Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100820\
Data File : BN012109.D
Acq On : 08 Oct 2020 19:08
Operator : CG/JU
Sample : L4259-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5CF7

Quant Time: Oct 09 01:16:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 08 15:35:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	298894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1246655	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	830800	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1596222	20.00	ng/ul	0.02
78) Chrysene-d12	21.24	240	1529800	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1610770	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	10538	1.53	ng/uL	0.00
5) Phenol-d5	6.82	99	190207	7.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	435764	28.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	506421	25.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	354917	18.07	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	320433	32.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	348567	32.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	612665	29.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	157987	6.53	ng/ul	-0.02
44) Dimethylphthalate-d6	13.71	166	2063010	31.66	ng/ul	0.01
47) Acenaphthylene-d8	13.98	160	2576060	33.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	99374	8.28	ng/ul	0.00
58) Fluorene-d10	15.29	176	1730766	30.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	1817439	178.39	ng/ul	0.02
71) Anthracene-d10	17.15	188	2651054	34.25	ng/ul	0.01
79) Pyrene-d10	19.44	212	2719954	33.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2950600	32.64	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.80	77	43162	3.006	ng/ul#	1
6) Phenol	6.85	94	31475	1.213	ng/ul	91
11) 2-Methylphenol	8.09	108	26756	1.388	ng/ul	96
14) Acetophenone	8.45	105	370681	11.844	ng/ul#	29
16) 4-Methylphenol	8.41	108	58678	2.839	ng/ul	90
17) Hexachloroethane	8.75	117	249332	26.265	ng/ul#	8
20) Nitrobenzene	8.82	77	53772	1.965	ng/ul#	9
24) 2,4-Dimethylphenol	9.62	107	94389	3.673	ng/ul#	64
27) 2,4-Dichlorophenol	10.07	162	98616	4.743	ng/ul	90
35) 1-Methylnaphthalene	12.32	142	4638416	95.722	ng/uL	100
39) 2,4,6-Trichlorophenol	12.70	196	61885	3.667	ng/ul	96
40) 2,4,5-Trichlorophenol	12.77	196	976949	53.670	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	127606	1.854	ng/ul	96
45) Dimethylphthalate	13.76	163	115314	1.717	ng/ul#	95
48) Acenaphthylene	14.01	152	95184	1.165	ng/ul#	19
50) Acenaphthene	14.35	153	402347	6.849	ng/ul	94
54) Dibenzofuran	14.69	168	171570	2.141	ng/ul#	74
56) 2,3,4,6-Tetrachlorophenol	14.92	232	2295182	151.062	ng/ul#	96
59) Fluorene	15.34	166	427491	6.363	ng/ul#	93
64) 4,6-Dinitro-2-methylphenol	15.43	198	4693063	423.541	ng/ul#	52
65) N-Nitrosodiphenylamine	15.56	169	120777	2.372	ng/ul#	61
70) Phenanthrene	17.09	178	1052066	10.819	ng/ul	97
72) Anthracene	17.09	178	1052066	10.714	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100820\
Data File : BN012109.D
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Operator : CG/JU
Sample : L4259-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5CF7

Quant Time: Oct 09 01:16:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 08 15:35:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
75) Carbazole	17.45	167	89517	1.050 ng/ul#	63
80) Pyrene	19.47	202	135302	1.226 ng/ul#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100820\
Data File : BN012109.D
Acq On : 08 Oct 2020 19:08
Operator : CG/JU
Sample : L4259-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

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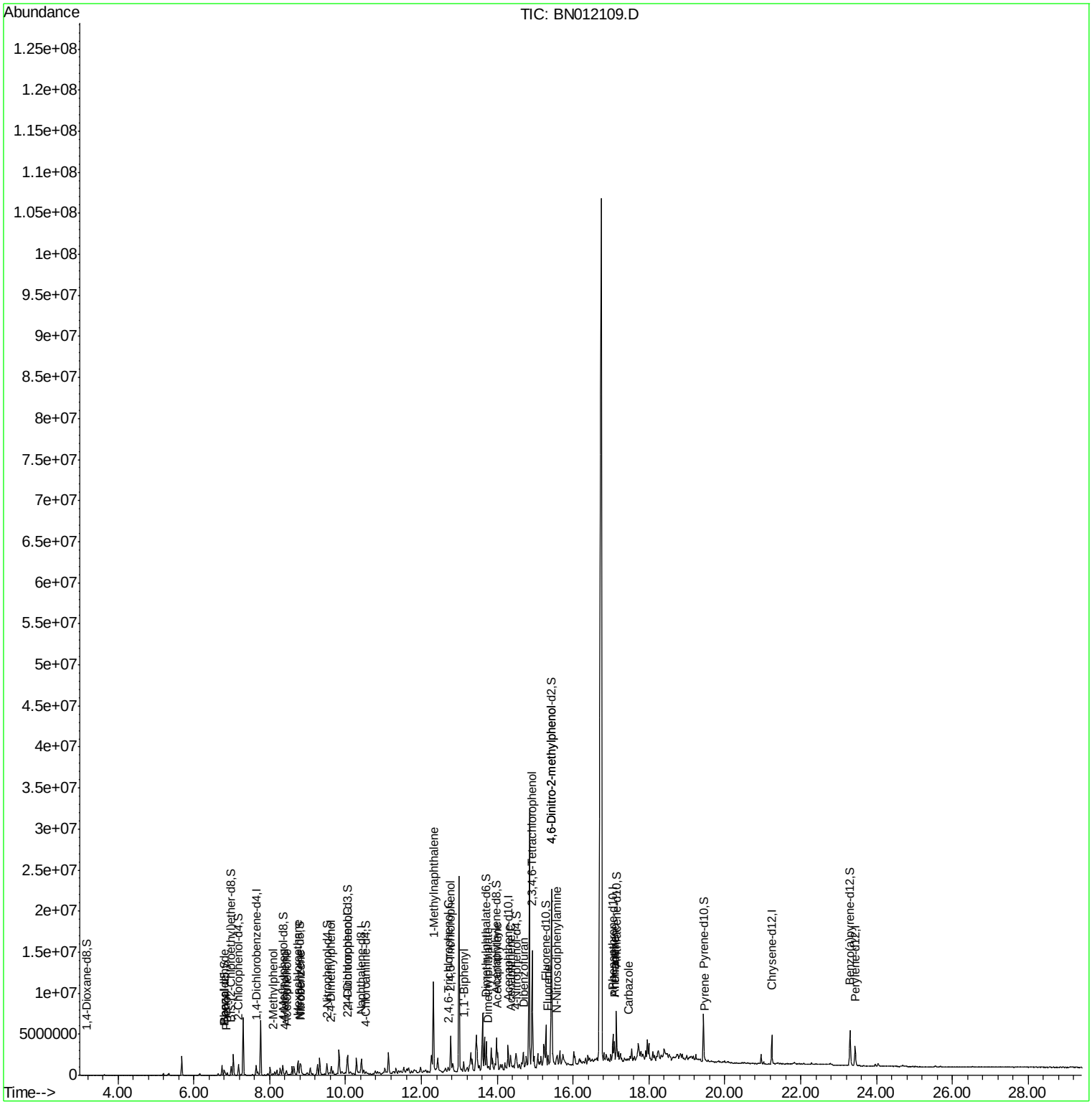
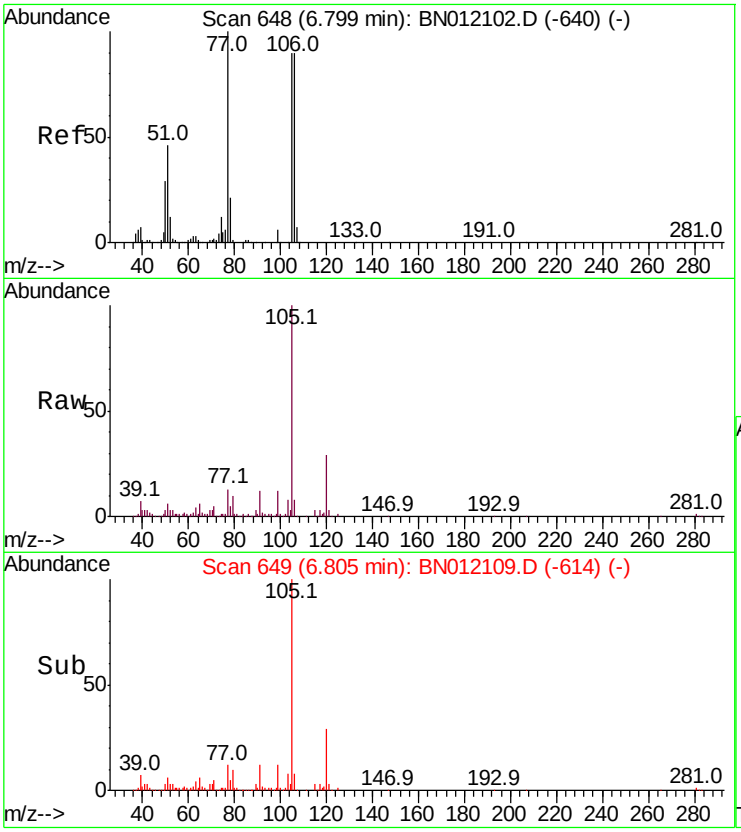
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 08 15:35:30 2020
Response via : Initial Calibration



