Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005474.D
Acq On : 18 May 2016 17:54
Operator : UM/SJ
Sample : H2844-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Time: May 19 01:44:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	42618	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	215887	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	150099	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	397942	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	587546	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	673964	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	1378	1.24	ng/uL	0.00
5) Phenol-d5	6.99	99	29180	7.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	86668	38.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	88243	28.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	56317	16.15	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	57620	37.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	65294	38.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	111937	33.22	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.88	166	503740	40.82	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	580203	39.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	16909	6.68	ng/ul	0.00
57) Fluorene-d10	15.46	176	450681	41.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	70366	33.55	ng/ul	0.00
70) Anthracene-d10	17.30	188	737688	40.30	ng/ul	0.00
76) Pyrene-d10	19.59	212	937048	39.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1234927	40.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	3284	2.65	ng/uL#	84
8) Bis(2-Chloroethyl)ether	7.27	93	234	0.08	ng/ul#	21
12) 2,2'-oxybis(1-Chloropropan	8.53	45	111	0.03	ng/ul#	67
15) N-Nitroso-di-n-propylamine	8.53	70	1324	0.45	ng/ul#	1
20) Nitrobenzene	8.99	77	243	0.06	ng/ul#	41
21) Isophorone	9.71	82	6051	0.76	ng/ul#	70
28) Naphthalene	10.68	128	583	0.05	ng/ul#	69
45) 2,6-Dinitrotoluene	13.89	165	2985	1.23	ng/ul#	38
56) Diethylphthalate	15.29	149	683	0.05	ng/ul#	59
58) Fluorene	15.46	166	954	0.08	ng/ul#	9
64) N-Nitrosodiphenylamine	15.57	169	293	0.03	ng/ul#	1
69) Phenanthrene	17.24	178	723	0.03	ng/ul#	60
71) Anthracene	17.24	178	723	0.03	ng/ul#	60
72) Carbazole	17.50	167	288	0.01	ng/ul#	60
73) Di-n-butylphthalate	18.17	149	1346	0.05	ng/ul#	78
74) Fluoranthene	19.26	202	646	0.02	ng/ul#	72
77) Pyrene	19.62	202	793	0.03	ng/ul#	18
80) Benzo(a)anthracene	21.38	228	1889	0.05	ng/ul#	61
81) Bis(2-ethylhexyl)phthalate	21.30	149	914	0.05	ng/ul#	52
82) Chrysene	21.42	228	642	0.02	ng/ul#	50
84) Di-n-octyl phthalate	22.20	149	314	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.98	252	359	0.01	ng/ul#	60
86) Benzo(k)fluoranthene	23.00	252	140	0.00	ng/ul#	60

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005474.D
Acq On : 18 May 2016 17:54
Operator : UM/SJ
Sample : H2844-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Time: May 19 01:44:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(a)pyrene	23.56	252	244	0.01	ng/ul#	1

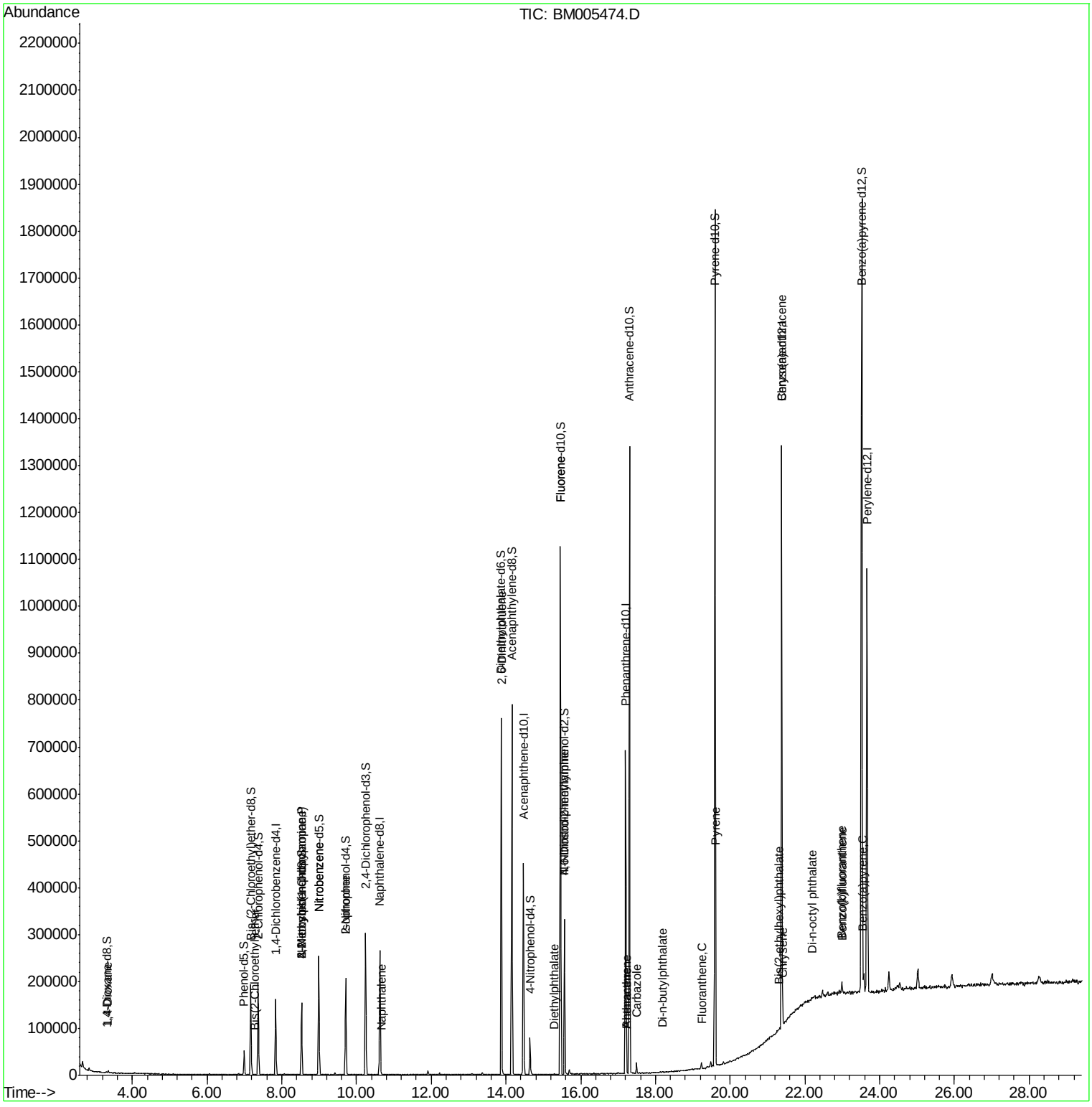
(#) = qualifier out of range (m) = manual integration (+) = signals summed

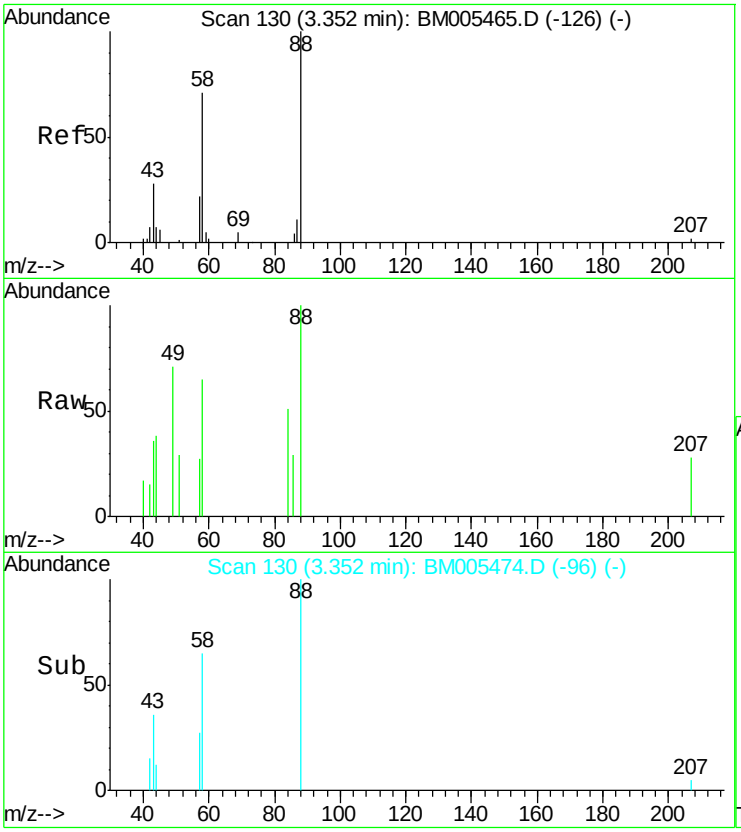
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005474.D
Acq On : 18 May 2016 17:54
Operator : UM/SJ
Sample : H2844-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB8

Quant Time: May 19 01:44:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration



