 05:07:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	92594	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.37	136	402497	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.24	164	241665	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	541481	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	697366	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	921316	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	7740	3.27	ng/uL	-0.01
5) Phenol-d5	6.79	99	91478	11.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	172309	31.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	167707	26.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	121614	19.65	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	149585	52.10	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	113275	35.45	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	190483	31.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	3989	0.55	ng/ul	0.03
44) Dimethylphthalate-d6	13.67	166	625145	32.06	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	762033	31.25	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.47	143	201	0.07	ng/ul	-0.03
58) Fluorene-d10	15.24	176	516589	30.75	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	107136	29.92	ng/ul	-0.01
71) Anthracene-d10	17.10	188	835500	32.15	ng/ul	-0.01
79) Pyrene-d10	19.41	212	965537	29.97	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.28	264	1408847	28.84	ng/ul	-0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.73	77	771816	130.675	ng/ul#	1
6) Phenol	6.82	94	109431	12.718	ng/ul#	1
10) 2-Chlorophenol	7.16	128	169201	26.634	ng/ul	96
11) 2-Methylphenol	8.05	108	39327	6.554	ng/ul	97
14) Acetophenone	8.42	105	276464	27.428	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.40	70	197437	34.953	ng/ul#	90
16) 4-Methylphenol	8.37	108	34420	5.230	ng/ul	91
17) Hexachloroethane	8.67	117	567622	212.597	ng/ul#	1
24) 2,4-Dimethylphenol	9.57	107	80954	10.569	ng/ul#	68
25) Bis(2-Chloroethoxy)methane	9.82	93	77931	8.808	ng/ul#	65
28) Naphthalene	10.43	128	13729951	658.477	ng/ul	97
33) 4-Chloro-3-methylphenol	11.69	107	264016	41.108	ng/ul#	87
34) 2-Methylnaphthalene	12.04	142	2590169	177.282	ng/ul	99
35) 1-Methylnaphthalene	12.26	142	1244016	90.177	ng/ul	97
41) 1,1'-Biphenyl	13.07	154	38968	1.893	ng/ul#	93
50) Acenaphthene	14.31	153	516143	30.326	ng/ul	98
53) 4-Nitrophenol	14.52	109	24996	10.449	ng/ul#	74
55) 2,4-Dinitrotoluene	14.64	165	190610	35.838	ng/ul	88
57) Diethylphthalate	15.08	149	22139	1.150	ng/ul	98
69) Pentachlorophenol	16.66	266	139570	37.501	ng/ul	98
80) Pyrene	19.44	202	1270301	30.278	ng/ul#	81

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019525.D
Acq On : 28 Mar 2019 03:31
Operator : JU/SJ
Sample : K2063-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Quant Time: Mar 28 05:16:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 05:07:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019525.D
Acq On : 28 Mar 2019 03:31
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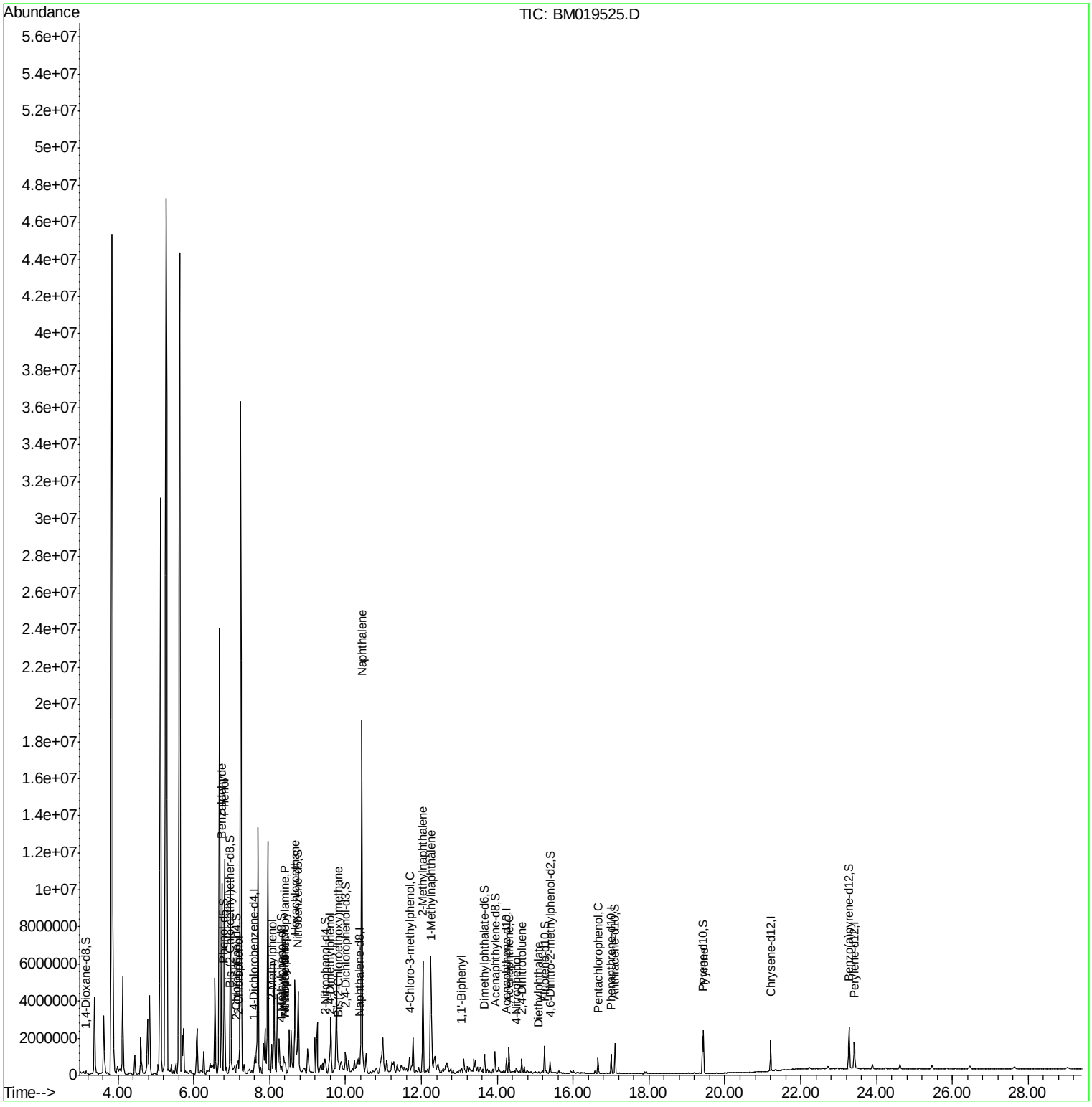
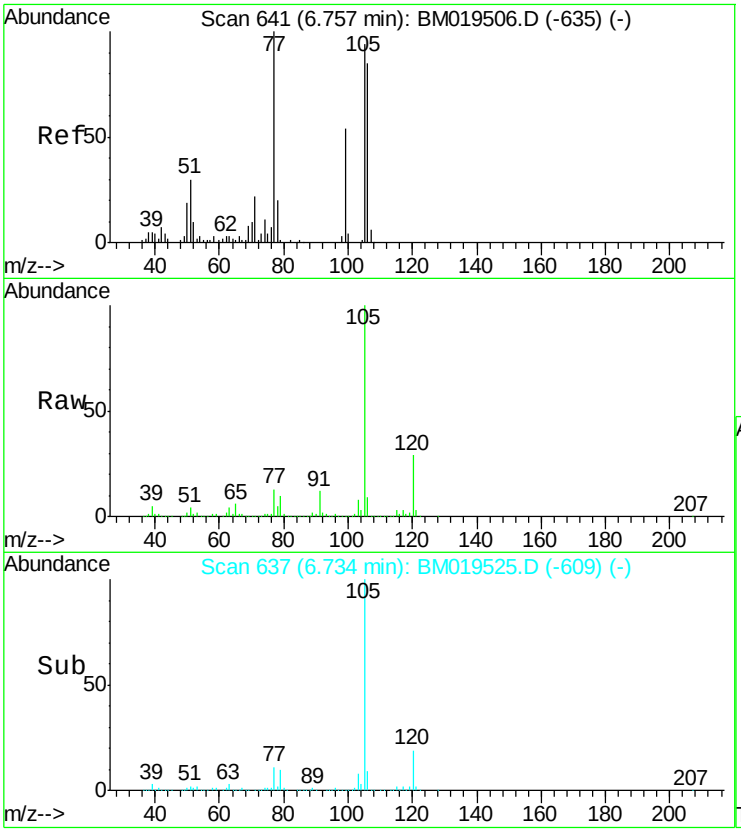
Quant Time: Mar 28 05:16:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 05:07:19 2019
Response via : Initial Calibration



