Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005460.D
Acq On : 03 May 2019 19:55
Operator : JU/SJ
Sample : K2604-16MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88MSD

Quant Time: May 04 00:58:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	309448	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1402375	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	888866	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2050843	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1779602	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1656115	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	22742	3.55	ng/uL	0.00
5) Phenol-d5	6.78	99	735907	30.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	400903	26.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	571592	30.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	659123	34.69	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	325241	37.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	374194	42.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	690790	34.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	874304	42.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2200741	34.11	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	2731432	34.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	325935	31.99	ng/ul	0.00
57) Fluorene-d10	15.22	176	1892059	34.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	241551	26.19	ng/ul	0.00
70) Anthracene-d10	17.07	188	2957487	34.40	ng/ul	0.00
78) Pyrene-d10	19.39	212	3213451	35.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2558271	35.35	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.80	94	898236	35.931	ng/ul	96
10) 2-Chlorophenol	7.16	128	600120	31.209	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.39	70	558281	34.325	ng/ul	89
28) Naphthalene	10.40	128	399206	6.123	ng/ul	99
33) 4-Chloro-3-methylphenol	11.65	107	820332	36.803	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	90611	1.368	ng/ul	99
44) Dimethylphthalate	13.69	163	786938	12.240	ng/ul	100
47) Acenaphthylene	13.94	152	92730	1.191	ng/ul#	96
49) Acenaphthene	14.29	153	1873675	35.240	ng/ul	99
52) 4-Nitrophenol	14.46	109	287431	31.081	ng/ul	95
53) Dibenzofuran	14.63	168	153968	2.011	ng/ul	96
54) 2,4-Dinitrotoluene	14.60	165	682552	42.649	ng/ul	88
56) Diethylphthalate	15.06	149	75288	1.168	ng/ul	96
58) Fluorene	15.28	166	806859	13.507	ng/ul	99
68) Pentachlorophenol	16.63	266	430934	33.453	ng/ul	97
69) Phenanthrene	17.02	178	651452	6.522	ng/ul	98
71) Anthracene	17.11	178	1473278	14.480	ng/ul	99
74) Carbazole	17.39	167	3242155	37.094	ng/ul	99
76) Fluoranthene	19.06	202	200214	1.807	ng/ul#	93
79) Pyrene	19.42	202	4371006	38.147	ng/ul	96

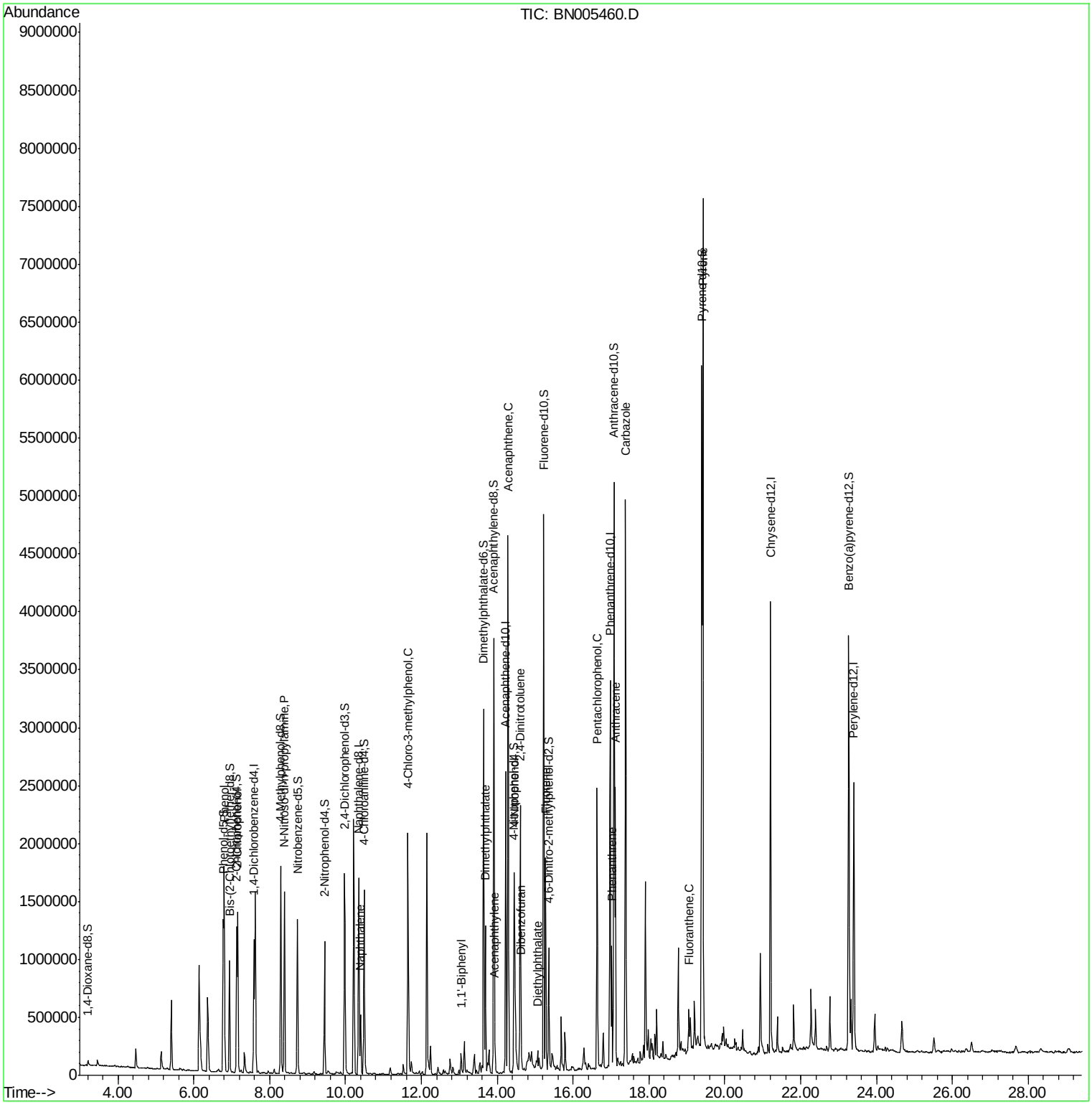
(#) = qualifier out of range (m) = manual integration (+) = signals summed

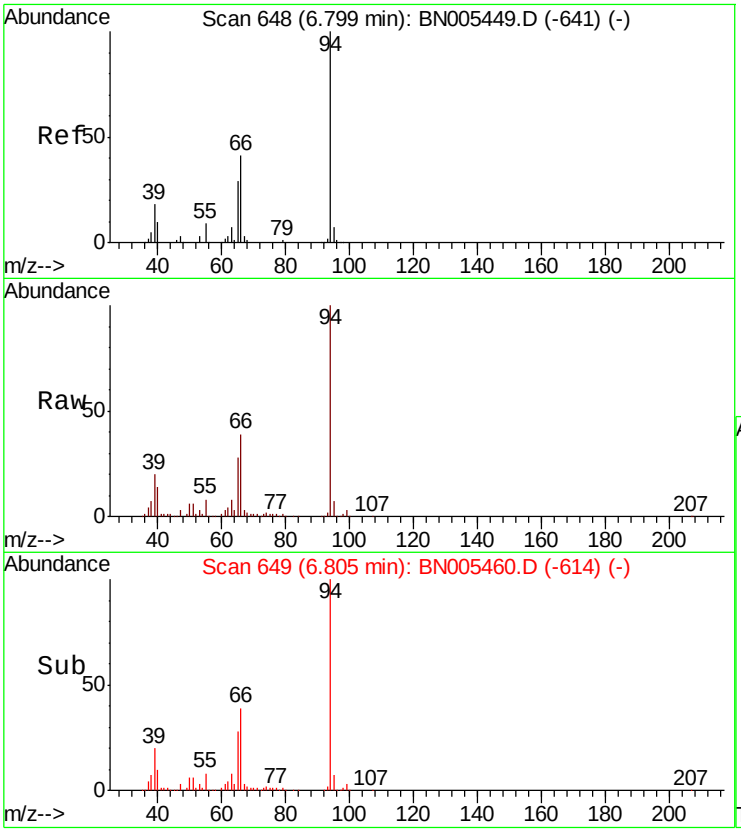
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005460.D
Acq On : 03 May 2019 19:55
Operator : JU/SJ
Sample : K2604-16MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88MSD