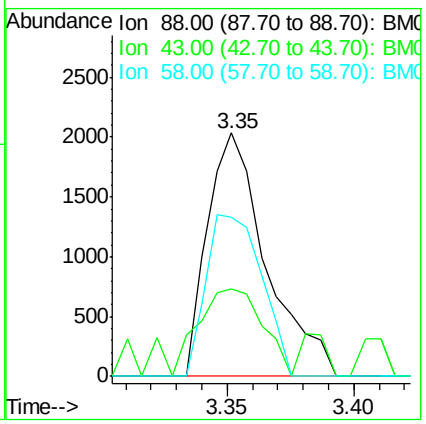


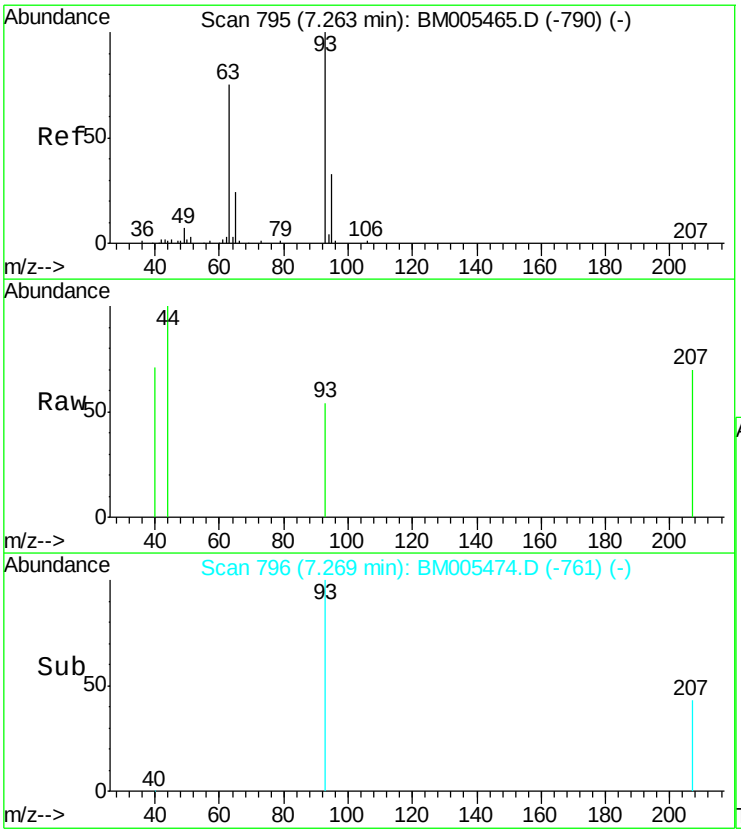
#2
1,4-Dioxane
Concen: 2.65 ng/uL
RT: 3.35 min Scan# 130
Delta R.T. 0.00 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion: 88 Resp: 3284

Ion	Ratio	Lower	Upper
88	100		
43	39.4	19.3	28.9#
58	62.6	57.9	86.9

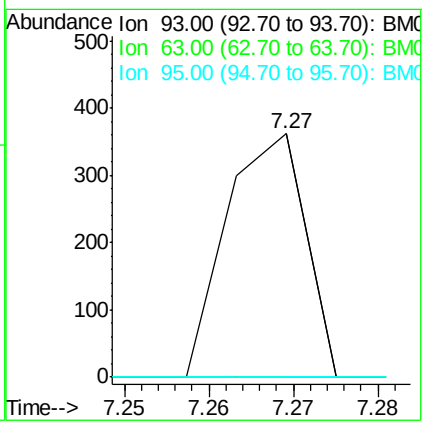


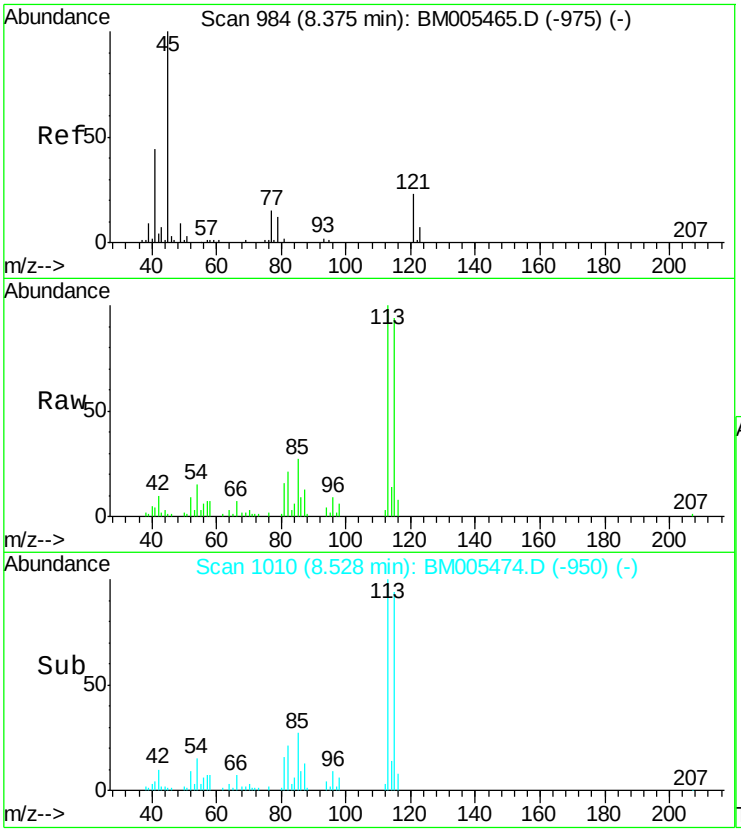


#8
Bis(2-Chloroethyl)ether
Concen: 0.08 ng/ul
RT: 7.27 min Scan# 796
Delta R.T. 0.01 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion: 93 Resp: 234

Ion	Ratio	Lower	Upper
93	100		
63	0.0	60.6	90.8#
95	0.0	24.2	36.4#



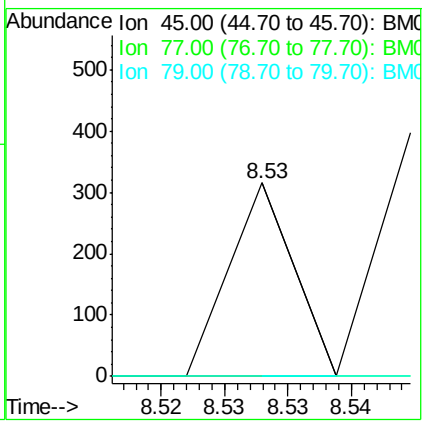


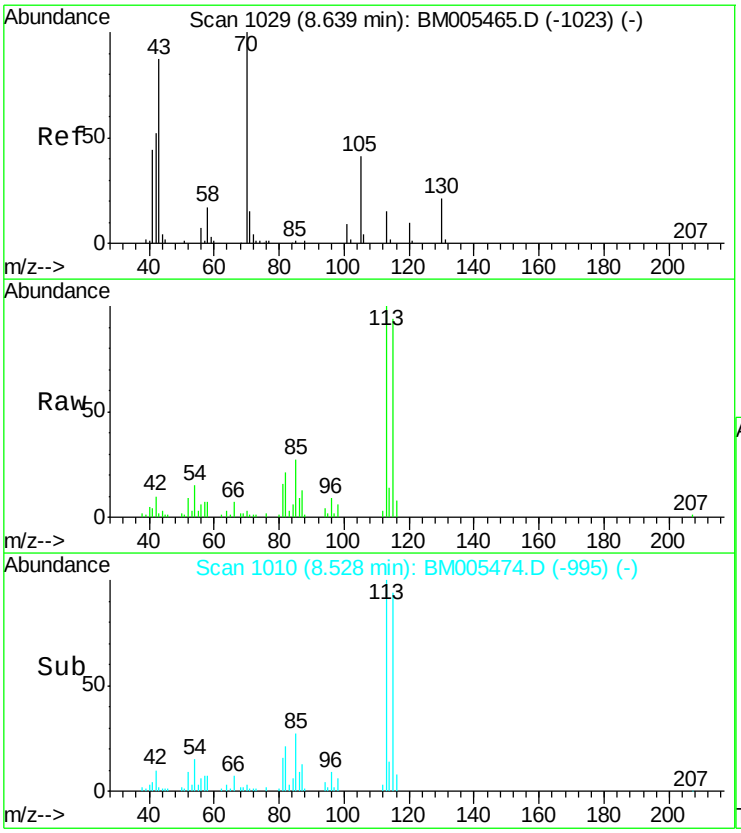
#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.03 ng/ul
RT: 8.53 min Scan# 1010
Delta R.T. 0.15 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion: 45 Resp: 111

