Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005480.D
Acq On : 18 May 2016 21:32
Operator : UM/SJ
Sample : H2841-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WS8

Quant Time: May 19 01:45:45 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	31900	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	156957	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	109267	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	298810	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	494934	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	594584	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	2887	3.48	ng/uL	0.00
5) Phenol-d5	6.99	99	75881	24.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	46589	27.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	59224	25.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	66093	25.32	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	30039	26.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	31786	25.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	64805	26.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	81426	28.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	271915	30.27	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	310442	29.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	47531	25.79	ng/ul	0.00
57) Fluorene-d10	15.46	176	245282	30.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	31488	19.99	ng/ul	0.00
70) Anthracene-d10	17.30	188	429541	31.25	ng/ul	0.00
76) Pyrene-d10	19.59	212	591517	29.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	868910	32.69	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.02	94	2136	0.66	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.53	45	418	0.13	ng/ul#	67
15) N-Nitroso-di-n-propylamine	8.53	70	1608	0.72	ng/ul#	1
21) Isophorone	9.71	82	2832	0.49	ng/ul#	67
44) Dimethylphthalate	13.92	163	74877	8.18	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	649	0.37	ng/ul#	26
58) Fluorene	15.46	166	268	0.03	ng/ul#	9
69) Phenanthrene	17.24	178	369	0.02	ng/ul#	60
71) Anthracene	17.24	178	369	0.02	ng/ul#	60
73) Di-n-butylphthalate	18.17	149	1047	0.06	ng/ul#	78
74) Fluoranthene	19.26	202	1104	0.06	ng/ul#	72
77) Pyrene	19.62	202	977	0.04	ng/ul#	69
80) Benzo(a)anthracene	21.38	228	1769	0.06	ng/ul#	52
81) Bis(2-ethylhexyl)phthalate	21.30	149	5808	0.34	ng/ul#	96
82) Chrysene	21.42	228	749	0.03	ng/ul#	50
84) Di-n-octyl phthalate	22.19	149	50	0.00	ng/ul#	1
85) Benzo(b)fluoranthene	22.97	252	715	0.02	ng/ul#	22
86) Benzo(k)fluoranthene	22.99	252	110	0.00	ng/ul#	1
88) Benzo(a)pyrene	23.56	252	272	0.01	ng/ul#	3

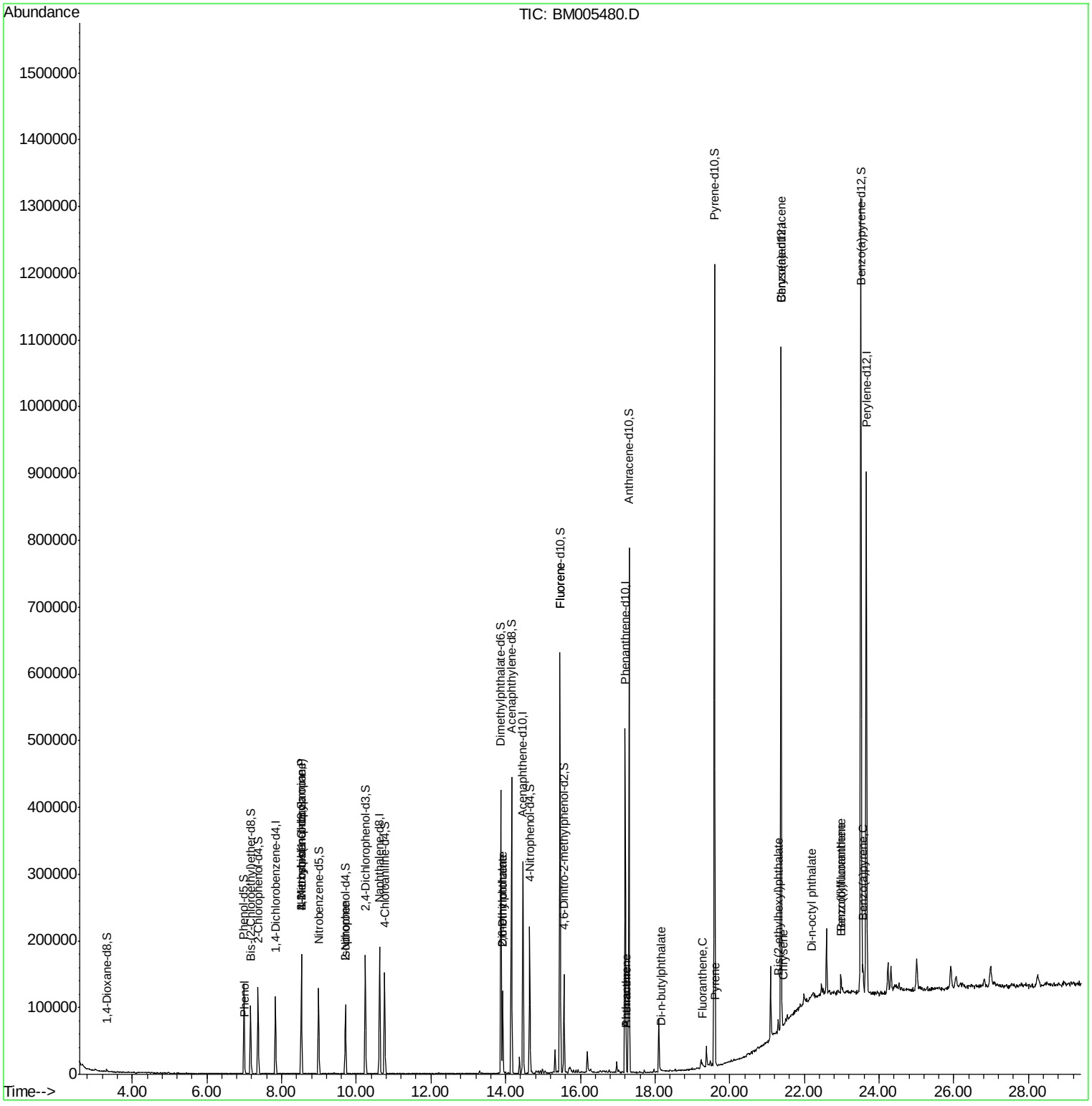
(#) = qualifier out of range (m) = manual integration (+) = signals summed

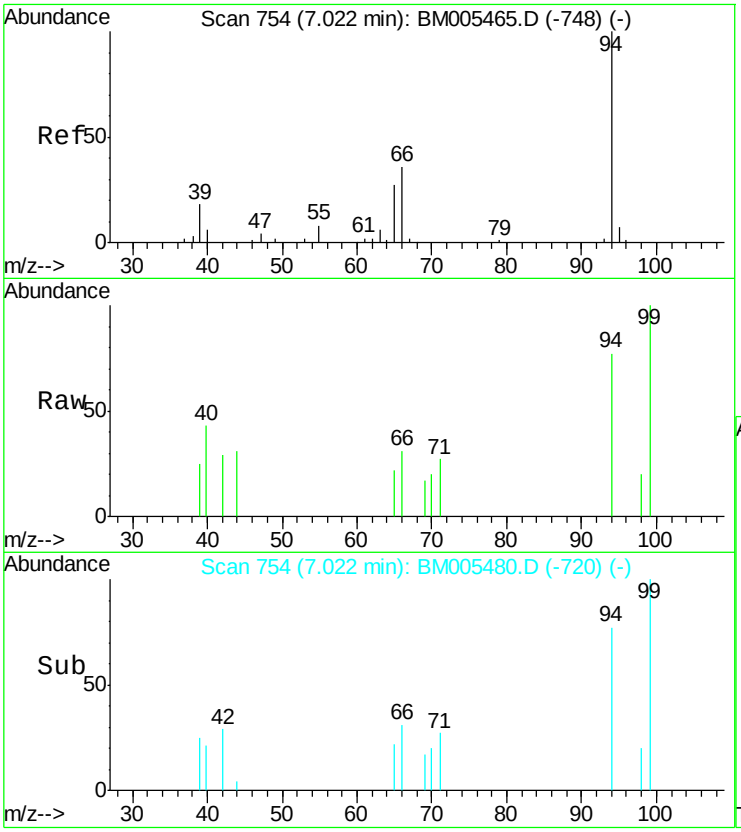
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005480.D
Acq On : 18 May 2016 21:32
Operator : UM/SJ
Sample : H2841-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WS8