Quant Time: May 04 00:58:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration



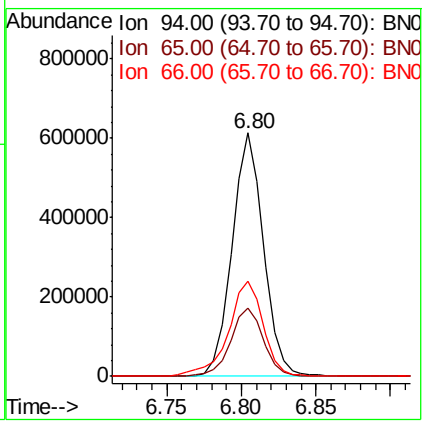


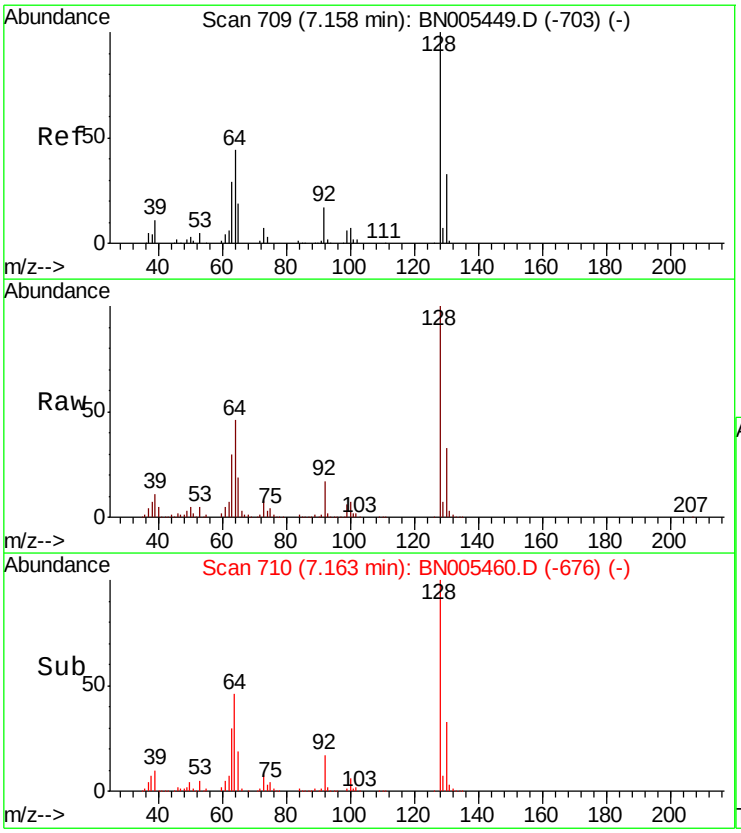
#6
Phenol
Concen: 35.931 ng/ul
RT: 6.80 min Scan# 649
Delta R.T. 0.01 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Instrument :
BNA_N
ClientSampleId :
GAJ88MSD

Tgt Ion: 94 Resp: 898236

Ion	Ratio	Lower	Upper
94	100		
65	28.2	24.2	36.4
66	39.2	33.8	50.6

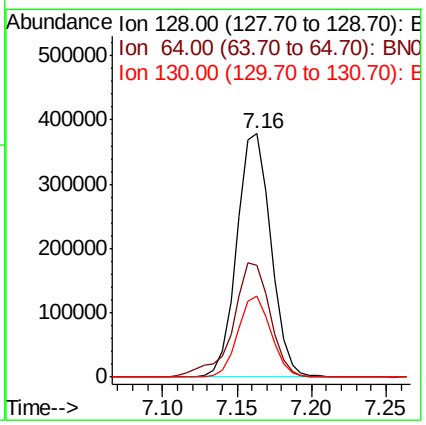


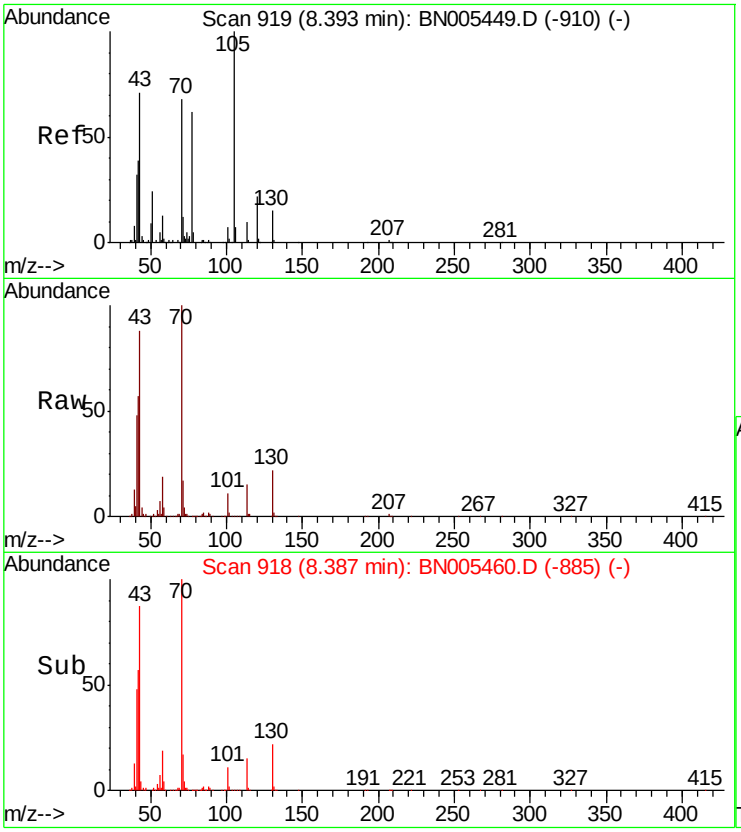


#10
2-Chlorophenol
Concen: 31.209 ng/ul
RT: 7.16 min Scan# 710
Delta R.T. -0.00 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Tgt Ion:128 Resp: 600120

