Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007808.D
Acq On : 09 Nov 2016 21:40
Operator : UM/SJ
Sample : H5554-21MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E5N91MSD

Quant Time: Nov 10 00:27:52 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 23:34:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	174101	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	659040	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	421743	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	841773	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1085696	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1123256	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	16178	3.98	ng/uL	0.00
5) Phenol-d5	6.92	99	280603	20.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	177823	22.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	233954	22.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	161615	15.37	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	117110	24.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	127544	25.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	223692	22.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	228966	20.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	712198	24.80	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	831034	24.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	105623	23.26	ng/ul	0.00
57) Fluorene-d10	15.37	176	617056	24.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	88972	17.79	ng/ul	0.00
70) Anthracene-d10	17.22	188	997794	26.30	ng/ul	0.00
76) Pyrene-d10	19.52	212	1292063	28.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1434695	29.26	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.95	94	343136	24.88	ng/ul	98
10) 2-Chlorophenol	7.31	128	229492	21.71	ng/ul	98
14) Acetophenone	8.57	105	29399	1.78	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	192138	23.48	ng/ul	94
33) 4-Chloro-3-methylphenol	11.82	107	237462	23.26	ng/ul	95
44) Dimethylphthalate	13.84	163	184394	6.61	ng/ul	99
49) Acenaphthene	14.44	153	577706	23.89	ng/ul	100
52) 4-Nitrophenol	14.61	109	103432	22.97	ng/ul	91
54) 2,4-Dinitrotoluene	14.76	165	206370	27.27	ng/ul	98
68) Pentachlorophenol	16.78	266	150596	25.27	ng/ul	99
69) Phenanthrene	17.16	178	166862	3.73	ng/ul	99
74) Fluoranthene	19.18	202	318964	6.10	ng/ul	99
77) Pyrene	19.55	202	1922933	34.28	ng/ul	98
80) Benzo(a)anthracene	21.29	228	152569	2.63	ng/ul	98
82) Chrysene	21.34	228	159762	2.87	ng/ul	96
85) Benzo(b)fluoranthene	22.89	252	232591	3.62	ng/ul#	94
88) Benzo(a)pyrene	23.46	252	193015	3.19	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.83	276	129967	1.79	ng/ul	98
91) Benzo(g,h,i)perylene	26.52	276	111750	1.84	ng/ul	98

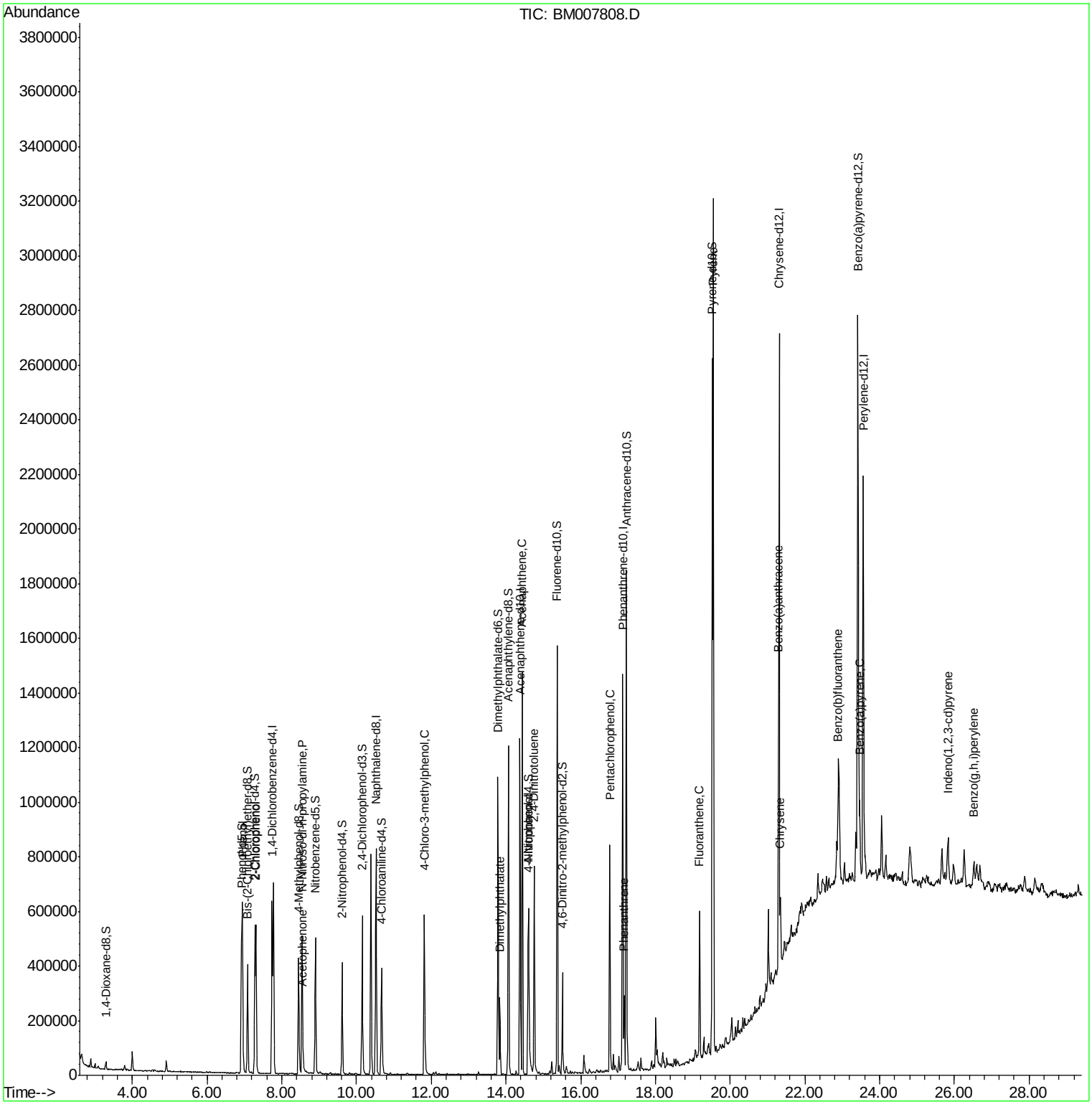
(#) = qualifier out of range (m) = manual integration (+) = signals summed

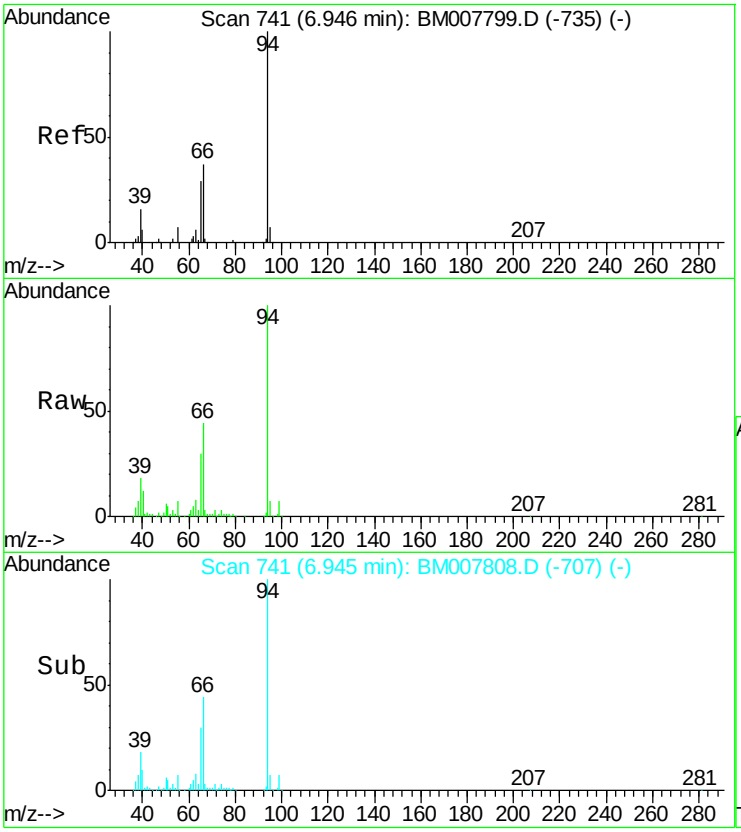
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007808.D
Acq On : 09 Nov 2016 21:40
Operator : UM/SJ
Sample : H5554-21MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5N91MSD