Ion	Ratio	Lower	Upper
45	100		
77	0.0	12.1	18.1#
79	0.0	9.0	13.4#

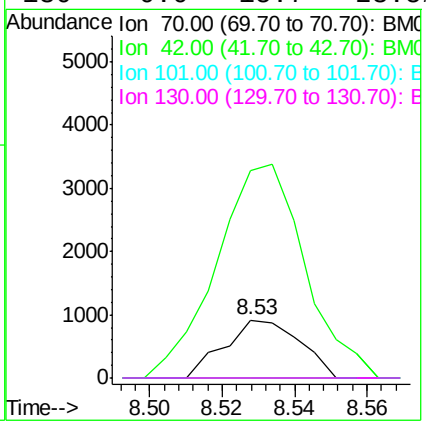


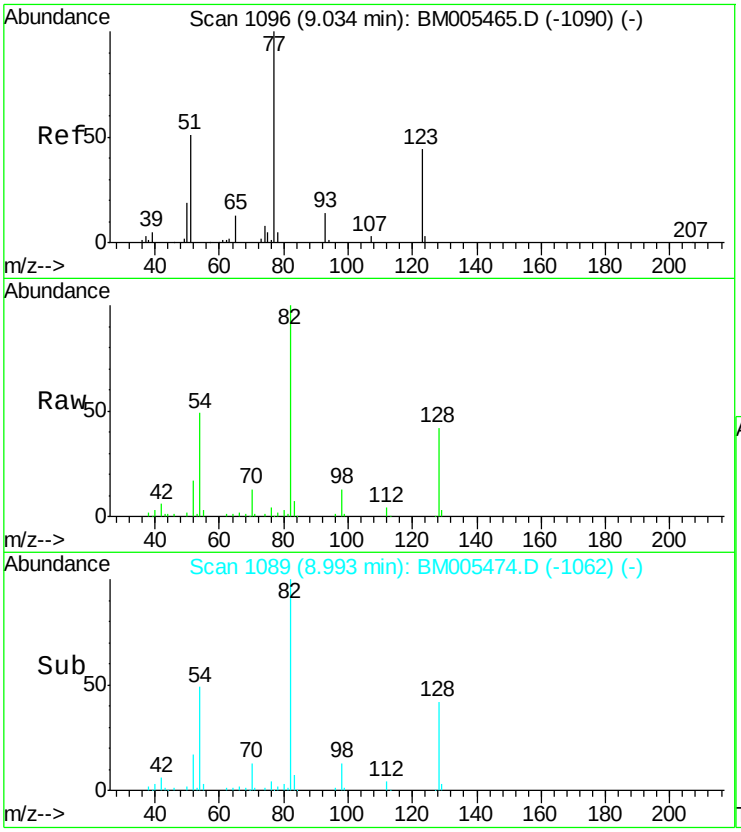


#15
N-Nitroso-di-n-propylamine
Concen: 0.45 ng/ul
RT: 8.53 min Scan# 1010
Delta R.T. -0.11 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion: 70 Resp: 1324

Ion	Ratio	Lower	Upper
70	100		
42	359.8	42.8	64.2#
101	0.0	7.8	11.6#
130	0.0	15.7	23.5#



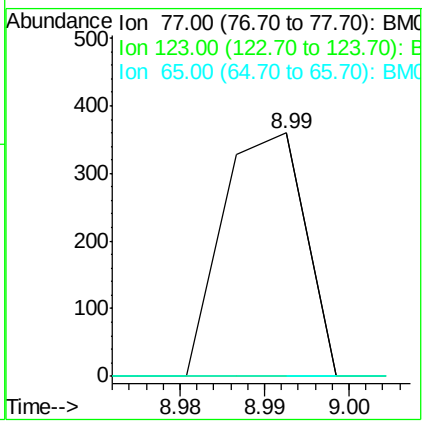


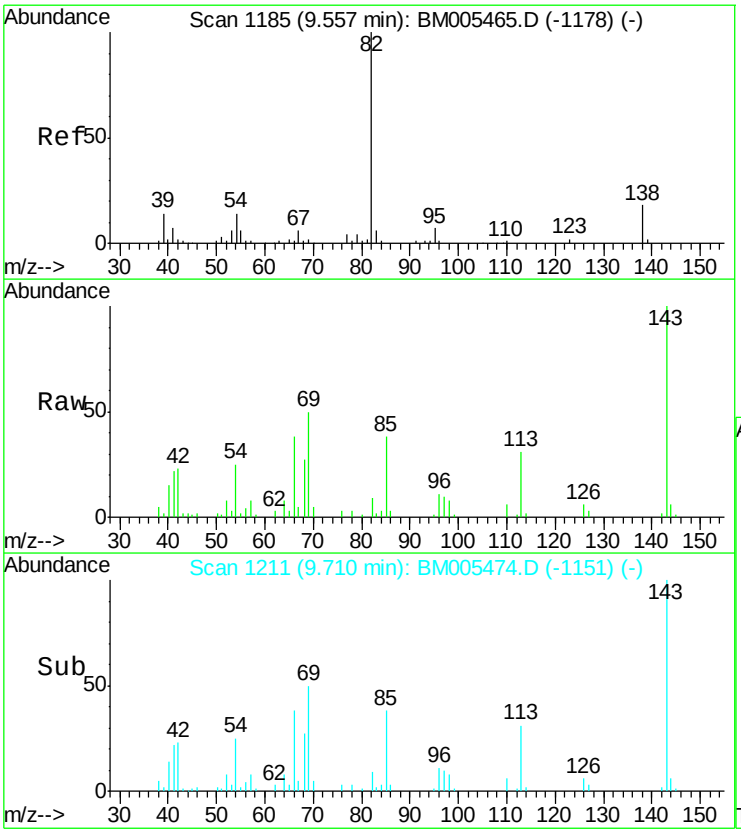
#20
Nitrobenzene
Concen: 0.06 ng/ul
RT: 8.99 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion: 77 Resp: 243

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	0.0	11.0	16.4#

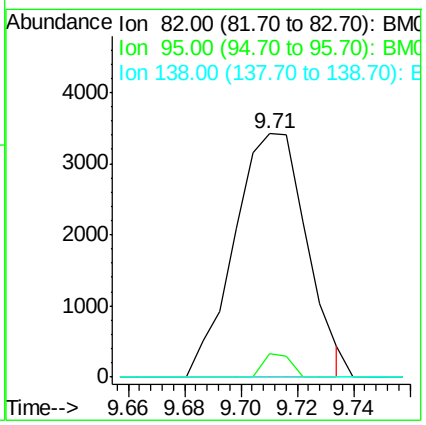


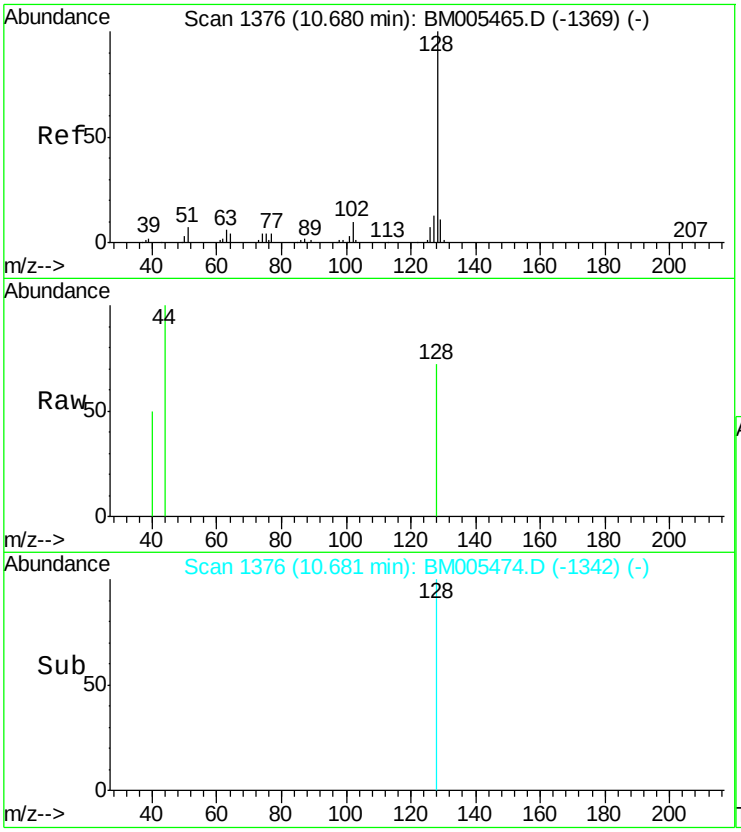


#21
Isophorone
Concen: 0.76 ng/ul
RT: 9.71 min Scan# 1211
Delta R.T. 0.15 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion: 82 Resp: 6051

Ion	Ratio	Lower	Upper
82	100		
95	9.6	5.4	8.0#
138	0.0	13.4	20.2#



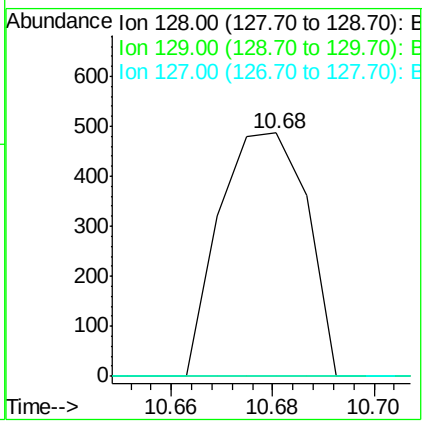


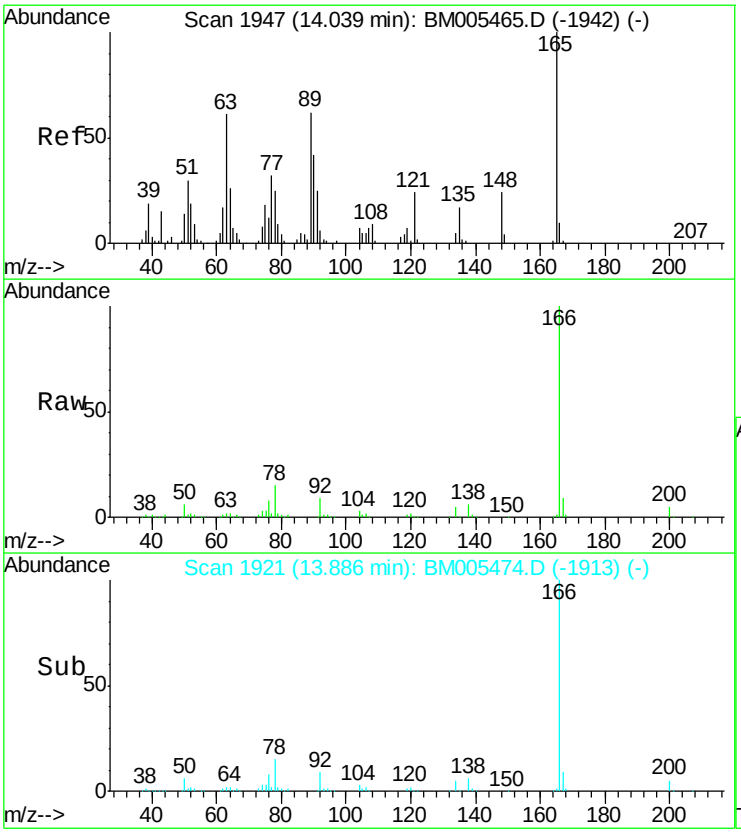
#28
Naphthalene
Concen: 0.05 ng/ul
RT: 10.68 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion:128 Resp: 583

