Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP001989.D
Acq On : 02 Mar 2020 14:42
Operator : CG/JU
Sample : L1616-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDP7MSD

Quant Time: Mar 02 16:03:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 02 15:51:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	278444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1137502	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	715648	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1554452	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1520258	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1764029	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	36899	5.70	ng/uL	0.00
5) Phenol-d5	6.82	99	639271	30.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	381068	33.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	561787	30.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	512043	29.33	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	277629	31.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	288876	29.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	557761	29.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	747442	36.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1772119	32.72	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	2119876	32.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	220393	21.29	ng/ul	0.00
58) Fluorene-d10	15.27	176	1582818	33.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	181534	21.18	ng/ul	0.00
71) Anthracene-d10	17.13	188	2368349	33.90	ng/ul	0.00
79) Pyrene-d10	19.37	212	2733276	34.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2979683	33.01	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	801745	36.360	ng/ul	99
10) 2-Chlorophenol	7.21	128	658003	34.931	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	469578	38.282	ng/ul	96
33) 4-Chloro-3-methylphenol	11.70	107	642408	34.337	ng/ul	100
45) Dimethylphthalate	13.74	163	228579	4.089	ng/ul	99
50) Acenaphthene	14.34	153	1630622	35.313	ng/ul	98
53) 4-Nitrophenol	14.49	109	228359	30.539	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	545320	33.558	ng/ul	96
69) Pentachlorophenol	16.69	266	388419	31.096	ng/ul	100
80) Pyrene	19.40	202	3678512	35.539	ng/ul	100

