Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041615\
Data File : BM001019.D
Acq On : 16 Apr 2015 14:25
Operator : TP/IZ
Sample : G1749-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1N66

Quant Time: Apr 16 15:29:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 14:58:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	245461	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1015721	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	545498	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1082325	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1048579	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	972047	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	21403	4.06	ng/uL	0.00
5) Phenol-d5	6.76	99	541133	27.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	341349	28.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	434470	27.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	427655	27.45	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	201451	29.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	205776	26.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	398912	26.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	398653	26.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1165559	32.07	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1577936	30.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	147951	20.49	ng/ul	0.00
57) Fluorene-d10	15.24	176	1097457	30.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	79096	12.82	ng/ul	0.00
70) Anthracene-d10	17.09	188	1613611	32.93	ng/ul	0.00
76) Pyrene-d10	19.39	212	1671391	34.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1455309	33.45	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	1021206	49.21	ng/ul	98
20) Nitrobenzene	8.78	77	787018	44.43	ng/ul	98
21) Isophorone	9.30	82	1755005	56.06	ng/ul	100
28) Naphthalene	10.42	128	3067456	58.24	ng/ul	100
34) 2-Methylnaphthalene	12.04	142	1700189	46.21	ng/ul	100
38) 2,4,6-Trichlorophenol	12.66	196	590294	57.34	ng/ul	99
39) 2,4,5-Trichlorophenol	12.66	196	590294	53.48	ng/ul	96
40) 1,1'-Biphenyl	13.07	154	1832353	40.12	ng/ul	98
44) Dimethylphthalate	13.70	163	282610	6.94	ng/ul	99
47) Acenaphthylene	13.96	152	1444382	25.60	ng/ul	100
53) Dibenzofuran	14.64	168	2695168	52.07	ng/ul	100
56) Diethylphthalate	15.07	149	1629894	40.38	ng/ul	99
66) Hexachlorobenzene	16.30	284	413408	34.92	ng/ul	99
68) Pentachlorophenol	16.65	266	342724	51.94	ng/ul	98
71) Anthracene	17.13	178	2908862	47.16	ng/ul	99
72) Carbazole	17.40	167	3210859	58.33	ng/ul	98
74) Fluoranthene	19.06	202	2987092	46.22	ng/ul	99
80) Benzo(a)anthracene	21.17	228	2314486	37.97	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.12	149	1858507	50.78	ng/ul	99
82) Chrysene	21.17	228	2314486	39.85	ng/ul	97
84) Di-n-octyl phthalate	21.97	149	3441594	52.40	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.54	276	2890254	47.36	ng/ul	99
90) Dibenzo(a,h)anthracene	25.55	278	2559691	49.83	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041615\
Data File : BM001019.D
Acq On : 16 Apr 2015 14:25
Operator : TP/IZ
Sample : G1749-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1N66

Quant Time: Apr 16 15:29:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 14:58:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.21	276	2591276	50.24	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041615\
Data File : BM001019.D
Acq On : 16 Apr 2015 14:25
Operator : TP/IZ
Sample : G1749-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
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Quant Time: Apr 16 15:29:54 2015
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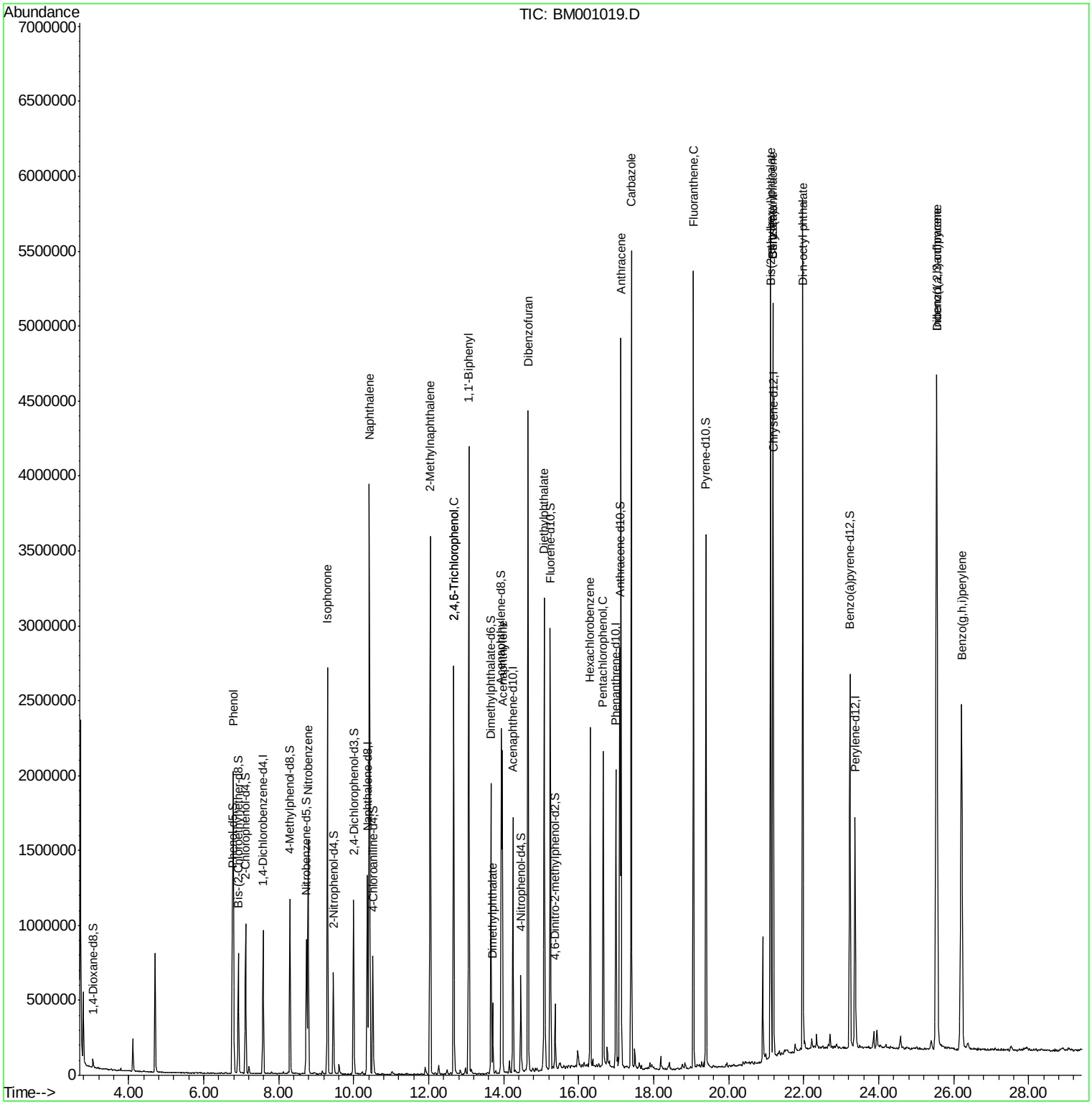
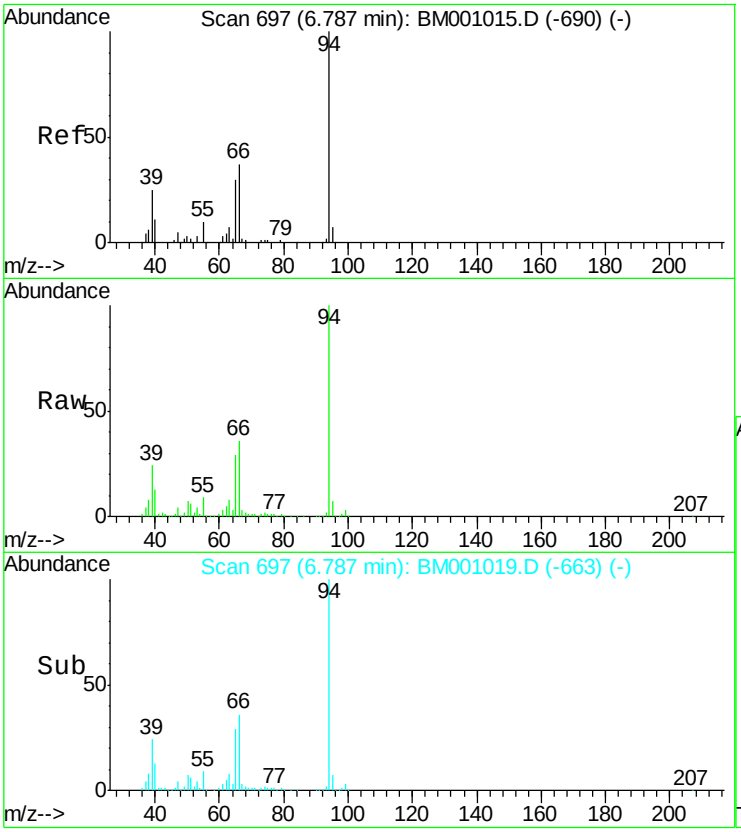
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 14:58:57 2015
Response via : Initial Calibration