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.4	12.6#
127	0.0	10.8	16.2#

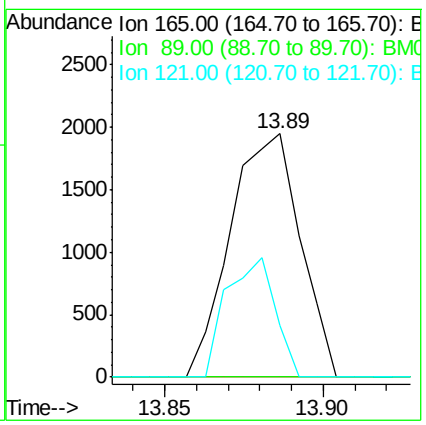


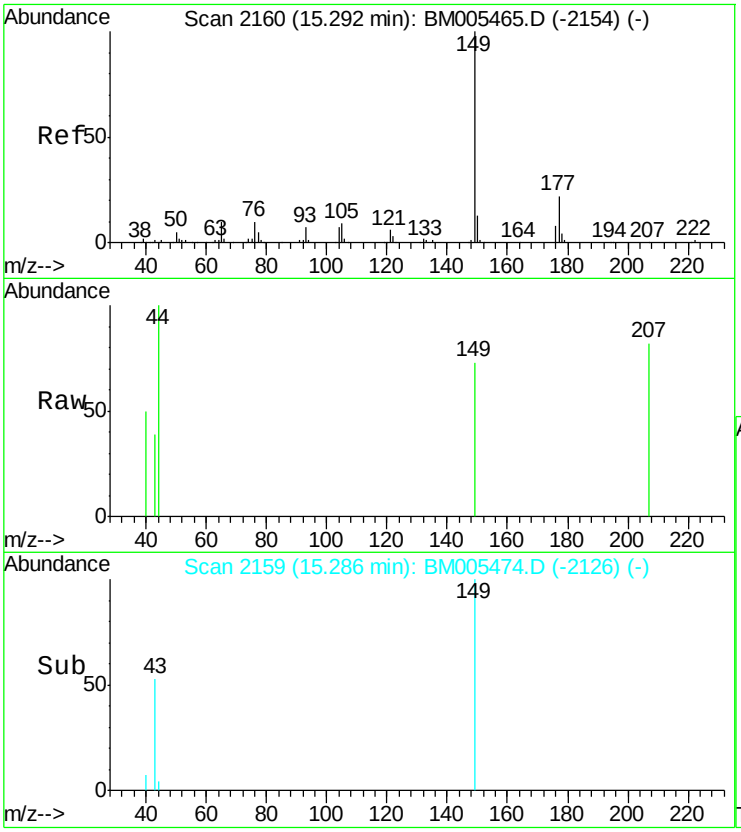


#45
2,6-Dinitrotoluene
Concen: 1.23 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.15 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion:165 Resp: 2985

Ion	Ratio	Lower	Upper
165	100		
89	0.0	52.2	78.4#
121	21.4	21.0	31.4



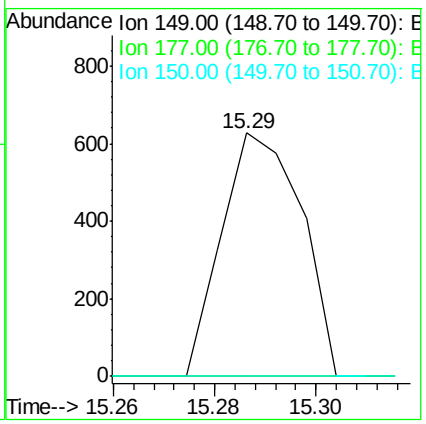


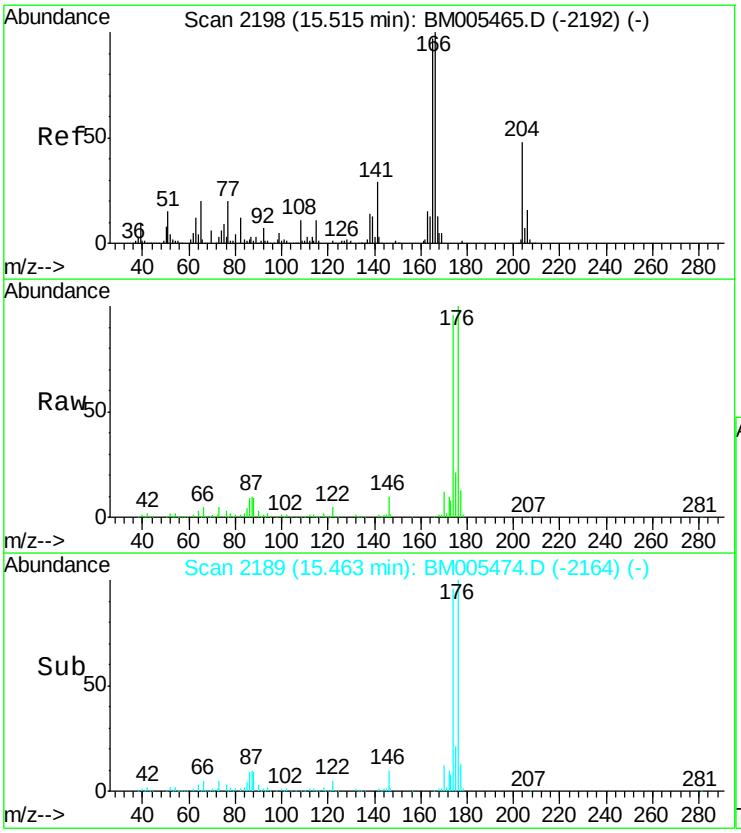
#56
Diethylphthalate
Concen: 0.05 ng/ul
RT: 15.29 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion:149 Resp: 683

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.6	26.4#
150	0.0	9.8	14.8#

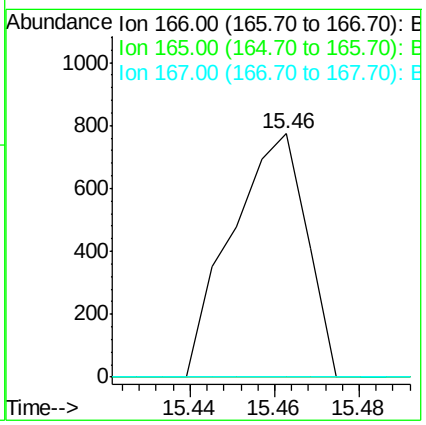


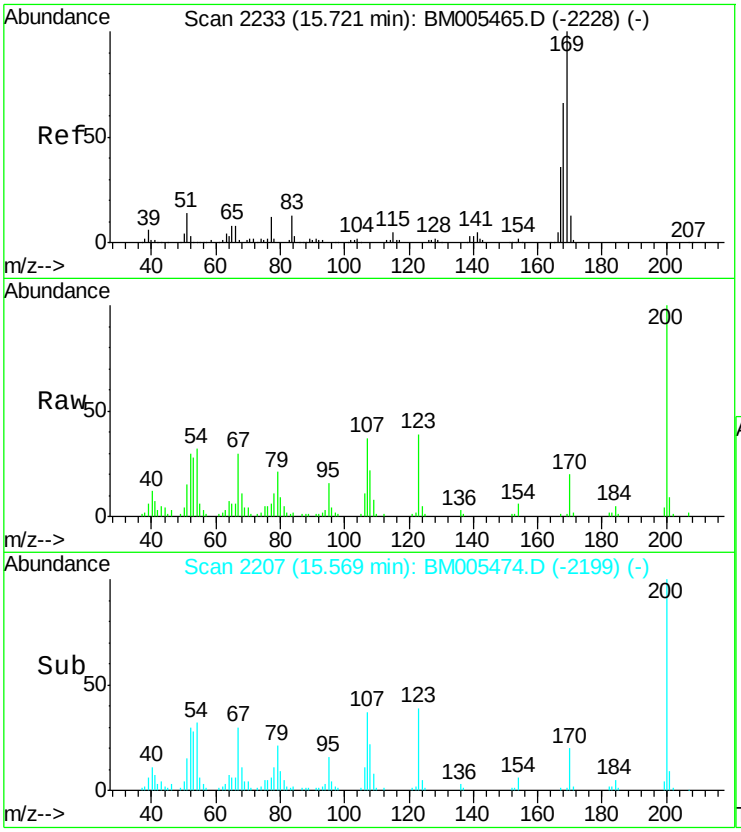


#58
Fluorene
Concen: 0.08 ng/ul
RT: 15.46 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion:166 Resp: 954