Quant Time: May 19 01:45:45 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



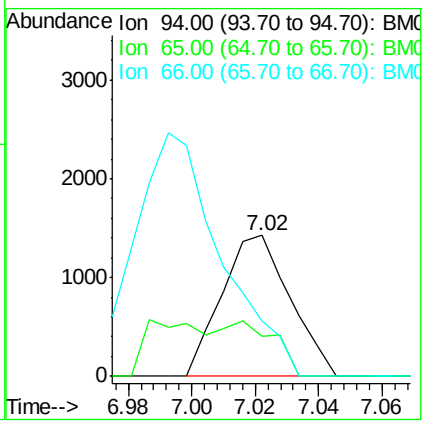


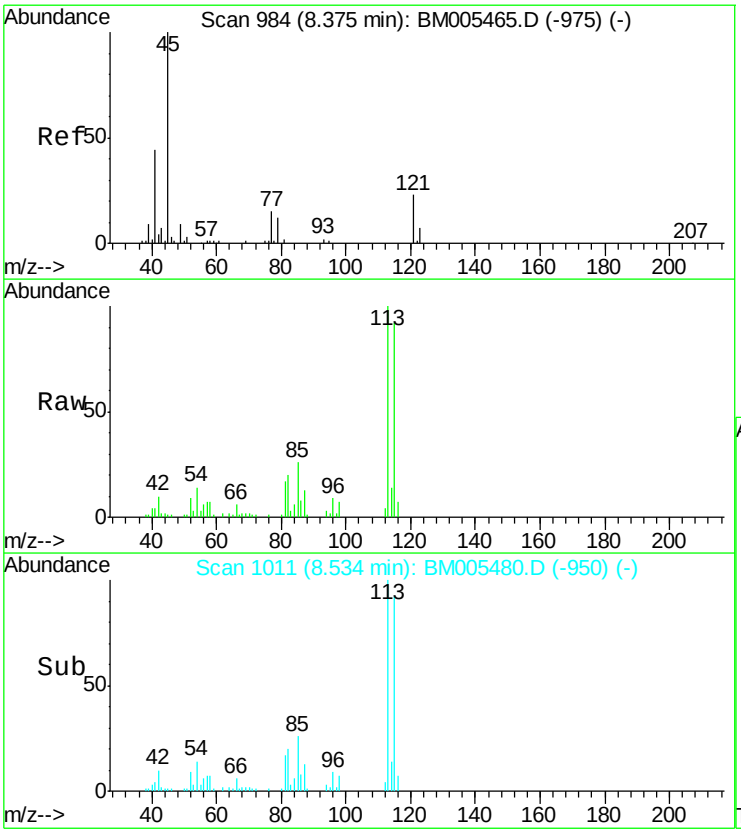
#6
Phenol
Concen: 0.66 ng/ul
RT: 7.02 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Instrument :
BNA_M
ClientSampleId :
D9WS8

Tgt Ion: 94 Resp: 2136

Ion	Ratio	Lower	Upper
94	100		
65	28.4	22.7	34.1
66	39.5	31.7	47.5

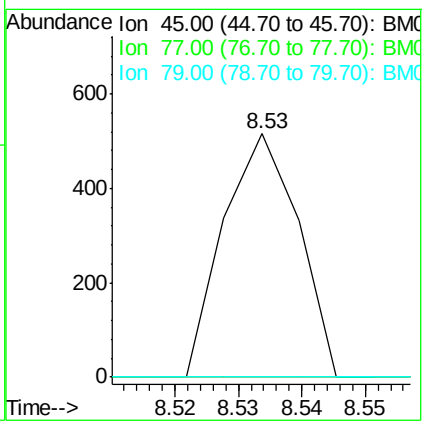


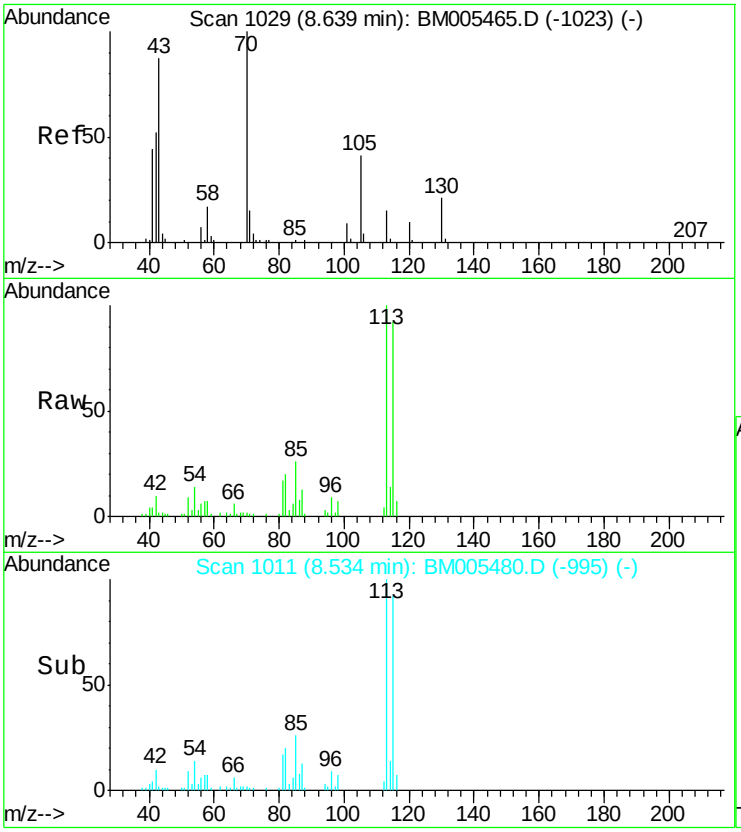


#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.13 ng/ul
RT: 8.53 min Scan# 1011
Delta R.T. 0.16 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Tgt Ion: 45 Resp: 418