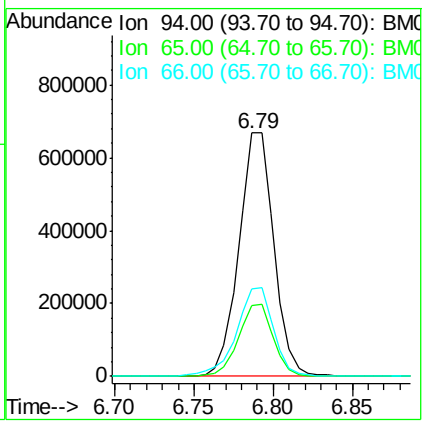


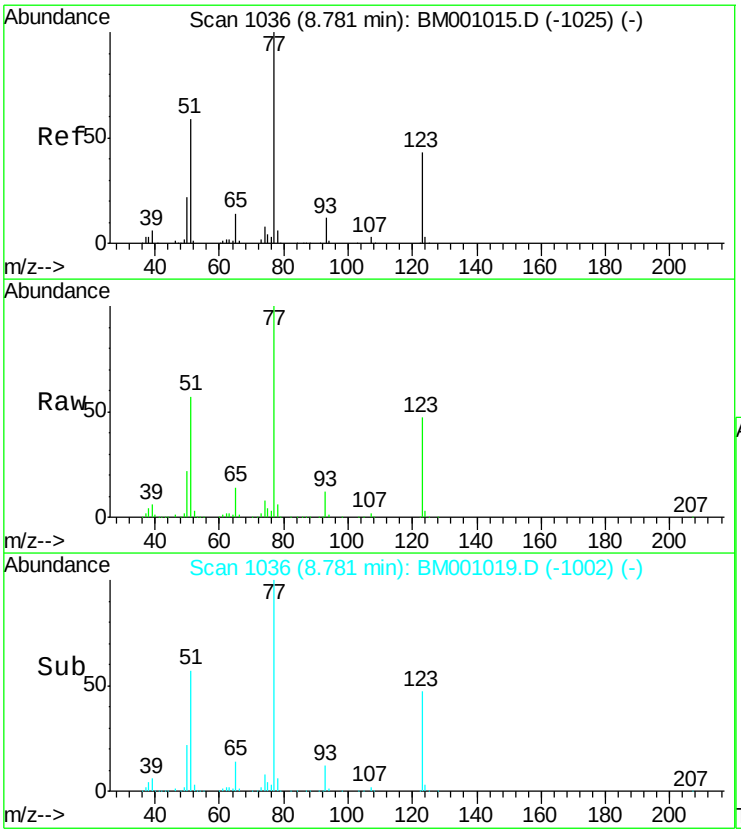
#6
Phenol
Concen: 49.21 ng/ul
RT: 6.79 min Scan# 697
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion: 94 Resp: 1021206

Ion	Ratio	Lower	Upper
94	100		
65	29.1	23.4	35.2
66	35.9	30.0	45.0

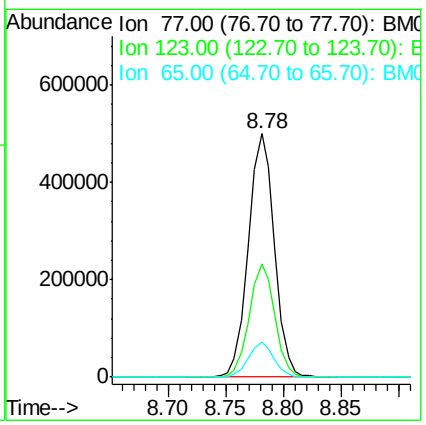


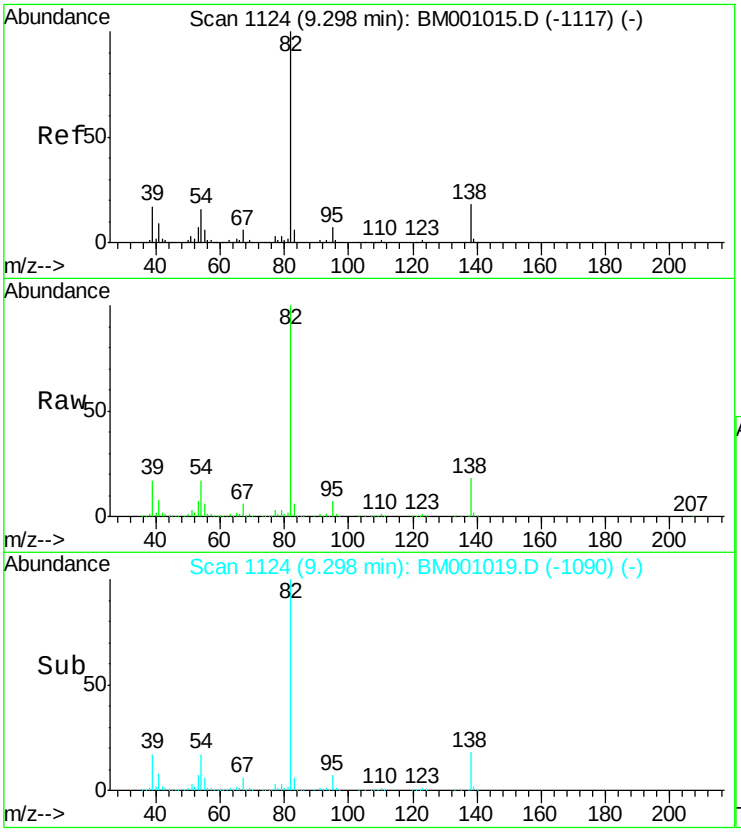


#20
Nitrobenzene
Concen: 44.43 ng/ul
RT: 8.78 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion: 77 Resp: 787018

Ion	Ratio	Lower	Upper
77	100		
123	46.6	36.5	54.7
65	14.2	10.6	16.0



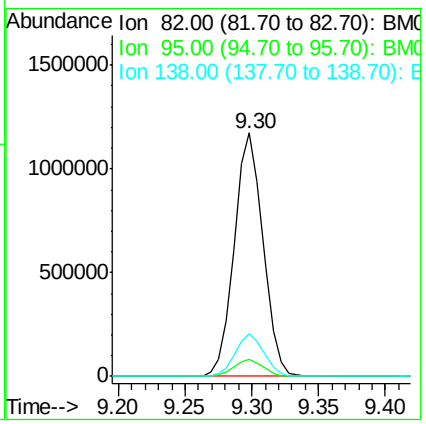


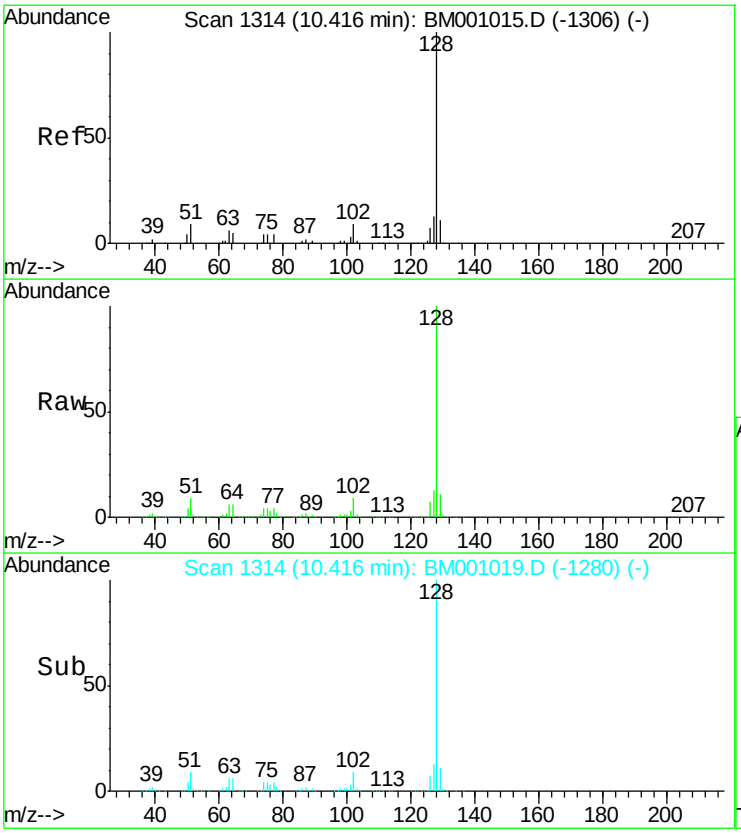
#21
Isophorone
Concen: 56.06 ng/ul
RT: 9.30 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion: 82 Resp: 1755005

