Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005496.D
Acq On : 19 May 2016 07:13
Operator : UM/SJ
Sample : H2954-05MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H4086MSD

Quant Time: May 19 07:54:59 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	7.83	152	24674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	127242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	90125	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	256975	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	444006	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	525159	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	460	0.72	ng/uL	0.00
5) Phenol-d5	6.99	99	21649	9.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	13154	10.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	16659	9.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	19942	9.88	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	8136	8.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	9062	9.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	19326	9.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	32510	14.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	82896	11.19	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	90510	10.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	13891	9.14	ng/ul	0.00
57) Fluorene-d10	15.46	176	73519	11.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	10252	7.57	ng/ul	0.00
70) Anthracene-d10	17.30	188	129936	10.99	ng/ul	0.00
76) Pyrene-d10	19.59	212	192533	10.78	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.51	264	270288	11.51	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.02	94	22846	9.17	ng/ul	95
10) 2-Chlorophenol	7.40	128	16105	8.60	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.63	70	16634	9.68	ng/ul#	95
16) 4-Methylphenol	8.59	108	5068	2.33	ng/ul	89
33) 4-Chloro-3-methylphenol	11.90	107	24799	10.01	ng/ul	96
44) Dimethylphthalate	13.92	163	33792	4.47	ng/ul	99
49) Acenaphthene	14.53	153	63587	10.28	ng/ul	97
52) 4-Nitrophenol	14.66	109	14278	10.49	ng/ul	88
54) 2,4-Dinitrotoluene	14.82	165	21515	9.75	ng/ul#	97
68) Pentachlorophenol	16.85	266	18003	9.25	ng/ul	96
77) Pyrene	19.62	202	241369	10.15	ng/ul	96

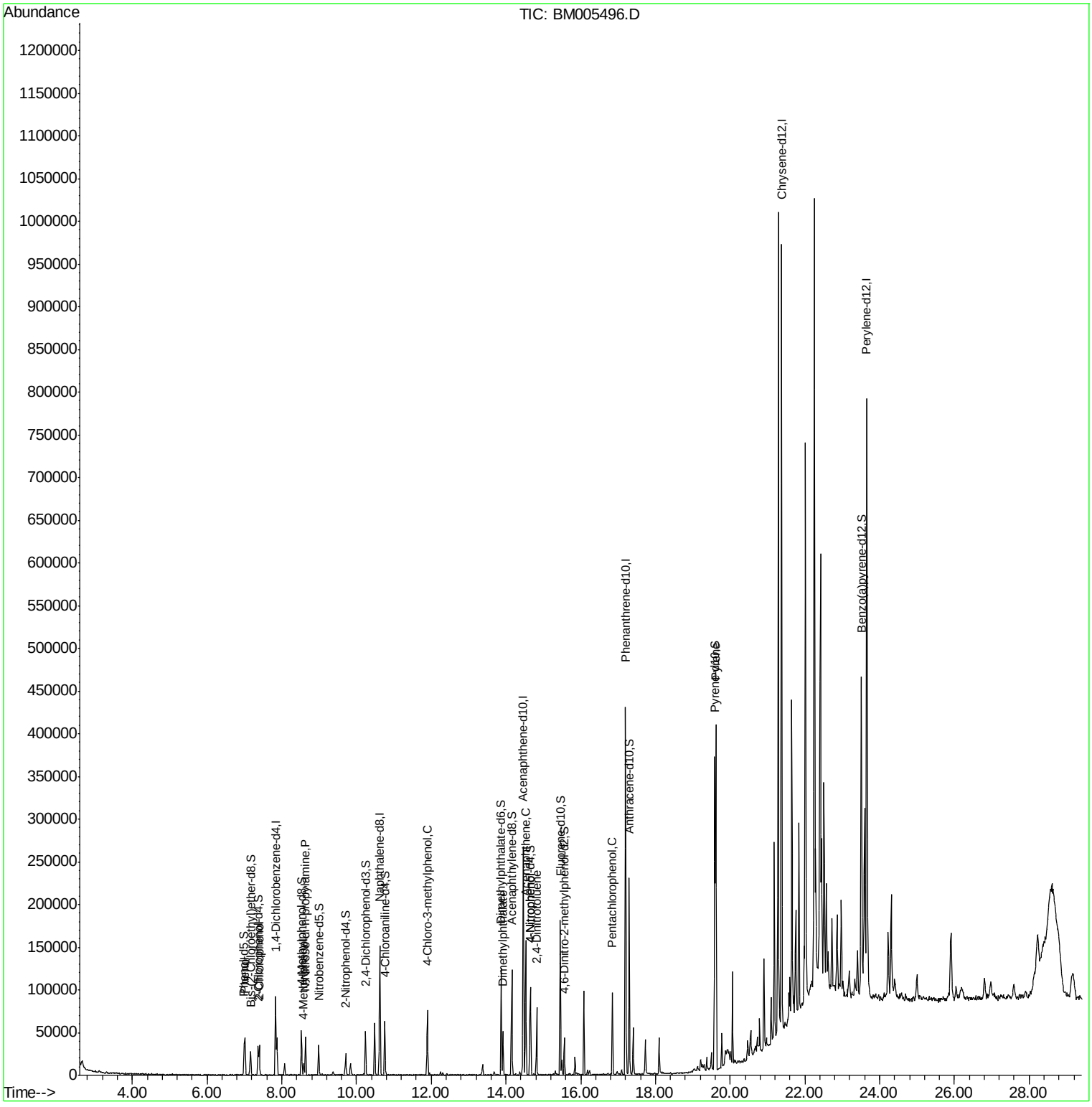
(#) = qualifier out of range (m) = manual integration (+) = signals summed