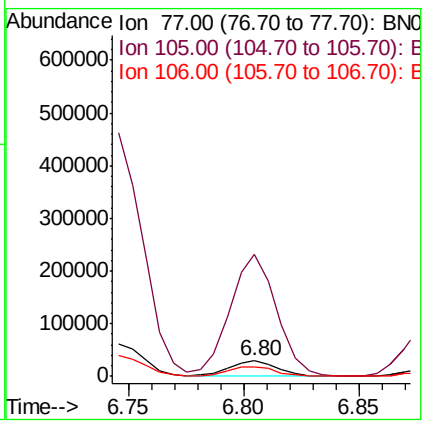


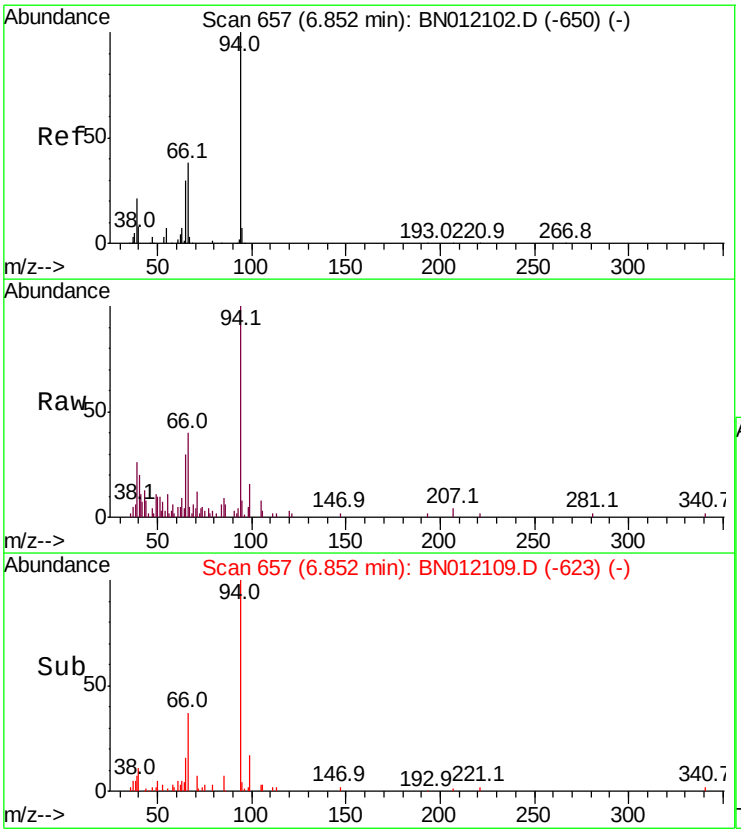
#4
Benzaldehyde
Concen: 3.006 ng/ul
RT: 6.80 min Scan# 649
Delta R.T. 0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion: 77 Resp: 43162

Ion	Ratio	Lower	Upper
77	100		
105	793.2	74.6	112.0#
106	62.1	73.2	109.8#

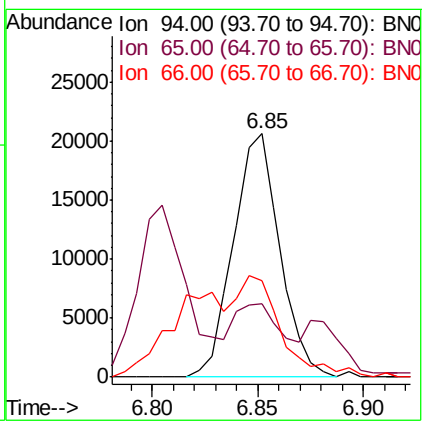


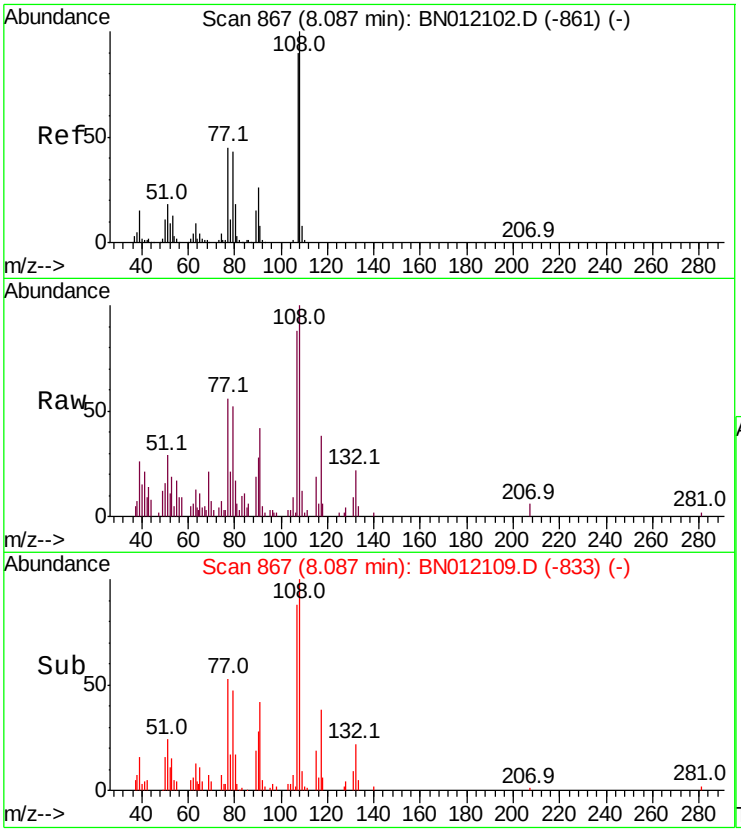


#6
Phenol
Concen: 1.213 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. 0.00 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion: 94 Resp: 31475

Ion	Ratio	Lower	Upper
94	100		
65	30.0	26.8	40.2
66	39.7	37.9	56.9



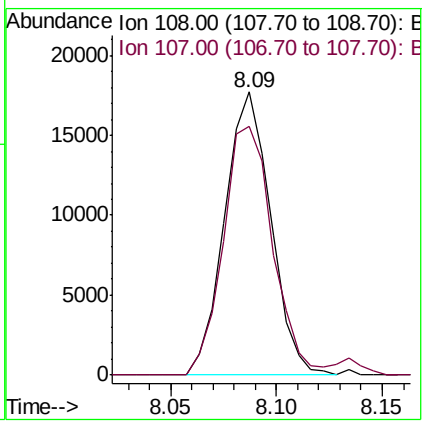


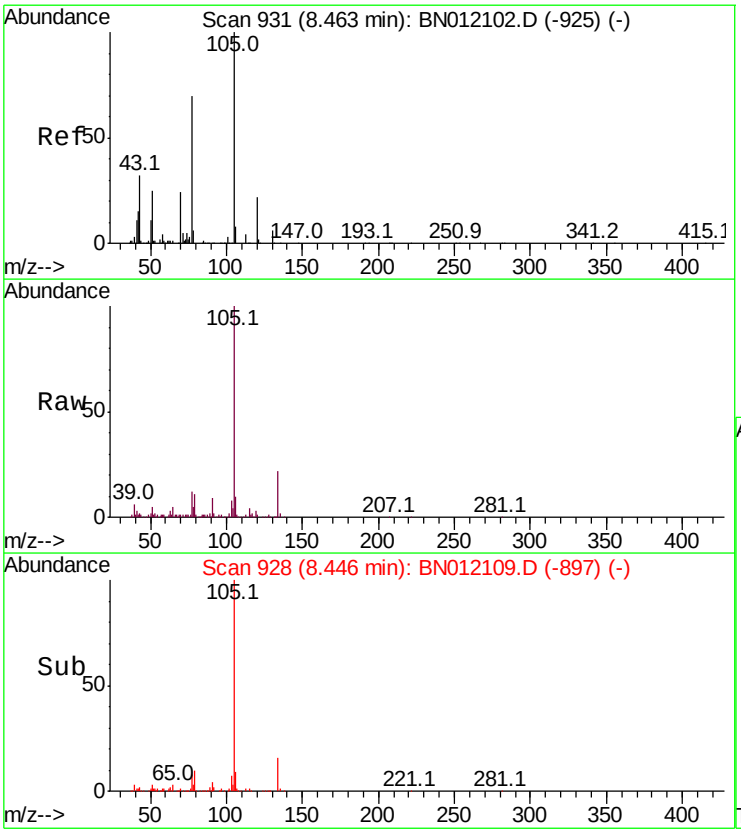
#11
2-Methylphenol
Concen: 1.388 ng/ul
RT: 8.09 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion:108 Resp: 26756

Ion	Ratio	Lower	Upper
108	100		
107	88.1	73.8	110.8

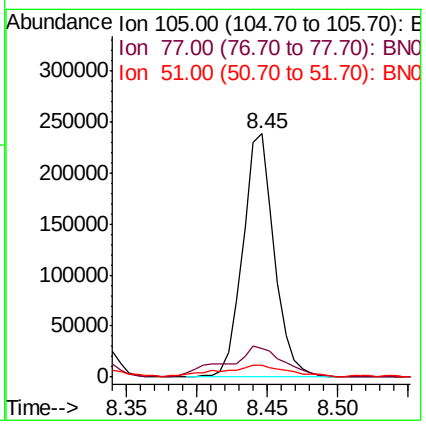


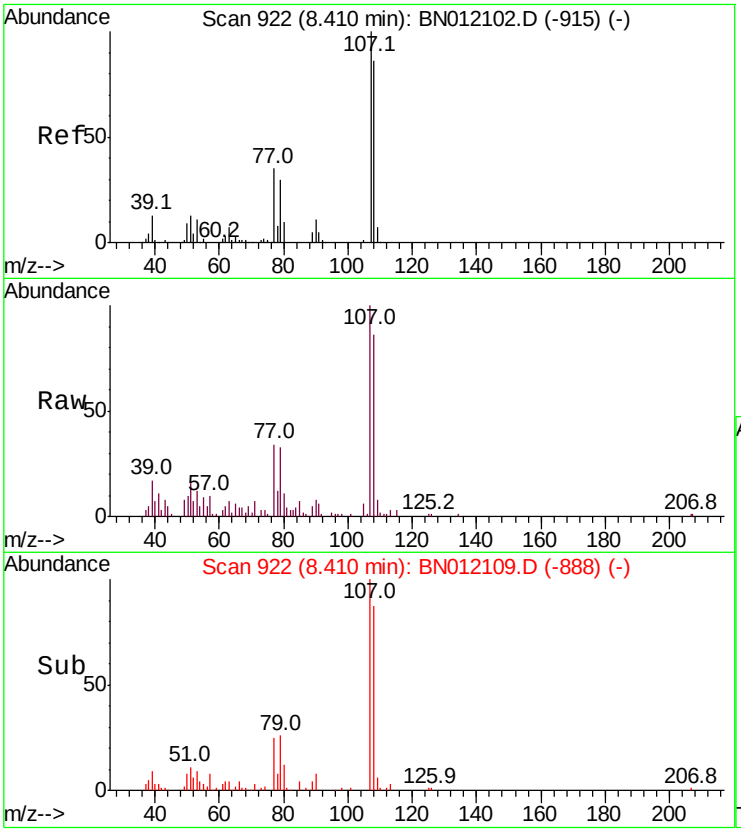


#14
Acetophenone
Concen: 11.844 ng/ul
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:105 Resp: 370681