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	17.6	14.0	21.0

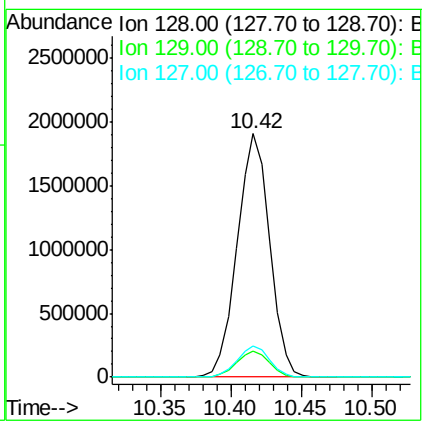


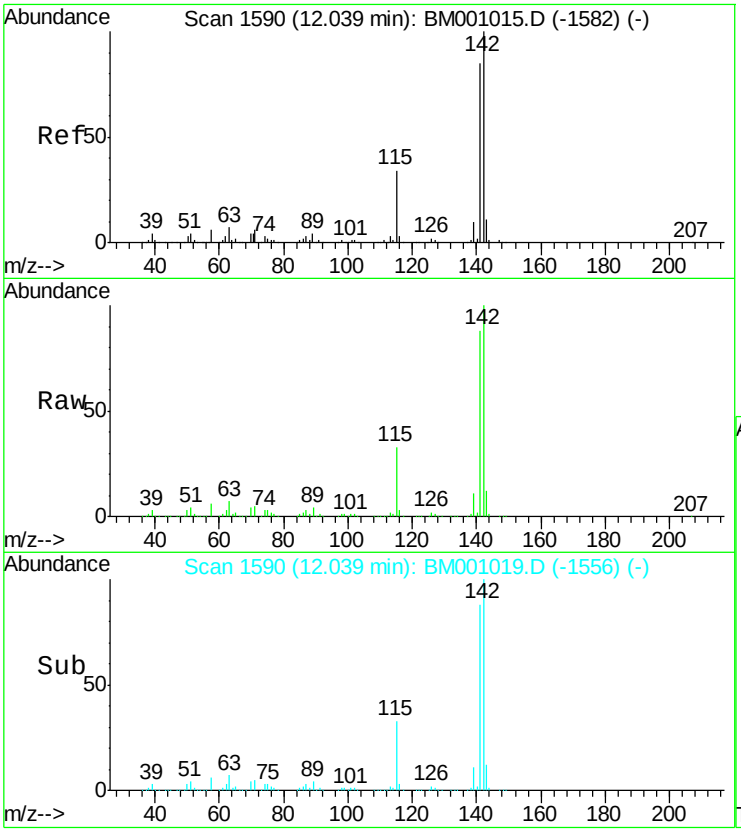


#28
Naphthalene
Concen: 58.24 ng/ul
RT: 10.42 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion:128 Resp: 3067456

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.2	15.2



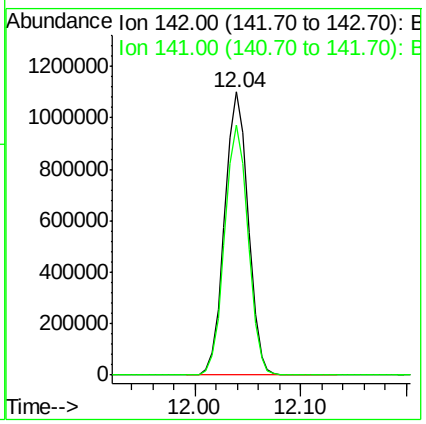


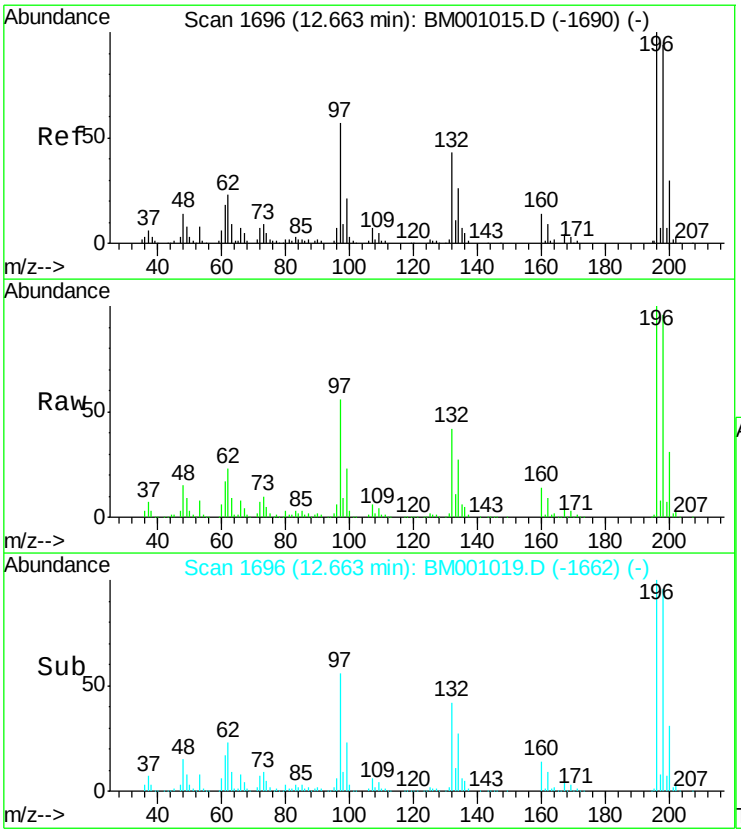
#34
2-Methylnaphthalene
Concen: 46.21 ng/ul
RT: 12.04 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion:142 Resp: 1700189

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1

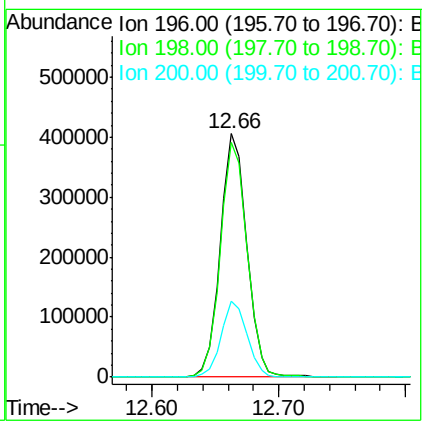


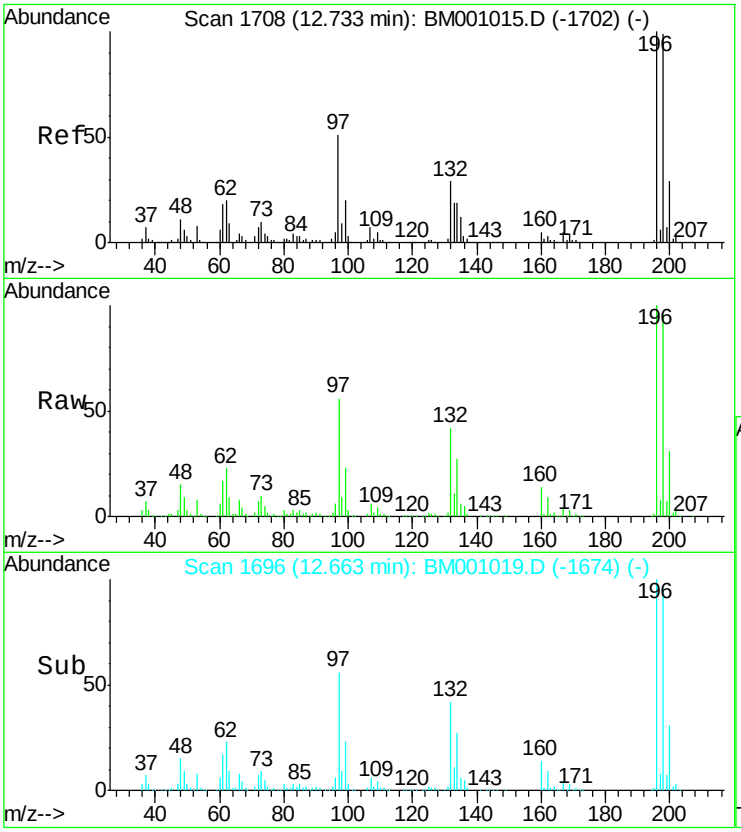


#38
2,4,6-Trichlorophenol
Concen: 57.34 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion:196 Resp: 590294

Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.8	116.6
200	31.3	24.9	37.3



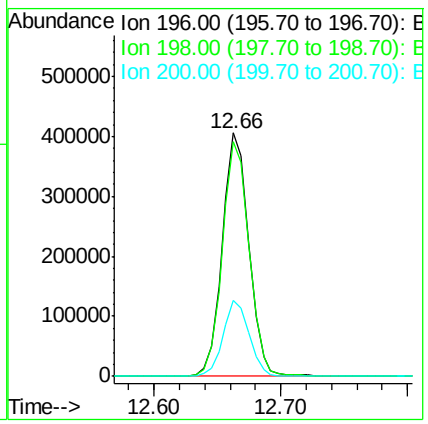


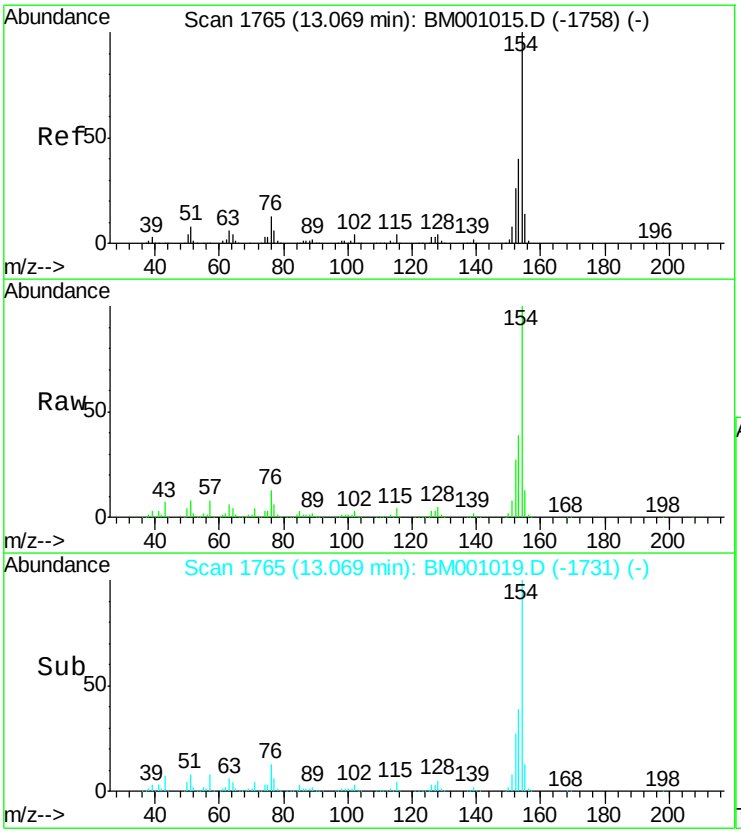
#39
2,4,5-Trichlorophenol
Concen: 53.48 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. -0.07 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion:196 Resp: 590294

Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.5	111.7
200	31.3	22.9	34.3

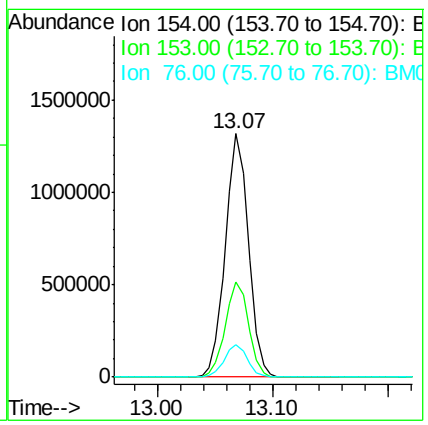


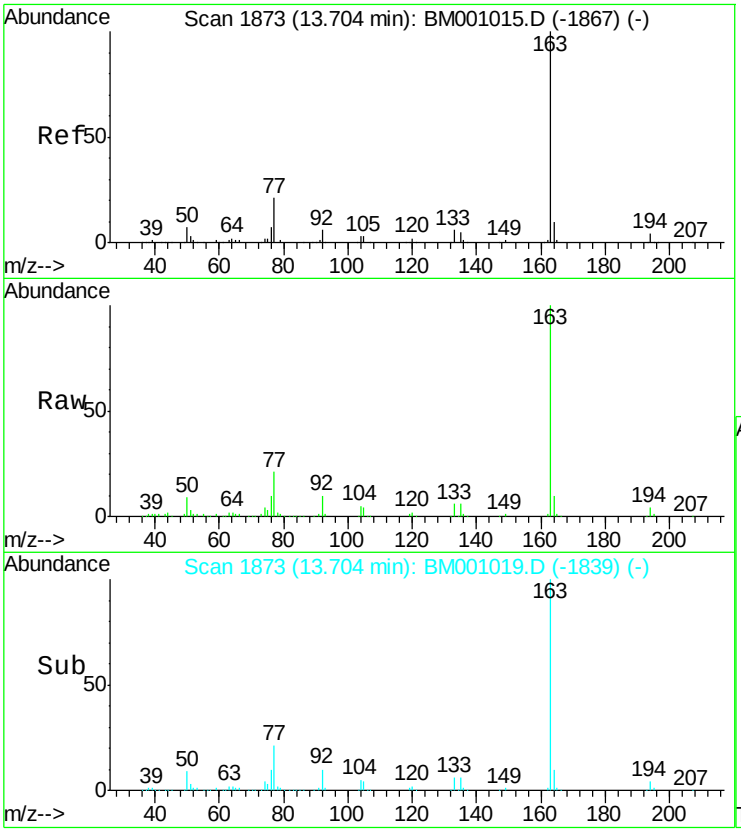


#40
1,1'-Biphenyl
Concen: 40.12 ng/ul
RT: 13.07 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion:154 Resp: 1832353

Ion	Ratio	Lower	Upper
154	100		
153	39.1	32.6	48.8
76	13.4	11.1	16.7



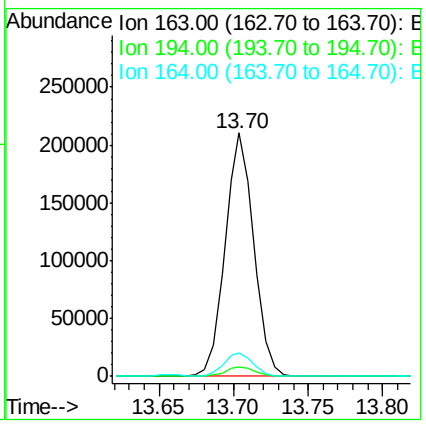


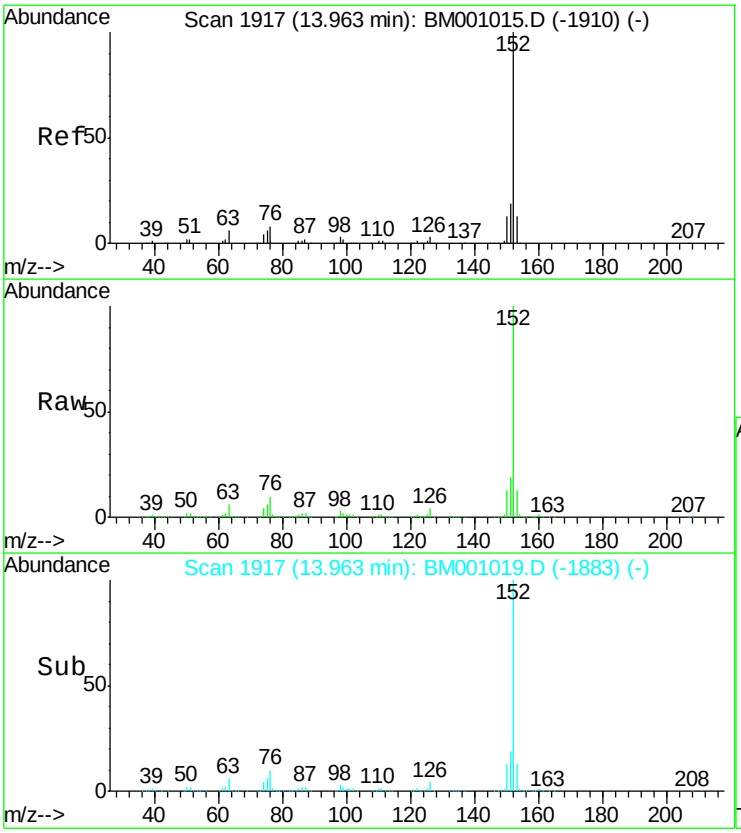
#44
Dimethylphthalate
Concen: 6.94 ng/ul
RT: 13.70 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion:163 Resp: 282610

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.7	8.2	12.2

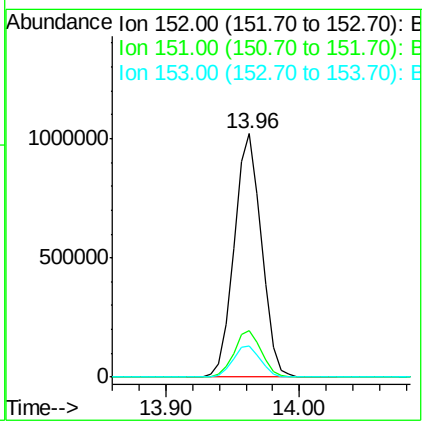


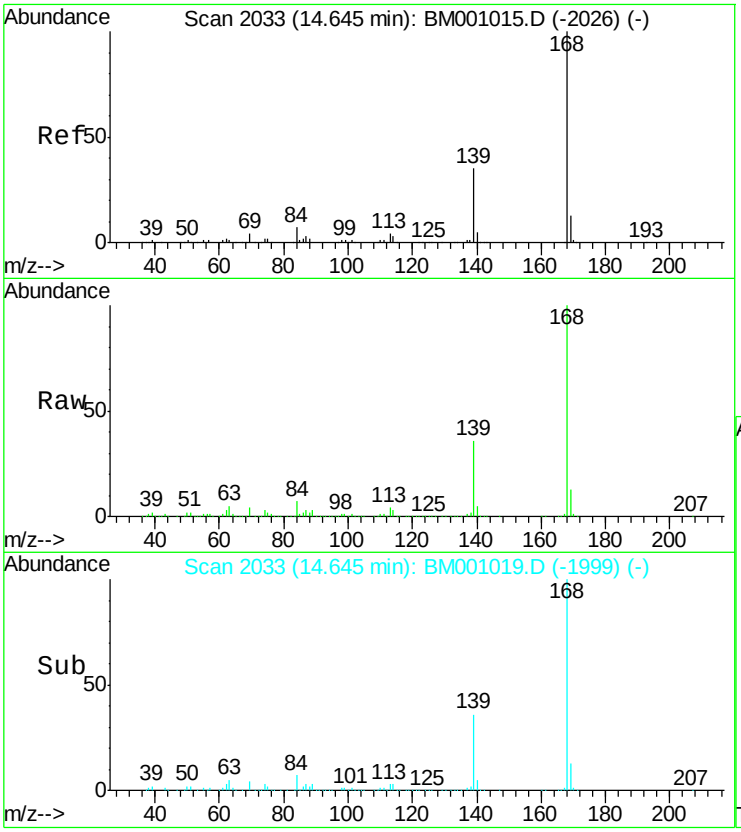


#47
Acenaphthylene
Concen: 25.60 ng/ul
RT: 13.96 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion:152 Resp: 1444382

