Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020415\
Data File : BM000420.D
Acq On : 04 Feb 2015 16:13
Operator : TP/IZ
Sample : G1147-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1G07

Manual Integrations APPROVED
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Quant Time: Feb 05 08:28:06 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020315.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 05 07:40:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	159920	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	706468	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	470832	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1155197	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	1157570	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	921493	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	32955	12.51	ng/uL	0.00
5) Phenol-d5	6.92	99	873416	75.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	537664	78.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	728859	77.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	783539	79.21	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	385273	87.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	456650	90.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	879898	78.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	1152494	111.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	3019984	86.53	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	3570439	79.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	485135	82.33	ng/ul	0.00
57) Fluorene-d10	15.39	176	2683919	78.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	519595	82.30	ng/ul	0.00
70) Anthracene-d10	17.24	188	4332272	81.48	ng/ul	0.00
76) Pyrene-d10	19.54	212	4825409	82.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	3543233	83.65	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.95	94	252619	21.55	ng/ul	92
10) 2-Chlorophenol	7.32	128	207554	21.56	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.28	45	706157m	37.42	ng/ul	
17) Hexachloroethane	8.82	117	93790	21.31	ng/ul	100
27) 2,4-Dichlorophenol	10.19	162	247746	22.66	ng/ul	92
28) Naphthalene	10.59	128	770760	21.89	ng/ul	98
31) Hexachlorobutadiene	10.87	225	256903	30.21	ng/ul	97
45) 2,6-Dinitrotoluene	13.98	165	233449	34.57	ng/ul	91
49) Acenaphthene	14.46	153	667001	21.92	ng/ul	100
54) 2,4-Dinitrotoluene	14.76	165	357092	34.07	ng/ul	97
56) Diethylphthalate	15.22	149	1116382	28.00	ng/ul	100
58) Fluorene	15.45	166	823856	21.83	ng/ul	97
66) Hexachlorobenzene	16.45	284	353972	26.02	ng/ul	98
68) Pentachlorophenol	16.80	266	353689	46.40	ng/ul	99
71) Anthracene	17.28	178	1224368	19.44	ng/ul	99
77) Pyrene	19.57	202	1734823	22.65	ng/ul#	97
78) Butylbenzylphthalate	20.47	149	1413881	52.57	ng/ul	97
80) Benzo(a)anthracene	21.32	228	1487411	22.24	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.24	149	1546556	41.08	ng/ul	100
82) Chrysene	21.37	228	1470308	23.06	ng/ul	97
85) Benzo(b)fluoranthene	22.91	252	2209270	38.11	ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	1249194	22.54	ng/ul	99
88) Benzo(a)pyrene	23.49	252	1103917	21.07	ng/ul	99

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Operator : TP/IZ
Sample : G1147-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1G07

Manual Integrations APPROVED
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Quant Time: Feb 05 08:28:06 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020315.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 05 07:40:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	25.86	276	1628631	31.45	ng/ul	99
90) Dibenzo(a,h)anthracene	25.88	278	1192602	27.45	ng/ul	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020415\
Data File : BM000420.D
Acq On : 04 Feb 2015 16:13
Operator : TP/IZ
Sample : G1147-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 05 08:28:06 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020315.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 05 07:40:45 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
X1G07

Manual Integrations APPROVED
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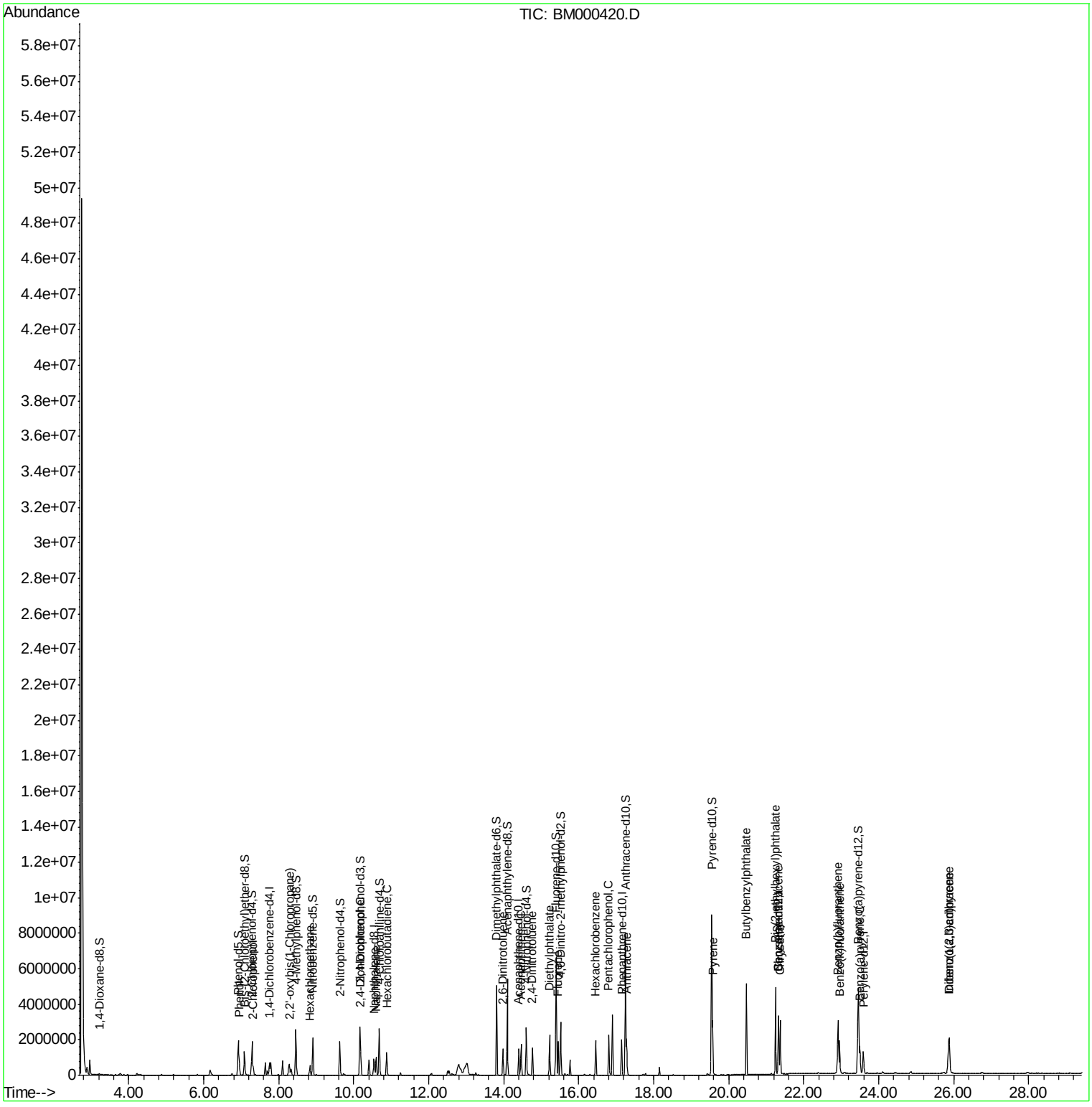
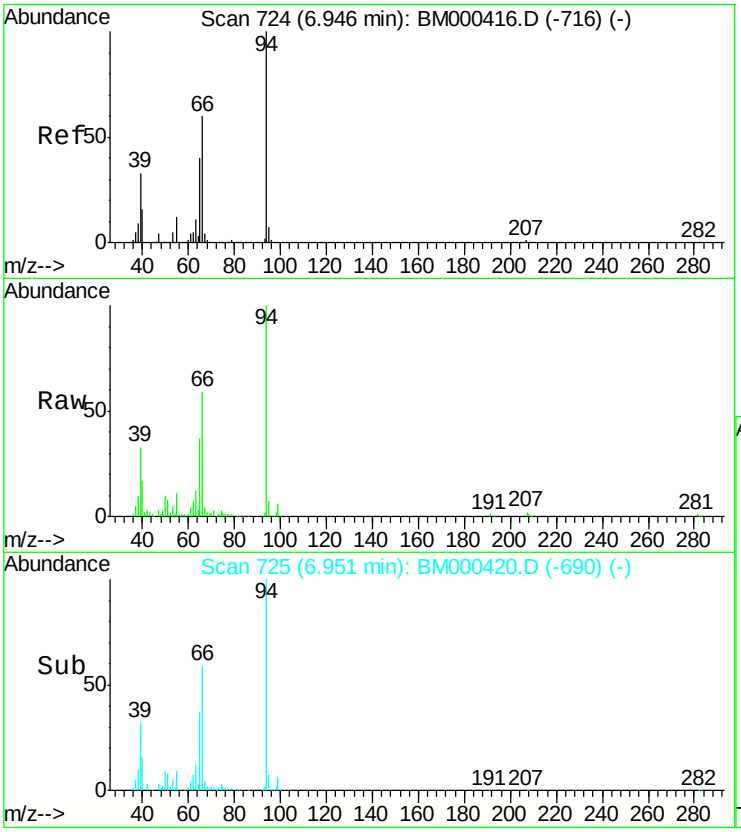
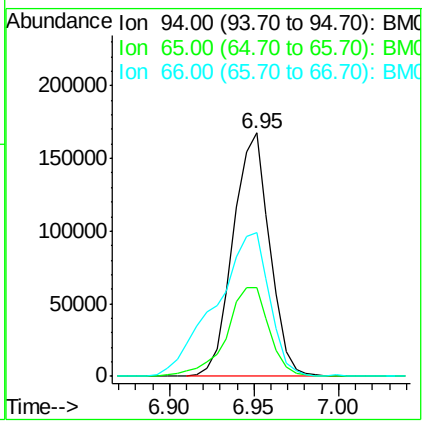




#6
Phenol
Concen: 21.55 ng/ul
RT: 6.95 min Scan# 725
Delta R.T. 0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion: 94 Resp: 252619

