Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016799.D
Acq On : 19 Sep 2018 17:03
Operator : SJ/JU
Sample : J4914-07
Misc : PT
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2D95

Quant Time: Sep 20 02:51:43 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	7.72	152	271513	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1128446	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	616345	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	1399394	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1654455	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1705464	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	36468	5.74	ng/uL	0.00
5) Phenol-d5	6.90	99	731868	31.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	447632	31.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	612891	32.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	588710	33.22	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	278729	37.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	270185	40.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	576217	33.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	815759	39.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	1714611	34.65	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2226786	34.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	289257	35.61	ng/ul	0.00
58) Fluorene-d10	15.36	176	1544661	35.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	196423	34.19	ng/ul	0.00
71) Anthracene-d10	17.21	188	2377753	35.22	ng/ul	0.00
79) Pyrene-d10	19.50	212	2720404	33.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	3229872	36.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	401302	17.555	ng/ul	99
10) 2-Chlorophenol	7.29	128	334744	17.831	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	608054	21.847	ng/ul	97
17) Hexachloroethane	8.79	117	128886	17.479	ng/ul	86
27) 2,4-Dichlorophenol	10.15	162	308850	18.765	ng/ul	97
28) Naphthalene	10.55	128	1075652	18.538	ng/ul	99
31) Hexachlorobutadiene	10.84	225	304074	27.371	ng/ul	98
46) 2,6-Dinitrotoluene	13.94	165	236639	31.855	ng/ul	100
50) Acenaphthene	14.43	153	821901	19.134	ng/ul	99
55) 2,4-Dinitrotoluene	14.73	165	356746	32.658	ng/ul	97
57) Diethylphthalate	15.20	149	1099471	22.946	ng/ul	97
59) Fluorene	15.42	166	941380	19.444	ng/ul	99
67) Hexachlorobenzene	16.42	284	395957	23.238	ng/ul	95
69) Pentachlorophenol	16.76	266	383951	41.669	ng/ul	98
72) Anthracene	17.24	178	1329375	16.658	ng/ul	97
80) Pyrene	19.53	202	1901670	18.719	ng/ul#	88
81) Butylbenzylphthalate	20.45	149	1342610	35.737	ng/ul	98
83) Benzo(a)anthracene	21.29	228	1866499	18.224	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1590143	26.932	ng/ul	97
85) Chrysene	21.34	228	1882780	19.712	ng/ul	98
88) Benzo(b)fluoranthene	22.87	252	3210344	31.449	ng/ul#	97
89) Benzo(k)fluoranthene	22.91	252	1849911	18.873	ng/ul#	96
91) Benzo(a)pyrene	23.44	252	1767268	18.162	ng/ul#	96

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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
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Quant Time: Sep 20 02:51:43 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)
92) Indeno(1,2,3-cd)pyrene	25.79	276	3183874	27.430	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.80	278	2335537	24.054	ng/ul#	95

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

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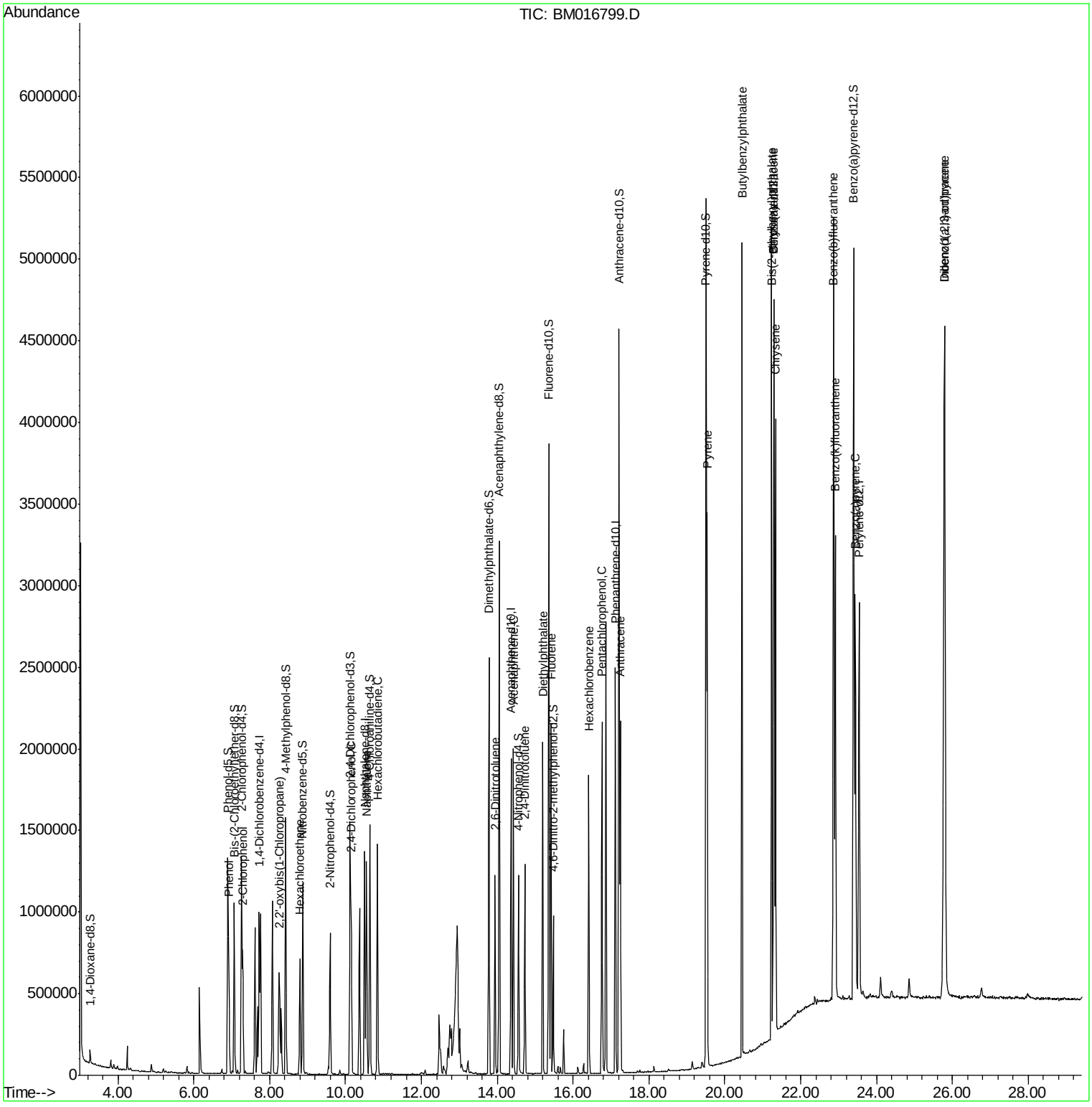
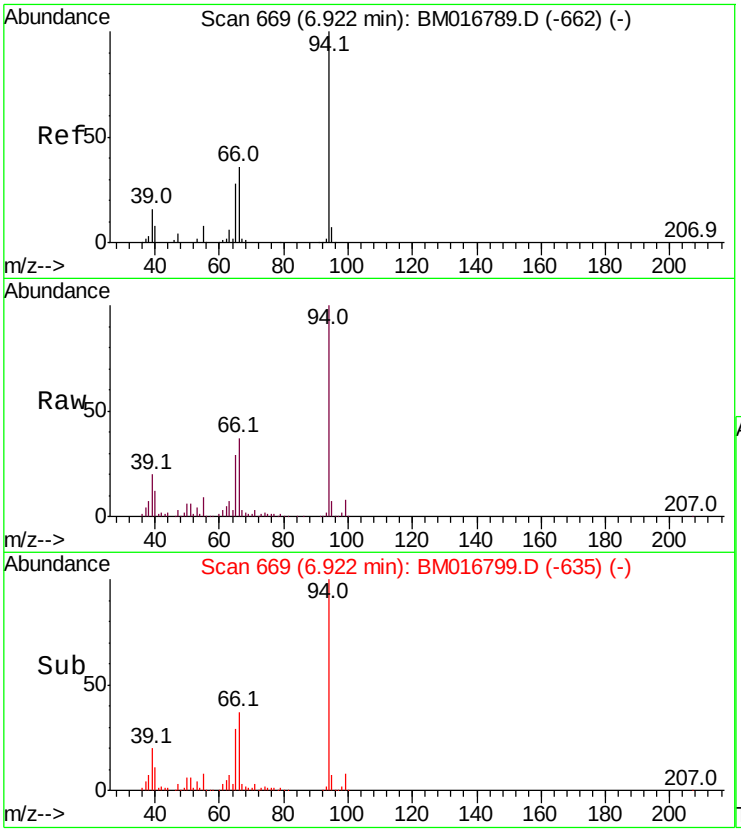
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 01:54:47 2018
Response via : Initial Calibration