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9
153	12.9	10.4	15.6



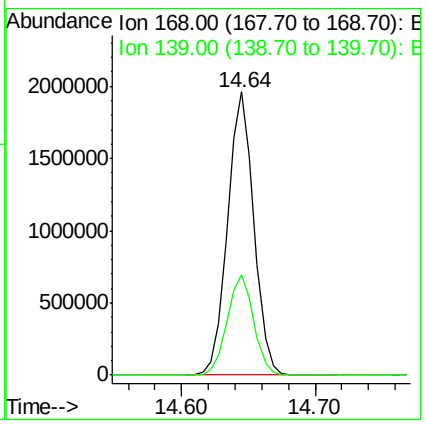


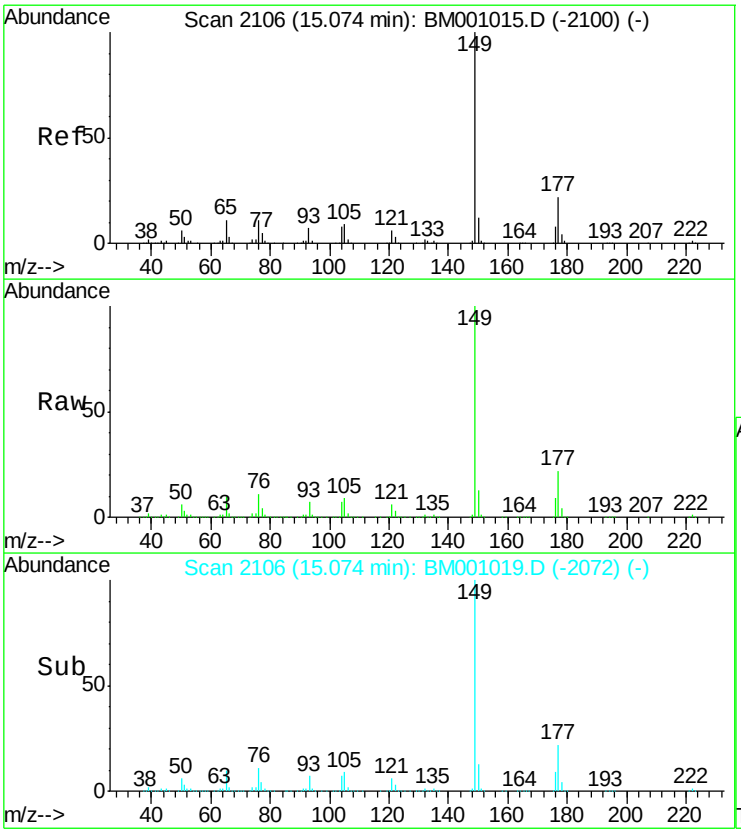
#53
Dibenzofuran
Concen: 52.07 ng/ul
RT: 14.64 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion:168 Resp: 2695168

Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.6	43.0

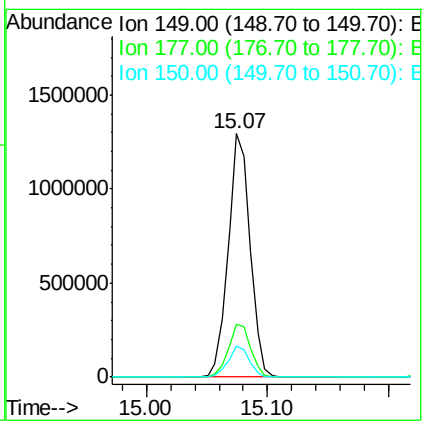


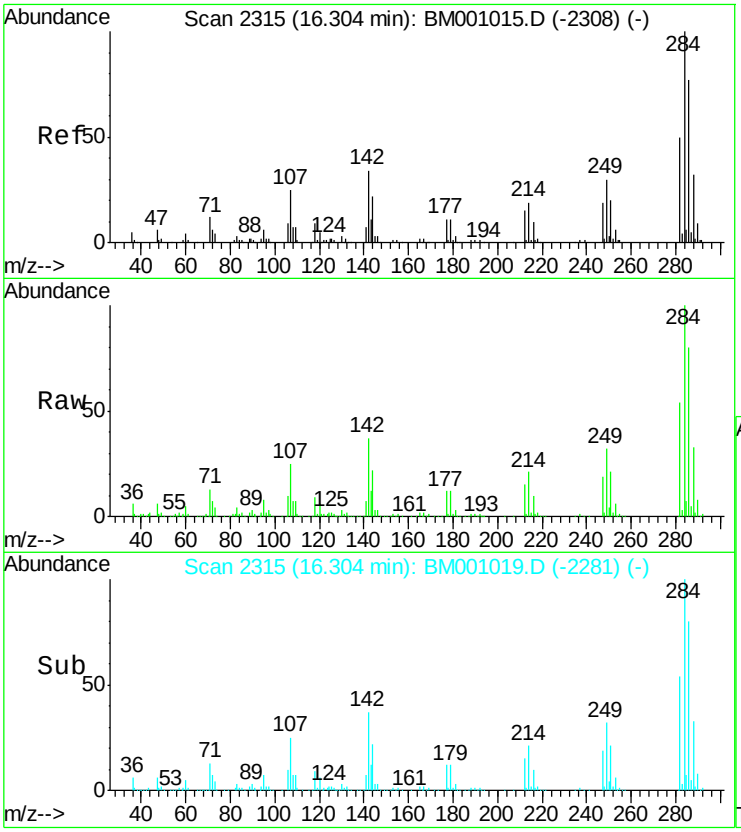


#56
Diethylphthalate
Concen: 40.38 ng/ul
RT: 15.07 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion:149 Resp: 1629894

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.6	9.6	14.4



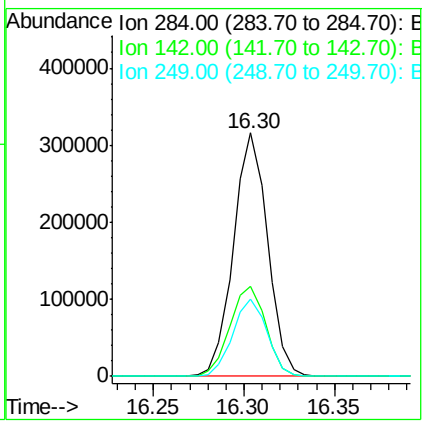


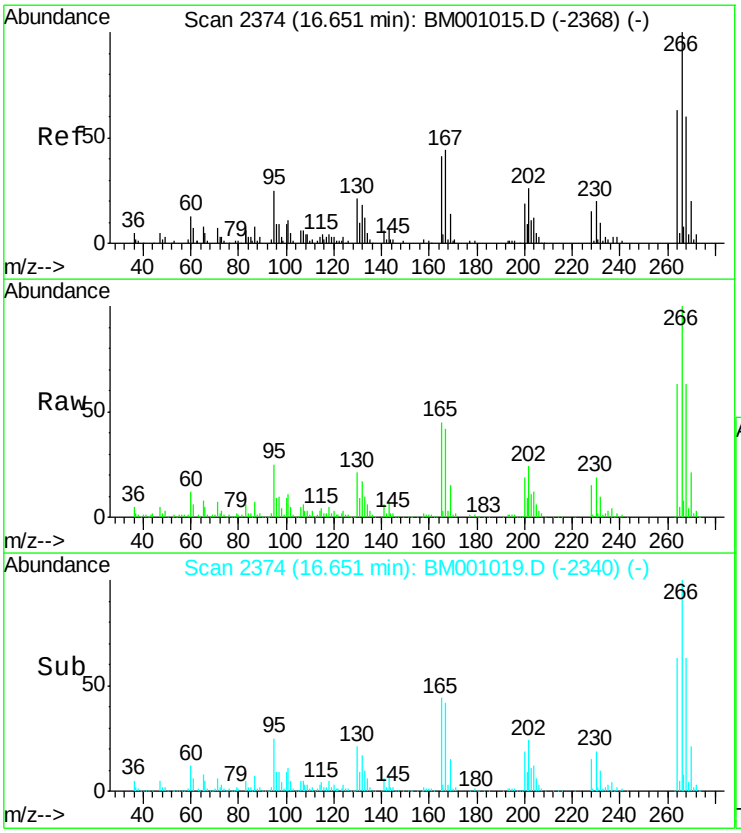
#66
Hexachlorobenzene
Concen: 34.92 ng/ul
RT: 16.30 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion:284 Resp: 413408