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.9	116.9#
167	0.0	10.6	16.0#



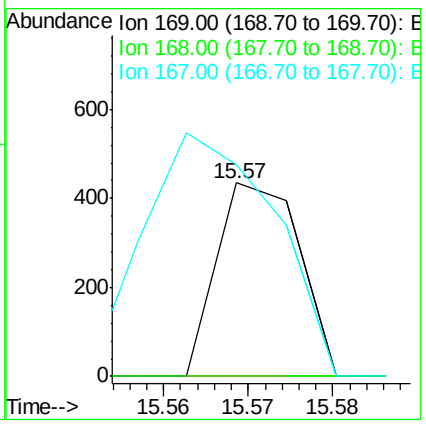


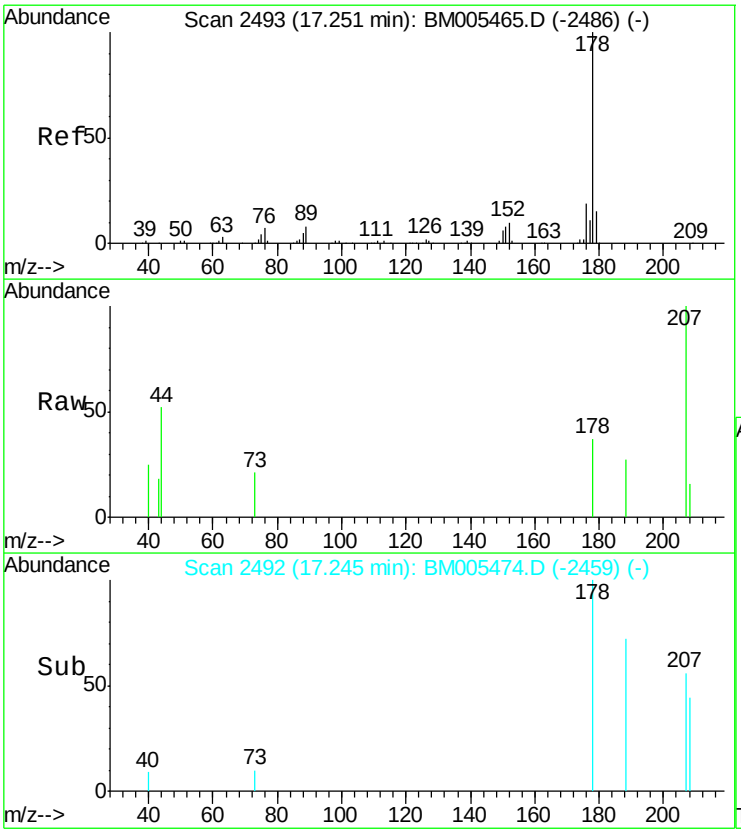
#64
N-Nitrosodiphenylamine
Concen: 0.03 ng/ul
RT: 15.57 min Scan# 2207
Delta R.T. -0.15 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion:169 Resp: 293

Ion	Ratio	Lower	Upper
169	100		
168	0.0	52.9	79.3#
167	109.7	28.2	42.4#

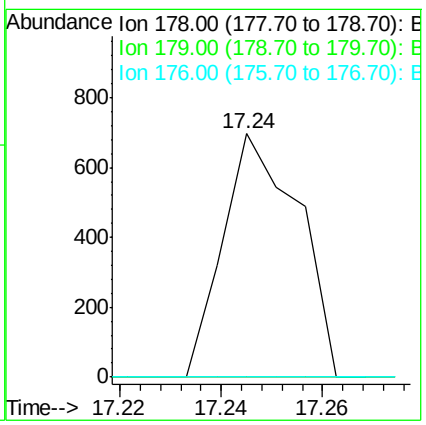


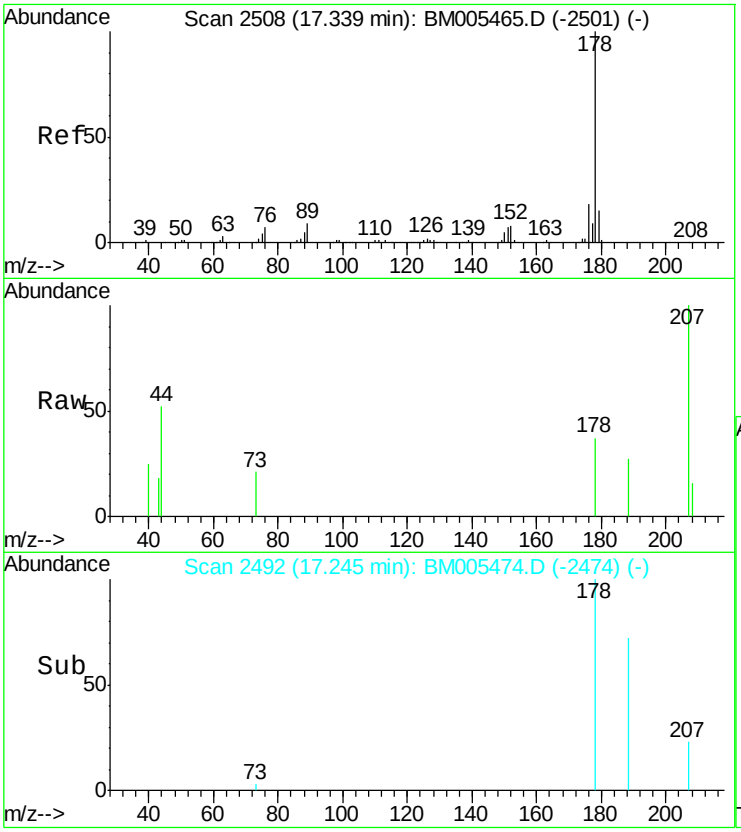


#69
Phenanthrene
Concen: 0.03 ng/ul
RT: 17.24 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion:178 Resp: 723

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.3	18.5#
176	0.0	15.2	22.8#



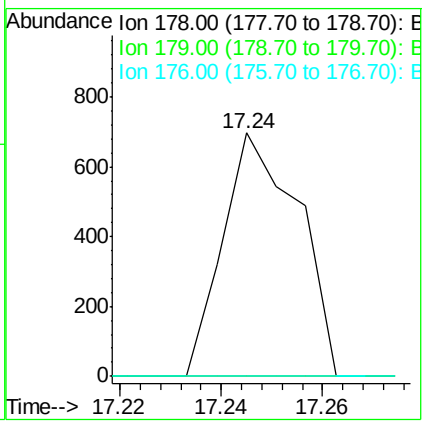


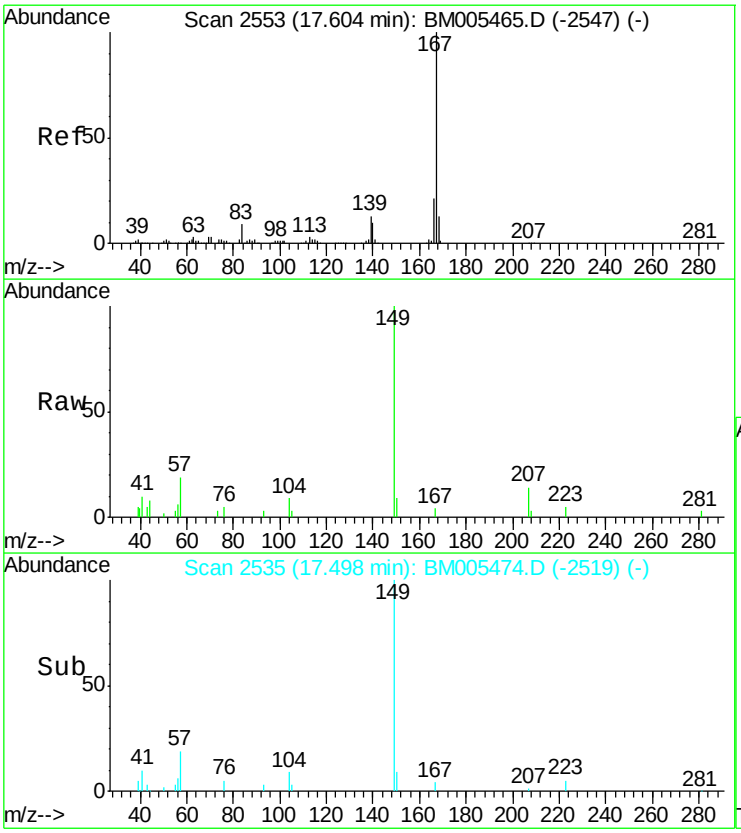
#71
Anthracene
Concen: 0.03 ng/ul
RT: 17.24 min Scan# 2492
Delta R.T. -0.09 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion:178 Resp: 723