Ion	Ratio	Lower	Upper
128	100		
64	45.9	42.3	63.5
130	33.3	26.5	39.7



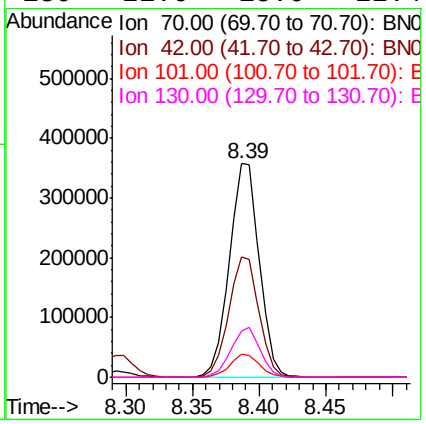


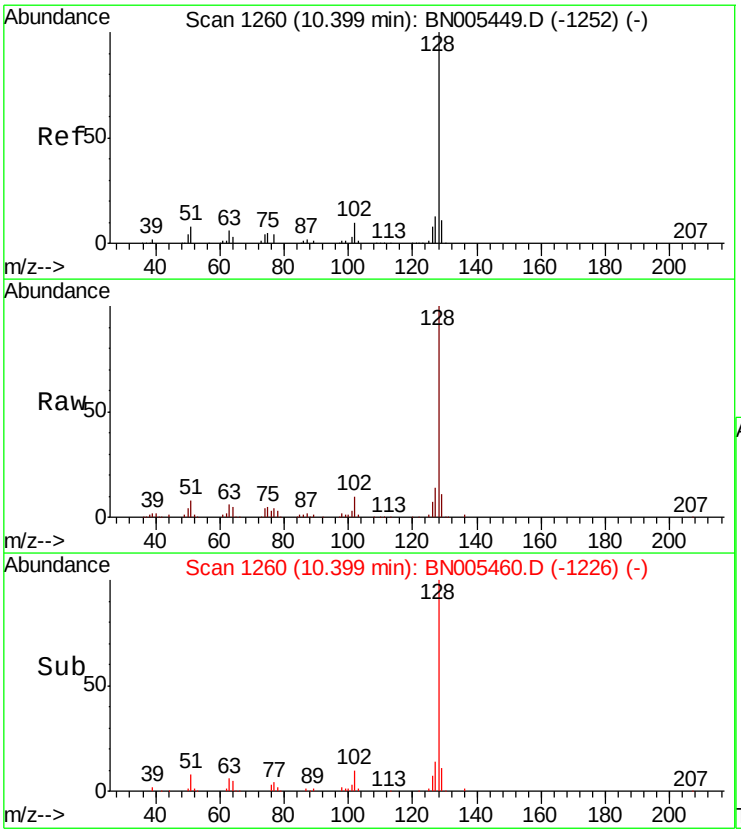
#15
N-Nitroso-di-n-propylamine
Concen: 34.325 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Instrument :
BNA_N
ClientSampleId :
GAJ88MSD

Tgt Ion: 70 Resp: 558281

Ion	Ratio	Lower	Upper
70	100		
42	56.6	53.8	80.8
101	10.9	7.7	11.5
130	21.6	15.0	22.4

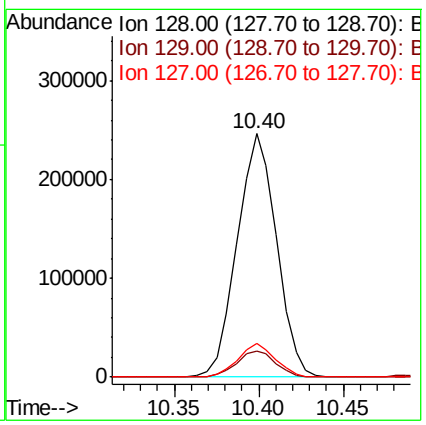


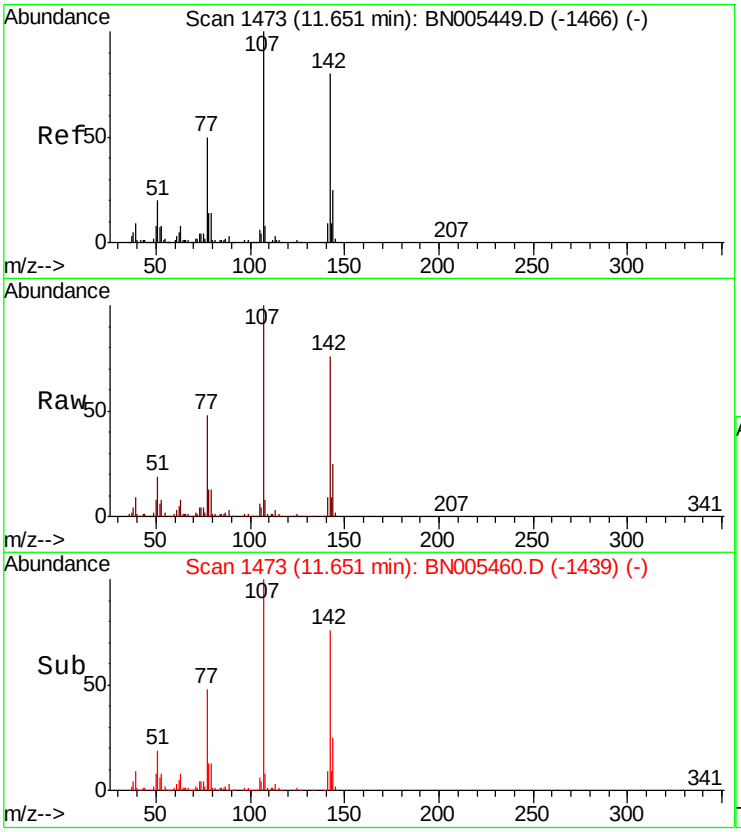


#28
Naphthalene
Concen: 6.123 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Tgt Ion:128 Resp: 399206

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.2	13.8
127	13.6	10.7	16.1



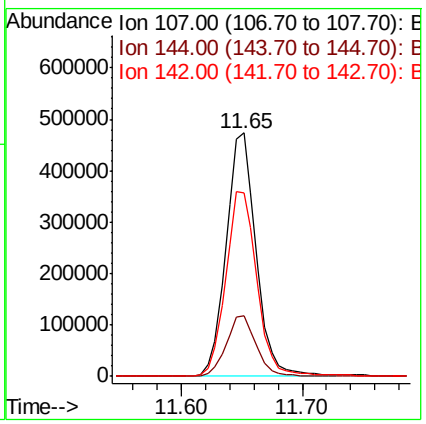


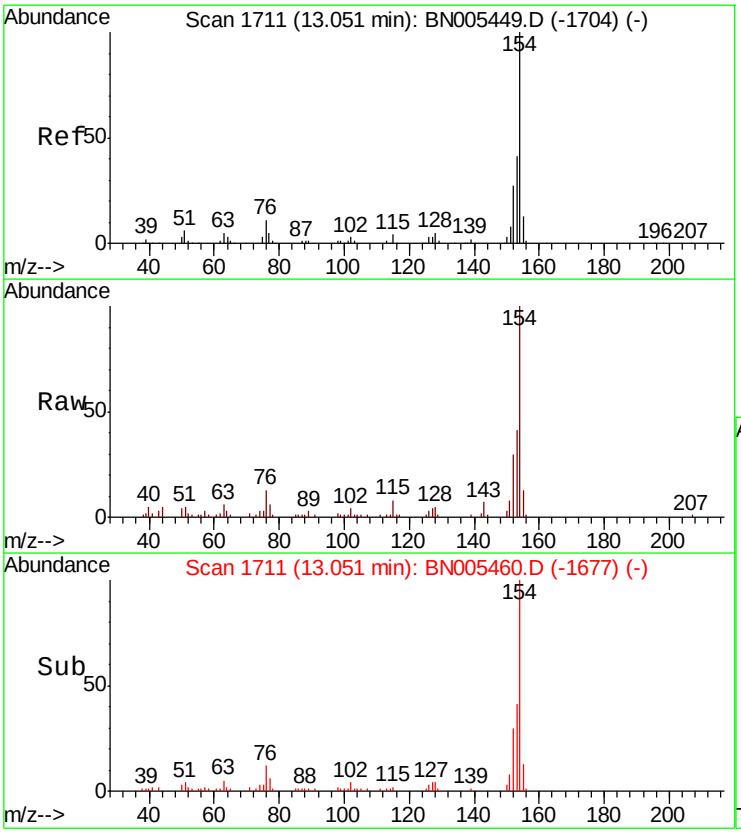
#33
4-Chloro-3-methylphenol
Concen: 36.803 ng/ul
RT: 11.65 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Instrument :
BNA_N
ClientSampleId :
GAJ88MSD

