Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092016\
Data File : BM007494.D
Acq On : 20 Sep 2016 13:39
Operator : UM/SJ
Sample : H4830-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4VH2MS

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Quant Time: Sep 21 05:52:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 20 01:35:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	175675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	830568	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	654590	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1484821	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2141076	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	2218023	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	4621	1.34	ng/uL	0.00
5) Phenol-d5	6.96	99	98307	5.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	228466	26.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	254567	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	195142	13.48	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	167889	27.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	194594	27.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	339130	23.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	1471m	0.08	ng/ul	0.04
43) Dimethylphthalate-d6	13.83	166	1427969	25.29	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1626598	24.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	51679	4.85	ng/ul	0.00
57) Fluorene-d10	15.41	176	1222858	25.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	252037	26.99	ng/ul	0.00
70) Anthracene-d10	17.26	188	2080392	29.99	ng/ul	0.00
76) Pyrene-d10	19.56	212	2600648	29.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	3005094	29.42	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	106474	6.19	ng/ul	99
10) 2-Chlorophenol	7.36	128	258773	20.60	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	310257	26.30	ng/ul	95
33) 4-Chloro-3-methylphenol	11.86	107	389704	22.36	ng/ul	94
49) Acenaphthene	14.48	153	1077165	24.58	ng/ul	99
52) 4-Nitrophenol	14.64	109	53564	4.72	ng/ul	95
54) 2,4-Dinitrotoluene	14.79	165	422844	23.99	ng/ul	98
68) Pentachlorophenol	16.82	266	326457	26.95	ng/ul	99
77) Pyrene	19.59	202	3219655	28.03	ng/ul	97