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.4	18.6#
176	0.0	15.1	22.7#

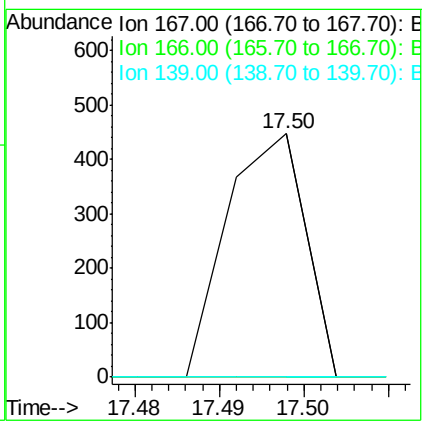


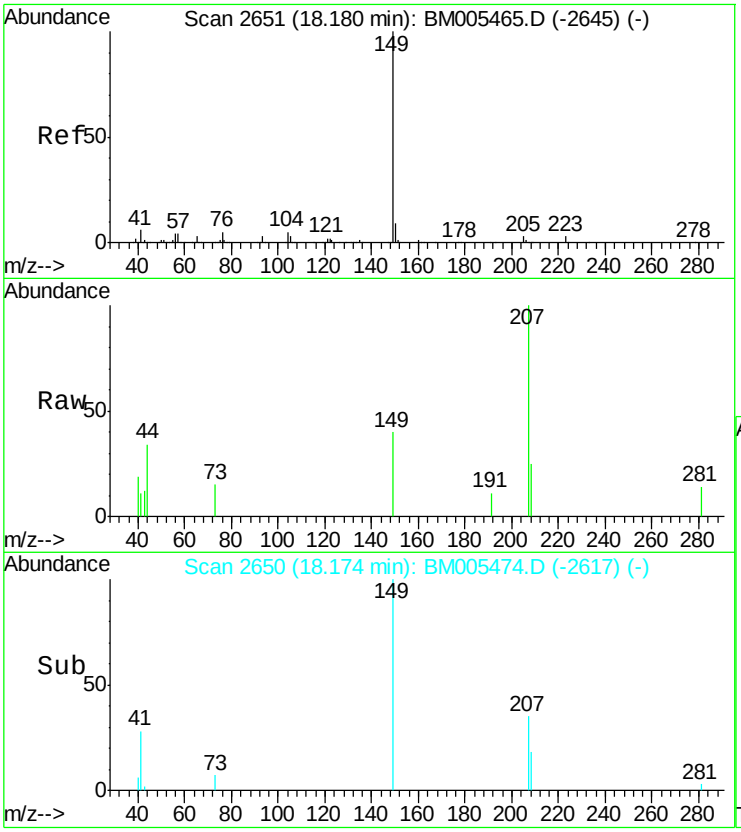


#72
Carbazole
Concen: 0.01 ng/ul
RT: 17.50 min Scan# 2535
Delta R.T. -0.11 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion:167 Resp: 288

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.1	25.7#
139	0.0	10.2	15.2#



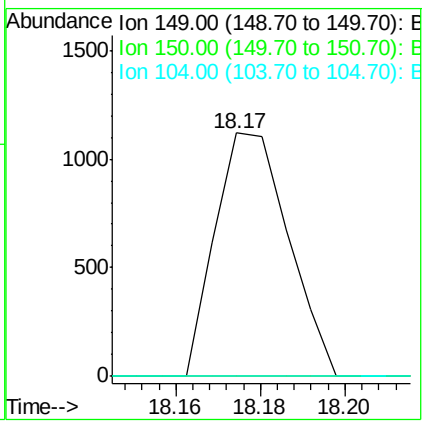


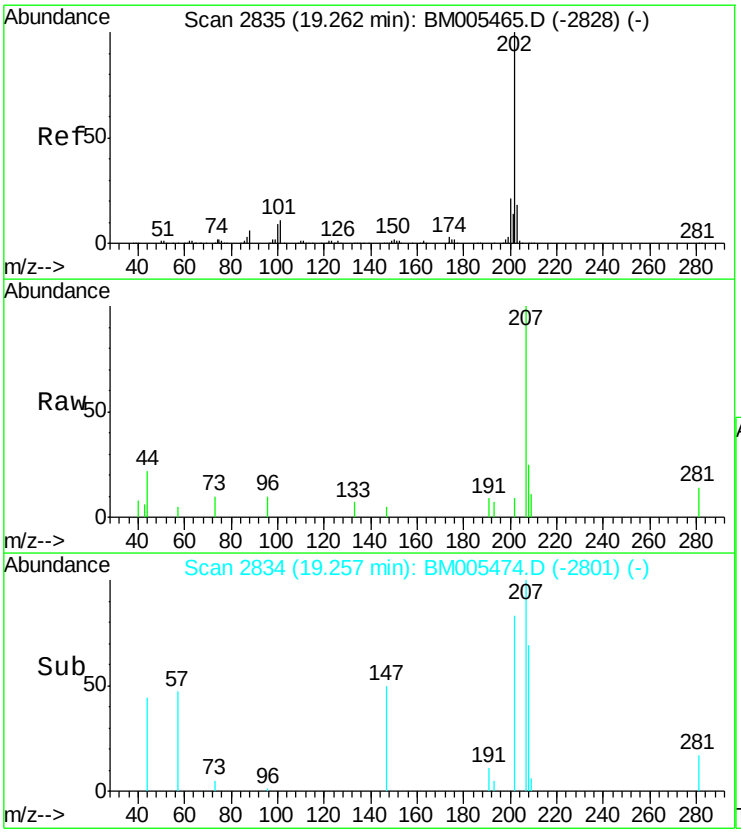
#73
Di-n-butylphthalate
Concen: 0.05 ng/ul
RT: 18.17 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion:149 Resp: 1346

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.3	10.9#
104	0.0	4.1	6.1#

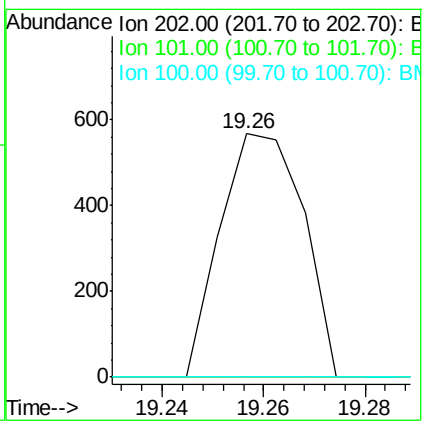


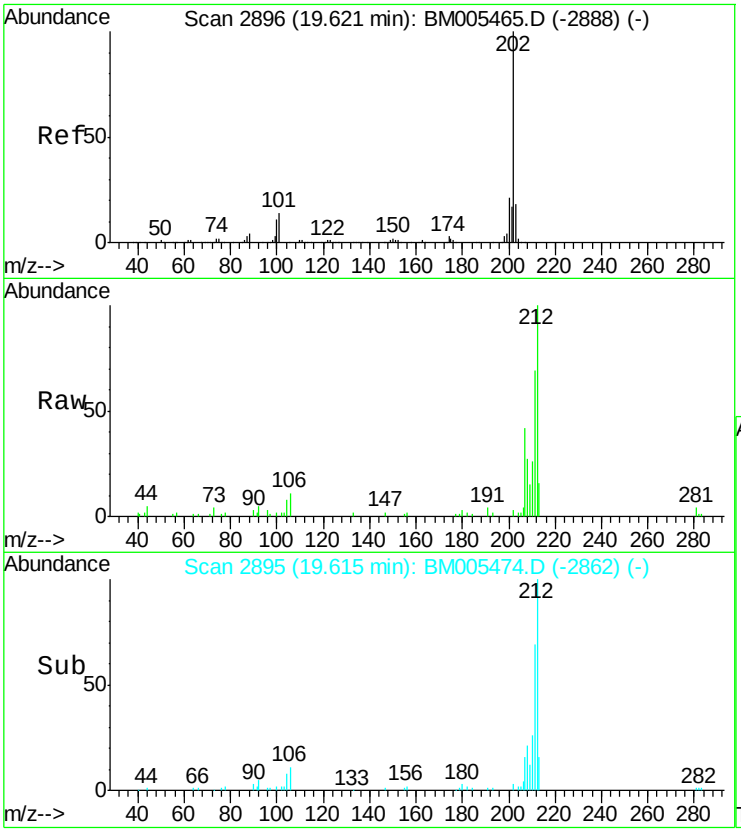


#74
Fluoranthene
Concen: 0.02 ng/ul
RT: 19.26 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion:202 Resp: 646