Ion	Ratio	Lower	Upper
94	100		
65	36.5	32.2	48.4
66	58.9	53.4	80.0



Instrument :
BNA_M
ClientSampleId :
X1G07

Manual Integrations APPROVED
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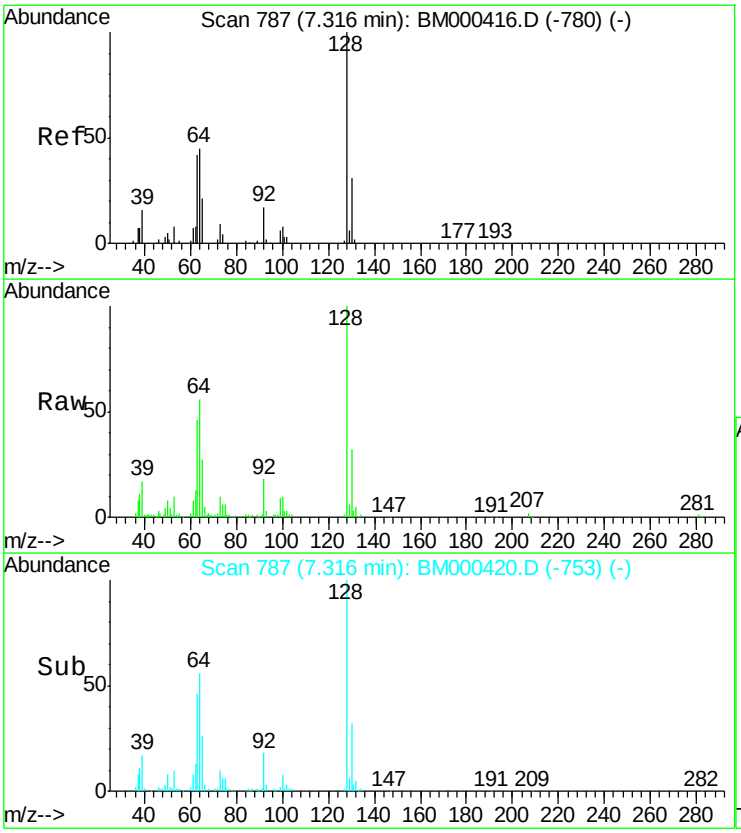
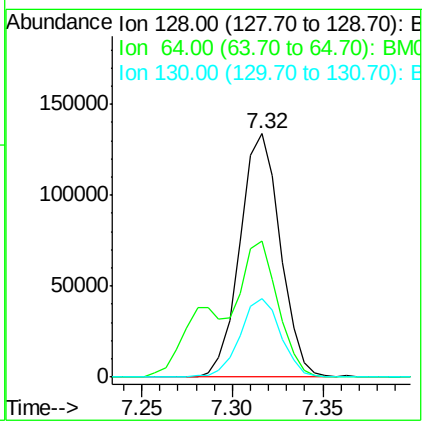
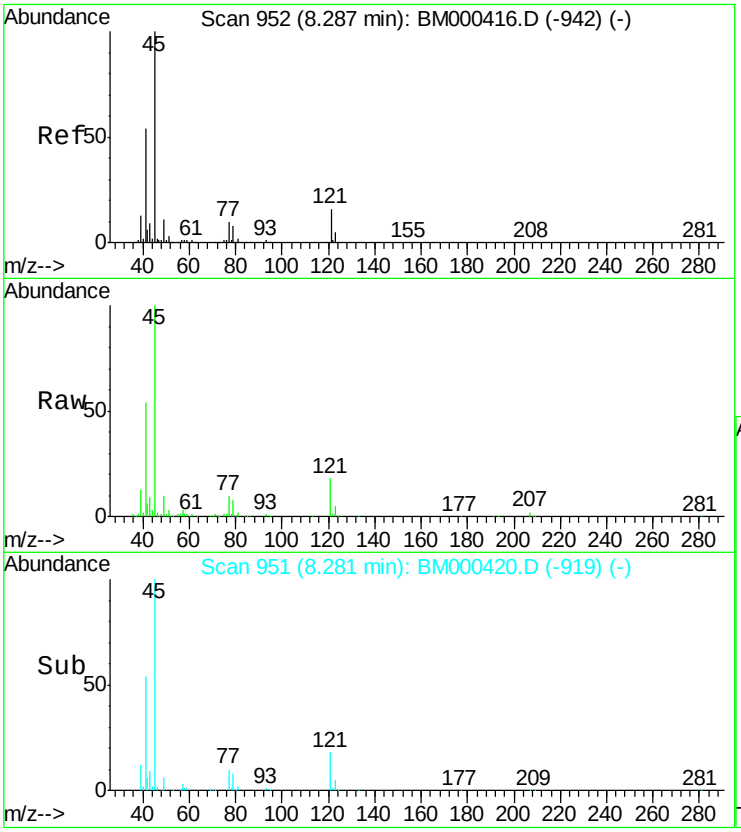


#10
2-Chlorophenol
Concen: 21.56 ng/ul
RT: 7.32 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:128 Resp: 207554

Ion	Ratio	Lower	Upper
128	100		
64	56.0	42.2	63.2
130	32.2	25.8	38.6





#12
2,2'-oxybis(1-Chloropropane)
Concen: 37.42 ng/ul m
RT: 8.28 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion: 45 Resp: 706157

Ion	Ratio	Lower	Upper
45	100		
77	10.3	8.0	12.0
79	7.8	6.1	9.1

Instrument :
BNA_M
ClientSampleId :
X1G07

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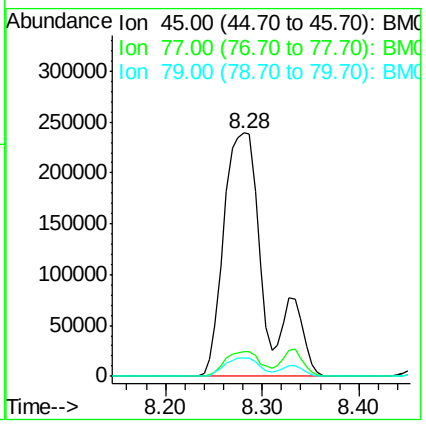
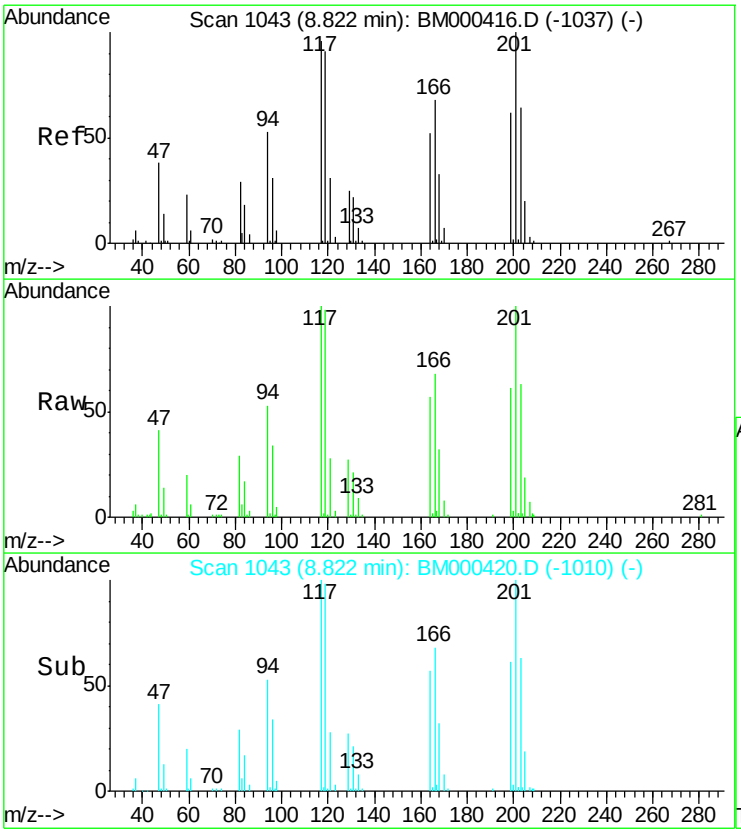
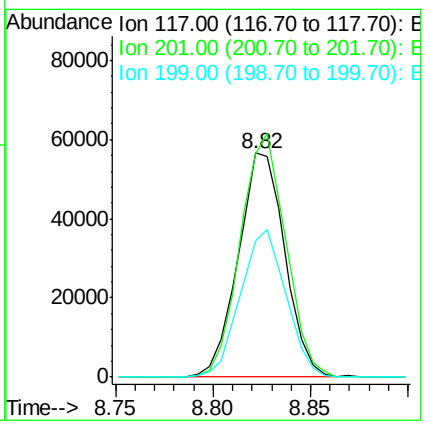


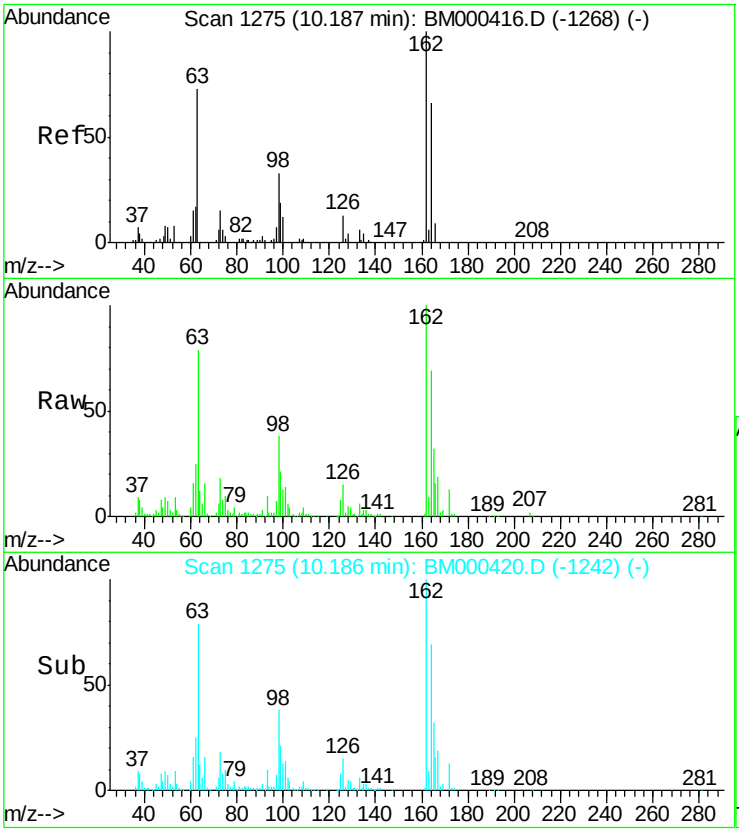


#17
Hexachloroethane
Concen: 21.31 ng/ul
RT: 8.82 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:117 Resp: 93790

