Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009916.D
Acq On : 26 Feb 2020 00:44
Operator : CG/JU
Sample : L1568-11MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDB2MSD

Quant Time: Feb 26 08:13:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	90858	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	361658	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	215193	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	459451	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	458517	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	457805	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	13231	5.99	ng/uL	0.00
5) Phenol-d5	6.59	99	254133	32.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	188749	35.39	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	207531	35.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	180421	29.35	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	101361	38.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	115529	39.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	200472	36.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	191593	30.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	614256	38.22	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	731518	38.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	94214	32.09	ng/ul	0.00
58) Fluorene-d10	15.03	176	537718	38.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	89117	31.22	ng/ul	0.00
71) Anthracene-d10	16.88	188	833813	39.59	ng/ul	0.00
79) Pyrene-d10	19.19	212	949829	39.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	989566	43.28	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.61	94	326847	39.466	ng/ul	95
10) 2-Chlorophenol	6.96	128	243010	39.652	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.19	70	218578	41.760	ng/ul	98
33) 4-Chloro-3-methylphenol	11.45	107	274171	42.709	ng/ul	98
45) Dimethylphthalate	13.50	163	96234	5.738	ng/ul	99
50) Acenaphthene	14.09	153	574867	40.927	ng/ul	100
53) 4-Nitrophenol	14.29	109	116420	43.951	ng/ul	90
55) 2,4-Dinitrotoluene	14.43	165	207003	42.539	ng/ul#	78
69) Pentachlorophenol	16.45	266	122441	41.649	ng/ul	97
80) Pyrene	19.22	202	1395429	42.213	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.94	149	26401	1.272	ng/ul	93

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

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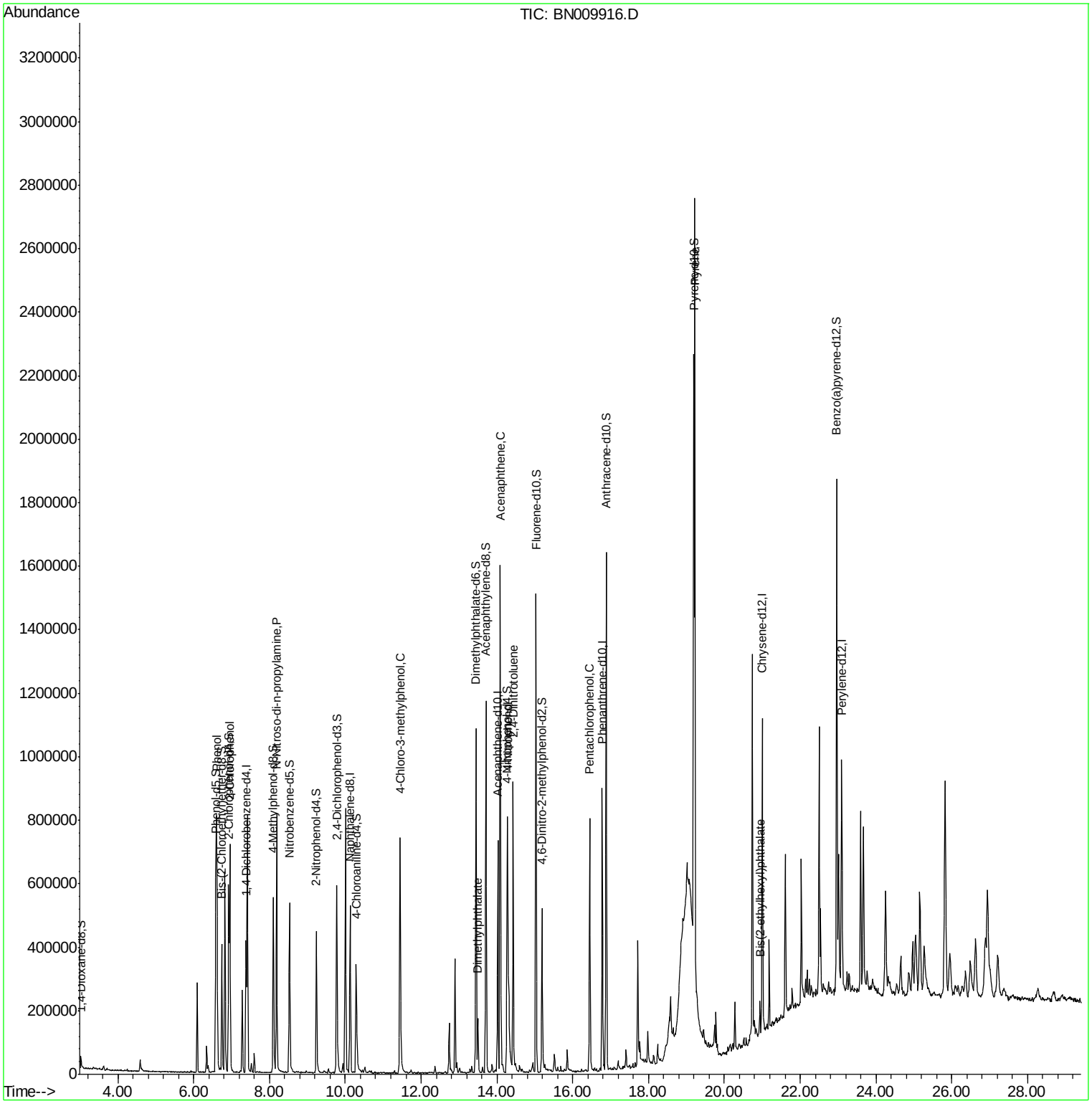
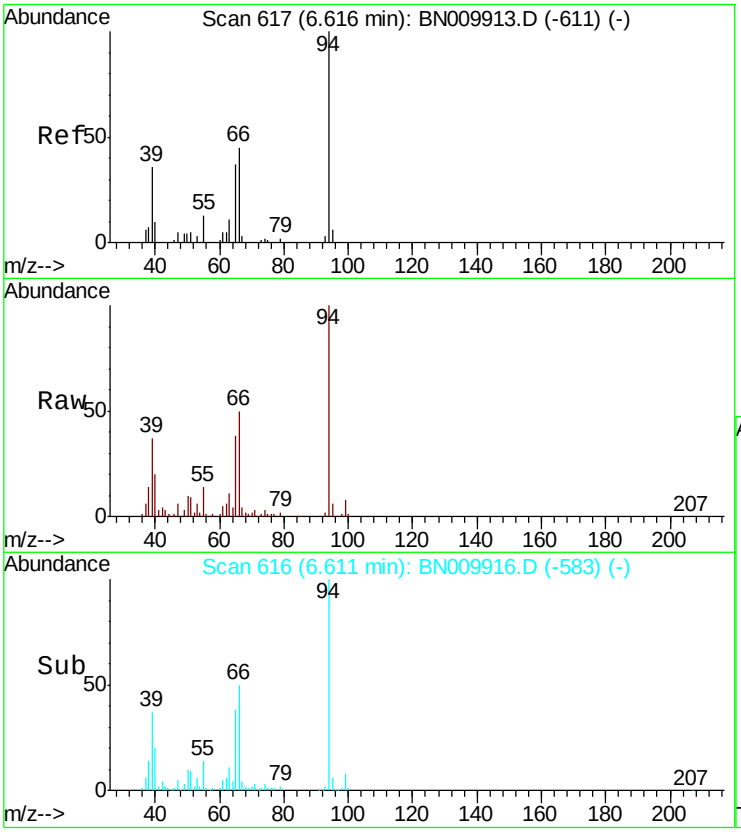
Acq On : 26 Feb 2020 00:44
Operator : CG/JU
Sample : L1568-11MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDB2MSD