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.2	13.8#
100	0.0	7.1	10.7#



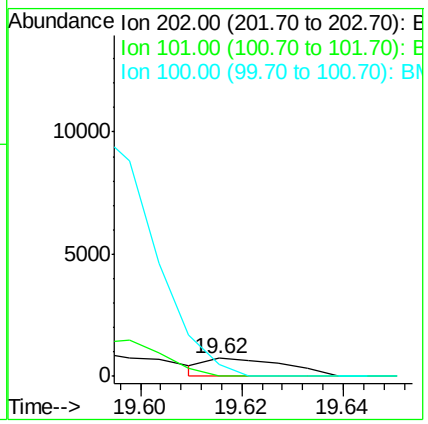


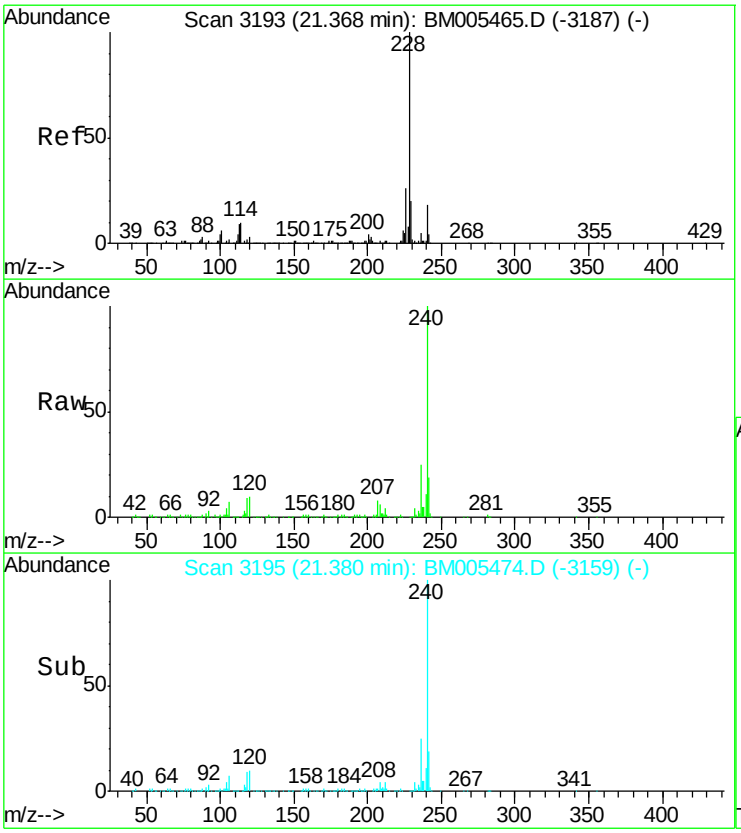
#77
Pyrene
Concen: 0.03 ng/ul
RT: 19.62 min Scan# 2895
Delta R.T. -0.01 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion:202 Resp: 793

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.8	16.2#
100	64.3	8.4	12.6#

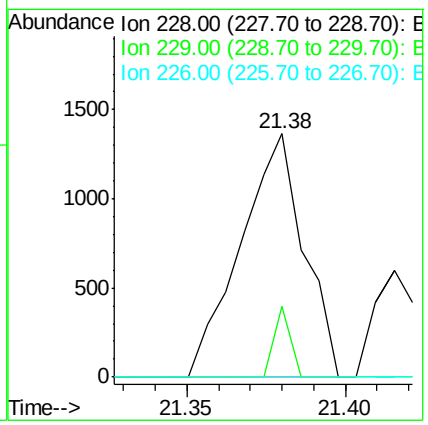


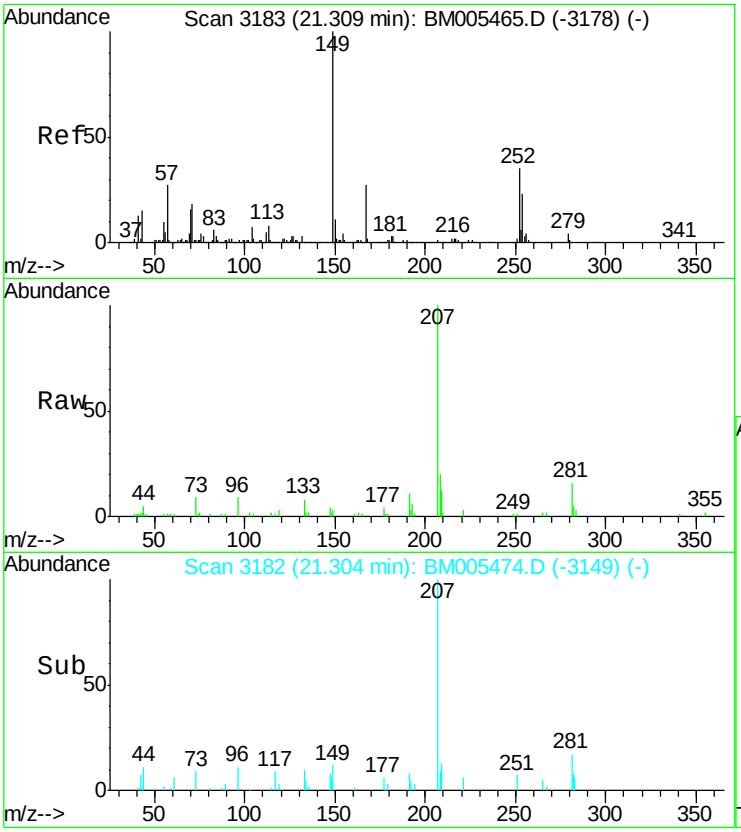


#80
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.38 min Scan# 3195
Delta R.T. 0.01 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion:228 Resp: 1889

Ion	Ratio	Lower	Upper
228	100		
229	28.9	15.5	23.3#
226	0.0	21.8	32.8#



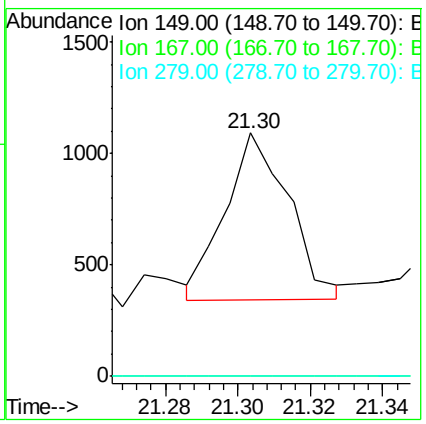


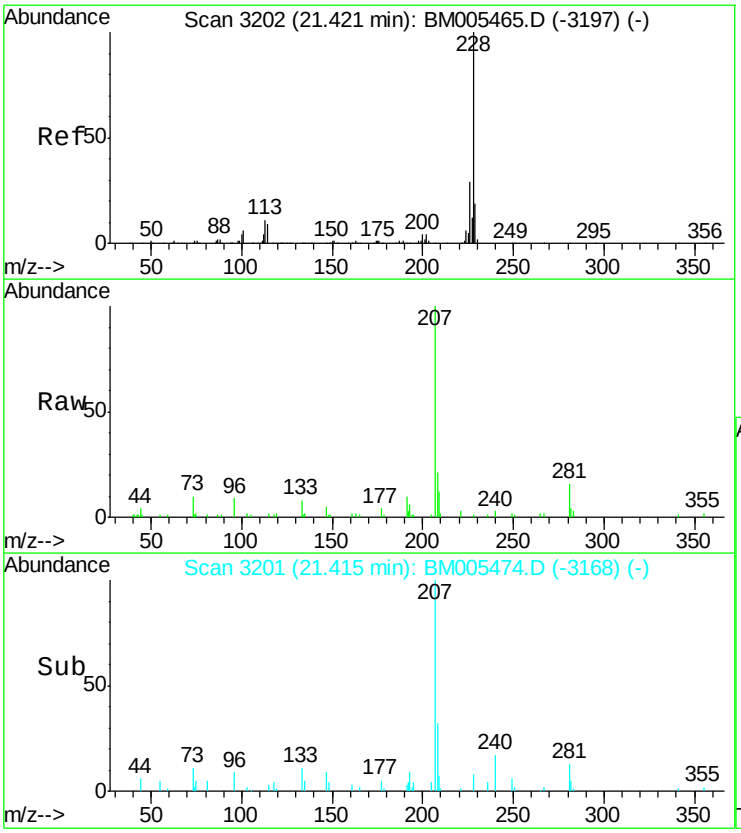
#81
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion:149 Resp: 914

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.9	32.9#
279	0.0	3.0	4.4#

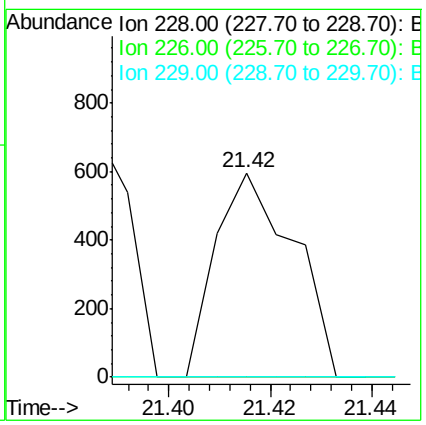


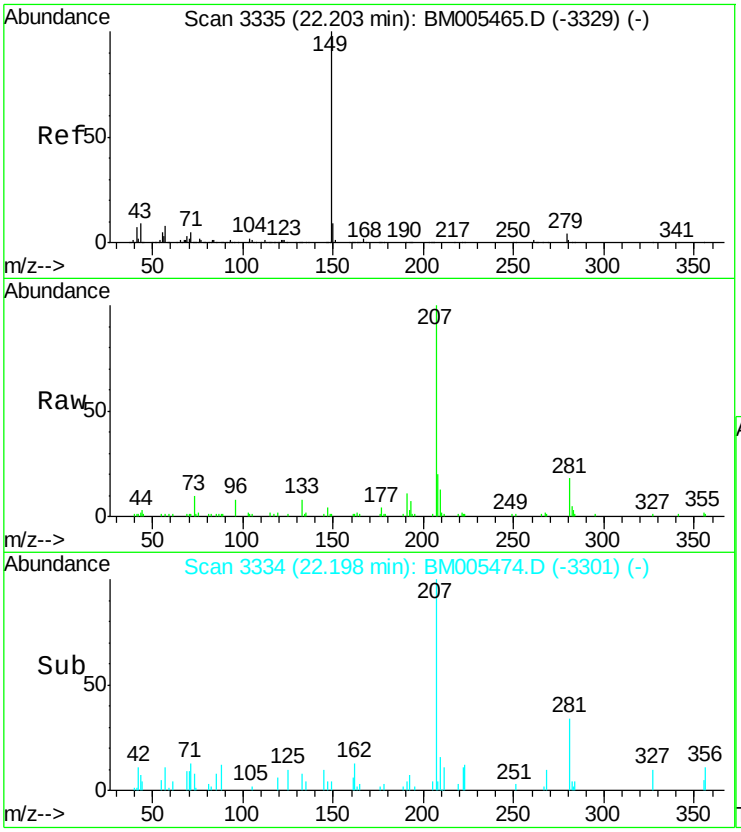


#82
Chrysene
Concen: 0.02 ng/ul
RT: 21.42 min Scan# 3201
Delta R.T. -0.01 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion:228 Resp: 642