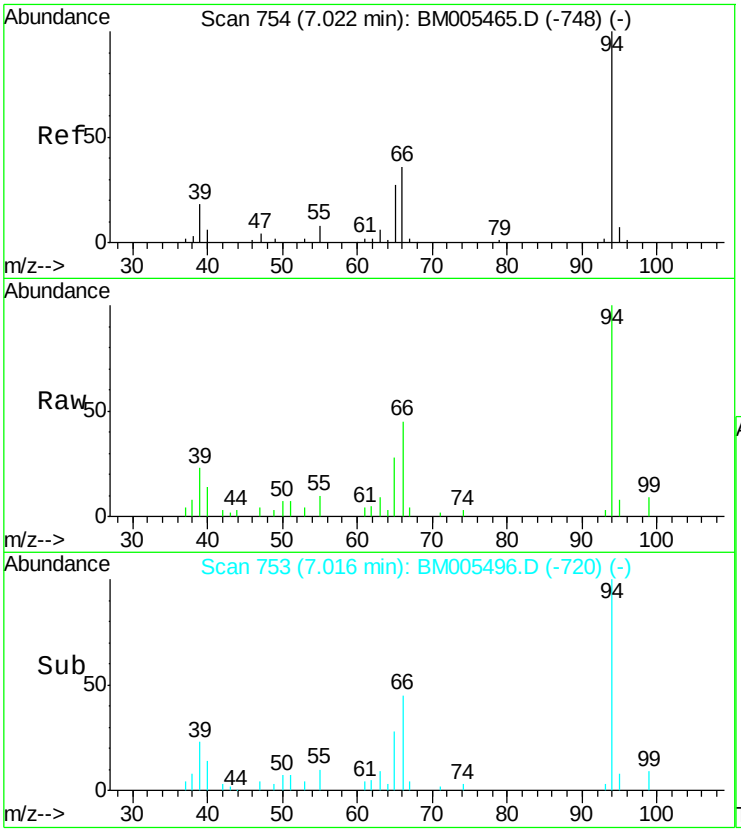
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005496.D
Acq On : 19 May 2016 07:13
Operator : UM/SJ
Sample : H2954-05MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H4086MSD

Quant Time: May 19 07:54:59 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



