Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Quant Time: Nov 17 00:47:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 16 17:13:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	134815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	548717	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	326635	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	766592	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	868670	20.00	ng/ul	0.00
83) Perylene-d12	23.54	264	900252	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	15563	5.35	ng/uL	0.00
5) Phenol-d5	6.89	99	319857	27.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	174981	26.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	253729	27.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	268473	28.07	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	112464	28.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	110957	29.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	257528	27.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	326928	33.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	829116	28.94	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1009056	27.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	126653	29.14	ng/ul	0.00
57) Fluorene-d10	15.37	176	701244	28.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	83699	25.18	ng/ul	0.00
70) Anthracene-d10	17.22	188	1185672	30.21	ng/ul	0.00
76) Pyrene-d10	19.51	212	1372779	30.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	1435568	31.45	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	300972	26.11	ng/ul#	83
10) 2-Chlorophenol	7.29	128	237592	25.72	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.53	70	397407	52.85	ng/ul#	67
21) Isophorone	9.45	82	326469	16.31	ng/ul	94
28) Naphthalene	10.56	128	658837	23.30	ng/ul	99
30) 4-Chloroaniline	10.56	127	82908	8.76	ng/ul#	13
31) Hexachlorobutadiene	10.85	225	318308	50.38	ng/ul	96
33) 4-Chloro-3-methylphenol	11.79	107	275180	29.44	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	136305	19.04	ng/ul	93
39) 2,4,5-Trichlorophenol	12.86	196	136305	18.21	ng/ul	92
52) 4-Nitrophenol	14.58	109	4935	1.25	ng/ul#	77
53) Dibenzofuran	14.77	168	438488	13.54	ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	194528	33.27	ng/ul	85
66) Hexachlorobenzene	16.42	284	212207	21.18	ng/ul#	92
67) Atrazine	16.76	200	40491	4.39	ng/ul#	39
68) Pentachlorophenol	16.76	266	243697	47.15	ng/ul	95
69) Phenanthrene	17.16	178	923147	21.41	ng/ul	99
71) Anthracene	17.25	178	524275	11.72	ng/ul	97
74) Fluoranthene	19.17	202	911119	17.48	ng/ul#	91
77) Pyrene	19.54	202	1005641	18.59	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.24	149	843598	25.47	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.81	276	207697	3.28	ng/ul#	79
90) Dibenzo(a,h)anthracene	25.82	278	921607	17.19	ng/ul#	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2B42

Quant Time: Nov 17 00:47:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 16 17:13:50 2017
Response via : Initial Calibration

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

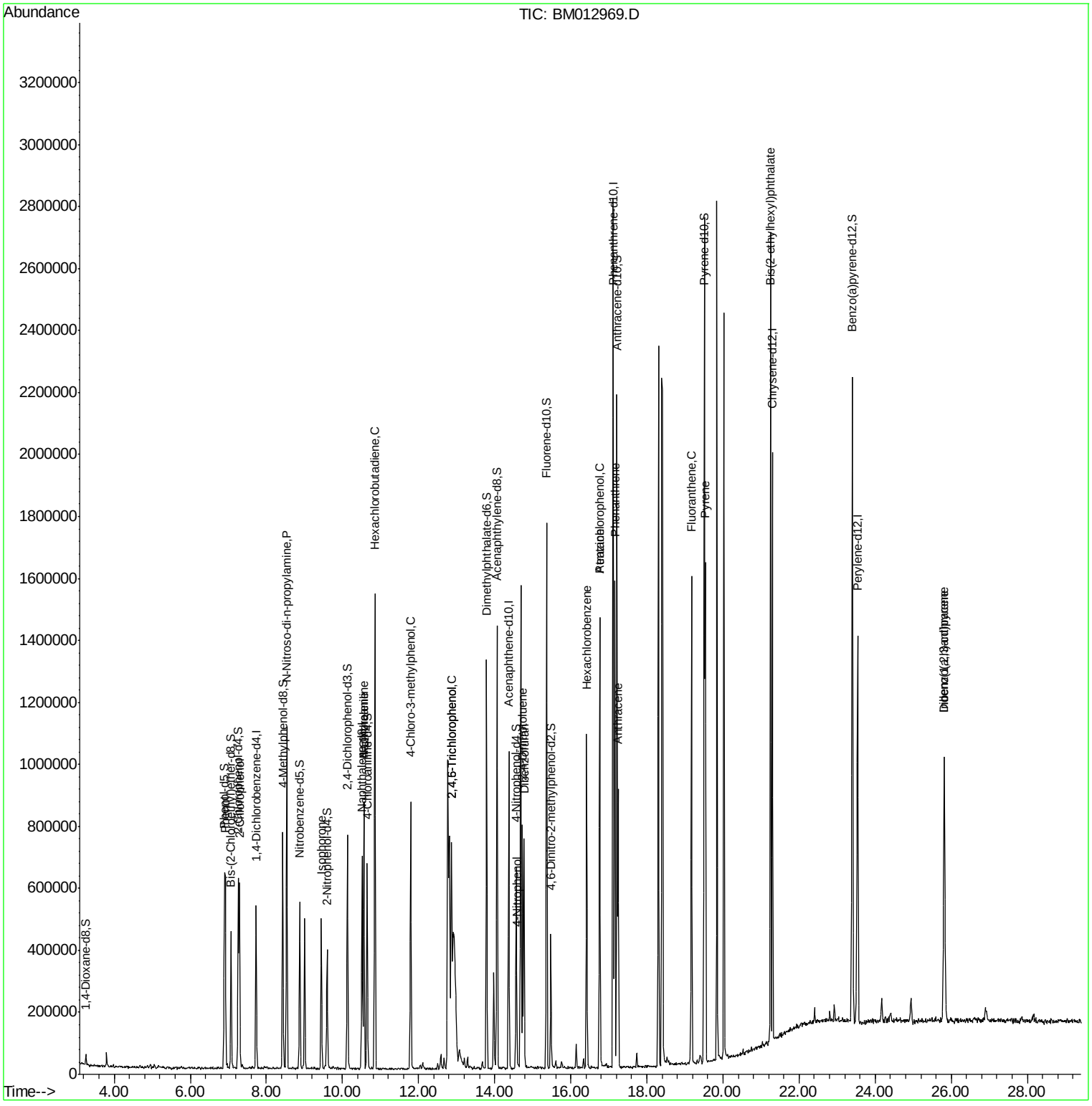
(#) = qualifier out of range (m) = manual integration (+) = signals summed

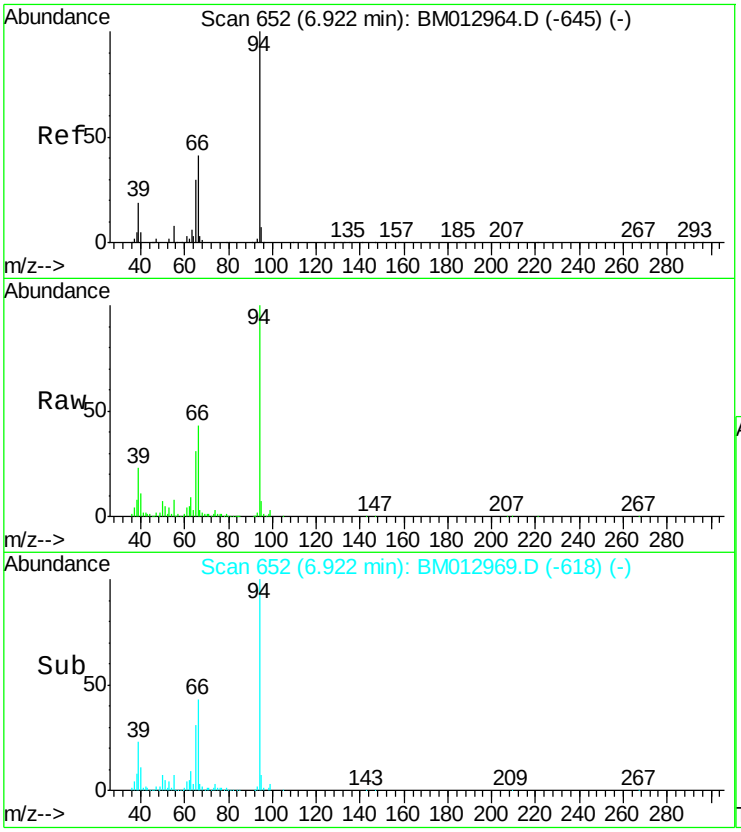
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Quant Time: Nov 17 00:47:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 16 17:13:50 2017
Response via : Initial Calibration