Quant Time: Nov 10 00:27:52 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 23:34:58 2016
Response via : Initial Calibration



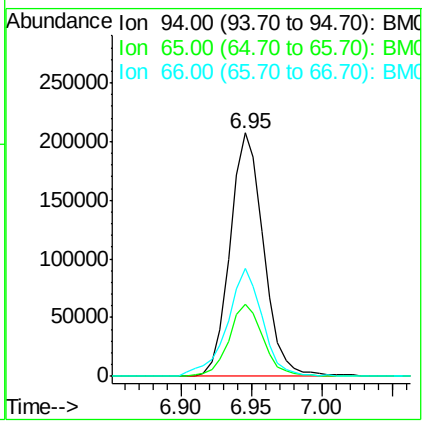


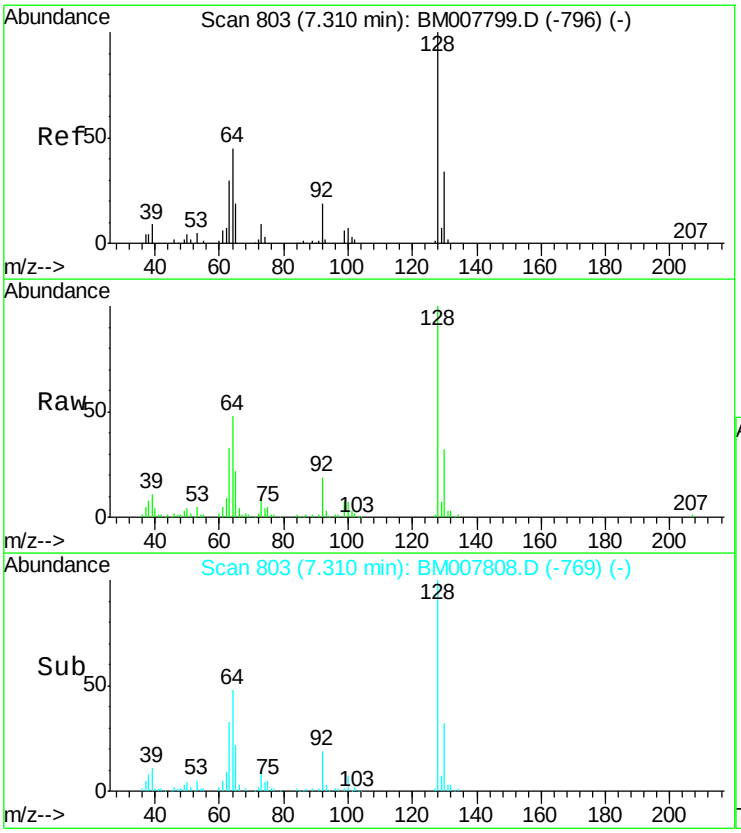
#6
Phenol
Concen: 24.88 ng/ul
RT: 6.95 min Scan# 741
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Instrument :
BNA_M
ClientSampleId :
E5N91MSD

Tgt Ion: 94 Resp: 343136

Ion	Ratio	Lower	Upper
94	100		
65	29.8	23.9	35.9
66	44.1	33.5	50.3

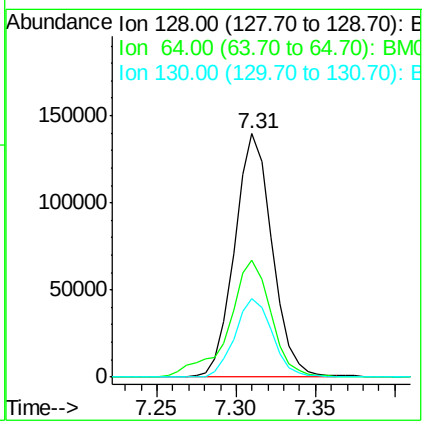


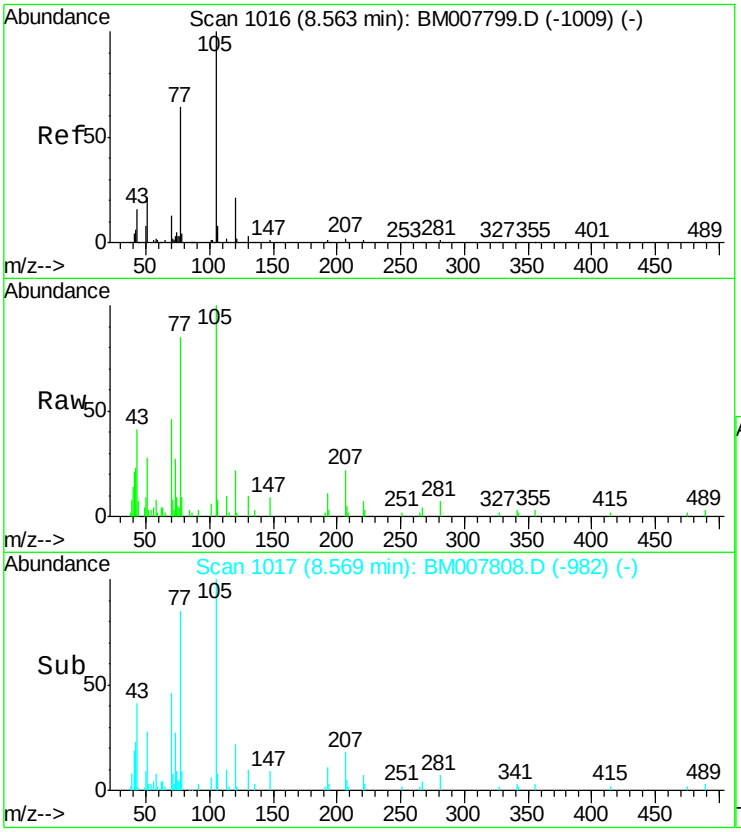


#10
2-Chlorophenol
Concen: 21.71 ng/ul
RT: 7.31 min Scan# 803
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Tgt Ion:128 Resp: 229492

