Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016790.D
Acq On : 19 Sep 2018 10:25
Operator : SJ/JU
Sample : J4900-09
Misc : PE
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 20 01:55:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 01:54:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	362768	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1638751	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	893319	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1807528	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1504211	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1392756	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	41613	4.91	ng/uL	0.00
5) Phenol-d5	6.90	99	947544	30.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	581440	30.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	773575	30.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	782397	33.05	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	377075	35.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	365238	37.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	822146	33.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1088471	36.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	2393802	33.37	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	3070825	33.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	378418	32.15	ng/ul	0.01
58) Fluorene-d10	15.36	176	2068515	33.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	255948	34.49	ng/ul	0.00
71) Anthracene-d10	17.21	188	2991203	34.30	ng/ul	0.00
79) Pyrene-d10	19.51	212	2860387	39.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	2609114	35.91	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.93	94	1670800	54.703	ng/ul	97
10) 2-Chlorophenol	7.29	128	1396367	55.671	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	792076	21.300	ng/ul	98
17) Hexachloroethane	8.80	117	524967	53.286	ng/ul	92
27) 2,4-Dichlorophenol	10.15	162	1351008	56.525	ng/ul	98
28) Naphthalene	10.56	128	4392001	52.122	ng/ul	99
30) 4-Chloroaniline	10.56	127	570757	18.995	ng/ul#	5
31) Hexachlorobutadiene	10.84	225	801121	49.657	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	2210871	72.063	ng/ul	98
46) 2,6-Dinitrotoluene	13.95	165	825016	76.625	ng/ul	96
50) Acenaphthene	14.43	153	3647904	58.594	ng/ul	99
55) 2,4-Dinitrotoluene	14.73	165	1007866	63.658	ng/ul	99
57) Diethylphthalate	15.20	149	4013964	57.797	ng/ul	98
59) Fluorene	15.42	166	4066368	57.947	ng/ul	99
61) 4-Nitroaniline	15.42	138	44428	3.089	ng/ul#	16
66) 4-Bromophenyl-phenylether	16.42	248	24966	1.221	ng/ul#	1
67) Hexachlorobenzene	16.42	284	1422371	64.627	ng/ul#	93
68) Atrazine	16.76	200	129262	6.541	ng/ul#	35
69) Pentachlorophenol	16.76	266	794076	66.720	ng/ul	97
70) Phenanthrene	17.24	178	5352542	53.311	ng/ul	99
72) Anthracene	17.24	178	5355541	51.956	ng/ul	98
80) Pyrene	19.54	202	6417536	69.482	ng/ul#	86
81) Butylbenzylphthalate	20.46	149	2113173	61.865	ng/ul	96

Quantitation Report (Not Reviewed)

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Acq On : 19 Sep 2018 10:25
Operator : SJ/JU
Sample : J4900-09
Misc : PE
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 20 01:55:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 01:54:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Benzo(a)anthracene	21.29	228	4147699	44.541	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	2937282	54.717	ng/ul	98
85) Chrysene	21.34	228	4086050	47.051	ng/ul	99
88) Benzo(b)fluoranthene	22.87	252	3919297	47.015	ng/ul#	96
89) Benzo(k)fluoranthene	22.91	252	3138312	39.205	ng/ul#	97
91) Benzo(a)pyrene	23.44	252	3539062	44.538	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.79	276	5447004	57.464	ng/ul#	86
93) Dibenzo(a,h)anthracene	25.81	278	5070481	63.946	ng/ul#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
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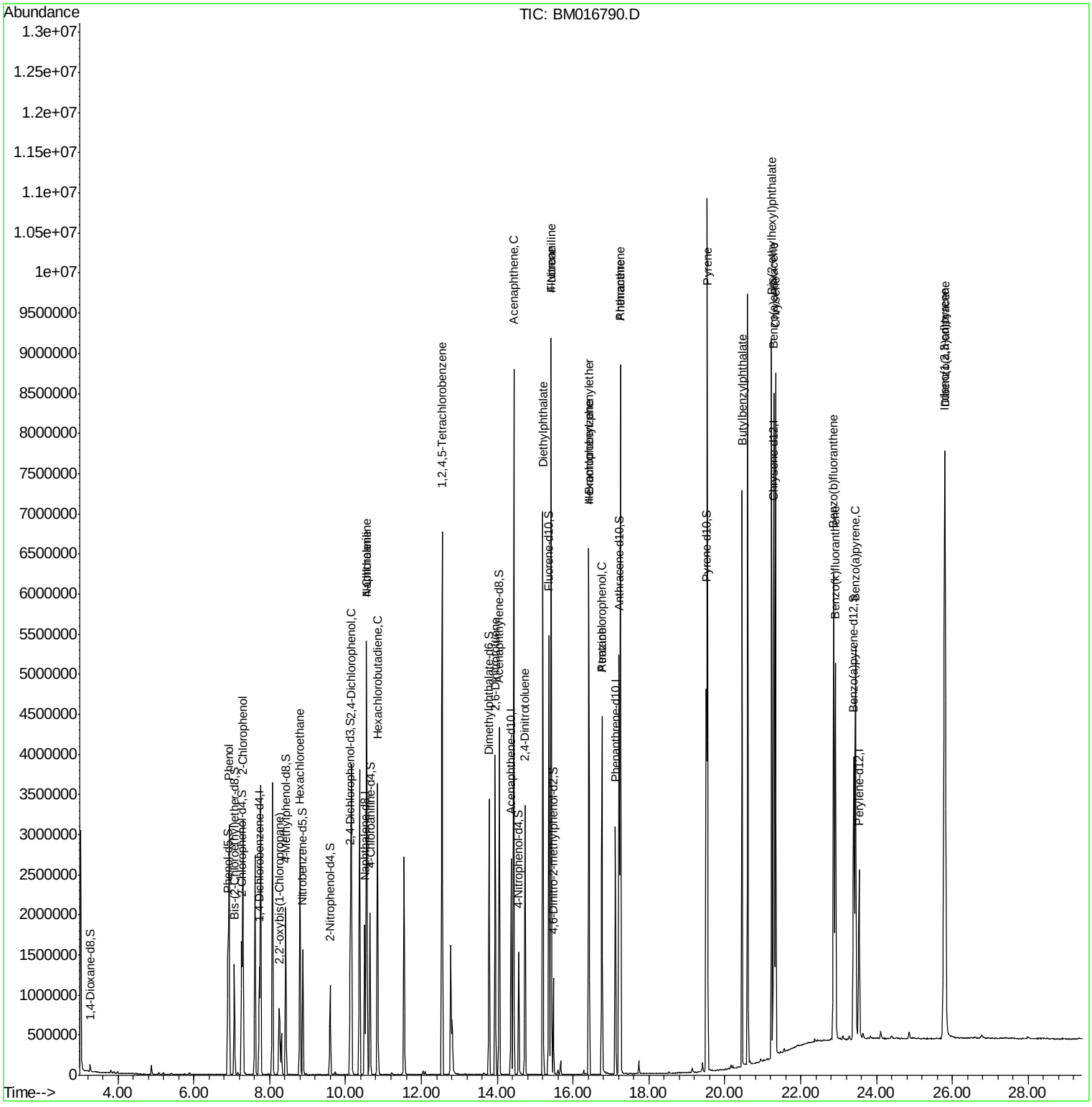
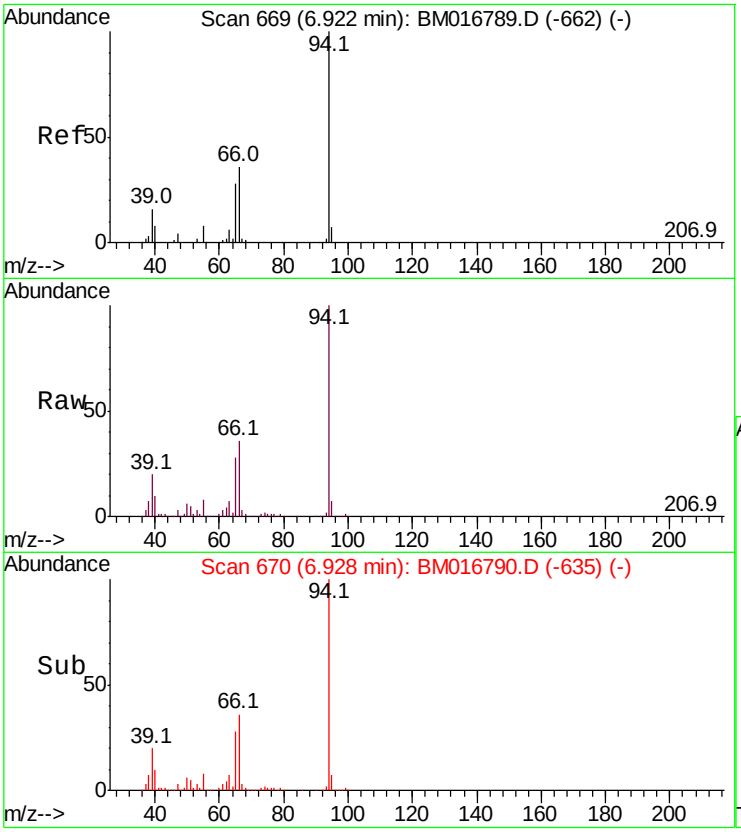
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 01:54:47 2018
Response via : Initial Calibration



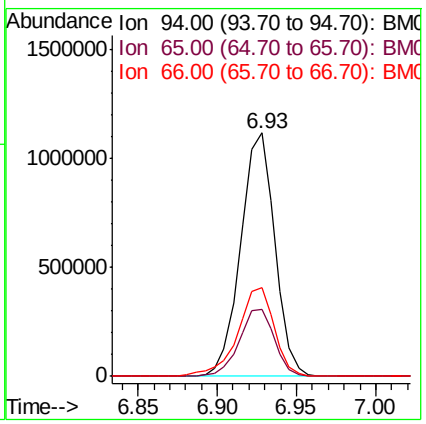


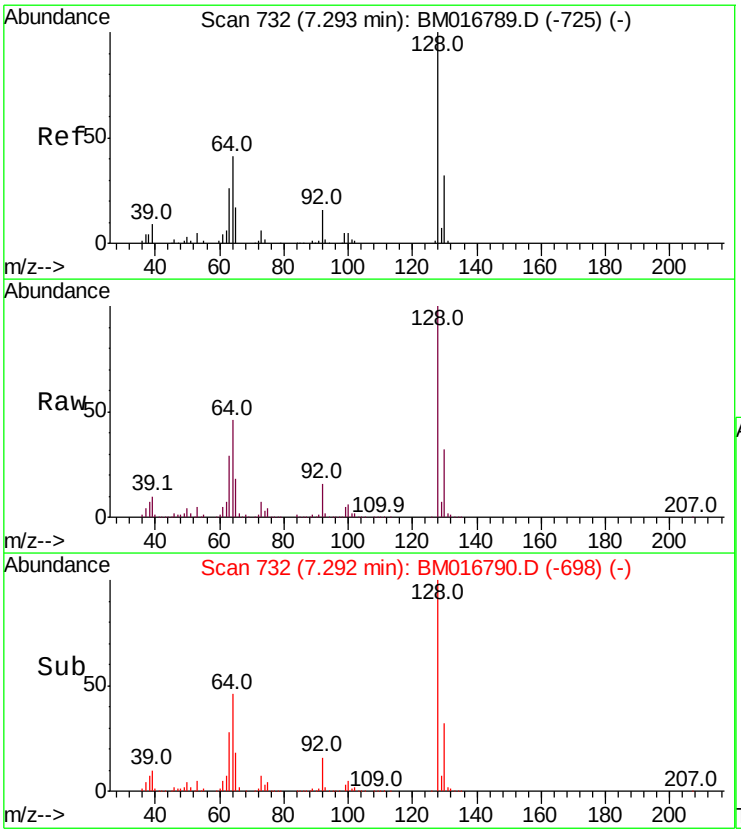
#6
Phenol
Concen: 54.703 ng/ul
RT: 6.93 min Scan# 670
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 1670800