Ion	Ratio	Lower	Upper
284	100		
142	37.0	29.8	44.6
249	31.9	24.6	36.8

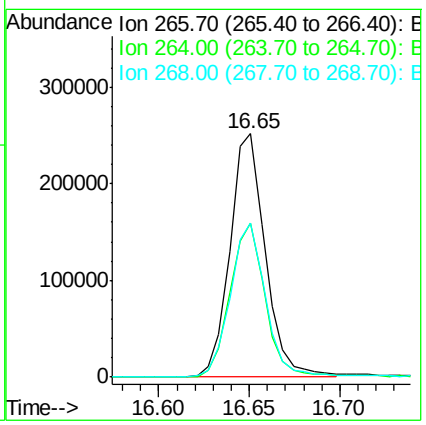


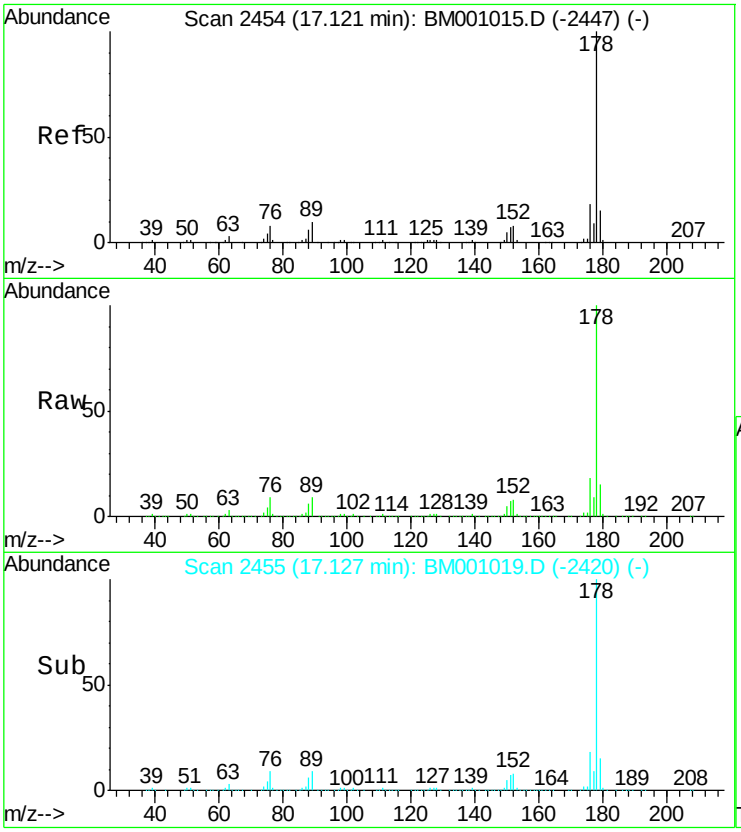


#68
Pentachlorophenol
Concen: 51.94 ng/ul
RT: 16.65 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion:266 Resp: 342724

Ion	Ratio	Lower	Upper
266	100		
264	63.2	52.9	79.3
268	63.0	50.1	75.1



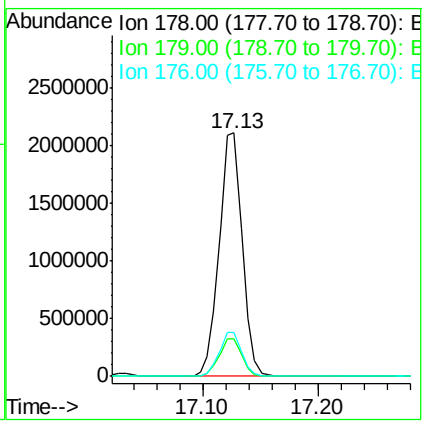


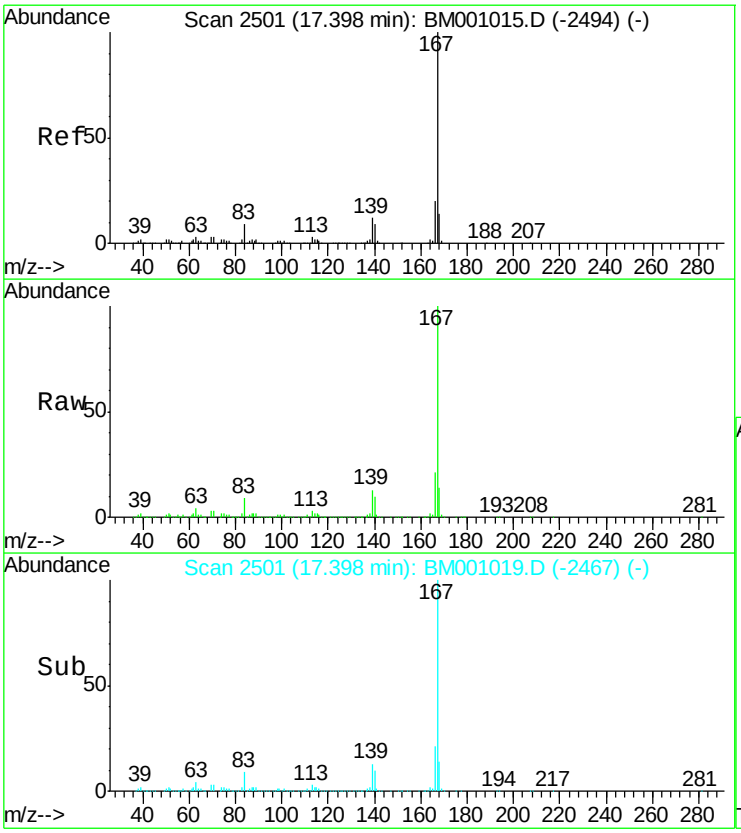
#71
Anthracene
Concen: 47.16 ng/ul
RT: 17.13 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion:178 Resp: 2908862

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.6	17.4
176	17.8	14.4	21.6

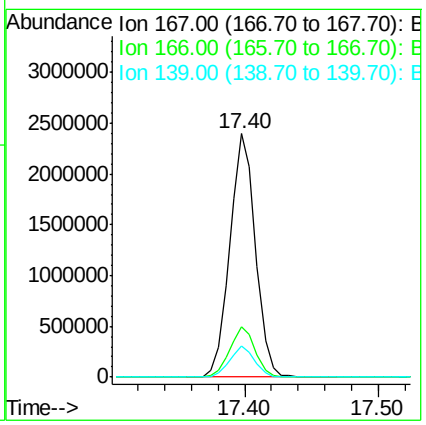


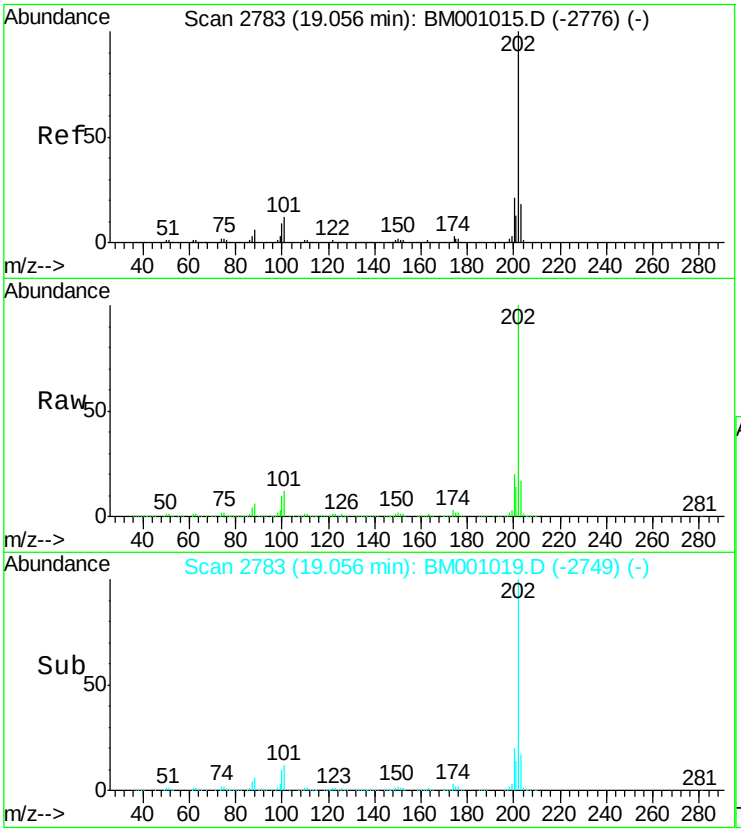


#72
Carbazole
Concen: 58.33 ng/ul
RT: 17.40 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion:167 Resp: 3210859

Ion	Ratio	Lower	Upper
167	100		
166	20.7	16.1	24.1
139	12.6	9.4	14.0



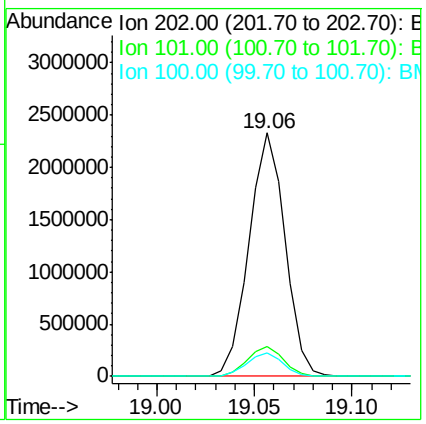


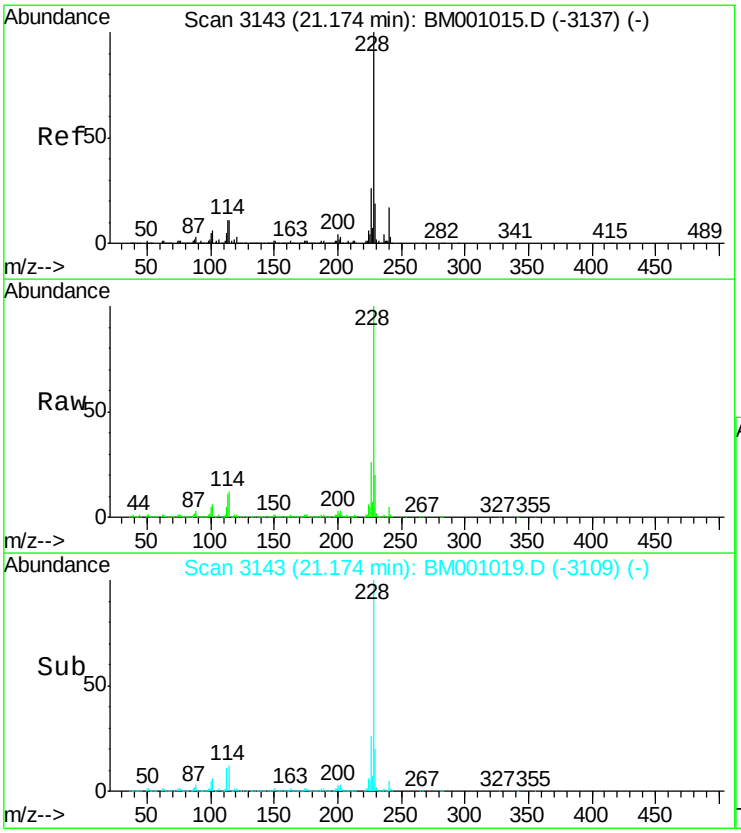
#74
Fluoranthene
Concen: 46.22 ng/ul
RT: 19.06 min Scan# 2783
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion:202 Resp: 2987092