Ion	Ratio	Lower	Upper
117	100		
201	99.5	79.1	118.7
199	60.7	48.7	73.1

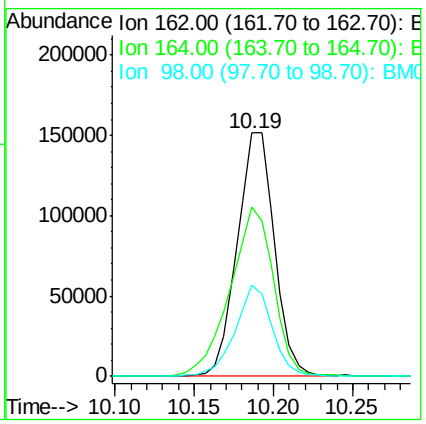




#27
2,4-Dichlorophenol
Concen: 22.66 ng/ul
RT: 10.19 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:162 Resp: 247746

Ion	Ratio	Lower	Upper
162	100		
164	69.5	50.6	75.8
98	37.7	26.7	40.1



Instrument :
BNA_M
ClientSampleId :
X1G07

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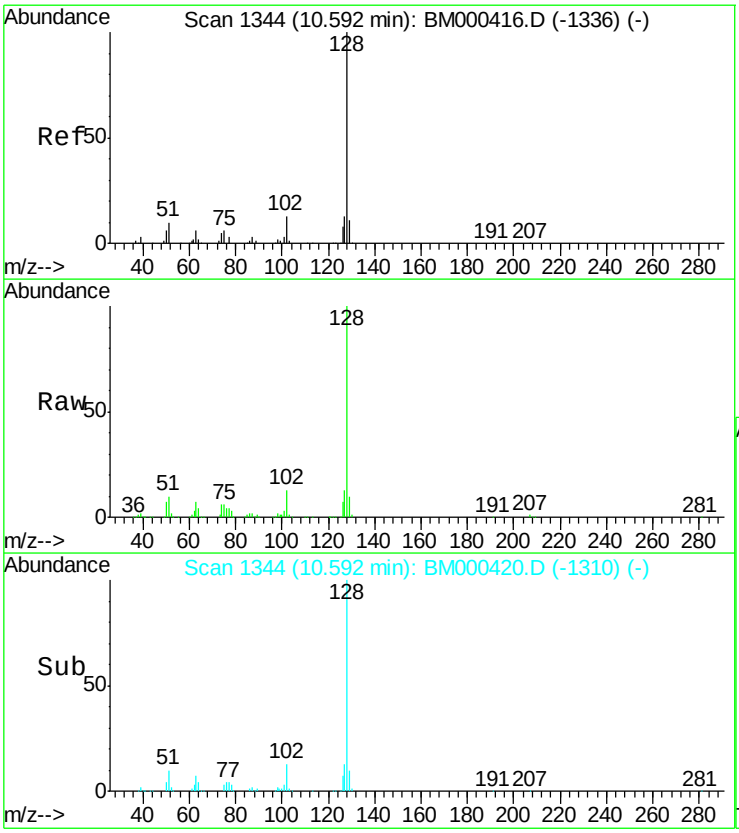
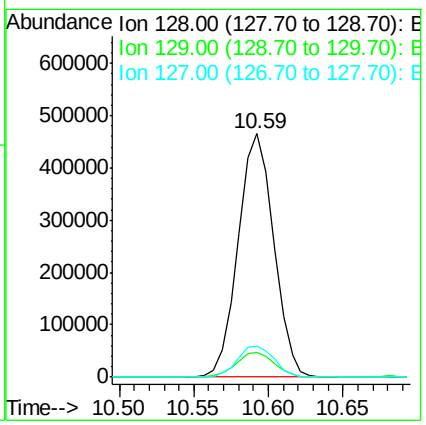
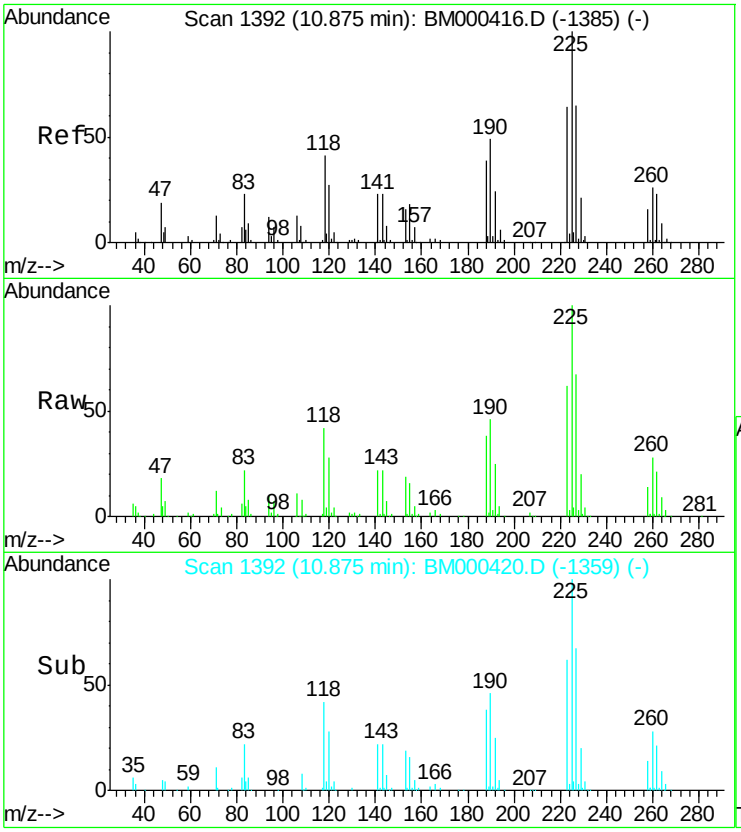


#28
Naphthalene
Concen: 21.89 ng/ul
RT: 10.59 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:128 Resp: 770760

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.9	13.3
127	12.6	11.0	16.4

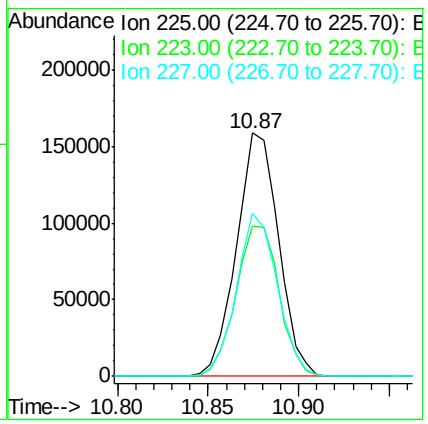




#31
Hexachlorobutadiene
Concen: 30.21 ng/ul
RT: 10.87 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:225 Resp: 256903

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.8	76.2
227	67.1	51.8	77.6



Instrument :
BNA_M
ClientSampleId :
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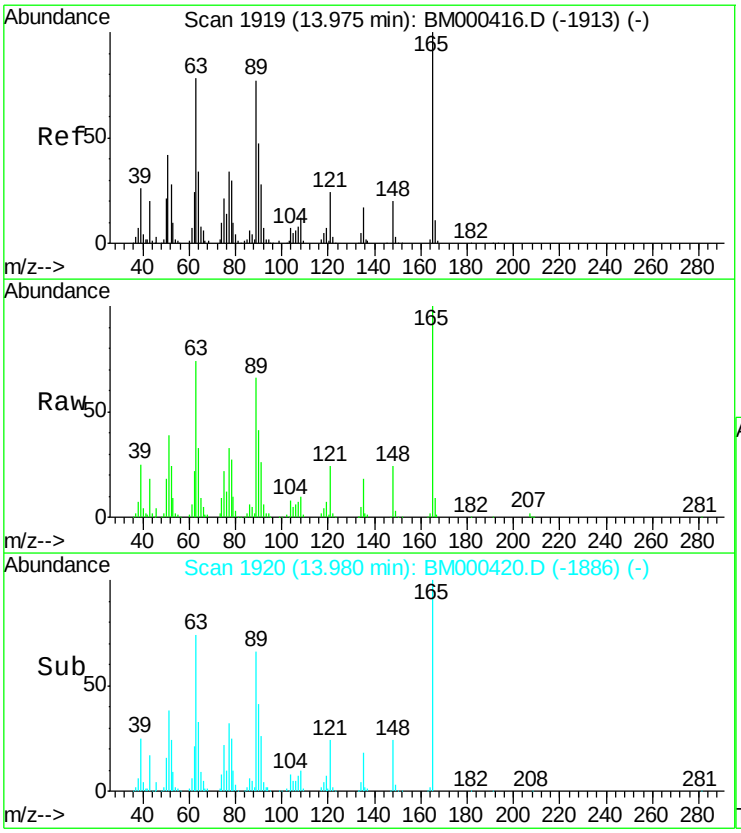
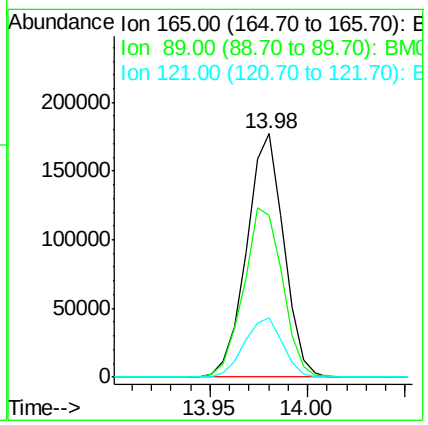
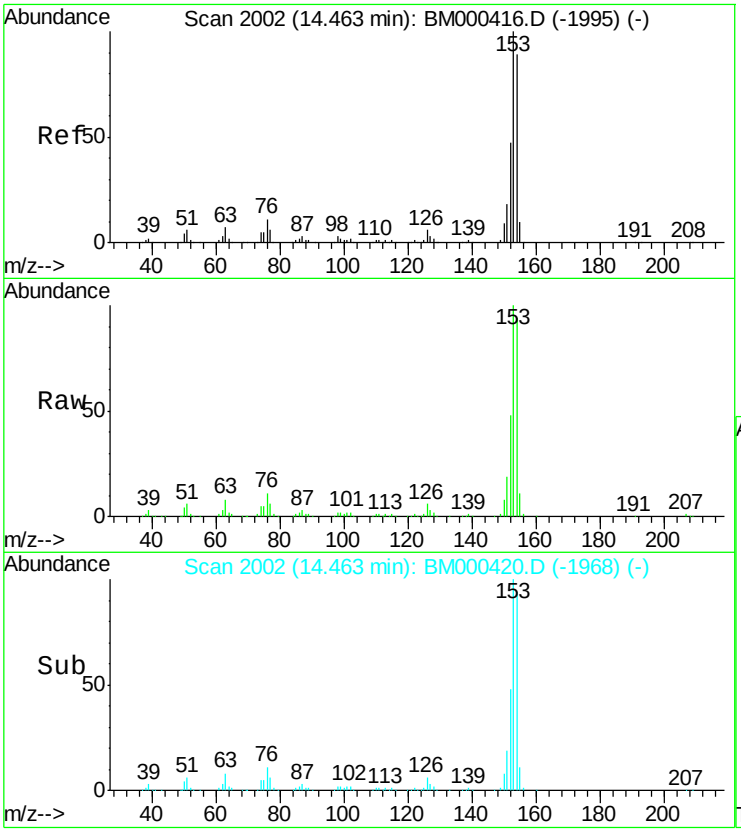