Ion	Ratio	Lower	Upper
94	100		
65	27.7	23.0	34.6
66	36.3	30.4	45.6

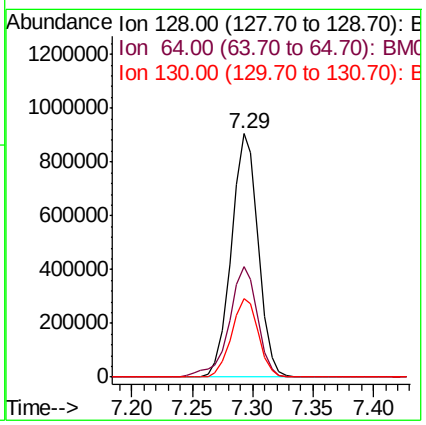


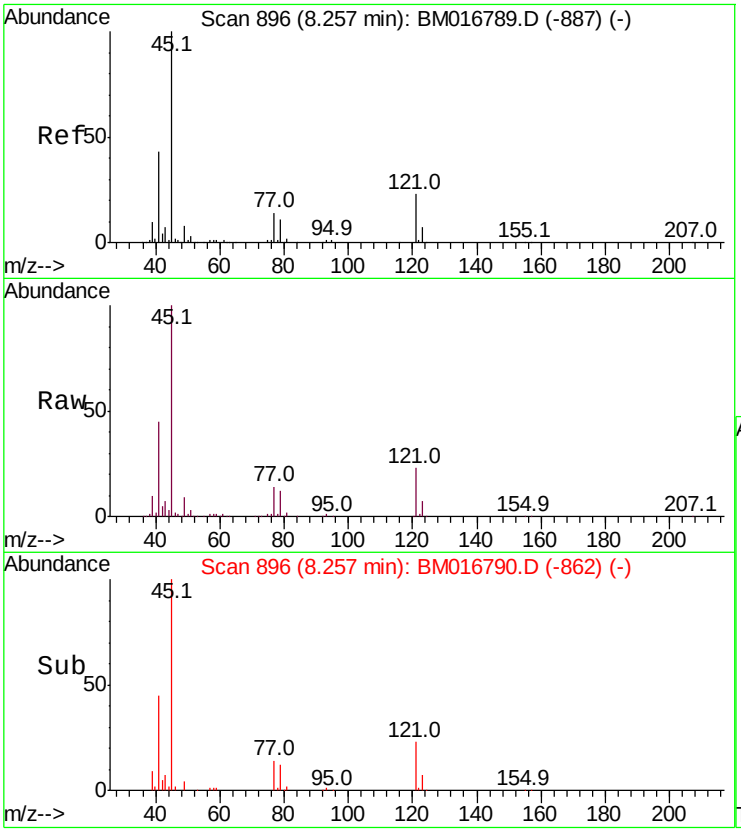


#10
2-Chlorophenol
Concen: 55.671 ng/ul
RT: 7.29 min Scan# 732
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:128 Resp: 1396367

Ion	Ratio	Lower	Upper
128	100		
64	45.6	39.8	59.6
130	32.1	25.8	38.8



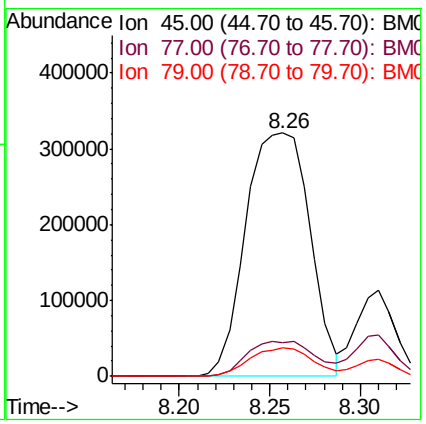


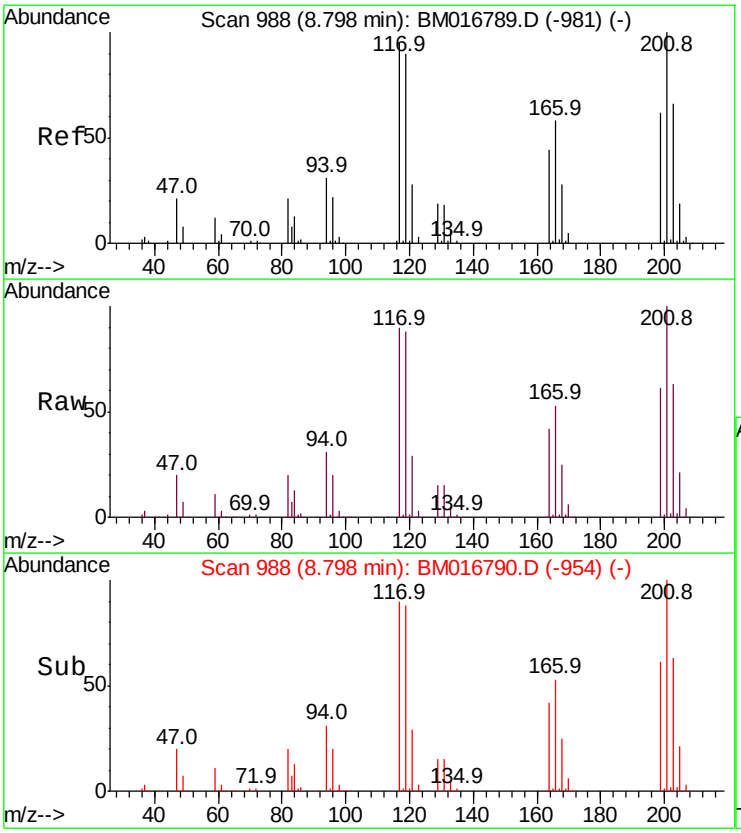
#12
2,2'-oxybis(1-Chloropropane)
Concen: 21.300 ng/ul
RT: 8.26 min Scan# 896
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 792076

Ion	Ratio	Lower	Upper
45	100		
77	14.0	12.5	18.7
79	11.8	9.4	14.2

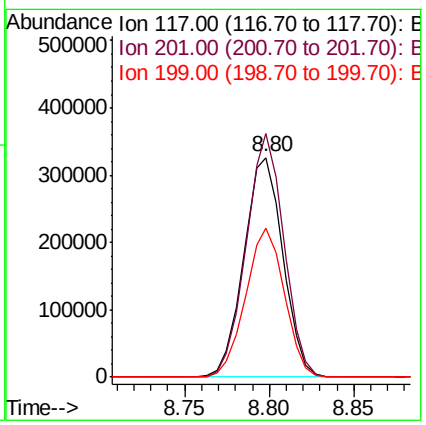


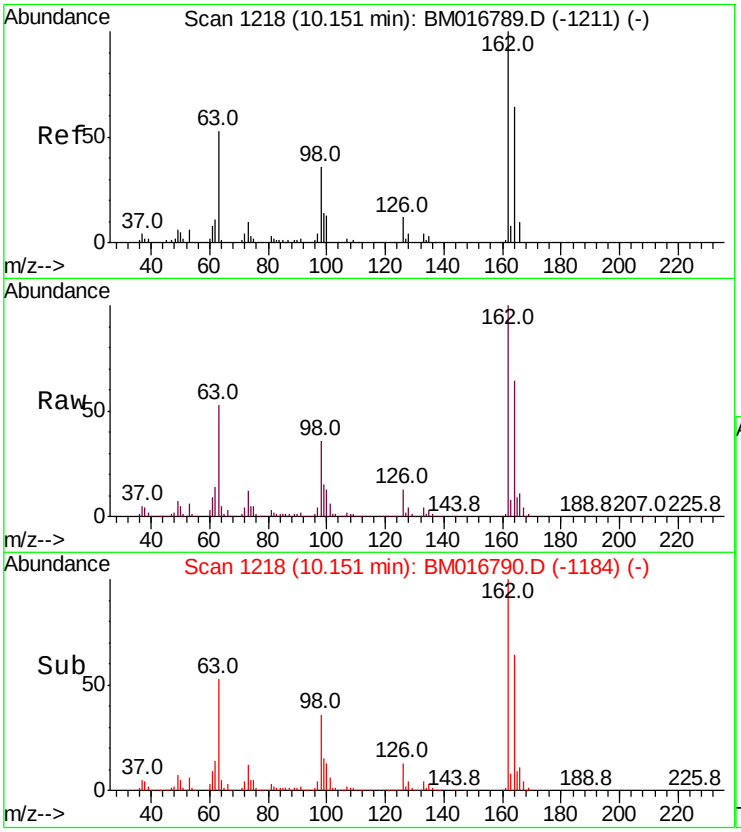


#17
Hexachloroethane
Concen: 53.286 ng/ul
RT: 8.80 min Scan# 988
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:117 Resp: 524967

Ion	Ratio	Lower	Upper
117	100		
201	110.7	96.1	144.1
199	67.9	59.7	89.5



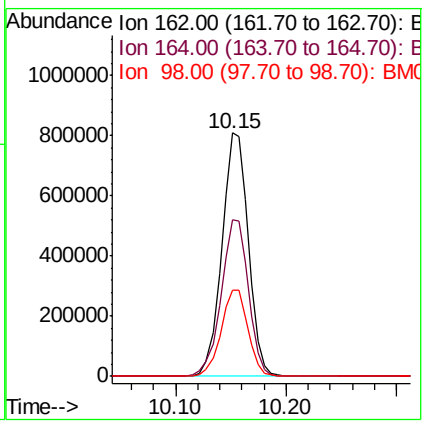


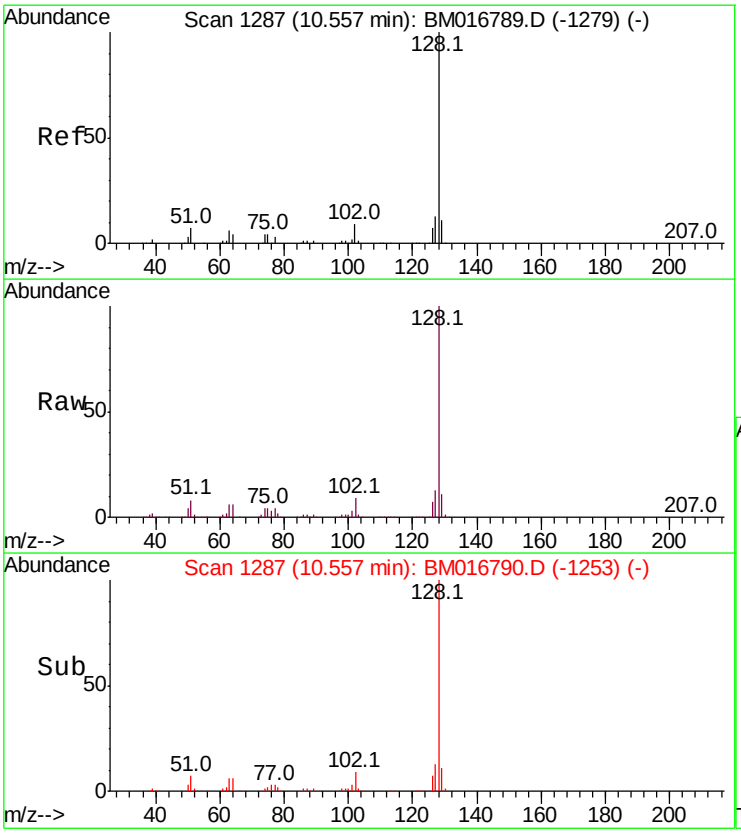
#27
2,4-Dichlorophenol
Concen: 56.525 ng/ul
RT: 10.15 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 1351008