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

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Quant Title : SVOA CALIBRATION
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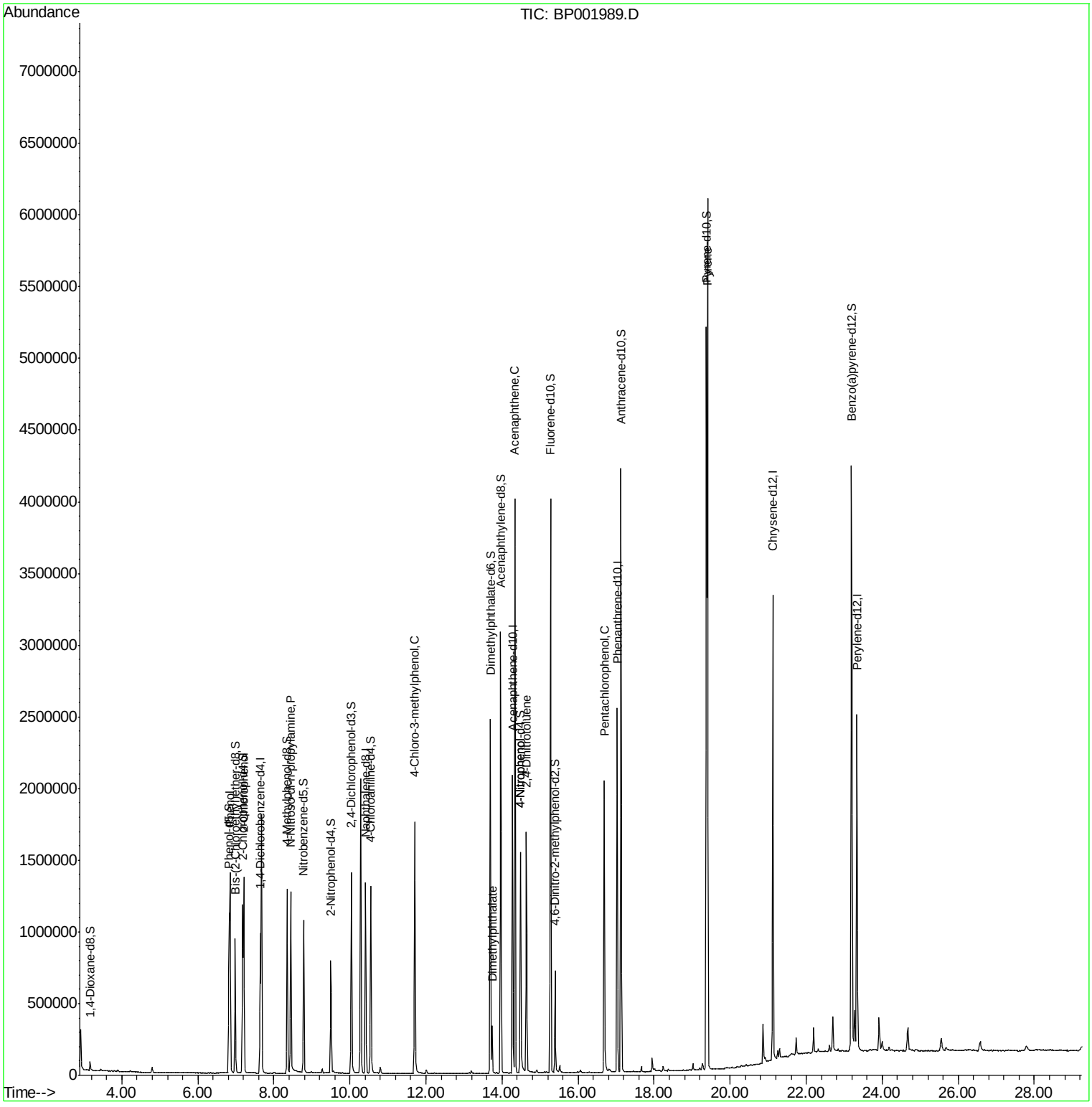
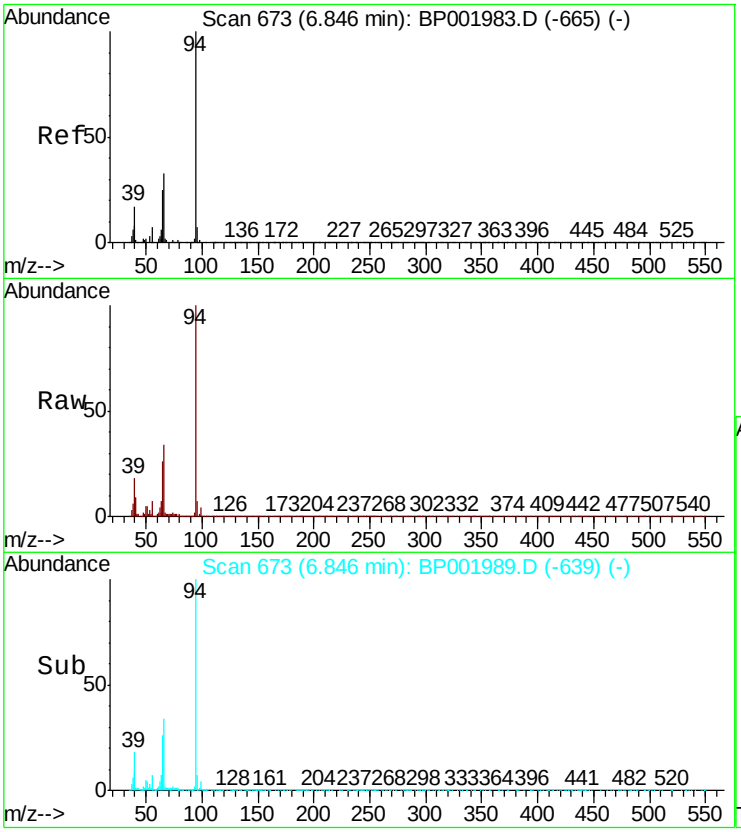