Ion	Ratio	Lower	Upper
105	100		
77	11.7	66.9	100.3#
51	4.9	24.3	36.5#



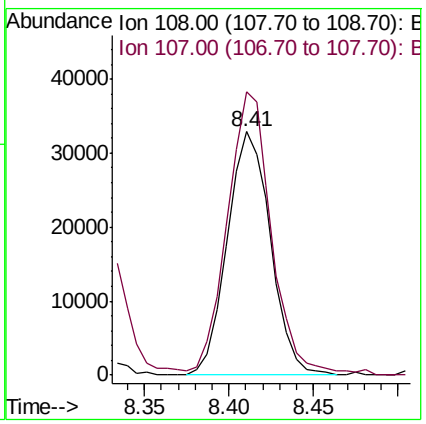


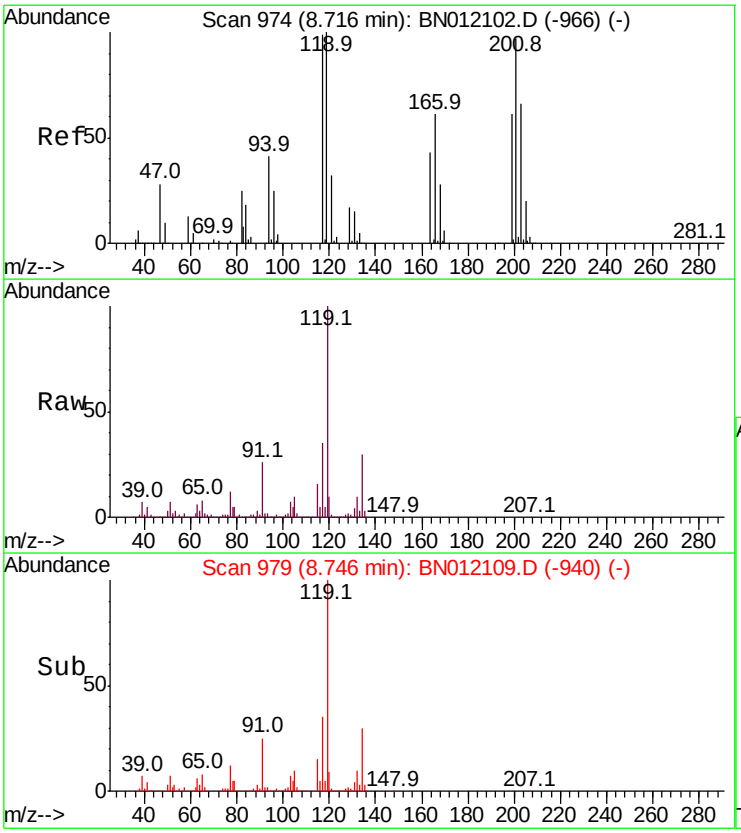
#16
4-Methylphenol
Concen: 2.839 ng/ul
RT: 8.41 min Scan# 922
Delta R.T. 0.00 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion:108 Resp: 58678

Ion	Ratio	Lower	Upper
108	100		
107	116.3	85.1	127.7

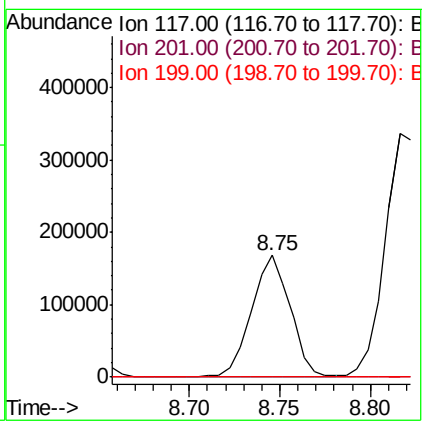


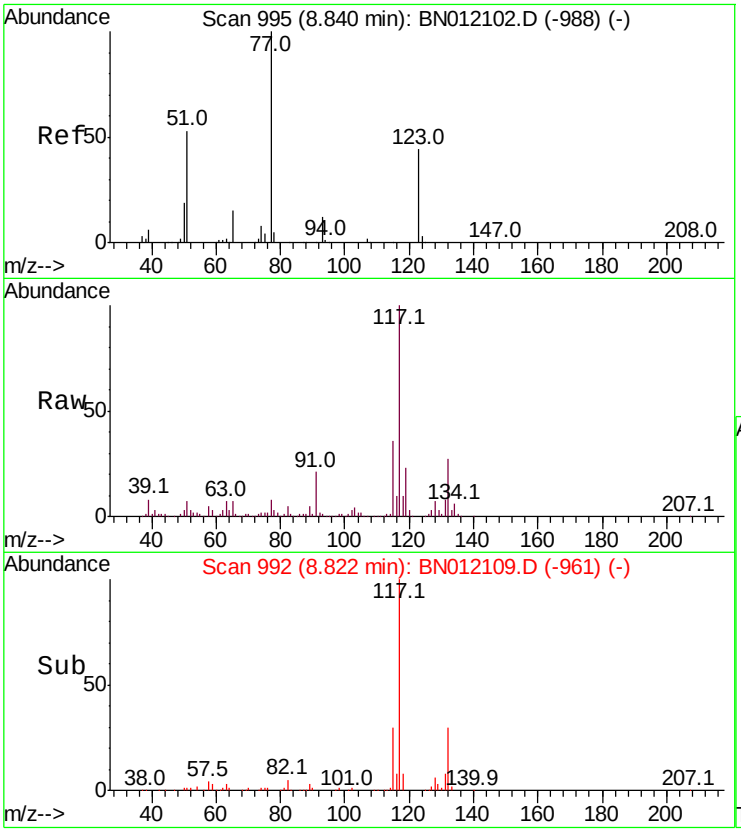


#17
Hexachloroethane
Concen: 26.265 ng/ul
RT: 8.75 min Scan# 979
Delta R.T. 0.03 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:117 Resp: 249332

Ion	Ratio	Lower	Upper
117	100		
201	0.0	78.6	117.8#
199	0.0	51.4	77.2#



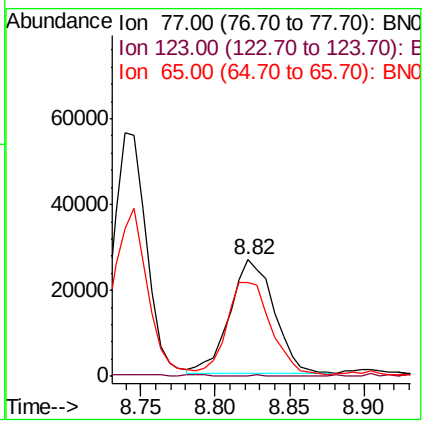


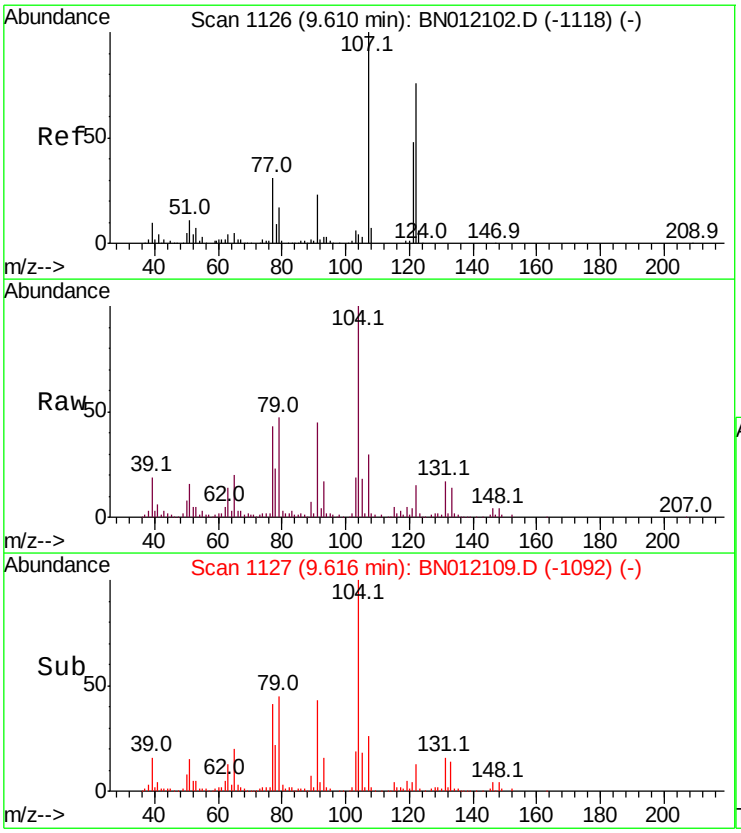
#20
Nitrobenzene
Concen: 1.965 ng/ul
RT: 8.82 min Scan# 992
Delta R.T. -0.02 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion: 77 Resp: 53772