Ion	Ratio	Lower	Upper
162	100		
164	64.4	52.0	78.0
98	35.6	26.6	39.8

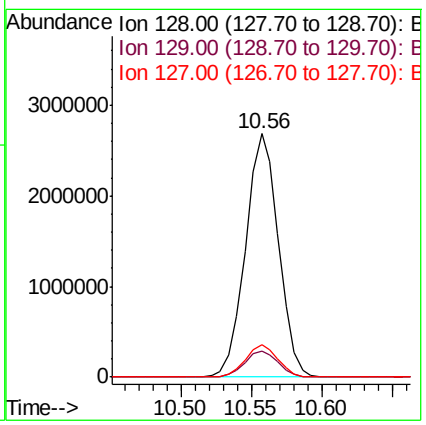


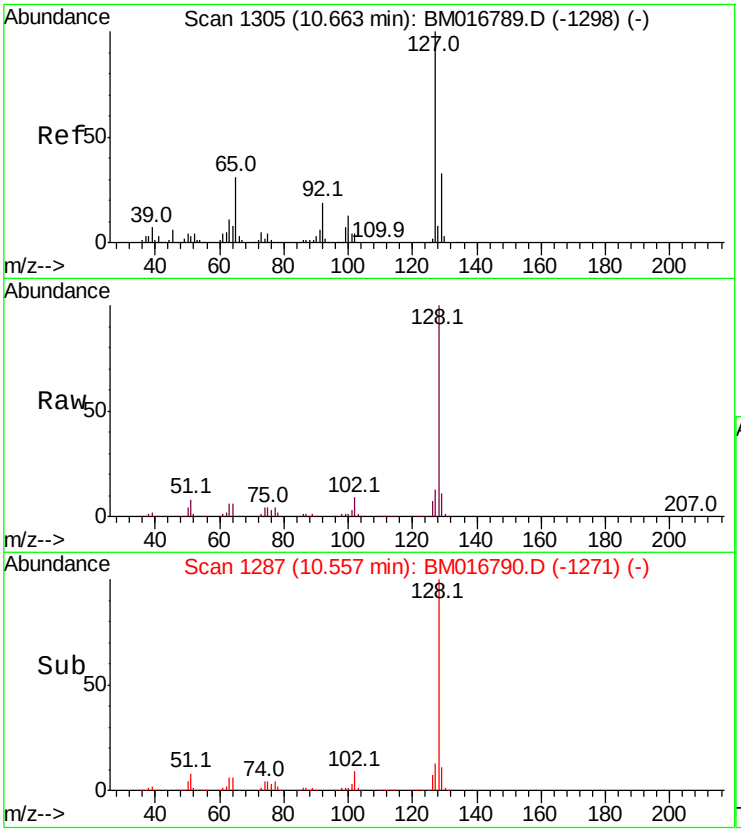


#28
Naphthalene
Concen: 52.122 ng/ul
RT: 10.56 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:128 Resp: 4392001

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.1	10.8	16.2



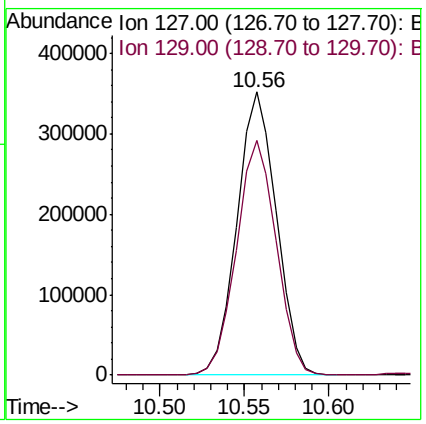


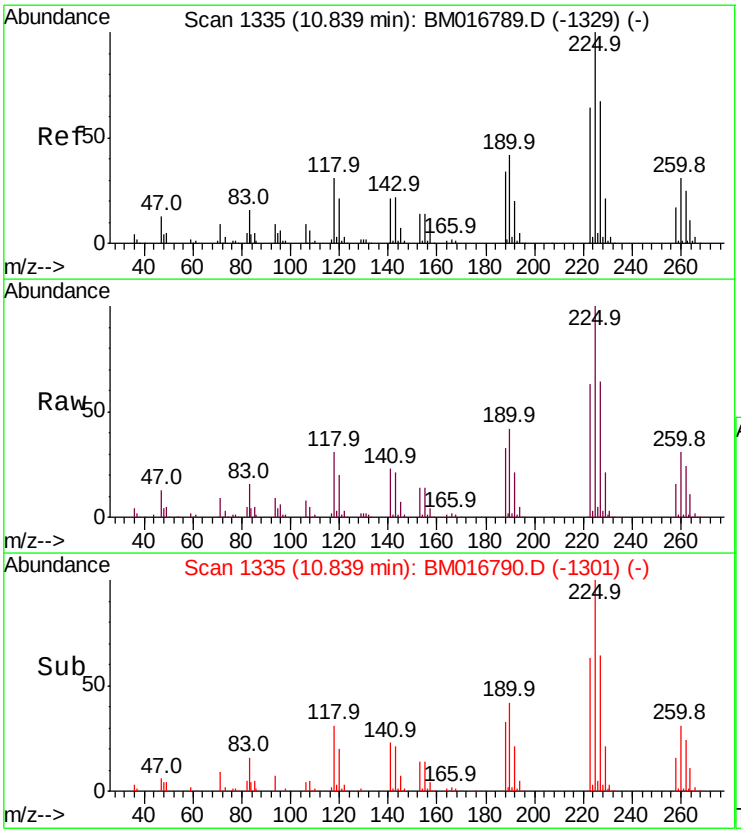
#30
4-Chloroaniline
Concen: 18.995 ng/ul
RT: 10.56 min Scan# 1287
Delta R.T. -0.11 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 570757

Ion	Ratio	Lower	Upper
127	100		
129	82.9	24.6	37.0#

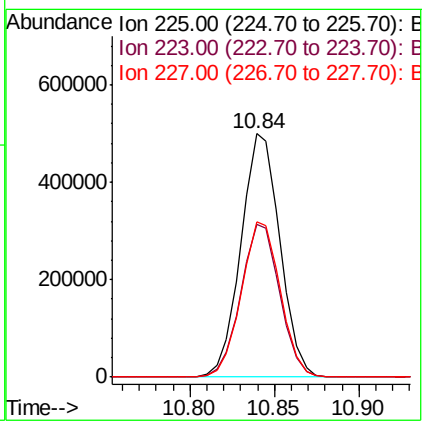


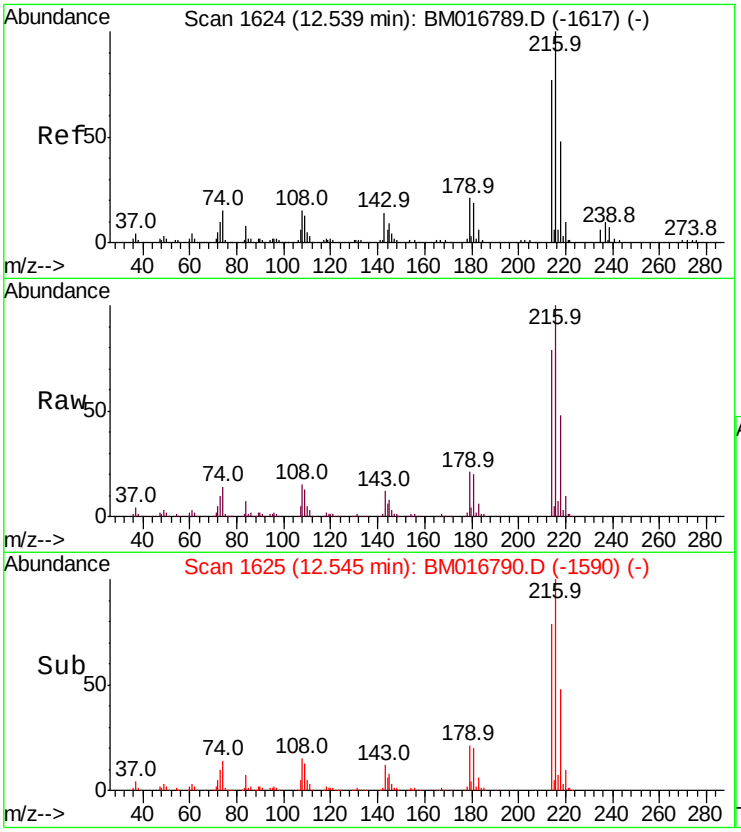


#31
Hexachlorobutadiene
Concen: 49.657 ng/ul
RT: 10.84 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:225 Resp: 801121

Ion	Ratio	Lower	Upper
225	100		
223	62.5	48.1	72.1
227	63.9	52.1	78.1



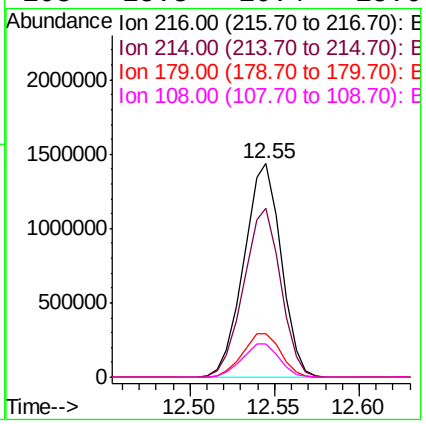


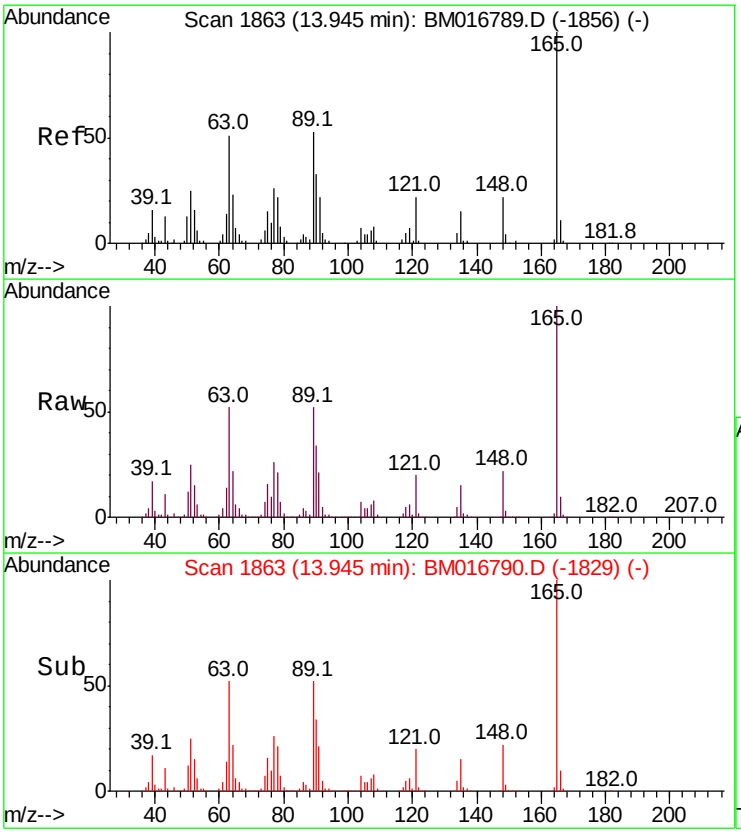
#37
1,2,4,5-Tetrachlorobenzene
Concen: 72.063 ng/ul
RT: 12.55 min Scan# 1625
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 2210871

Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.1	96.1
179	20.6	14.5	21.7
108	15.3	10.4	15.6