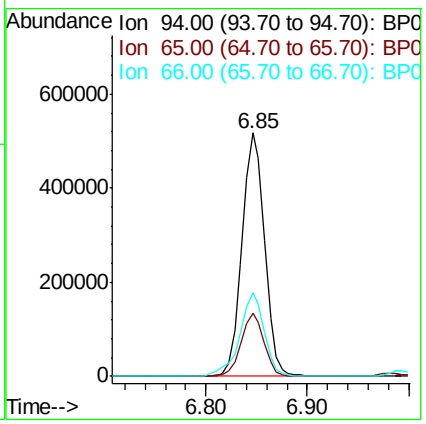


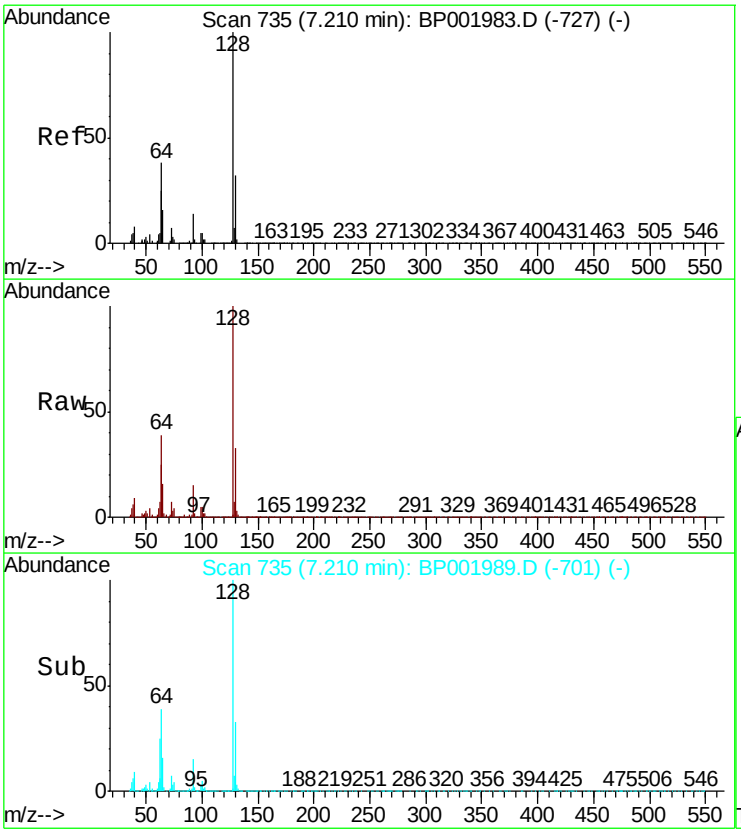
#6
Phenol
Concen: 36.360 ng/ul
RT: 6.85 min Scan# 673
Delta R.T. 0.00 min
Lab File: BP001989.D
Acq: 02 Mar 2020 14:42

Instrument :
BNA_P
ClientSampleId :
DBDP7MSD

Tgt Ion: 94 Resp: 801745

Ion	Ratio	Lower	Upper
94	100		
65	25.7	20.6	30.8
66	34.3	28.2	42.2

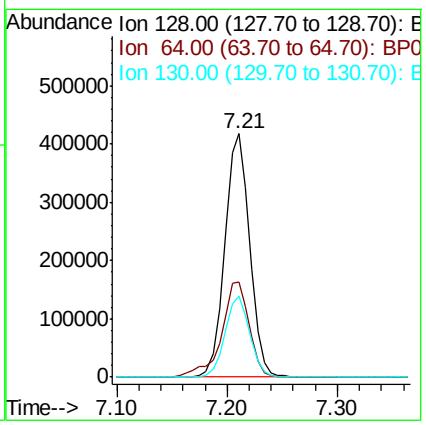


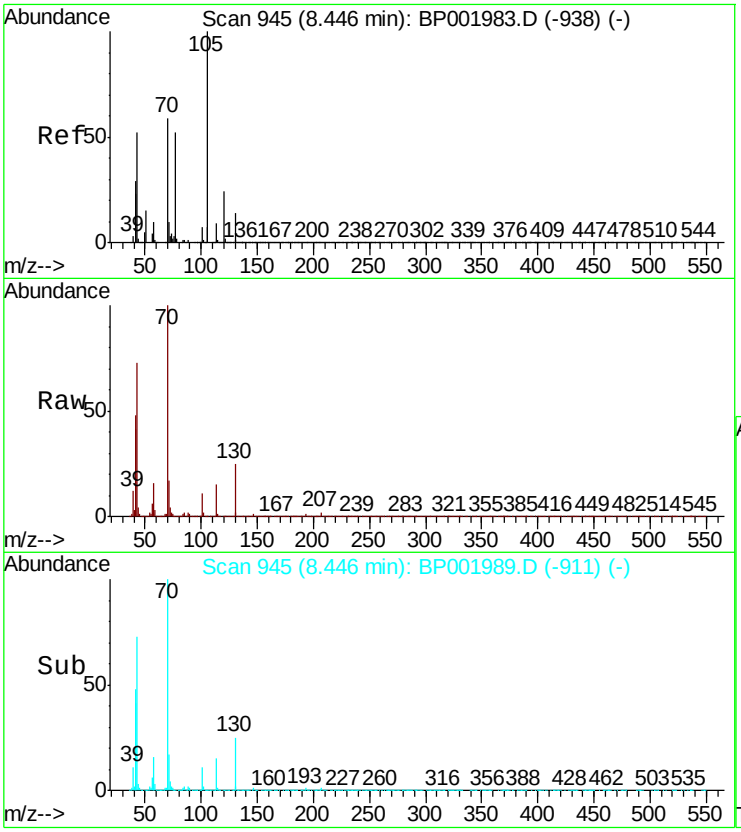


#10
2-Chlorophenol
Concen: 34.931 ng/ul
RT: 7.21 min Scan# 735
Delta R.T. 0.00 min
Lab File: BP001989.D
Acq: 02 Mar 2020 14:42