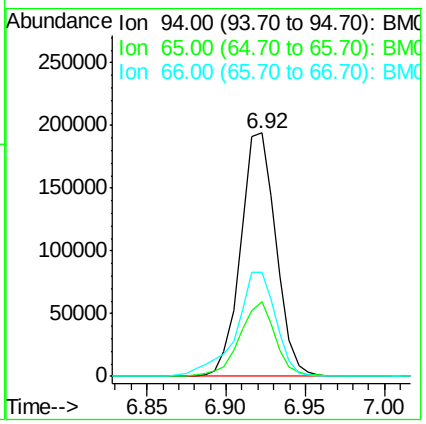


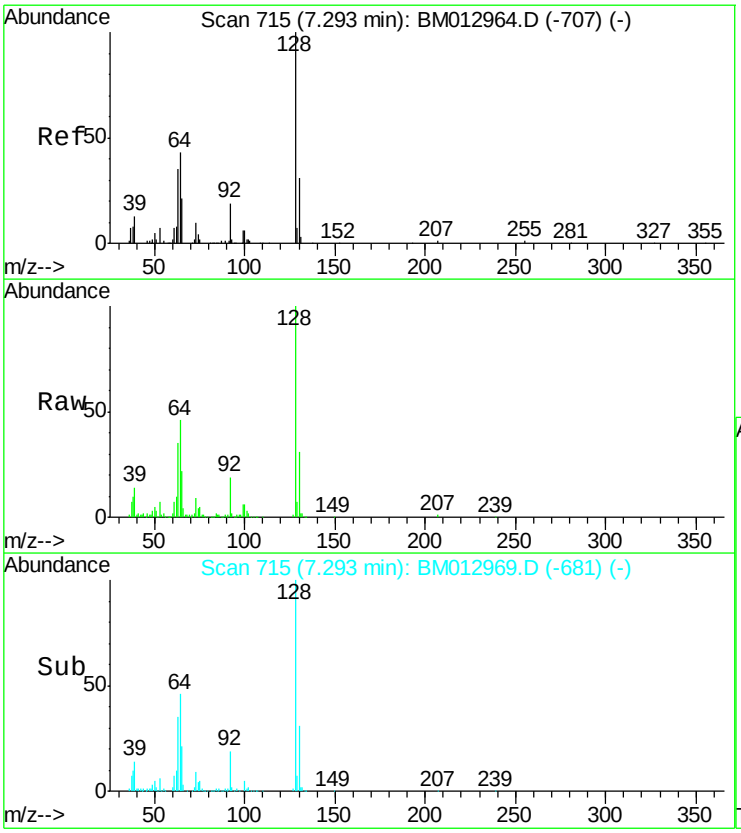
#6
Phenol
Concen: 26.11 ng/ul
RT: 6.92 min Scan# 652
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion: 94 Resp: 300972

Ion	Ratio	Lower	Upper
94	100		
65	30.6	28.2	42.4
66	42.8	47.2	70.8#

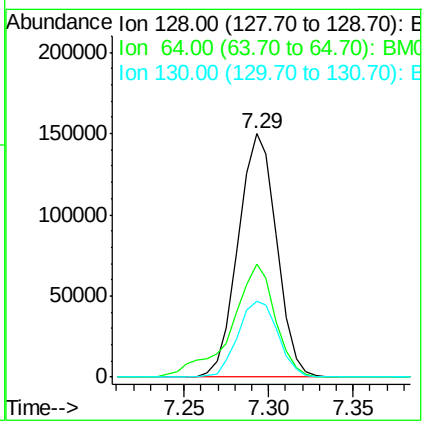


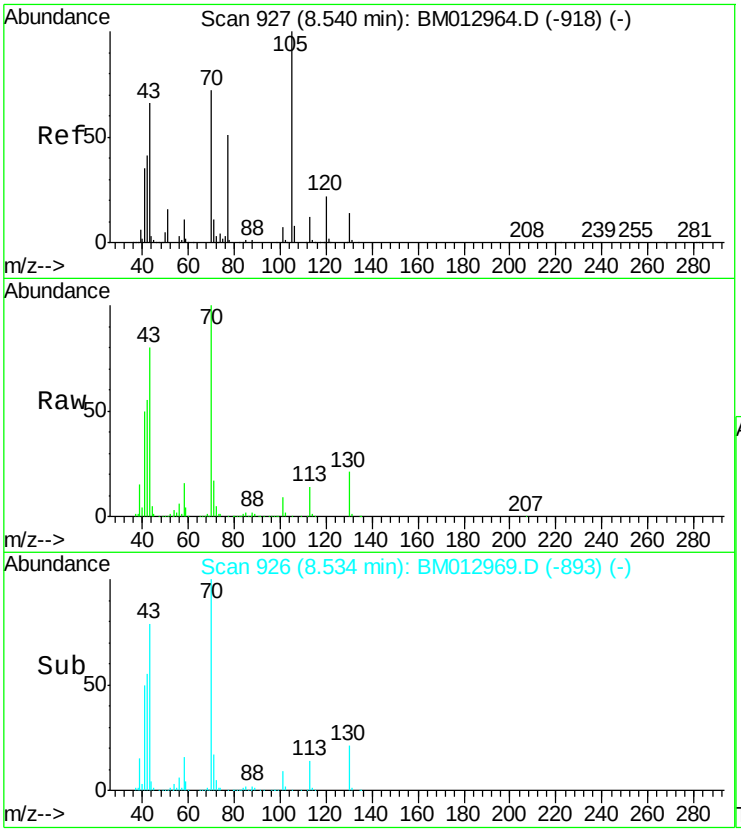


#10
2-Chlorophenol
Concen: 25.72 ng/ul
RT: 7.29 min Scan# 715
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion:128 Resp: 237592

Ion	Ratio	Lower	Upper
128	100		
64	46.3	38.0	57.0
130	31.0	24.4	36.6



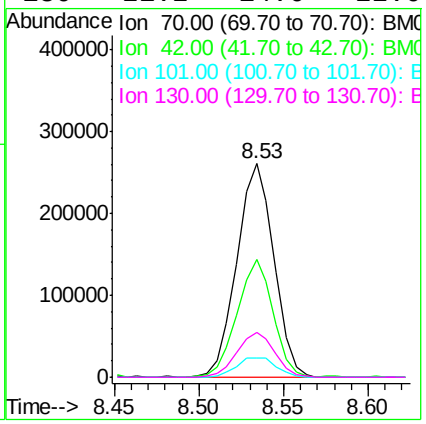


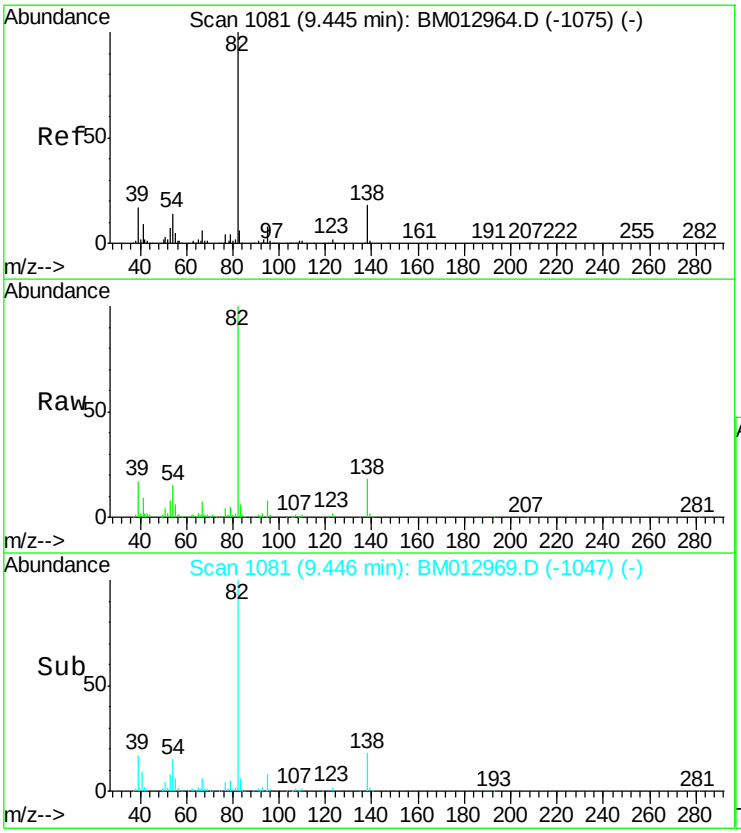
#15
N-Nitroso-di-n-propylamine
Concen: 52.85 ng/ul
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion: 70 Resp: 397407

Ion	Ratio	Lower	Upper
70	100		
42	55.1	76.0	114.0#
101	9.1	6.7	10.1
130	21.2	14.6	22.0