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



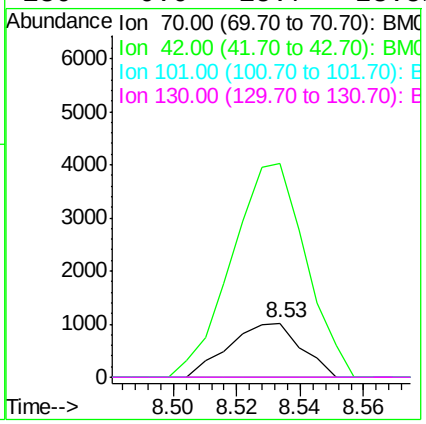


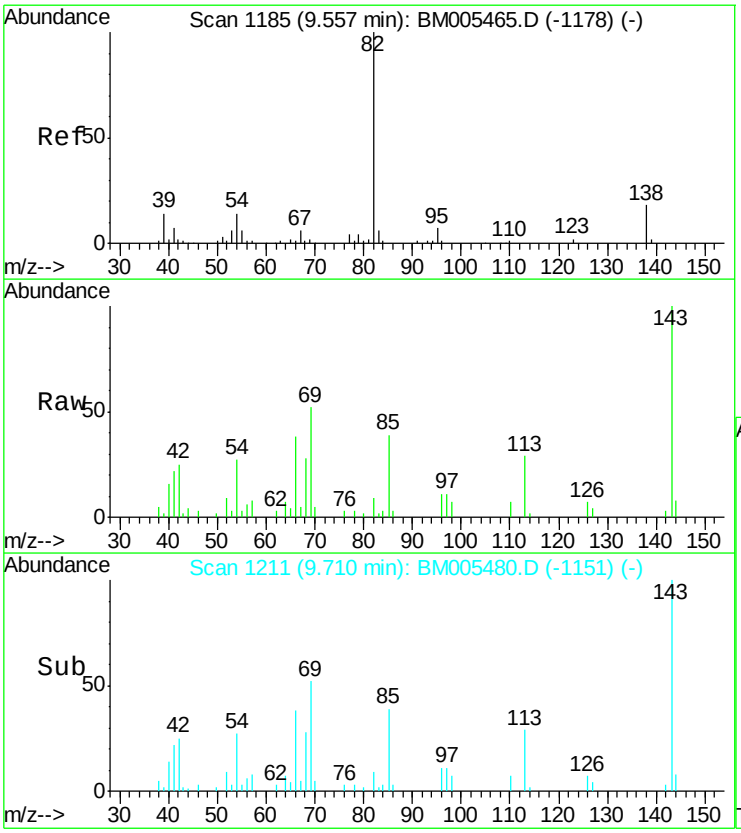
#15
N-Nitroso-di-n-propylamine
Concen: 0.72 ng/ul
RT: 8.53 min Scan# 1011
Delta R.T. -0.11 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Instrument :
BNA_M
ClientSampleId :
D9WS8

Tgt Ion: 70 Resp: 1608

Ion	Ratio	Lower	Upper
70	100		
42	394.2	42.8	64.2#
101	0.0	7.8	11.6#
130	0.0	15.7	23.5#

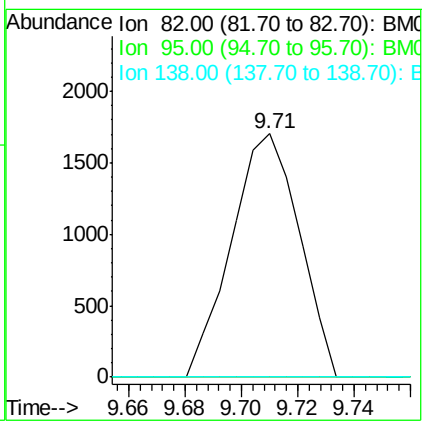


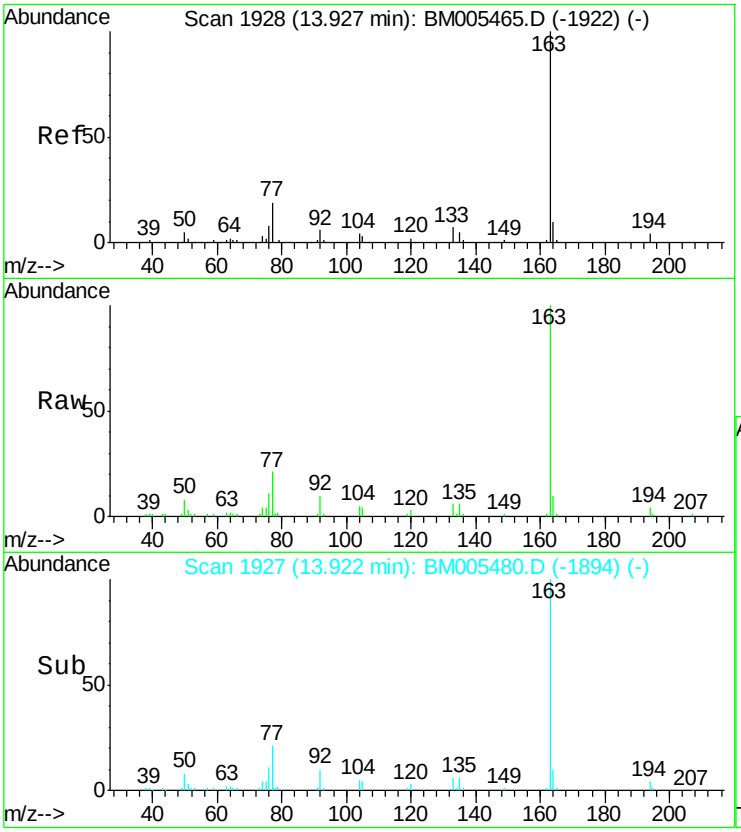


#21
Isophorone
Concen: 0.49 ng/ul
RT: 9.71 min Scan# 1211
Delta R.T. 0.15 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Tgt Ion: 82 Resp: 2832

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



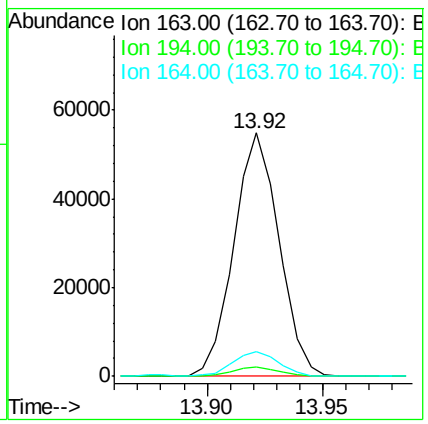


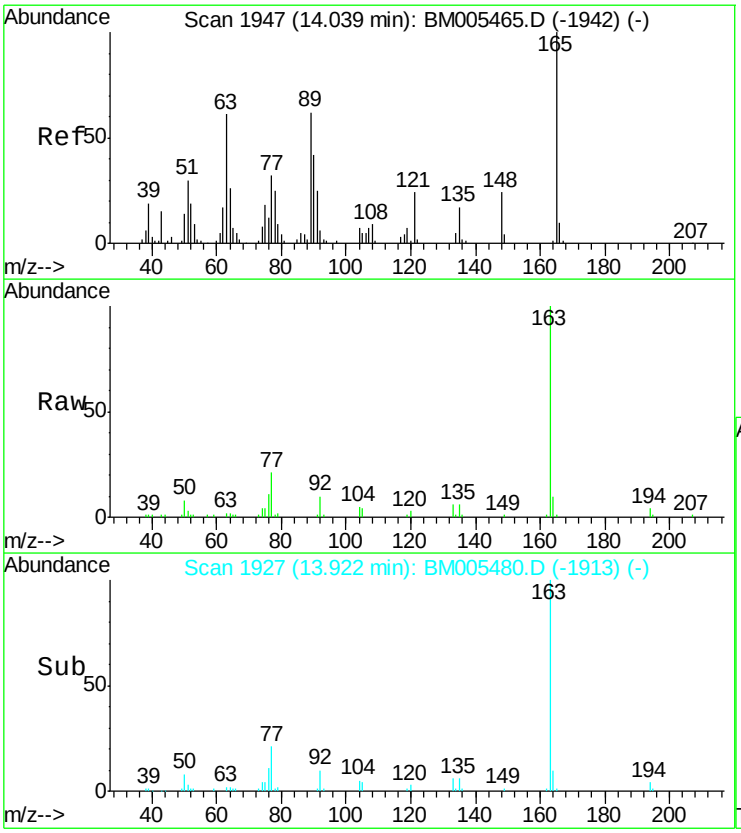
#44
Dimethylphthalate
Concen: 8.18 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Instrument :
BNA_M
ClientSampleId :
D9WS8