Tgt Ion:128 Resp: 658003

Ion	Ratio	Lower	Upper
128	100		
64	38.8	31.5	47.3
130	33.1	26.3	39.5



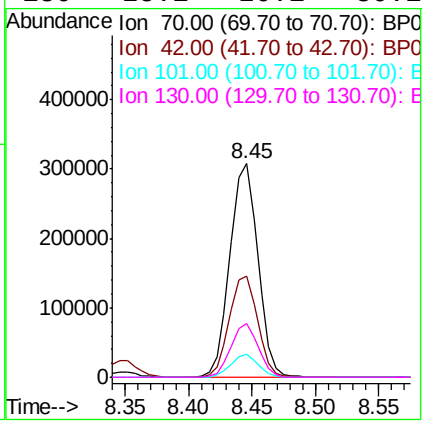


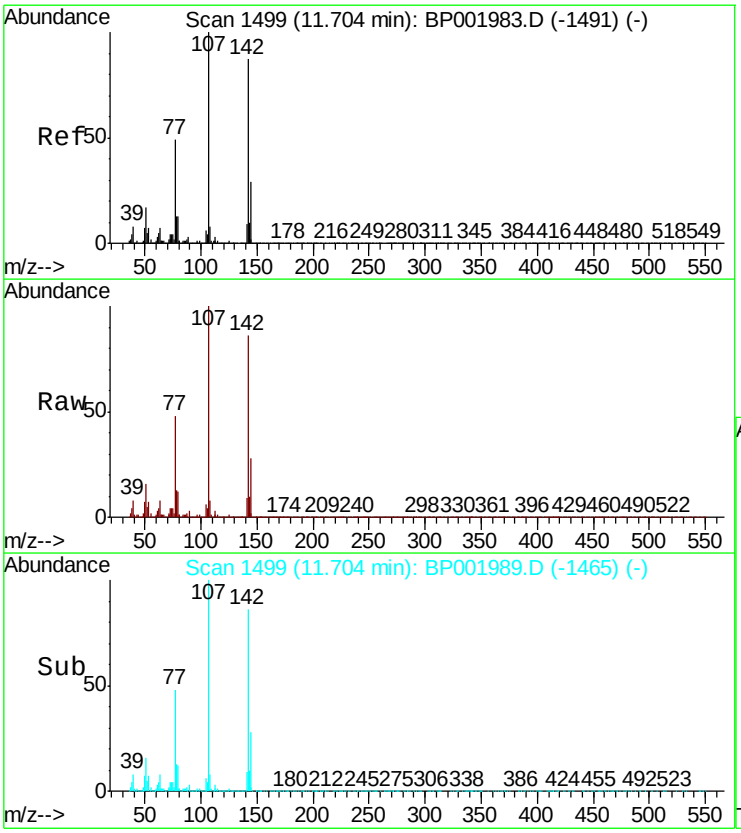
#15
N-Nitroso-di-n-propylamine
Concen: 38.282 ng/ul
RT: 8.45 min Scan# 945
Delta R.T. 0.00 min
Lab File: BP001989.D
Acq: 02 Mar 2020 14:42

Instrument :
BNA_P
ClientSampleId :
DBDP7MSD

Tgt Ion: 70 Resp: 469578

Ion	Ratio	Lower	Upper
70	100		
42	47.6	41.7	62.5
101	10.8	8.1	12.1
130	25.1	20.1	30.1