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.3	15.5
100	9.7	8.0	12.0

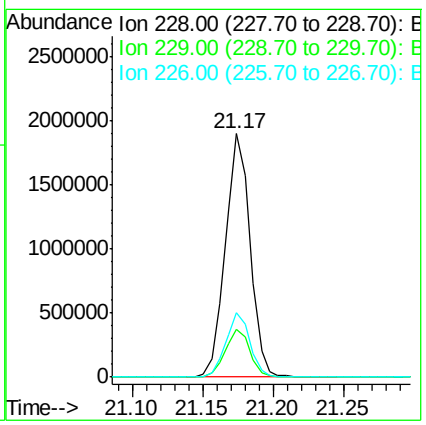


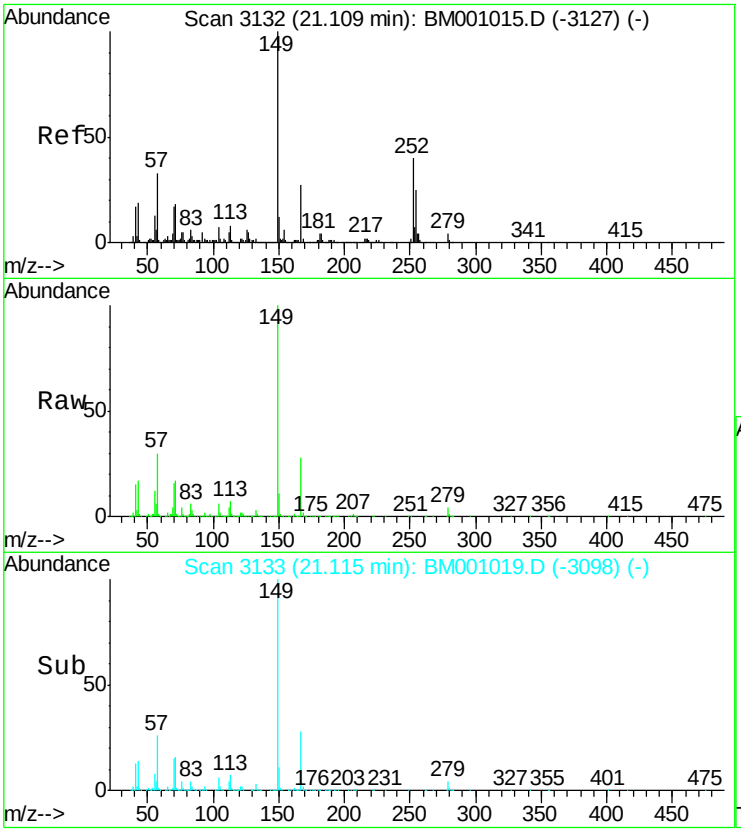


#80
Benzo(a)anthracene
Concen: 37.97 ng/ul
RT: 21.17 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion:228 Resp: 2314486

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	26.2	20.7	31.1



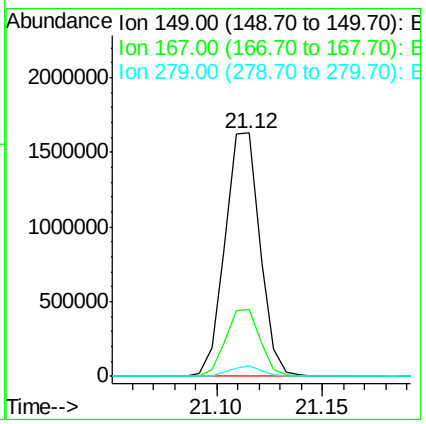


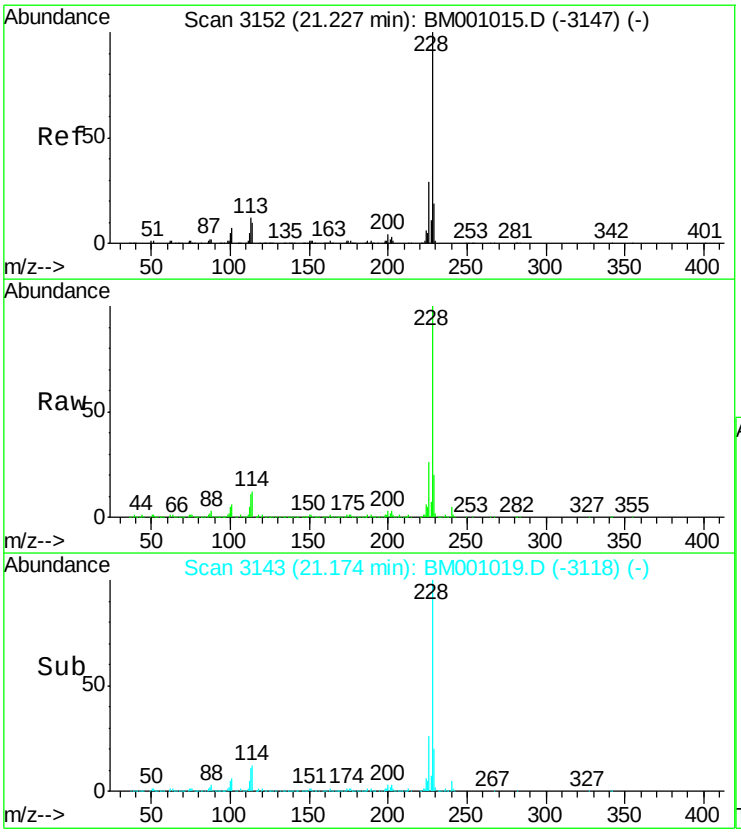
#81
Bis(2-ethylhexyl)phthalate
Concen: 50.78 ng/ul
RT: 21.12 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion:149 Resp: 1858507

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.5	32.3
279	4.2	2.9	4.3

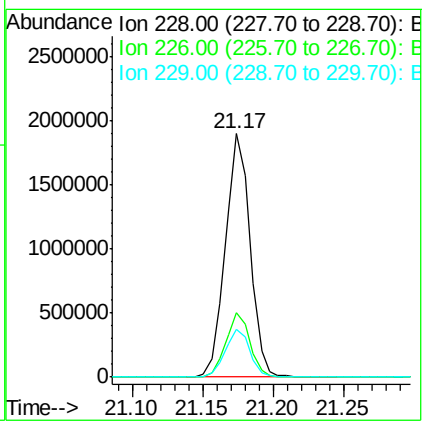


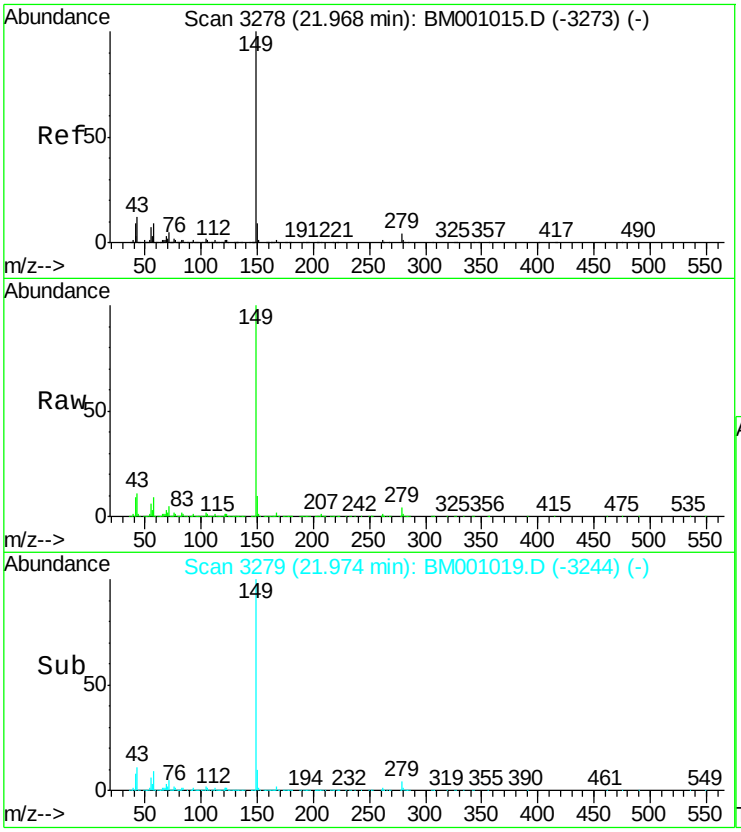


#82
Chrysene
Concen: 39.85 ng/ul
RT: 21.17 min Scan# 3143
Delta R.T. -0.05 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion:228 Resp: 2314486