Tgt Ion:163 Resp: 74877

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9

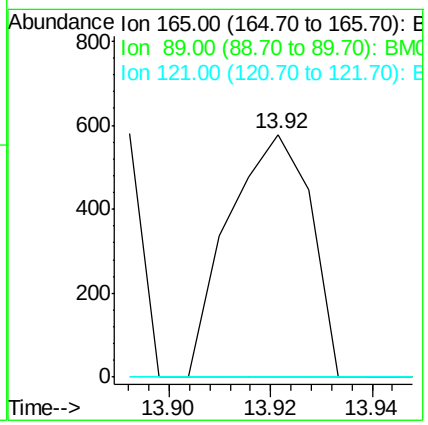


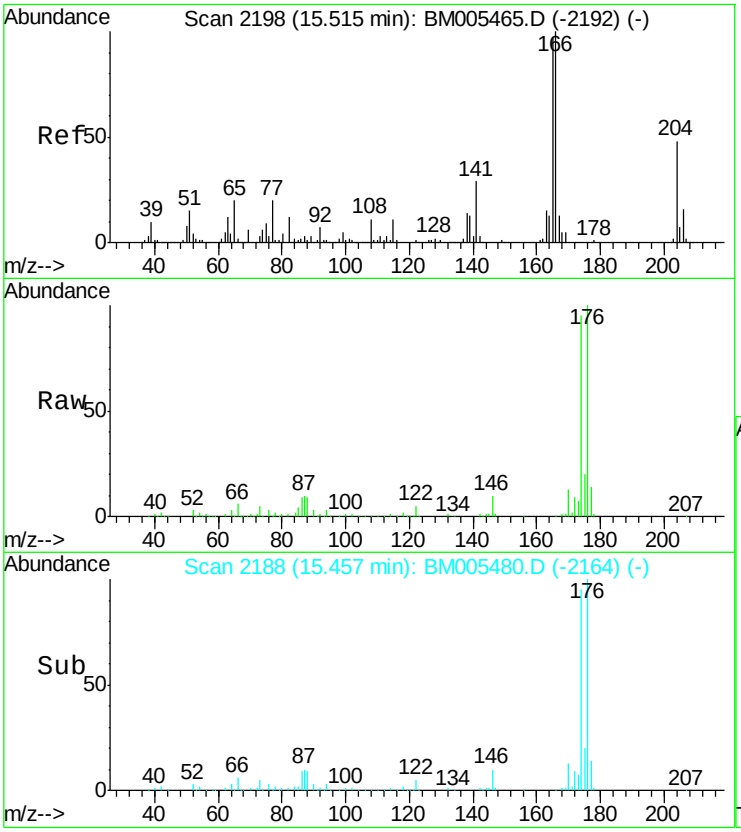


#45
2,6-Dinitrotoluene
Concen: 0.37 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. -0.12 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Tgt Ion:165 Resp: 649

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



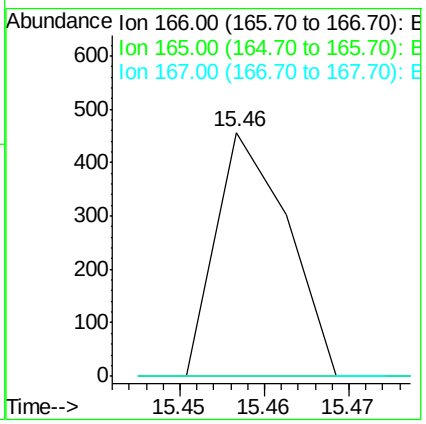


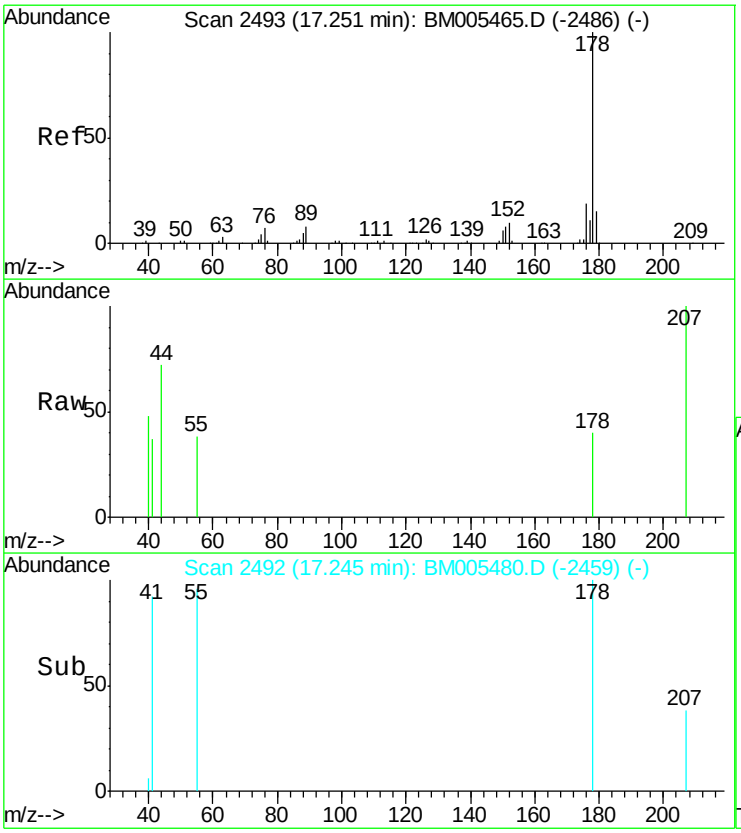
#58
Fluorene
Concen: 0.03 ng/ul
RT: 15.46 min Scan# 2188
Delta R.T. -0.06 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Instrument :
BNA_M
ClientSampleId :
D9WS8