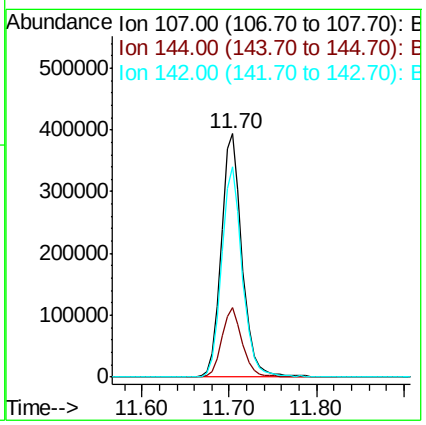


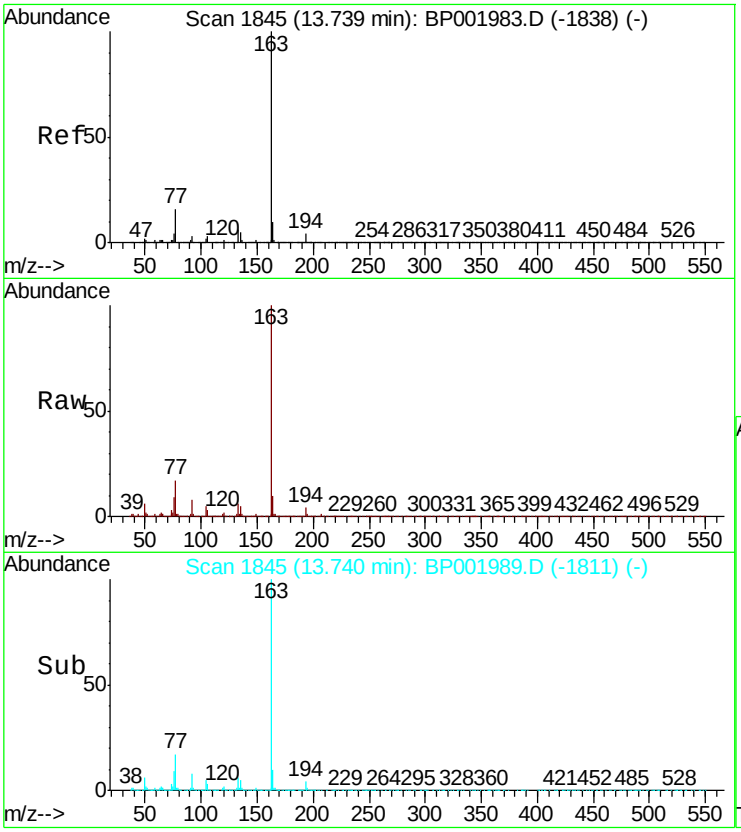


#33
4-Chloro-3-methylphenol
Concen: 34.337 ng/ul
RT: 11.70 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BP001989.D
Acq: 02 Mar 2020 14:42

Tgt Ion:107 Resp: 642408

Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.8	34.2
142	86.1	69.0	103.6



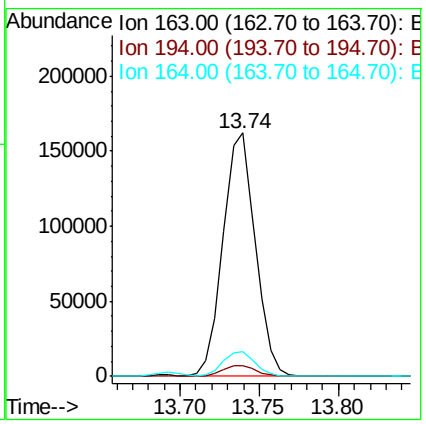


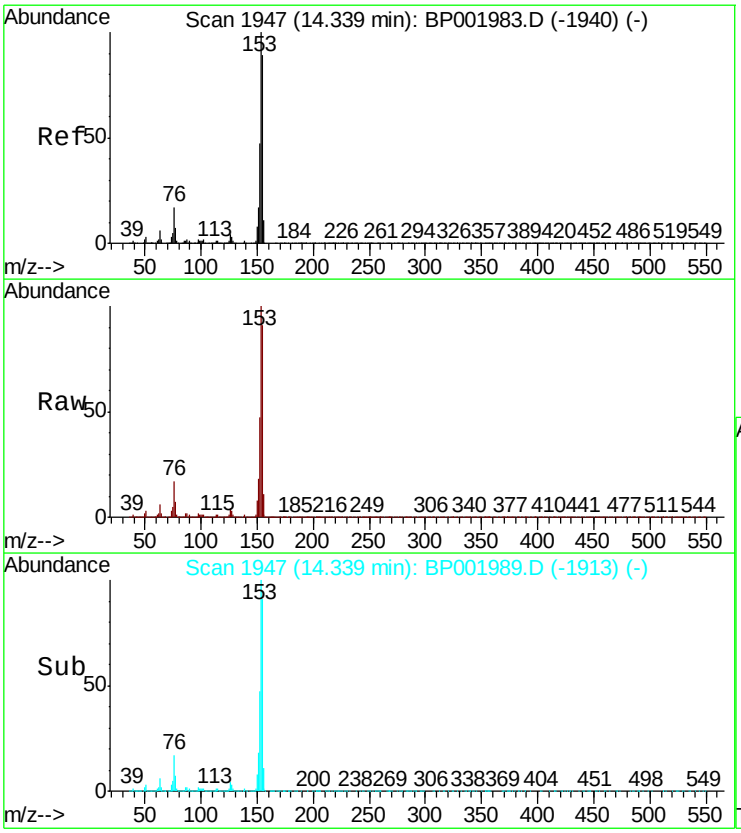
#45
Dimethylphthalate
Concen: 4.089 ng/ul
RT: 13.74 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BP001989.D
Acq: 02 Mar 2020 14:42