Quant Time: Feb 26 08:13:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration



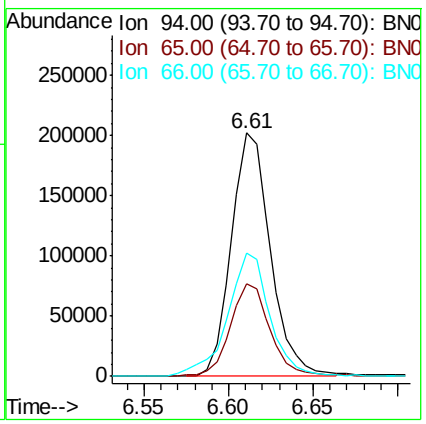


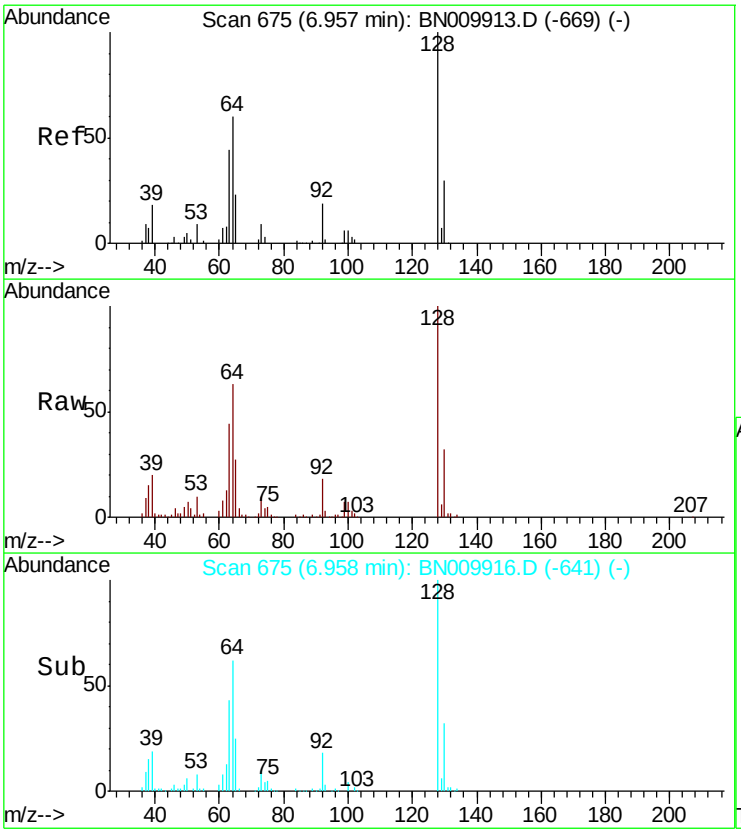
#6
Phenol
Concen: 39.466 ng/ul
RT: 6.61 min Scan# 616
Delta R.T. -0.01 min
Lab File: BN009916.D
Acq: 26 Feb 2020 00:44