Tgt Ion:166 Resp: 268

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

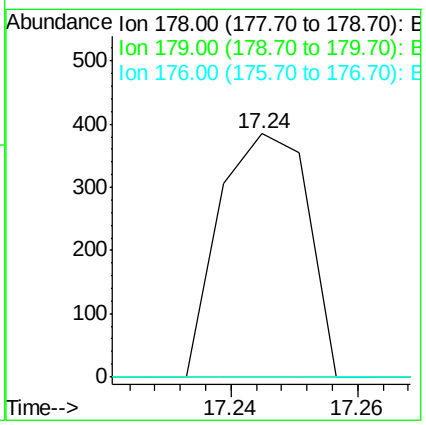


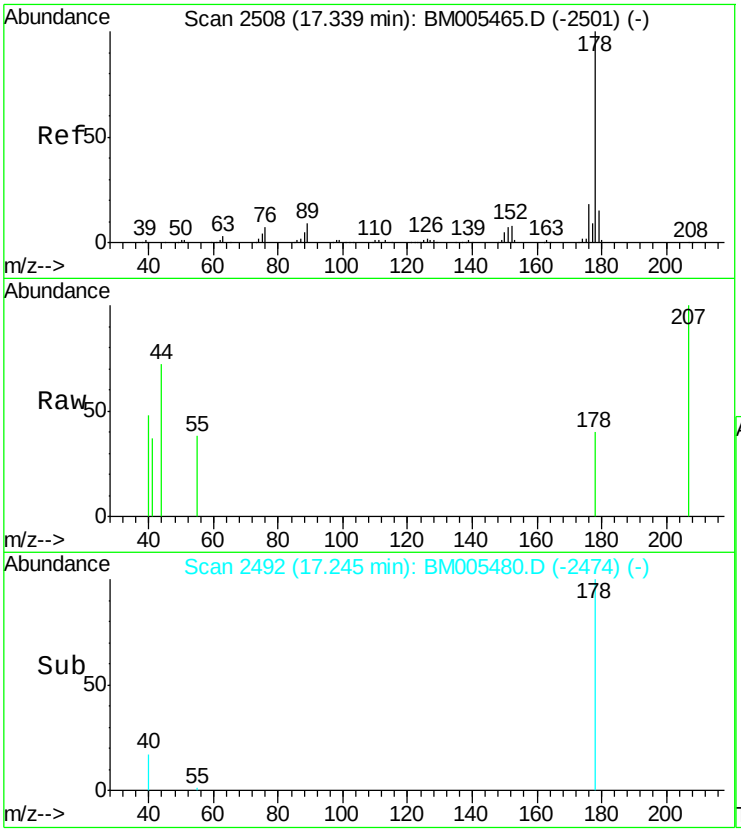


#69
Phenanthrene
Concen: 0.02 ng/ul
RT: 17.24 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Tgt Ion:178 Resp: 369

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



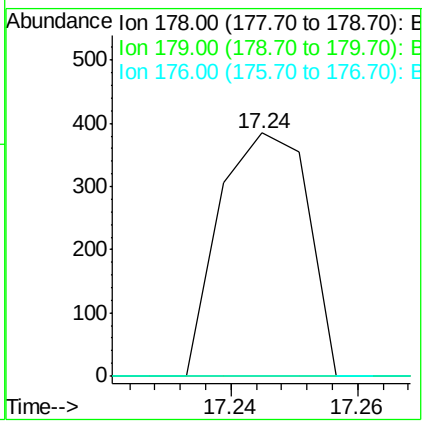


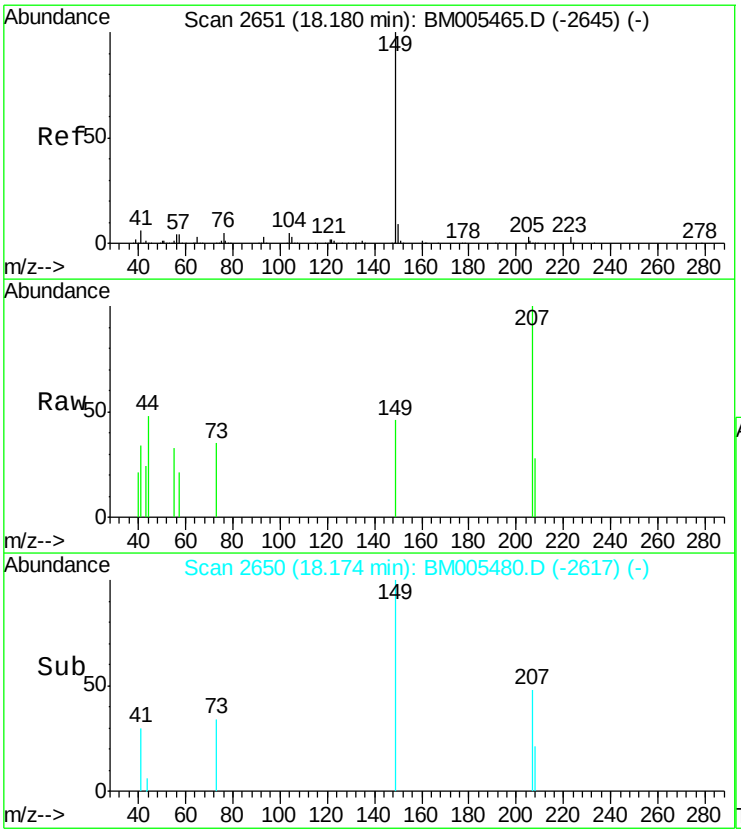
#71
Anthracene
Concen: 0.02 ng/ul
RT: 17.24 min Scan# 2492
Delta R.T. -0.09 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Instrument :
BNA_M
ClientSampleId :
D9WS8

Tgt Ion:178 Resp: 369

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

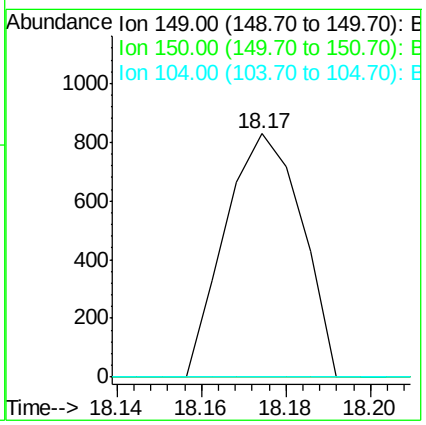


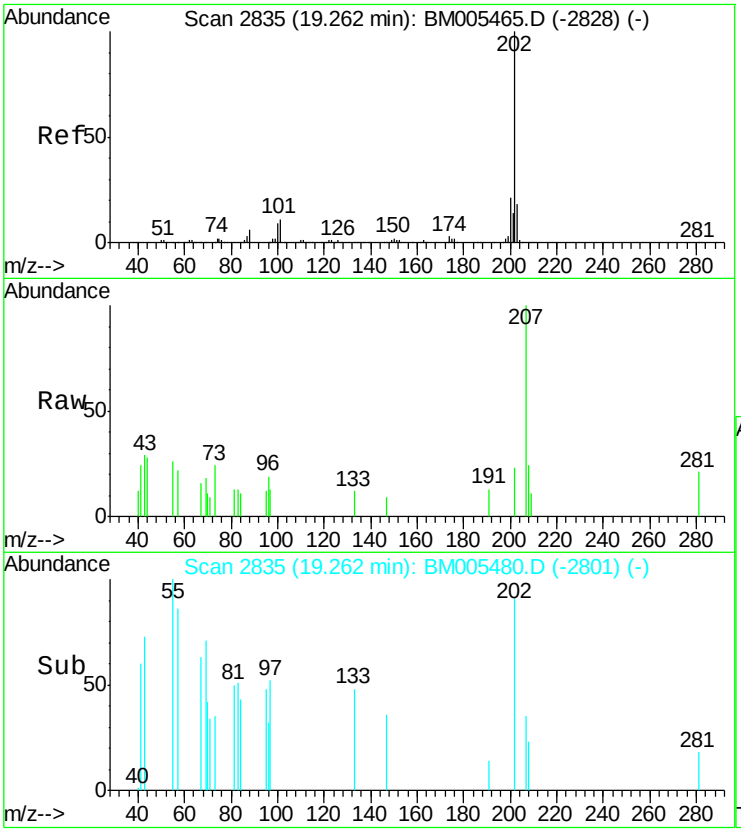


#73
Di-n-butylphthalate
Concen: 0.06 ng/ul
RT: 18.17 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Tgt Ion:149 Resp: 1047