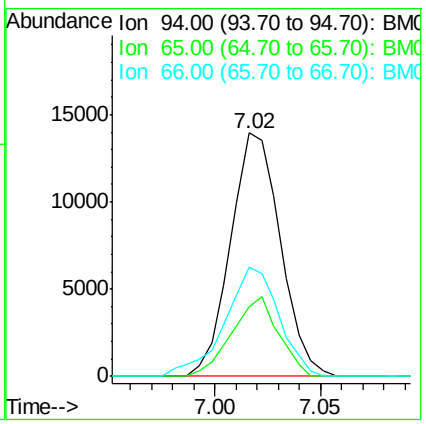


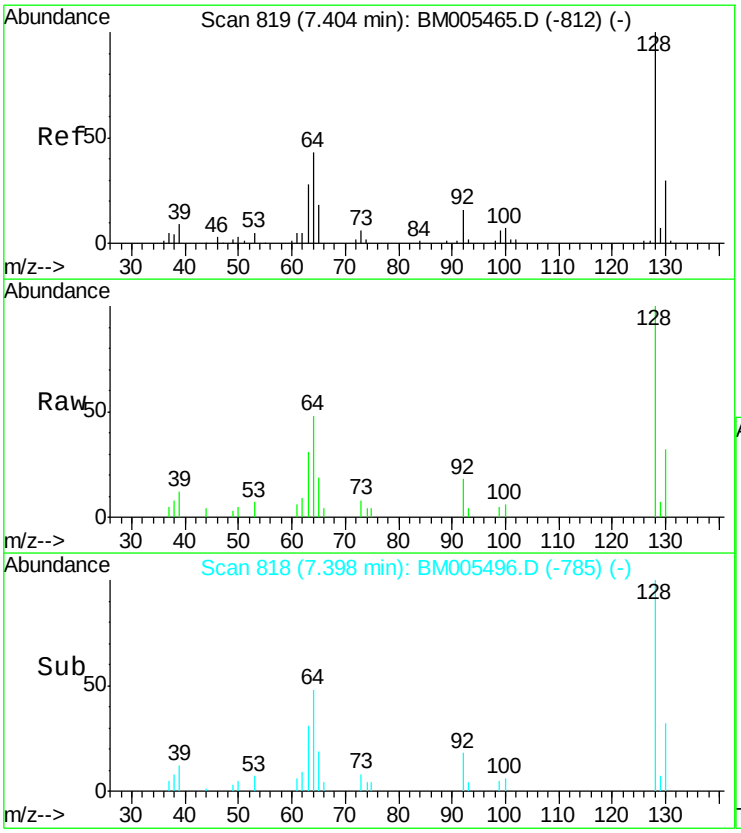
#6
Phenol
Concen: 9.17 ng/ul
RT: 7.02 min Scan# 753
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Instrument :
BNA_M
ClientSampleId :
H4086MSD

Tgt Ion: 94 Resp: 22846

Ion	Ratio	Lower	Upper
94	100		
65	28.3	22.7	34.1
66	44.7	31.7	47.5

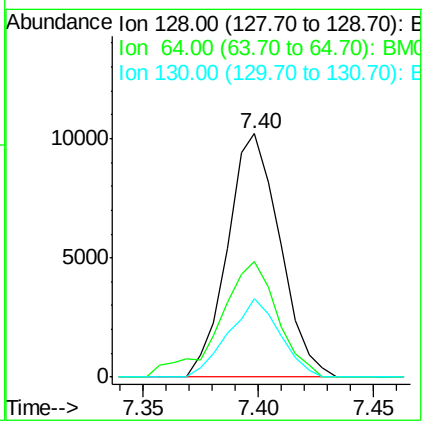


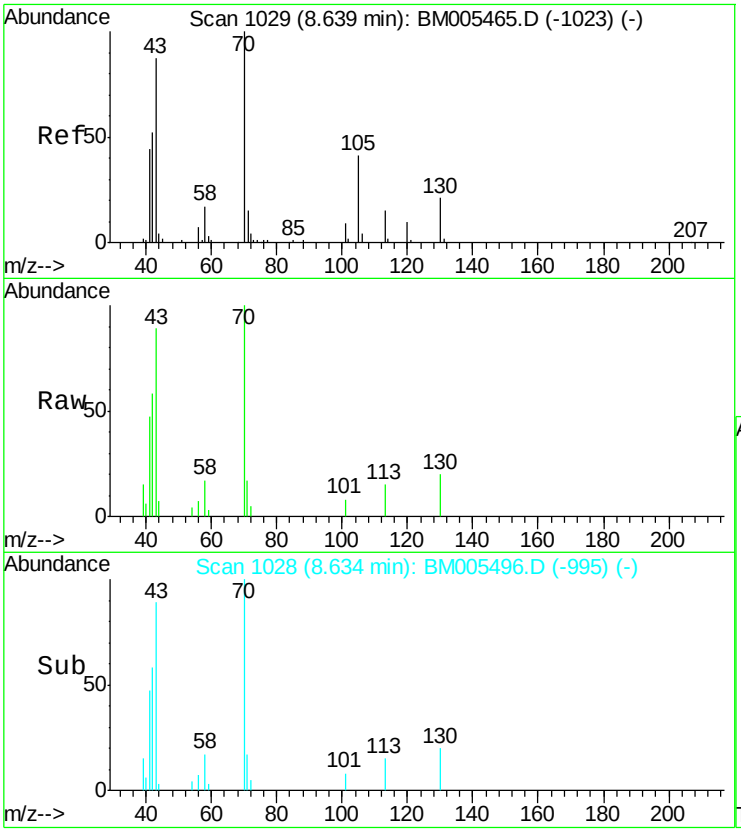


#10
2-Chlorophenol
Concen: 8.60 ng/ul
RT: 7.40 min Scan# 818
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Tgt Ion:128 Resp: 16105