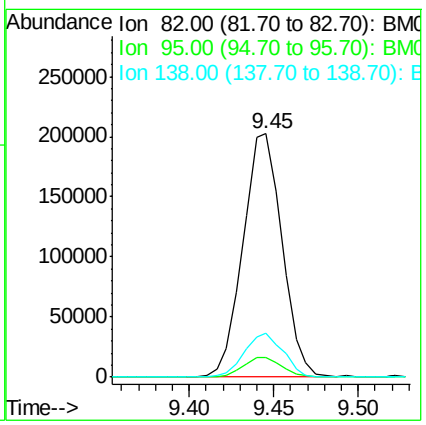


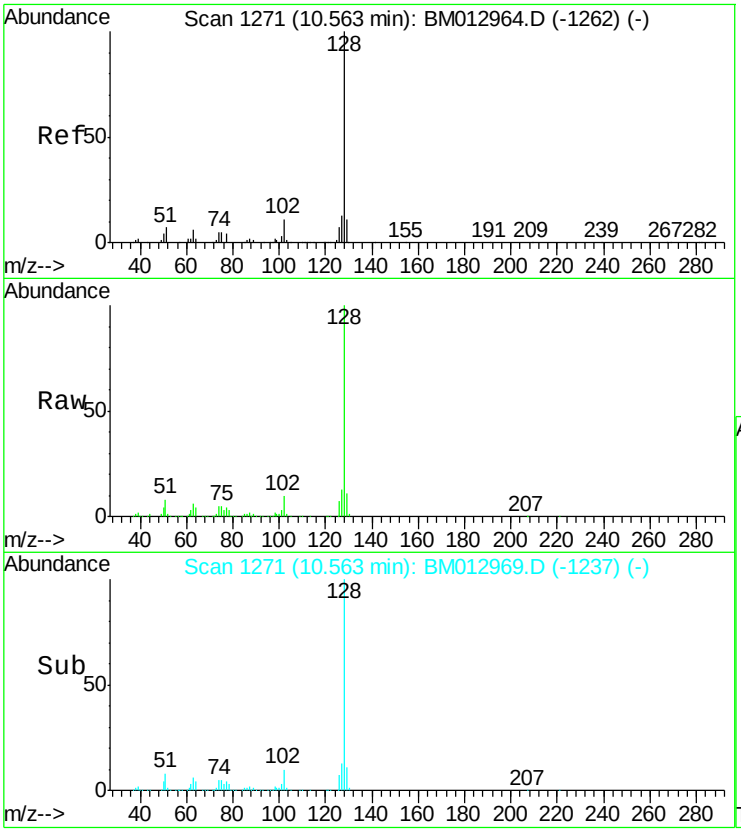


#21
Isophorone
Concen: 16.31 ng/ul
RT: 9.45 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion: 82 Resp: 326469

Ion	Ratio	Lower	Upper
82	100		
95	8.2	7.8	11.8
138	17.9	11.9	17.9



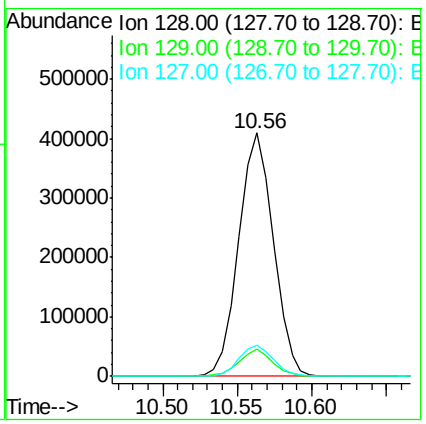


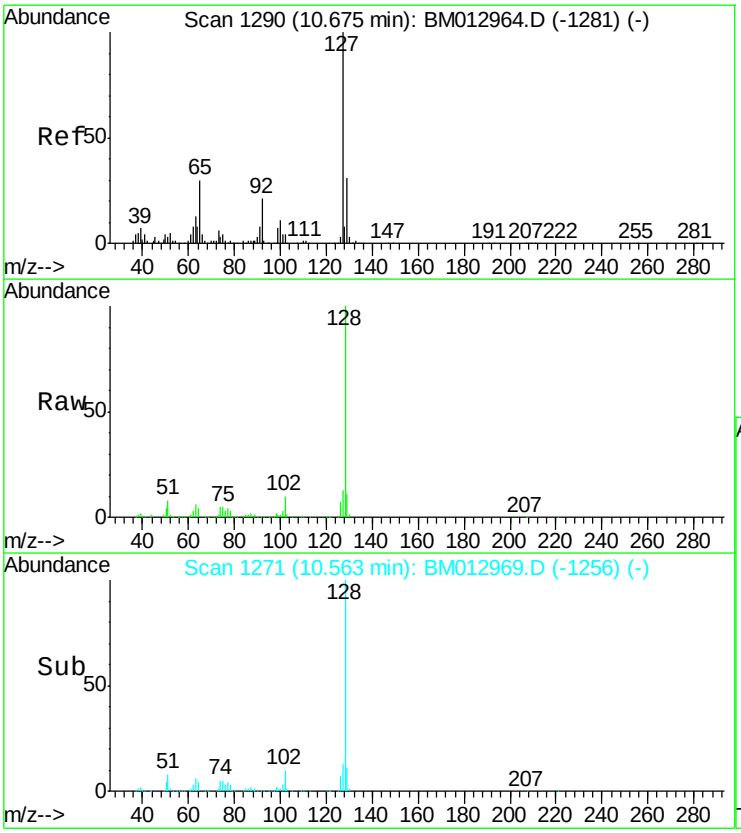
#28
Naphthalene
Concen: 23.30 ng/ul
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion:128 Resp: 658837

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.6	16.0

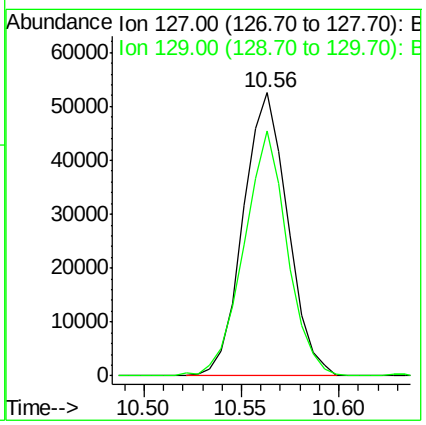


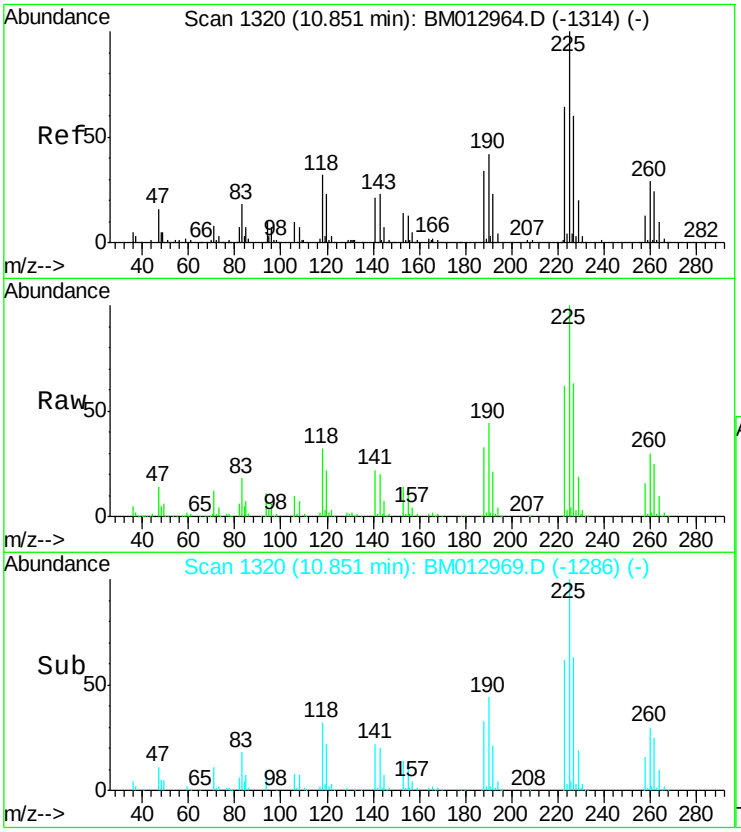


#30
4-Chloroaniline
Concen: 8.76 ng/ul
RT: 10.56 min Scan# 1271
Delta R.T. -0.11 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion:127 Resp: 82908