Instrument :
BNA_P
ClientSampleId :
DBDP7MSD

Tgt Ion:163 Resp: 228579

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.0	8.2	12.4

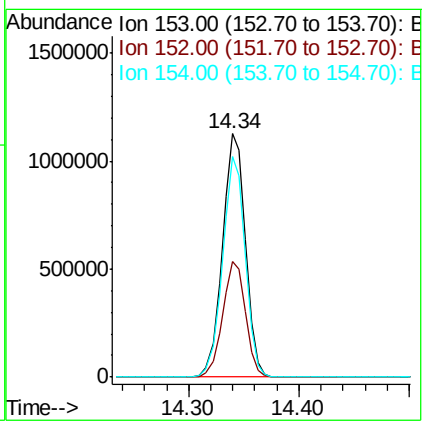


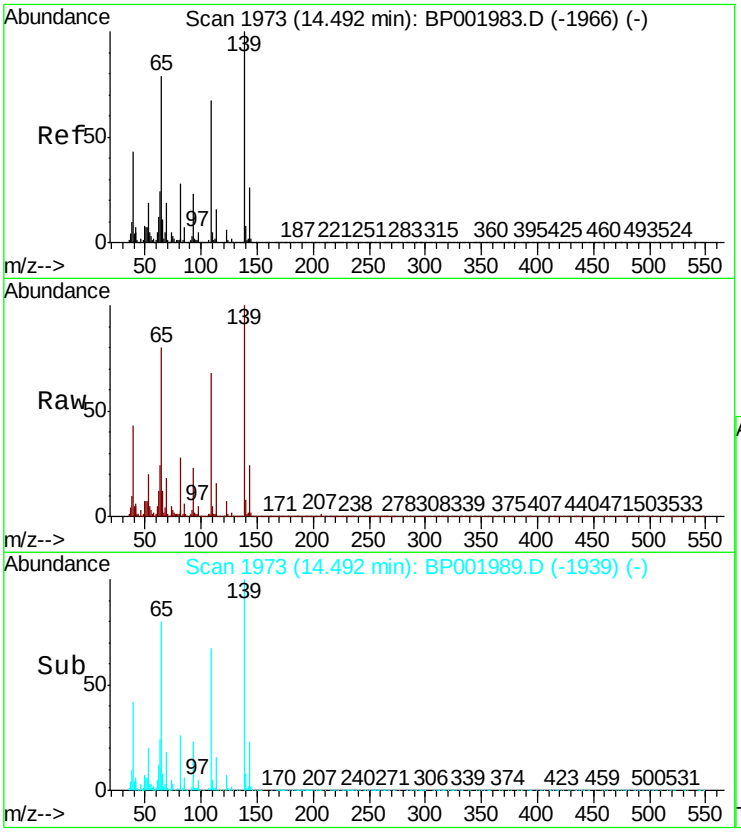


#50
Acenaphthene
Concen: 35.313 ng/ul
RT: 14.34 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BP001989.D
Acq: 02 Mar 2020 14:42