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.6	35.4#
229	0.0	15.4	23.0#



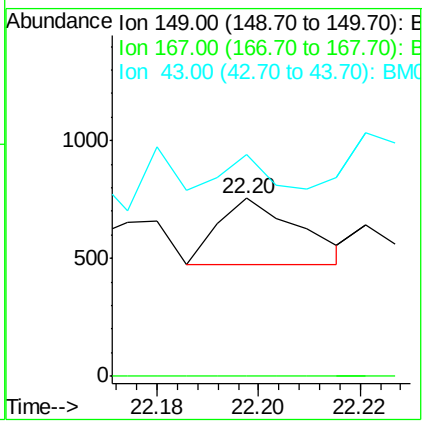


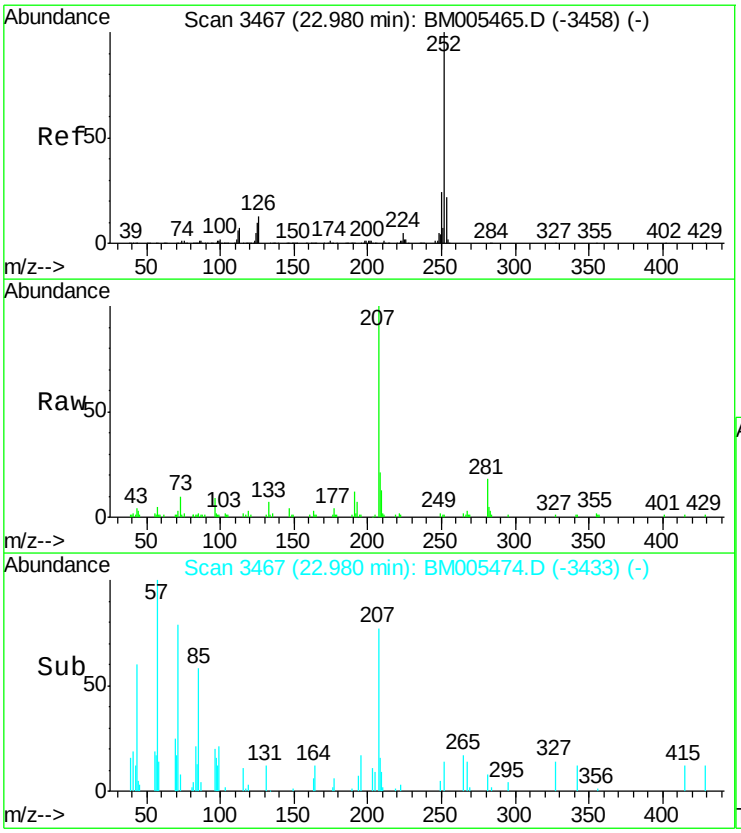
#84
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.20 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion:149 Resp: 314

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	124.2	7.4	11.0#

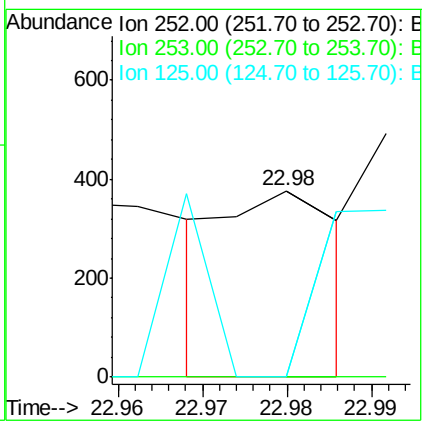


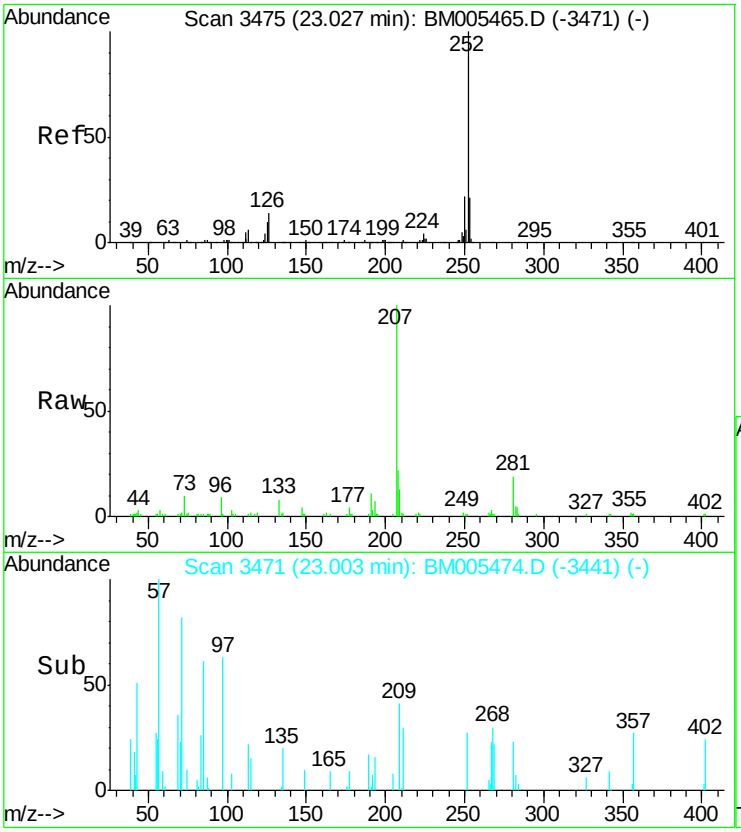


#85
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 22.98 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion:252 Resp: 359

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	8.4	12.6#



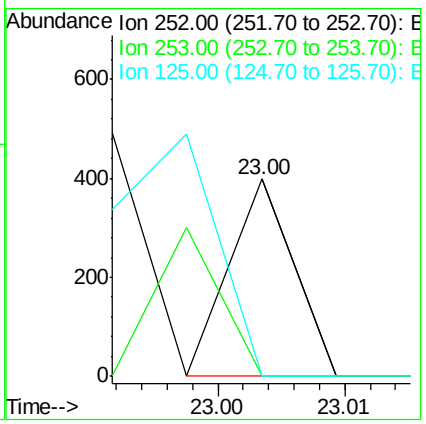


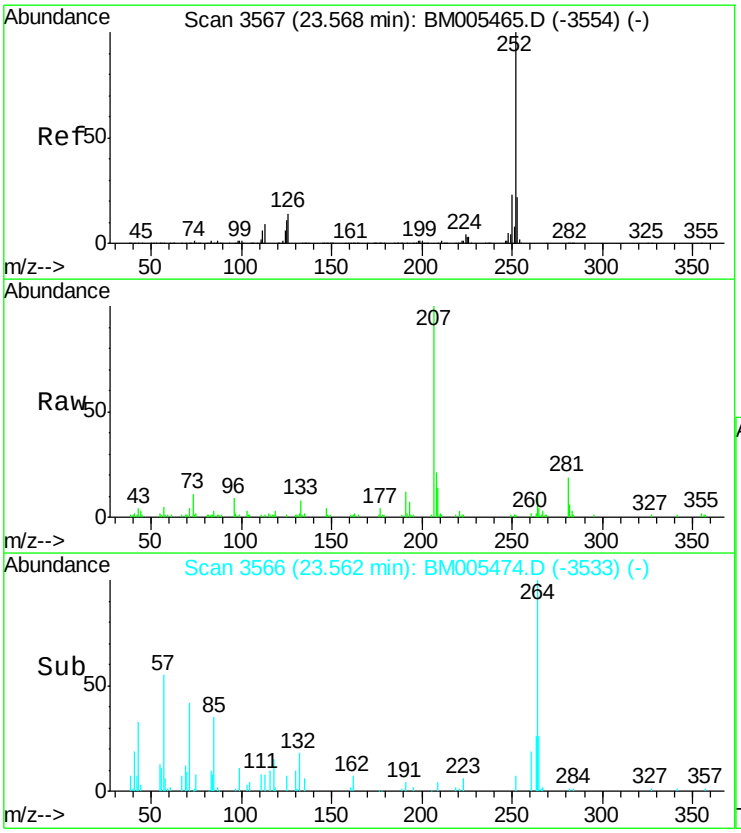
#86
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 23.00 min Scan# 3471
Delta R.T. -0.02 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Instrument :
BNA_M
ClientSampleId :
C0AB8

Tgt Ion:252 Resp: 140

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	0.0	8.0	12.0#





#88
Benzo(a)pyrene
Concen: 0.01 ng/ul
RT: 23.56 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BM005474.D
Acq: 18 May 2016 17:54

Tgt Ion:252 Resp: 244

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	105.8	8.7	13.1#