Ion	Ratio	Lower	Upper
128	100		
64	47.8	37.5	56.3
130	32.2	25.0	37.4



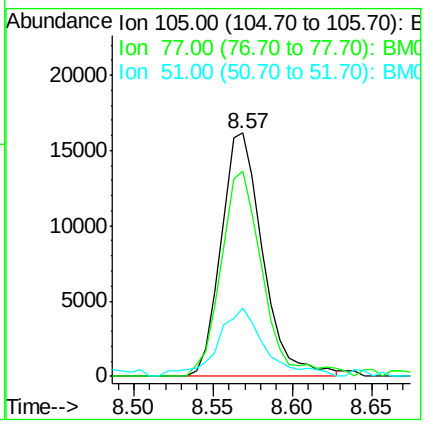


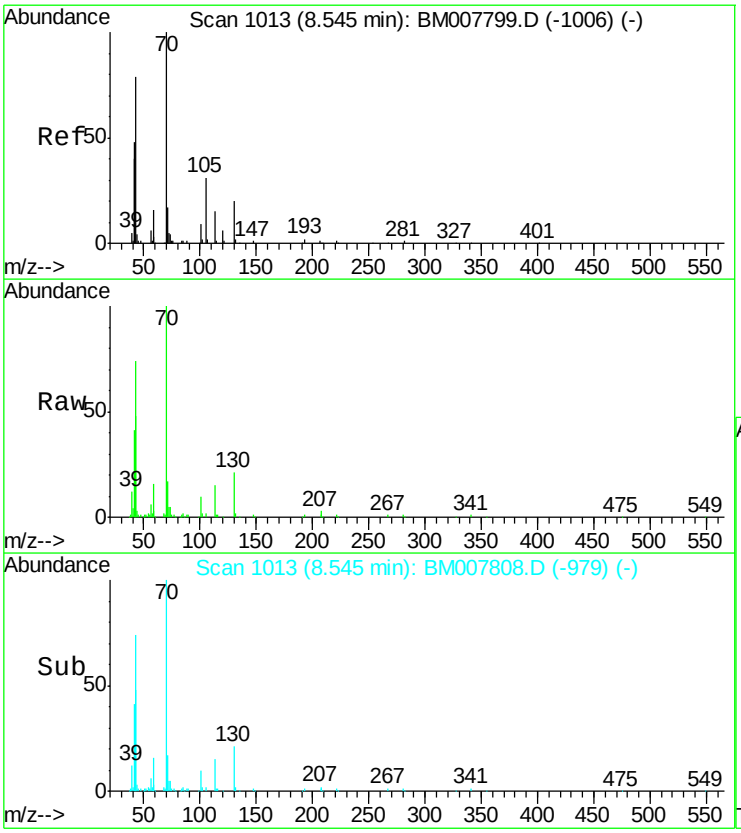
#14
Acetophenone
Concen: 1.78 ng/ul
RT: 8.57 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Instrument :
BNA_M
ClientSampleId :
E5N91MSD

Tgt Ion:105 Resp: 29399

Ion	Ratio	Lower	Upper
105	100		
77	84.5	65.9	98.9
51	28.2	22.2	33.2

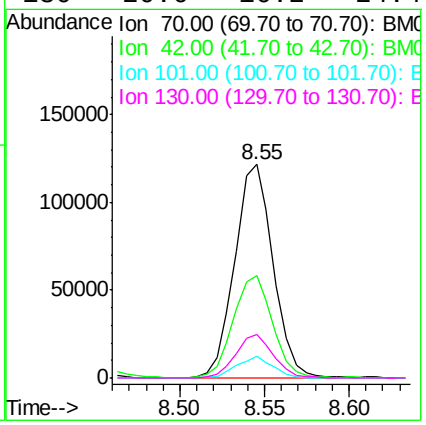


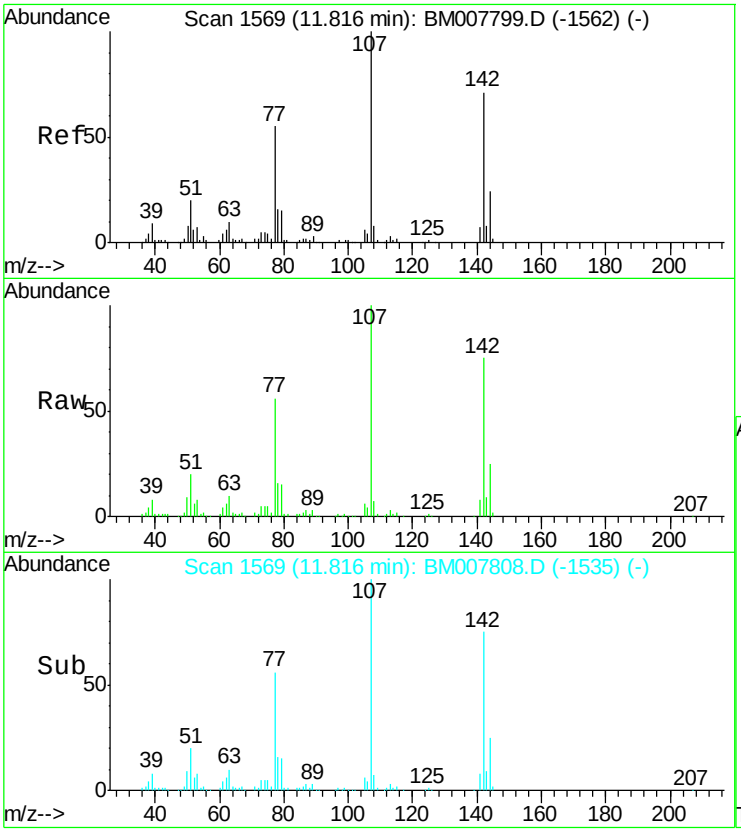


#15
N-Nitroso-di-n-propylamine
Concen: 23.48 ng/ul
RT: 8.55 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Tgt Ion: 70 Resp: 192138

Ion	Ratio	Lower	Upper
70	100		
42	48.0	43.4	65.2
101	10.2	7.8	11.6
130	20.6	16.2	24.4



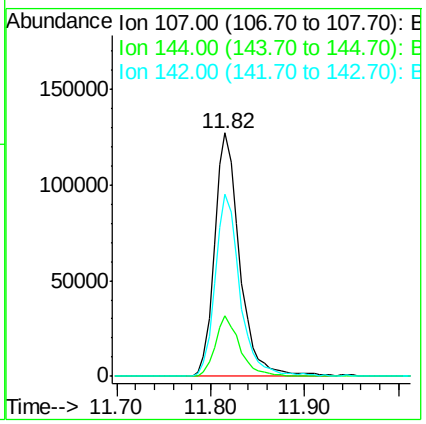


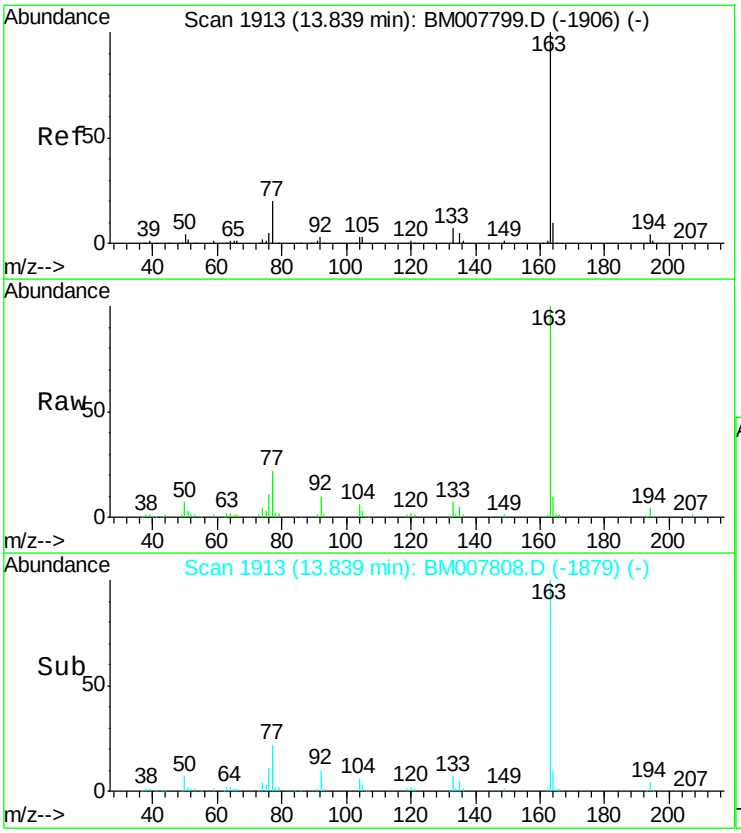
#33
4-Chloro-3-methylphenol
Concen: 23.26 ng/ul
RT: 11.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Instrument :
BNA_M
ClientSampleId :
E5N91MSD