Ion	Ratio	Lower	Upper
127	100		
129	86.4	28.4	42.6#



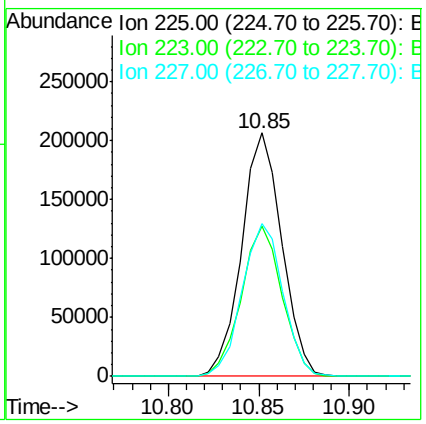


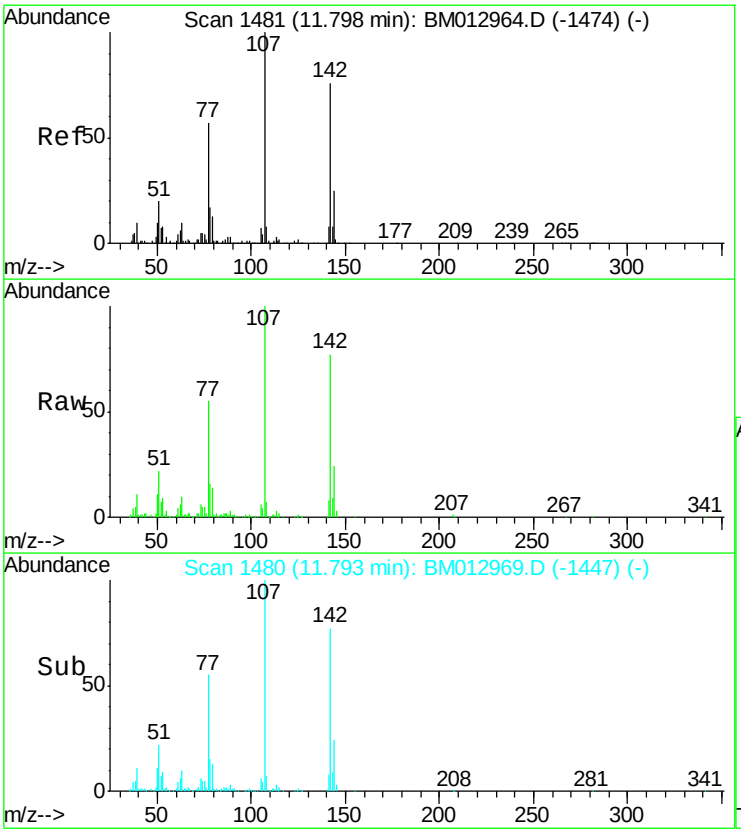
#31
Hexachlorobutadiene
Concen: 50.38 ng/ul
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion:225 Resp: 318308

Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.4	74.2
227	62.7	45.4	68.2

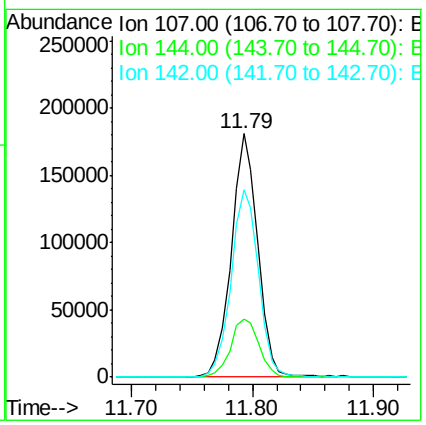


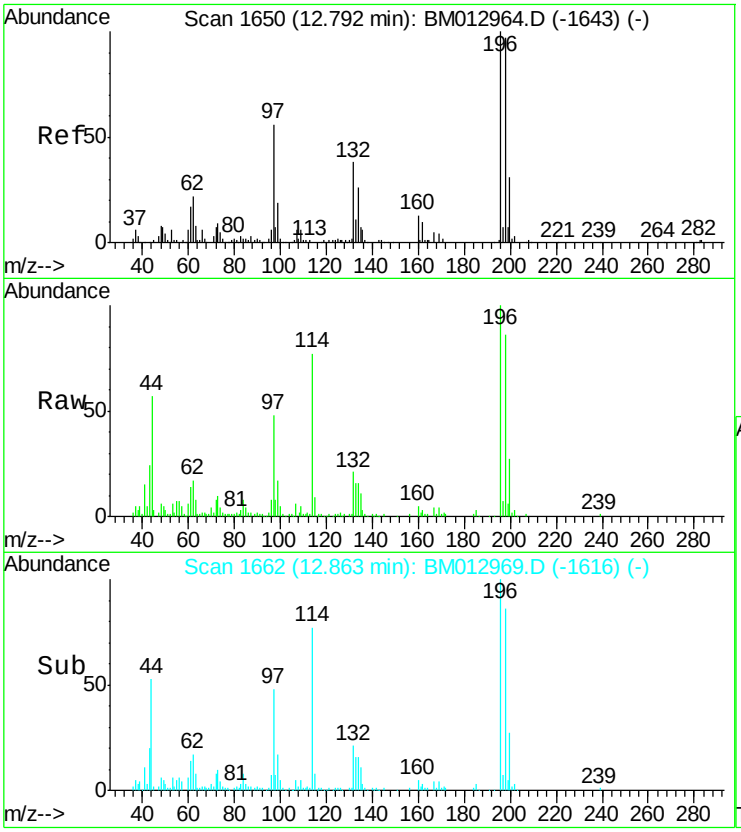


#33
4-Chloro-3-methylphenol
Concen: 29.44 ng/ul
RT: 11.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion:107 Resp: 275180

Ion	Ratio	Lower	Upper
107	100		
144	24.0	20.4	30.6
142	77.2	60.5	90.7



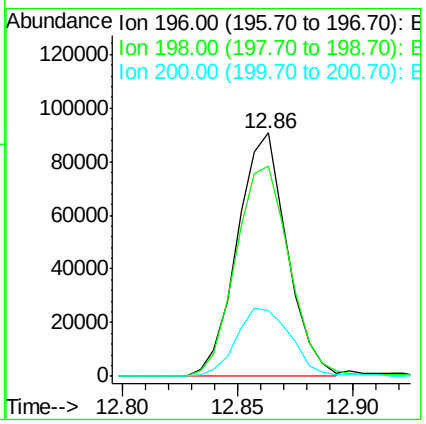


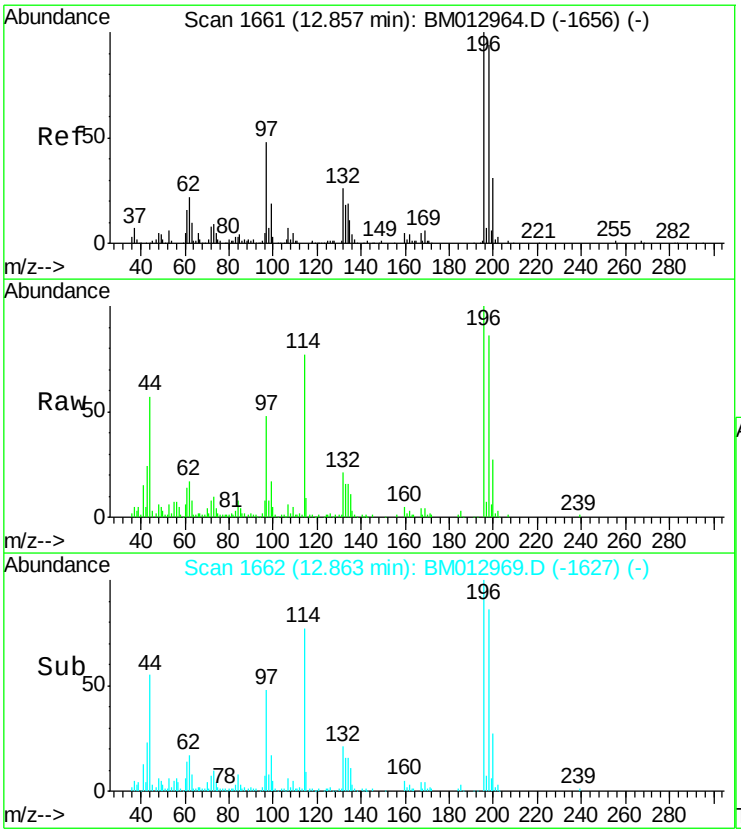
#38
2,4,6-Trichlorophenol
Concen: 19.04 ng/ul
RT: 12.86 min Scan# 1662
Delta R.T. 0.07 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion:196 Resp: 136305

Ion	Ratio	Lower	Upper
196	100		
198	86.3	74.1	111.1
200	27.2	25.2	37.8

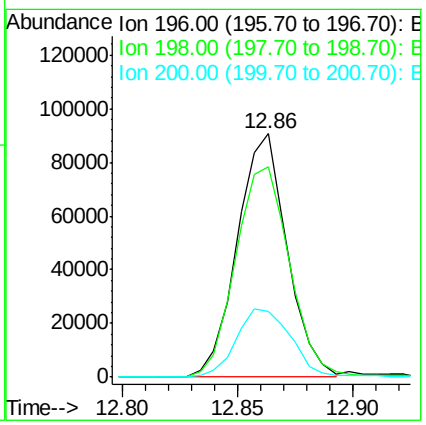


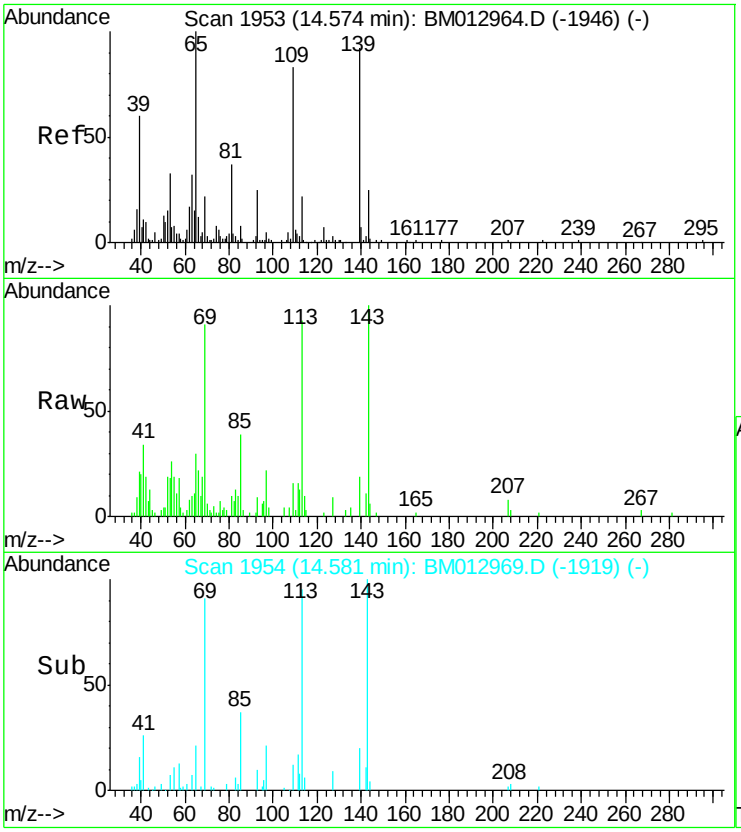


#39
2,4,5-Trichlorophenol
Concen: 18.21 ng/ul
RT: 12.86 min Scan# 1662
Delta R.T. 0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion:196 Resp: 136305