#45
2,6-Dinitrotoluene
Concen: 34.57 ng/ul
RT: 13.98 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:165 Resp: 233449

Ion	Ratio	Lower	Upper
165	100		
89	66.2	60.4	90.6
121	24.4	18.2	27.4

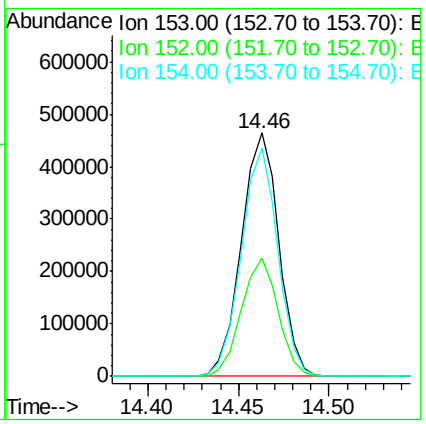




#49
Acenaphthene
Concen: 21.92 ng/ul
RT: 14.46 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:153 Resp: 667001

Ion	Ratio	Lower	Upper
153	100		
152	48.3	38.6	58.0
154	93.9	75.0	112.4



Instrument :
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ClientSampleId :
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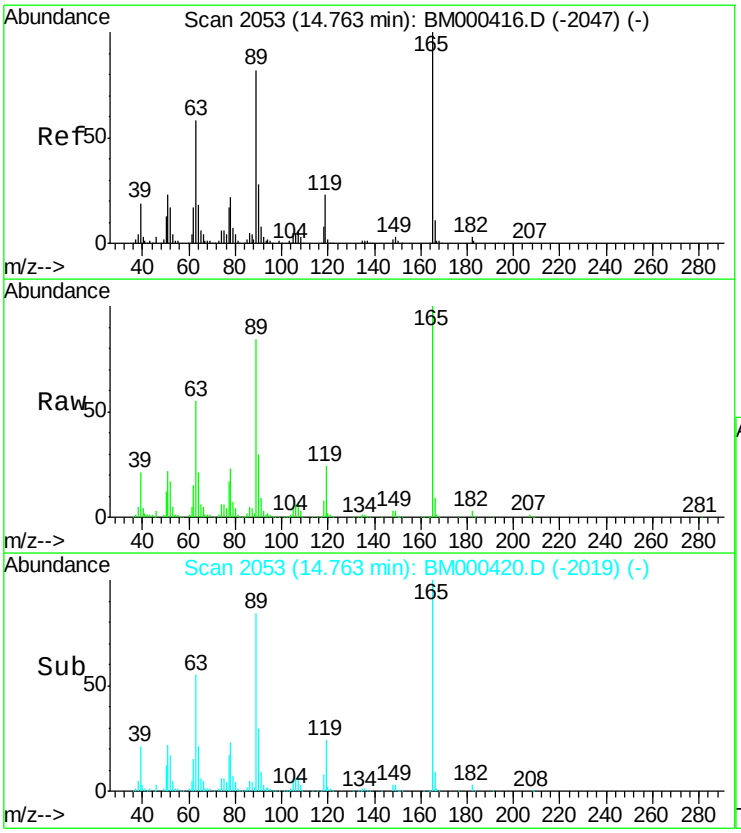
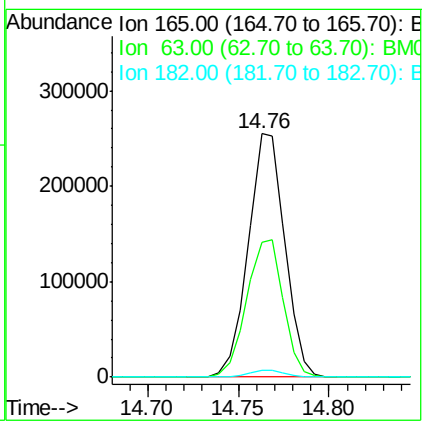
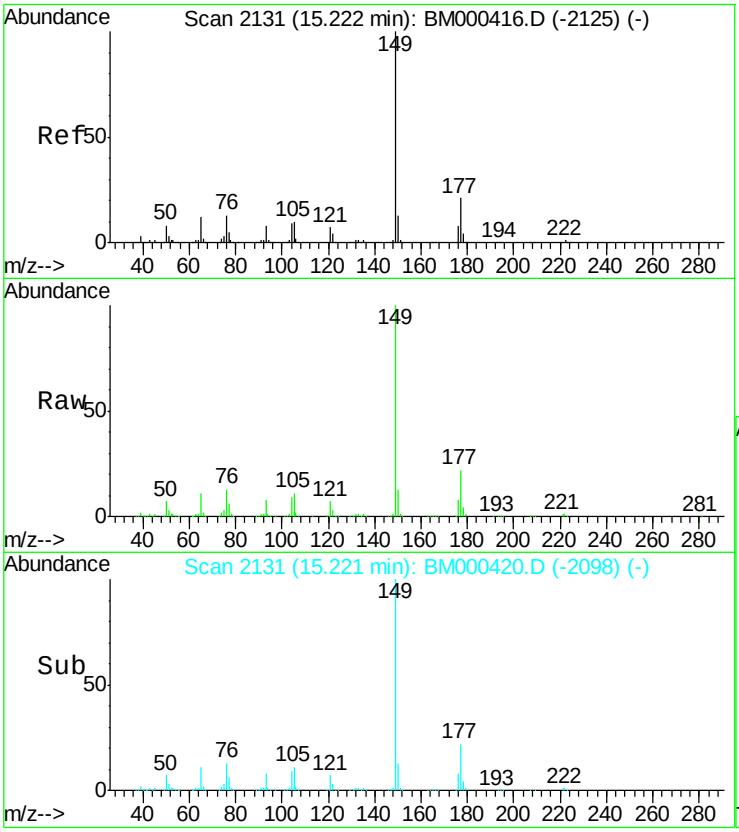


#54
2,4-Dinitrotoluene
Concen: 34.07 ng/ul
RT: 14.76 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:165 Resp: 357092

Ion	Ratio	Lower	Upper
165	100		
63	55.2	46.2	69.4
182	2.9	1.9	2.9

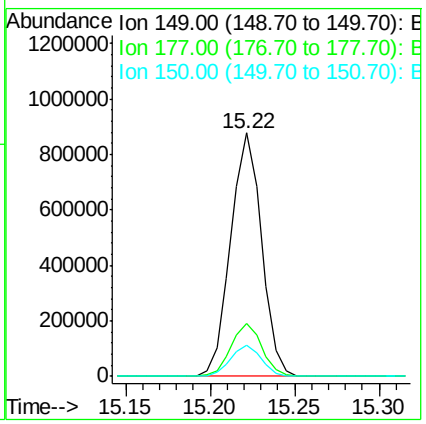




#56
Diethylphthalate
Concen: 28.00 ng/ul
RT: 15.22 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:149 Resp: 1116382