Ion	Ratio	Lower	Upper
128	100		
64	47.7	37.8	56.8
130	32.3	24.9	37.3



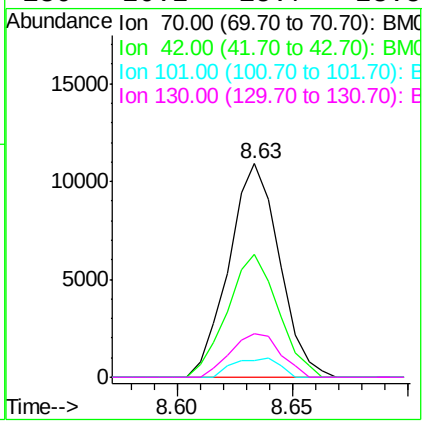


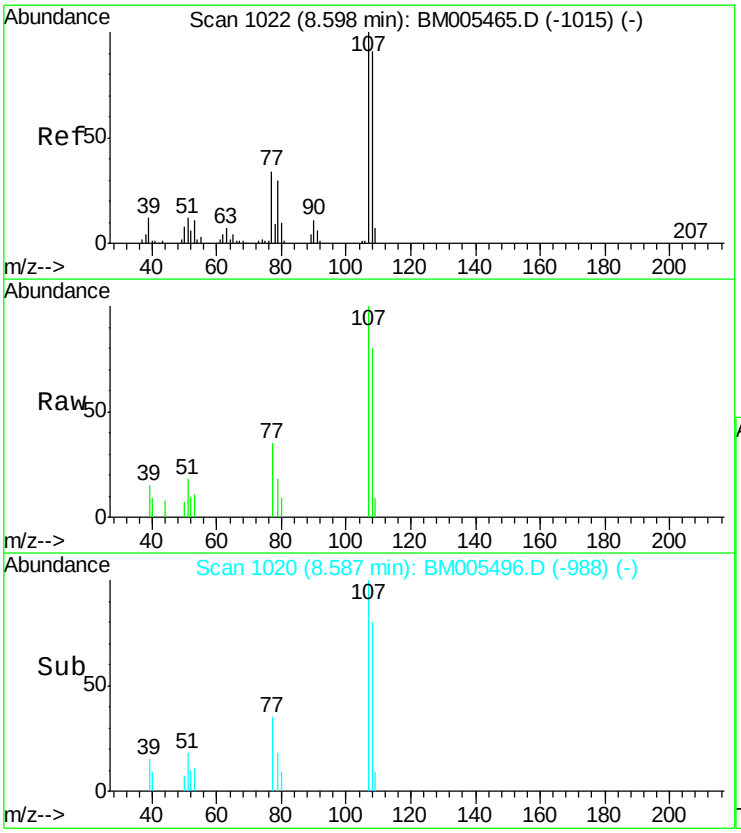
#15
N-Nitroso-di-n-propylamine
Concen: 9.68 ng/ul
RT: 8.63 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Instrument :
BNA_M
ClientSampleId :
H4086MSD

Tgt Ion: 70 Resp: 16634

Ion	Ratio	Lower	Upper
70	100		
42	57.6	42.8	64.2
101	7.6	7.8	11.6#
130	20.2	15.7	23.5