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	81.0	11.0	16.6#

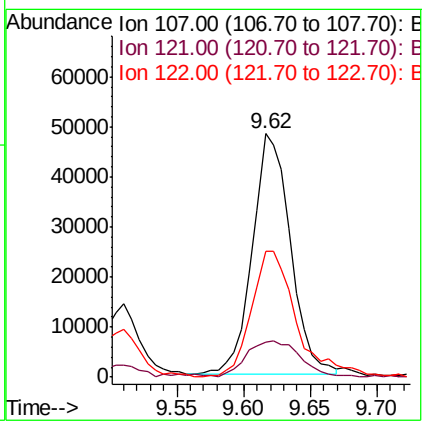


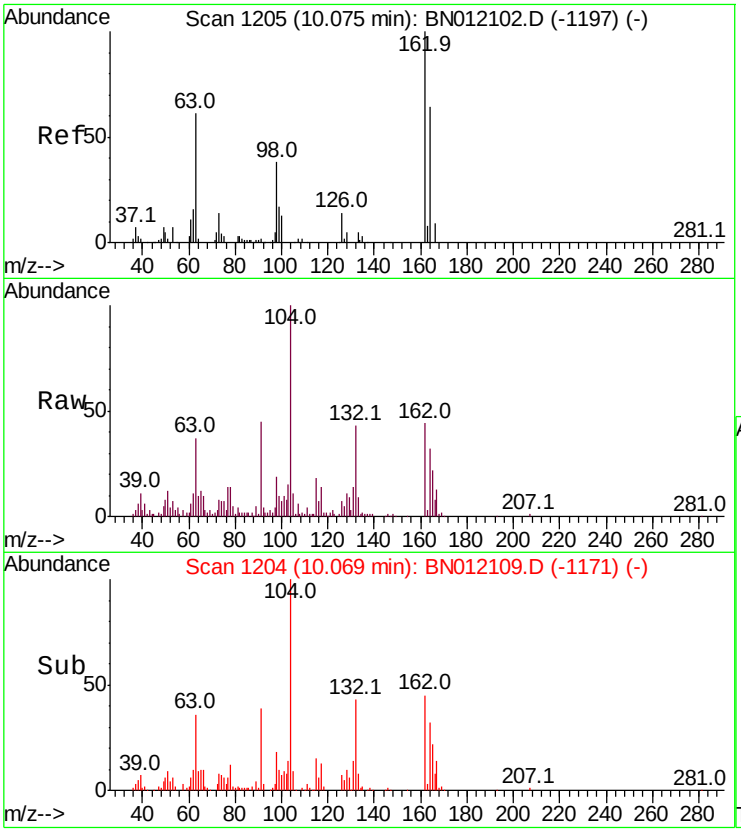


#24
2,4-Dimethylphenol
Concen: 3.673 ng/ul
RT: 9.62 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:107 Resp: 94389

Ion	Ratio	Lower	Upper
107	100		
121	14.5	35.5	53.3#
122	51.7	62.1	93.1#



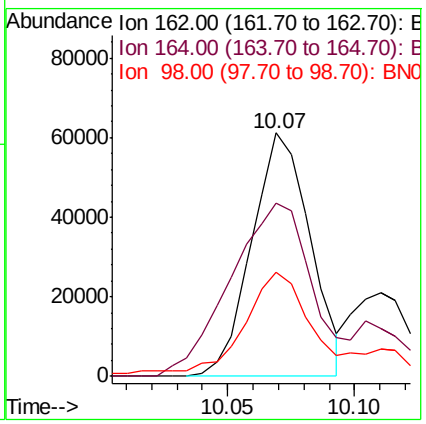


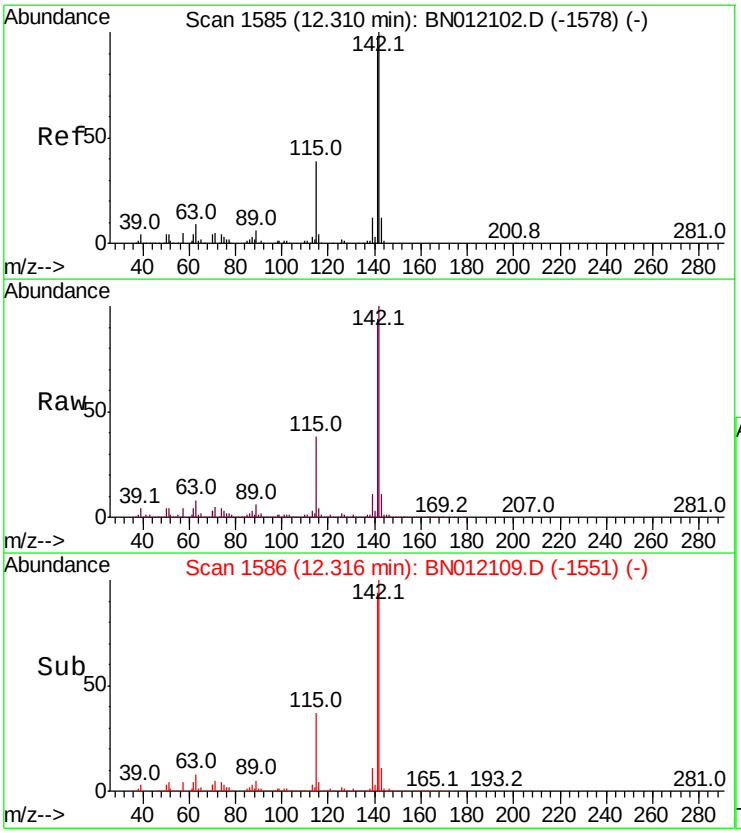
#27
2,4-Dichlorophenol
Concen: 4.743 ng/ul
RT: 10.07 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion:162 Resp: 98616

Ion	Ratio	Lower	Upper
162	100		
164	71.1	50.8	76.2
98	42.7	29.8	44.6

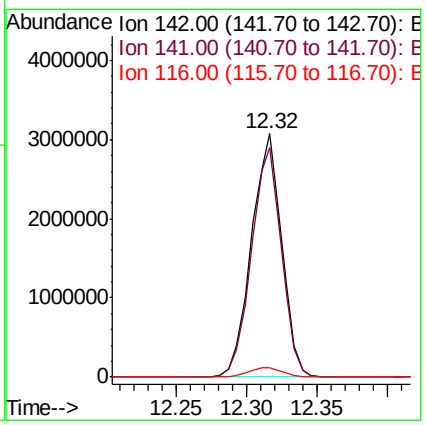


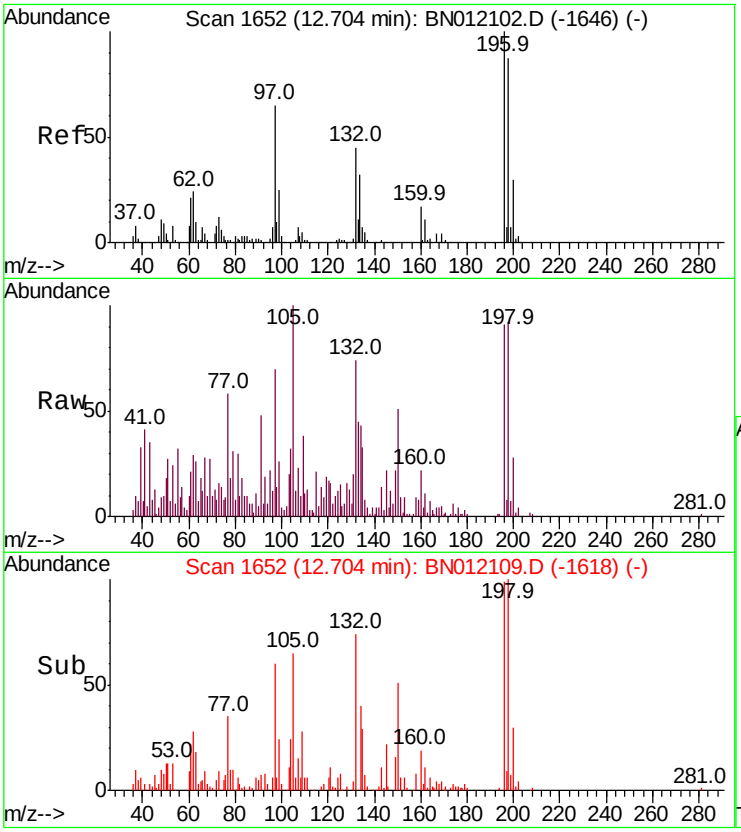


#35
1-Methylnaphthalene
Concen: 95.722 ng/uL
RT: 12.32 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:142 Resp: 4638416

Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.2	112.8
116	4.5	3.4	5.2



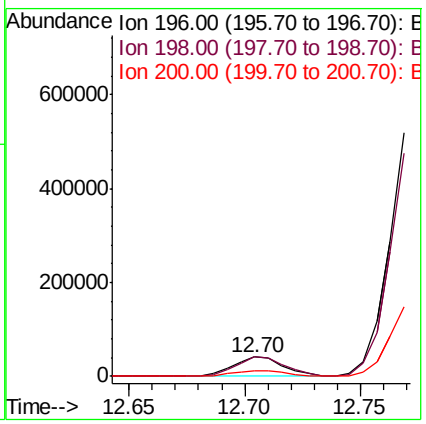


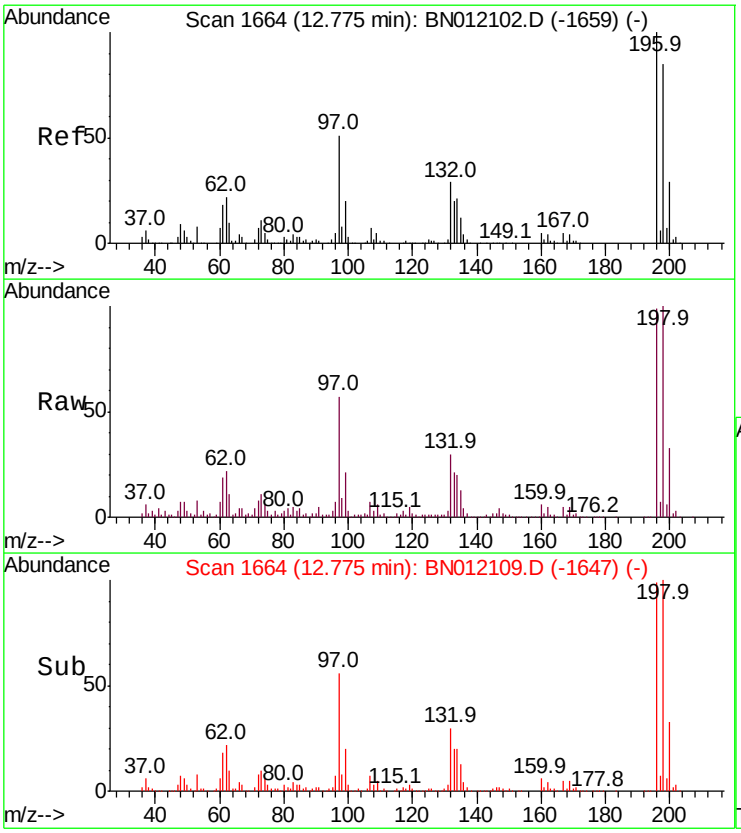
#39
2,4,6-Trichlorophenol
Concen: 3.667 ng/ul
RT: 12.70 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion:196 Resp: 61885

Ion	Ratio	Lower	Upper
196	100		
198	100.9	84.2	126.2
200	30.3	24.9	37.3

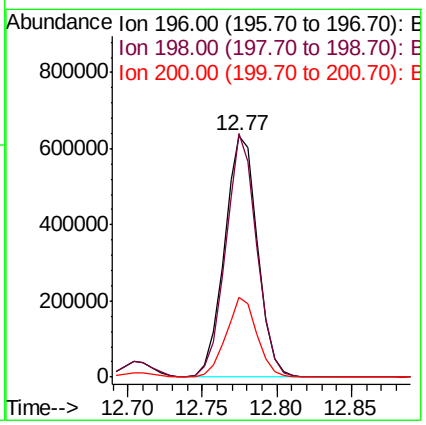


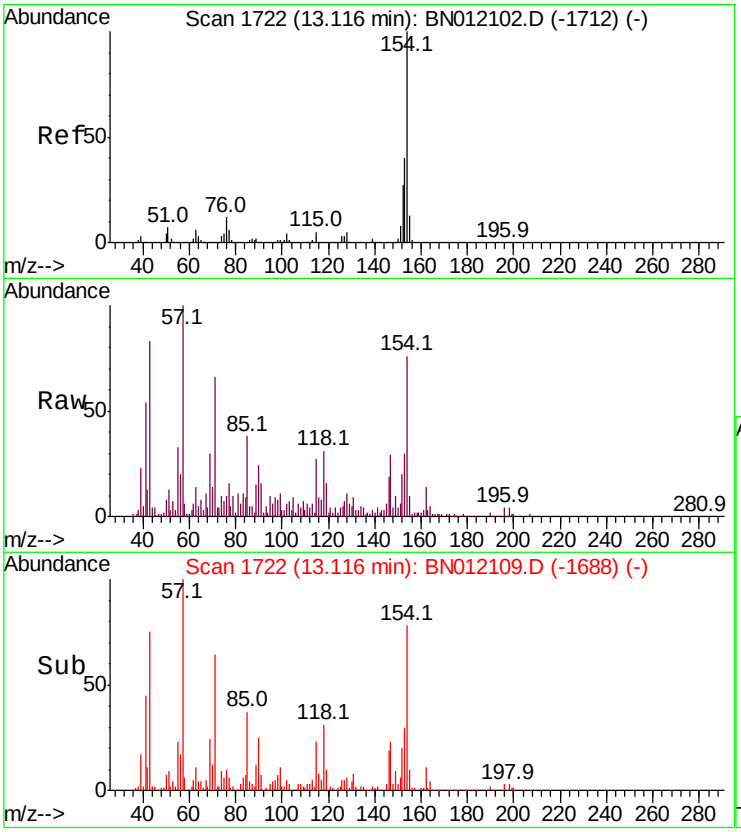


#40
2,4,5-Trichlorophenol
Concen: 53.670 ng/ul
RT: 12.77 min Scan# 1664
Delta R.T. 0.00 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:196 Resp: 976949

Ion	Ratio	Lower	Upper
196	100		
198	100.7	80.6	121.0
200	32.9	24.8	37.2



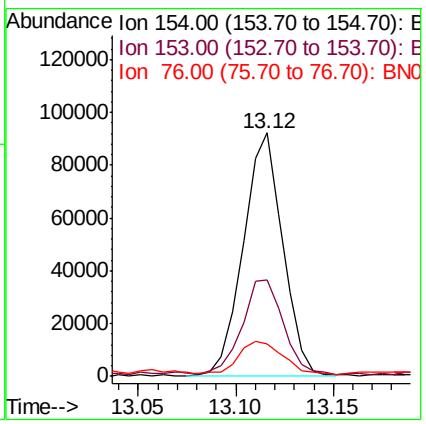


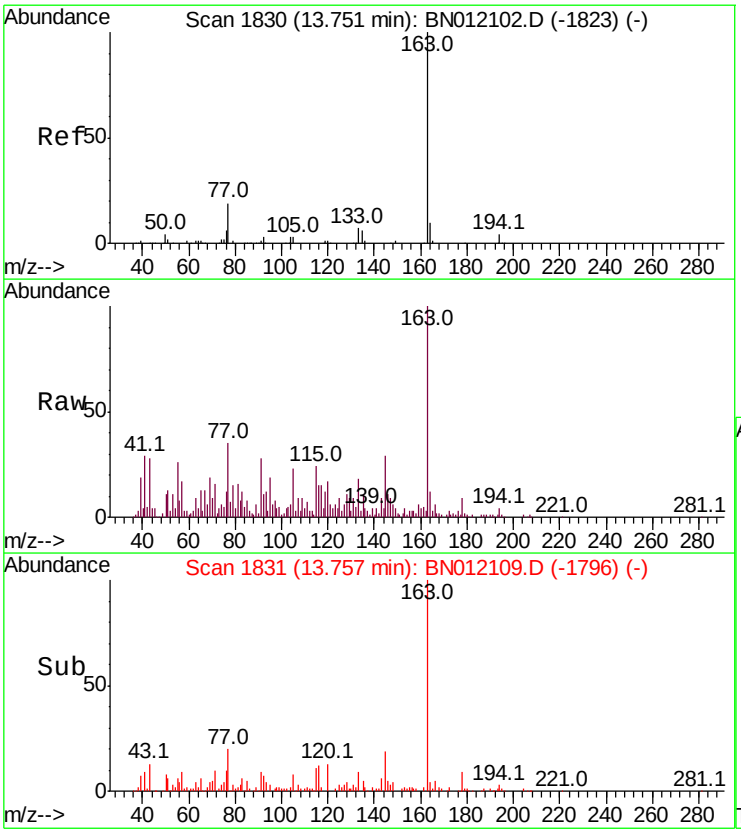
#41
1,1'-Biphenyl
Concen: 1.854 ng/ul
RT: 13.12 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion:154 Resp: 127606

Ion	Ratio	Lower	Upper
154	100		
153	39.5	33.9	50.9
76	13.5	9.8	14.8

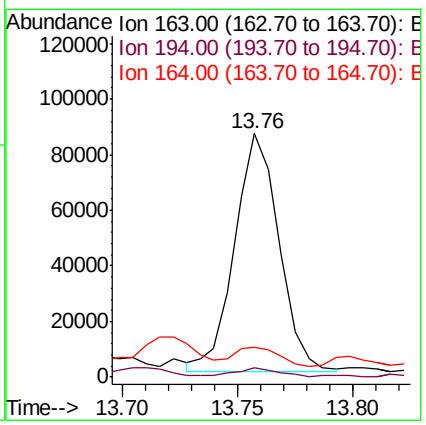


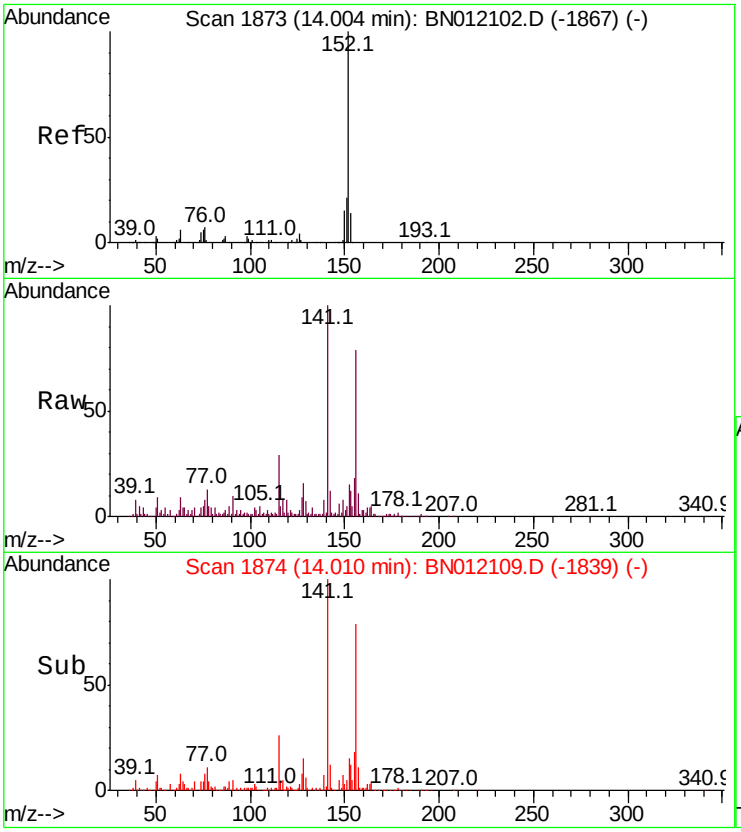


#45
Dimethylphthalate
Concen: 1.717 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:163 Resp: 115314