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.6	9.9	14.9



Instrument :
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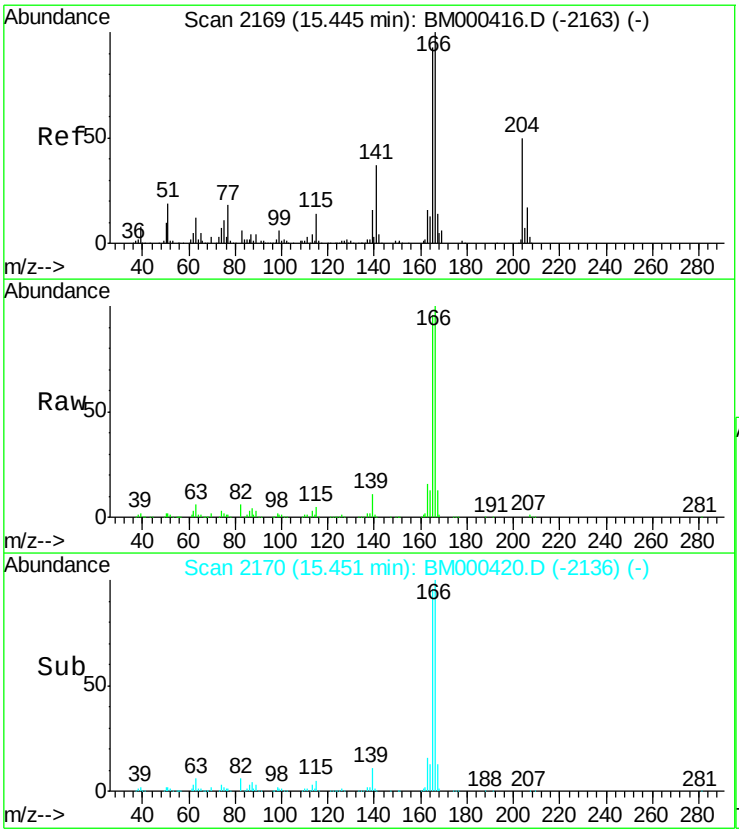
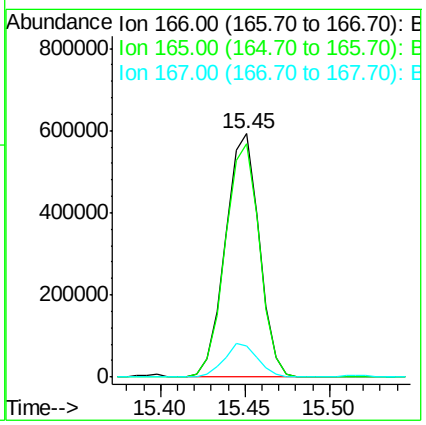
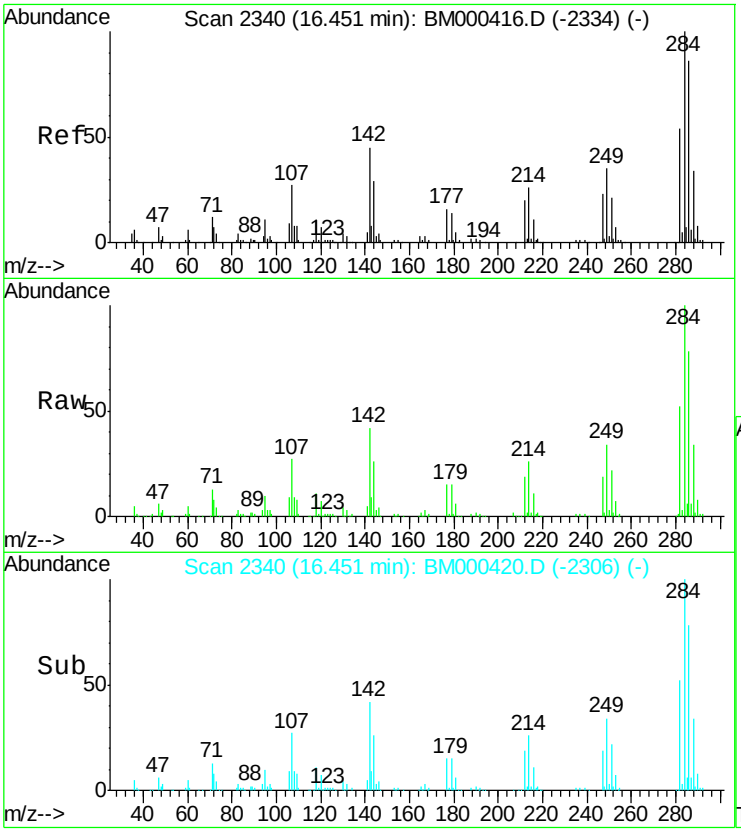


#58
Fluorene
Concen: 21.83 ng/ul
RT: 15.45 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:166 Resp: 823856

Ion	Ratio	Lower	Upper
166	100		
165	96.0	79.1	118.7
167	12.6	10.8	16.2

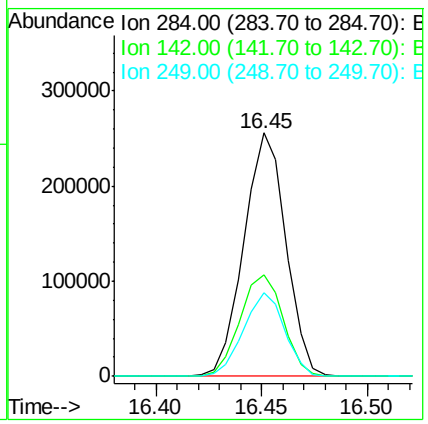




#66
Hexachlorobenzene
Concen: 26.02 ng/ul
RT: 16.45 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:284 Resp: 353972

Ion	Ratio	Lower	Upper
284	100		
142	41.5	35.0	52.6
249	34.3	27.0	40.6



Instrument :
BNA_M
ClientSampleId :
X1G07

Manual Integrations APPROVED
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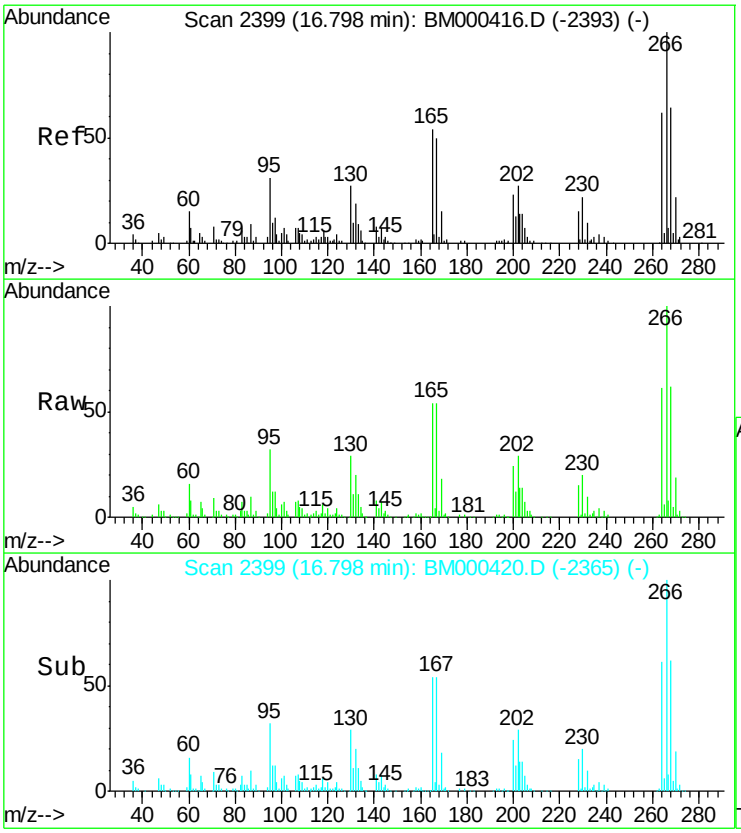
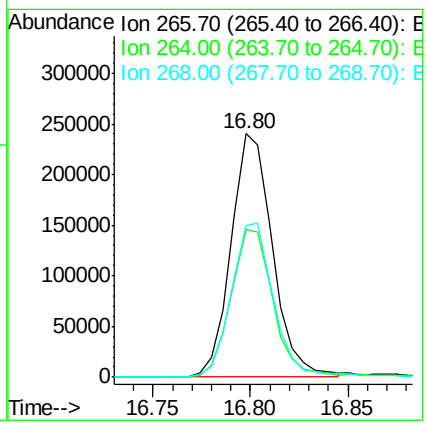
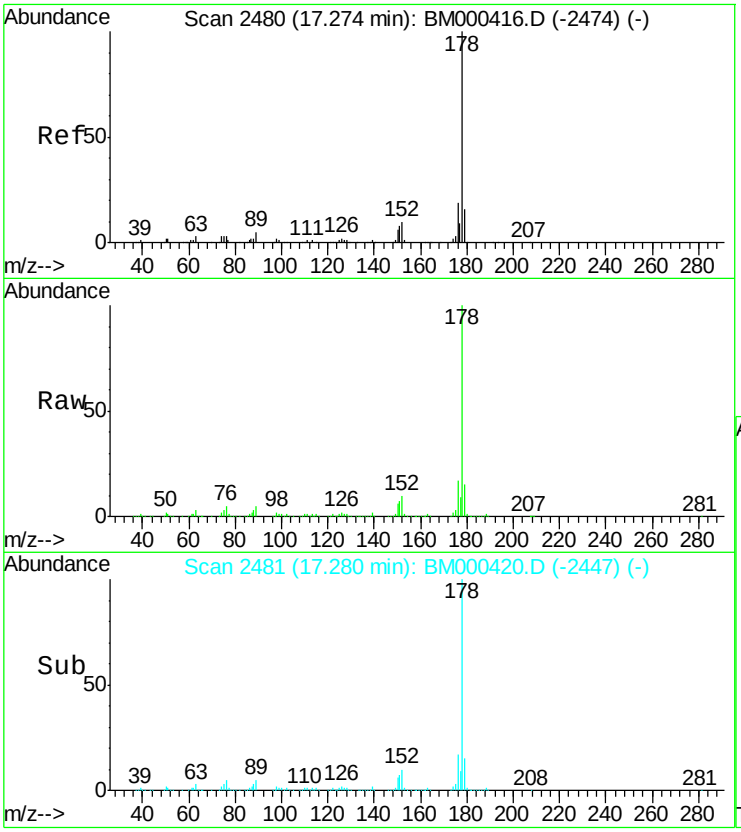


#68
Pentachlorophenol
Concen: 46.40 ng/ul
RT: 16.80 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:266 Resp: 353689