Tgt Ion:107 Resp: 820332

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.4	29.0
142	75.5	57.7	86.5

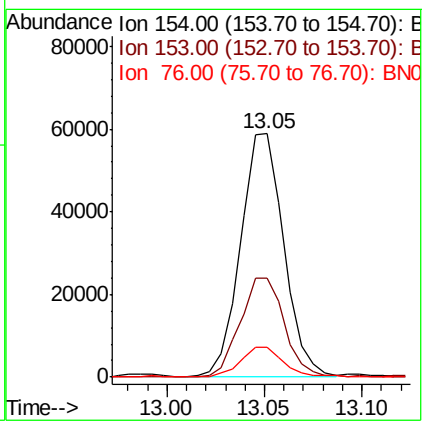


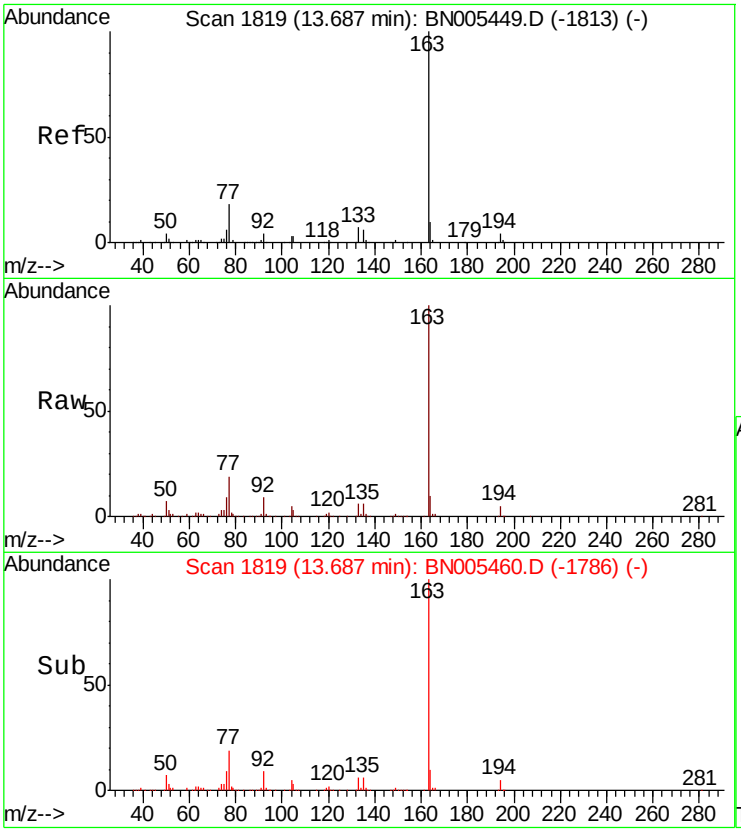


#40
1,1'-Biphenyl
Concen: 1.368 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Tgt Ion:154 Resp: 90611

Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.6	49.0
76	12.5	10.4	15.6



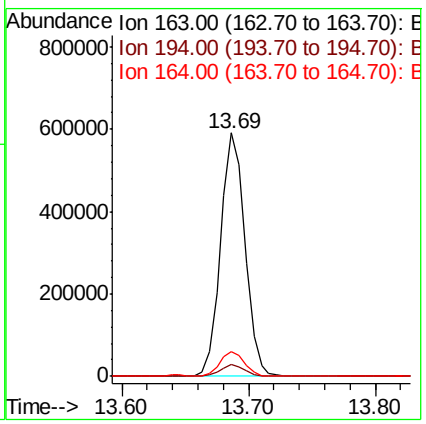


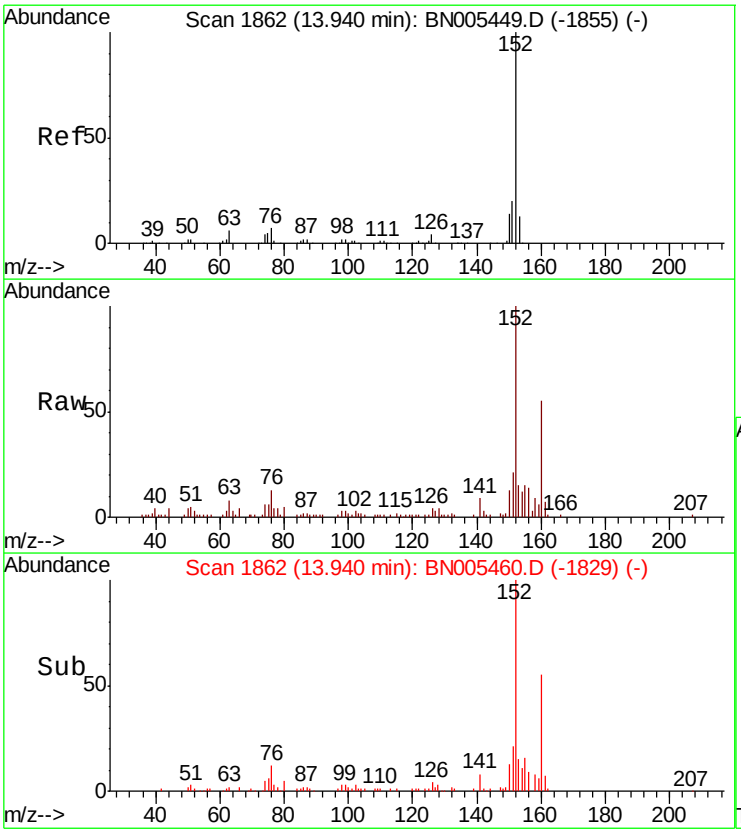
#44
Dimethylphthalate
Concen: 12.240 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Instrument :
BNA_N
ClientSampleId :
GAJ88MSD

Tgt Ion:163 Resp: 786938

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.1	8.1	12.1

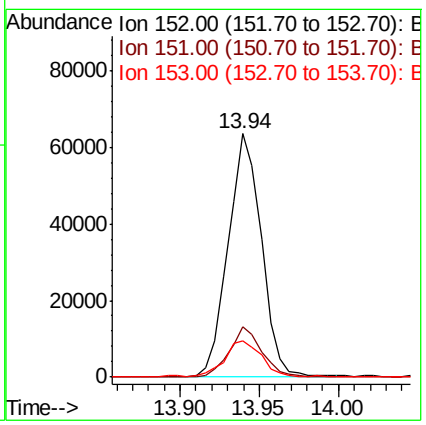


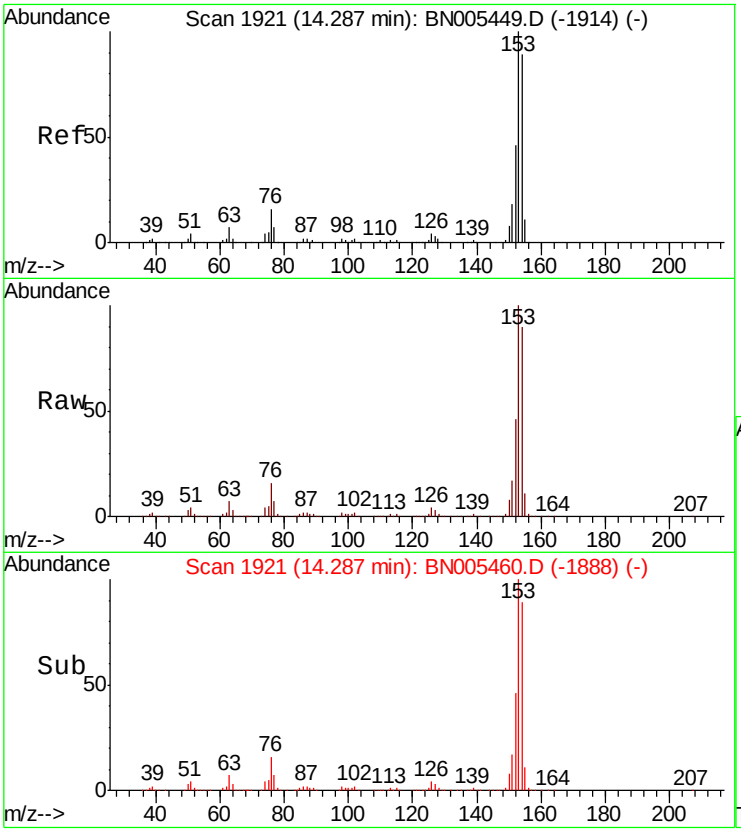


#47
Acenaphthylene
Concen: 1.191 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Tgt Ion:152 Resp: 92730