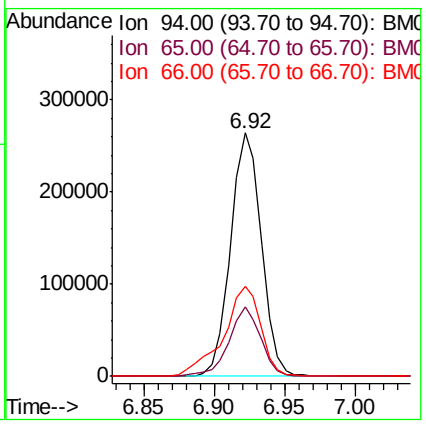


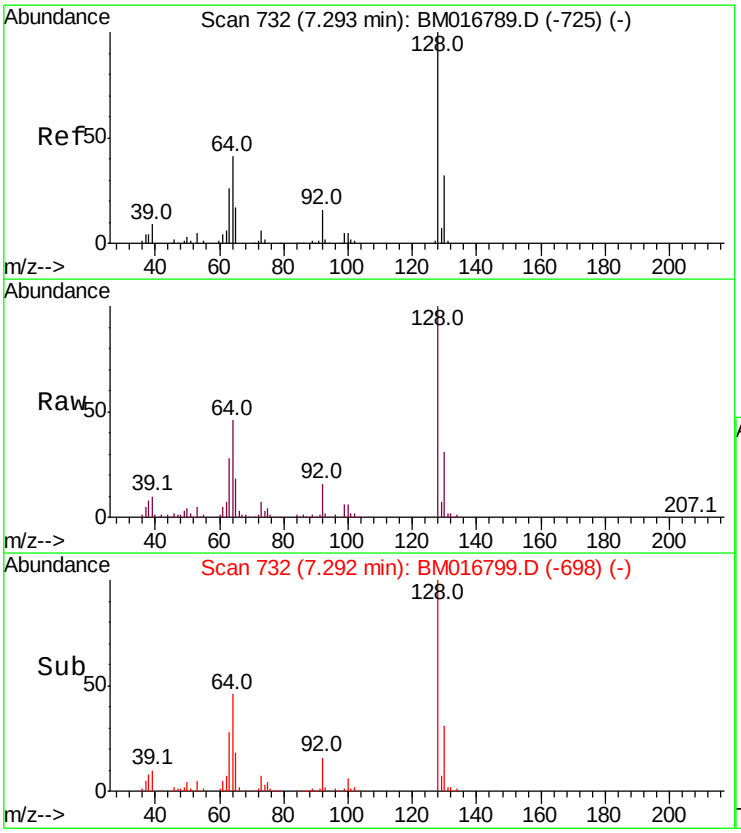
#6
Phenol
Concen: 17.555 ng/ul
RT: 6.92 min Scan# 669
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion: 94 Resp: 401302

Ion	Ratio	Lower	Upper
94	100		
65	28.6	23.0	34.6
66	37.1	30.4	45.6

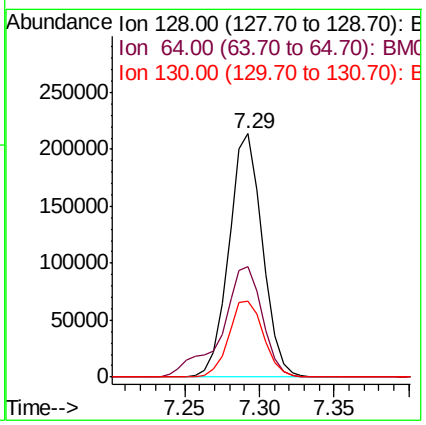


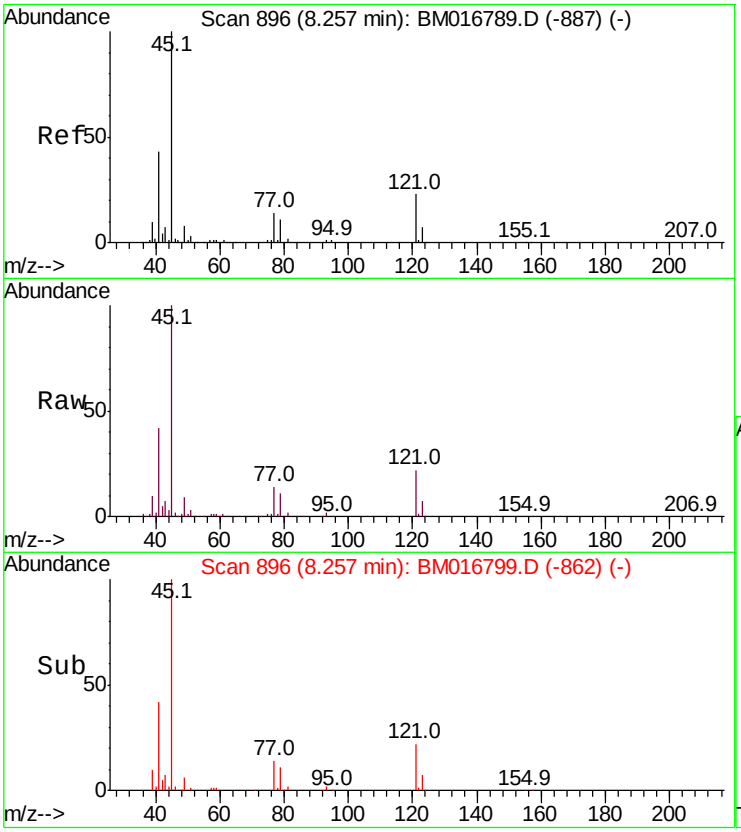


#10
2-Chlorophenol
Concen: 17.831 ng/ul
RT: 7.29 min Scan# 732
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:128 Resp: 334744

Ion	Ratio	Lower	Upper
128	100		
64	45.6	39.8	59.6
130	31.4	25.8	38.8



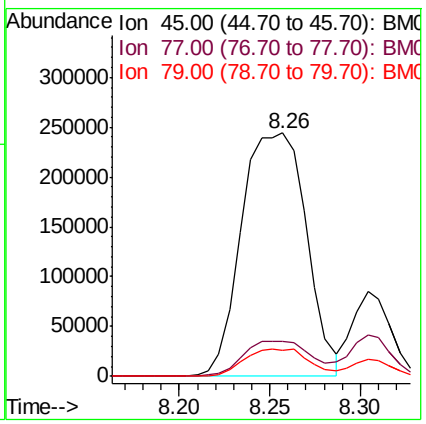


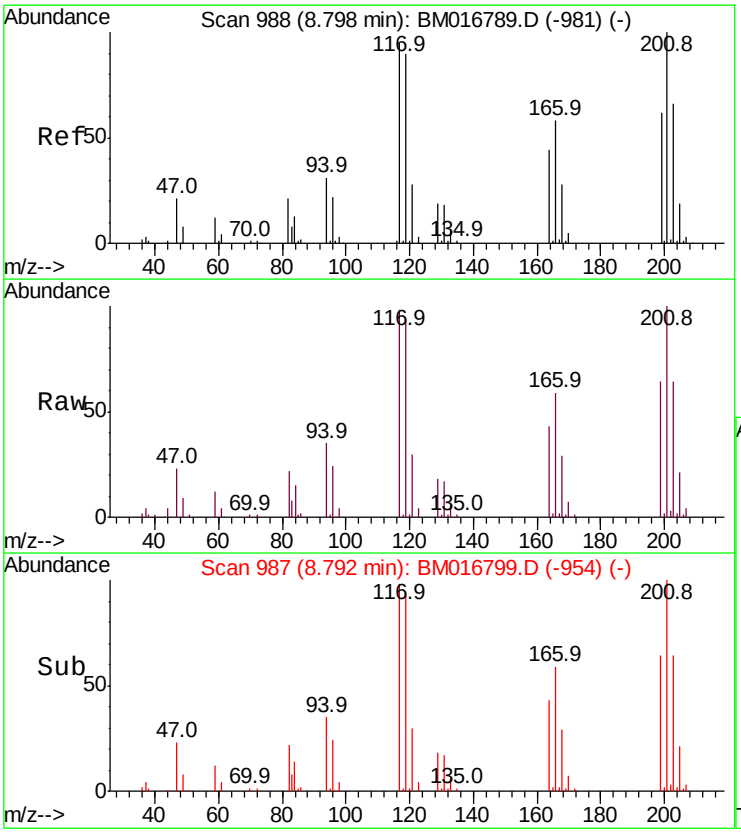
#12
2,2'-oxybis(1-Chloropropane)
Concen: 21.847 ng/ul
RT: 8.26 min Scan# 896
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion: 45 Resp: 608054

Ion	Ratio	Lower	Upper
45	100		
77	14.3	12.5	18.7
79	10.9	9.4	14.2

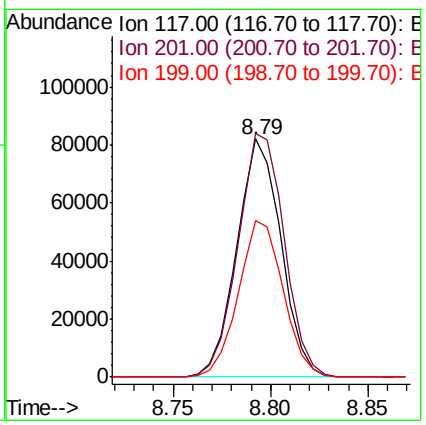


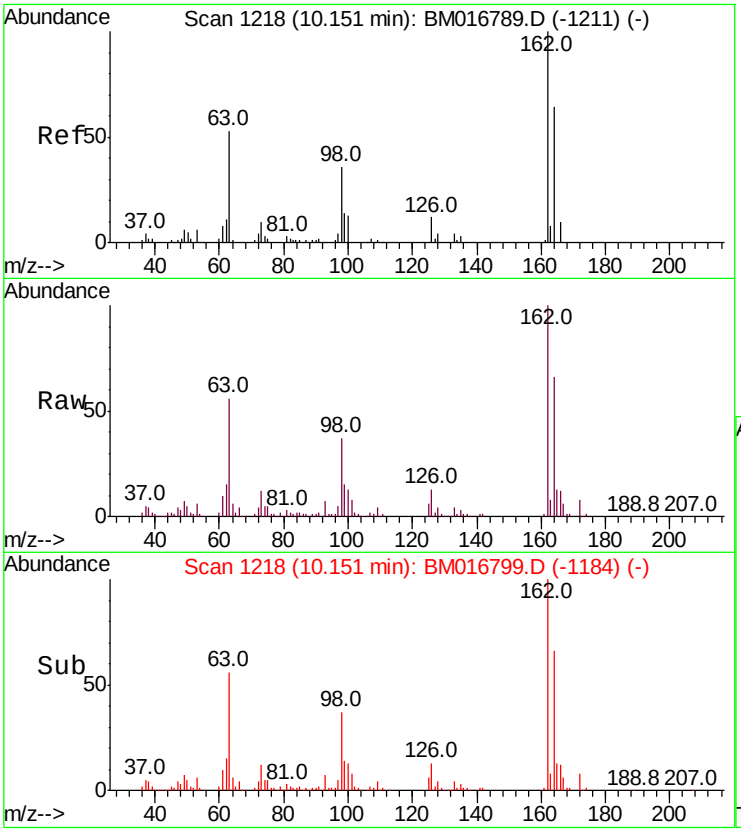


#17
Hexachloroethane
Concen: 17.479 ng/ul
RT: 8.79 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:117 Resp: 128886