Ion	Ratio	Lower	Upper
196	100		
198	86.3	75.6	113.4
200	27.2	25.5	38.3



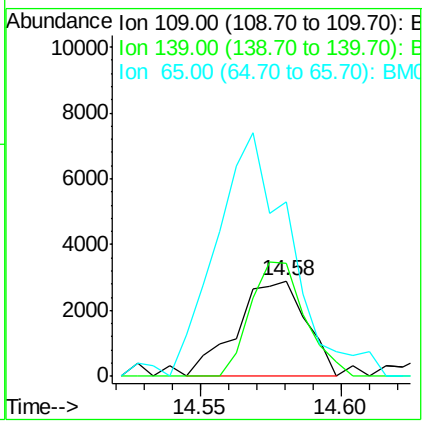


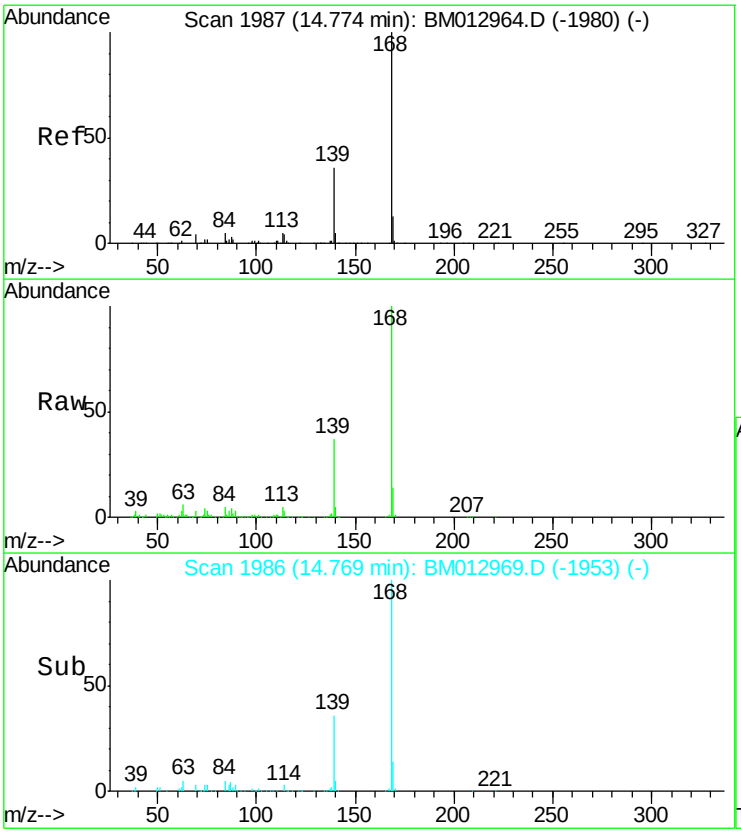
#52
4-Nitrophenol
Concen: 1.25 ng/ul
RT: 14.58 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion:109 Resp: 4935

Ion	Ratio	Lower	Upper
109	100		
139	117.9	80.0	120.0
65	182.5	120.0	180.0#

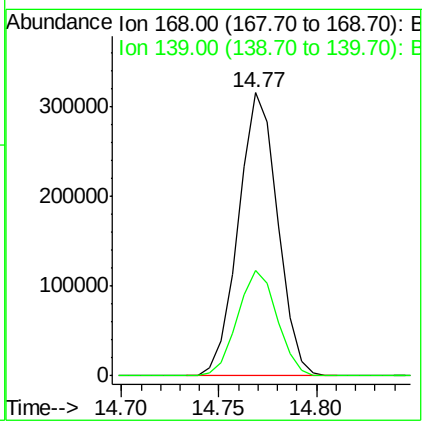


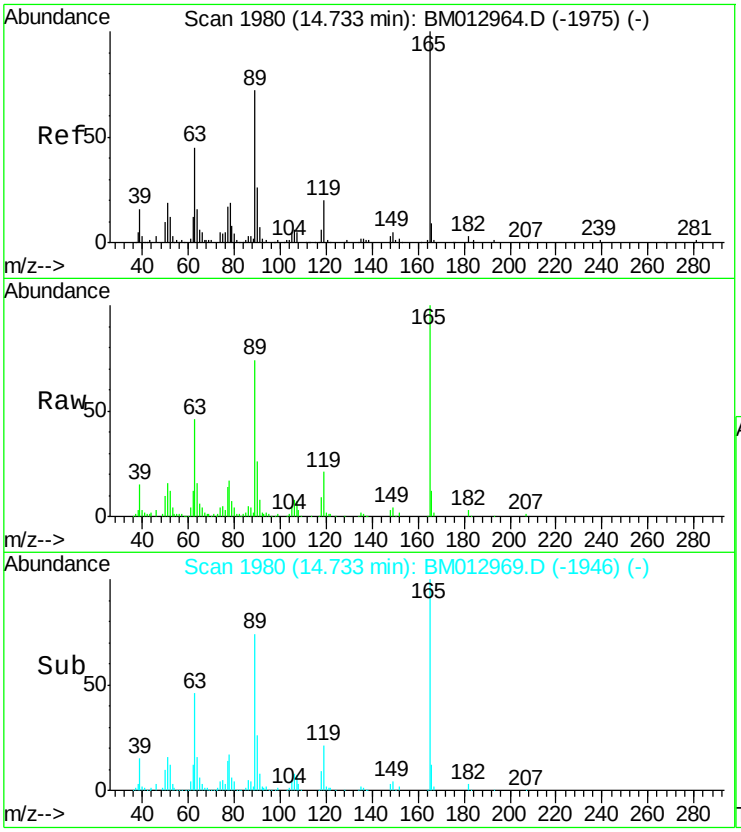


#53
Dibenzofuran
Concen: 13.54 ng/ul
RT: 14.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion:168 Resp: 438488

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.8	46.2



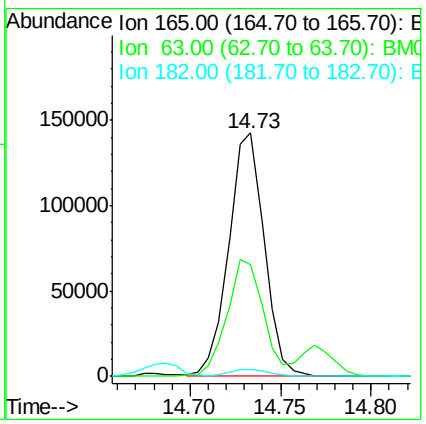


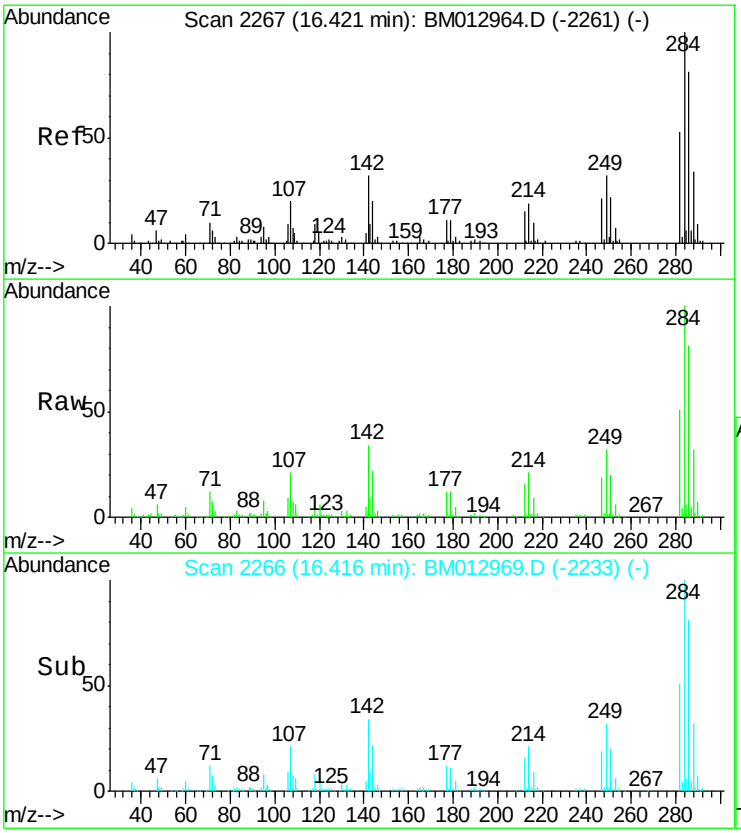
#54
2,4-Dinitrotoluene
Concen: 33.27 ng/ul
RT: 14.73 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion:165 Resp: 194528