Ion	Ratio	Lower	Upper
266	100		
264	60.7	49.6	74.4
268	62.3	49.6	74.4

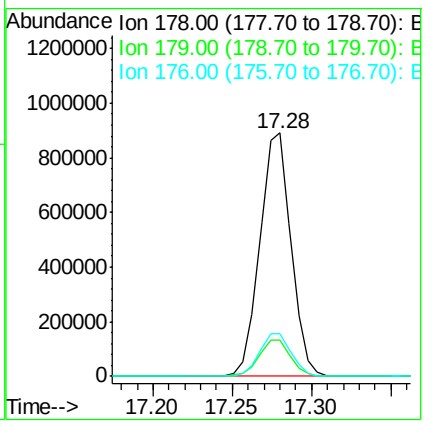




#71
Anthracene
Concen: 19.44 ng/ul
RT: 17.28 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:178 Resp: 1224368

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	17.3	14.3	21.5



Instrument :
BNA_M
ClientSampleId :
X1G07

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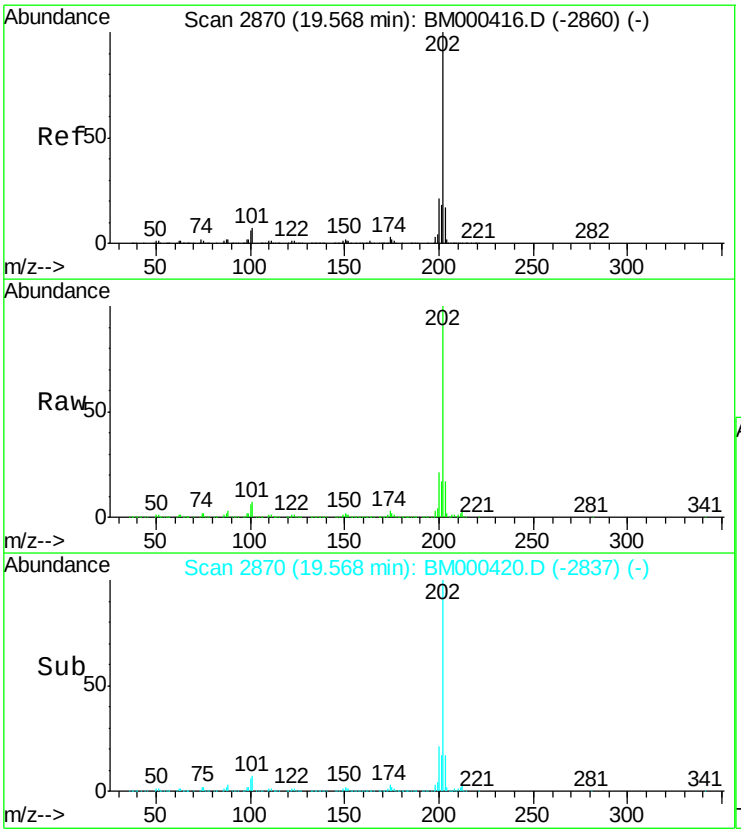
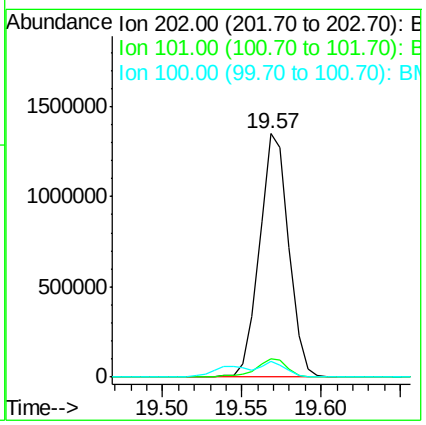
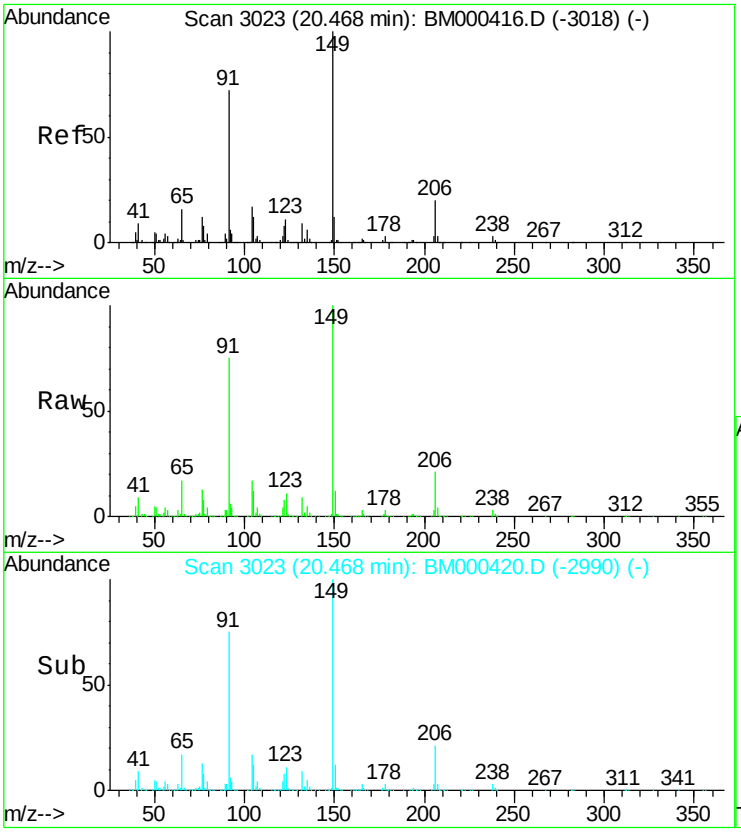


#77
Pyrene
Concen: 22.65 ng/ul
RT: 19.57 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:202 Resp: 1734823

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.4	8.0
100	6.5	4.2	6.2#

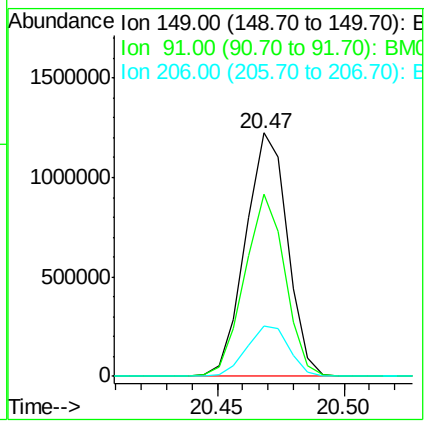




#78
Butylbenzylphthalate
Concen: 52.57 ng/ul
RT: 20.47 min Scan# 3023
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:149 Resp: 1413881

Ion	Ratio	Lower	Upper
149	100		
91	74.6	57.9	86.9
206	20.7	17.5	26.3



Instrument :
BNA_M
ClientSampleId :
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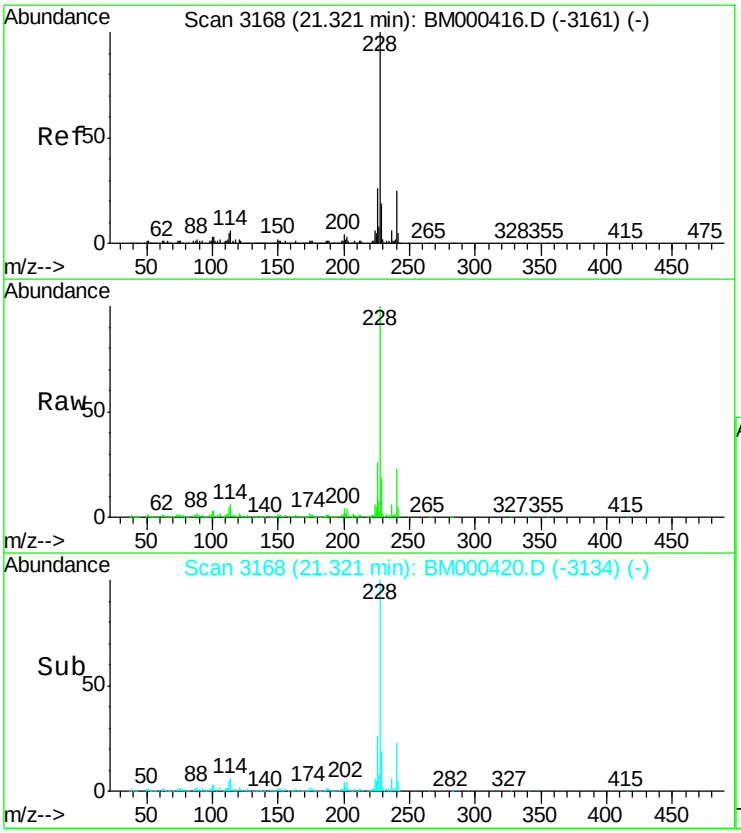
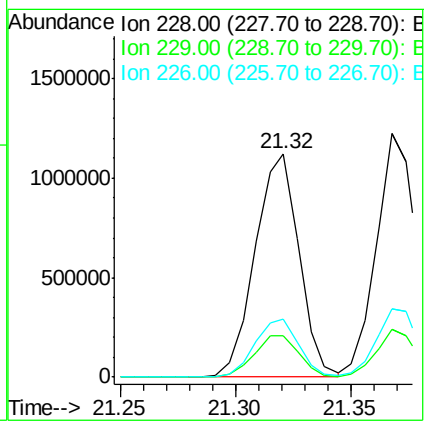
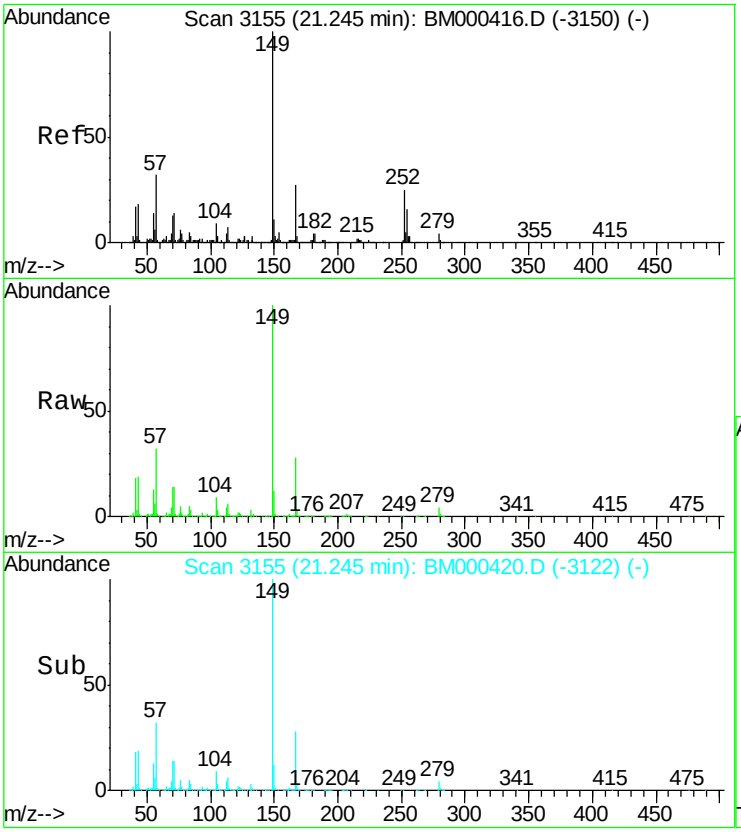