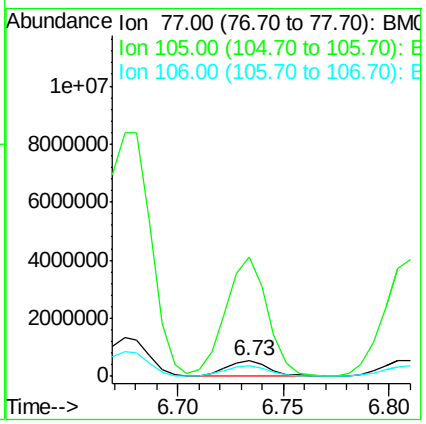


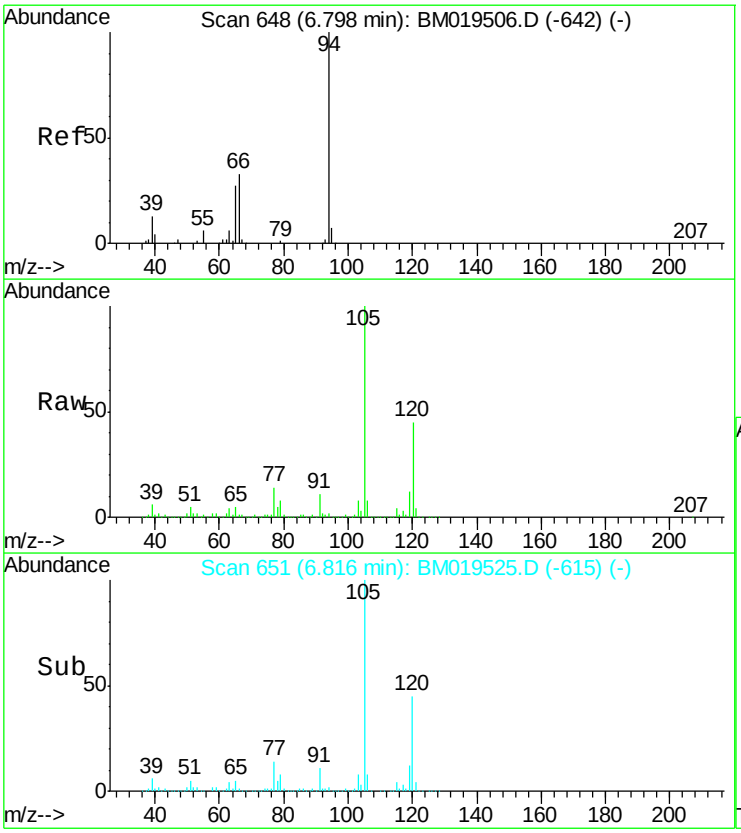
#4
Benzaldehyde
Concen: 130.675 ng/ul
RT: 6.73 min Scan# 637
Delta R.T. -0.04 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Tgt Ion: 77 Resp: 771816

Ion	Ratio	Lower	Upper
77	100		
105	763.5	71.0	106.6#
106	68.0	69.5	104.3#

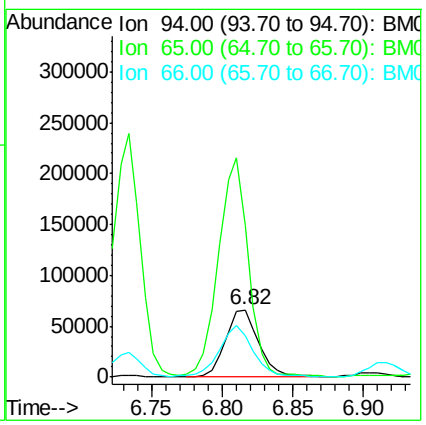


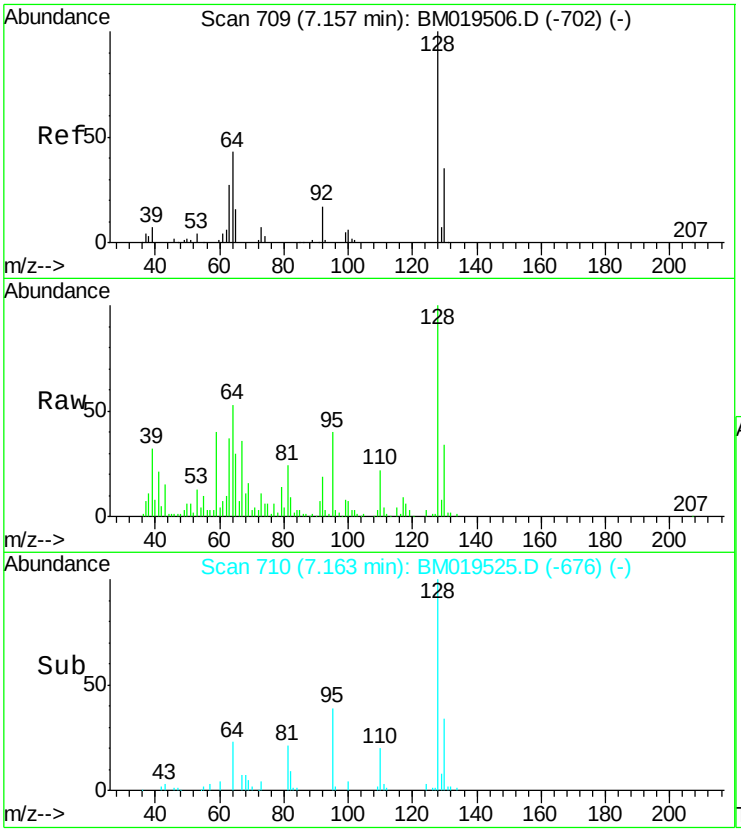


#6
Phenol
Concen: 12.718 ng/ul
RT: 6.82 min Scan# 651
Delta R.T. 0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Tgt Ion: 94 Resp: 109431

Ion	Ratio	Lower	Upper
94	100		
65	227.1	23.0	34.6#
66	61.1	30.4	45.6#



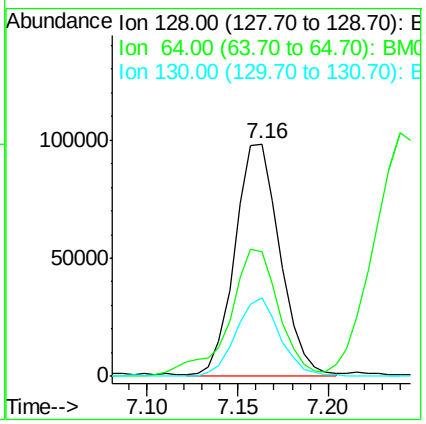


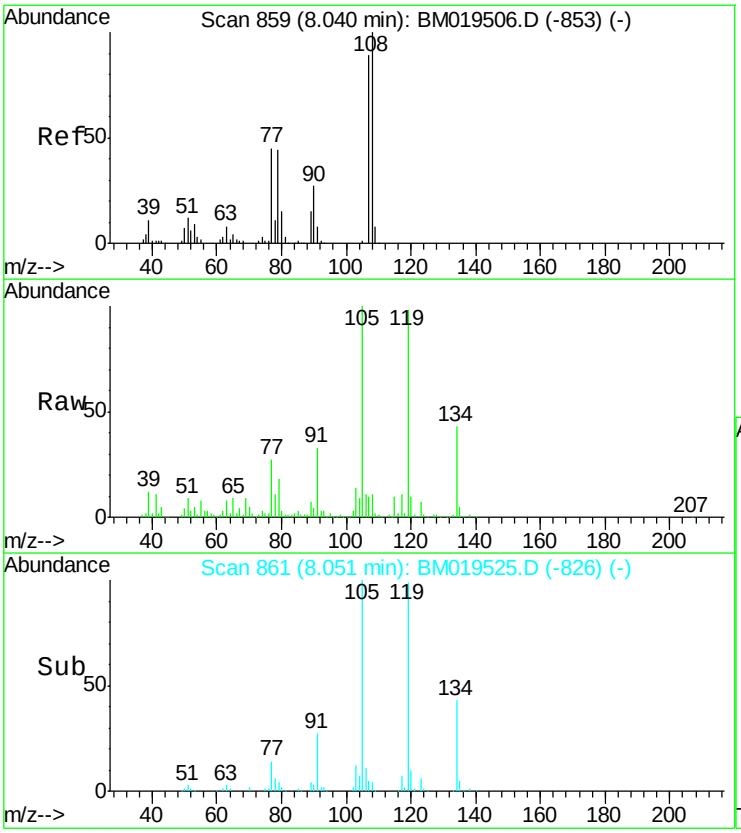
#10
2-Chlorophenol
Concen: 26.634 ng/ul
RT: 7.16 min Scan# 710
Delta R.T. -0.00 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Tgt Ion:128 Resp: 169201