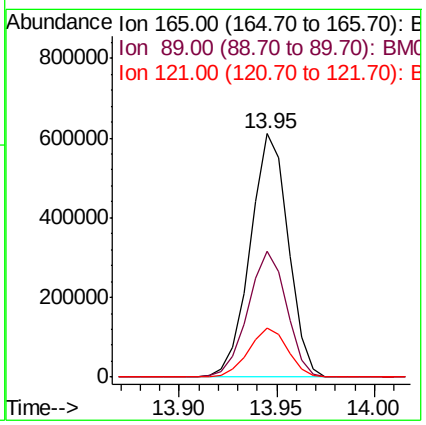


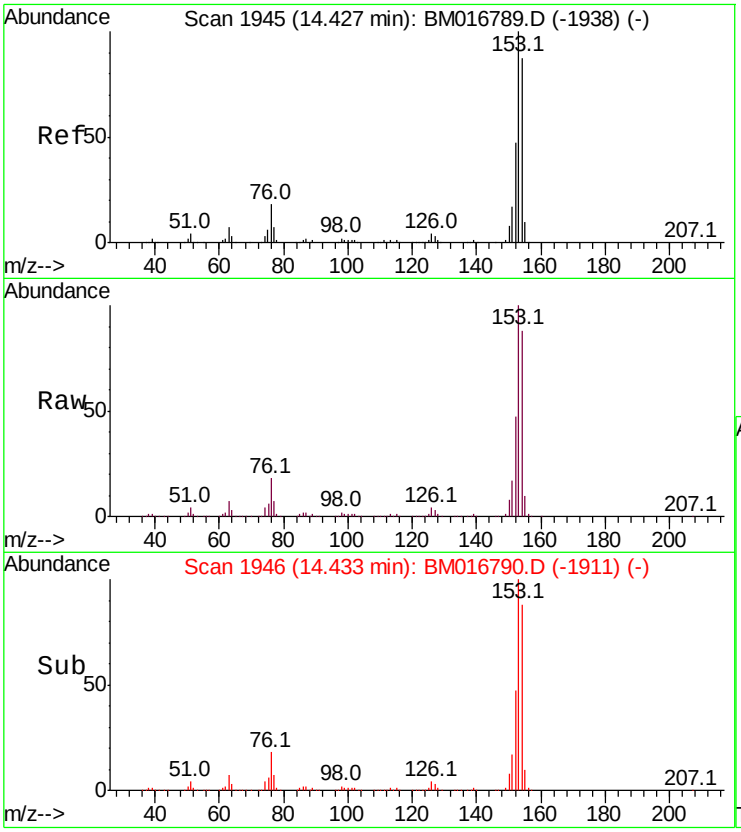


#46
2,6-Dinitrotoluene
Concen: 76.625 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:165 Resp: 825016

Ion	Ratio	Lower	Upper
165	100		
89	51.7	43.8	65.8
121	20.4	17.8	26.6



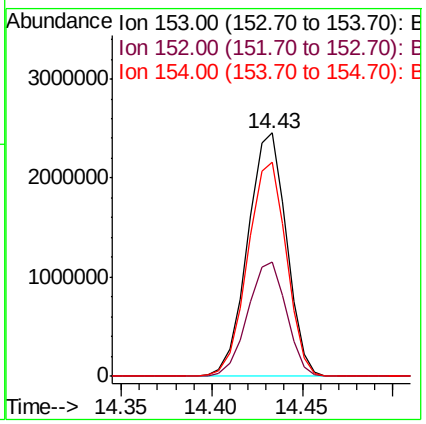


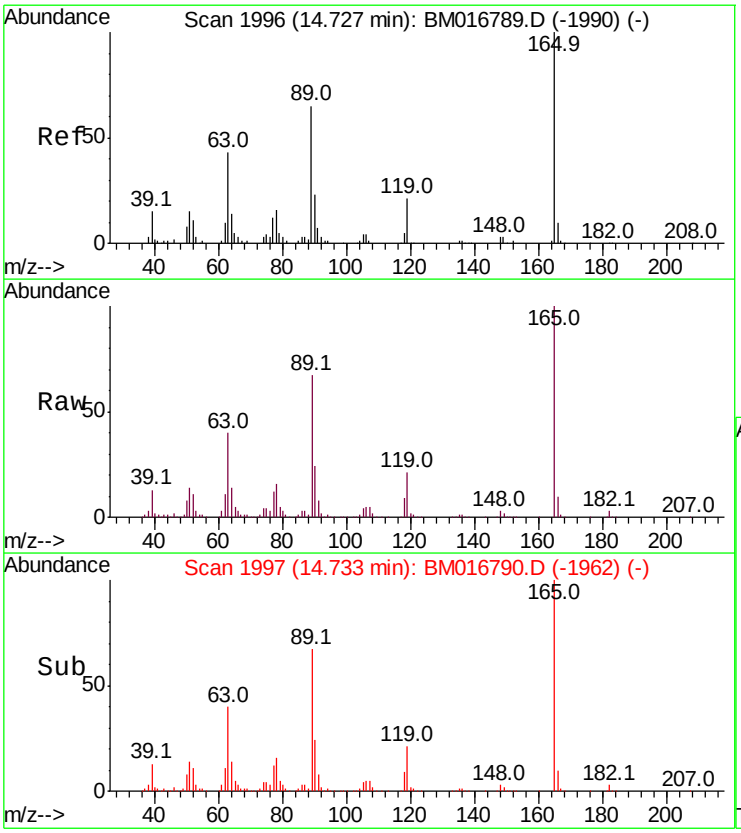
#50
Acenaphthene
Concen: 58.594 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 3647904

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.9	56.9
154	88.1	69.8	104.6

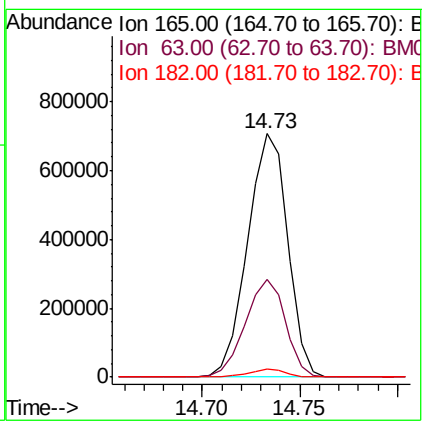


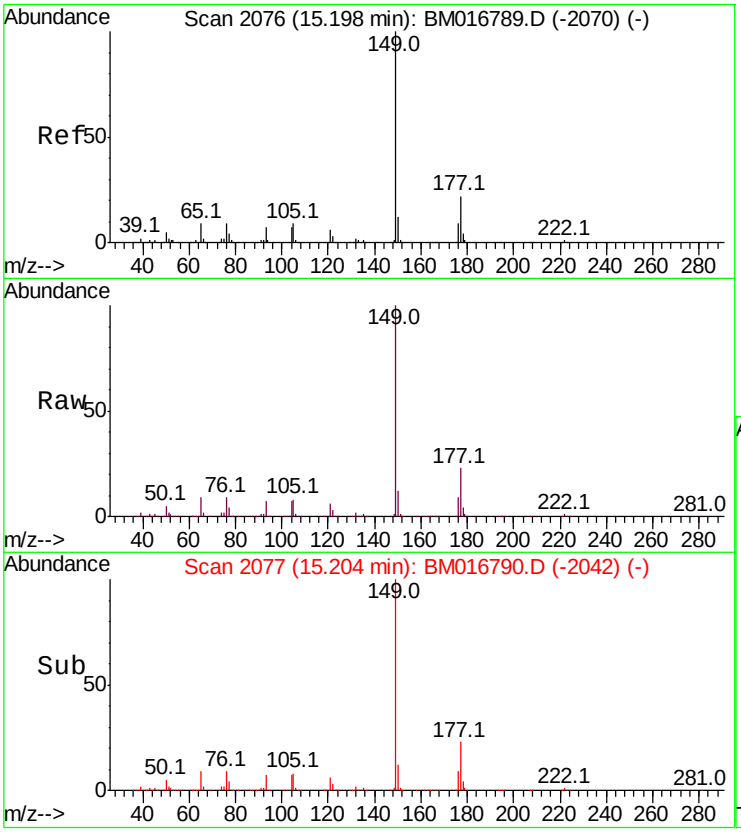


#55
2,4-Dinitrotoluene
Concen: 63.658 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:165 Resp: 1007866

Ion	Ratio	Lower	Upper
165	100		
63	40.1	31.4	47.0
182	3.4	2.7	4.1



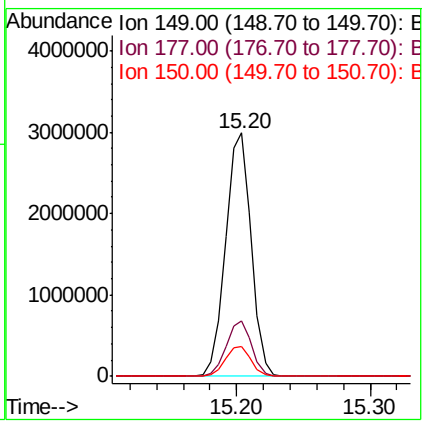


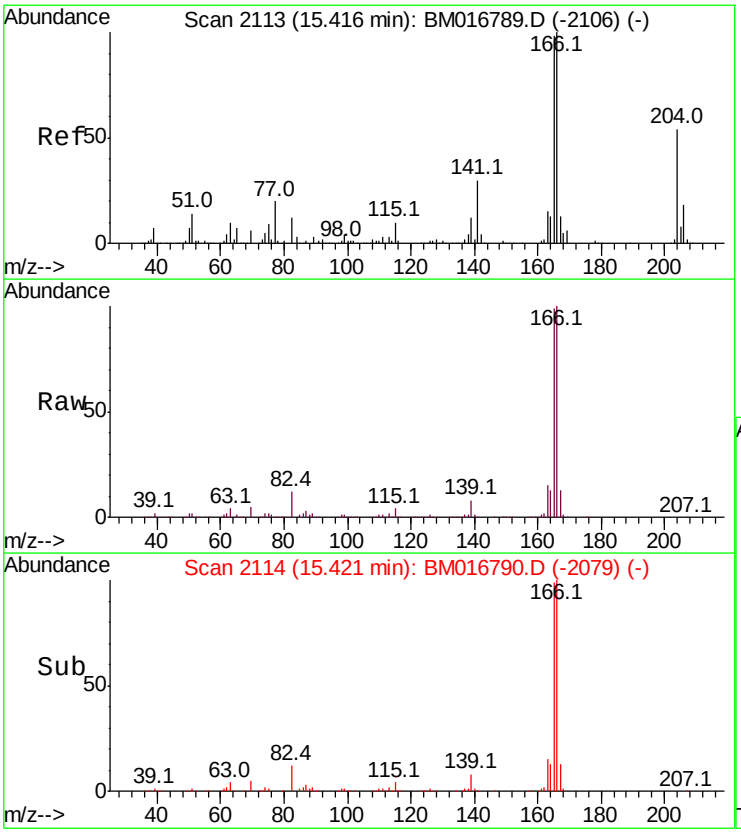
#57
Diethylphthalate
Concen: 57.797 ng/ul
RT: 15.20 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 4013964

Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.3	28.9
150	12.4	10.6	15.8

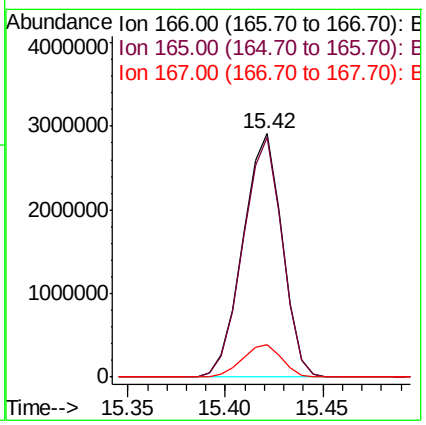


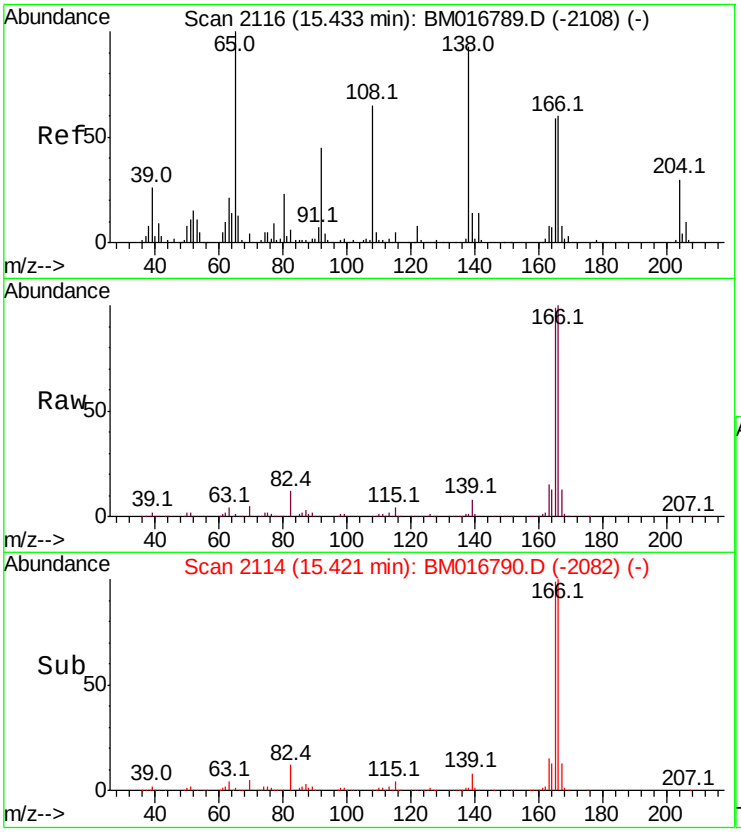


#59
Fluorene
Concen: 57.947 ng/ul
RT: 15.42 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:166 Resp: 4066368

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.4	117.6
167	13.3	11.1	16.7



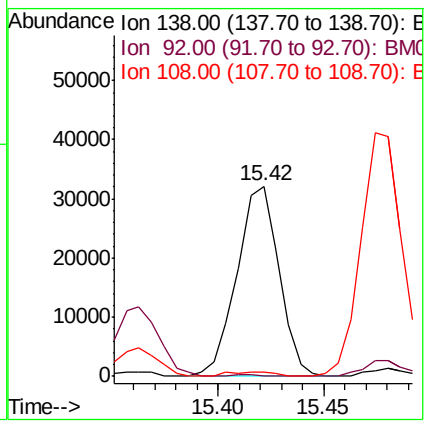


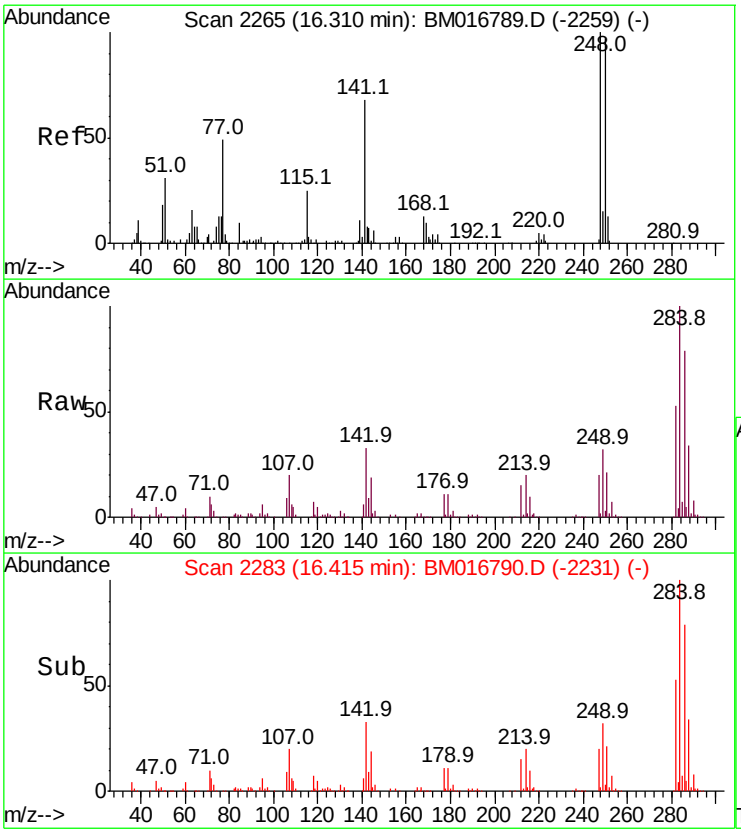
#61
4-Nitroaniline
Concen: 3.089 ng/ul
RT: 15.42 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 44428

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.2	57.4#
108	2.3	70.0	105.0#

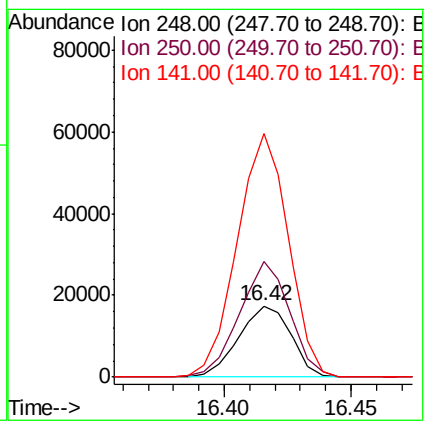


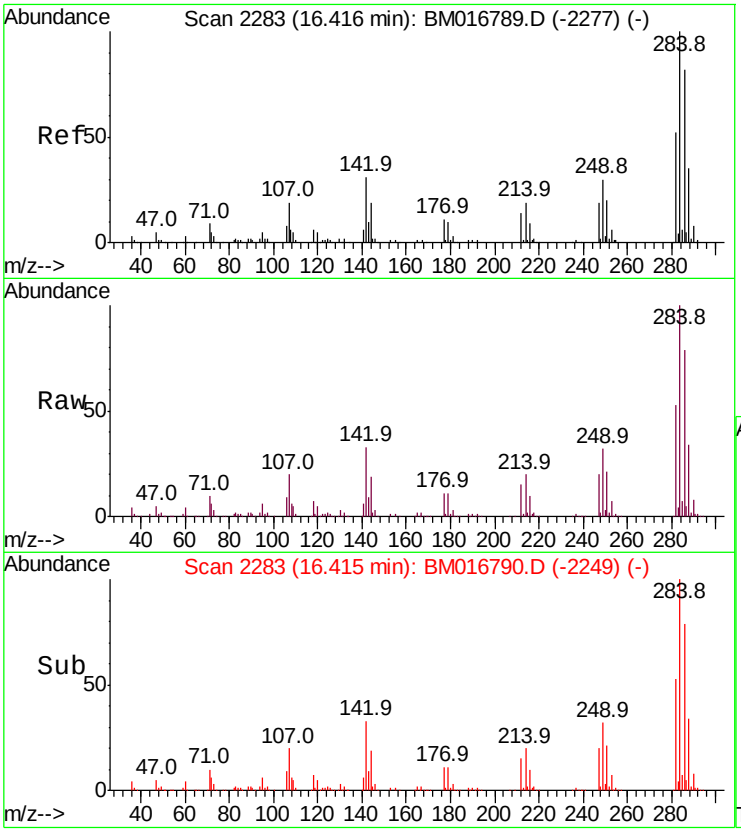


#66
4-Bromophenyl-phenylether
Concen: 1.221 ng/ul
RT: 16.42 min Scan# 2283
Delta R.T. 0.11 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:248 Resp: 24966

Ion	Ratio	Lower	Upper
248	100		
250	162.4	79.0	118.4#
141	343.5	51.9	77.9#



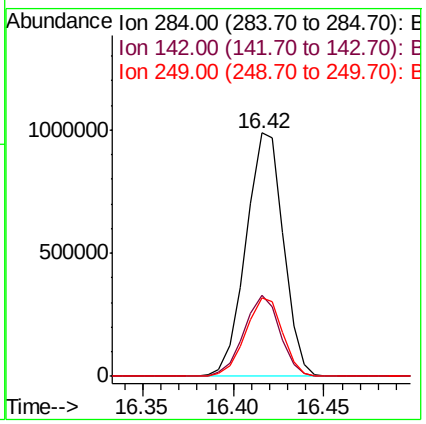


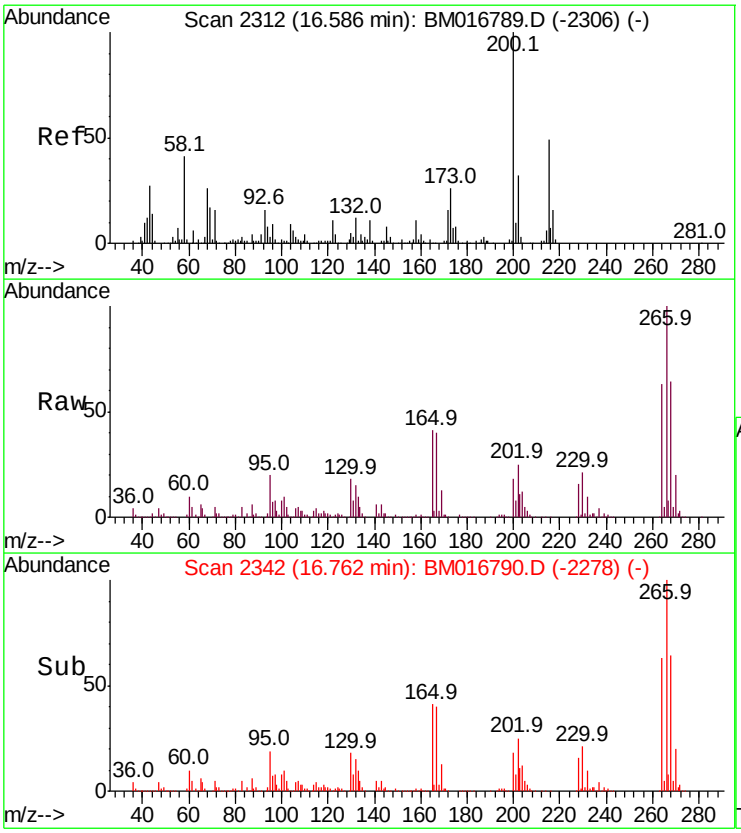
#67
Hexachlorobenzene
Concen: 64.627 ng/ul
RT: 16.42 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 1422371

Ion	Ratio	Lower	Upper
284	100		
142	33.2	21.3	31.9#
249	32.1	26.3	39.5

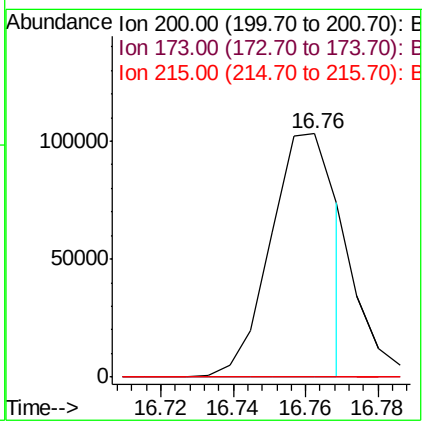


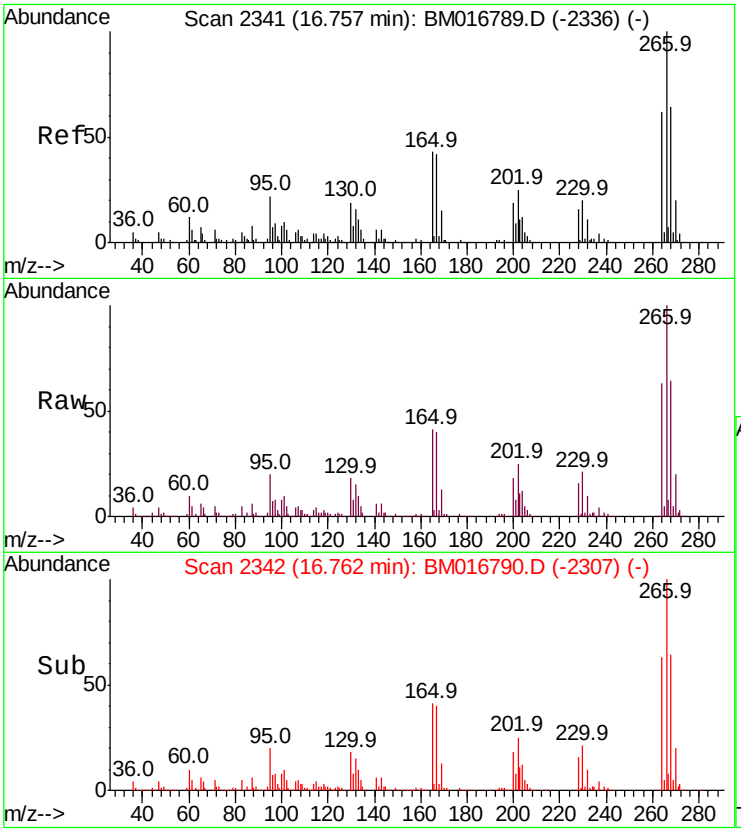


#68
Atrazine
Concen: 6.541 ng/ul
RT: 16.76 min Scan# 2342
Delta R.T. 0.18 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:200 Resp: 129262