Instrument :
BNA_N
ClientSampleId :
DBDB2MSD

Tgt Ion: 94 Resp: 326847

Ion	Ratio	Lower	Upper
94	100		
65	38.2	27.6	41.4
66	50.4	38.5	57.7

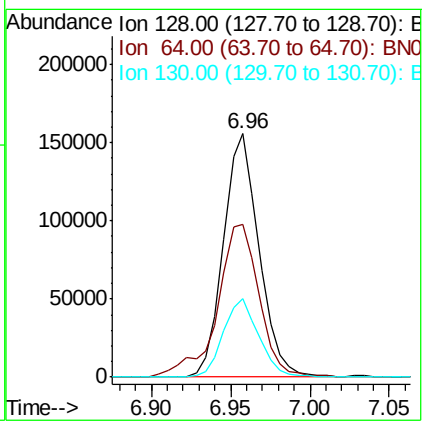


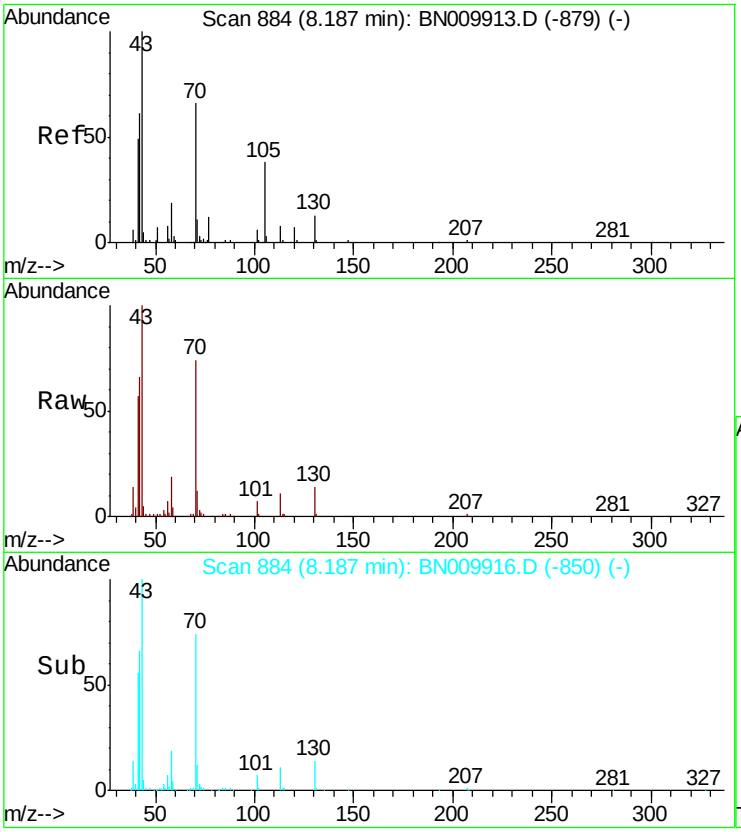


#10
2-Chlorophenol
Concen: 39.652 ng/ul
RT: 6.96 min Scan# 675
Delta R.T. 0.00 min
Lab File: BN009916.D
Acq: 26 Feb 2020 00:44