#80
Benzo(a)anthracene
Concen: 22.24 ng/ul
RT: 21.32 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:228 Resp: 1487411

Ion	Ratio	Lower	Upper
228	100		
229	18.7	15.6	23.4
226	25.9	21.0	31.4

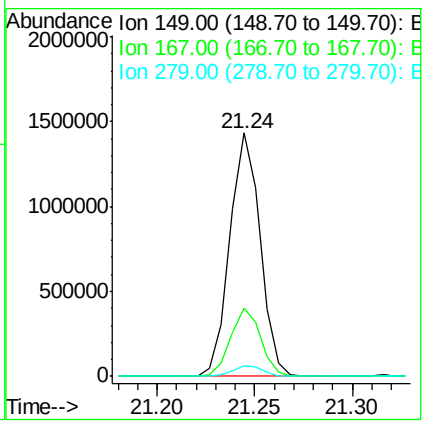




#81
Bis(2-ethylhexyl)phthalate
Concen: 41.08 ng/ul
RT: 21.24 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:149 Resp: 1546556

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.3	33.5
279	4.2	3.4	5.2



Instrument :
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ClientSampleId :
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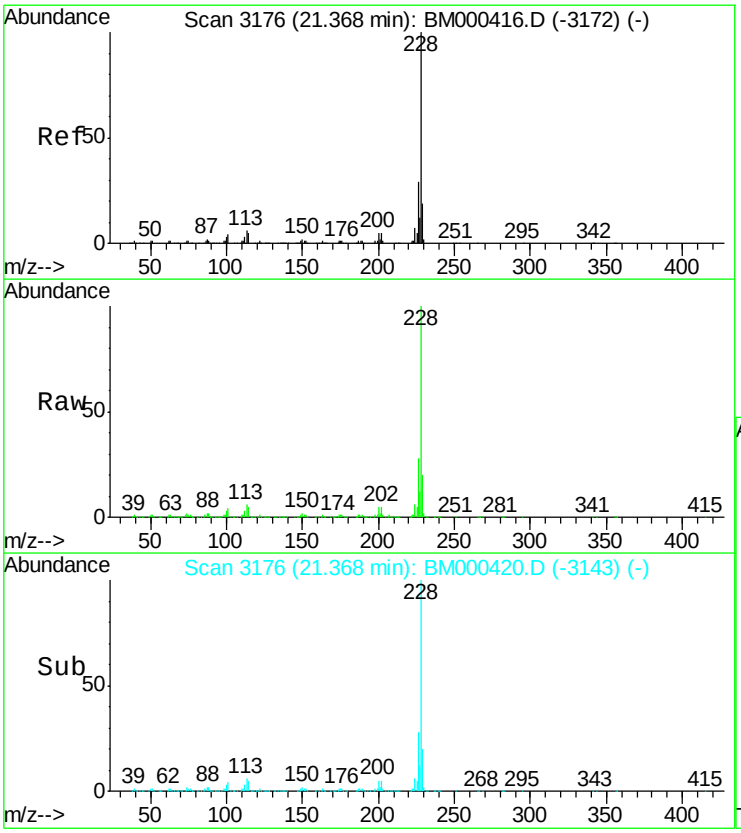
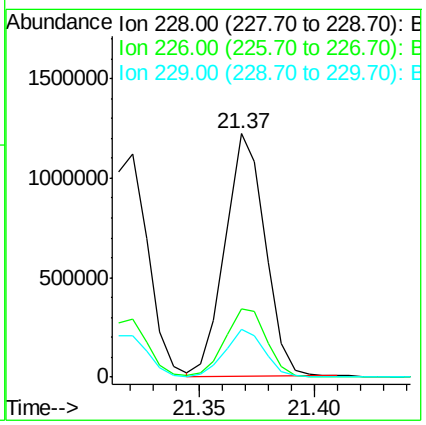
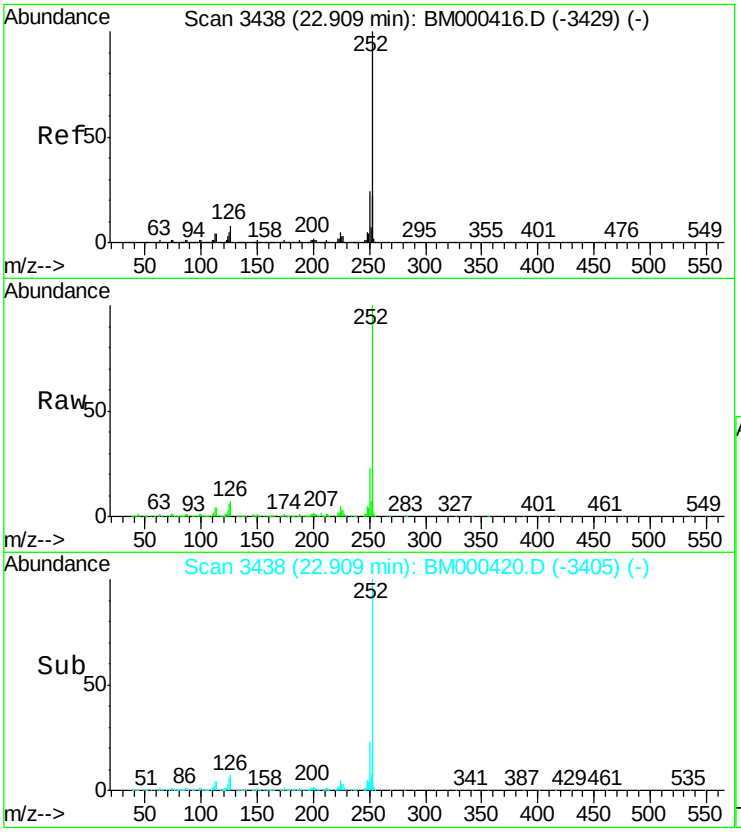


#82
Chrysene
Concen: 23.06 ng/ul
RT: 21.37 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:228 Resp: 1470308

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.3	36.5
229	19.7	16.1	24.1

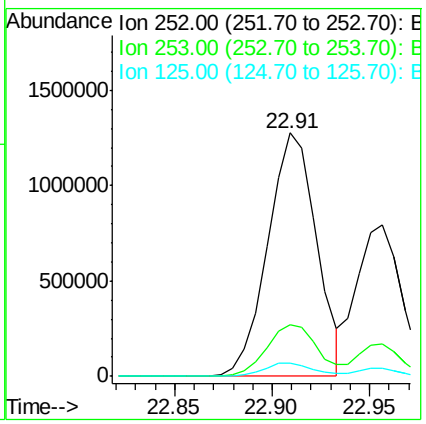




#85
Benzo(b)fluoranthene
Concen: 38.11 ng/ul
RT: 22.91 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:252 Resp: 2209270