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	12.4	7.8	11.8#



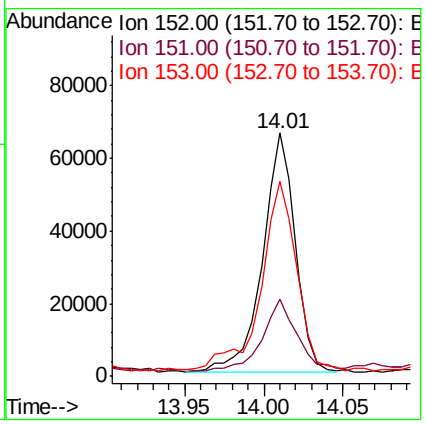


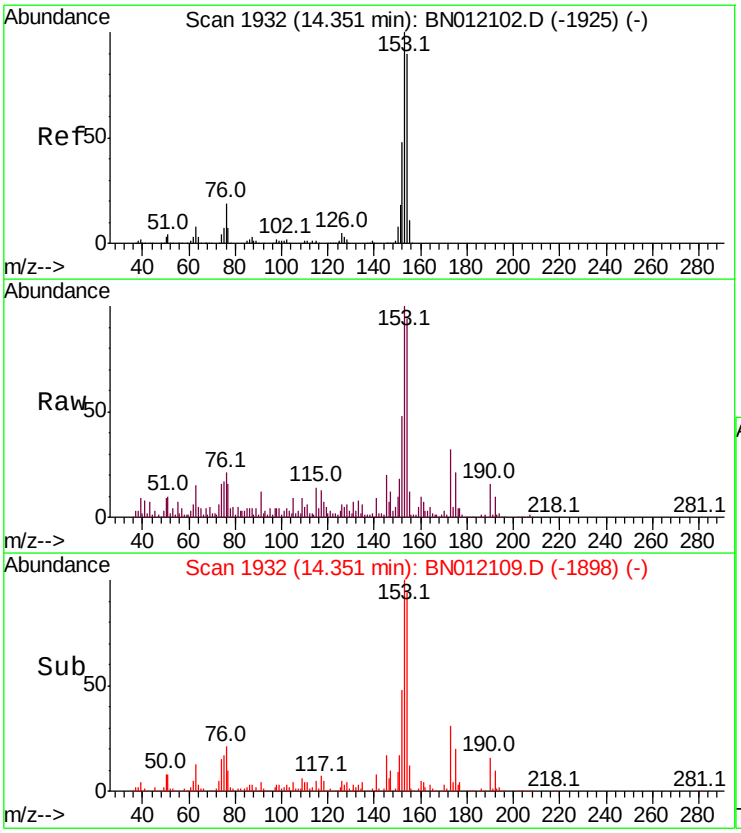
#48
Acenaphthylene
Concen: 1.165 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. 0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion:152 Resp: 95184

Ion	Ratio	Lower	Upper
152	100		
151	31.7	16.3	24.5#
153	80.0	11.4	17.2#

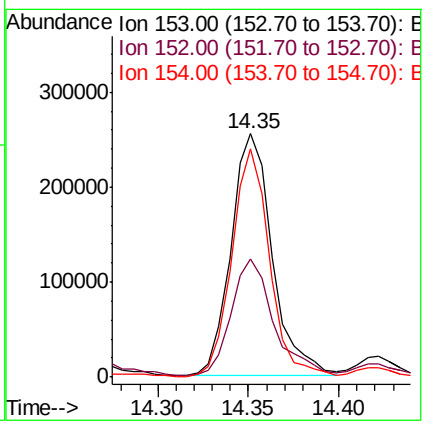


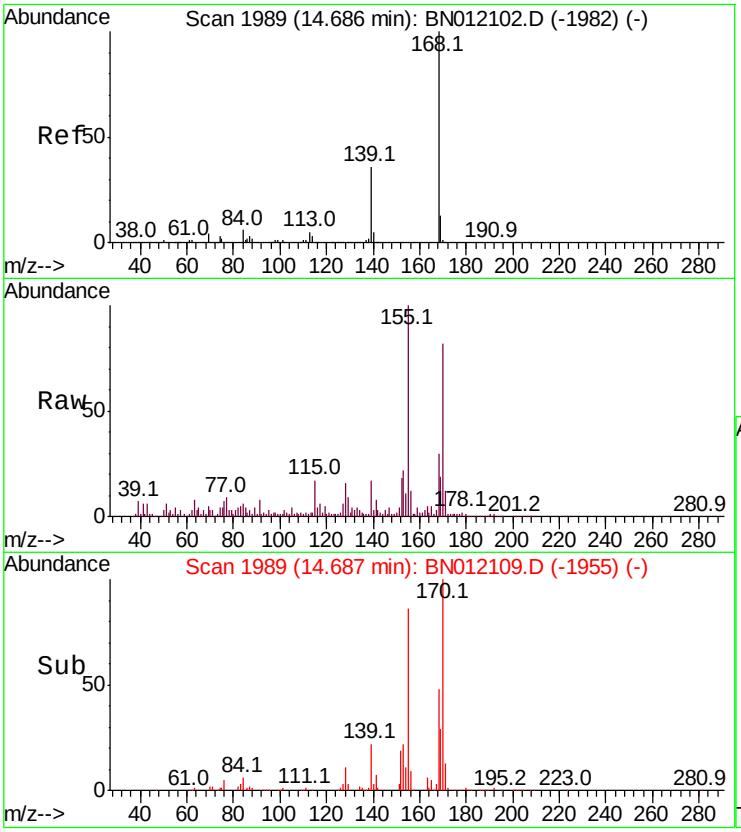


#50
Acenaphthene
Concen: 6.849 ng/ul
RT: 14.35 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:153 Resp: 402347

Ion	Ratio	Lower	Upper
153	100		
152	48.4	35.9	53.9
154	93.6	70.2	105.2



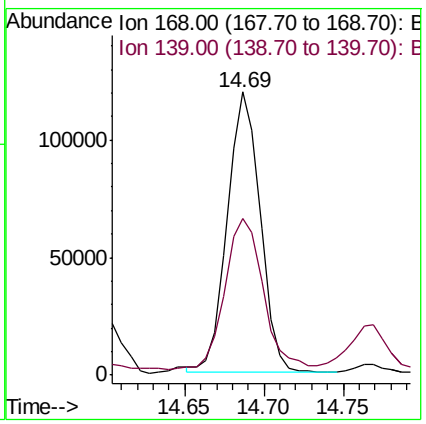


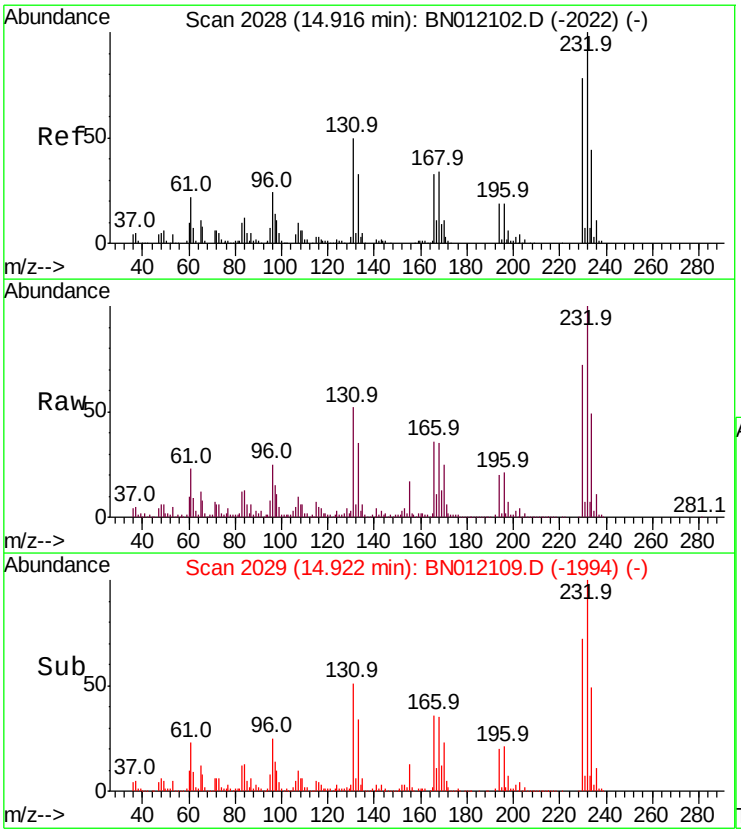
#54
Dibenzofuran
Concen: 2.141 ng/ul
RT: 14.69 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion:168 Resp: 171570