Tgt Ion:128 Resp: 243010

Ion	Ratio	Lower	Upper
128	100		
64	62.8	52.5	78.7
130	32.1	24.4	36.6



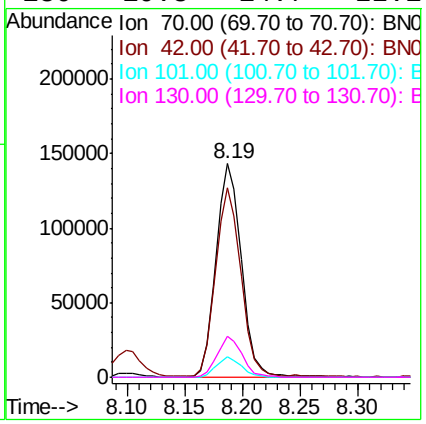


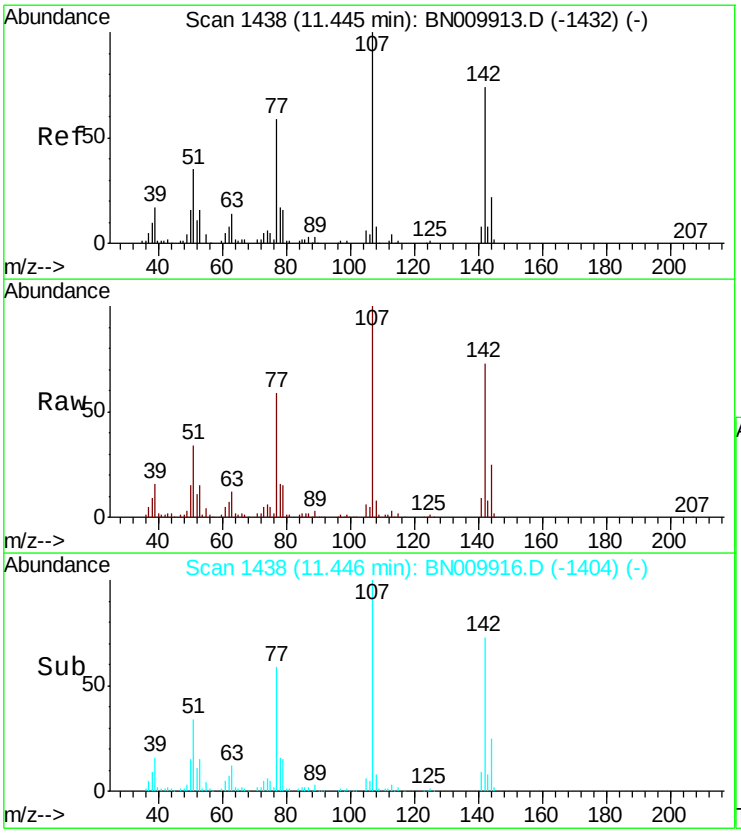
#15
N-Nitroso-di-n-propylamine
Concen: 41.760 ng/ul
RT: 8.19 min Scan# 884
Delta R.T. 0.00 min
Lab File: BN009916.D
Acq: 26 Feb 2020 00:44

Instrument :
BNA_N
ClientSampleId :
DBDB2MSD

Tgt Ion: 70 Resp: 218578

Ion	Ratio	Lower	Upper
70	100		
42	88.4	72.6	108.8
101	9.4	7.7	11.5
130	19.3	14.7	22.1