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

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
A4VH2MS

Manual Integrations APPROVED
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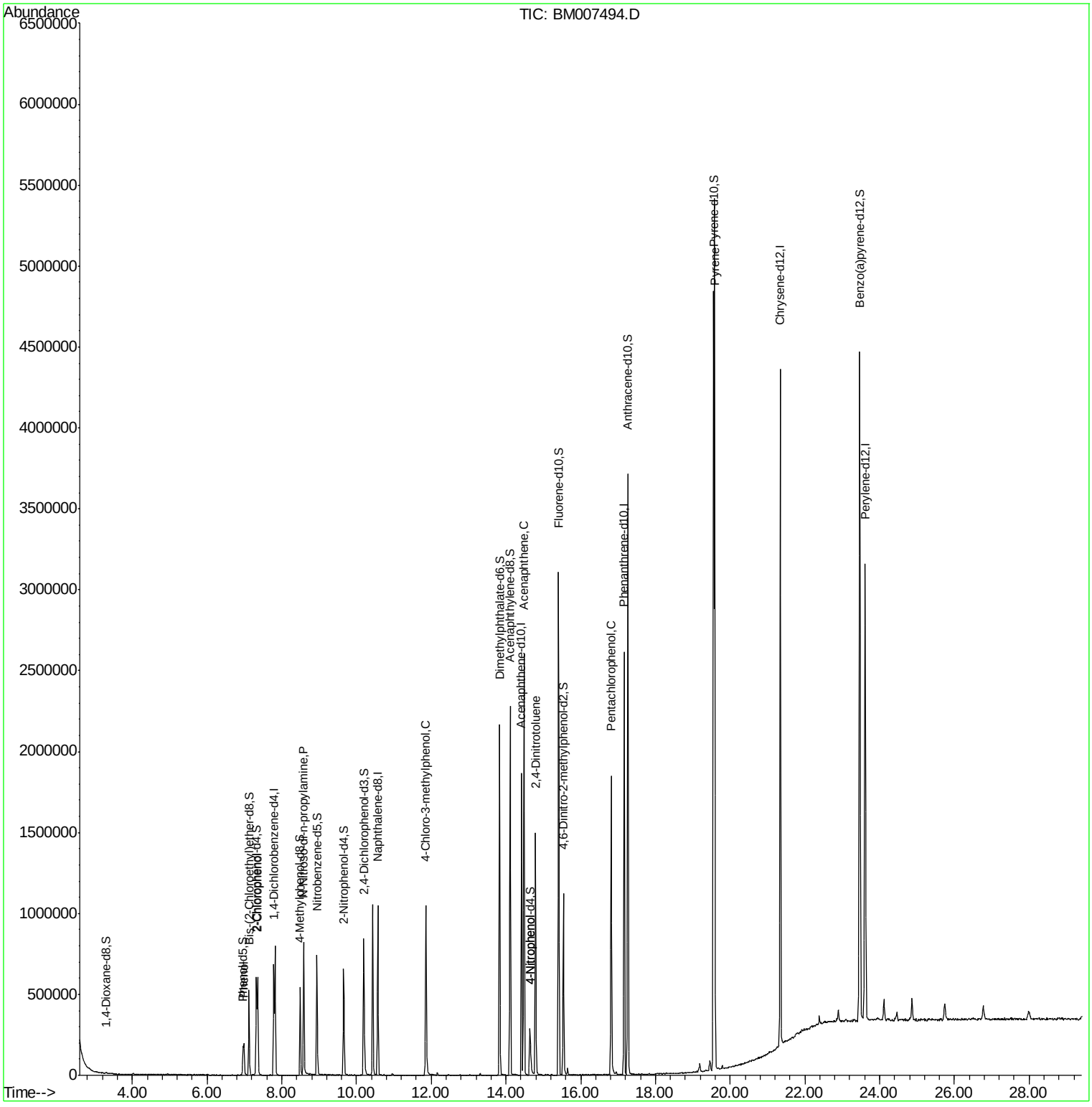
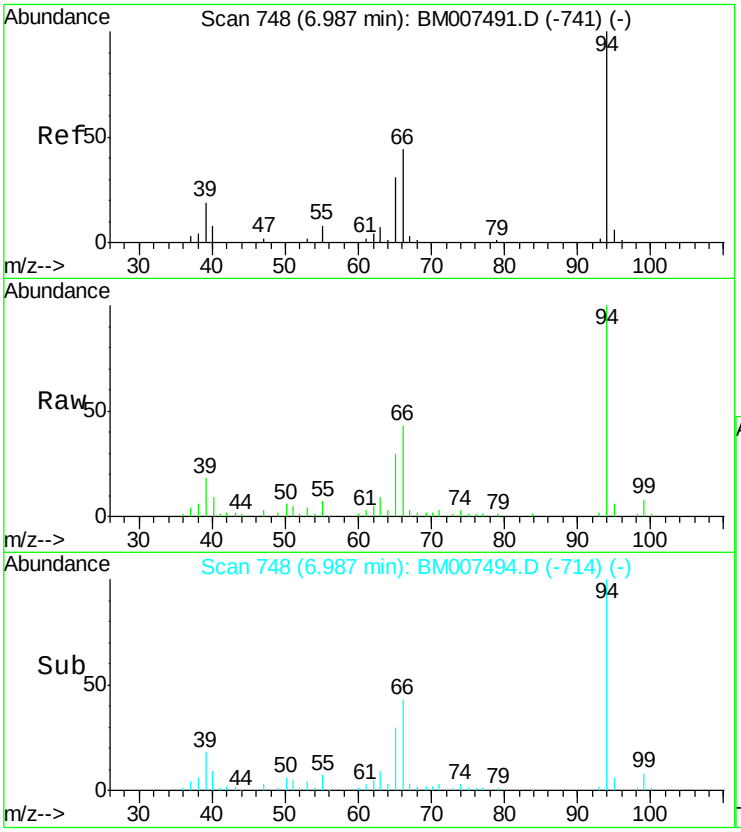
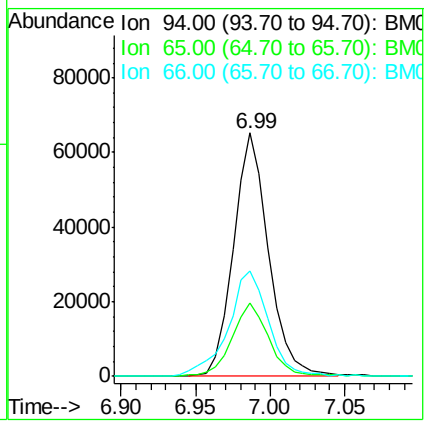