Tgt Ion:107 Resp: 237462

Ion	Ratio	Lower	Upper
107	100		
144	24.7	21.1	31.7
142	75.0	64.1	96.1

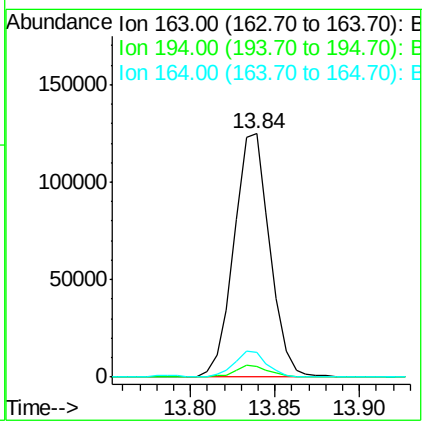


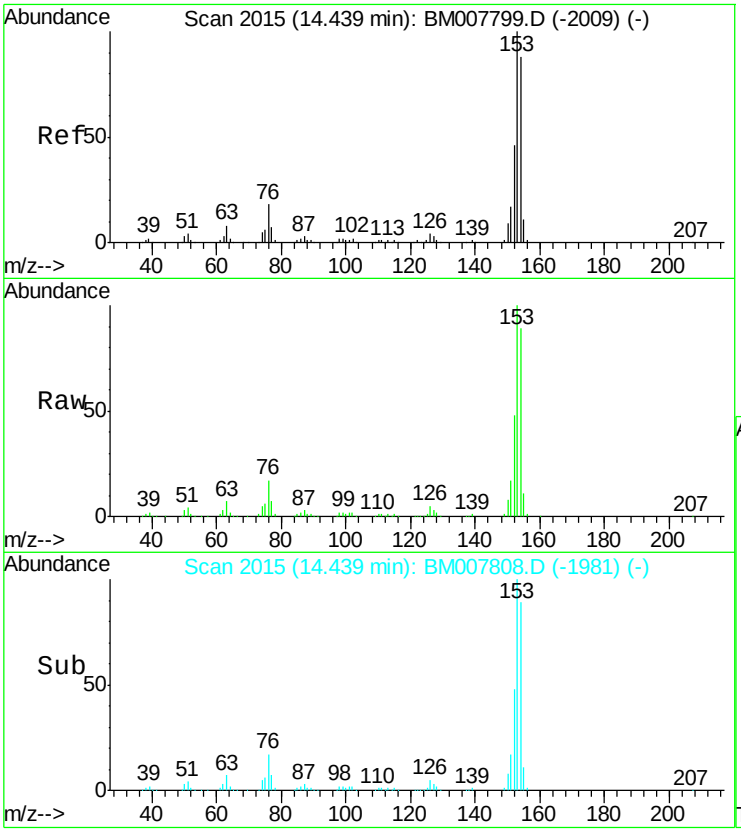


#44
Dimethylphthalate
Concen: 6.61 ng/ul
RT: 13.84 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Tgt Ion:163 Resp: 184394

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	7.8	11.8



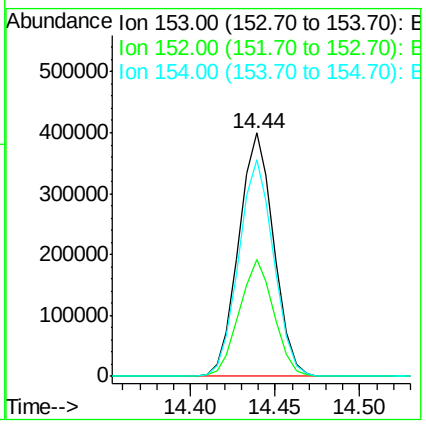


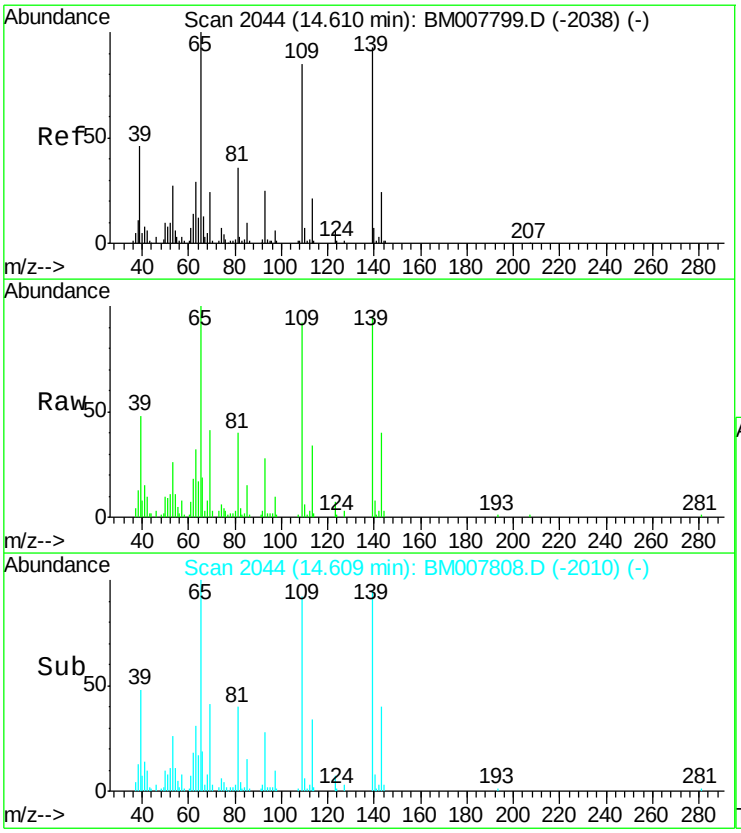
#49
Acenaphthene
Concen: 23.89 ng/ul
RT: 14.44 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Instrument :
BNA_M
ClientSampleId :
E5N91MSD