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.8
153	15.1	9.8	14.8#



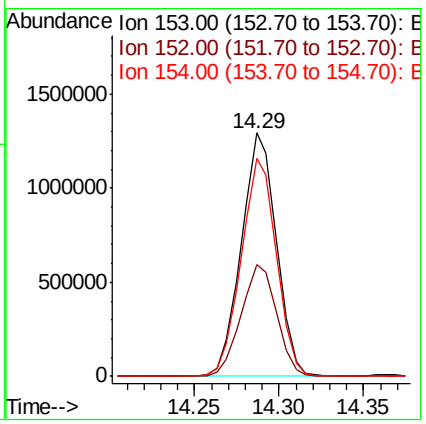


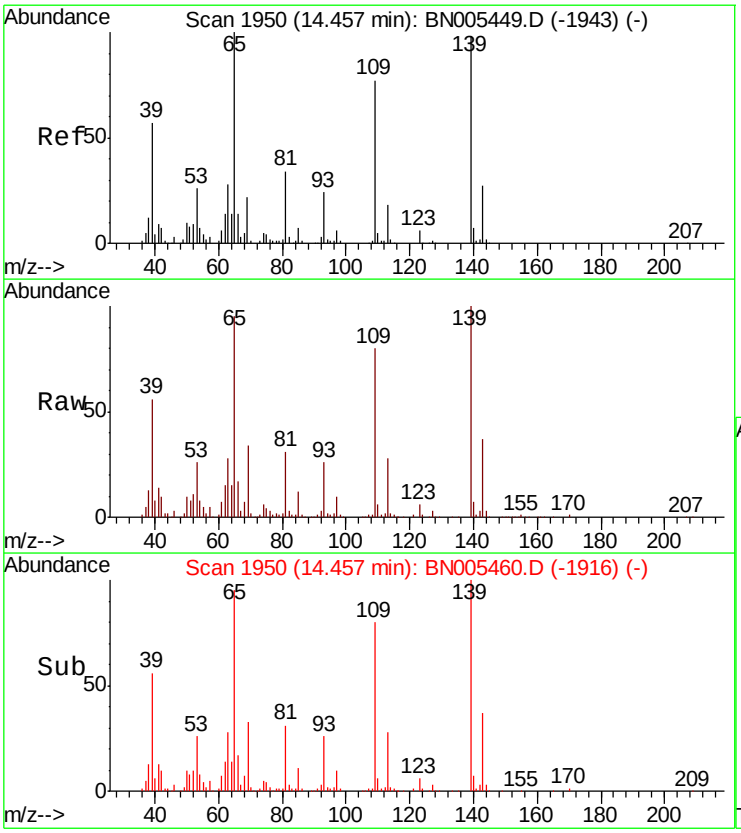
#49
Acenaphthene
Concen: 35.240 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Instrument :
BNA_N
ClientSampleId :
GAJ88MSD

Tgt Ion:153 Resp: 1873675

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.4	56.0
154	89.5	71.2	106.8

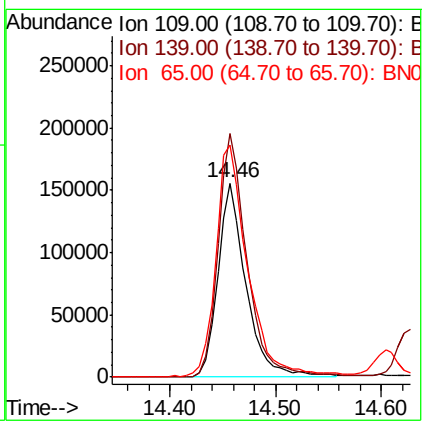


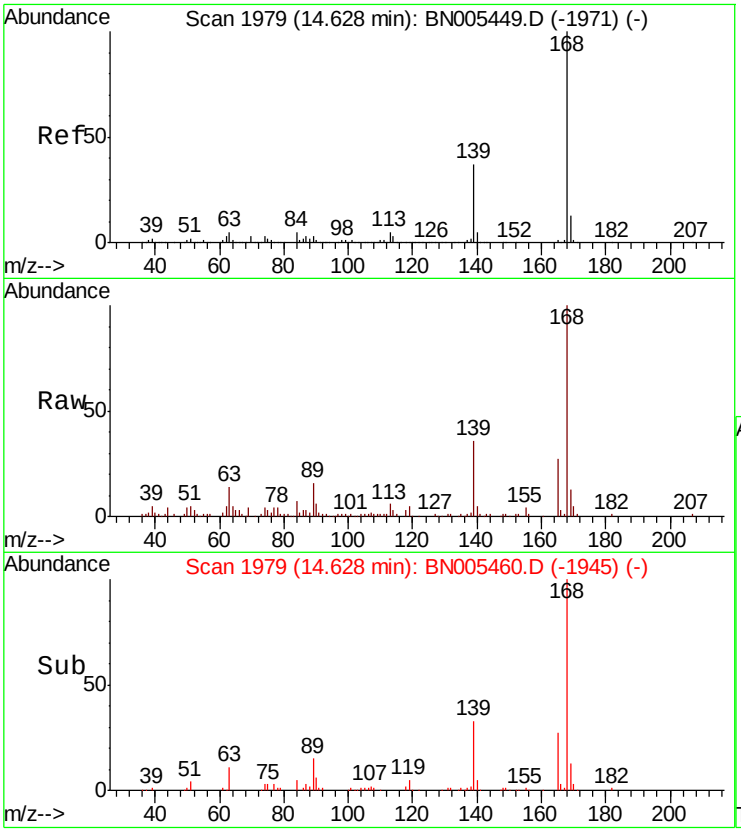


#52
4-Nitrophenol
Concen: 31.081 ng/ul
RT: 14.46 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Tgt Ion:109 Resp: 287431

Ion	Ratio	Lower	Upper
109	100		
139	125.4	92.3	138.5
65	119.7	97.5	146.3



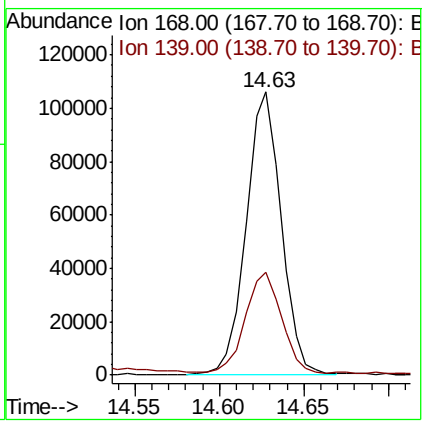


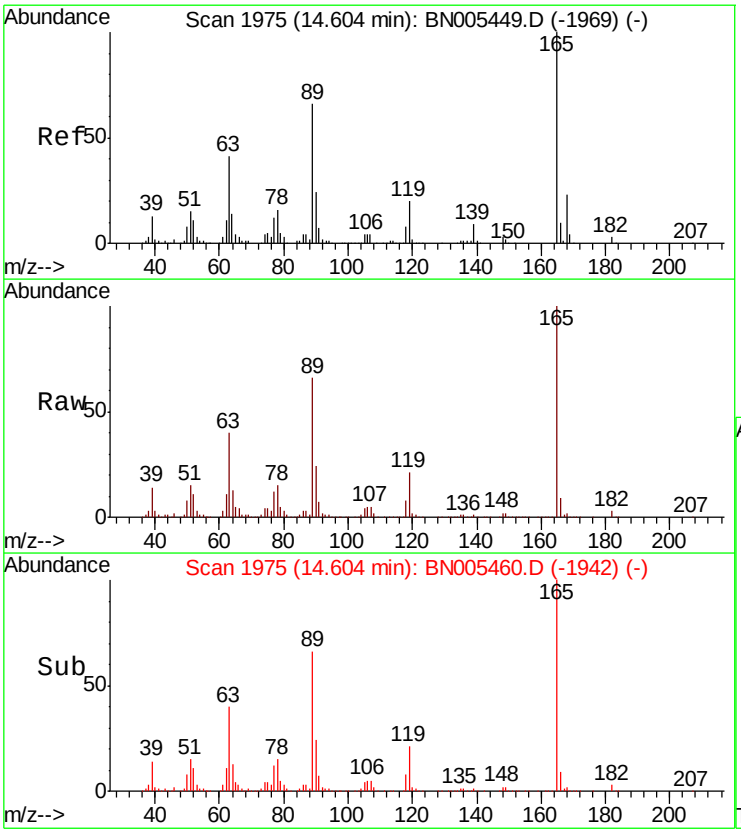
#53
Dibenzofuran
Concen: 2.011 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Instrument :
BNA_N
ClientSampleId :
GAJ88MSD