Ion	Ratio	Lower	Upper
165	100		
63	45.9	45.8	68.8
182	3.0	2.6	4.0

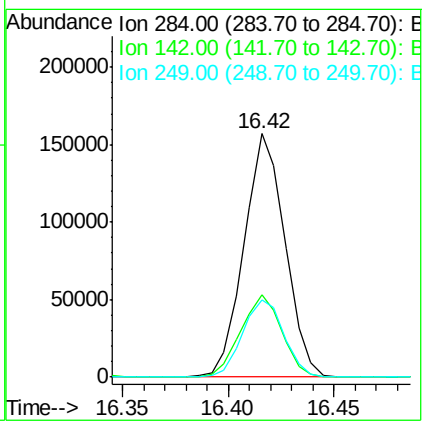


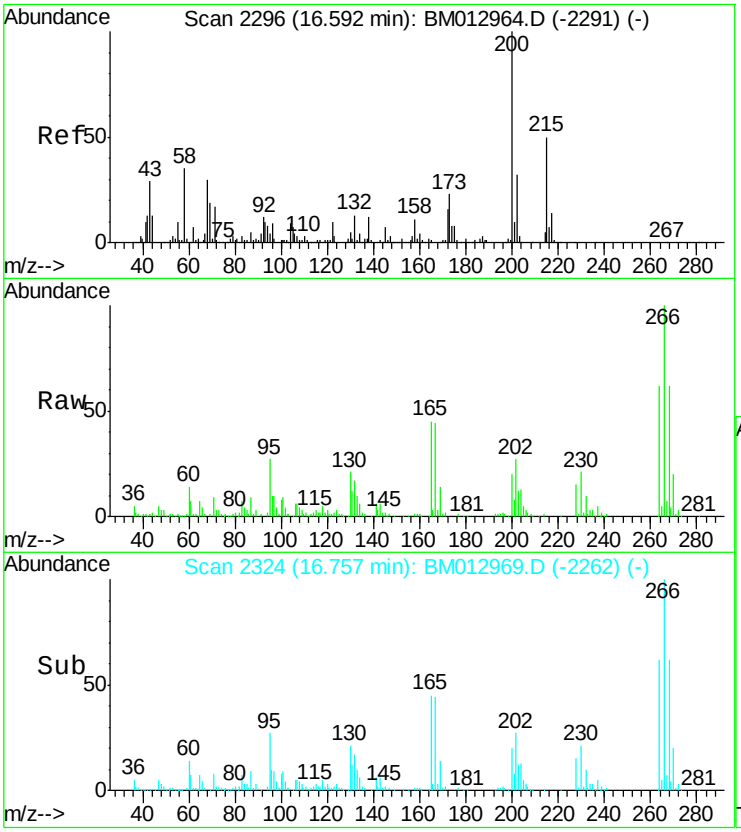


#66
Hexachlorobenzene
Concen: 21.18 ng/ul
RT: 16.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion:284 Resp: 212207

Ion	Ratio	Lower	Upper
284	100		
142	33.6	21.2	31.8#
249	31.9	24.5	36.7



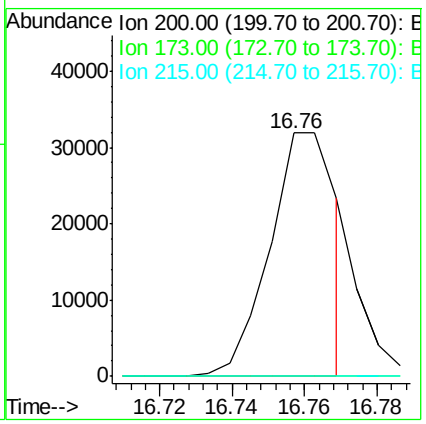


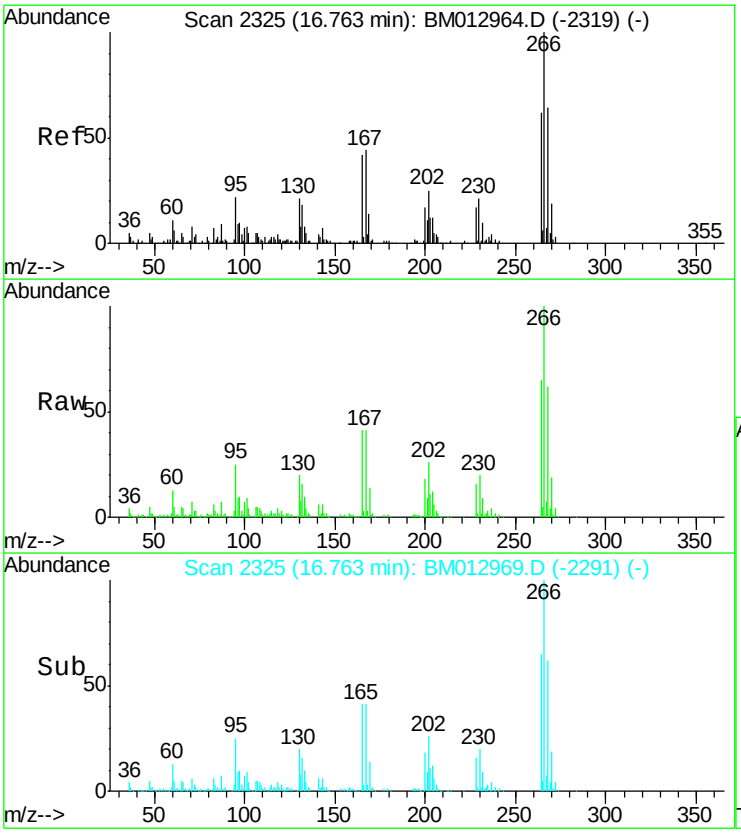
#67
Atrazine
Concen: 4.39 ng/ul
RT: 16.76 min Scan# 2324
Delta R.T. 0.16 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion:200 Resp: 40491

Ion	Ratio	Lower	Upper
200	100		
173	0.0	18.2	27.2#
215	0.0	35.0	52.4#

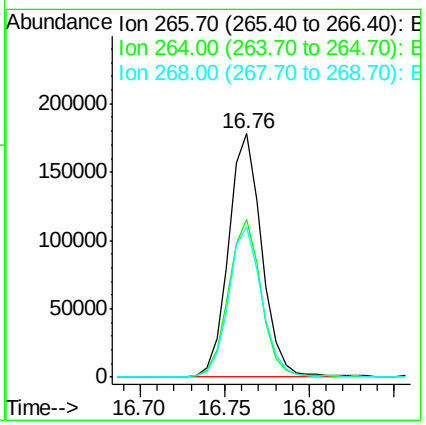


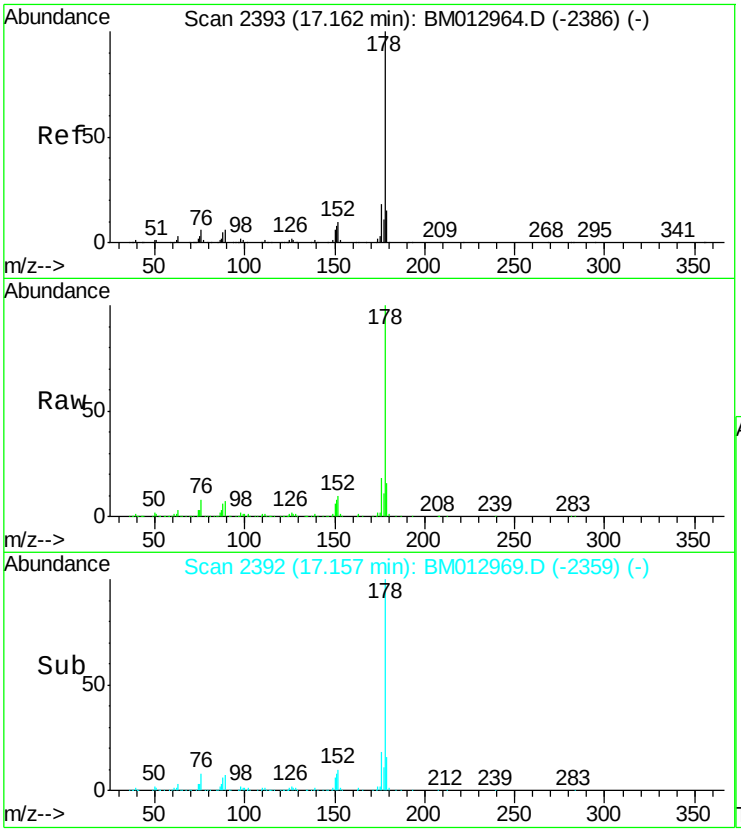


#68
Pentachlorophenol
Concen: 47.15 ng/ul
RT: 16.76 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion:266 Resp: 243697