Tgt Ion:153 Resp: 577706

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.8	56.6
154	89.2	71.4	107.0

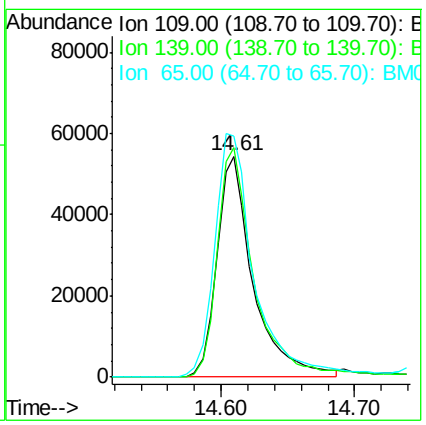


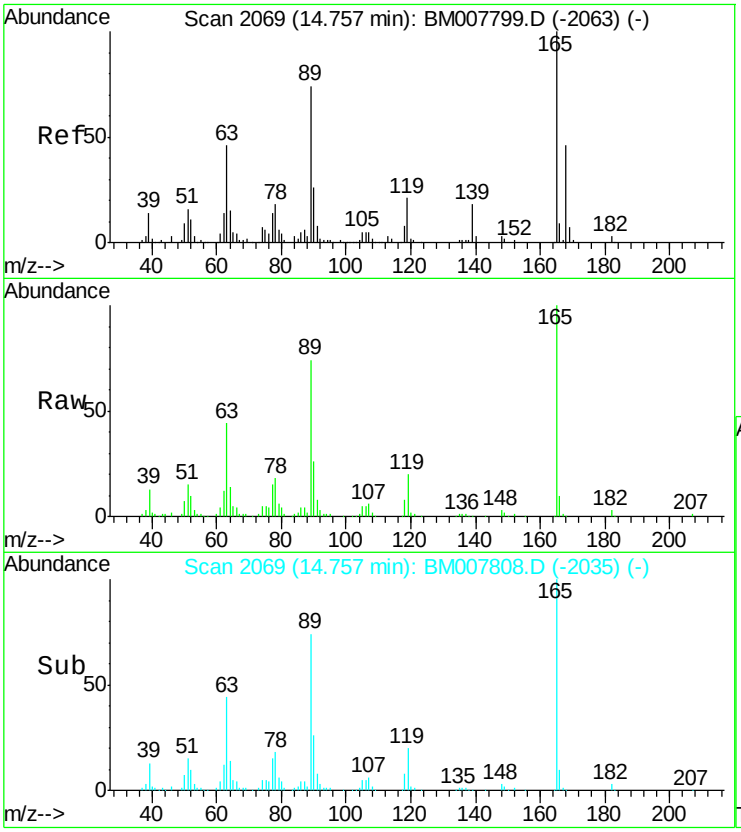


#52
4-Nitrophenol
Concen: 22.97 ng/ul
RT: 14.61 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Tgt Ion:109 Resp: 103432

Ion	Ratio	Lower	Upper
109	100		
139	103.7	88.7	133.1
65	109.2	96.4	144.6



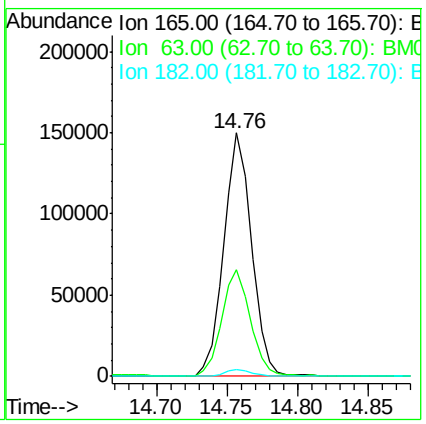


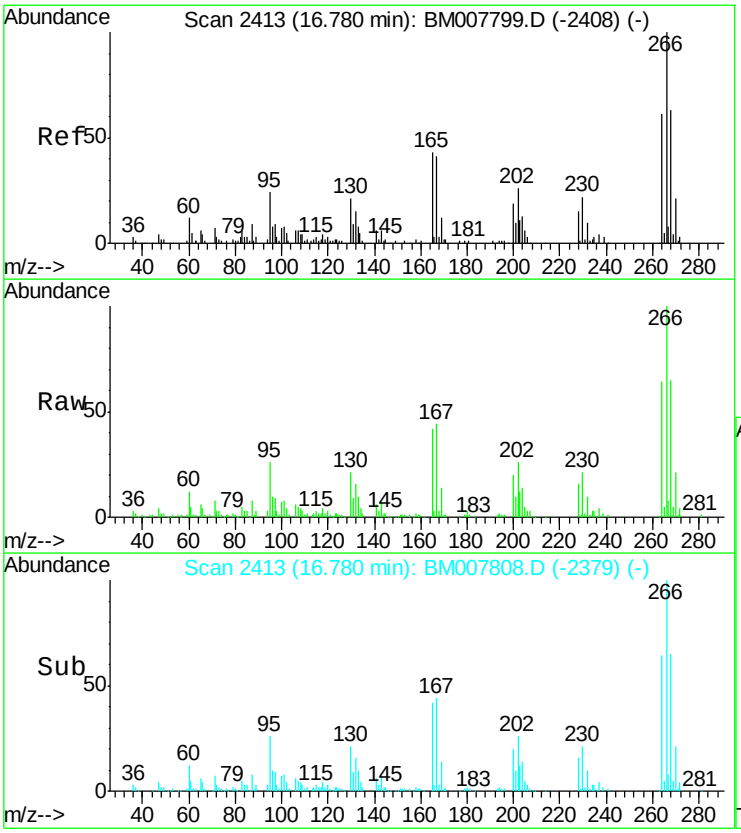
#54
2,4-Dinitrotoluene
Concen: 27.27 ng/ul
RT: 14.76 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Instrument :
BNA_M
ClientSampleId :
E5N91MSD

Tgt Ion:165 Resp: 206370

Ion	Ratio	Lower	Upper
165	100		
63	43.9	36.2	54.2
182	3.0	2.2	3.4

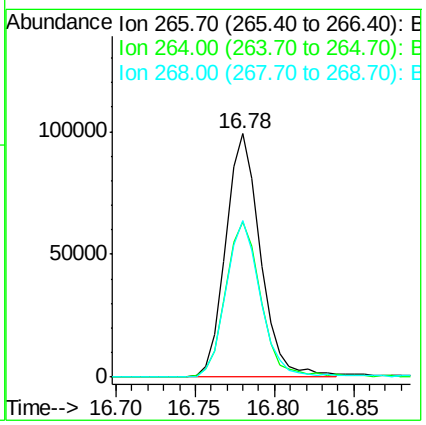


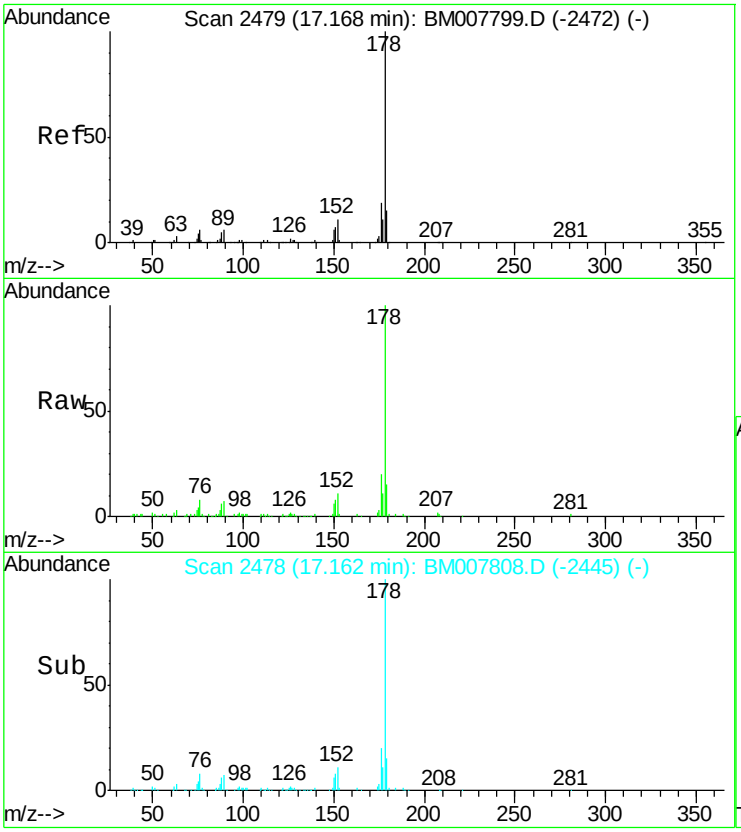


#68
Pentachlorophenol
Concen: 25.27 ng/ul
RT: 16.78 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Tgt Ion:266 Resp: 150596