Tgt Ion:153 Resp: 1630622

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.1	55.7
154	90.8	70.5	105.7



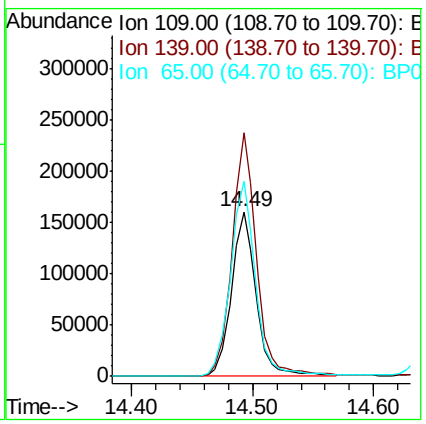


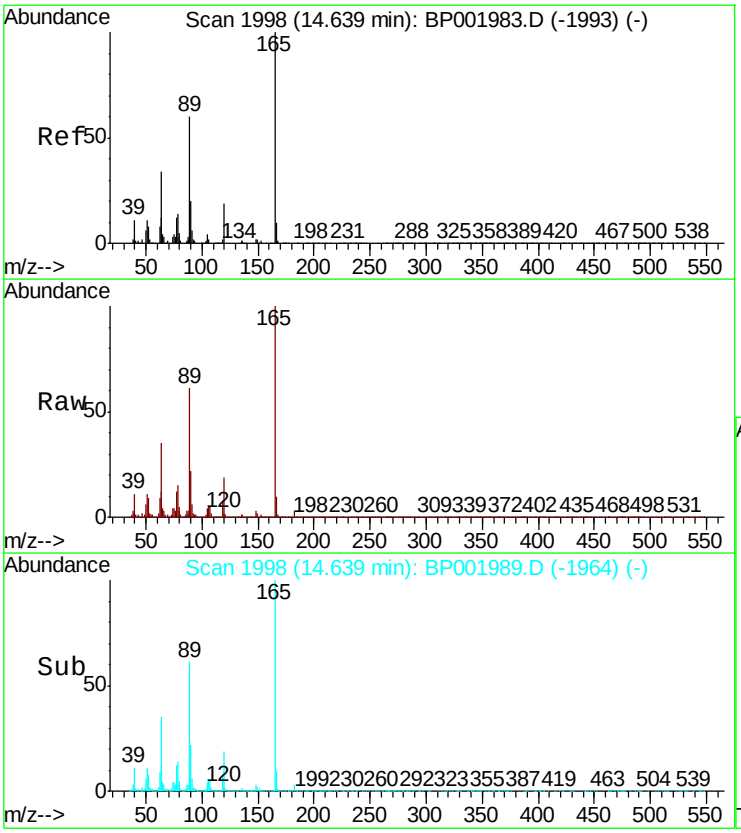
#53
4-Nitrophenol
Concen: 30.539 ng/ul
RT: 14.49 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BP001989.D
Acq: 02 Mar 2020 14:42