Tgt Ion:168 Resp: 153968

Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.9	46.3

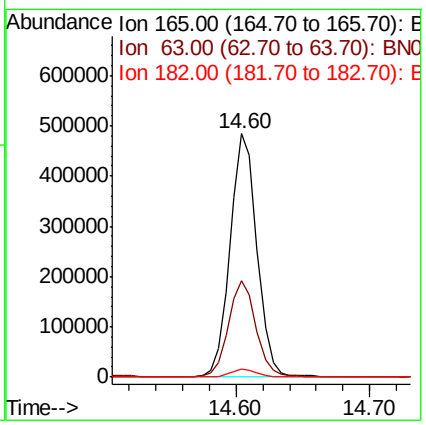


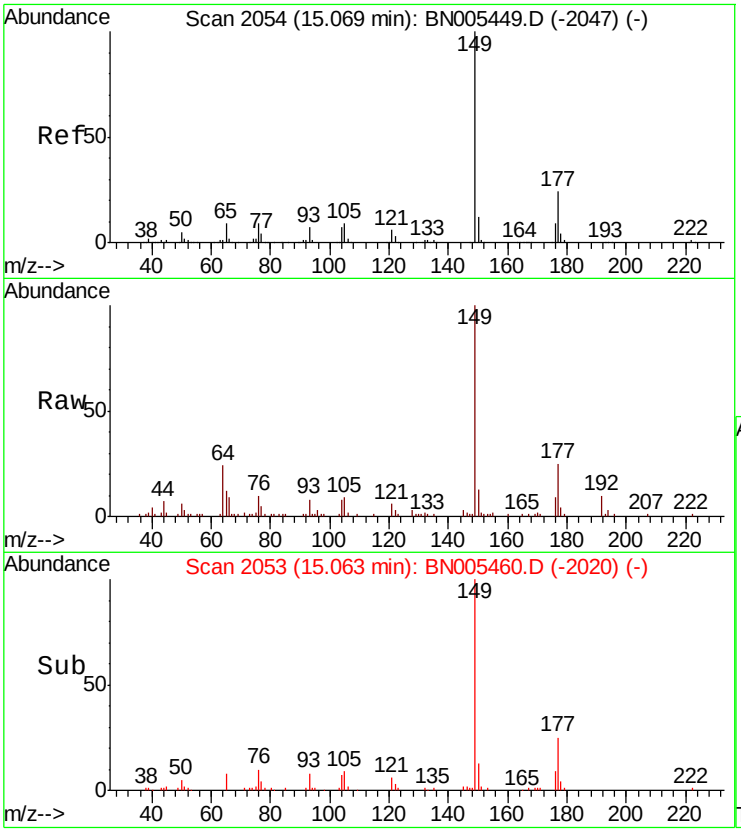


#54
2,4-Dinitrotoluene
Concen: 42.649 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Tgt Ion:165 Resp: 682552

Ion	Ratio	Lower	Upper
165	100		
63	39.7	38.9	58.3
182	3.2	2.6	3.8



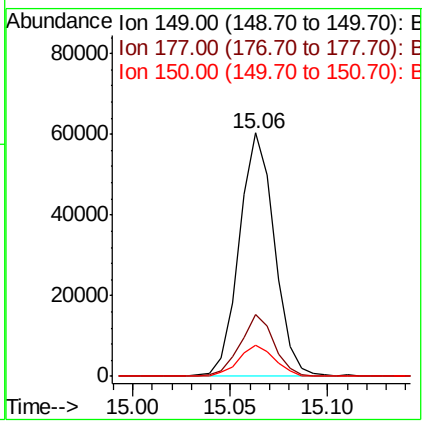


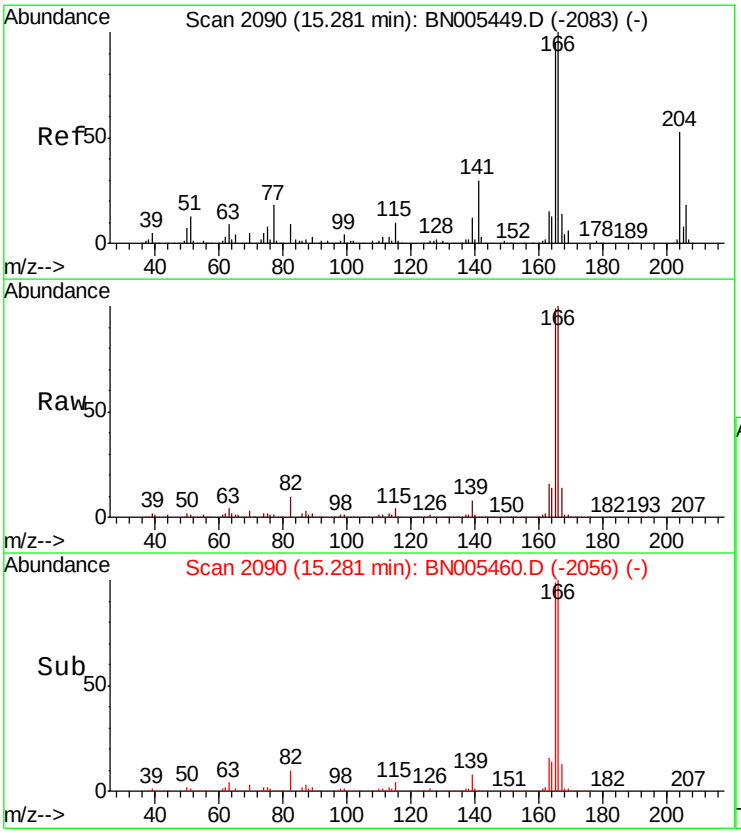
#56
Diethylphthalate
Concen: 1.168 ng/ul
RT: 15.06 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Instrument :
BNA_N
ClientSampleId :
GAJ88MSD

Tgt Ion:149 Resp: 75288

Ion	Ratio	Lower	Upper
149	100		
177	25.1	17.7	26.5
150	12.7	10.0	15.0

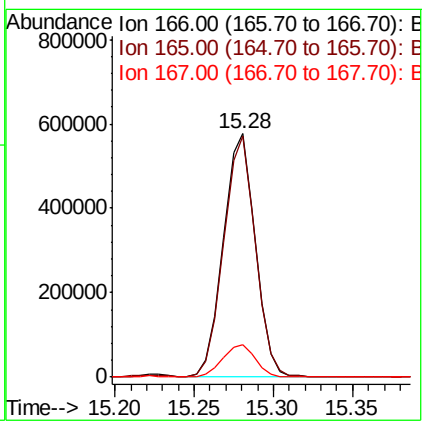


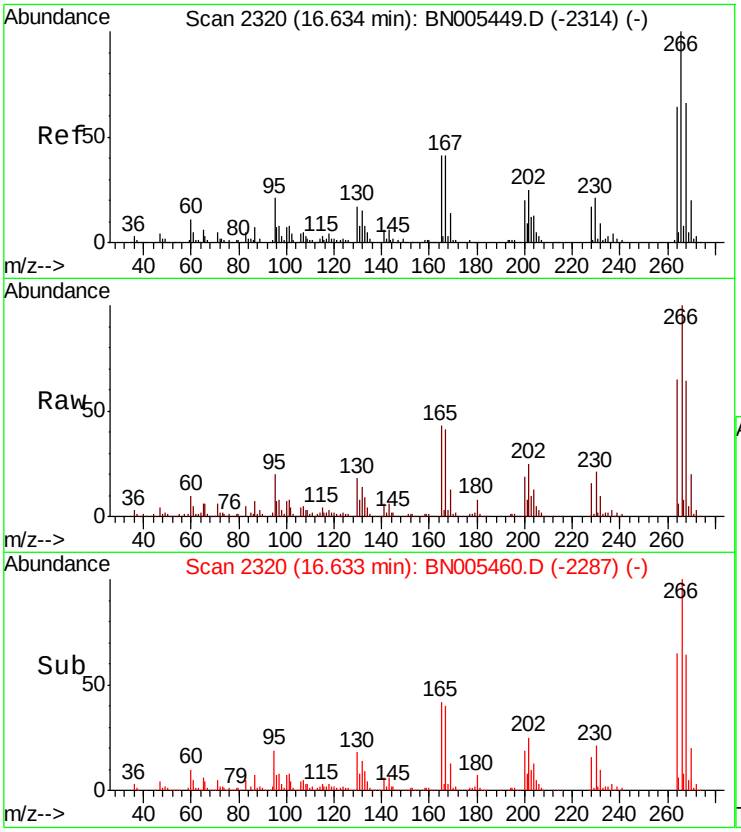


#58
Fluorene
Concen: 13.507 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Tgt Ion:166 Resp: 806859

Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.0	120.0
167	13.6	10.7	16.1



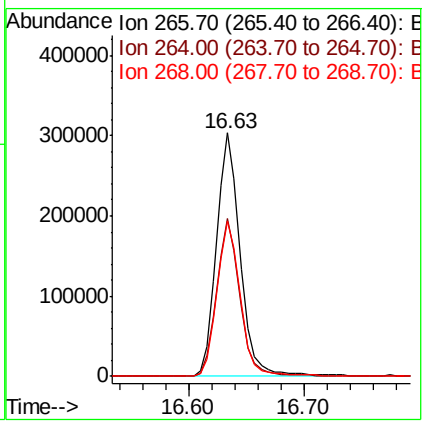


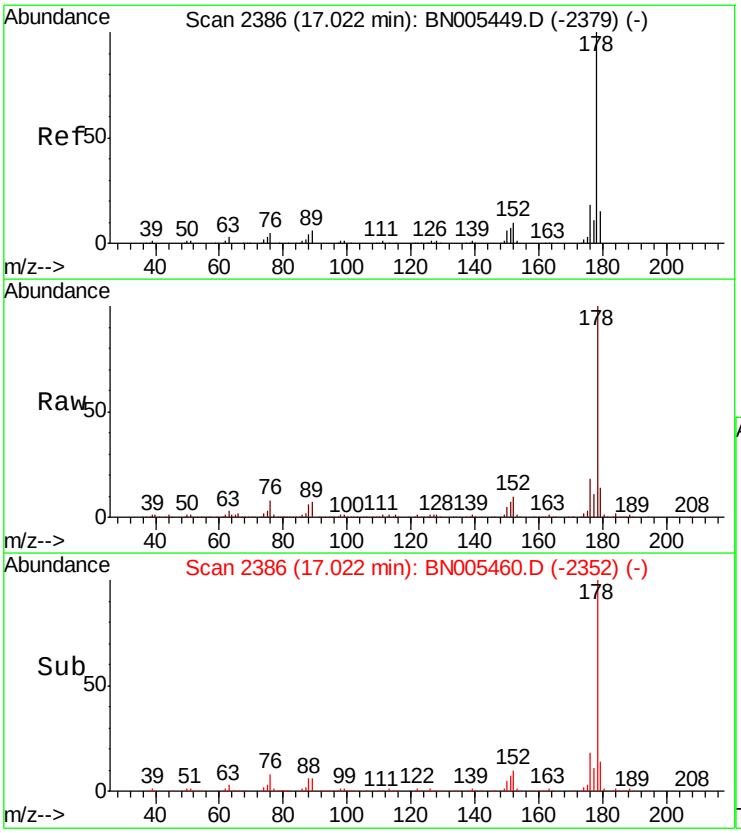
#68
Pentachlorophenol
Concen: 33.453 ng/ul
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Instrument :
BNA_N
ClientSampleId :
GAJ88MSD

Tgt Ion:266 Resp: 430934

Ion	Ratio	Lower	Upper
266	100		
264	64.8	49.7	74.5
268	63.7	52.4	78.6

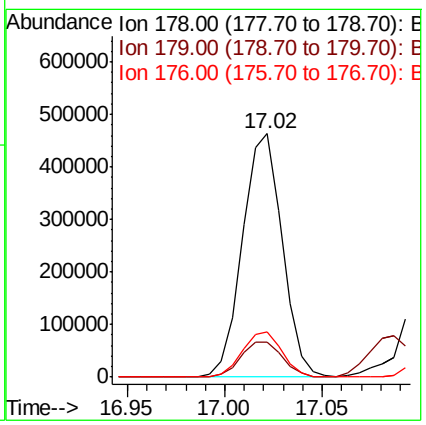


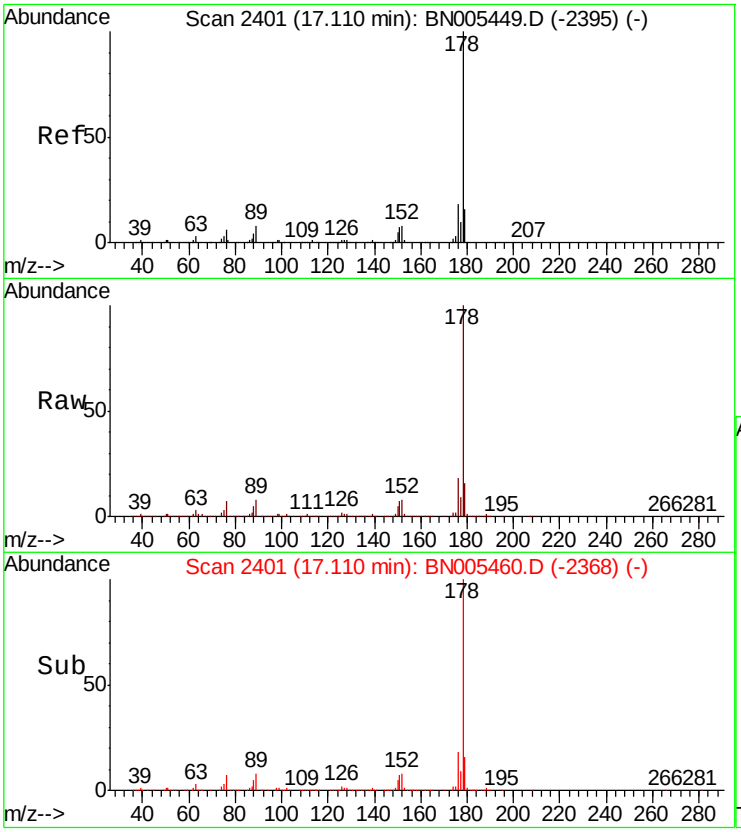


#69
Phenanthrene
Concen: 6.522 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Tgt Ion:178 Resp: 651452

Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.2	18.4
176	18.3	15.1	22.7



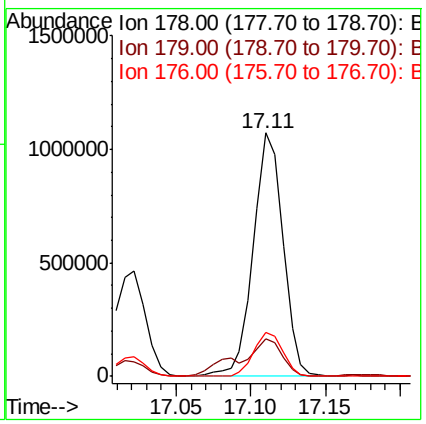


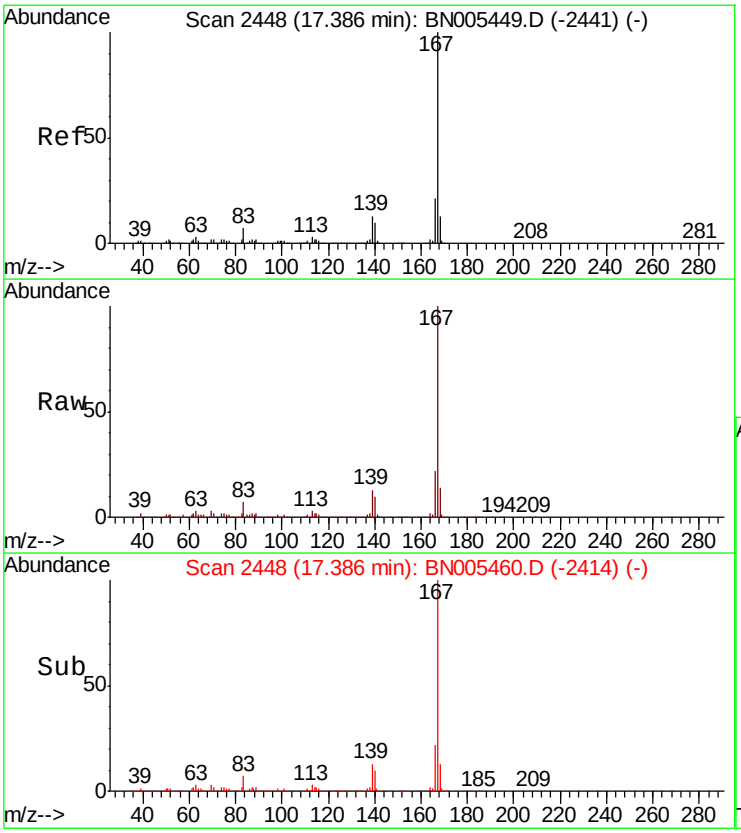
#71
Anthracene
Concen: 14.480 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Instrument :
BNA_N
ClientSampleId :
GAJ88MSD

Tgt Ion:178 Resp: 1473278

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	17.9	15.1	22.7

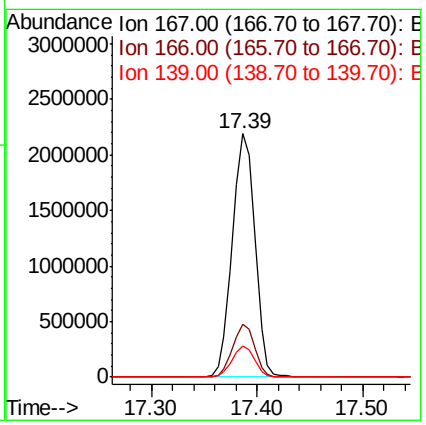


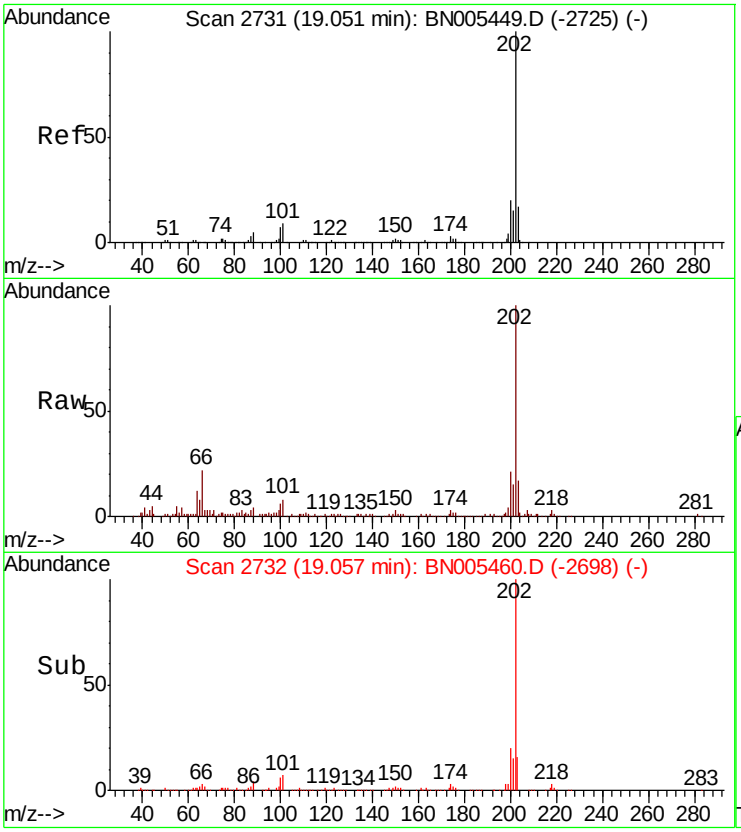


#74
Carbazole
Concen: 37.094 ng/ul
RT: 17.39 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Tgt Ion:167 Resp: 3242155

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	12.7	10.6	16.0



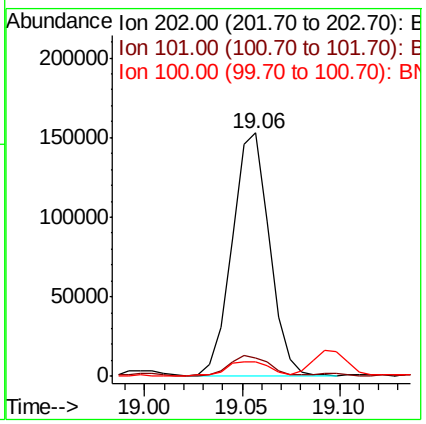


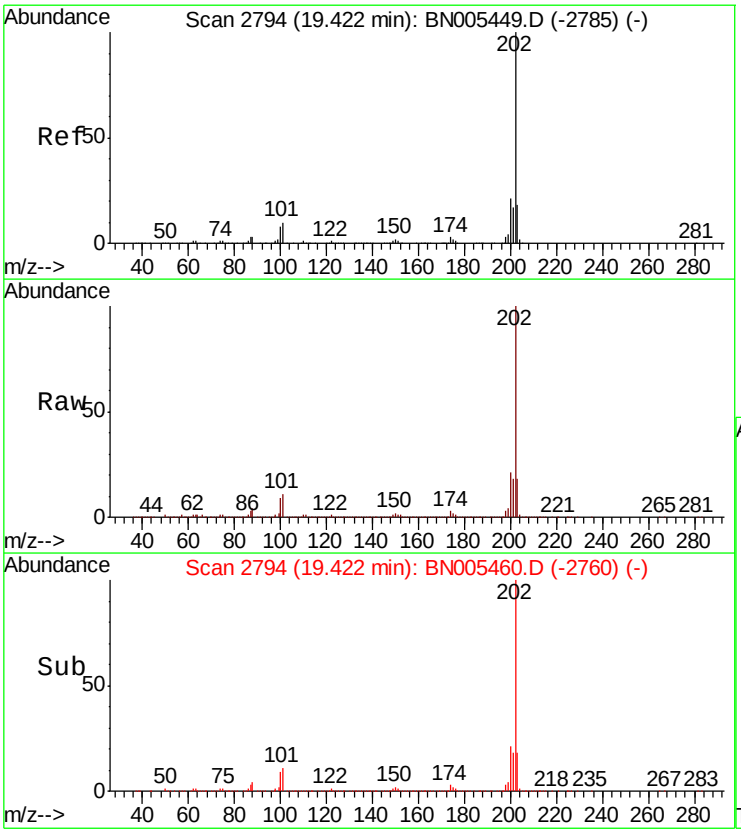
#76
Fluoranthene
Concen: 1.807 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Instrument :
BNA_N
ClientSampleId :
GAJ88MSD

Tgt Ion:202 Resp: 200214

Ion	Ratio	Lower	Upper
202	100		
101	7.7	8.6	12.8#
100	6.0	6.3	9.5#





#79
Pyrene
Concen: 38.147 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005460.D
Acq: 03 May 2019 19:55

Tgt Ion:202 Resp: 4371006

Ion	Ratio	Lower	Upper
202	100		
101	10.7	10.3	15.5
100	8.9	7.9	11.9