Ion	Ratio	Lower	Upper
266	100		
264	64.0	50.6	75.8
268	64.6	51.0	76.6



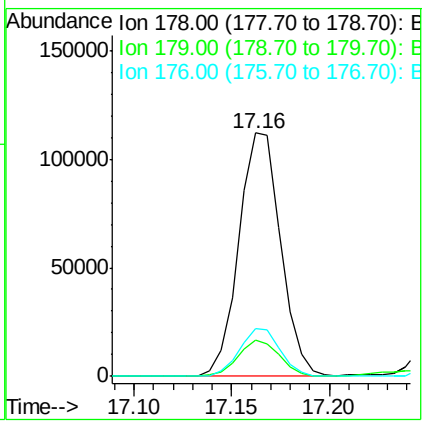


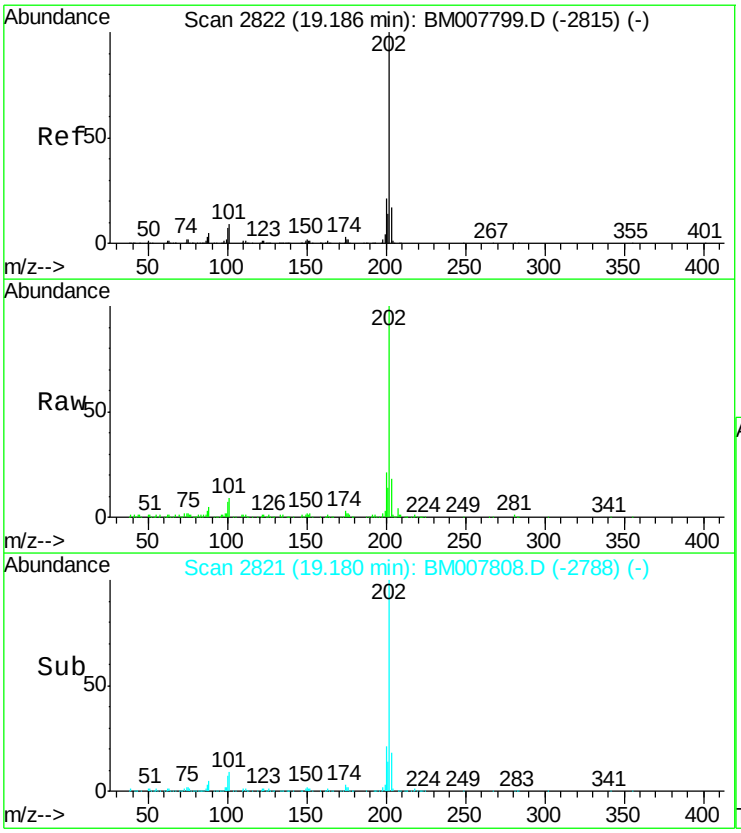
#69
Phenanthrene
Concen: 3.73 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.01 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Instrument :
BNA_M
ClientSampleId :
E5N91MSD

Tgt Ion:178 Resp: 166862

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.6	15.1	22.7

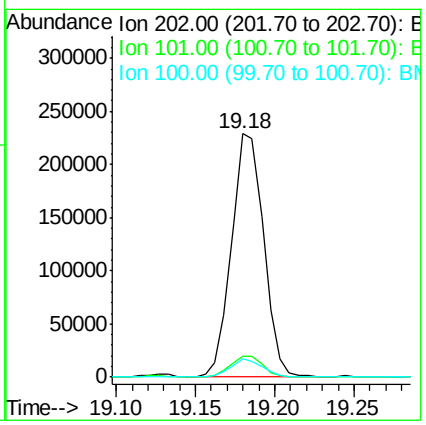


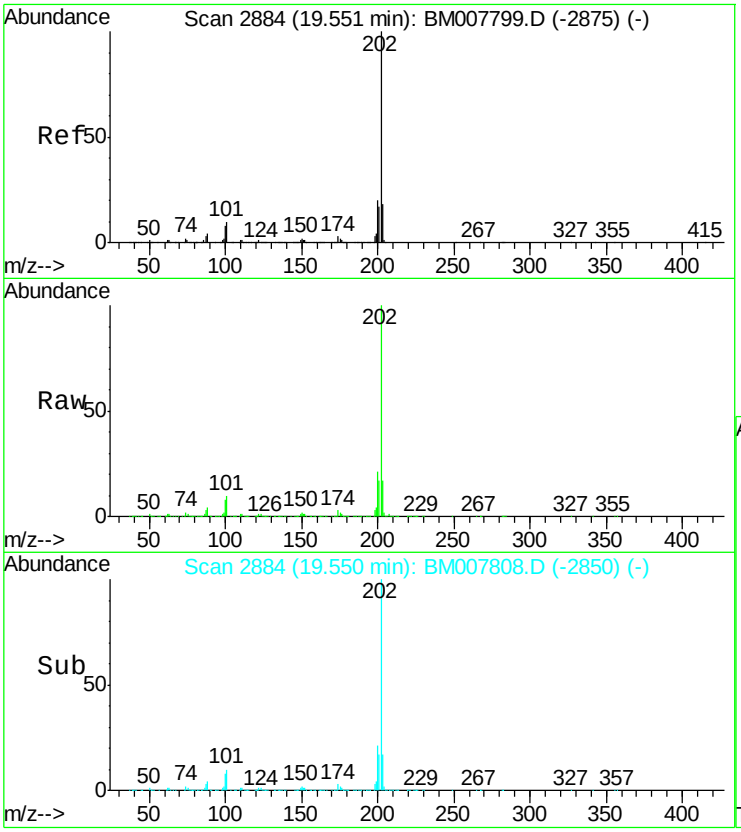


#74
Fluoranthene
Concen: 6.10 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Tgt Ion:202 Resp: 318964

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
100	7.4	5.4	8.0



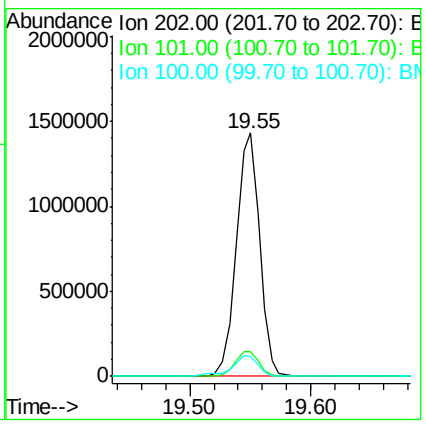


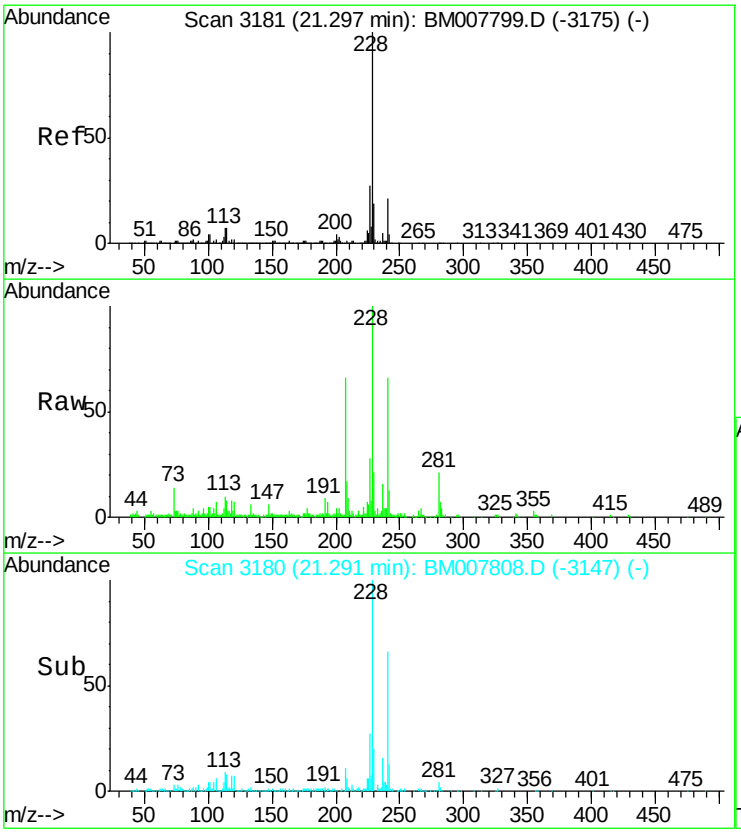
#77
Pyrene
Concen: 34.28 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Instrument :
BNA_M
ClientSampleId :
E5N91MSD