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



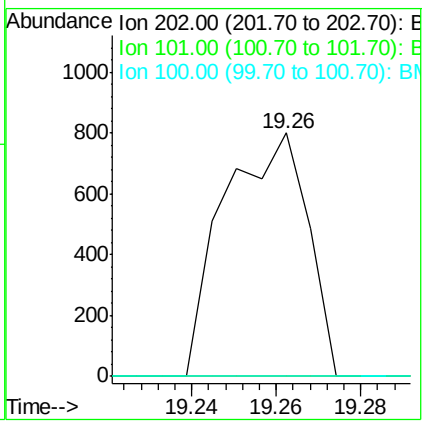


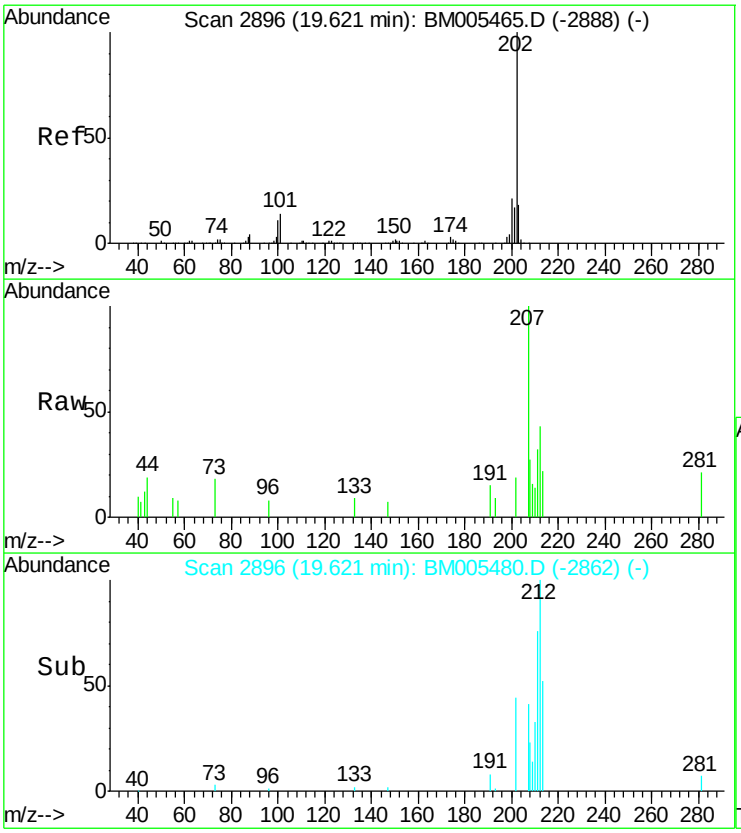
#74
Fluoranthene
Concen: 0.06 ng/ul
RT: 19.26 min Scan# 2835
Delta R.T. 0.00 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Instrument :
BNA_M
ClientSampleId :
D9WS8

Tgt Ion:202 Resp: 1104

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

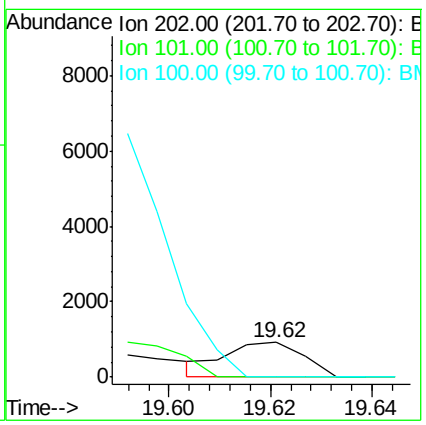


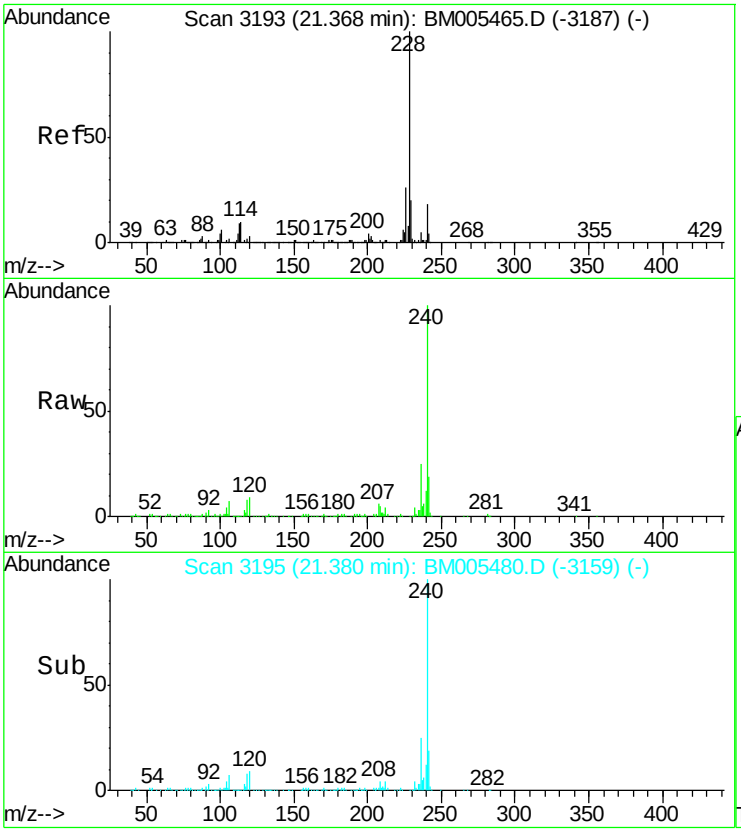


#77
Pyrene
Concen: 0.04 ng/ul
RT: 19.62 min Scan# 2896
Delta R.T. 0.00 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Tgt Ion:202 Resp: 977

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



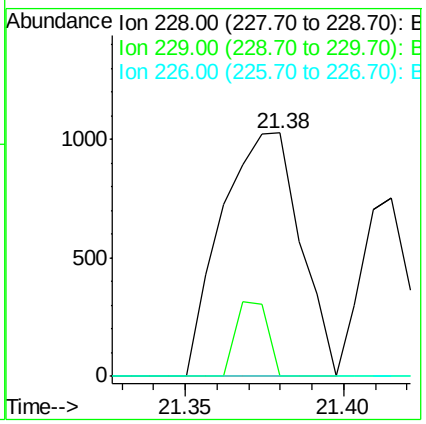


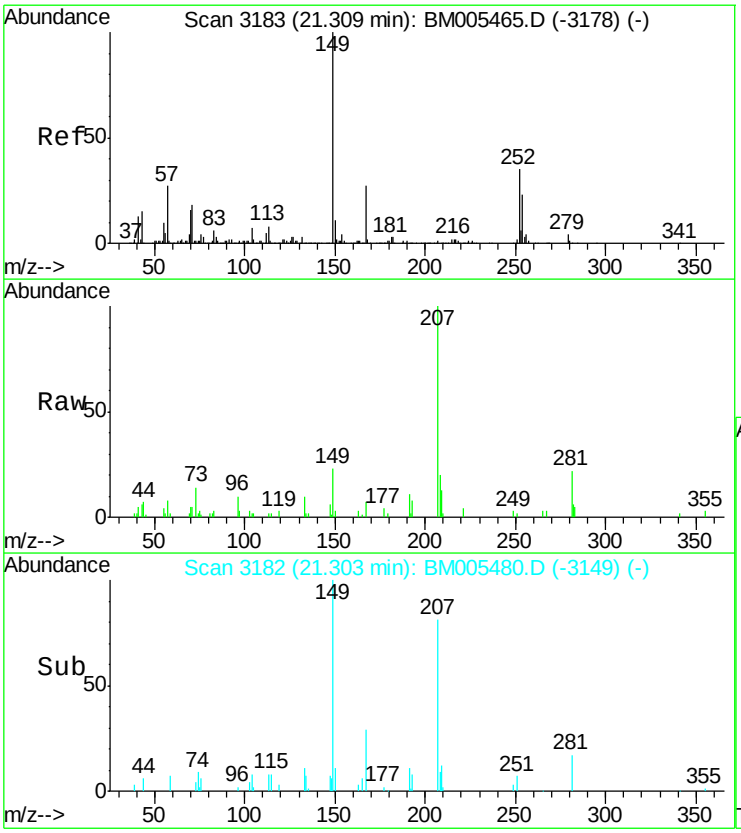
#80
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.38 min Scan# 3195
Delta R.T. 0.01 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Instrument :
BNA_M
ClientSampleId :
D9WS8