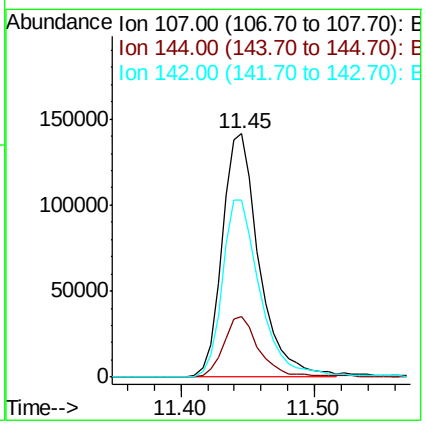


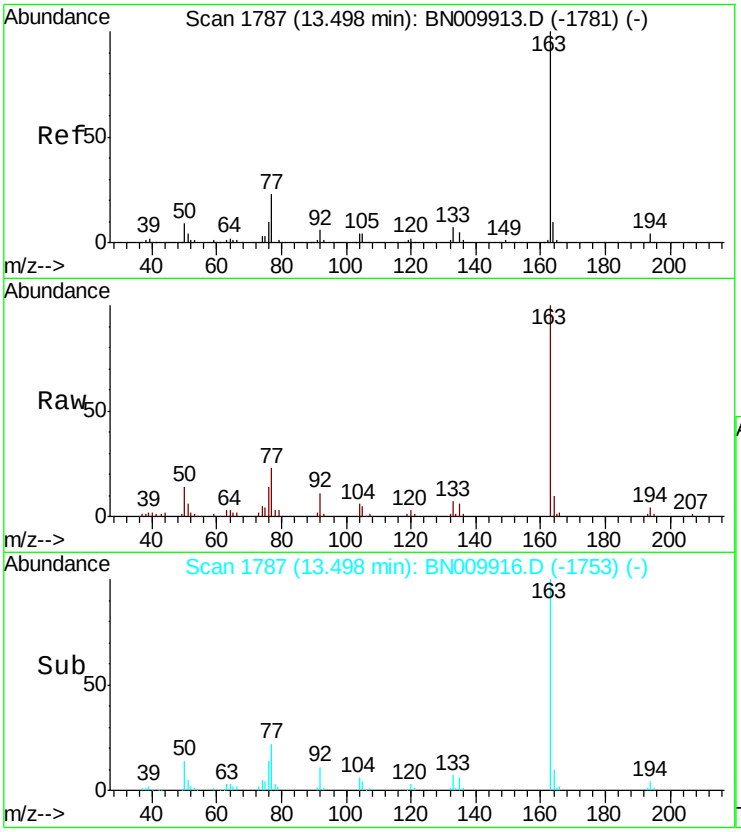


#33
4-Chloro-3-methylphenol
Concen: 42.709 ng/ul
RT: 11.45 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BN009916.D
Acq: 26 Feb 2020 00:44

Tgt Ion:107 Resp: 274171

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.3	28.9
142	72.6	59.5	89.3



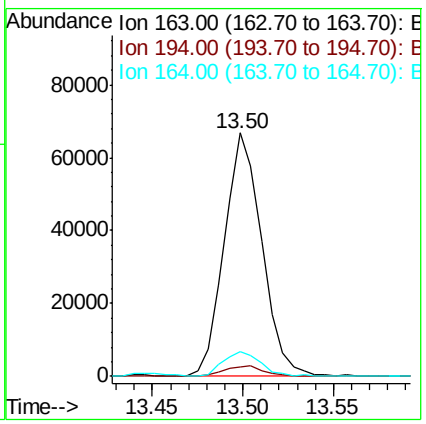


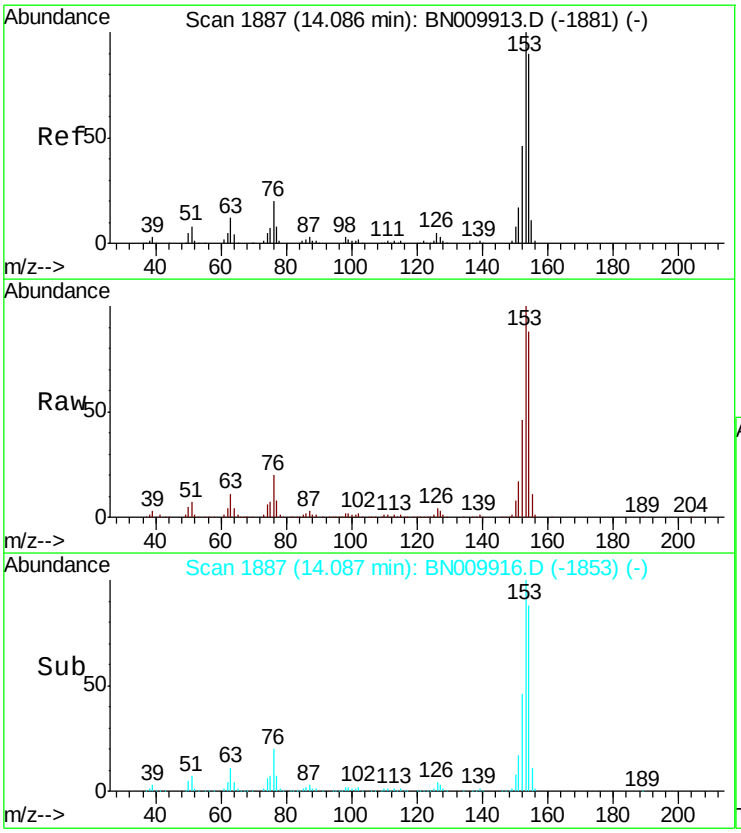
#45
Dimethylphthalate
Concen: 5.738 ng/ul
RT: 13.50 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BN009916.D
Acq: 26 Feb 2020 00:44