#6
Phenol
Concen: 6.19 ng/ul
RT: 6.99 min Scan# 748
Delta R.T. -0.00 min
Lab File: BM007494.D
Acq: 20 Sep 2016 13:39

Tgt Ion: 94 Resp: 106474

Ion	Ratio	Lower	Upper
94	100		
65	30.0	23.9	35.9
66	43.2	33.5	50.3



Instrument :
BNA_M
ClientSampleId :
A4VH2MS

Manual Integrations APPROVED
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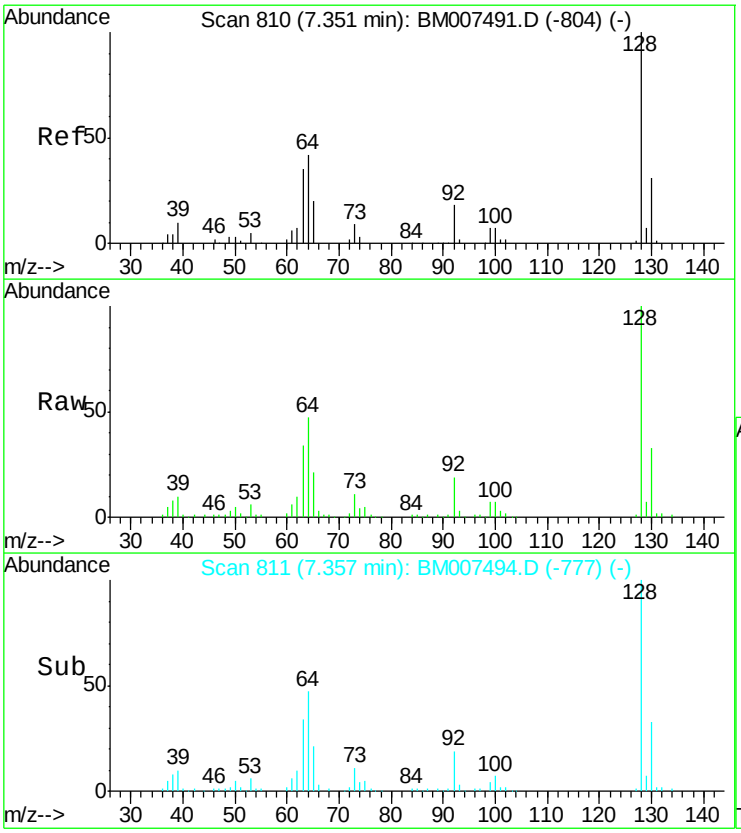
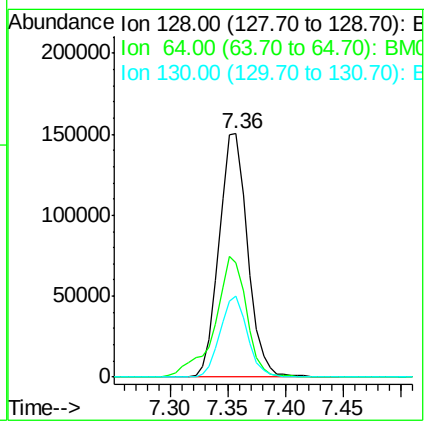
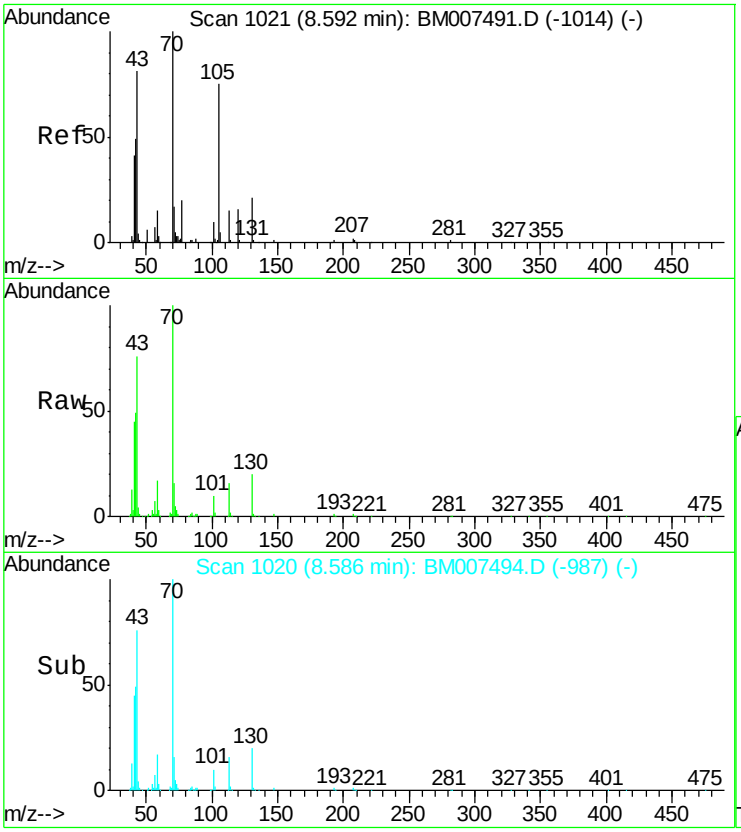