Ion	Ratio	Lower	Upper
128	100		
64	53.4	39.8	59.6
130	33.7	25.8	38.8

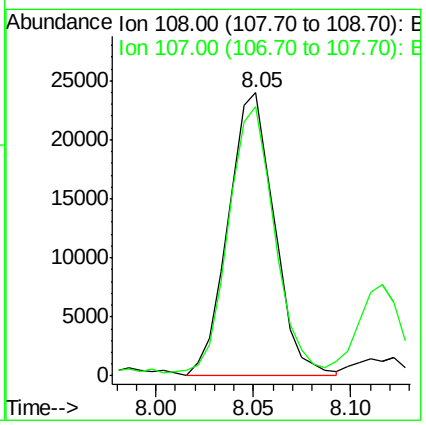


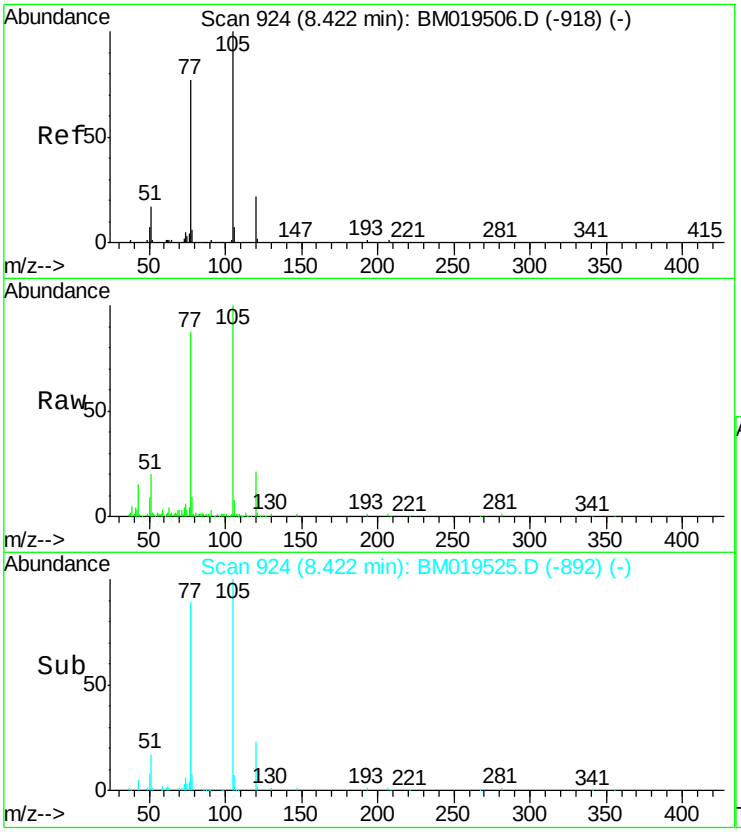


#11
2-Methylphenol
Concen: 6.554 ng/ul
RT: 8.05 min Scan# 861
Delta R.T. 0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Tgt Ion:108 Resp: 39327

Ion	Ratio	Lower	Upper
108	100		
107	95.0	74.1	111.1



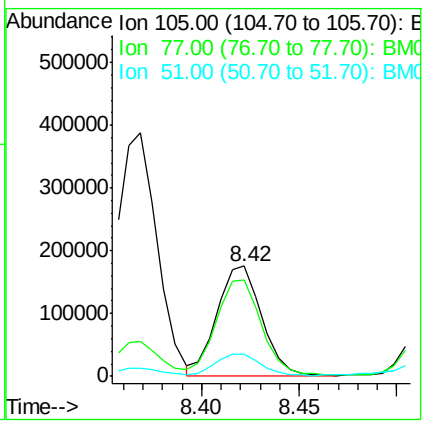


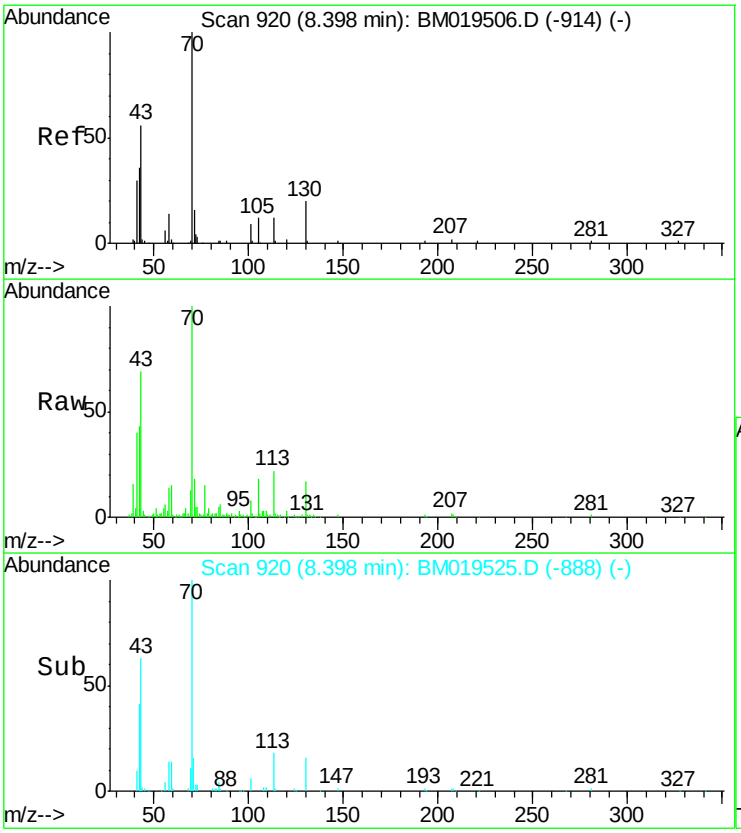
#14
Acetophenone
Concen: 27.428 ng/ul
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Tgt Ion:105 Resp: 276464

Ion	Ratio	Lower	Upper
105	100		
77	87.2	63.2	94.8
51	20.1	19.8	29.8

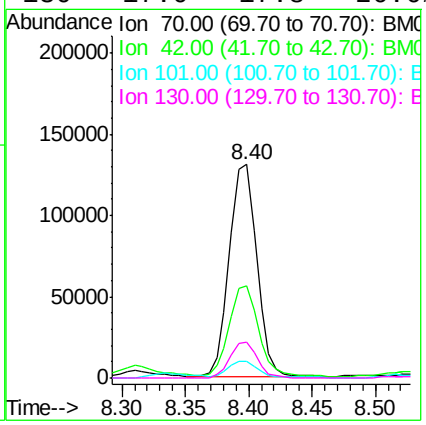


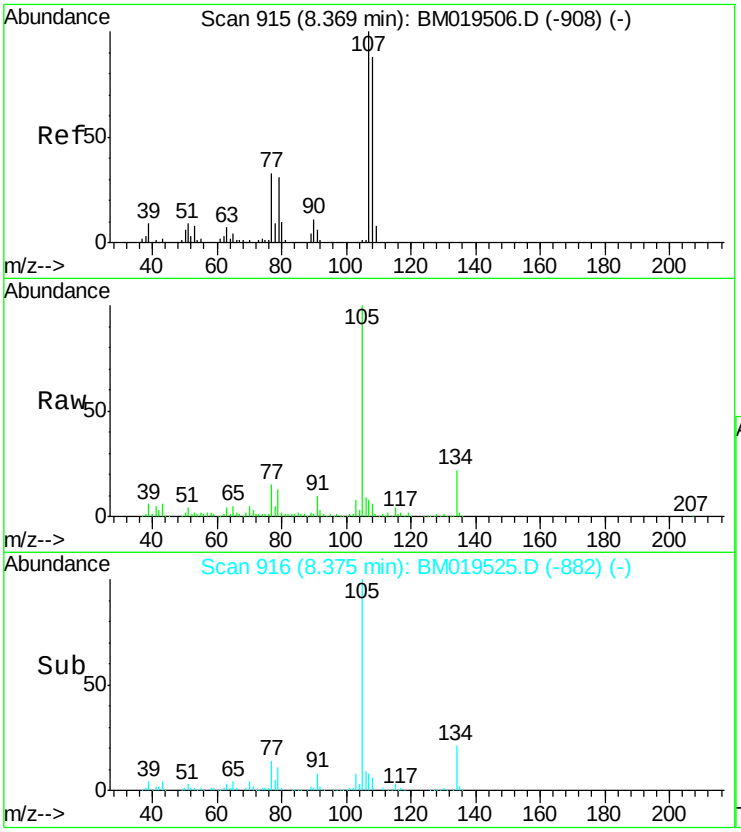


#15
N-Nitroso-di-n-propylamine
Concen: 34.953 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Tgt Ion: 70 Resp: 197437