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	5.6	4.2	6.2



Instrument :
BNA_M
ClientSampleId :
X1G07

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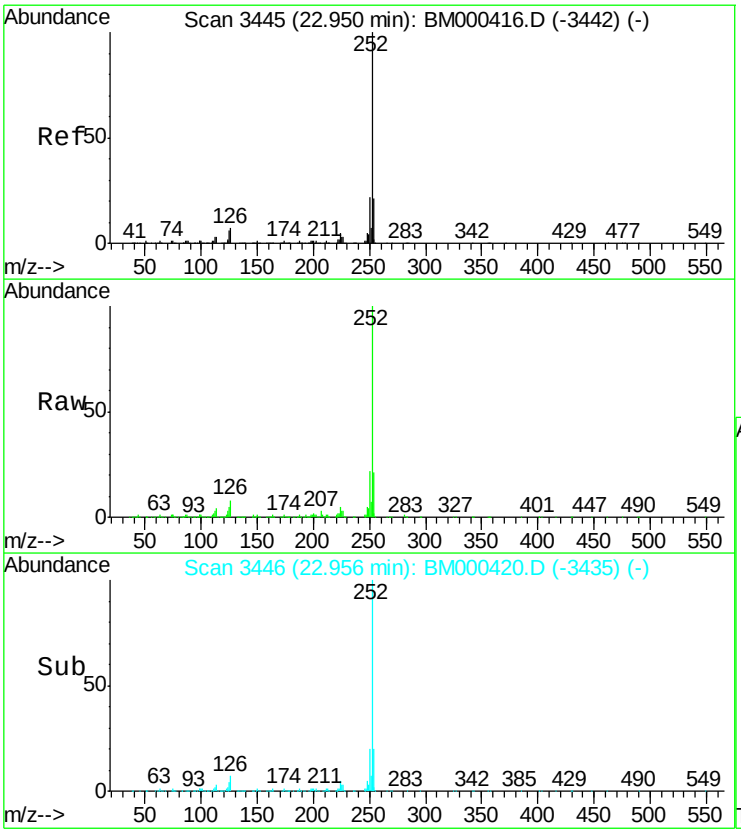
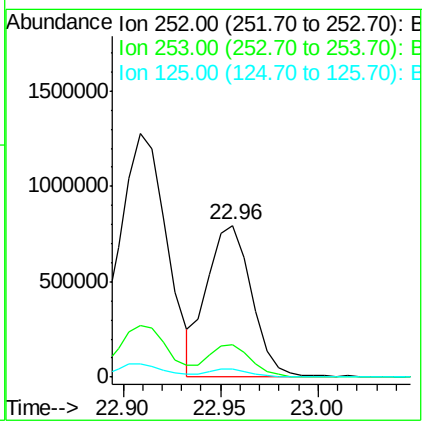
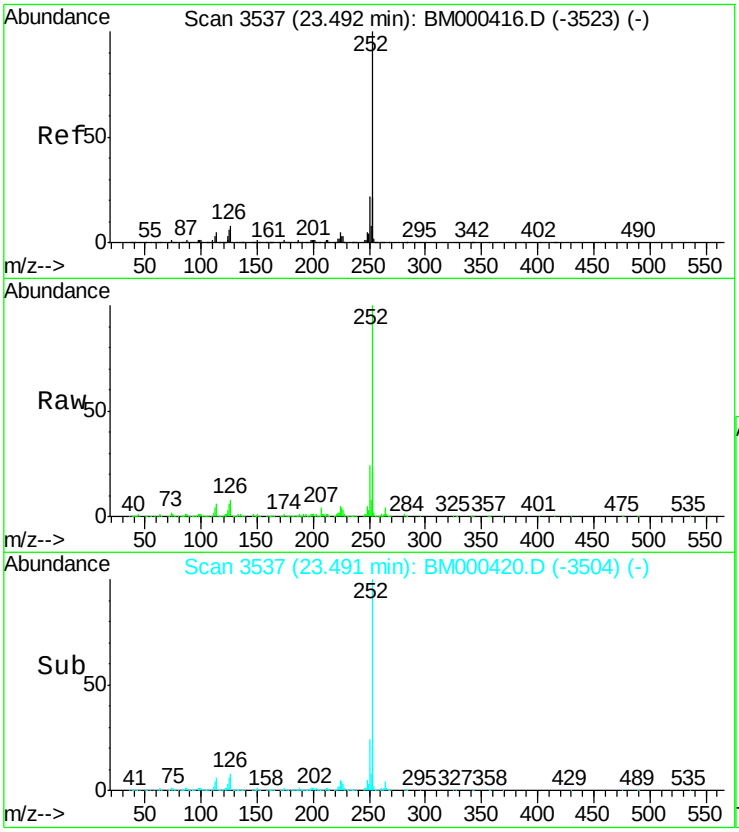


#86
Benzo(k)fluoranthene
Concen: 22.54 ng/ul
RT: 22.96 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:252 Resp: 1249194

Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.7	25.1
125	5.2	3.9	5.9

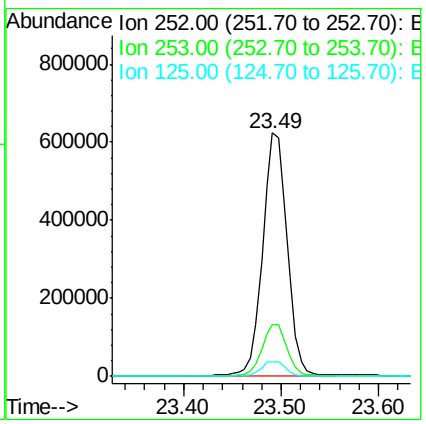




#88
Benzo(a)pyrene
Concen: 21.07 ng/ul
RT: 23.49 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:252 Resp: 1103917

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	5.9	4.7	7.1



Instrument :
BNA_M
ClientSampleId :
X1G07

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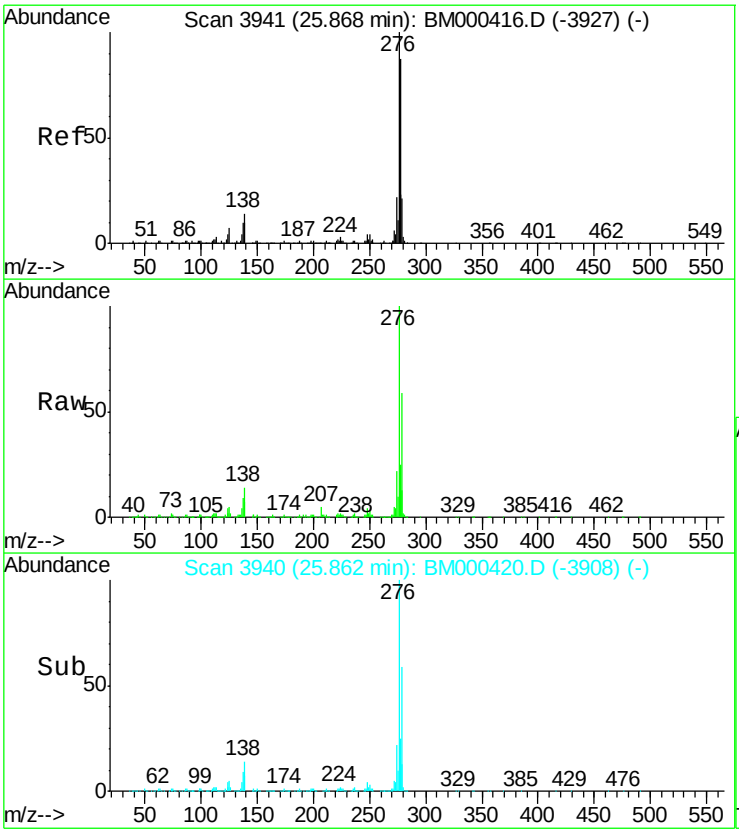
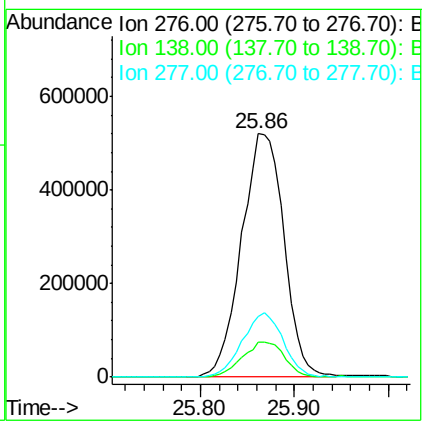
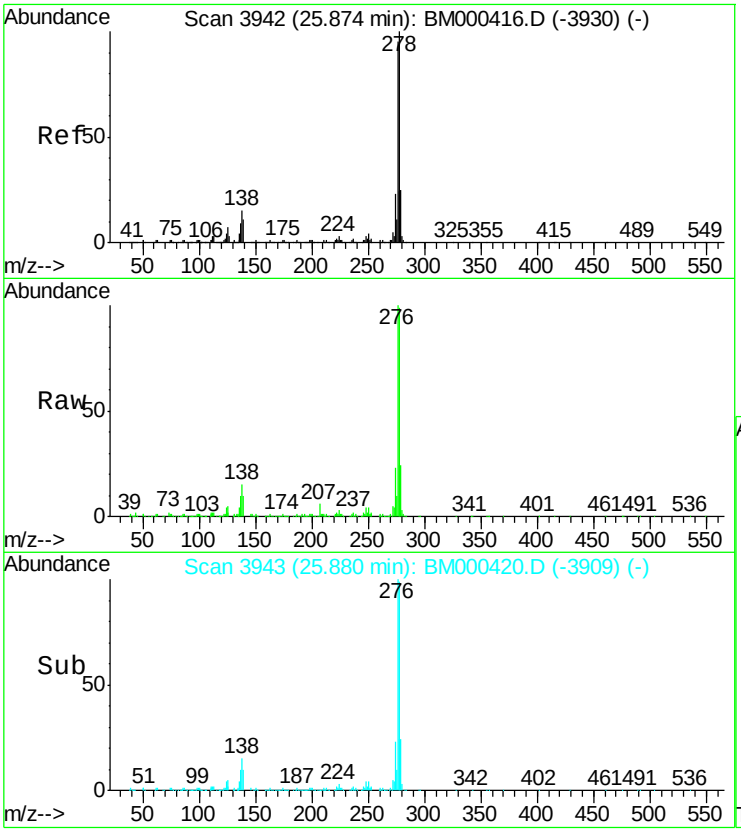


#89
Indeno(1,2,3-cd)pyrene
Concen: 31.45 ng/ul
RT: 25.86 min Scan# 3940
Delta R.T. -0.01 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:276 Resp: 1628631

Ion	Ratio	Lower	Upper
276	100		
138	14.4	11.4	17.0
277	24.9	20.3	30.5

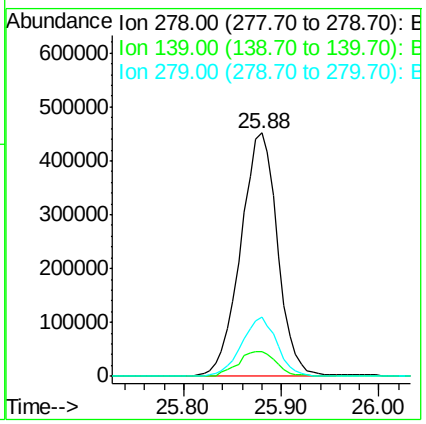




#90
Dibenzo(a,h)anthracene
Concen: 27.45 ng/ul
RT: 25.88 min Scan# 3943
Delta R.T. 0.00 min
Lab File: BM000420.D
Acq: 04 Feb 2015 16:13

Tgt Ion:278 Resp: 1192602

Ion	Ratio	Lower	Upper
278	100		
139	10.1	6.8	10.2
279	24.5	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
X1G07

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