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	34.0
229	19.9	15.5	23.3

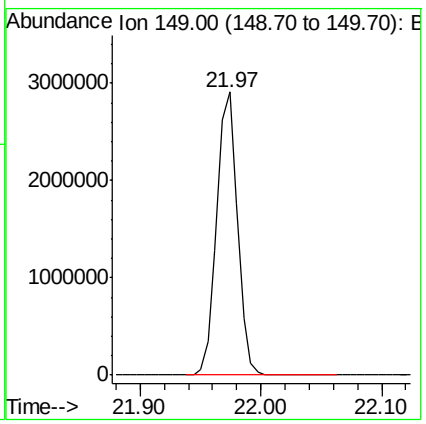


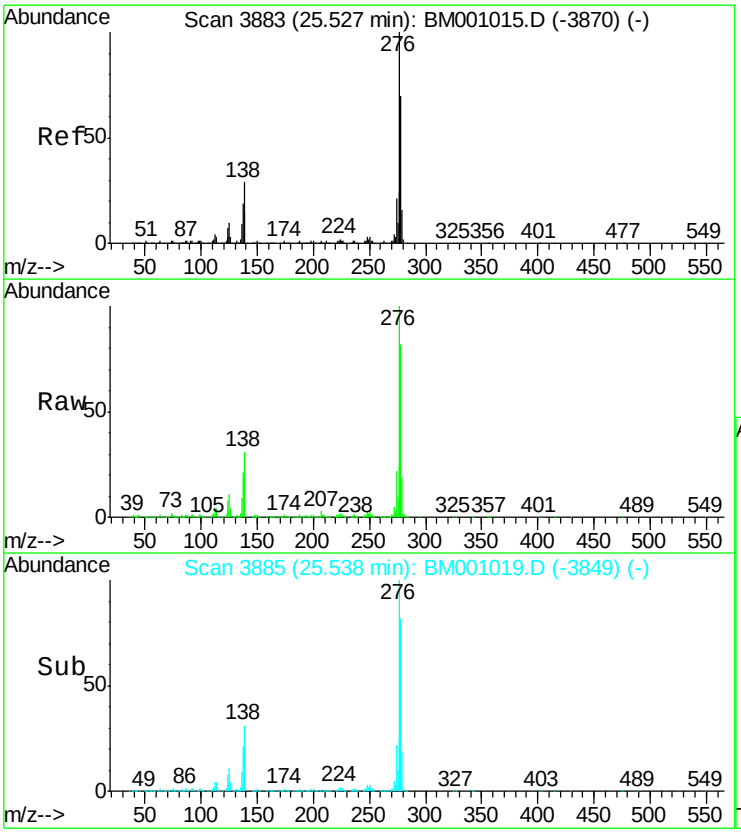


#84
Di-n-octyl phthalate
Concen: 52.40 ng/ul
RT: 21.97 min Scan# 3279
Delta R.T. 0.01 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion:149 Resp: 3441594

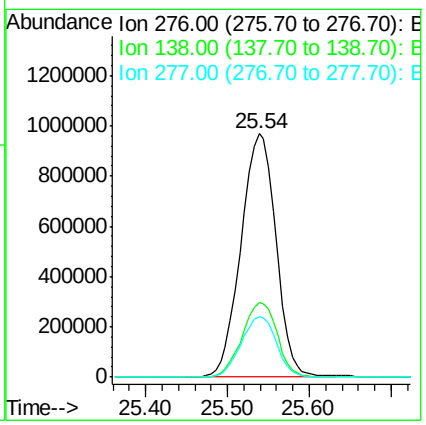


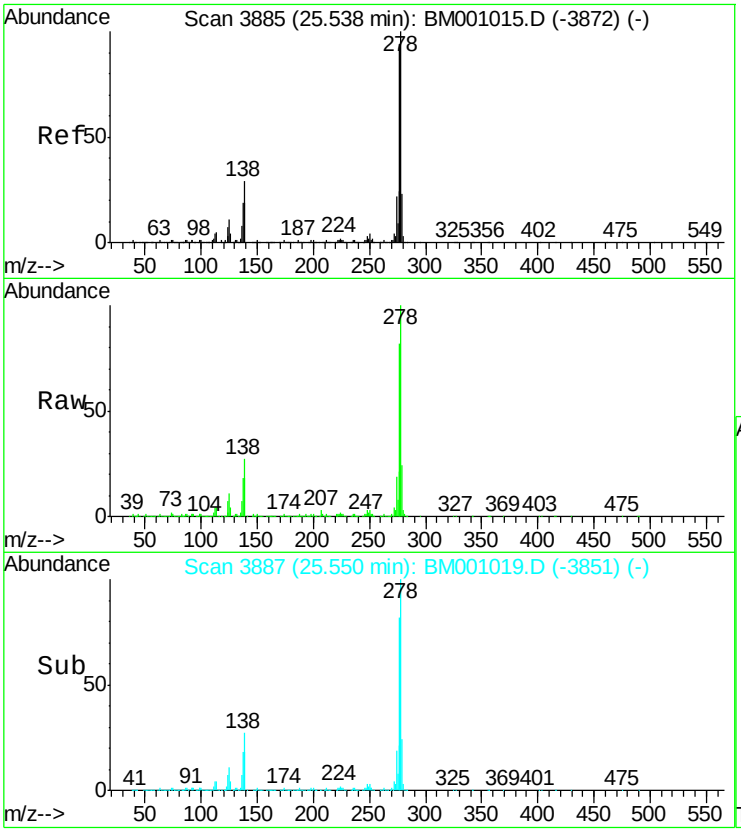


#89
Indeno(1,2,3-cd)pyrene
Concen: 47.36 ng/ul
RT: 25.54 min Scan# 3885
Delta R.T. 0.01 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion:276 Resp: 2890254

Ion	Ratio	Lower	Upper
276	100		
138	30.9	24.6	36.8
277	25.0	20.3	30.5



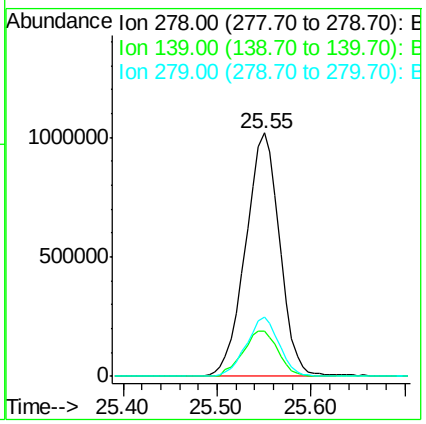


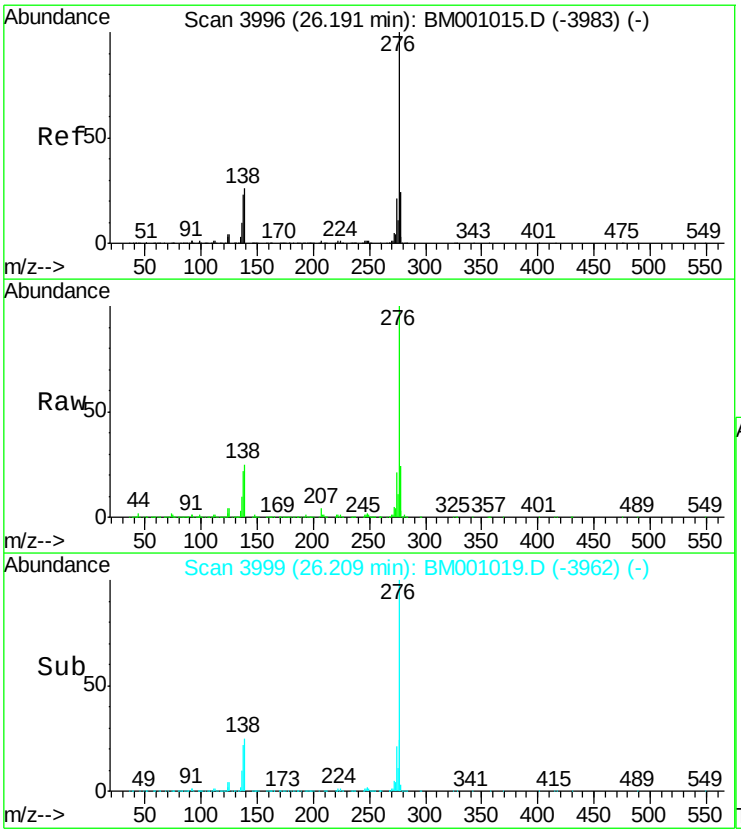
#90
Dibenzo(a,h)anthracene
Concen: 49.83 ng/ul
RT: 25.55 min Scan# 3887
Delta R.T. 0.01 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Instrument :
BNA_M
ClientSampleId :
X1N66

Tgt Ion:278 Resp: 2559691

Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.6	23.4
279	24.3	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 50.24 ng/ul
RT: 26.21 min Scan# 3999
Delta R.T. 0.02 min
Lab File: BM001019.D
Acq: 16 Apr 2015 14:25

Tgt Ion:276 Resp: 2591276

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.9	31.3
277	23.8	18.6	28.0