#10
2-Chlorophenol
Concen: 20.60 ng/ul
RT: 7.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM007494.D
Acq: 20 Sep 2016 13:39

Tgt Ion:128 Resp: 258773

Ion	Ratio	Lower	Upper
128	100		
64	47.0	37.5	56.3
130	33.2	25.0	37.4

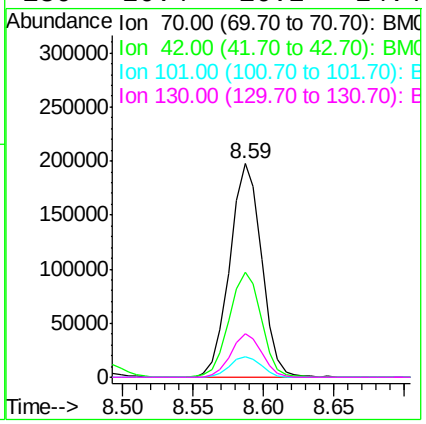




#15
N-Nitroso-di-n-propylamine
Concen: 26.30 ng/ul
RT: 8.59 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM007494.D
Acq: 20 Sep 2016 13:39

Tgt Ion: 70 Resp: 310257

Ion	Ratio	Lower	Upper
70	100		
42	49.2	43.4	65.2
101	9.6	7.8	11.6
130	20.4	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
A4VH2MS