Ion	Ratio	Lower	Upper
70	100		
42	43.3	40.2	60.4
101	8.1	7.7	11.5
130	17.0	17.8	26.6#



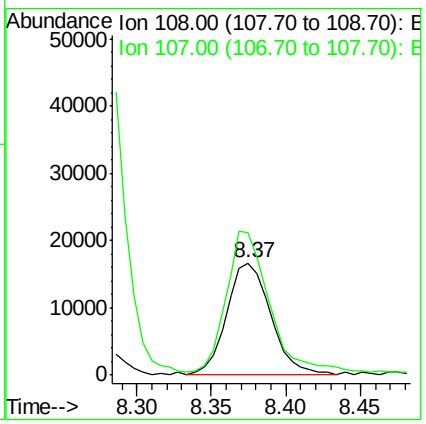


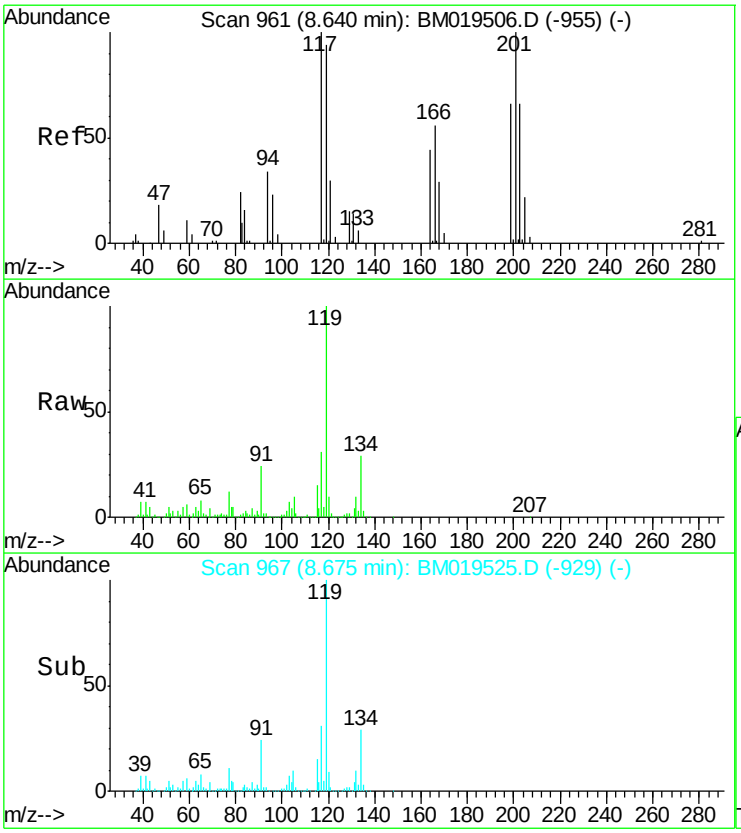
#16
4-Methylphenol
Concen: 5.230 ng/ul
RT: 8.37 min Scan# 916
Delta R.T. -0.00 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Tgt Ion:108 Resp: 34420

Ion	Ratio	Lower	Upper
108	100		
107	127.2	93.6	140.4

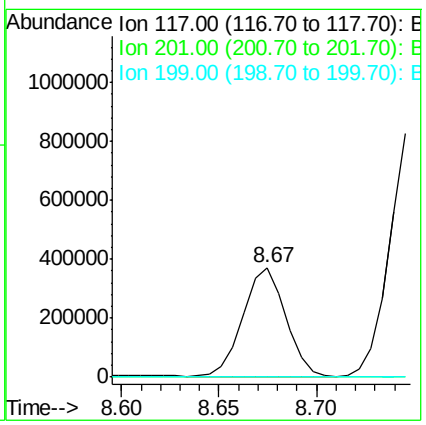


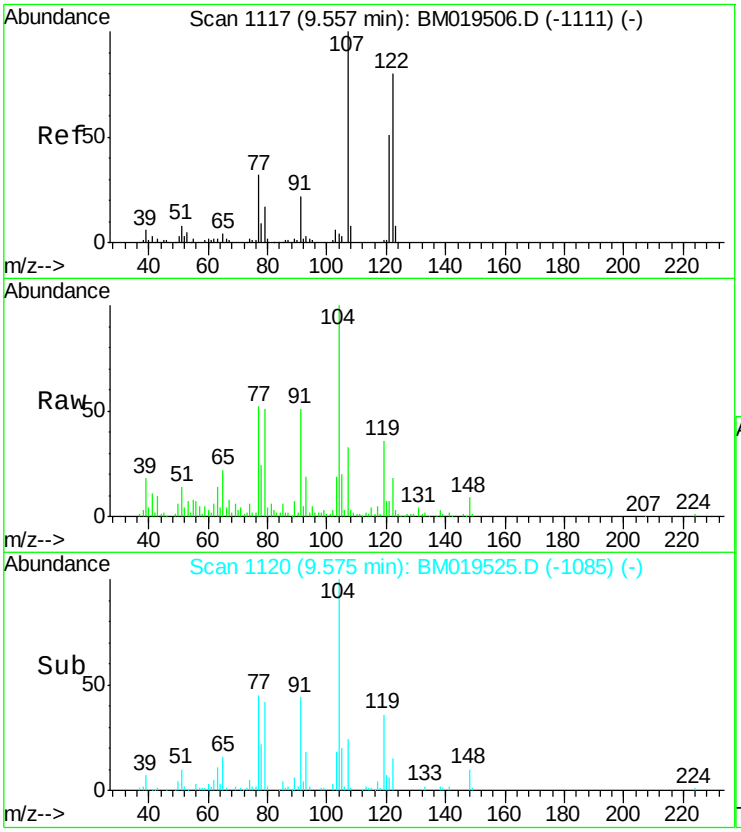


#17
Hexachloroethane
Concen: 212.597 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. 0.02 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Tgt Ion:117 Resp: 567622