Instrument :
BNA_N
ClientSampleId :
DBDB2MSD

Tgt Ion:163 Resp: 96234

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.2	8.0	12.0

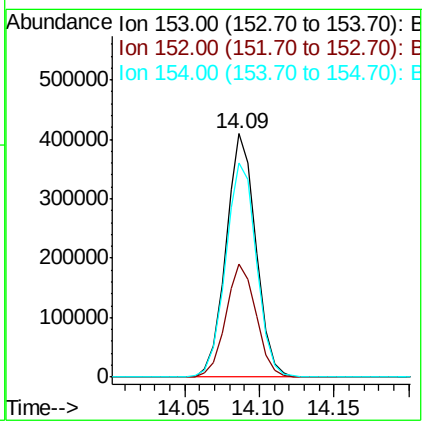


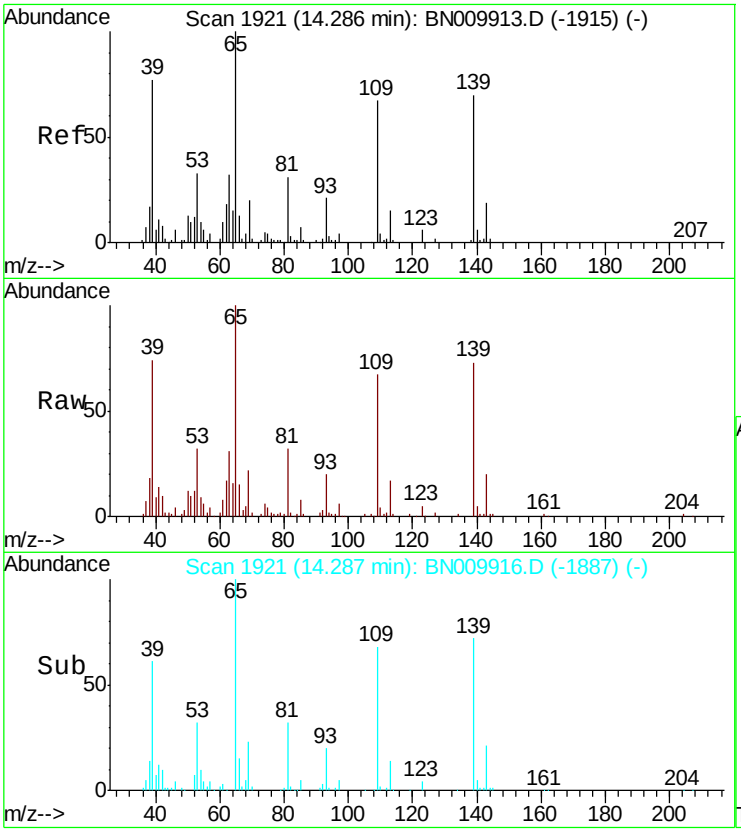


#50
Acenaphthene
Concen: 40.927 ng/ul
RT: 14.09 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BN009916.D
Acq: 26 Feb 2020 00:44

Tgt Ion:153 Resp: 574867

Ion	Ratio	Lower	Upper
153	100		
152	46.4	36.6	54.8
154	88.2	70.6	106.0



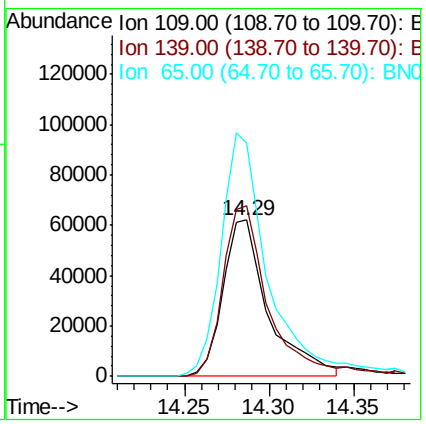


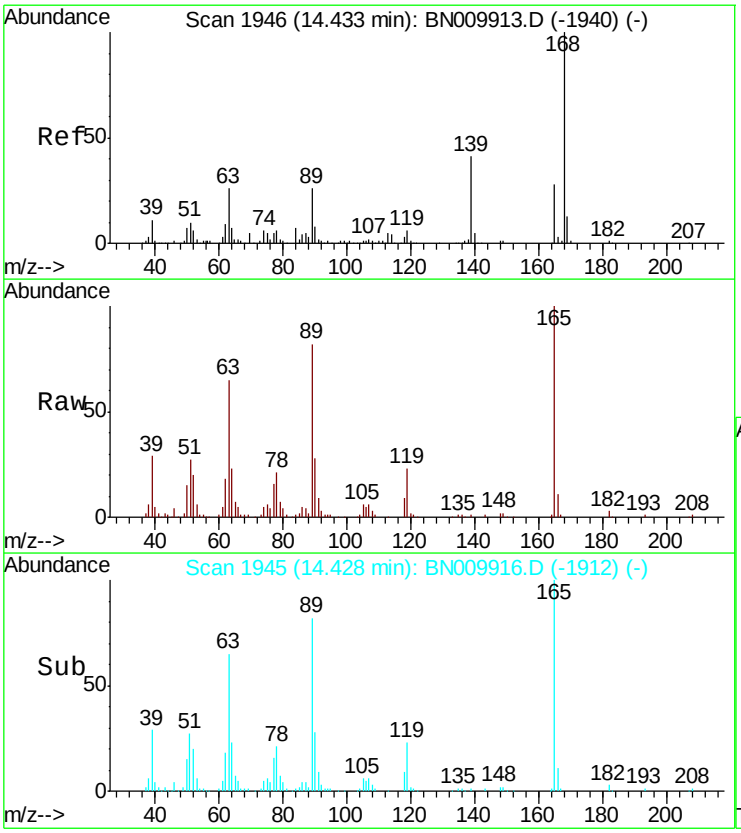
#53
4-Nitrophenol
Concen: 43.951 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BN009916.D
Acq: 26 Feb 2020 00:44