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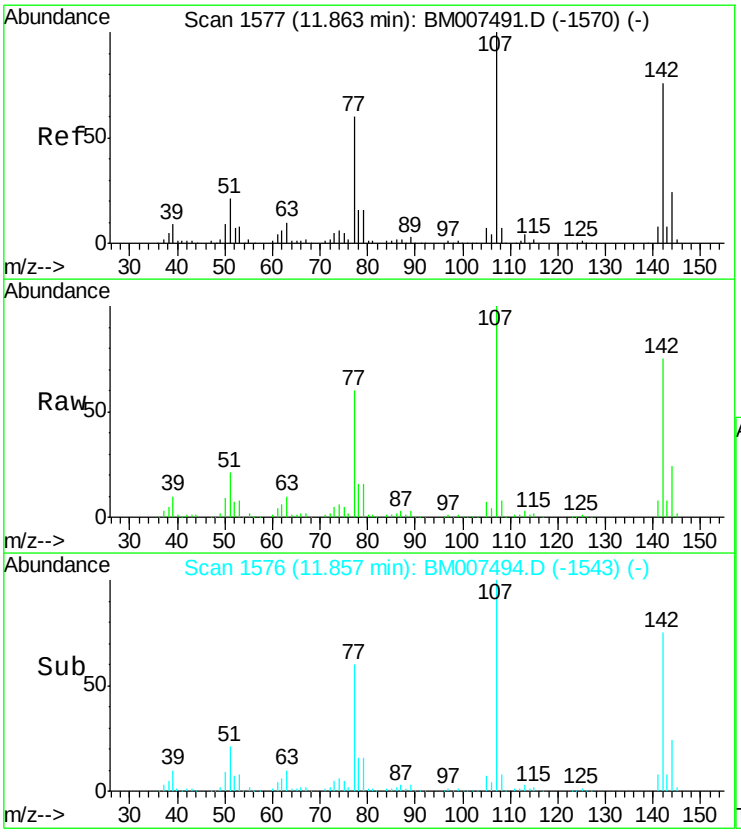
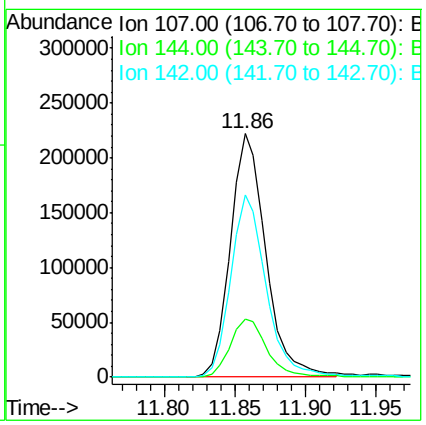
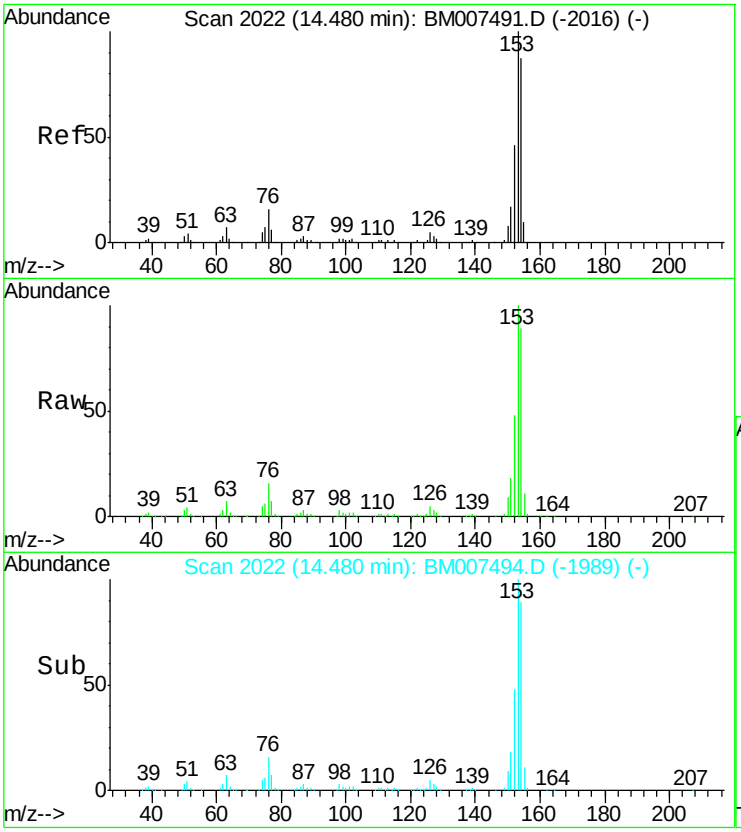


#33
4-Chloro-3-methylphenol
Concen: 22.36 ng/ul
RT: 11.86 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM007494.D
Acq: 20 Sep 2016 13:39

Tgt Ion:107 Resp: 389704

Ion	Ratio	Lower	Upper
107	100		
144	23.8	21.1	31.7
142	74.7	64.1	96.1

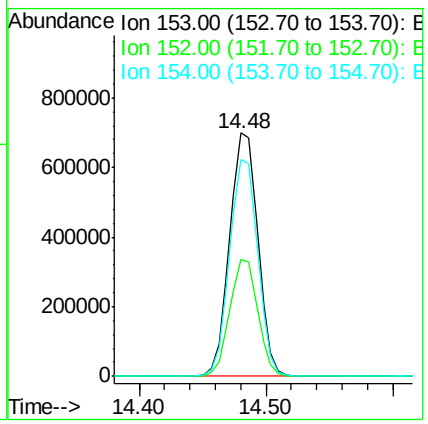




#49
Acenaphthene
Concen: 24.58 ng/ul
RT: 14.48 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM007494.D
Acq: 20 Sep 2016 13:39