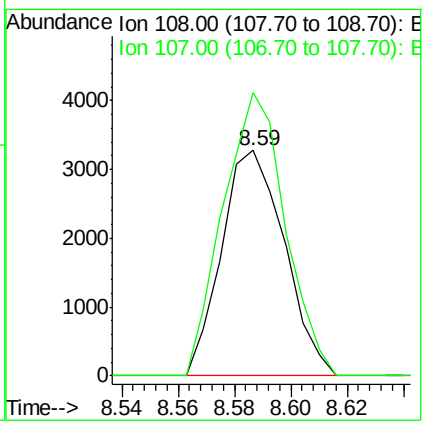


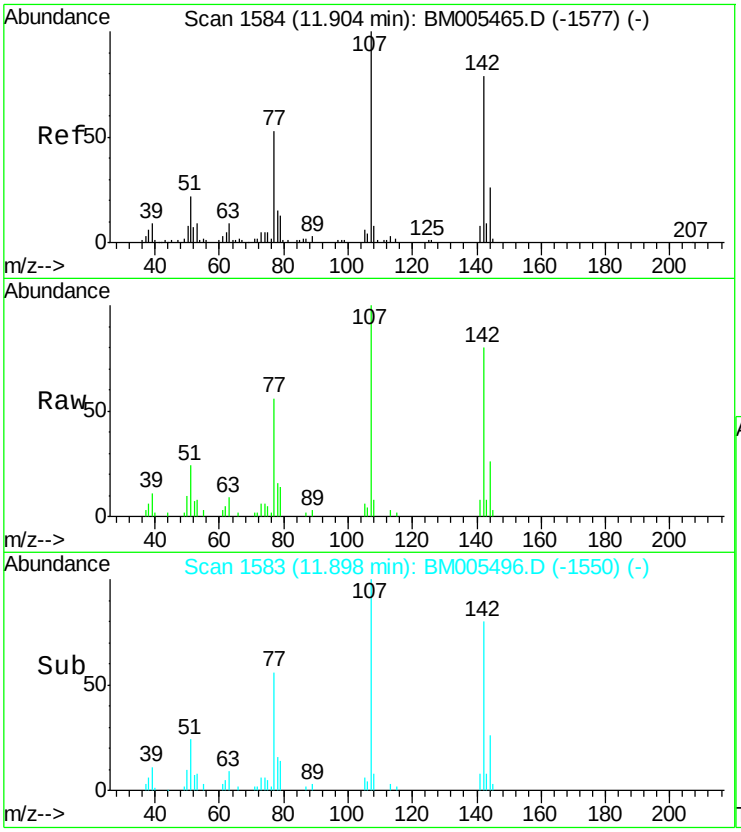


#16
4-Methylphenol
Concen: 2.33 ng/ul
RT: 8.59 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Tgt Ion:108 Resp: 5068

Ion	Ratio	Lower	Upper
108	100		
107	125.4	91.1	136.7



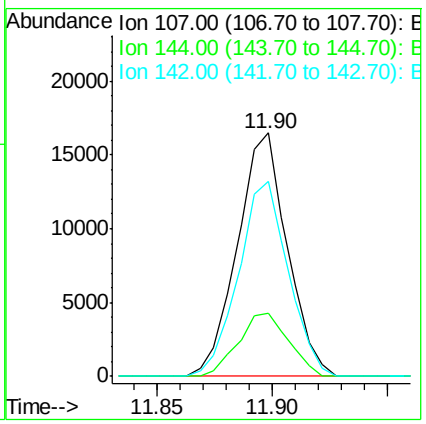


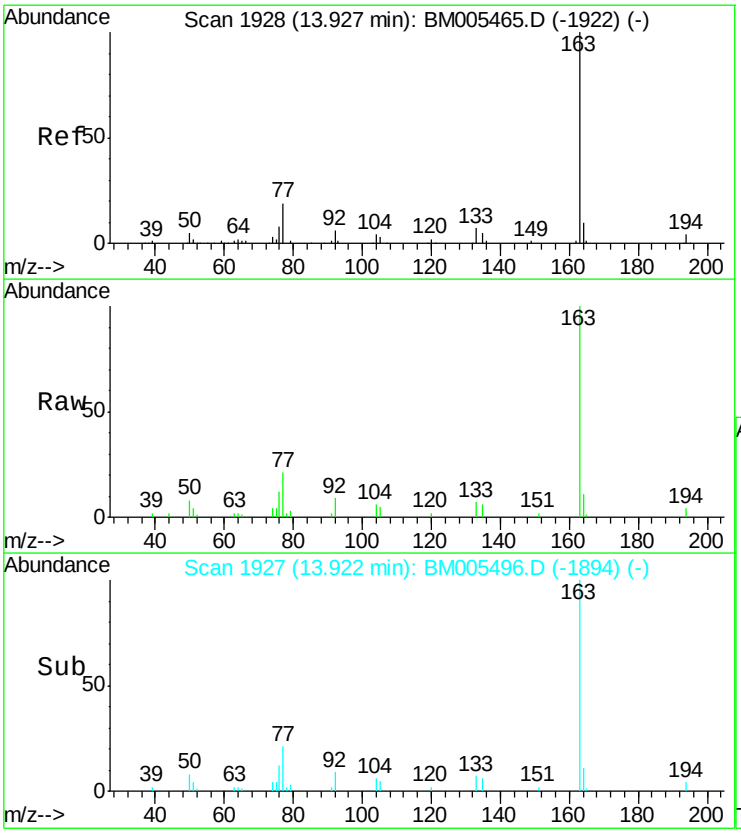
#33
4-Chloro-3-methylphenol
Concen: 10.01 ng/ul
RT: 11.90 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Instrument :
BNA_M
ClientSampleId :
H4086MSD