Instrument :
BNA_N
ClientSampleId :
DBDB2MSD

Tgt Ion:109 Resp: 116420

Ion	Ratio	Lower	Upper
109	100		
139	109.1	96.3	144.5
65	149.3	129.9	194.9

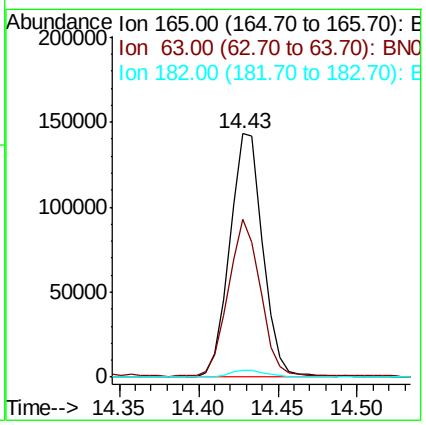


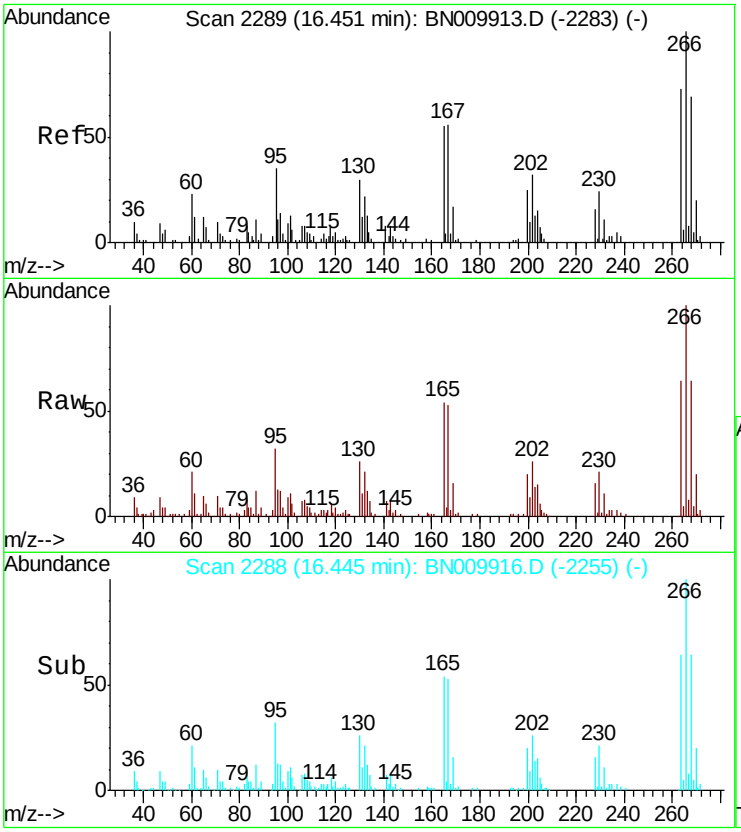


#55
2,4-Dinitrotoluene
Concen: 42.539 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BN009916.D
Acq: 26 Feb 2020 00:44