Tgt Ion:153 Resp: 1077165

Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.8	56.6
154	89.2	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
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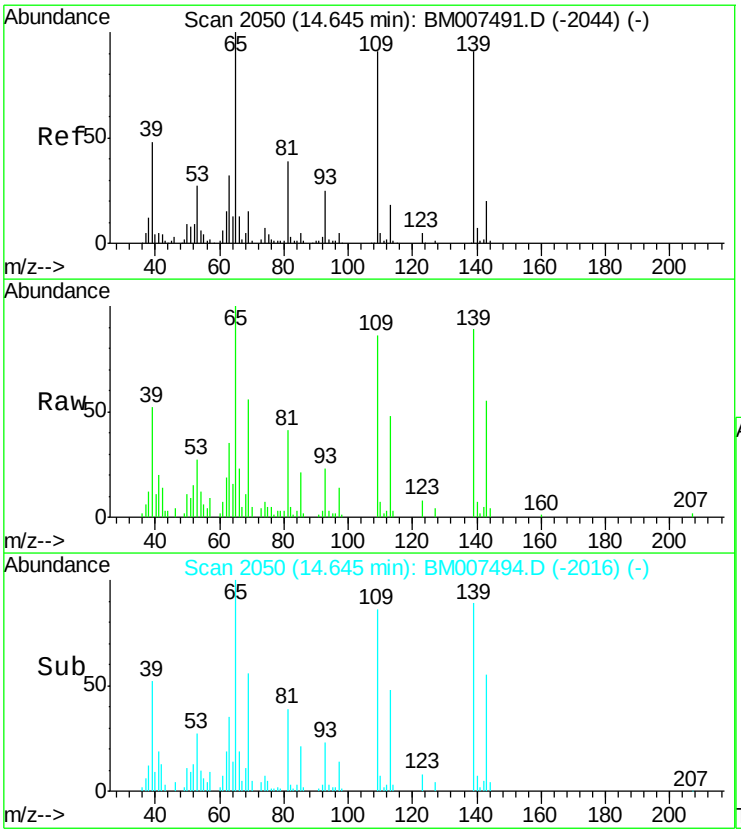
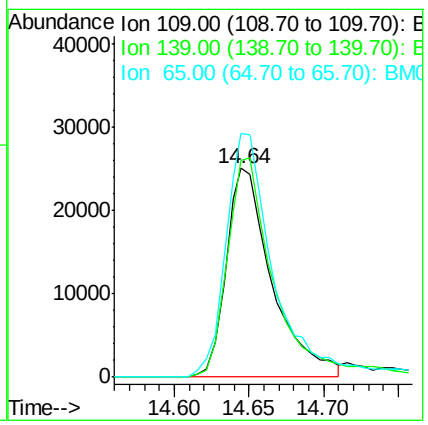
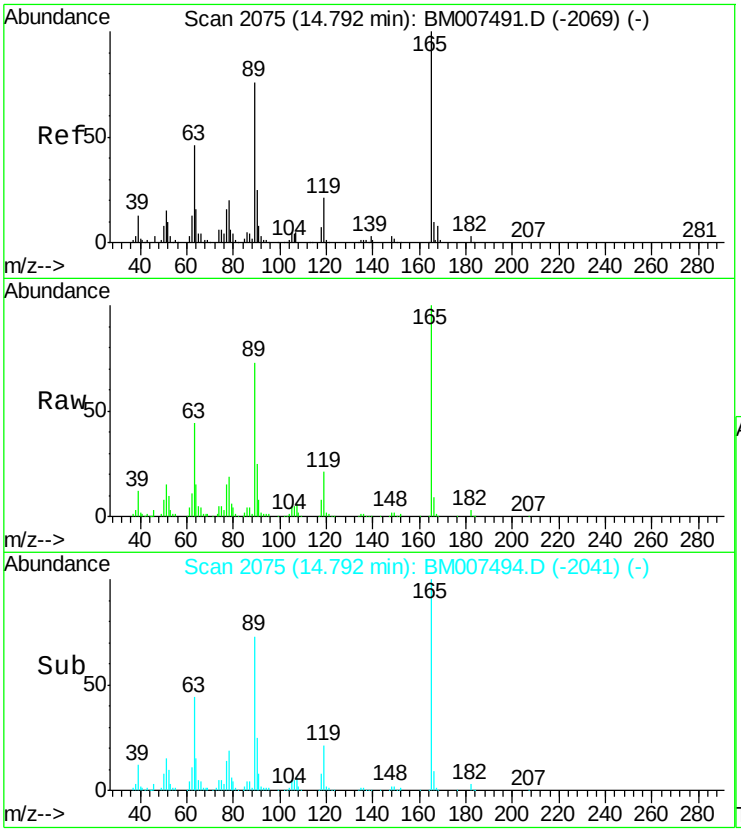