Tgt Ion:228 Resp: 1769

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

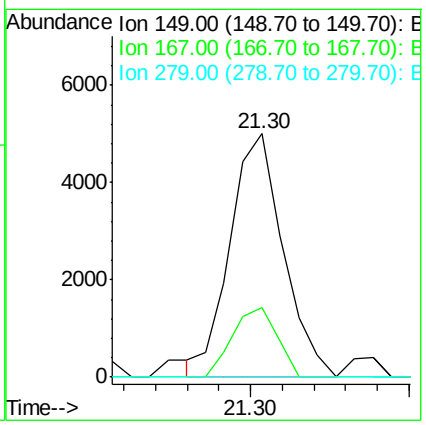


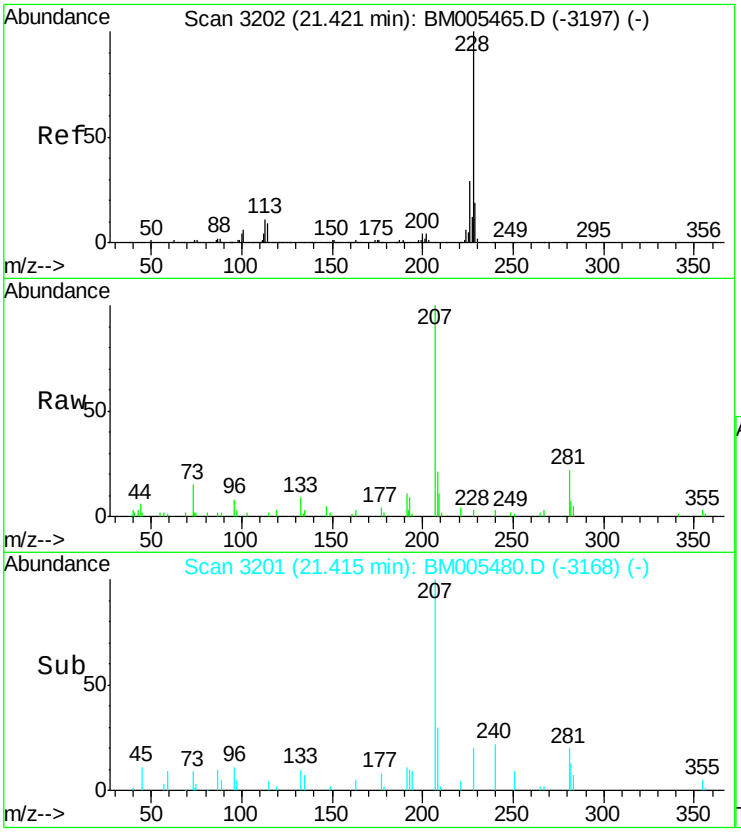


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Tgt Ion:149 Resp: 5808

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.9	32.9
279	0.0	3.0	4.4#



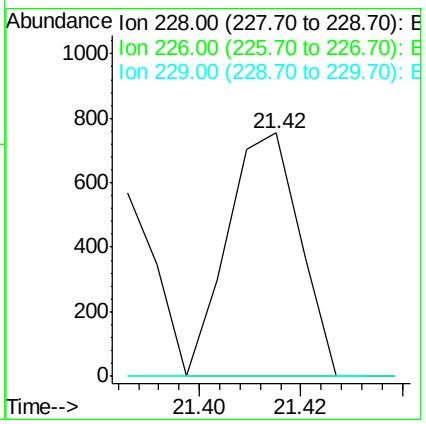


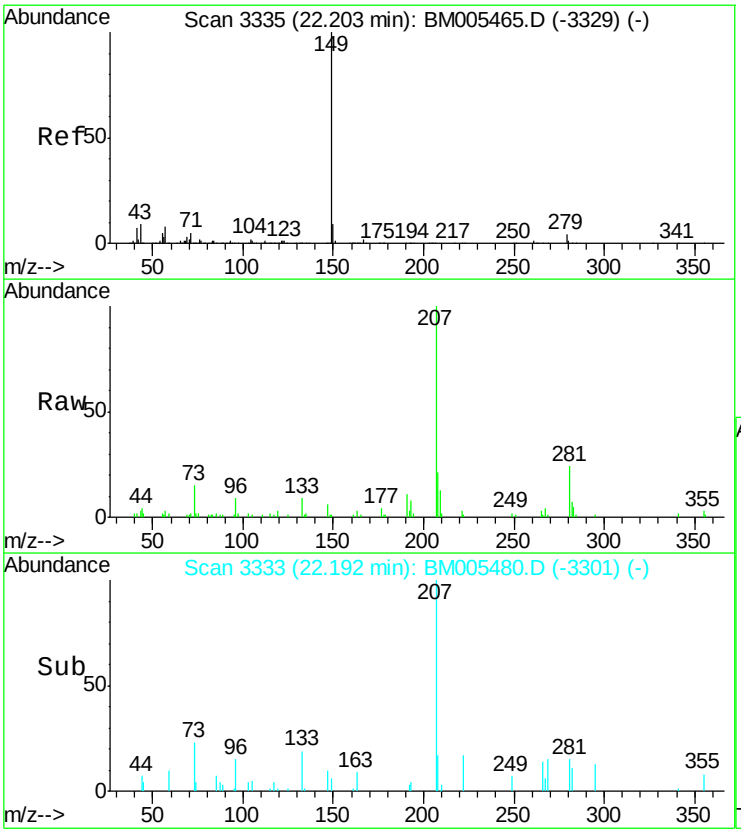
#82
Chrysene
Concen: 0.03 ng/ul
RT: 21.42 min Scan# 3201
Delta R.T. -0.01 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Instrument :
BNA_M
ClientSampleId :
D9WS8