Tgt Ion:107 Resp: 24799

Ion	Ratio	Lower	Upper
107	100		
144	25.8	19.3	28.9
142	80.1	60.8	91.2

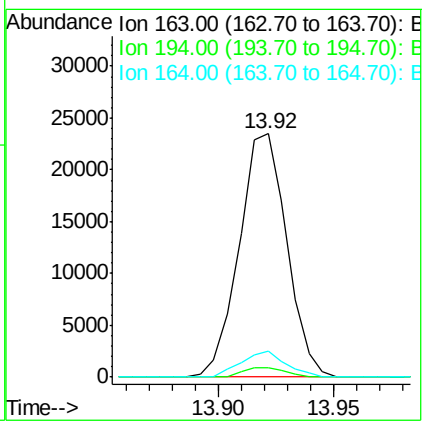




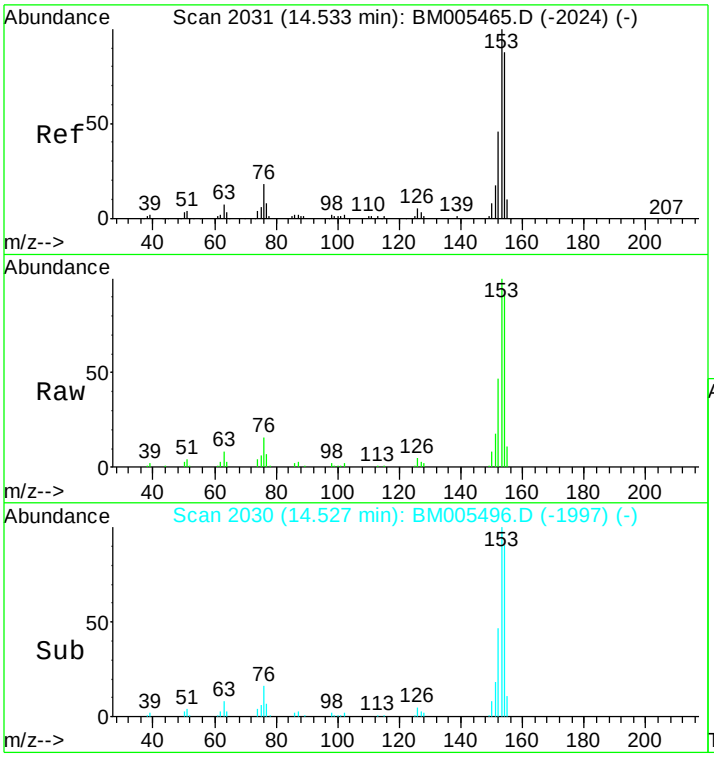
#44
Dimethylphthalate
Concen: 4.47 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Tgt Ion:163 Resp: 33792

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.6	7.9	11.9



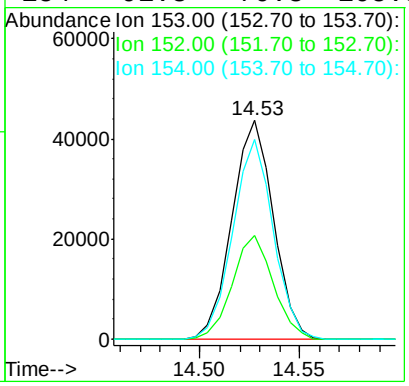
Instrument :
BNA_M
ClientSampleId :
H4086MSD

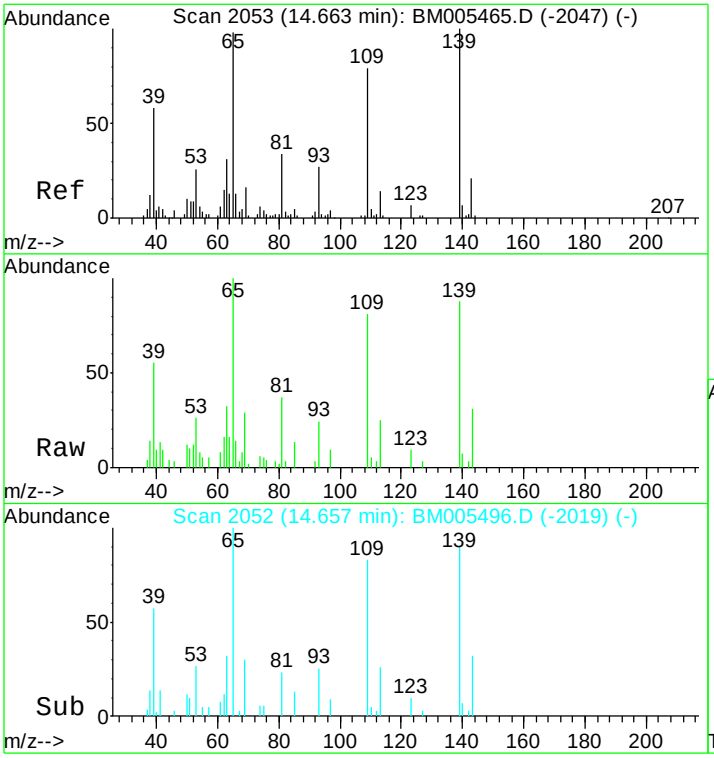


#49
Acenaphthene
Concen: 10.28 ng/ul
RT: 14.53 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Tgt Ion:153 Resp: 63587