Ion	Ratio	Lower	Upper
117	100		
201	102.2	96.1	144.1
199	65.8	59.7	89.5



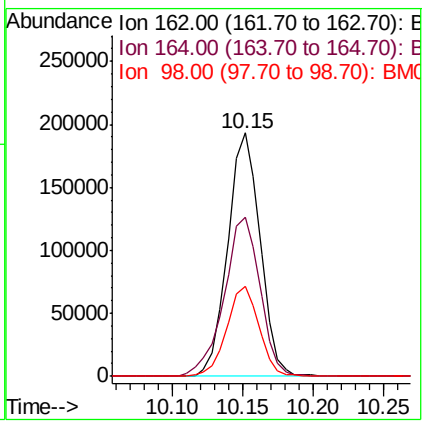


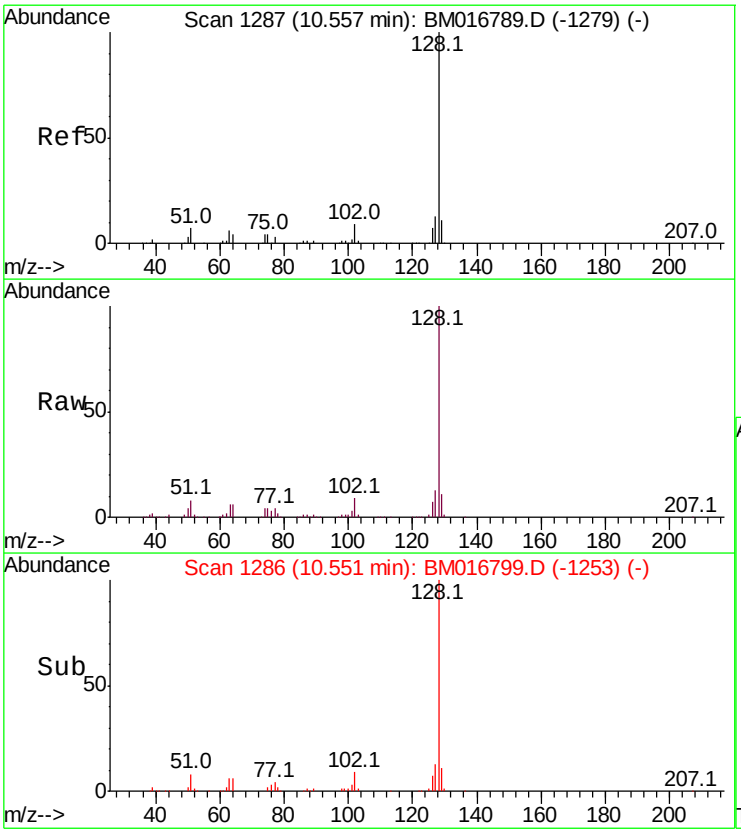
#27
2,4-Dichlorophenol
Concen: 18.765 ng/ul
RT: 10.15 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion:162 Resp: 308850

Ion	Ratio	Lower	Upper
162	100		
164	65.6	52.0	78.0
98	36.9	26.6	39.8

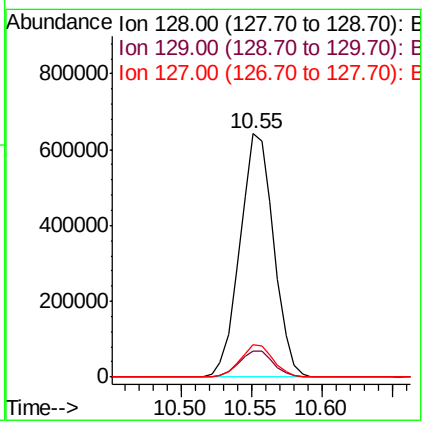


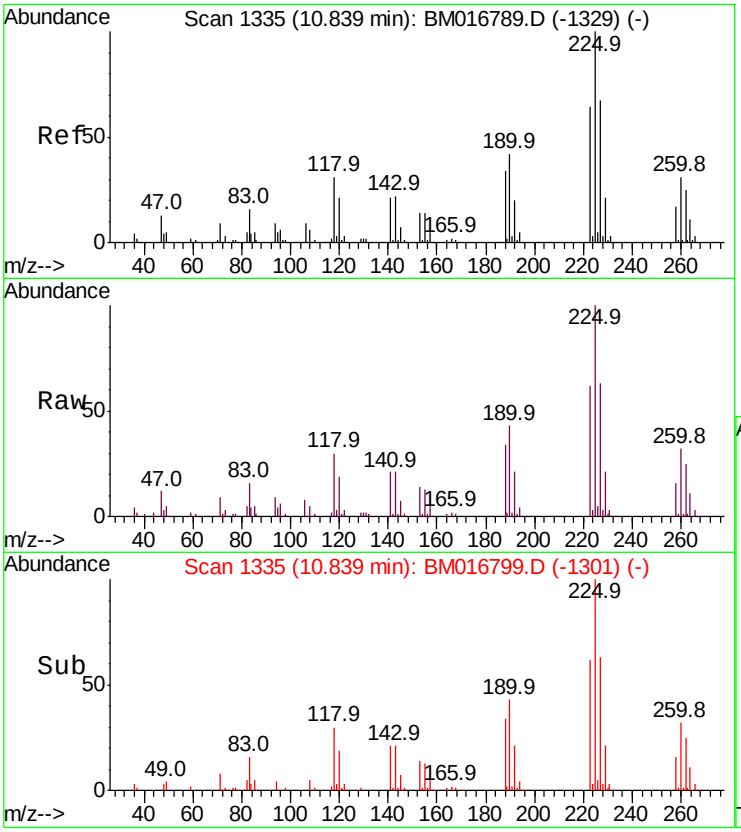


#28
Naphthalene
Concen: 18.538 ng/ul
RT: 10.55 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:128 Resp: 1075652

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



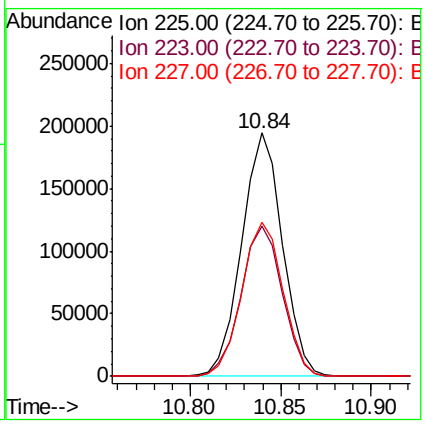


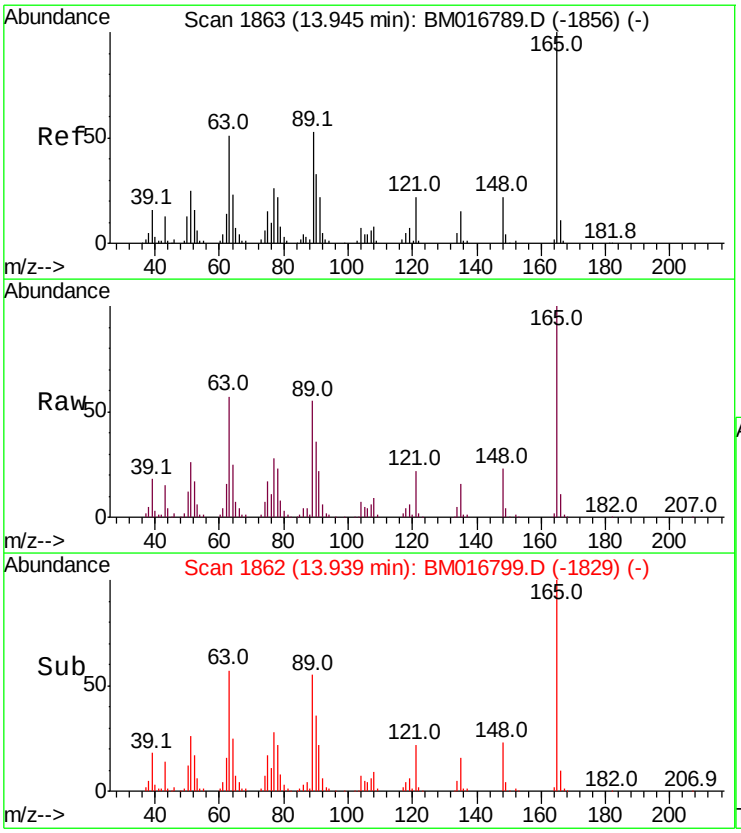
#31
Hexachlorobutadiene
Concen: 27.371 ng/ul
RT: 10.84 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion:225 Resp: 304074

Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.1	72.1
227	63.4	52.1	78.1

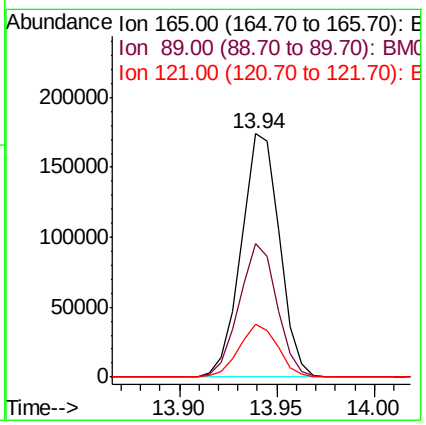


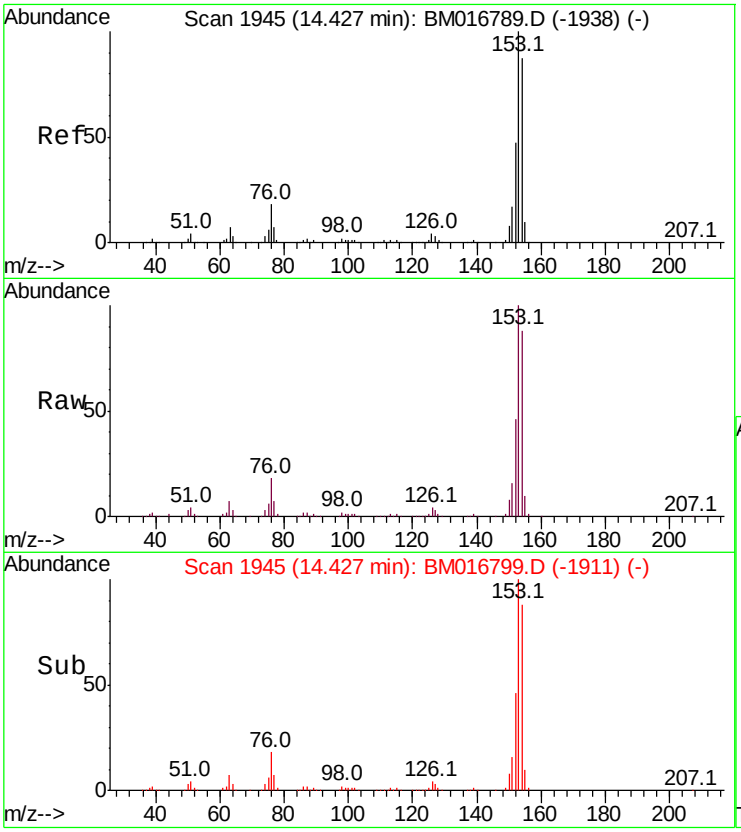


#46
2,6-Dinitrotoluene
Concen: 31.855 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:165 Resp: 236639

Ion	Ratio	Lower	Upper
165	100		
89	54.9	43.8	65.8
121	22.0	17.8	26.6



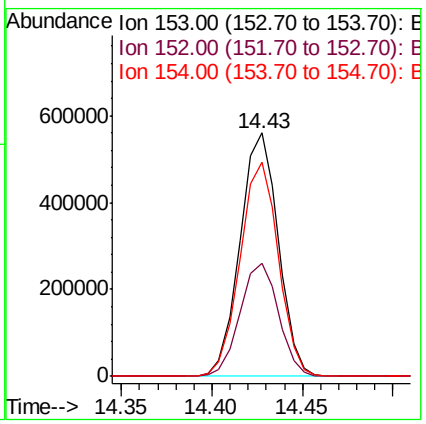


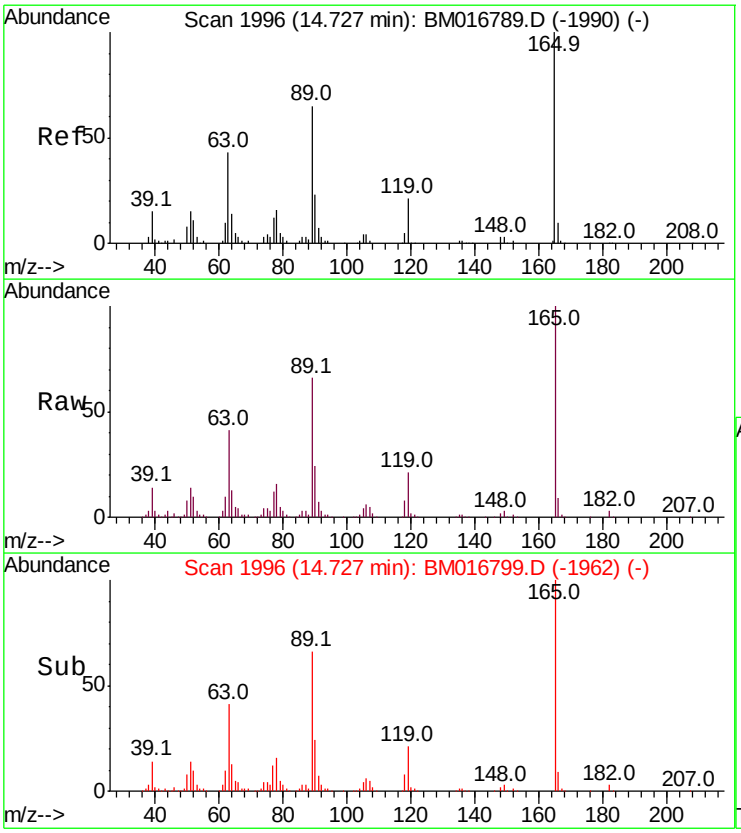
#50
Acenaphthene
Concen: 19.134 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion:153 Resp: 821901

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.9	56.9
154	88.2	69.8	104.6

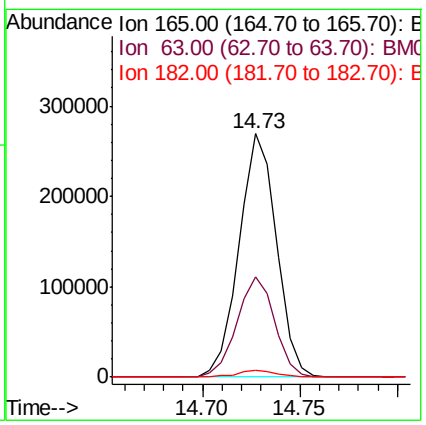


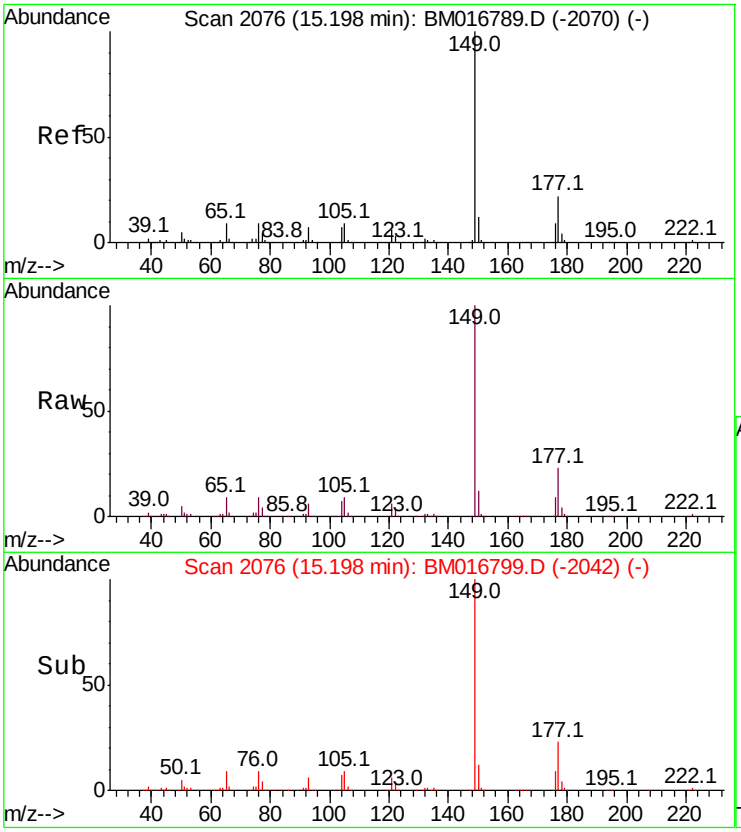


#55
2,4-Dinitrotoluene
Concen: 32.658 ng/ul
RT: 14.73 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:165 Resp: 356746

Ion	Ratio	Lower	Upper
165	100		
63	41.0	31.4	47.0
182	3.0	2.7	4.1



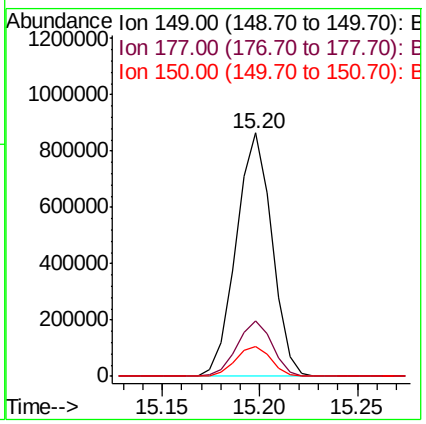


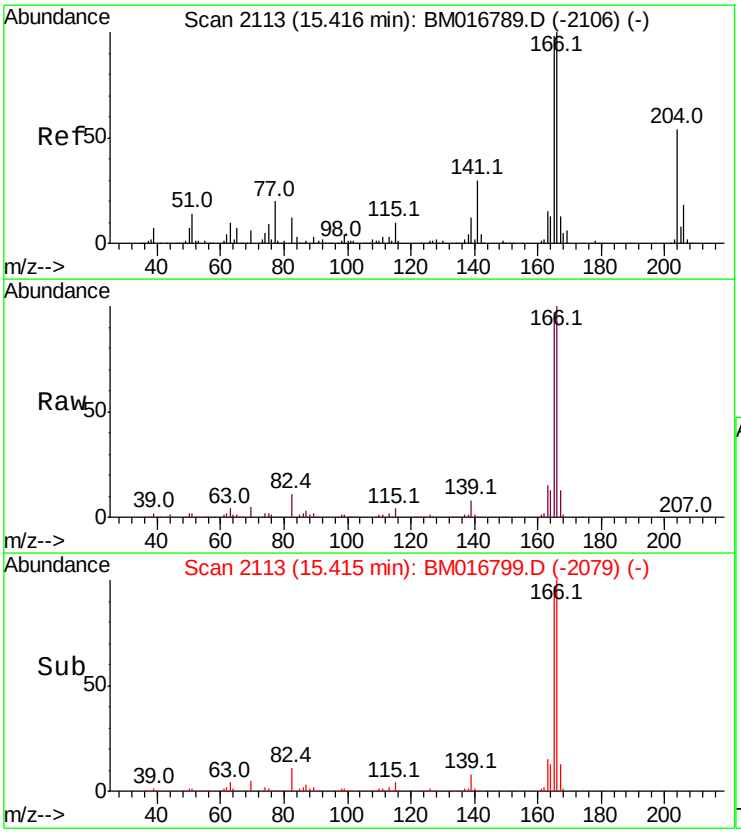
#57
Diethylphthalate
Concen: 22.946 ng/ul
RT: 15.20 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion:149 Resp: 1099471

Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.3	28.9
150	12.3	10.6	15.8

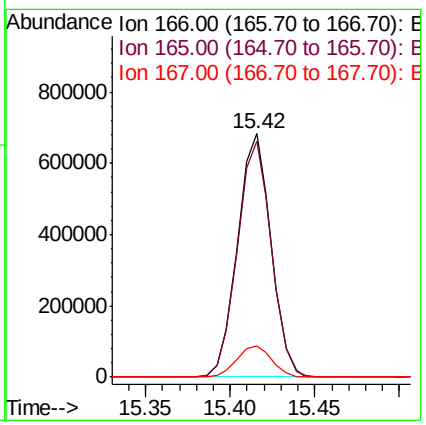


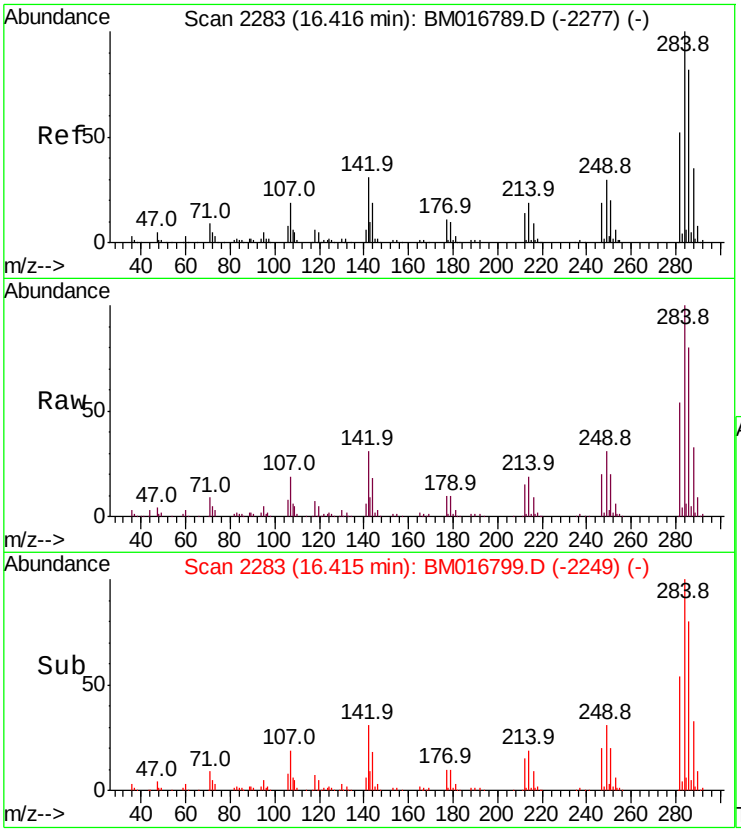


#59
Fluorene
Concen: 19.444 ng/ul
RT: 15.42 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:166 Resp: 941380

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.4	117.6
167	13.0	11.1	16.7



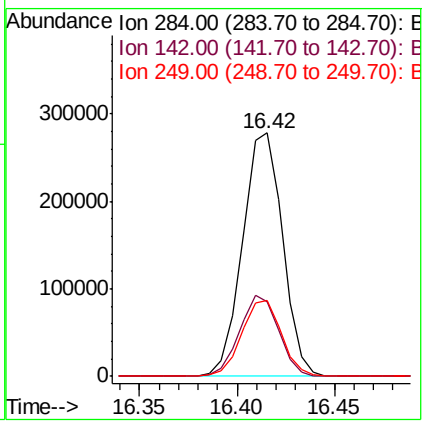


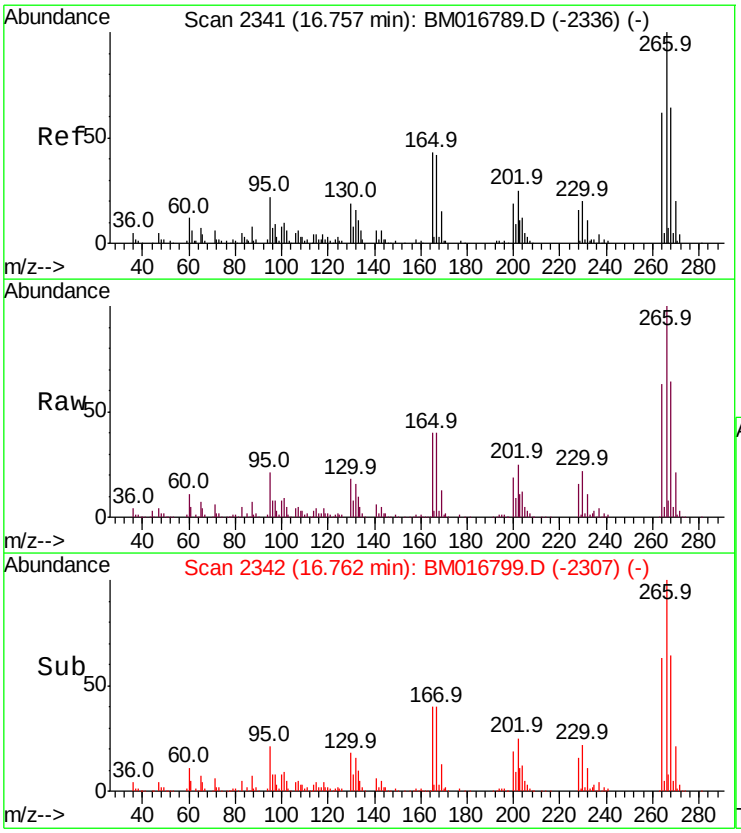
#67
Hexachlorobenzene
Concen: 23.238 ng/ul
RT: 16.42 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion:284 Resp: 395957

Ion	Ratio	Lower	Upper
284	100		
142	30.6	21.3	31.9
249	31.4	26.3	39.5

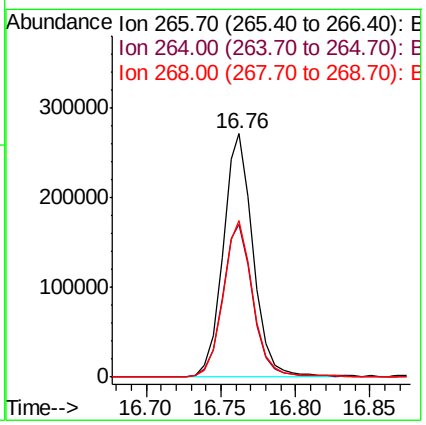


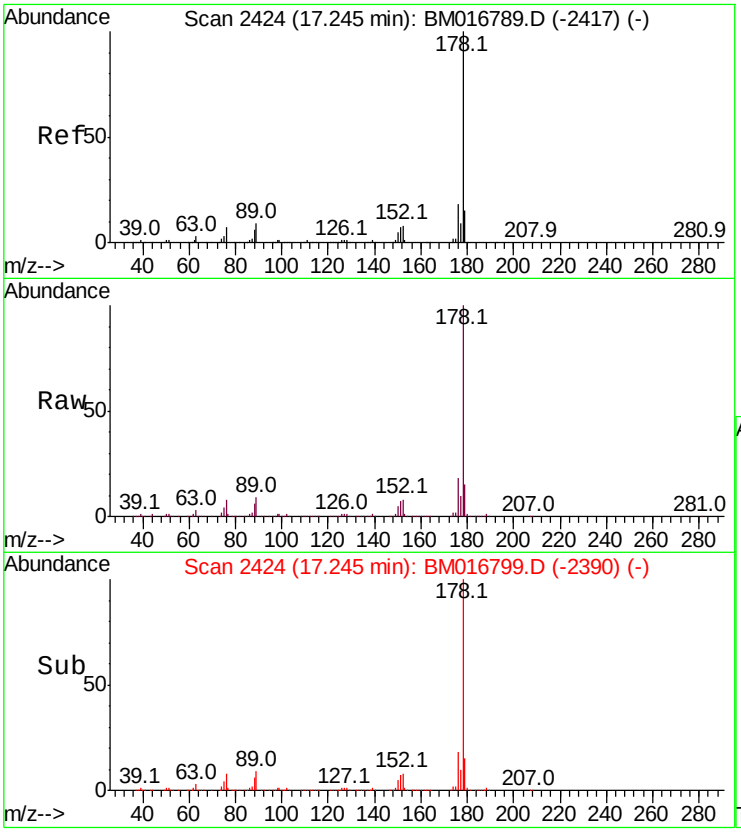


#69
Pentachlorophenol
Concen: 41.669 ng/ul
RT: 16.76 min Scan# 2342
Delta R.T. 0.01 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:266 Resp: 383951