Tgt Ion:165 Resp: 207003

Ion	Ratio	Lower	Upper
165	100		
63	64.7	68.3	102.5#
182	2.8	2.2	3.4



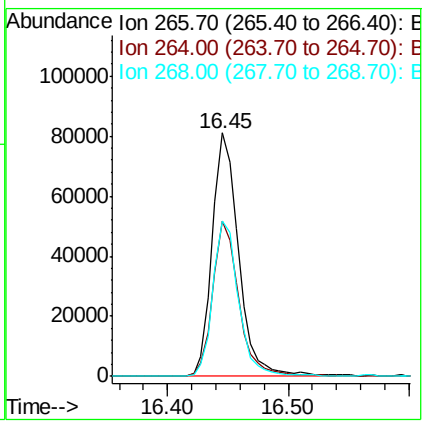


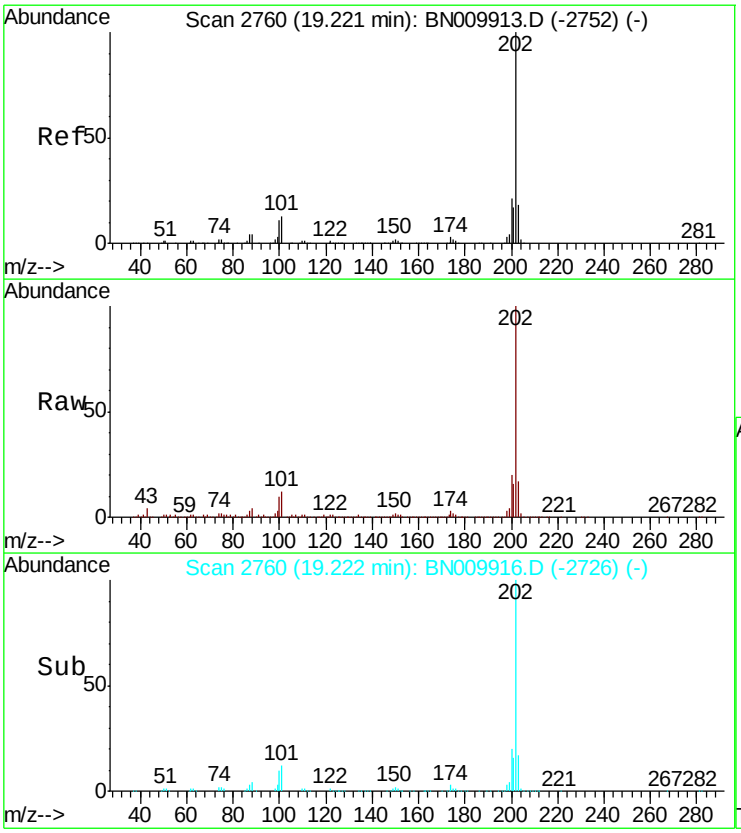
#69
Pentachlorophenol
Concen: 41.649 ng/ul
RT: 16.45 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BN009916.D
Acq: 26 Feb 2020 00:44

Instrument :
BNA_N
ClientSampleId :
DBDB2MSD

Tgt Ion:266 Resp: 122441

Ion	Ratio	Lower	Upper
266	100		
264	63.9	52.9	79.3
268	63.5	52.5	78.7

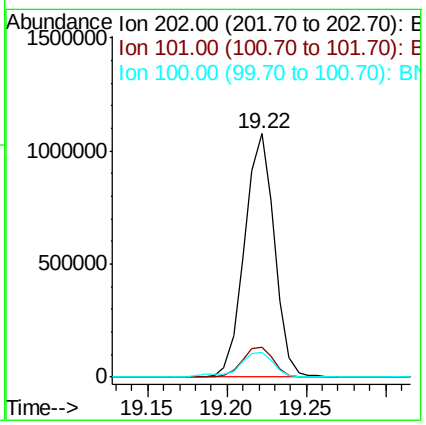


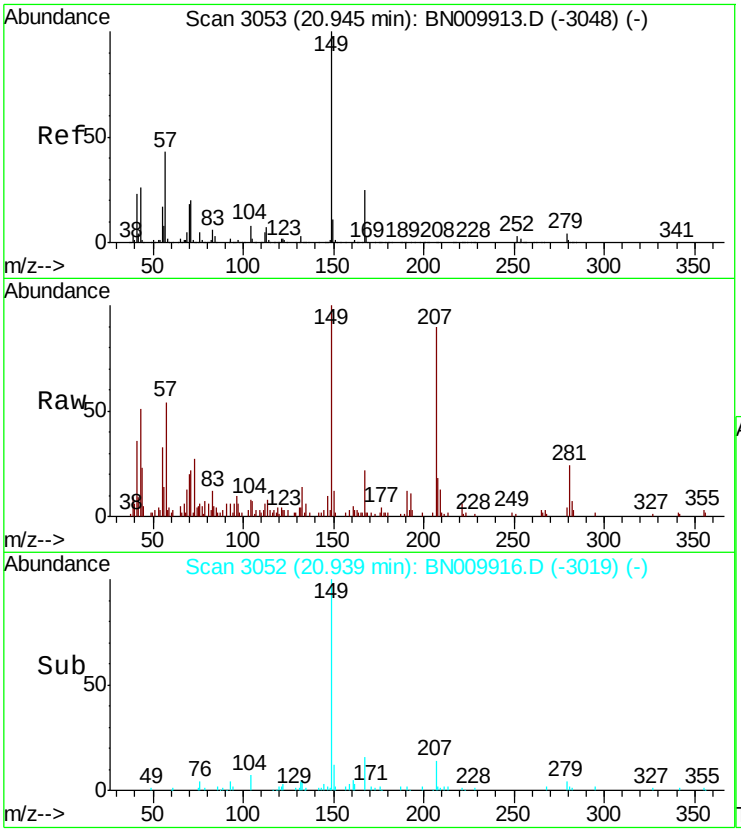


#80
Pyrene
Concen: 42.213 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. 0.00 min
Lab File: BN009916.D
Acq: 26 Feb 2020 00:44

Tgt Ion:202 Resp: 1395429

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.3	16.9
100	10.4	9.0	13.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 1.272 ng/ul
RT: 20.94 min Scan# 3052
Delta R.T. -0.01 min
Lab File: BN009916.D
Acq: 26 Feb 2020 00:44

Instrument :
BNA_N
ClientSampleId :
DBDB2MSD

Tgt Ion:149 Resp: 26401

Ion	Ratio	Lower	Upper
149	100		
167	22.1	21.0	31.6
279	4.2	3.0	4.6