#52
4-Nitrophenol
Concen: 4.72 ng/ul
RT: 14.64 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BM007494.D
Acq: 20 Sep 2016 13:39

Tgt Ion:109 Resp: 53564

Ion	Ratio	Lower	Upper
109	100		
139	103.7	88.7	133.1
65	116.6	96.4	144.6

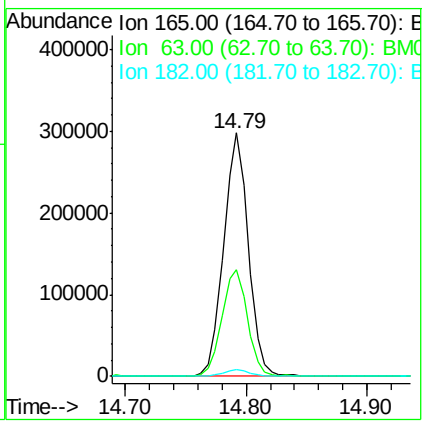




#54
2,4-Dinitrotoluene
Concen: 23.99 ng/ul
RT: 14.79 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BM007494.D
Acq: 20 Sep 2016 13:39

Tgt Ion:165 Resp: 422844

Ion	Ratio	Lower	Upper
165	100		
63	44.0	36.2	54.2
182	2.6	2.2	3.4



Instrument :
BNA_M
ClientSampleId :
A4VH2MS

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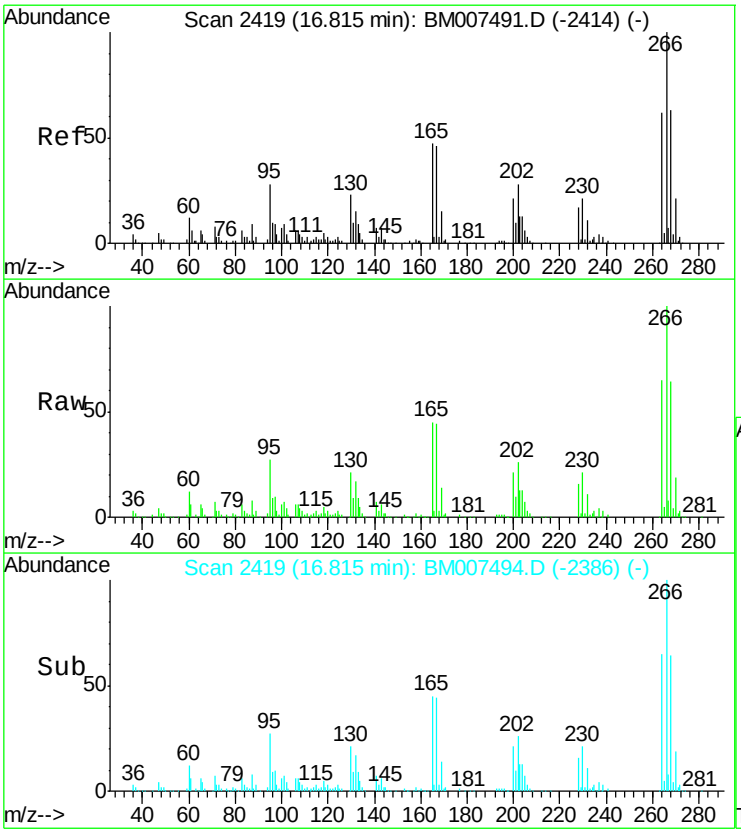