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.9	58.3
154	91.3	70.3	105.5

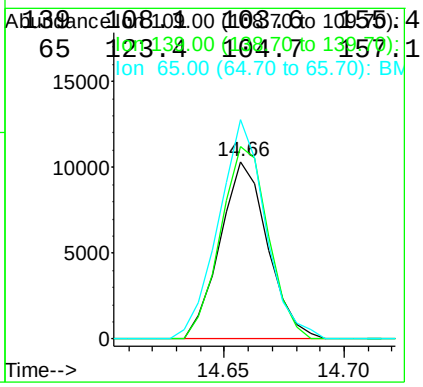


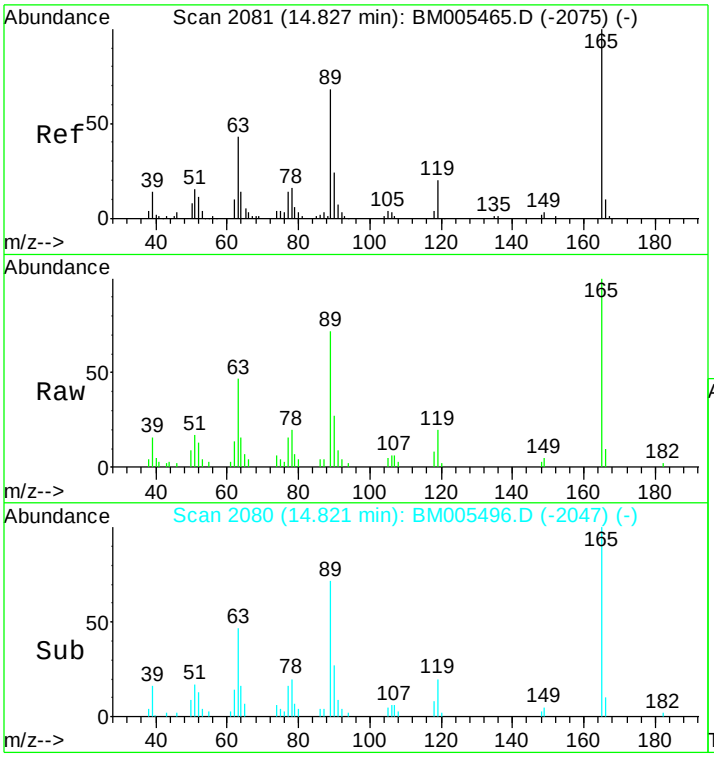


#52
4-Nitrophenol
Concen: 10.49 ng/ul
RT: 14.66 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Tgt Ion:109 Resp: 14278

Ion	Ratio	Lower	Upper
109	100		
139	108.1	103.6	155.4
65	123.4	104.7	157.1



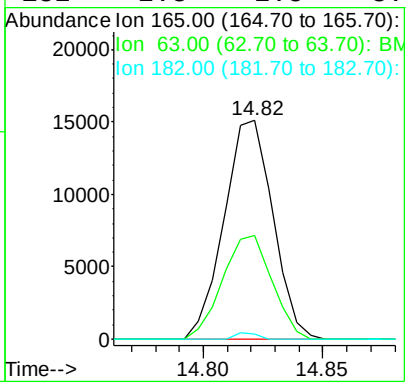


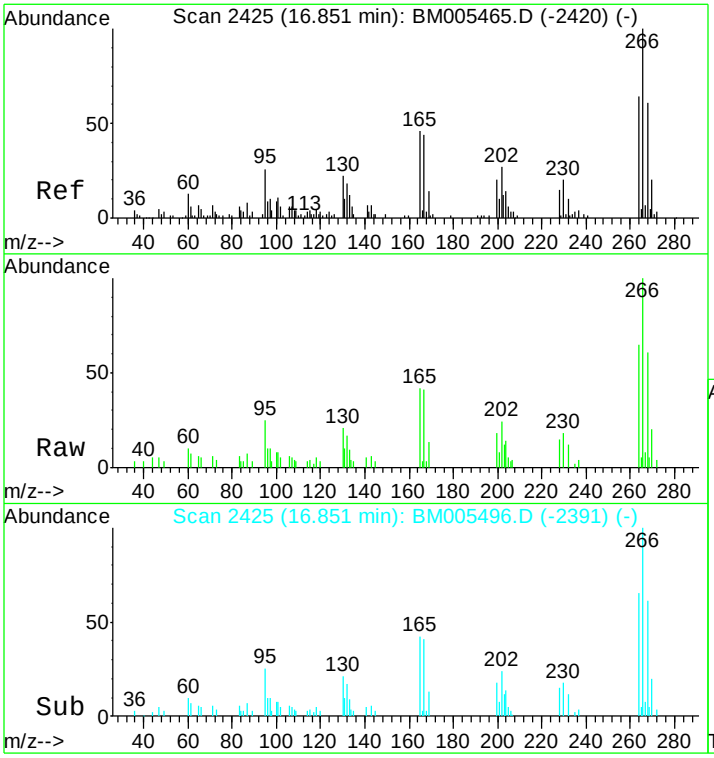
#54
2,4-Dinitrotoluene
Concen: 9.75 ng/ul
RT: 14.82 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Instrument :
BNA_M
ClientSampleId :
H4086MSD