Ion	Ratio	Lower	Upper
117	100		
201	0.0	96.1	144.1#
199	0.0	59.7	89.5#



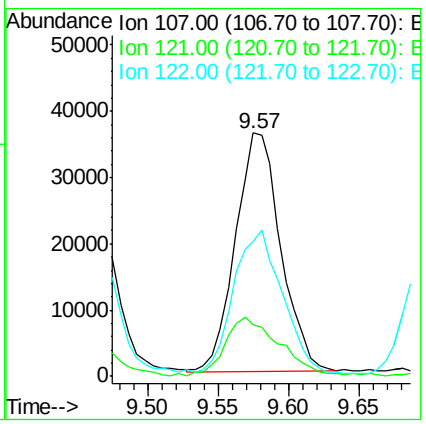


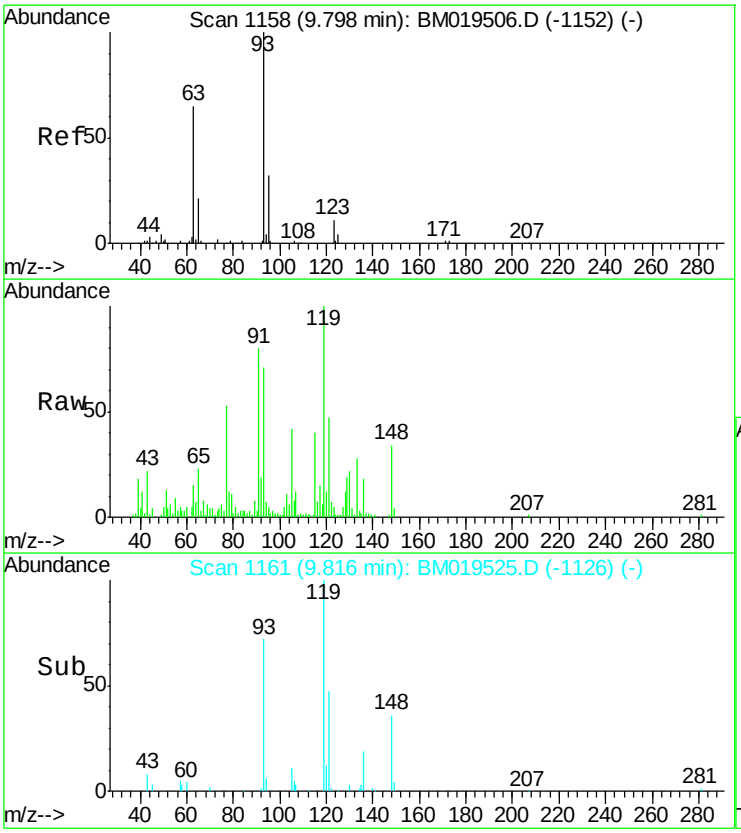
#24
2,4-Dimethylphenol
Concen: 10.569 ng/ul
RT: 9.57 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Tgt Ion:107 Resp: 80954

Ion	Ratio	Lower	Upper
107	100		
121	21.0	38.1	57.1#
122	55.6	63.8	95.8#

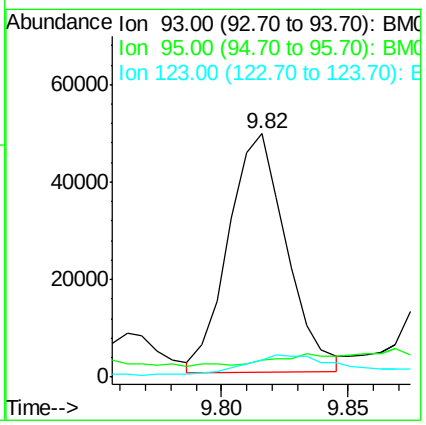


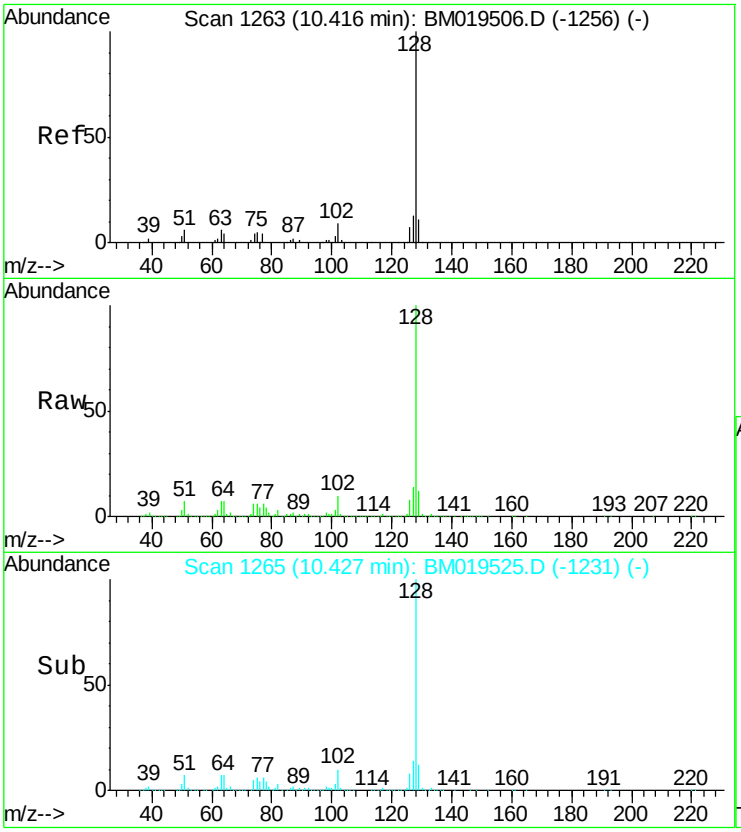


#25
Bis(2-Chloroethoxy)methane
Concen: 8.808 ng/ul
RT: 9.82 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Tgt Ion: 93 Resp: 77931

Ion	Ratio	Lower	Upper
93	100		
95	6.9	24.7	37.1#
123	7.2	8.2	12.2#



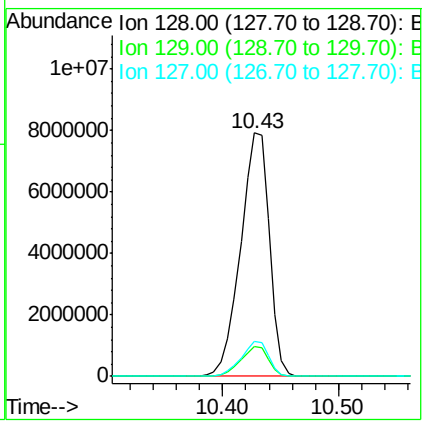


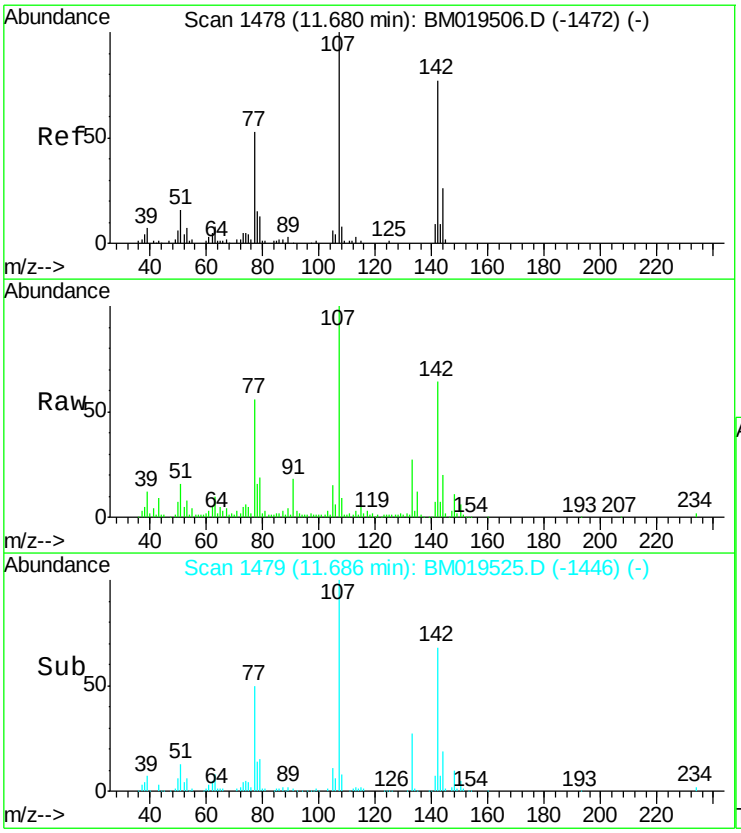
#28
Naphthalene
Concen: 658.477 ng/ul
RT: 10.43 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Tgt Ion:128 Resp:13729951