Instrument :
BNA_P
ClientSampleId :
DBDP7MSD

Tgt Ion:109 Resp: 228359

Ion	Ratio	Lower	Upper
109	100		
139	148.0	117.2	175.8
65	118.7	95.4	143.0

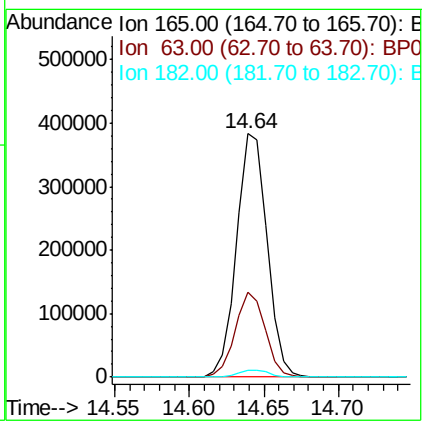


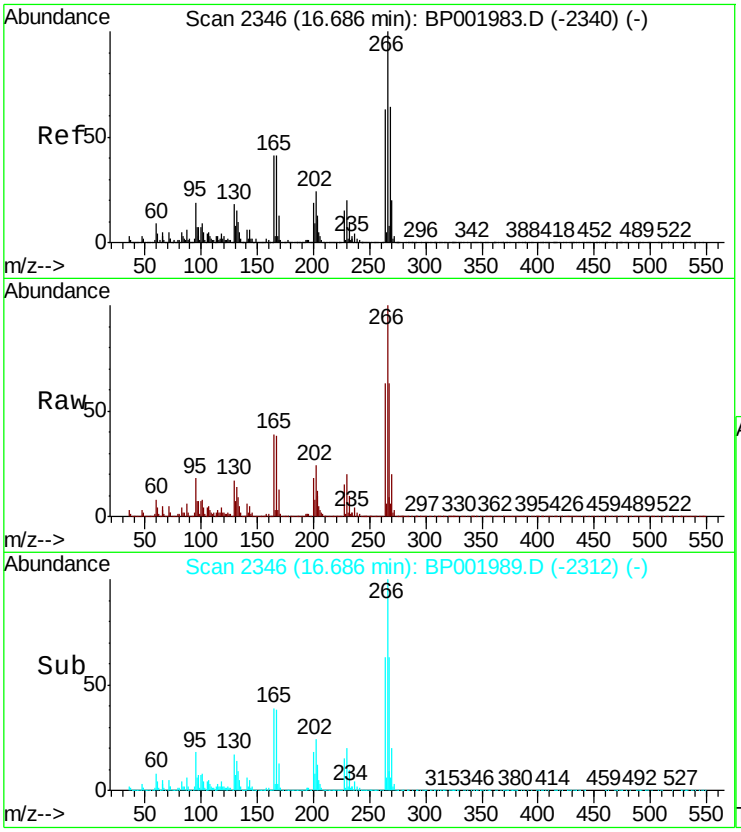


#55
2,4-Dinitrotoluene
Concen: 33.558 ng/ul
RT: 14.64 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BP001989.D
Acq: 02 Mar 2020 14:42

Tgt Ion:165 Resp: 545320

Ion	Ratio	Lower	Upper
165	100		
63	34.8	25.8	38.6
182	2.9	2.6	3.8



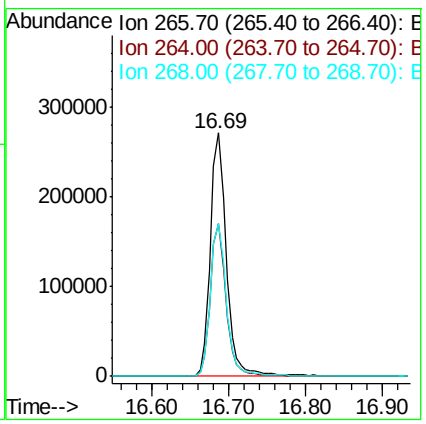


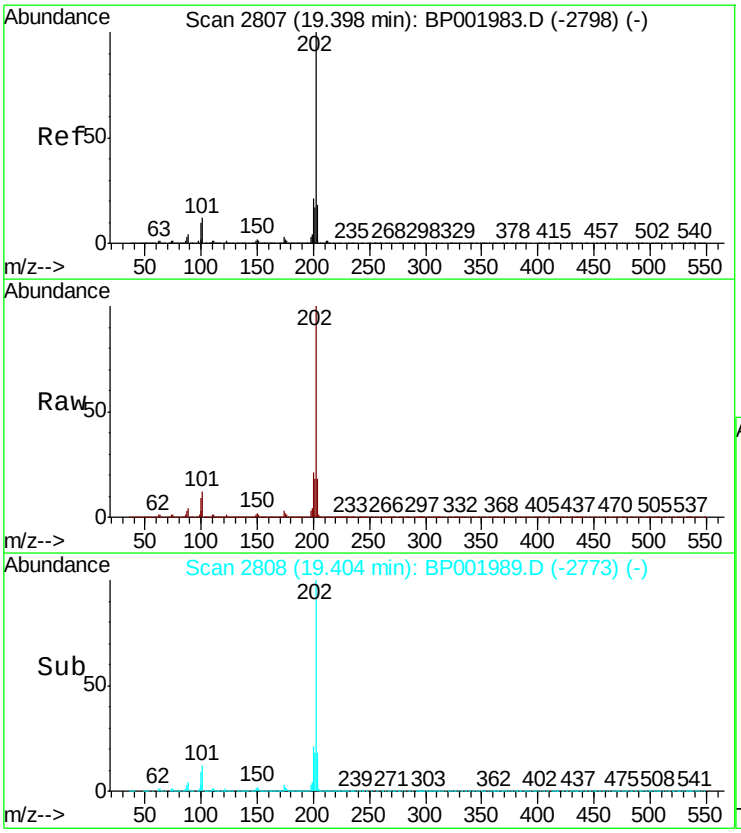
#69
Pentachlorophenol
Concen: 31.096 ng/ul
RT: 16.69 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BP001989.D
Acq: 02 Mar 2020 14:42

Instrument :
BNA_P
ClientSampleId :
DBDP7MSD

Tgt Ion:266 Resp: 388419

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.1	75.1
268	63.0	50.3	75.5





#80
Pyrene
Concen: 35.539 ng/ul
RT: 19.40 min Scan# 2808
Delta R.T. 0.01 min
Lab File: BP001989.D
Acq: 02 Mar 2020 14:42

Tgt Ion:202 Resp: 3678512

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.3	13.9
100	9.5	7.6	11.4