Ion	Ratio	Lower	Upper
266	100		
264	62.6	48.2	72.4
268	64.4	52.3	78.5



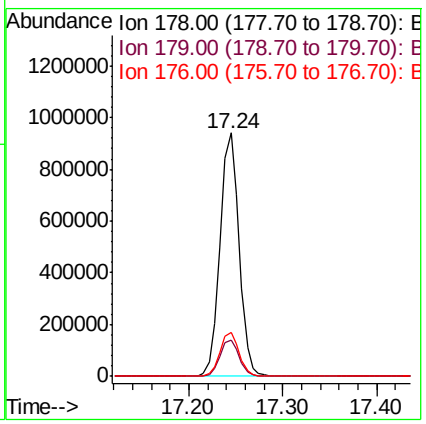


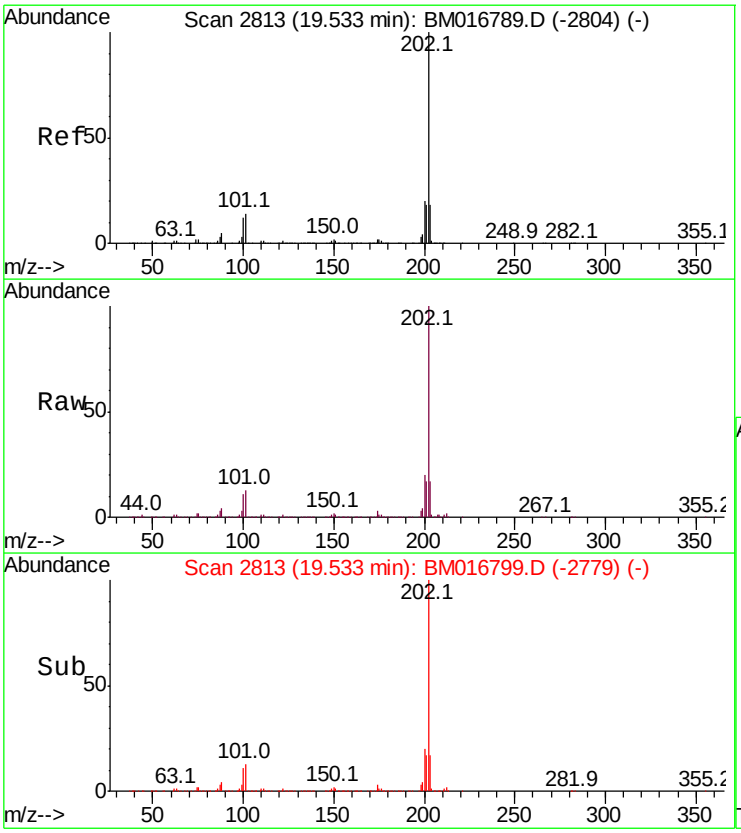
#72
Anthracene
Concen: 16.658 ng/ul
RT: 17.24 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion:178 Resp: 1329375

Ion	Ratio	Lower	Upper
178	100		
179	15.1	13.4	20.2
176	18.2	15.4	23.0

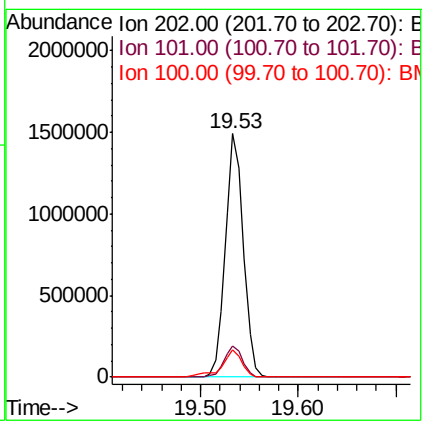


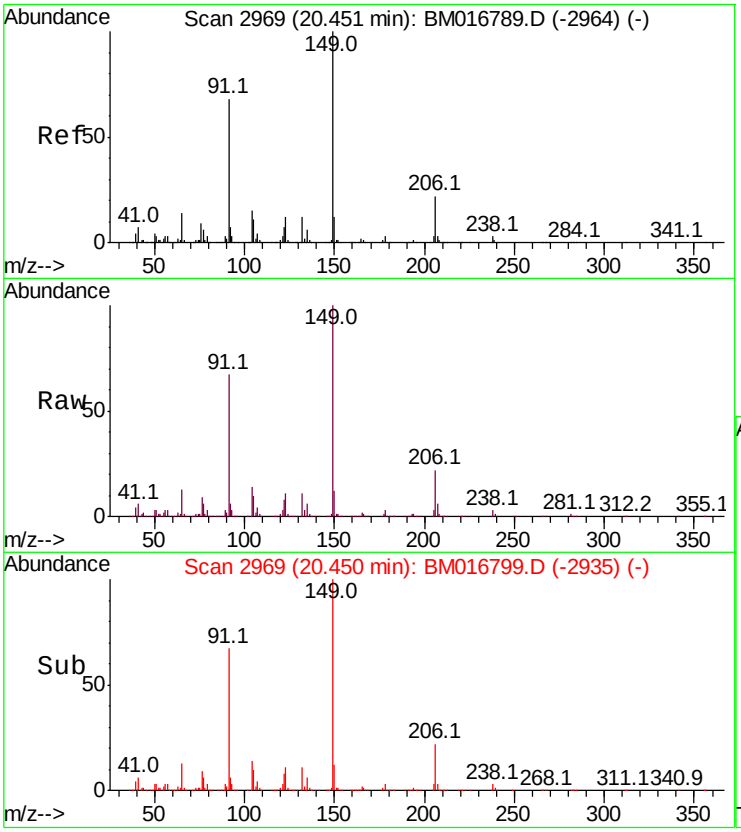


#80
Pyrene
Concen: 18.719 ng/ul
RT: 19.53 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:202 Resp: 1901670

Ion	Ratio	Lower	Upper
202	100		
101	12.9	6.9	10.3#
100	11.1	5.6	8.4#



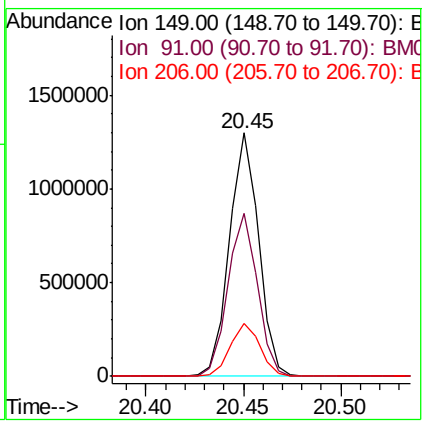


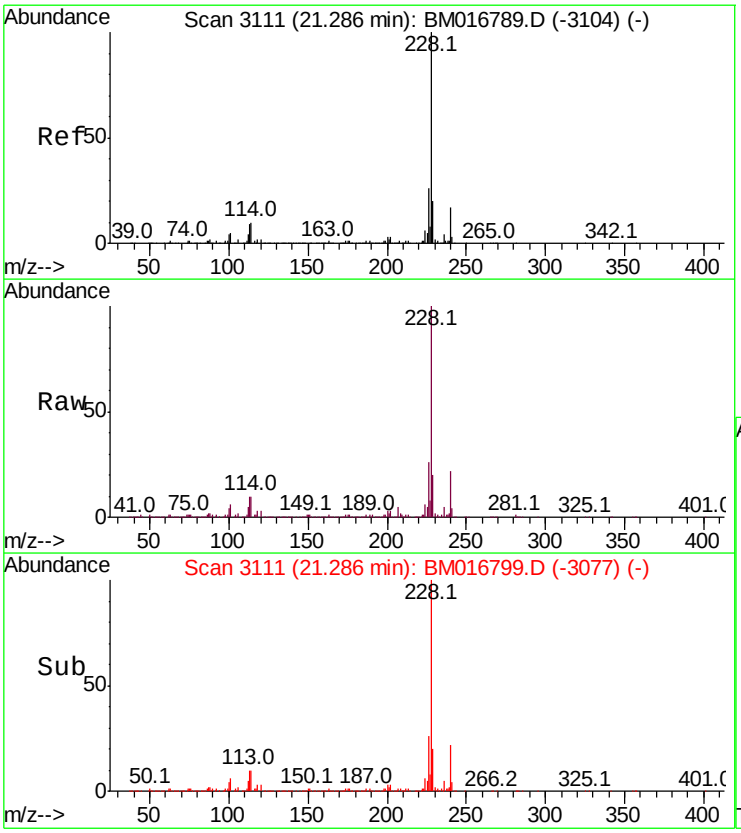
#81
Butylbenzylphthalate
Concen: 35.737 ng/ul
RT: 20.45 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion:149 Resp: 1342610