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.3	12.5
127	14.2	10.8	16.2

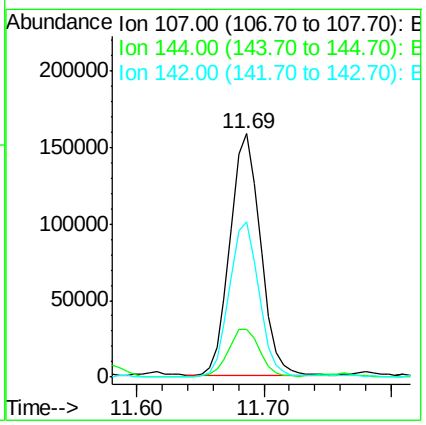


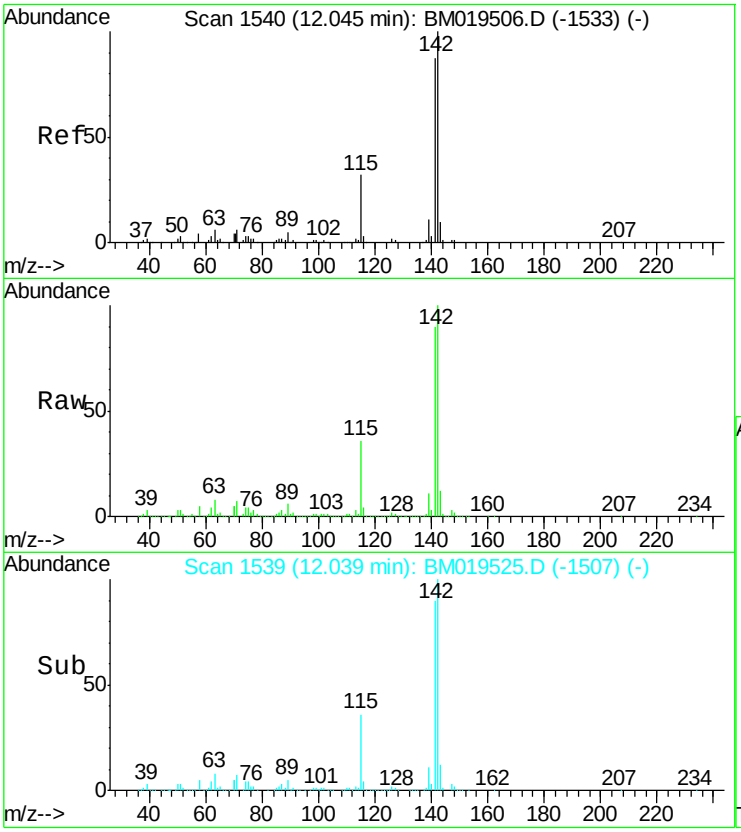


#33
4-Chloro-3-methylphenol
Concen: 41.108 ng/ul
RT: 11.69 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Tgt Ion:107 Resp: 264016

Ion	Ratio	Lower	Upper
107	100		
144	19.6	21.1	31.7#
142	63.6	60.1	90.1



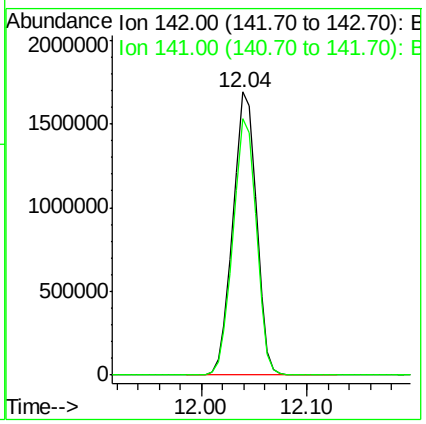


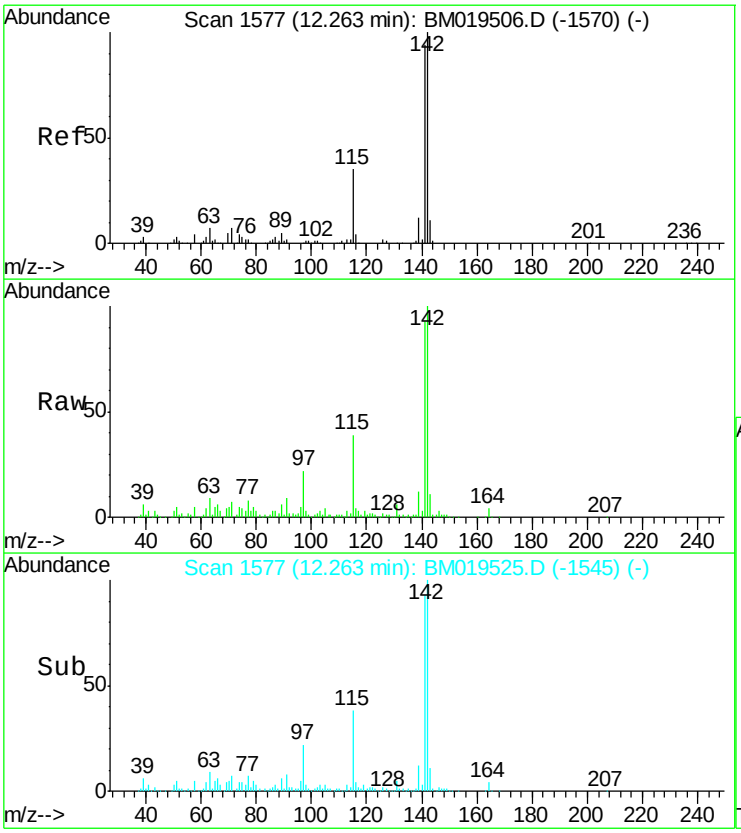
#34
2-Methylnaphthalene
Concen: 177.282 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Tgt Ion:142 Resp: 2590169

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.4	107.2

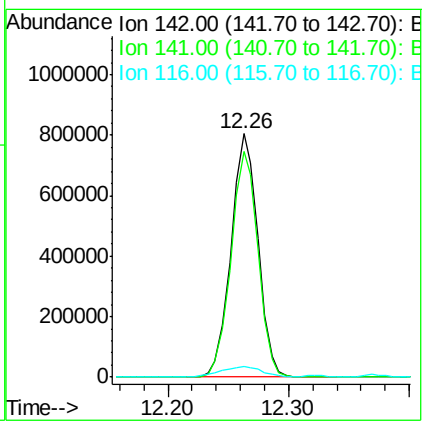


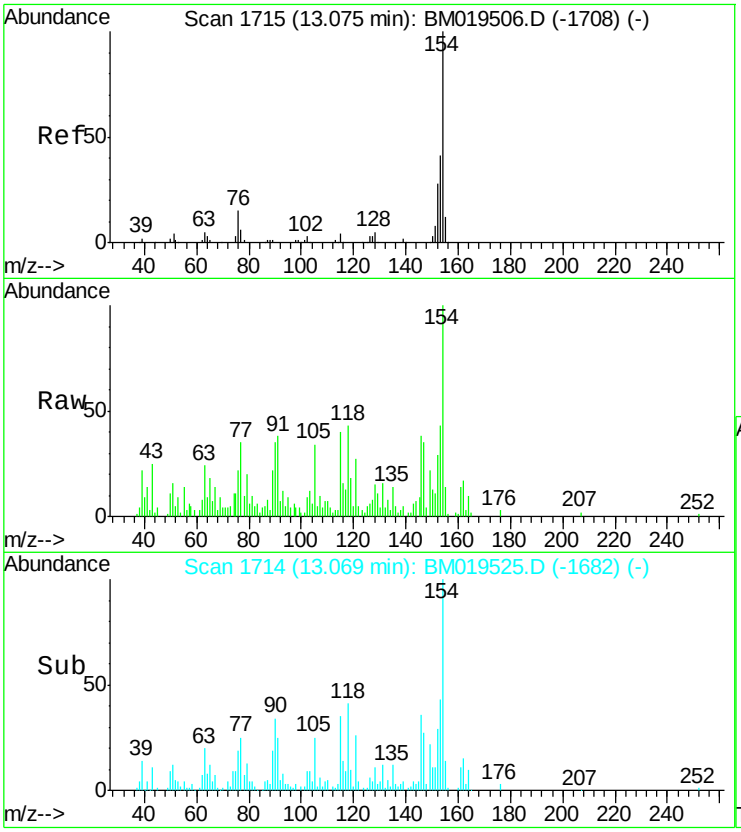


#35
1-Methylnaphthalene
Concen: 90.177 ng/ul
RT: 12.26 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Tgt Ion:142 Resp: 1244016