Tgt Ion:202 Resp: 1922933

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
100	8.0	6.9	10.3

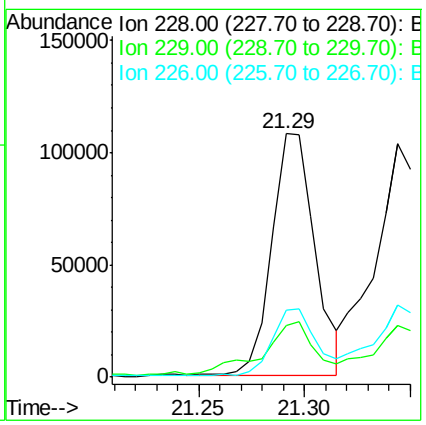


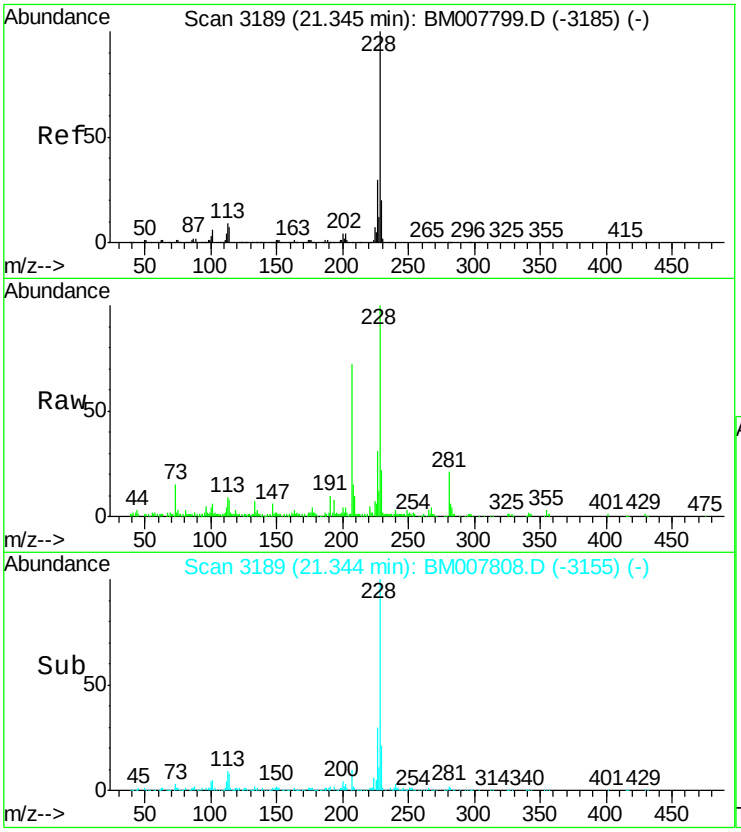


#80
Benzo(a)anthracene
Concen: 2.63 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Tgt Ion:228 Resp: 152569

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	27.6	21.8	32.8



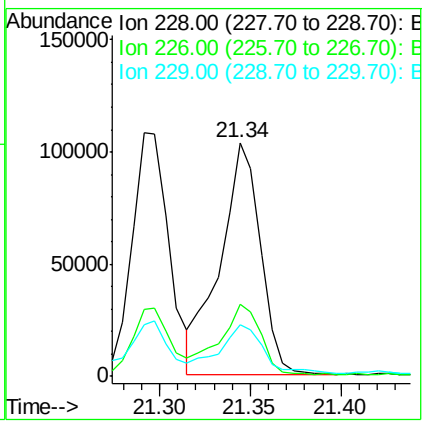


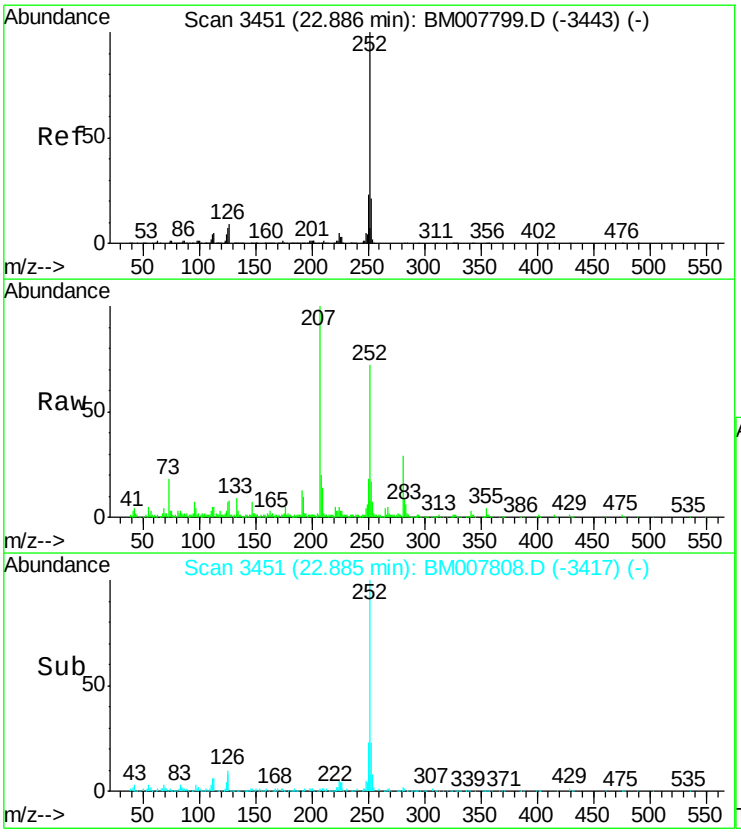
#82
Chrysene
Concen: 2.87 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Instrument :
BNA_M
ClientSampleId :
E5N91MSD