Ion	Ratio	Lower	Upper
149	100		
91	67.1	53.4	80.0
206	21.6	19.3	28.9

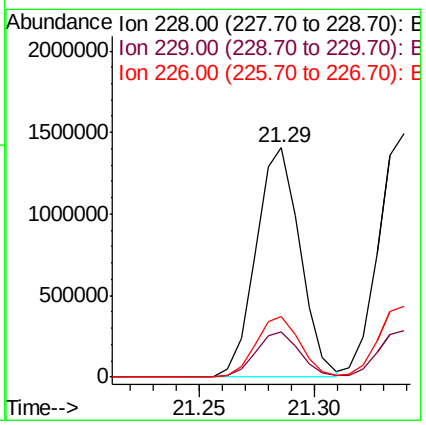


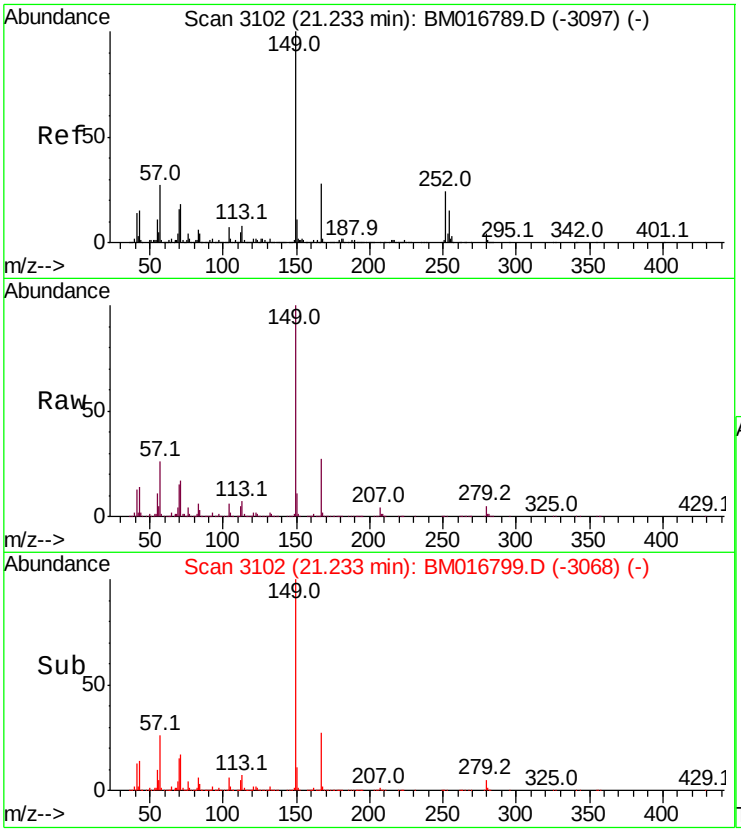


#83
Benzo(a)anthracene
Concen: 18.224 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:228 Resp: 1866499

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.0	24.0
226	26.2	21.8	32.8



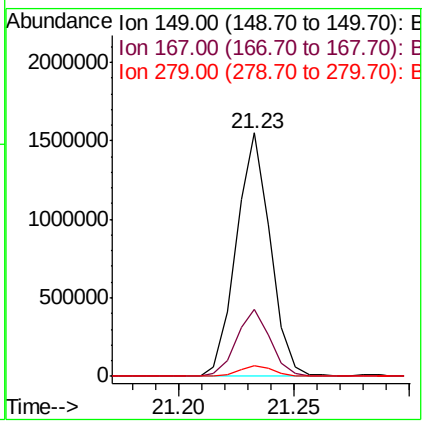


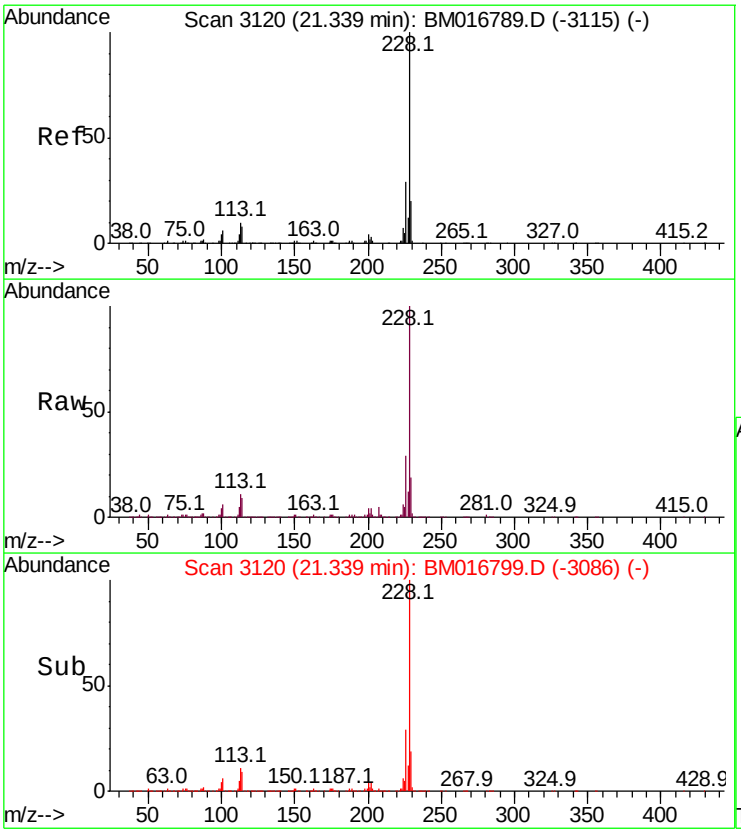
#84
Bis(2-ethylhexyl)phthalate
Concen: 26.932 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion:149 Resp: 1590143

Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.0	34.6
279	4.5	4.3	6.5

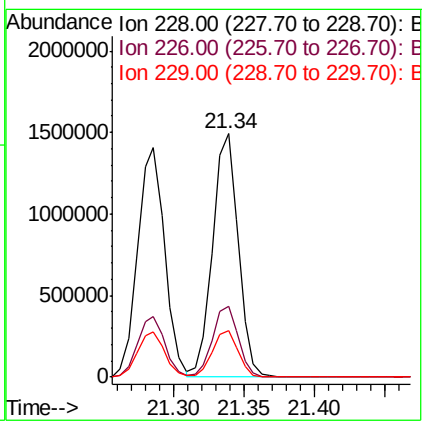


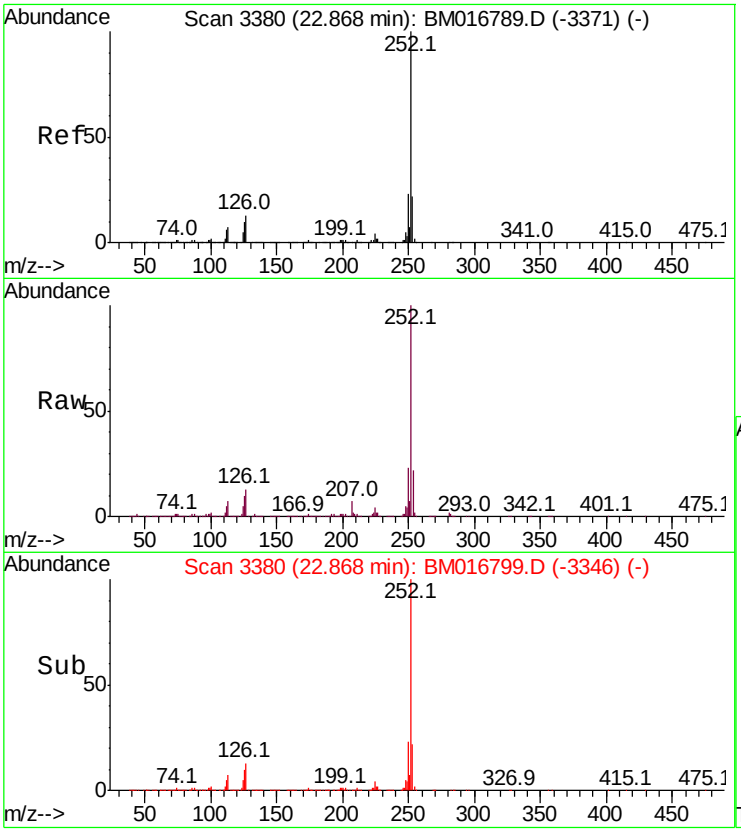


#85
Chrysene
Concen: 19.712 ng/ul
RT: 21.34 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:228 Resp: 1882780

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.1	36.1
229	19.1	16.0	24.0



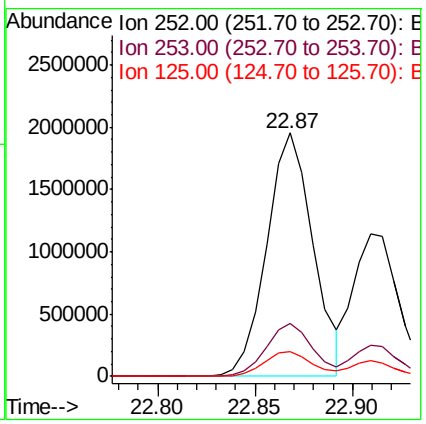


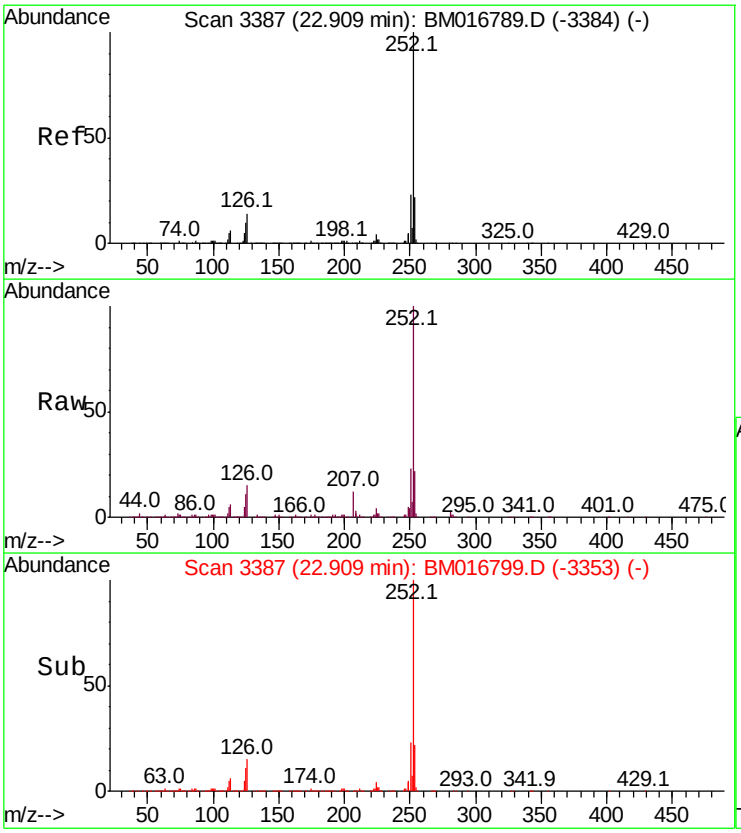
#88
Benzo(b)fluoranthene
Concen: 31.449 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion:252 Resp: 3210344