Ion	Ratio	Lower	Upper
266	100		
264	64.7	49.3	73.9
268	61.7	52.6	78.8



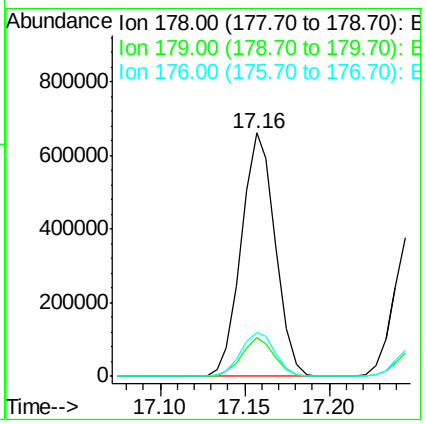


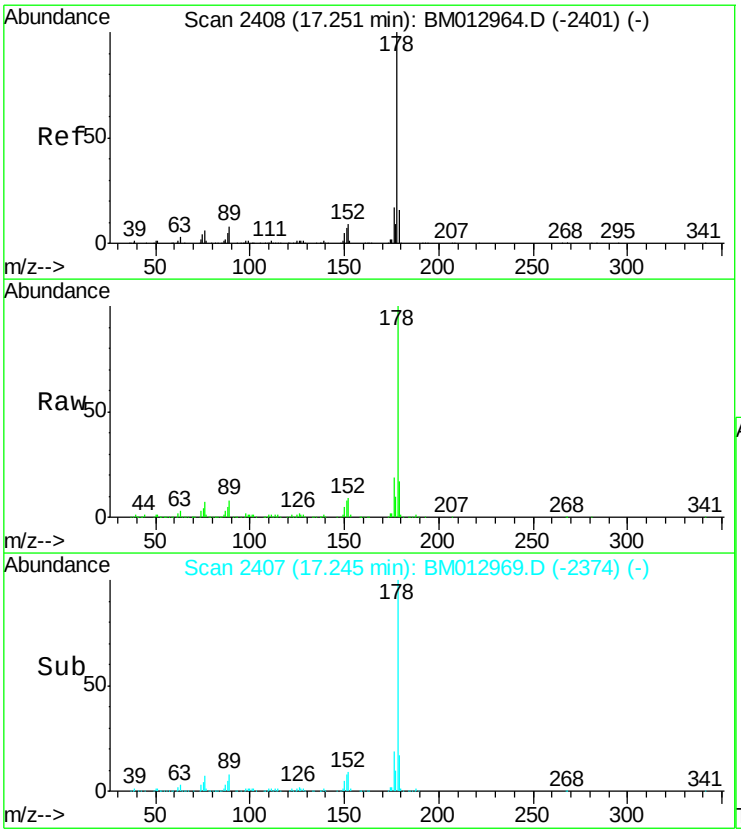
#69
Phenanthrene
Concen: 21.41 ng/ul
RT: 17.16 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion:178 Resp: 923147

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.2	14.9	22.3

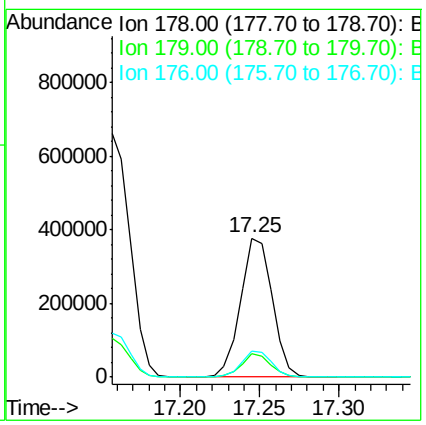


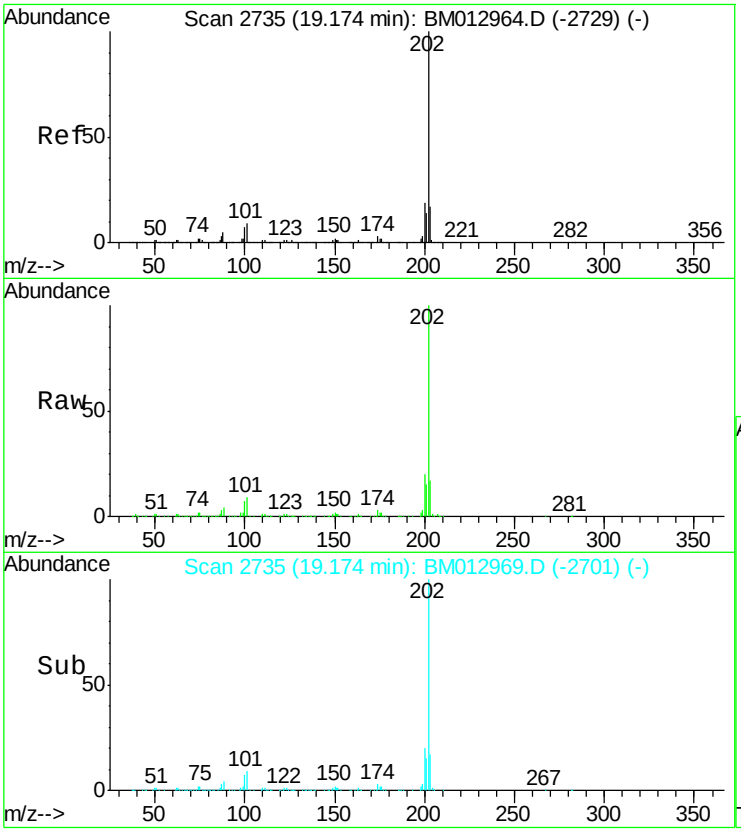


#71
Anthracene
Concen: 11.72 ng/ul
RT: 17.25 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion:178 Resp: 524275

Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	18.5	14.6	21.8



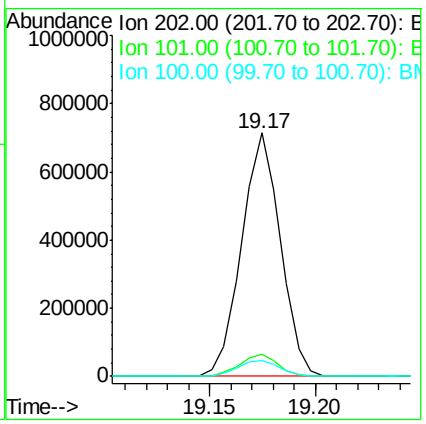


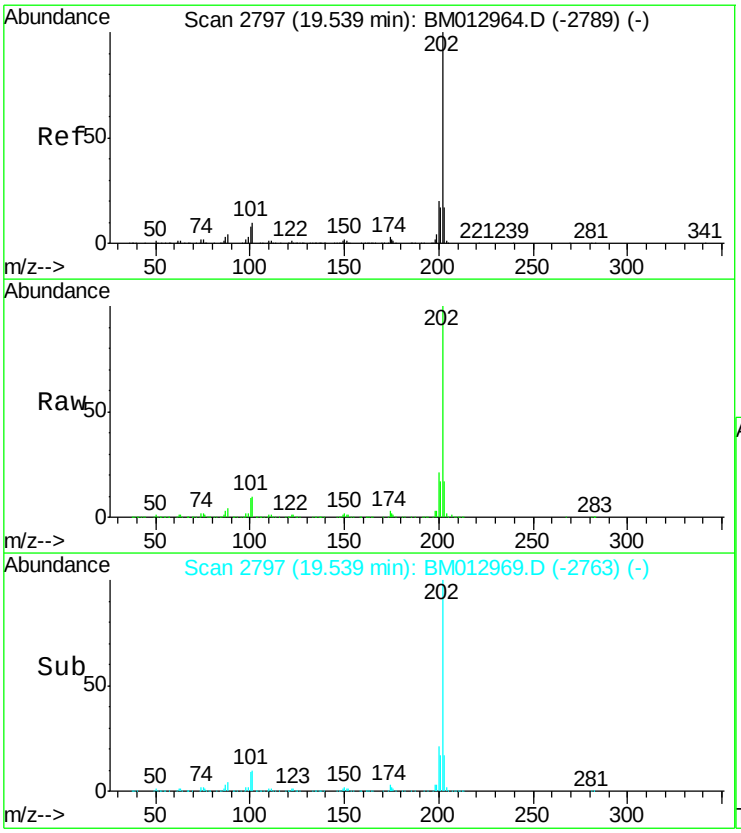
#74
Fluoranthene
Concen: 17.48 ng/ul
RT: 19.17 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion:202 Resp: 911119