Ion	Ratio	Lower	Upper
200	100		
173	0.0	20.6	31.0#
215	0.0	39.8	59.6#



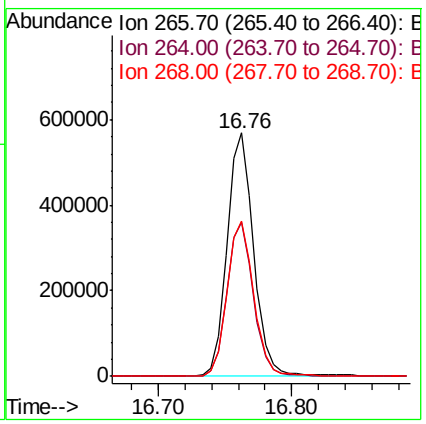


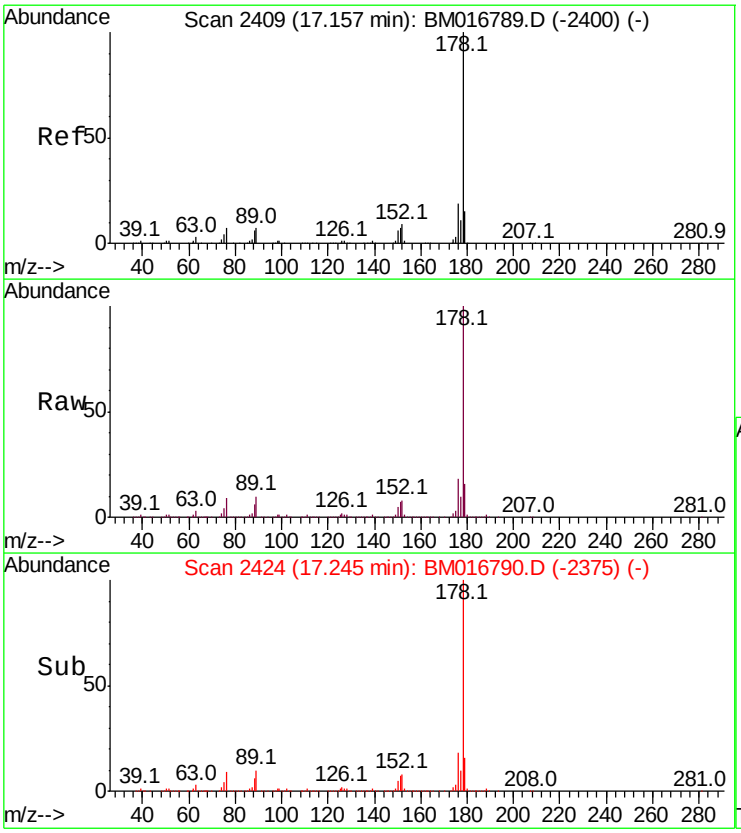
#69
Pentachlorophenol
Concen: 66.720 ng/ul
RT: 16.76 min Scan# 2342
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 794076

Ion	Ratio	Lower	Upper
266	100		
264	63.2	48.2	72.4
268	63.7	52.3	78.5

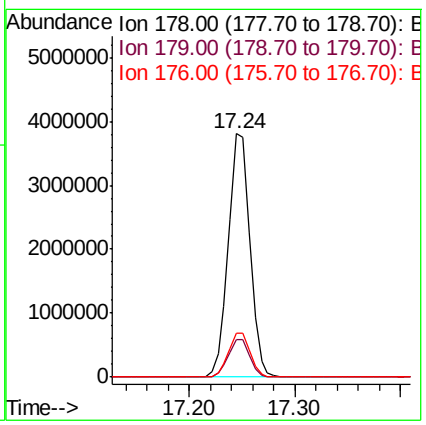


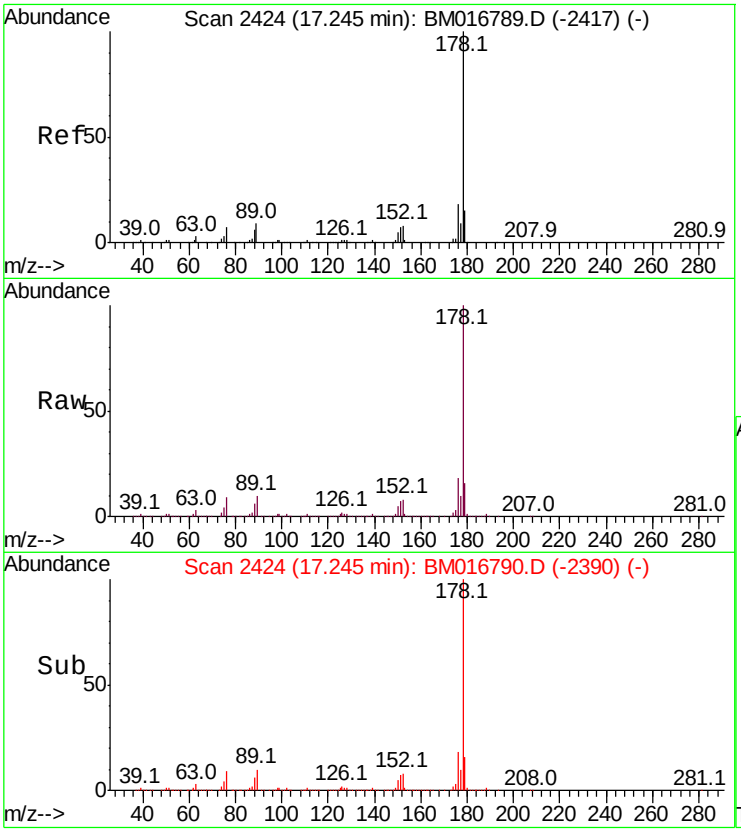


#70
Phenanthrene
Concen: 53.311 ng/ul
RT: 17.24 min Scan# 2424
Delta R.T. 0.09 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:178 Resp: 5352542

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.3	15.4	23.0



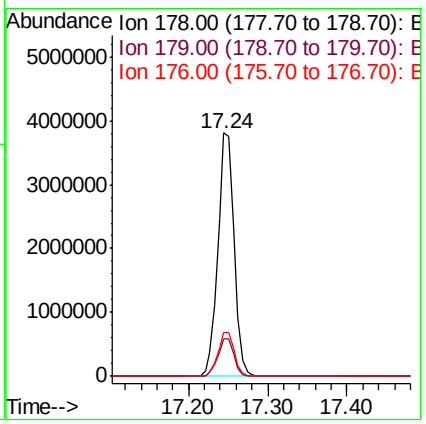


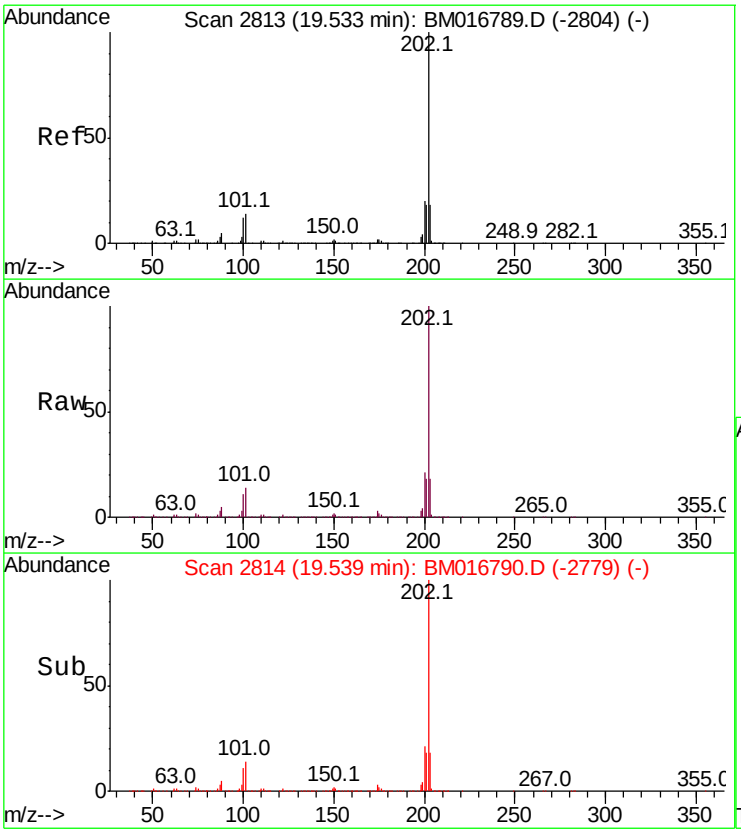
#72
Anthracene
Concen: 51.956 ng/ul
RT: 17.24 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 5355541

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.3	15.4	23.0

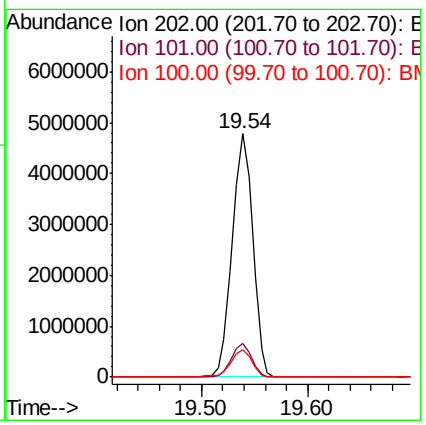


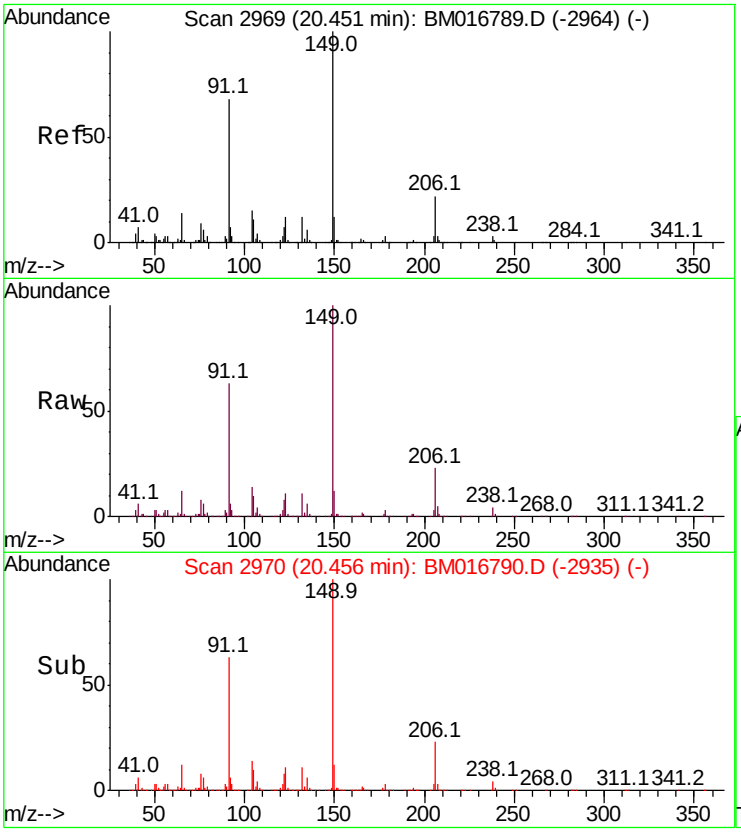


#80
Pyrene
Concen: 69.482 ng/ul
RT: 19.54 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:202 Resp: 6417536