Tgt Ion:228 Resp: 749

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

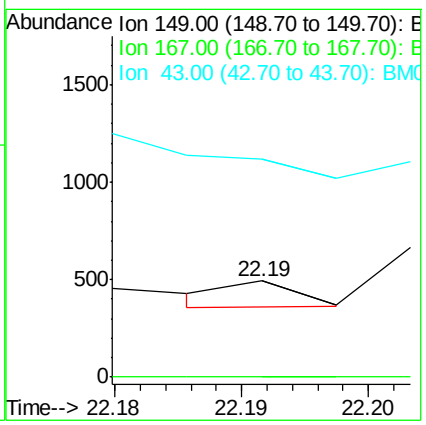


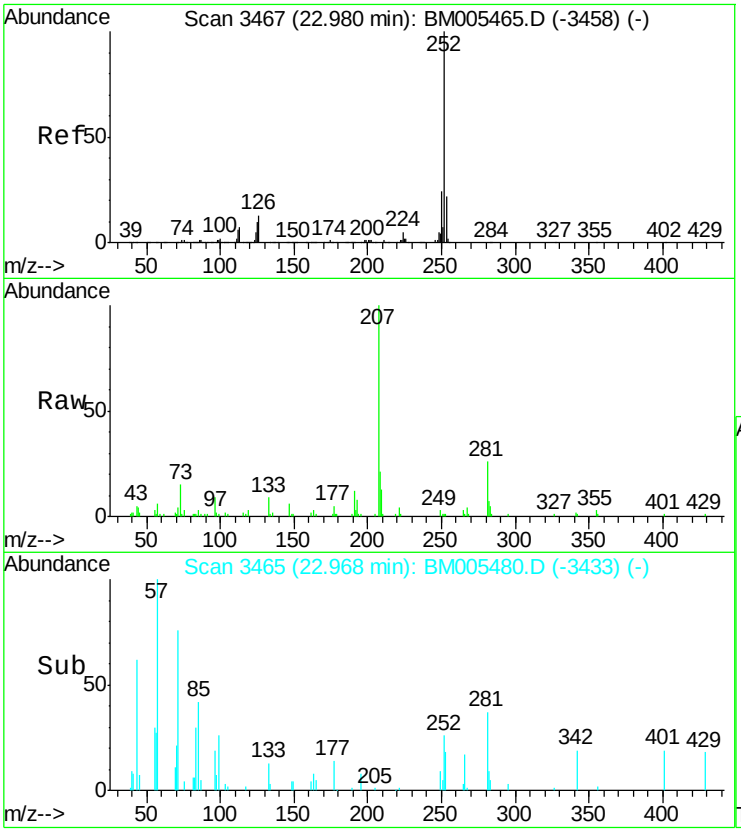


#84
Di-n-octyl phthalate
Concen: 0.00 ng/ul
RT: 22.19 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Tgt Ion:149 Resp: 50

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	227.0	7.4	11.0#



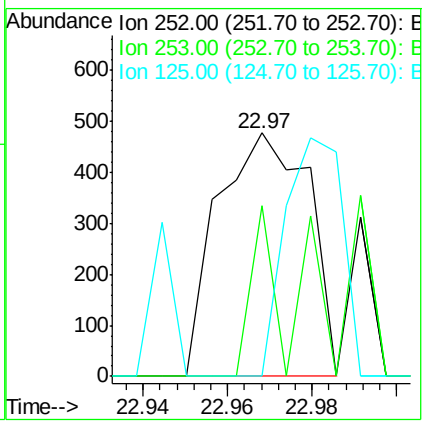


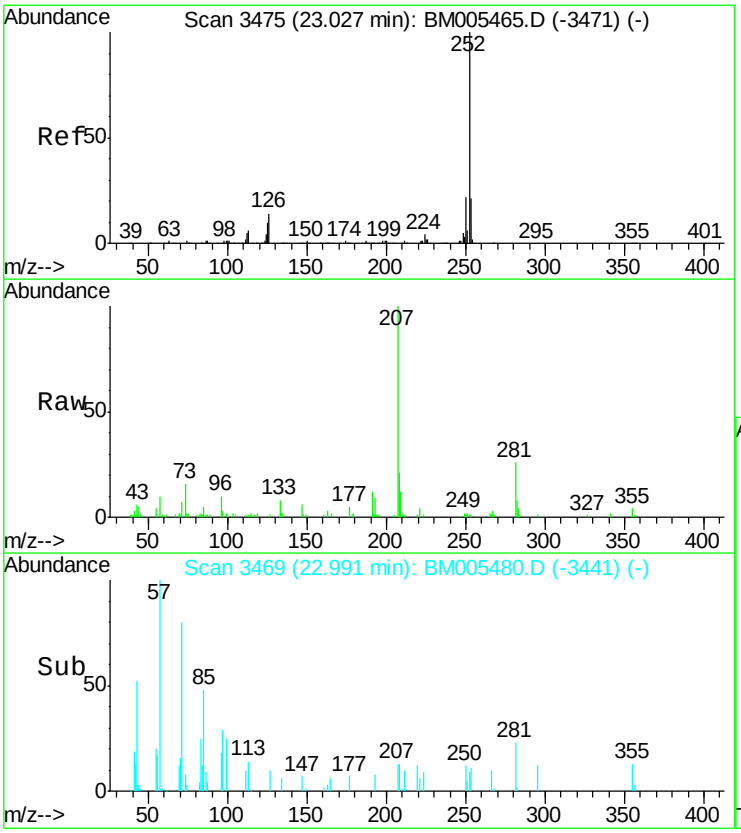
#85
Benzo(b)fluoranthene
Concen: 0.02 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Instrument :
BNA_M
ClientSampleId :
D9WS8

Tgt Ion:252 Resp: 715

Ion	Ratio	Lower	Upper
252	100		
253	70.2	17.4	26.2#
125	0.0	8.4	12.6#

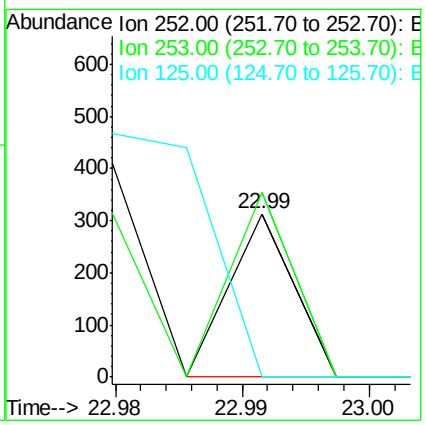


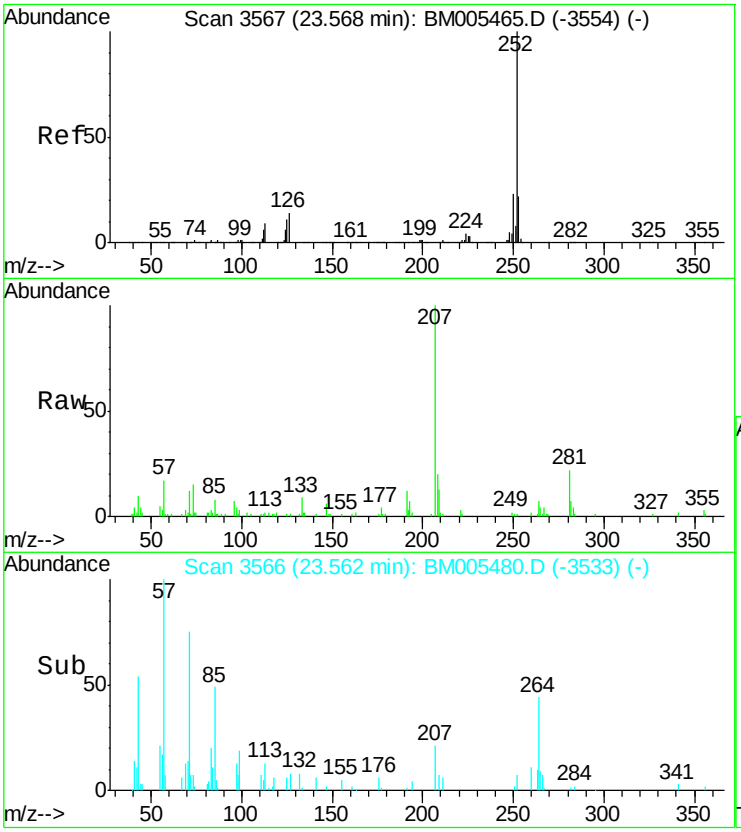


#86
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.99 min Scan# 3469
Delta R.T. -0.04 min
Lab File: BM005480.D
Acq: 18 May 2016 21:32

Tgt Ion:252 Resp: 110

Ion	Ratio	Lower	Upper
252	100		
253	113.4	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: BM005480.D
Acq: 18 May 2016 21:32

Instrument :
BNA_M
ClientSampleId :
D9WS8

Tgt Ion:252 Resp: 272

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	86.1	8.7	13.1#