Ion	Ratio	Lower	Upper
202	100		
101	9.1	4.6	7.0#
100	6.6	3.4	5.2#

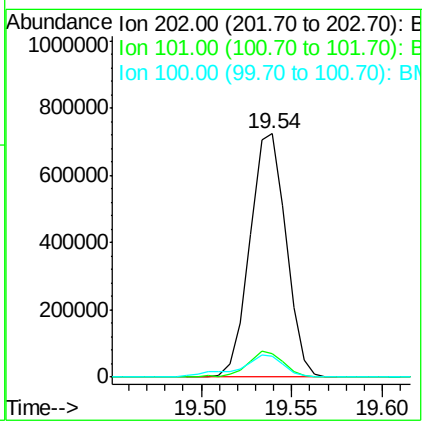


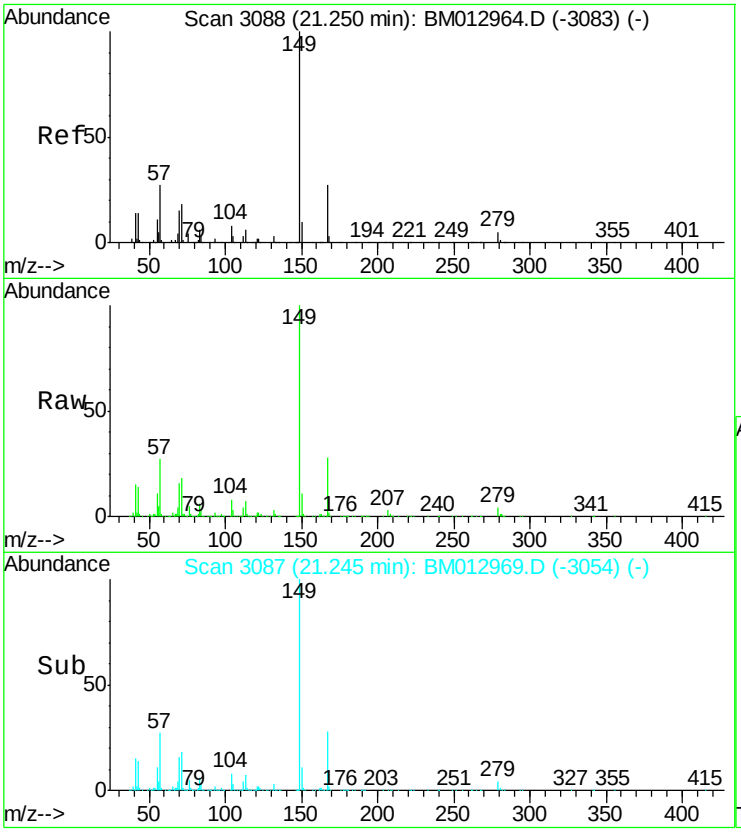


#77
Pyrene
Concen: 18.59 ng/ul
RT: 19.54 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion:202 Resp: 1005641

Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	8.6	4.9	7.3#



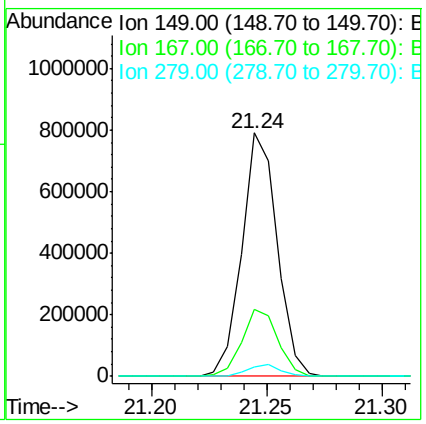


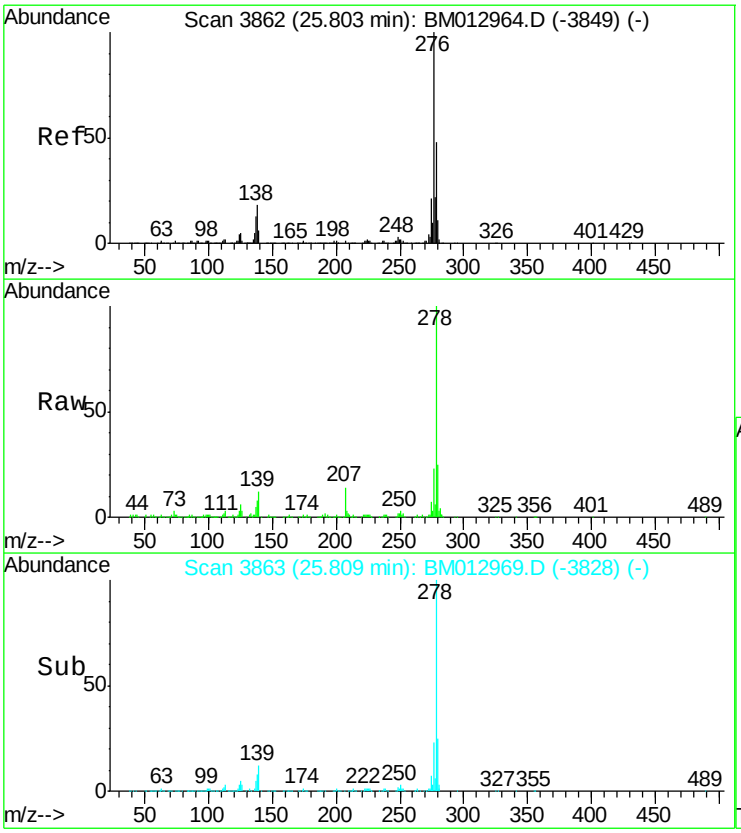
#81
Bis(2-ethylhexyl)phthalate
Concen: 25.47 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion:149 Resp: 843598

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.8	34.2
279	4.1	4.9	7.3#

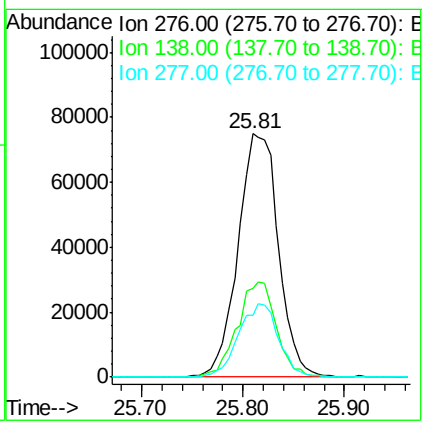


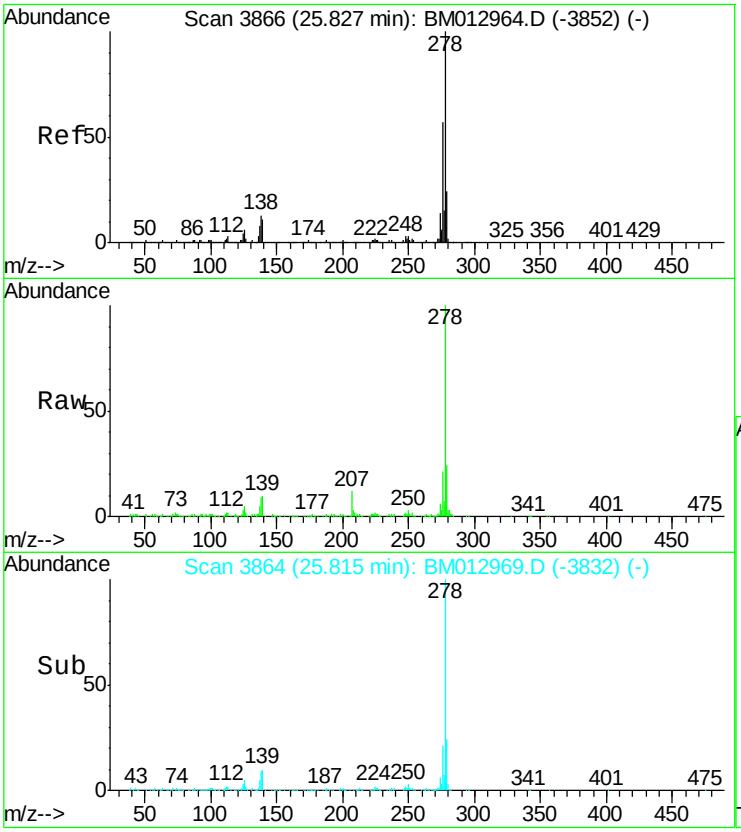


#89
Indeno(1,2,3-cd)pyrene
Concen: 3.28 ng/ul
RT: 25.81 min Scan# 3863
Delta R.T. 0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion:276 Resp: 207697

Ion	Ratio	Lower	Upper
276	100		
138	36.6	9.3	13.9#
277	25.5	19.9	29.9





#90
Dibenzo(a,h)anthracene
Concen: 17.19 ng/ul
RT: 25.82 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tgt Ion:278 Resp: 921607

Ion	Ratio	Lower	Upper
278	100		
139	10.3	5.8	8.8#
279	23.7	18.6	27.8