Ion	Ratio	Lower	Upper
202	100		
101	13.9	6.9	10.3#
100	11.3	5.6	8.4#



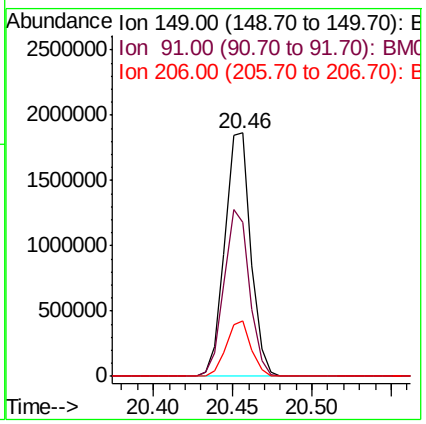


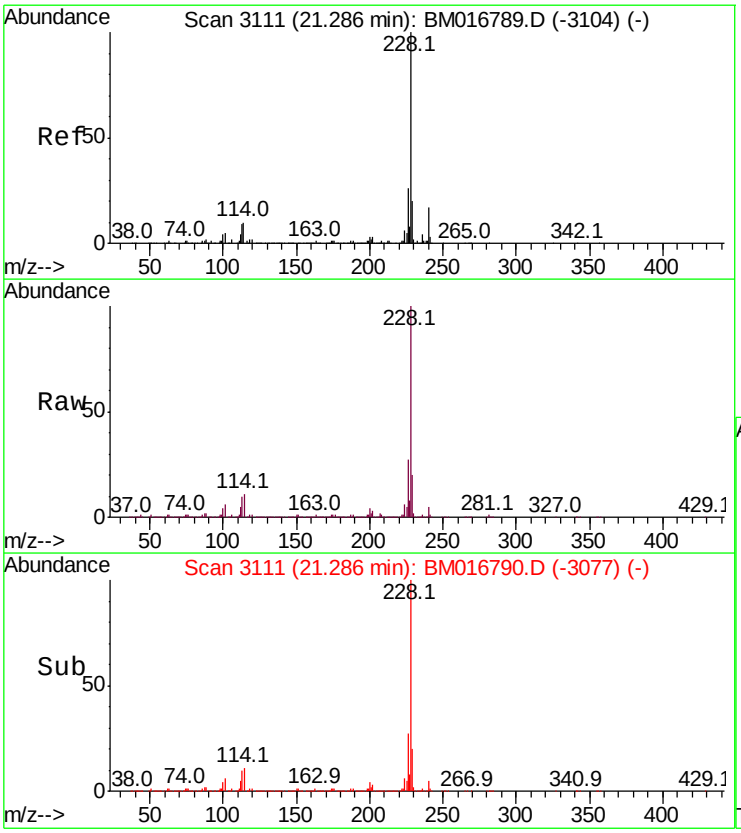
#81
Butylbenzylphthalate
Concen: 61.865 ng/ul
RT: 20.46 min Scan# 2970
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 2113173

Ion	Ratio	Lower	Upper
149	100		
91	63.2	53.4	80.0
206	22.9	19.3	28.9

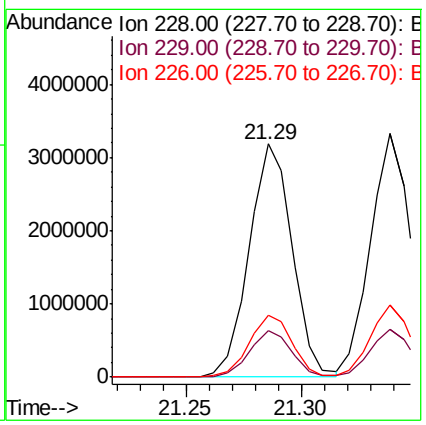


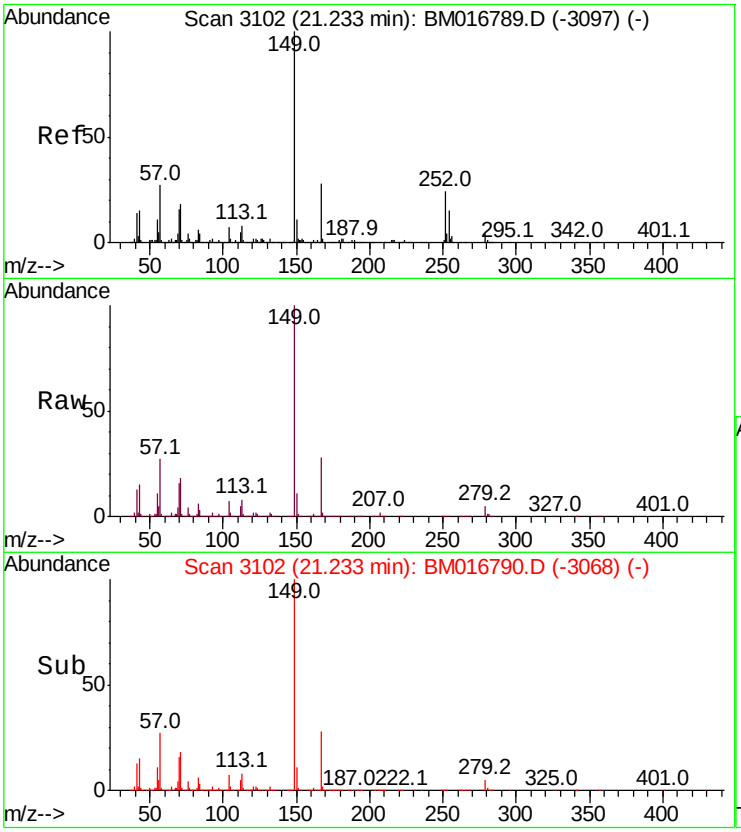


#83
Benzo(a)anthracene
Concen: 44.541 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:228 Resp: 4147699

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.0	24.0
226	26.8	21.8	32.8



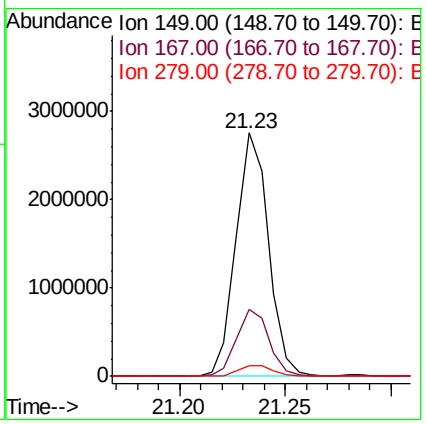


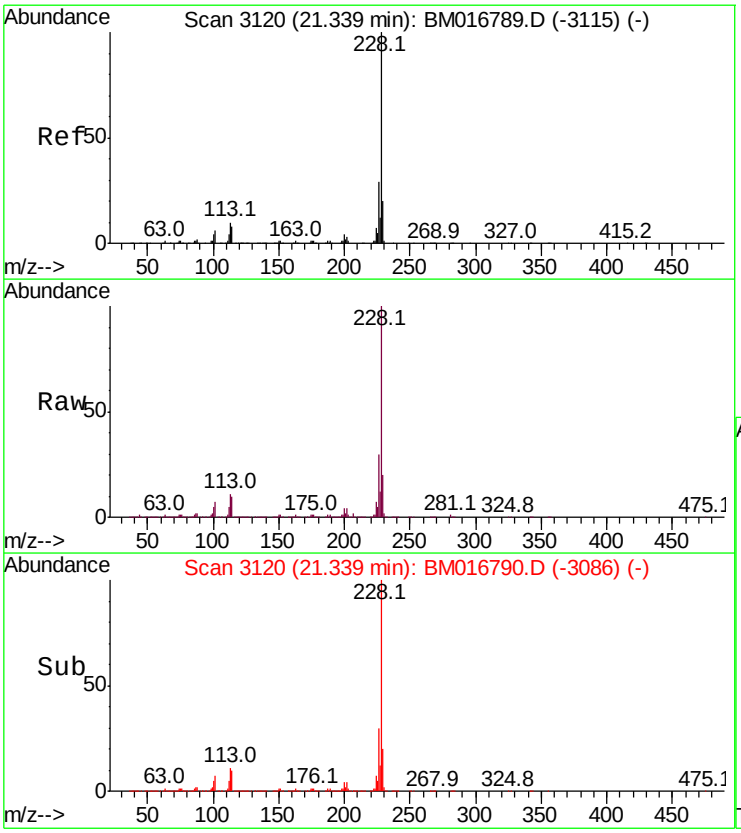
#84
Bis(2-ethylhexyl)phthalate
Concen: 54.717 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 2937282

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.6
279	4.6	4.3	6.5

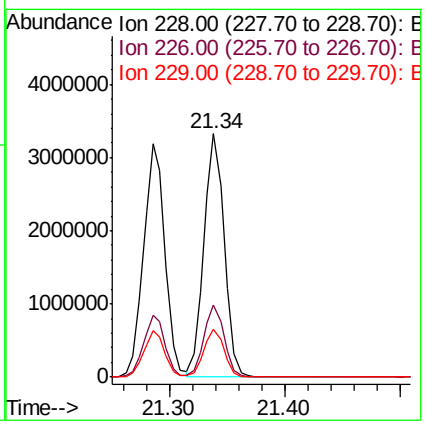


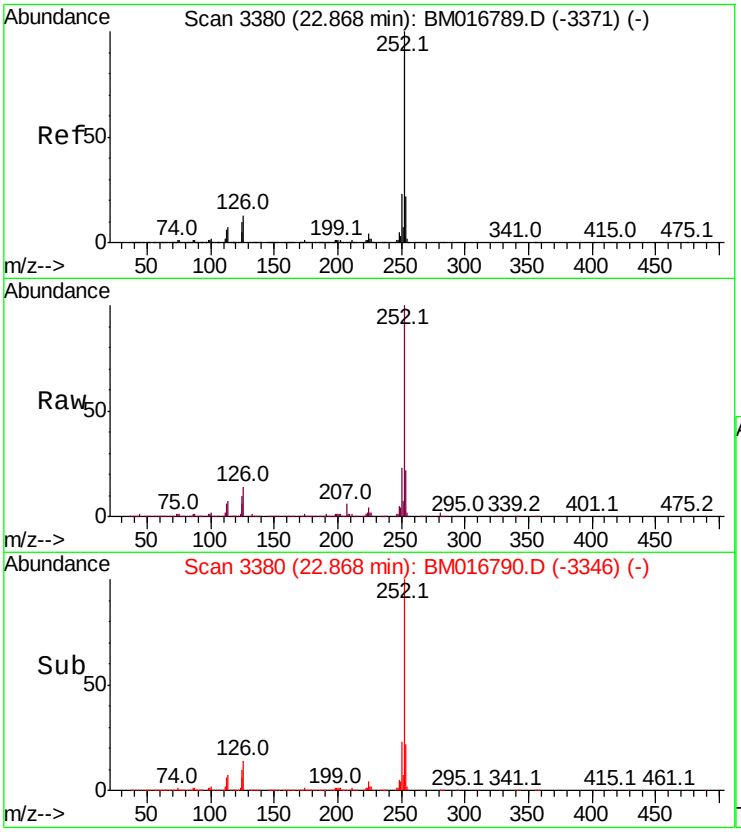


#85
Chrysene
Concen: 47.051 ng/ul
RT: 21.34 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:228 Resp: 4086050