Tgt Ion:165 Resp: 21515

Ion	Ratio	Lower	Upper
165	100		
63	47.3	36.2	54.4
182	2.3	2.5	3.7#

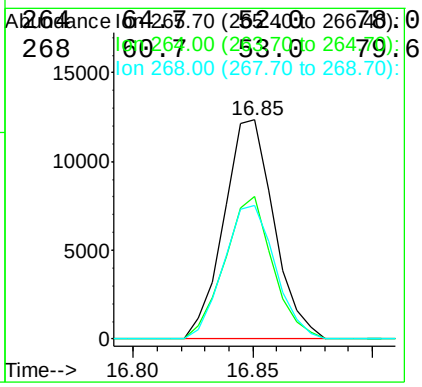


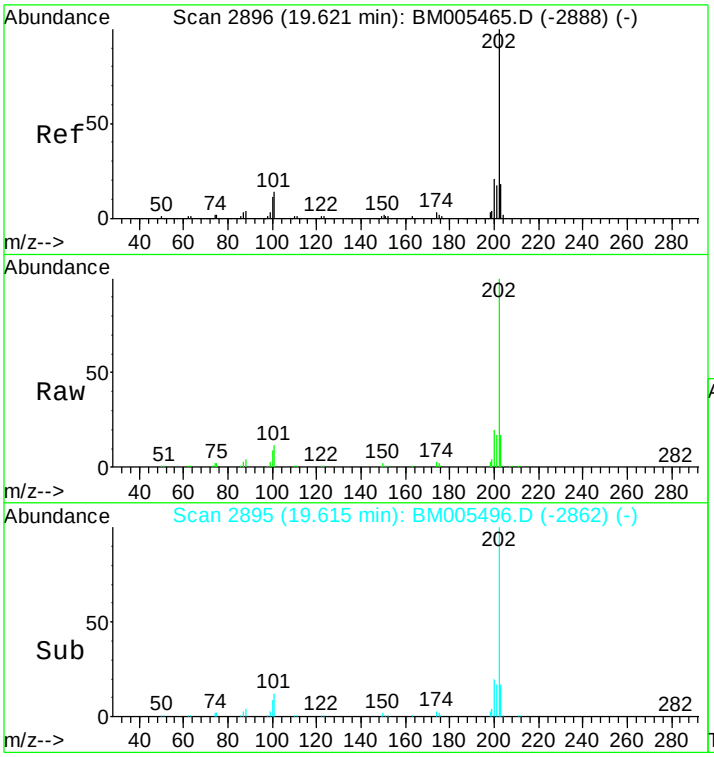


#68
Pentachlorophenol
Concen: 9.25 ng/ul
RT: 16.85 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Tgt Ion:266 Resp: 18003

Ion	Ratio	Lower	Upper
266	100		
264	64.7	52.0	78.0
268	60.7	53.0	79.6

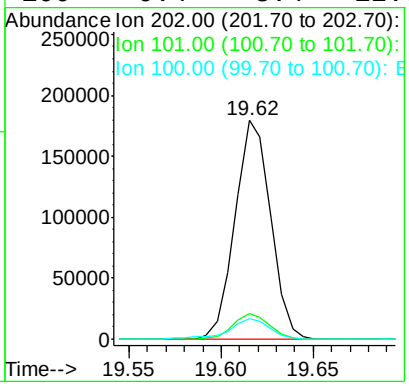




#77
Pyrene
Concen: 10.15 ng/ul
RT: 19.62 min Scan# 2895
Delta R.T. -0.01 min
Lab File: BM005496.D
Acq: 19 May 2016 07:13

Tgt Ion:202 Resp: 241369

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.8	16.2
100	9.4	8.4	12.6



Instrument :
BNA_M
ClientSampleId :
H4086MSD