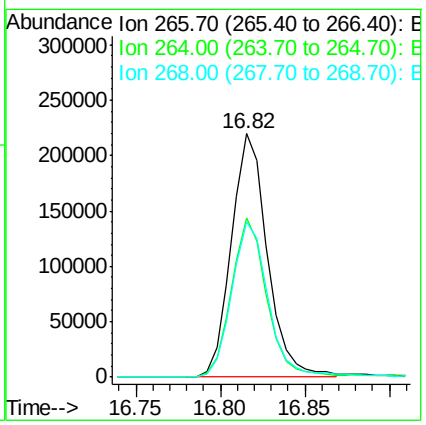
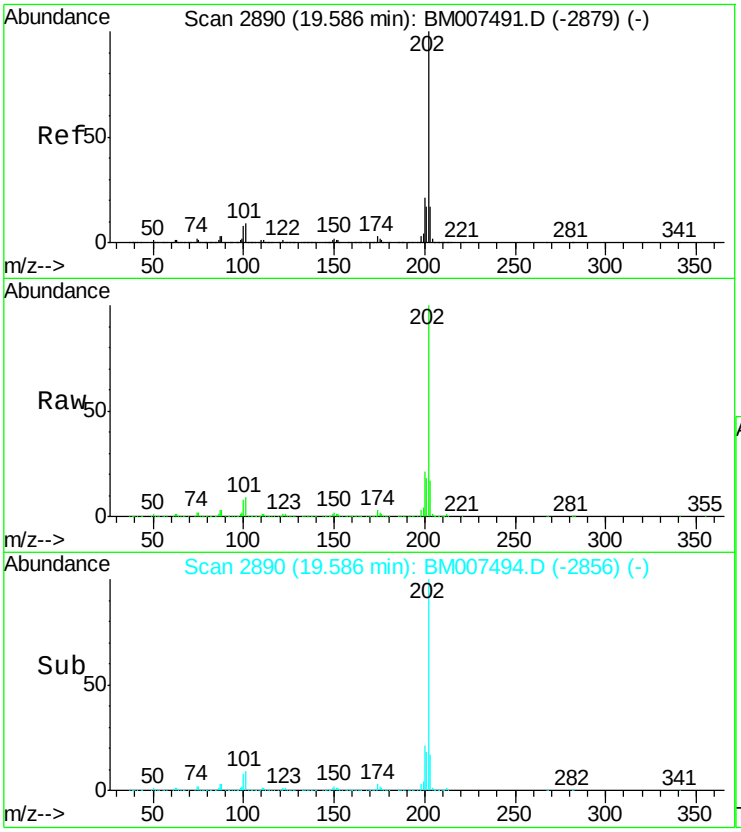


#68
Pentachlorophenol
Concen: 26.95 ng/ul
RT: 16.82 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM007494.D
Acq: 20 Sep 2016 13:39

Tgt Ion:266 Resp: 326457

Ion	Ratio	Lower	Upper
266	100		
264	65.2	50.6	75.8
268	63.7	51.0	76.6

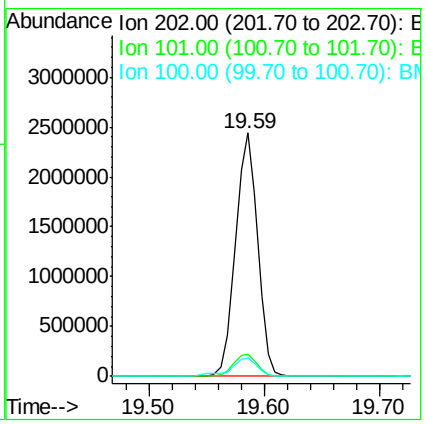




#77
Pyrene
Concen: 28.03 ng/ul
RT: 19.59 min Scan# 2890
Delta R.T. -0.00 min
Lab File: BM007494.D
Acq: 20 Sep 2016 13:39

Tgt Ion:202 Resp: 3219655

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.4	12.6
100	7.8	6.9	10.3



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