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.2	4.9	7.3#

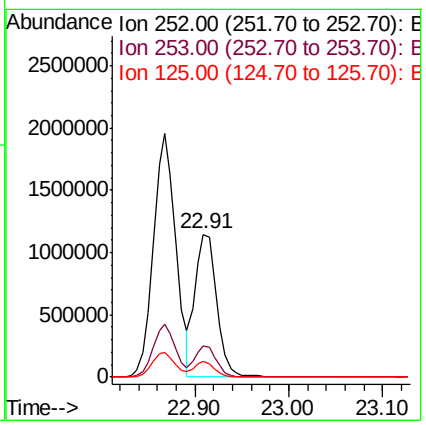


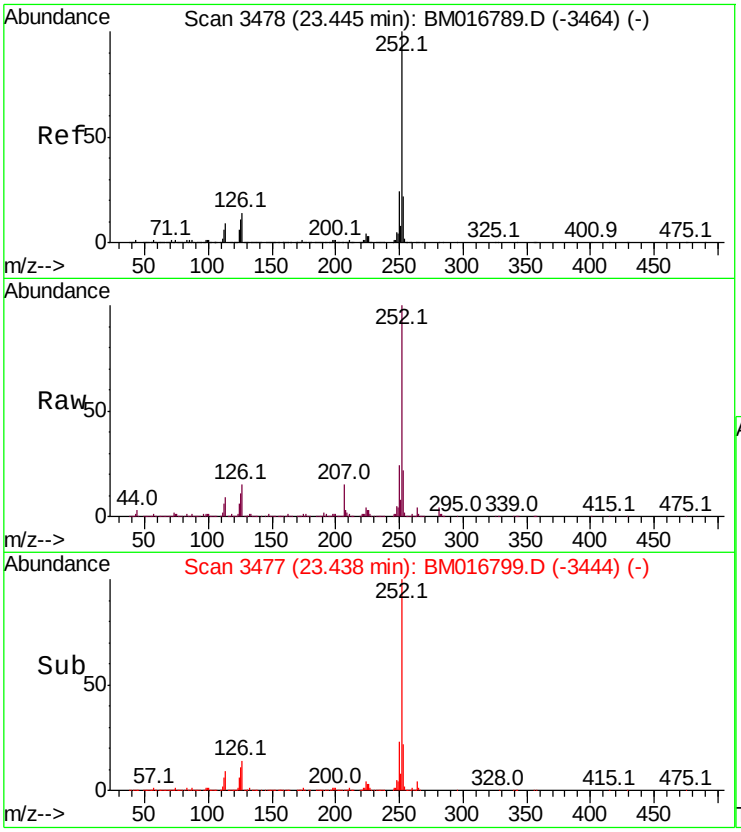


#89
Benzo(k)fluoranthene
Concen: 18.873 ng/ul
RT: 22.91 min Scan# 3387
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:252 Resp: 1849911

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.2	5.4	8.0#



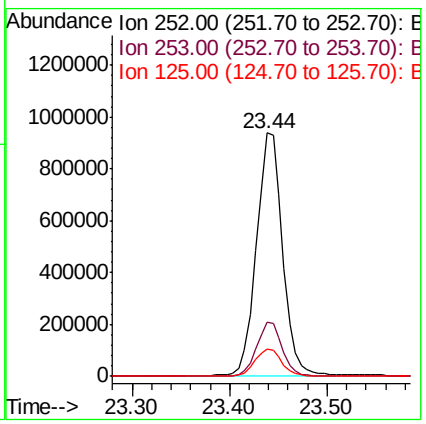


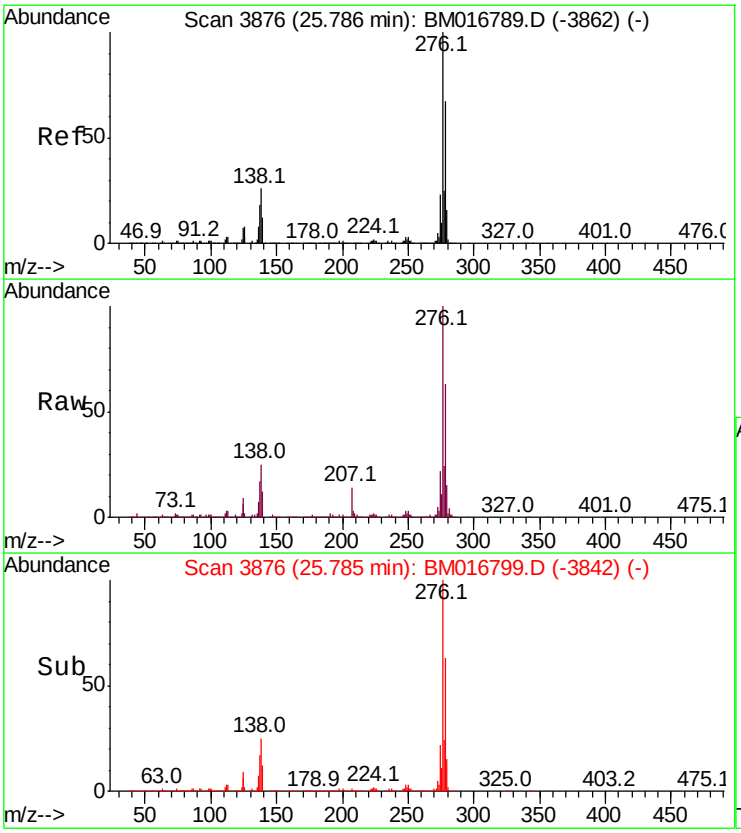
#91
Benzo(a)pyrene
Concen: 18.162 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. -0.01 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion:252 Resp: 1767268

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.3	5.8	8.6#

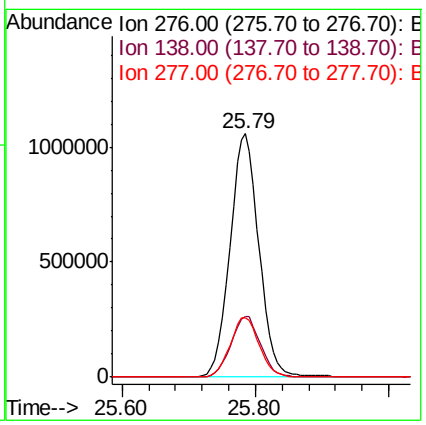


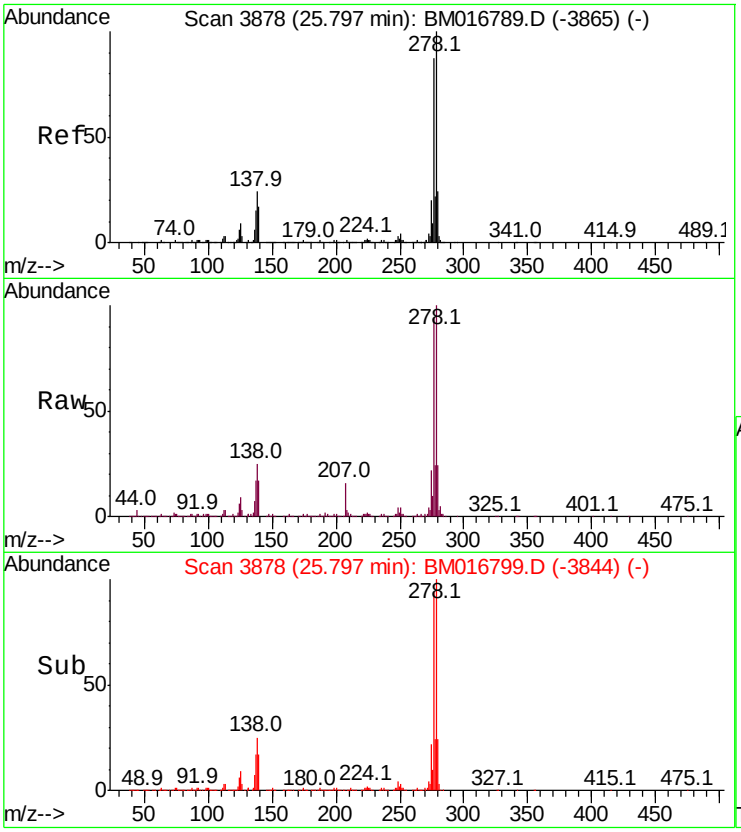


#92
Indeno(1,2,3-cd)pyrene
Concen: 27.430 ng/ul
RT: 25.79 min Scan# 3876
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Tgt Ion:276 Resp: 3183874

Ion	Ratio	Lower	Upper
276	100		
138	24.8	10.9	16.3#
277	24.5	18.9	28.3





#93
Dibenzo(a,h)anthracene
Concen: 24.054 ng/ul
RT: 25.80 min Scan# 3878
Delta R.T. -0.00 min
Lab File: BM016799.D
Acq: 19 Sep 2018 17:03

Instrument :
BNA_M
ClientSampleId :
X2D95

Tgt Ion:278 Resp: 2335537

Ion	Ratio	Lower	Upper
278	100		
139	17.0	9.0	13.4#
279	23.7	19.1	28.7