Ion	Ratio	Lower	Upper
168	100		
139	55.5	31.5	47.3#

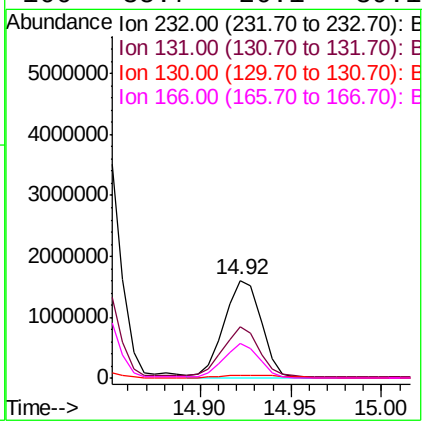


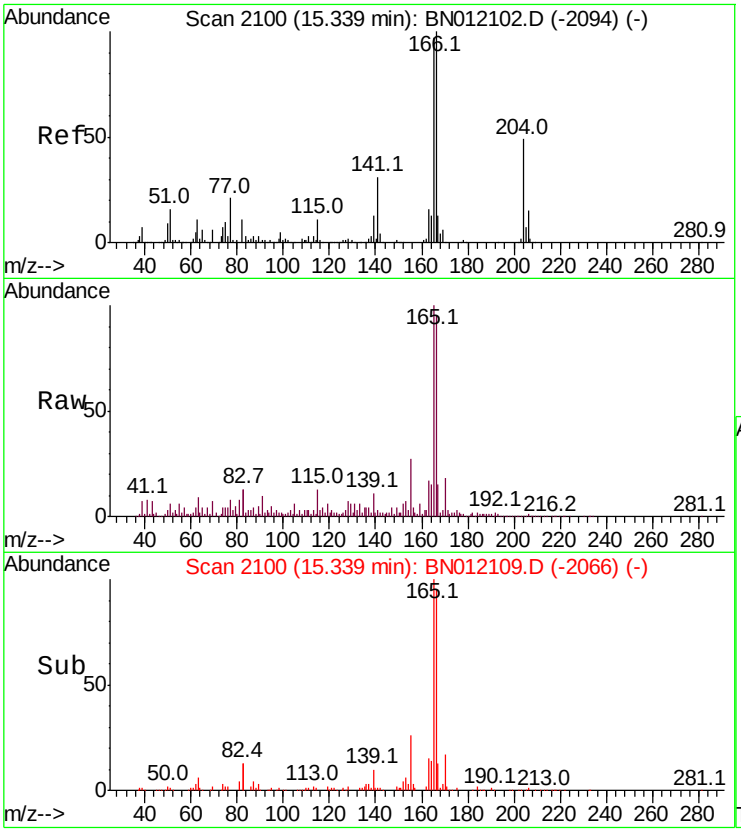


#56
2,3,4,6-Tetrachlorophenol
Concen: 151.062 ng/ul
RT: 14.92 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:232 Resp: 2295182

Ion	Ratio	Lower	Upper
232	100		
131	52.3	44.0	66.0
130	3.3	2.2	3.2#
166	35.7	26.1	39.1



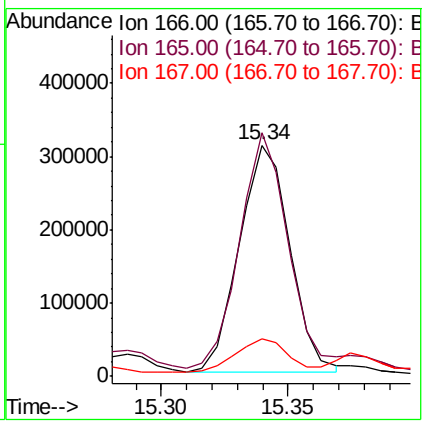


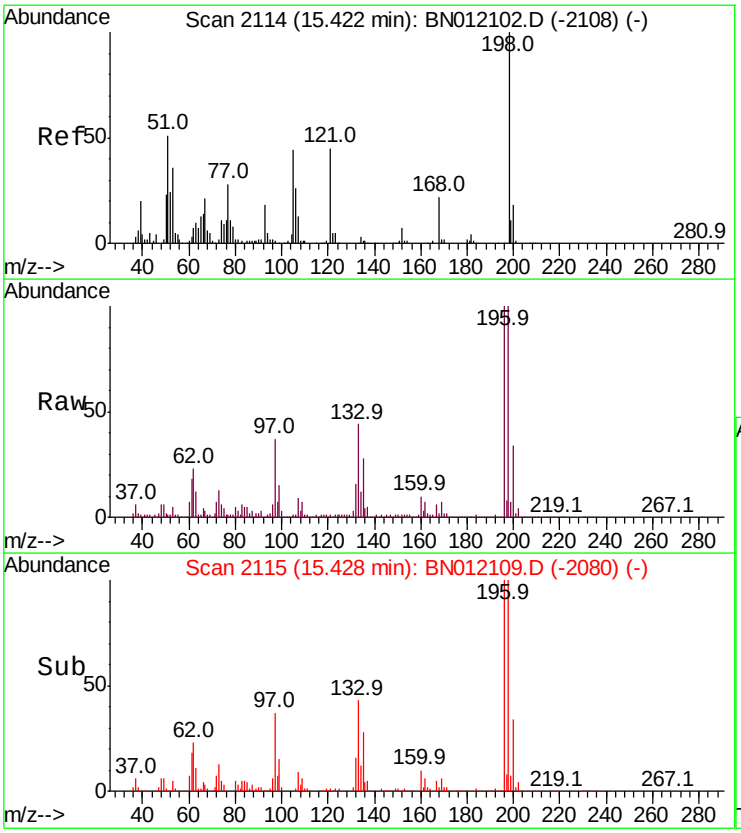
#59
Fluorene
Concen: 6.363 ng/ul
RT: 15.34 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion:166 Resp: 427491

Ion	Ratio	Lower	Upper
166	100		
165	105.4	79.0	118.6
167	16.1	10.5	15.7#

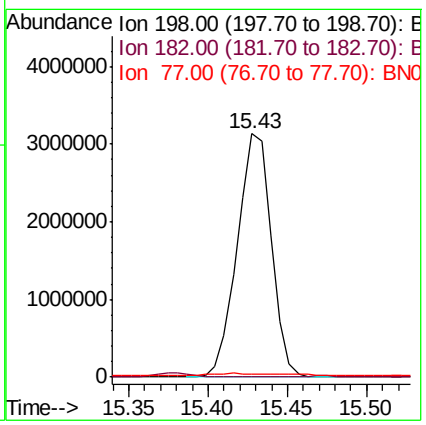


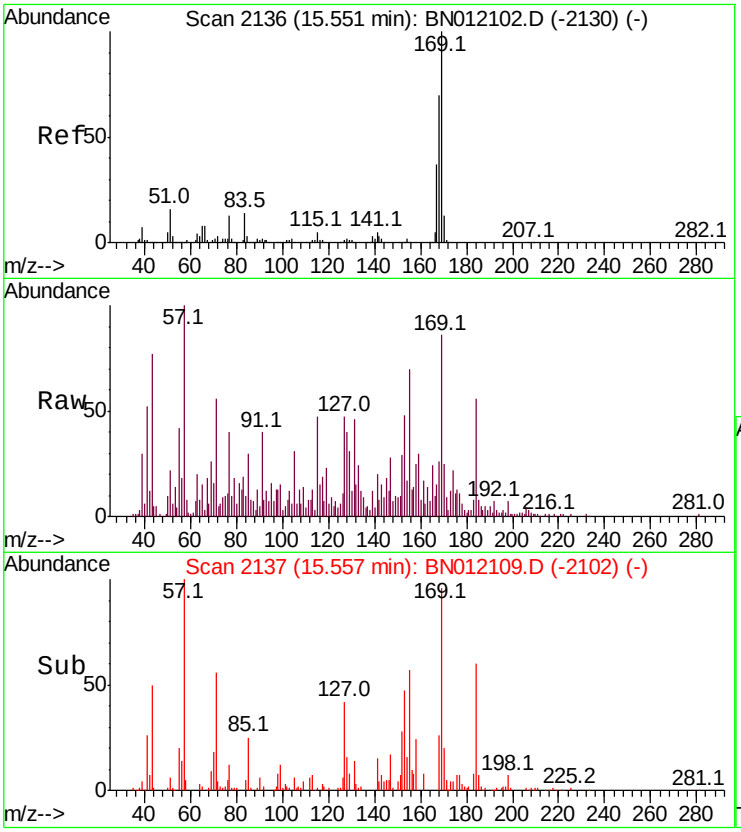


#64
4,6-Dinitro-2-methylphenol
Concen: 423.541 ng/ul
RT: 15.43 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:198 Resp: 4693063

Ion	Ratio	Lower	Upper
198	100		
182	0.1	3.6	5.4#
77	1.4	24.5	36.7#



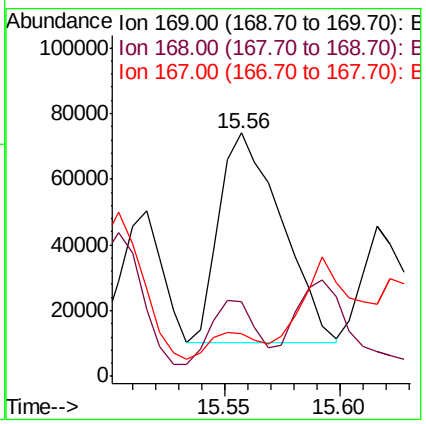


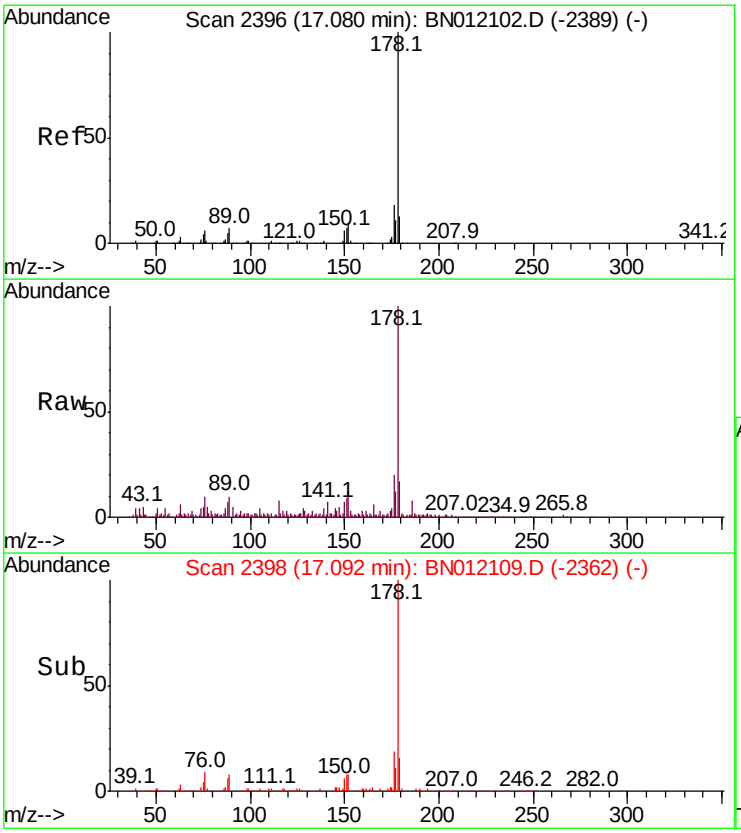
#65
N-Nitrosodiphenylamine
Concen: 2.372 ng/ul
RT: 15.56 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion:169 Resp: 120777