Ion	Ratio	Lower	Upper
142	100		
141	92.5	76.6	115.0
116	4.3	3.6	5.4



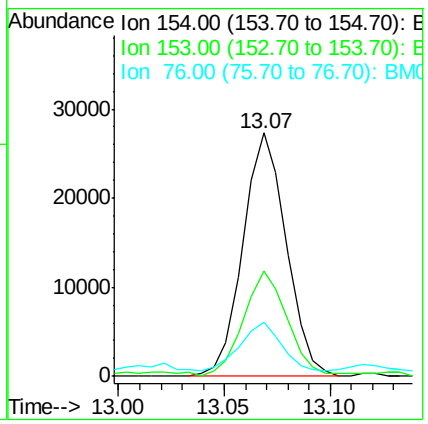


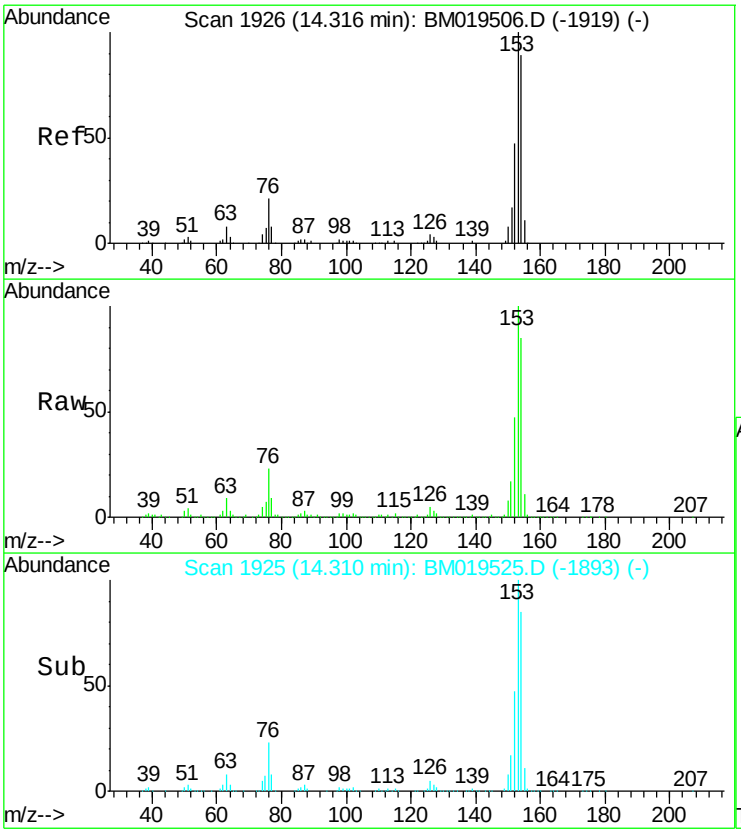
#41
1,1'-Biphenyl
Concen: 1.893 ng/ul
RT: 13.07 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Tgt Ion:154 Resp: 38968

Ion	Ratio	Lower	Upper
154	100		
153	43.1	34.0	51.0
76	22.0	8.4	12.6#

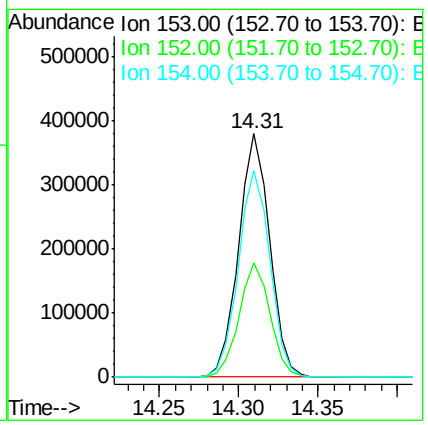


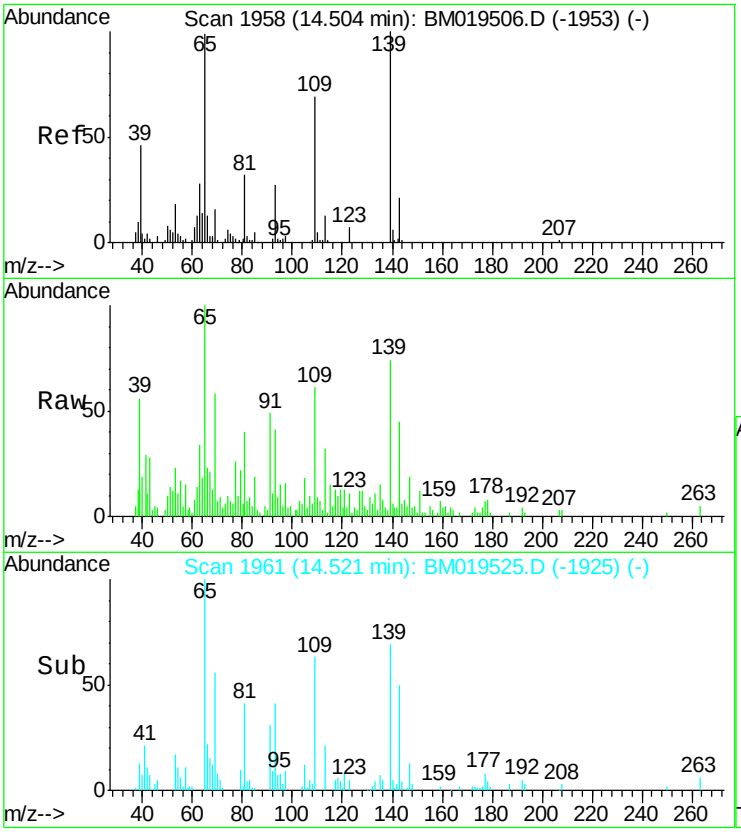


#50
Acenaphthene
Concen: 30.326 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Tgt Ion:153 Resp: 516143

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.9	56.9
154	85.1	69.8	104.6



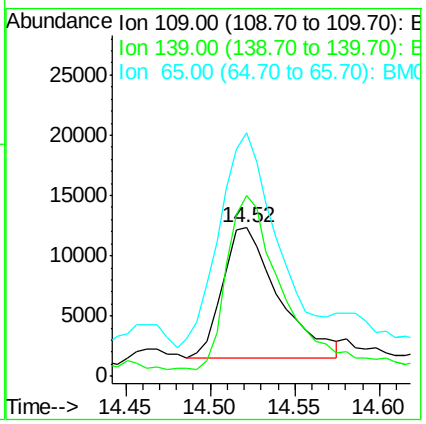


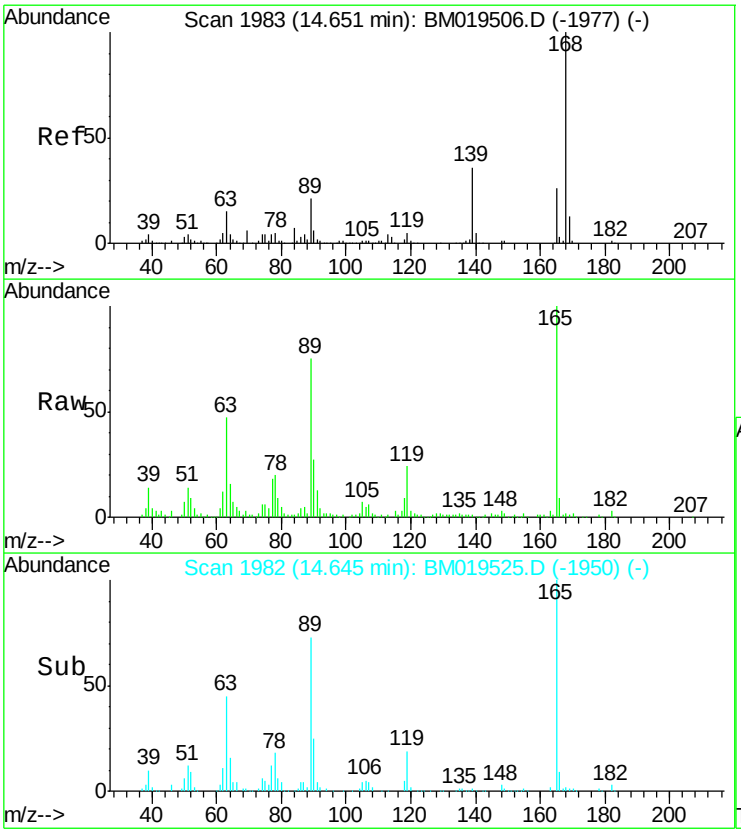
#53
4-Nitrophenol
Concen: 10.449 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Tgt Ion:109 Resp: 24996