Tgt Ion:228 Resp: 159762

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	22.0	15.5	23.3

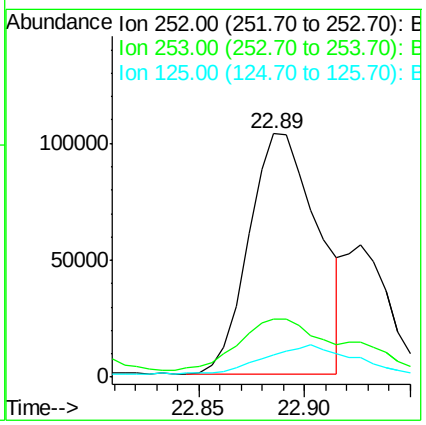


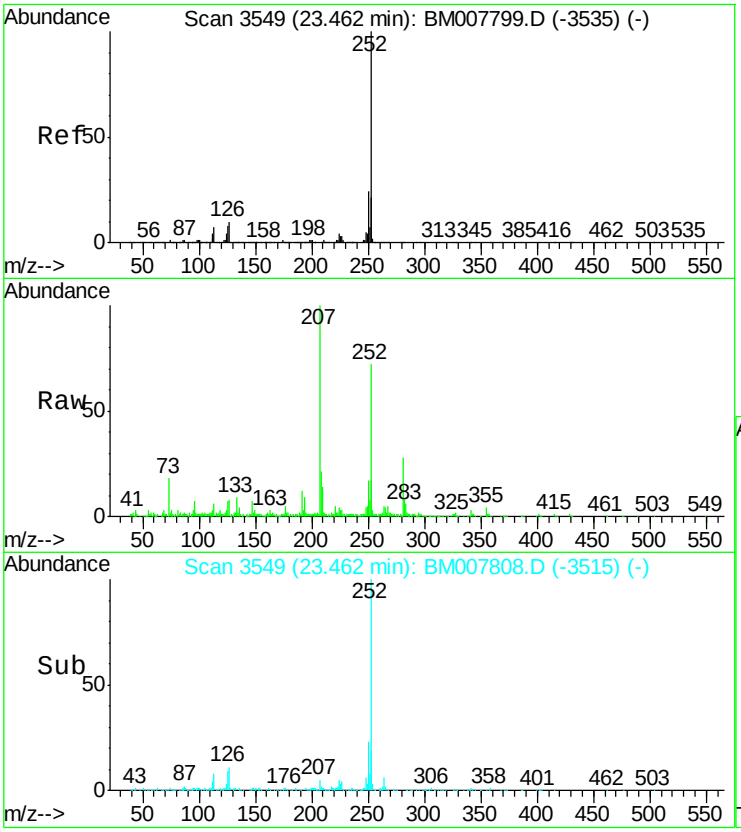


#85
Benzo(b)fluoranthene
Concen: 3.62 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Tgt Ion:252 Resp: 232591

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	9.3	5.8	8.8#



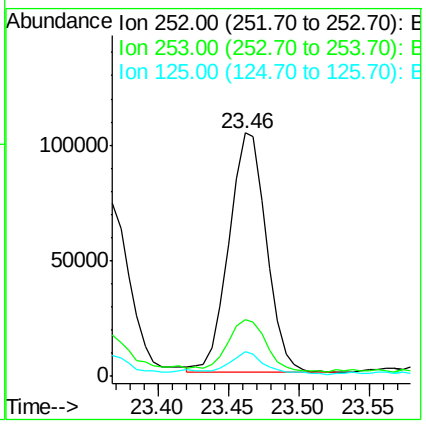


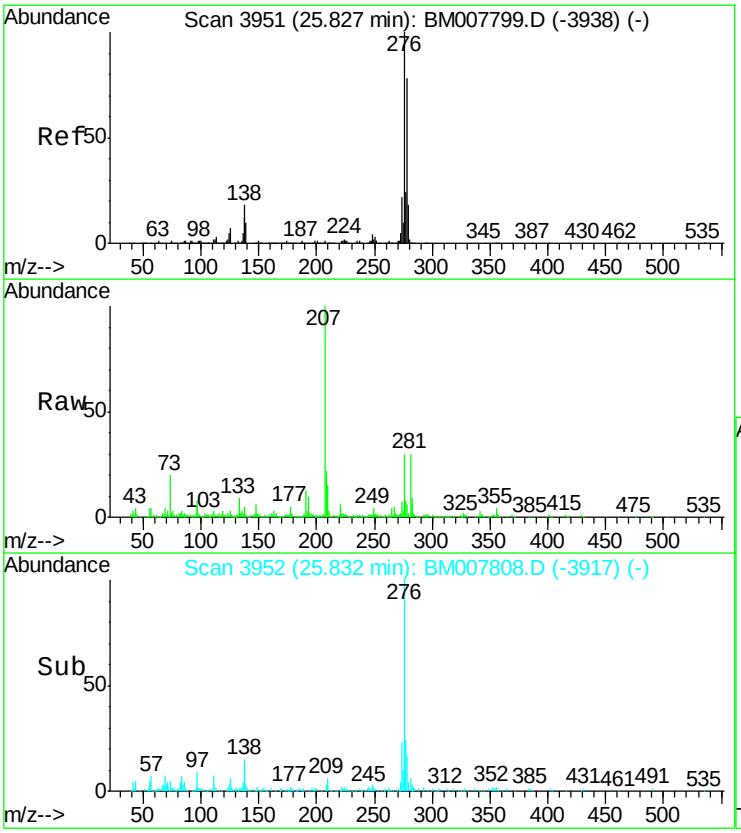
#88
Benzo(a)pyrene
Concen: 3.19 ng/ul
RT: 23.46 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Instrument :
BNA_M
ClientSampleId :
E5N91MSD

Tgt Ion:252 Resp: 193015

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	10.4	6.6	9.8#

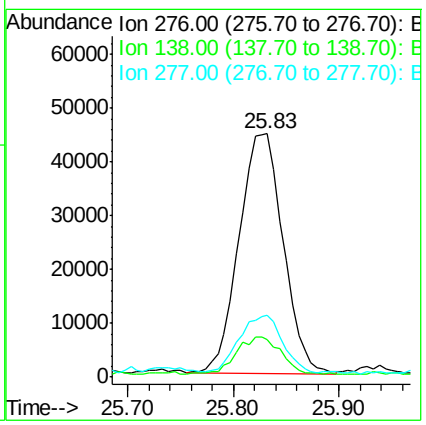


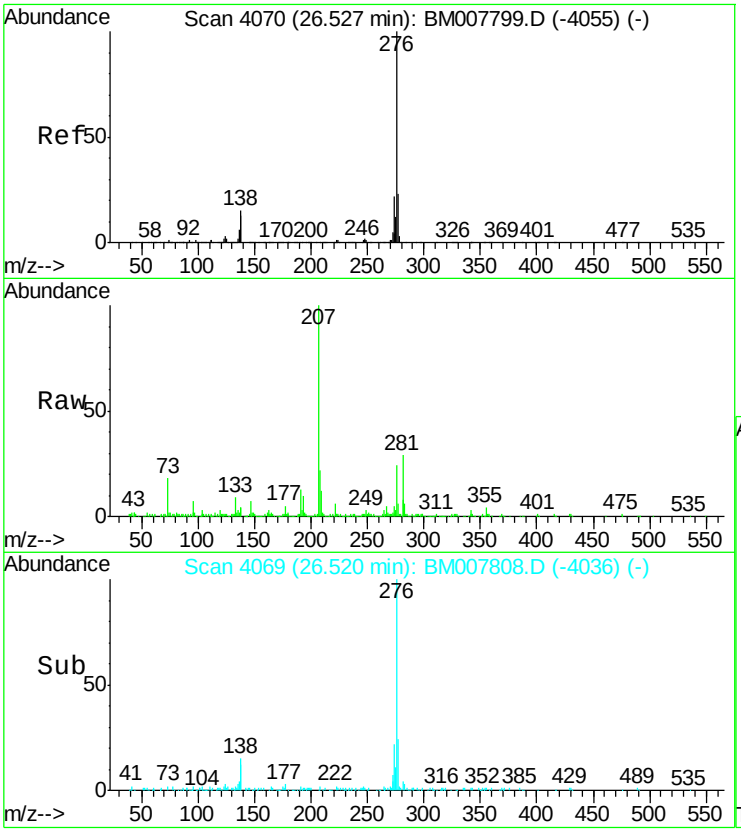


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.79 ng/ul
RT: 25.83 min Scan# 3952
Delta R.T. 0.01 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Tgt Ion:276 Resp: 129967

Ion	Ratio	Lower	Upper
276	100		
138	15.3	13.9	20.9
277	25.3	20.1	30.1





#91
Benzo(g,h,i)perylene
Concen: 1.84 ng/ul
RT: 26.52 min Scan# 4069
Delta R.T. -0.01 min
Lab File: BM007808.D
Acq: 09 Nov 2016 21:40

Instrument :
BNA_M
ClientSampleId :
E5N91MSD

Tgt Ion:276 Resp: 111750

Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.5	20.3
277	25.3	19.3	28.9