Ion	Ratio	Lower	Upper
169	100		
168	30.6	52.8	79.2#
167	17.5	27.8	41.8#

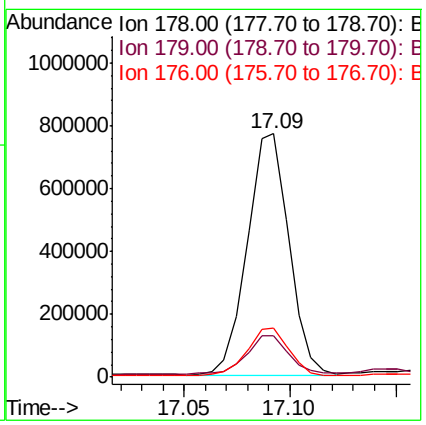


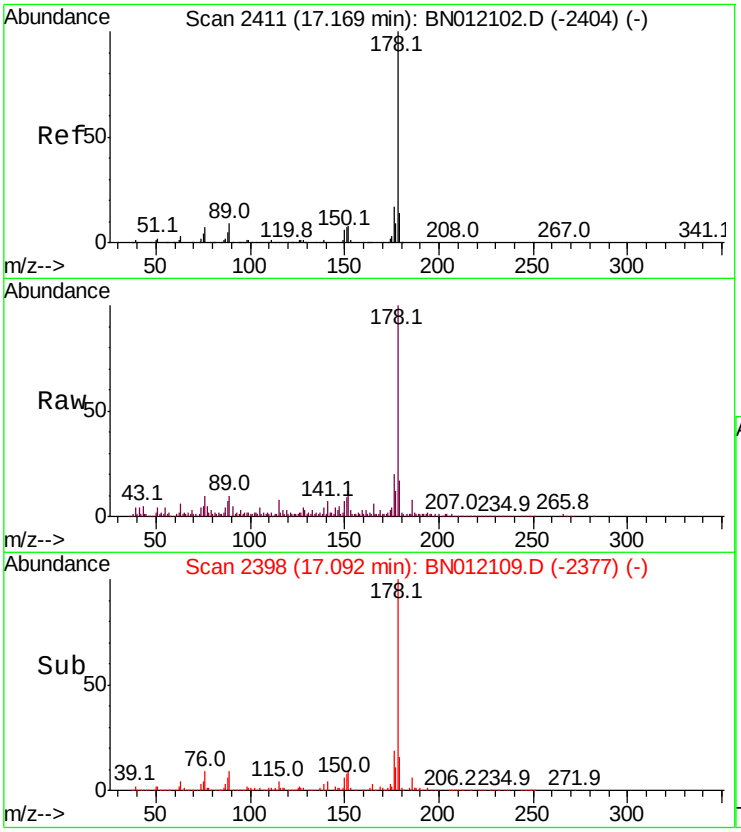


#70
Phenanthrene
Concen: 10.819 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:178 Resp: 1052066

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.2	18.2
176	19.9	15.4	23.2



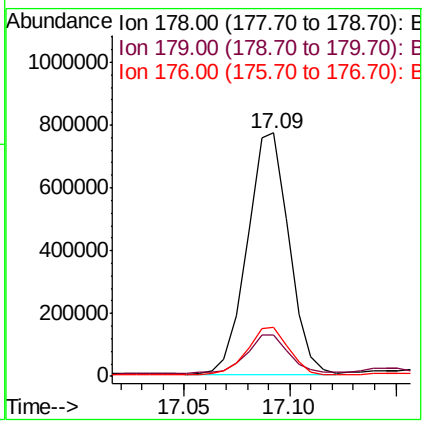


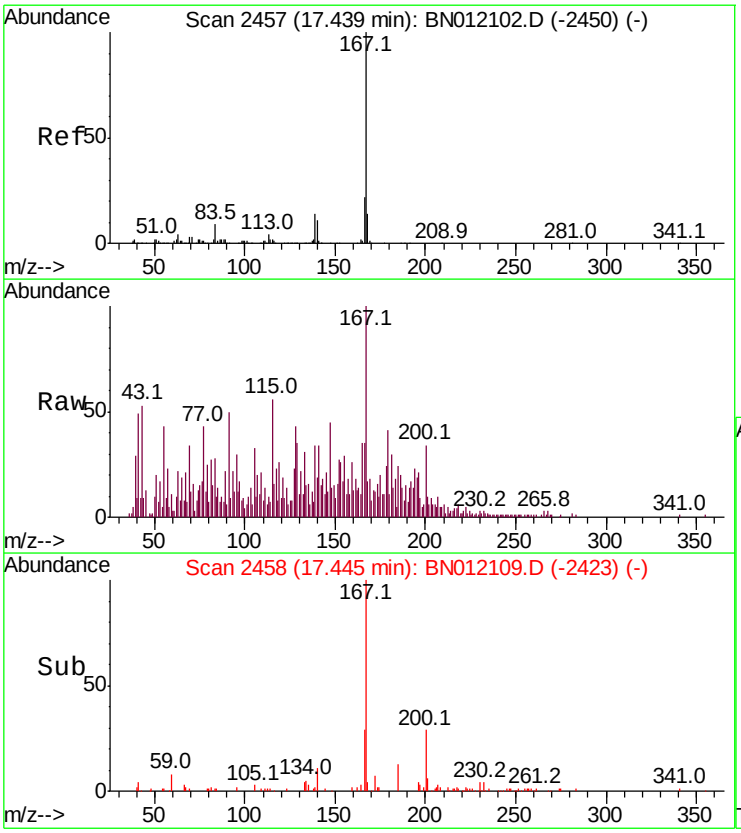
#72
Anthracene
Concen: 10.714 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. -0.08 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion:178 Resp: 1052066

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	19.9	15.0	22.6

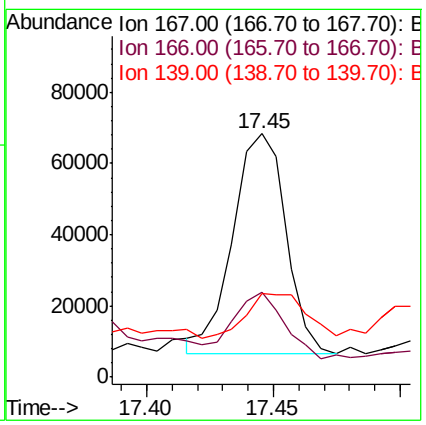


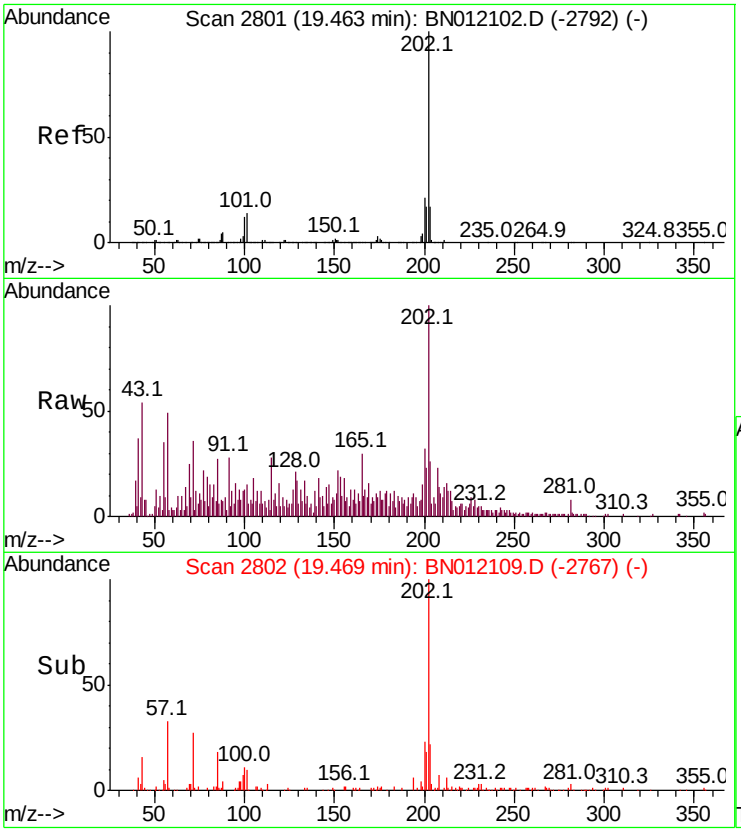


#75
Carbazole
Concen: 1.050 ng/ul
RT: 17.45 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:167 Resp: 89517

Ion	Ratio	Lower	Upper
167	100		
166	35.0	17.4	26.0#
139	34.5	10.9	16.3#





#80
Pyrene
Concen: 1.226 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Instrument :
BNA_N
ClientSampleId :
C5CF7

Tgt Ion:202 Resp: 135302

Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.2	15.2#
100	12.6	8.8	13.2