Ion	Ratio	Lower	Upper
109	100		
139	121.9	91.2	136.8
65	163.7	92.6	139.0#

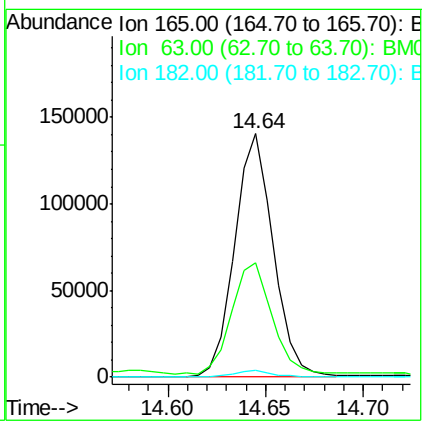


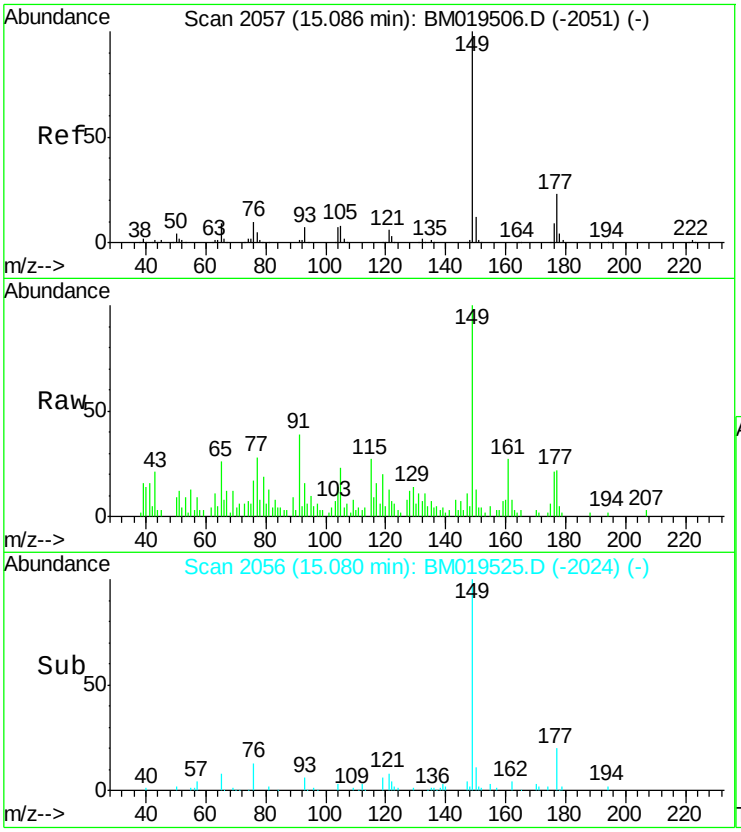


#55
2,4-Dinitrotoluene
Concen: 35.838 ng/ul
RT: 14.64 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Tgt Ion:165 Resp: 190610

Ion	Ratio	Lower	Upper
165	100		
63	46.9	31.4	47.0
182	2.8	2.7	4.1



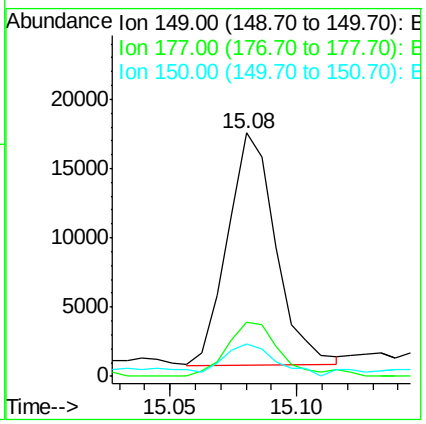


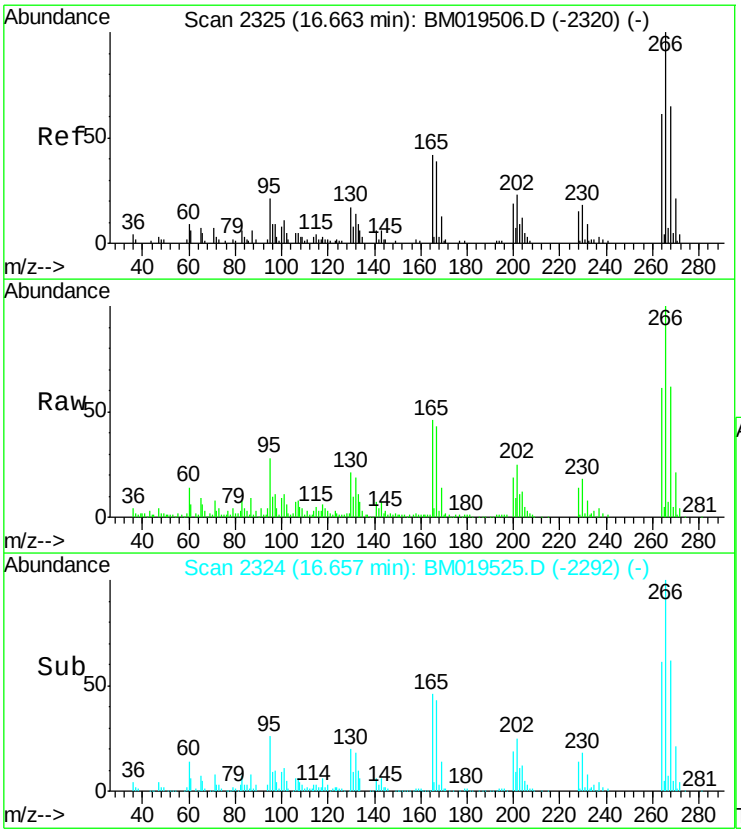
#57
Diethylphthalate
Concen: 1.150 ng/ul
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Tgt Ion:149 Resp: 22139

Ion	Ratio	Lower	Upper
149	100		
177	22.3	19.3	28.9
150	13.1	10.6	15.8

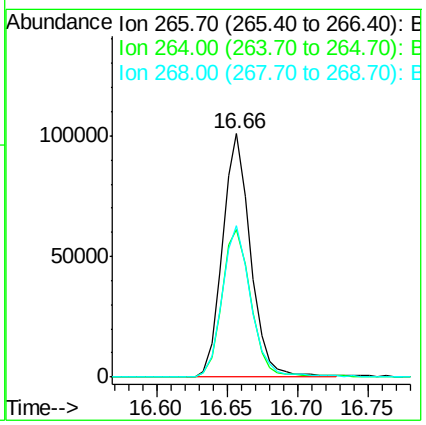


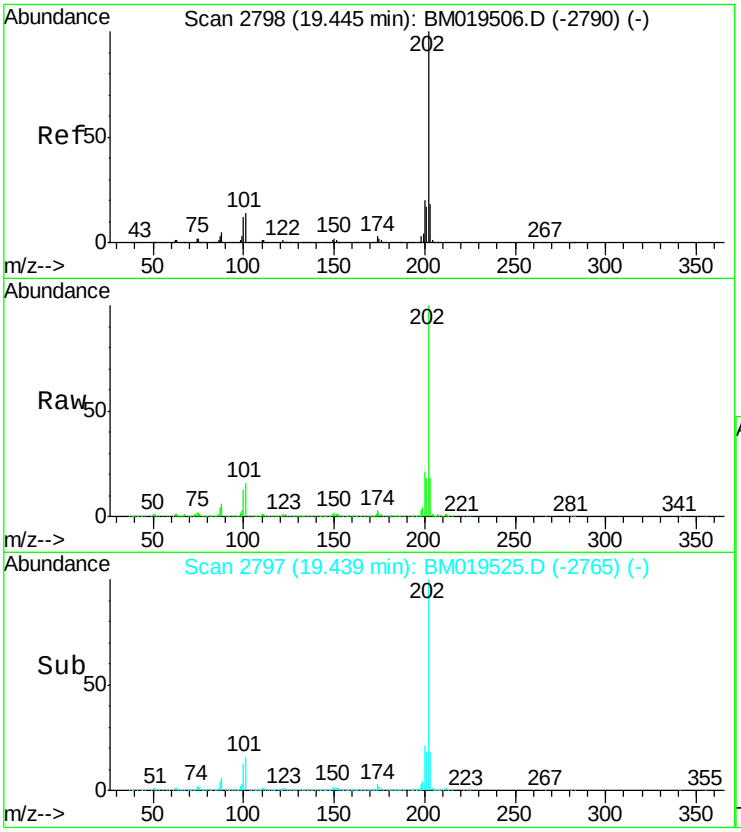


#69
Pentachlorophenol
Concen: 37.501 ng/ul
RT: 16.66 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Tgt Ion:266 Resp: 139570

Ion	Ratio	Lower	Upper
266	100		
264	60.8	48.2	72.4
268	62.1	52.3	78.5





#80
Pyrene
Concen: 30.278 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM019525.D
Acq: 28 Mar 2019 03:31

Instrument :
BNA_M
ClientSampleId :
DB6R7MSD

Tgt Ion:202 Resp: 1270301

Ion	Ratio	Lower	Upper
202	100		
101	16.1	6.9	10.3#
100	13.1	5.6	8.4#