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.5	16.0	24.0



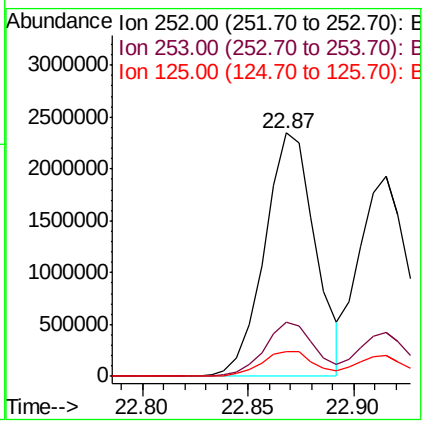


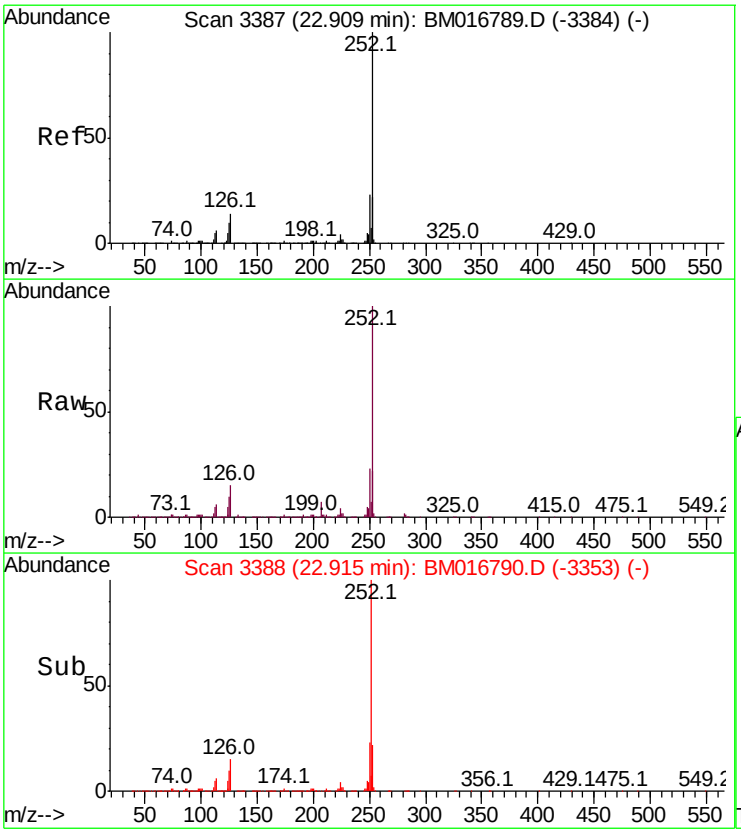
#88
Benzo(b)fluoranthene
Concen: 47.015 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3919297

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.3	4.9	7.3#

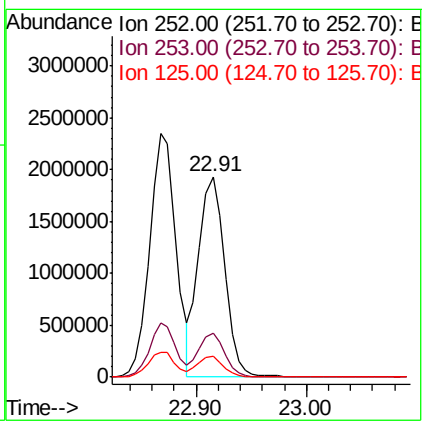


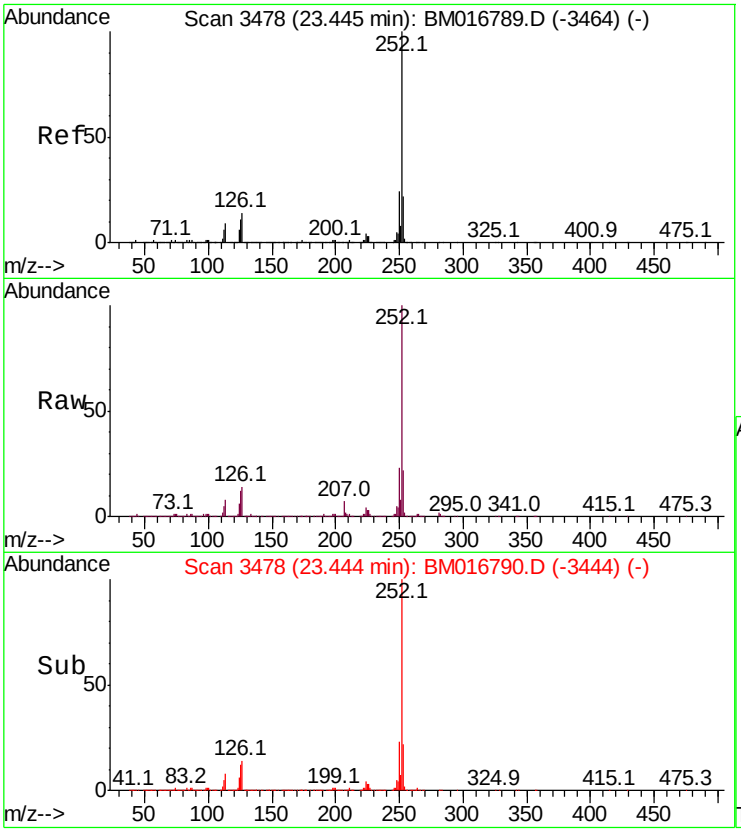


#89
Benzo(k)fluoranthene
Concen: 39.205 ng/ul
RT: 22.91 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:252 Resp: 3138312

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.3	5.4	8.0#



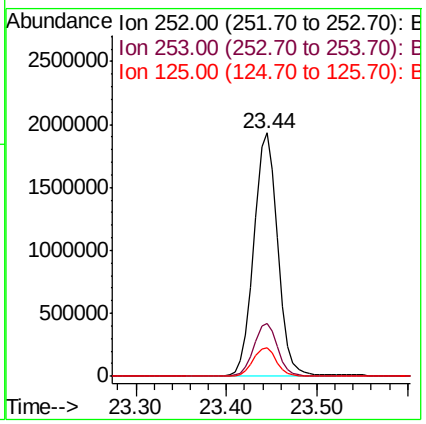


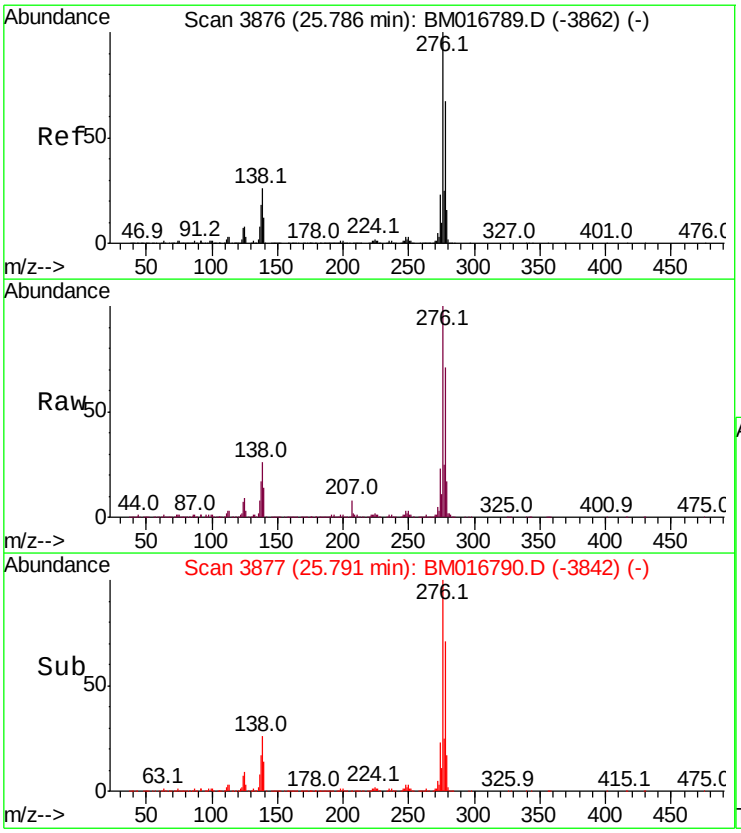
#91
Benzo(a)pyrene
Concen: 44.538 ng/ul
RT: 23.44 min Scan# 3478
Delta R.T. -0.00 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3539062

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.9	5.8	8.6#

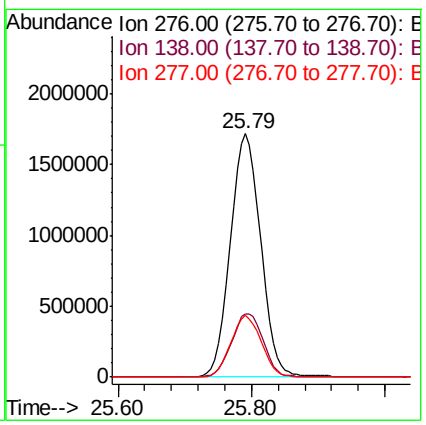


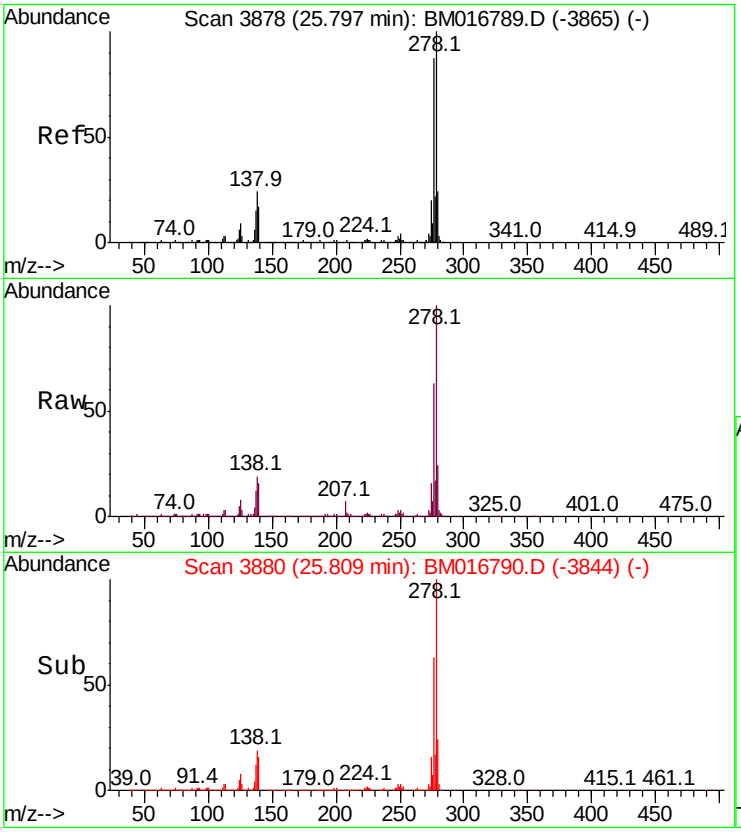


#92
Indeno(1,2,3-cd)pyrene
Concen: 57.464 ng/ul
RT: 25.79 min Scan# 3877
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Tgt Ion:276 Resp: 5447004

Ion	Ratio	Lower	Upper
276	100		
138	26.0	10.9	16.3#
277	25.4	18.9	28.3





#93
Dibenzo(a,h)anthracene
Concen: 63.946 ng/ul
RT: 25.81 min Scan# 3880
Delta R.T. 0.01 min
Lab File: BM016790.D
Acq: 19 Sep 2018 10:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 5070481

Ion	Ratio	Lower	Upper
278	100		
139	16.3	9.0	13.4#
279	24.1	19.1	28.7