Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006487.D
Acq On : 22 Jun 2019 14:04
Operator : HP/JU
Sample : K3362-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41R5

Quant Time: Jun 24 04:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 22:42:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	271761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1210129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	698122	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1519224	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1130208	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1090178	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	29195	4.20	ng/uL	0.00
5) Phenol-d5	6.80	99	666967	23.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	421119	23.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	502281	23.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	499541	21.76	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	244806	25.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	274147	25.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	502343	24.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	639740	27.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1622739	26.52	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1984937	26.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	261668	25.03	ng/ul	0.00
57) Fluorene-d10	15.28	176	1383151	26.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	196648	20.45	ng/ul	0.00
70) Anthracene-d10	17.13	188	2091663	27.35	ng/ul	0.00
78) Pyrene-d10	19.45	212	2160084	32.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1717884	27.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	142329	20.193	ng/uL	95
4) Benzaldehyde	6.77	77	532825	45.586	ng/ul	98
6) Phenol	6.83	94	876527	31.419	ng/ul	100
10) 2-Chlorophenol	7.19	128	432625	21.161	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.43	70	421333	22.776	ng/ul	99
20) Nitrobenzene	8.82	77	461273	19.727	ng/ul	97
23) 2-Nitrophenol	9.53	139	236810	22.292	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	429595	23.172	ng/ul	99
28) Naphthalene	10.45	128	981396	15.405	ng/ul	100
31) Hexachlorobutadiene	10.73	225	246278	22.865	ng/ul	96
33) 4-Chloro-3-methylphenol	11.70	107	841234	37.722	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	392405	18.951	ng/ul	97
38) 2,4,6-Trichlorophenol	12.70	196	511736	38.027	ng/ul	99
40) 1,1'-Biphenyl	13.10	154	1366266	24.734	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	652746	15.239	ng/ul	99
44) Dimethylphthalate	13.74	163	1204732	21.358	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	258164	23.485	ng/ul	99
49) Acenaphthene	14.35	153	967936	20.438	ng/ul	99
52) 4-Nitrophenol	14.52	109	174017	23.794	ng/ul	98
53) Dibenzofuran	14.68	168	1117200	17.023	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.92	232	275615	22.116	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.33	204	417319	16.056	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.44	198	330136	35.096	ng/ul	98

Quantitation Report (LSC Reviewed)

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Operator : HP/JU
Sample : K3362-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41R5

Quant Time: Jun 24 04:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 22:42:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
66) Hexachlorobenzene	16.35	284	322305	18.475 ng/ul	97
68) Pentachlorophenol	16.69	266	332252	39.077 ng/ul	98
69) Phenanthrene	17.08	178	1411886	16.849 ng/ul	99
71) Anthracene	17.17	178	1672623	19.664 ng/ul	100
74) Carbazole	17.45	167	1451883	19.778 ng/ul	99
75) Di-n-butylphthalate	18.01	149	1678055	17.906 ng/ul	99
76) Fluoranthene	19.11	202	3341232	36.998 ng/ul	99
79) Pyrene	19.47	202	2397353	31.155 ng/ul	100
80) Butylbenzylphthalate	20.39	149	709728	20.570 ng/ul	99
82) Benzo(a)anthracene	21.25	228	2455412	31.785 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1302391	26.323 ng/ul	98
84) Chrysene	21.30	228	1693021	23.028 ng/ul	99
87) Benzo(b)fluoranthene	22.83	252	1579944	24.148 ng/ul	99
90) Benzo(a)pyrene	23.40	252	1392764	22.200 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.73	276	1711537	23.052 ng/ul	99
92) Dibenzo(a,h)anthracene	25.74	278	1109550	18.046 ng/ul	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
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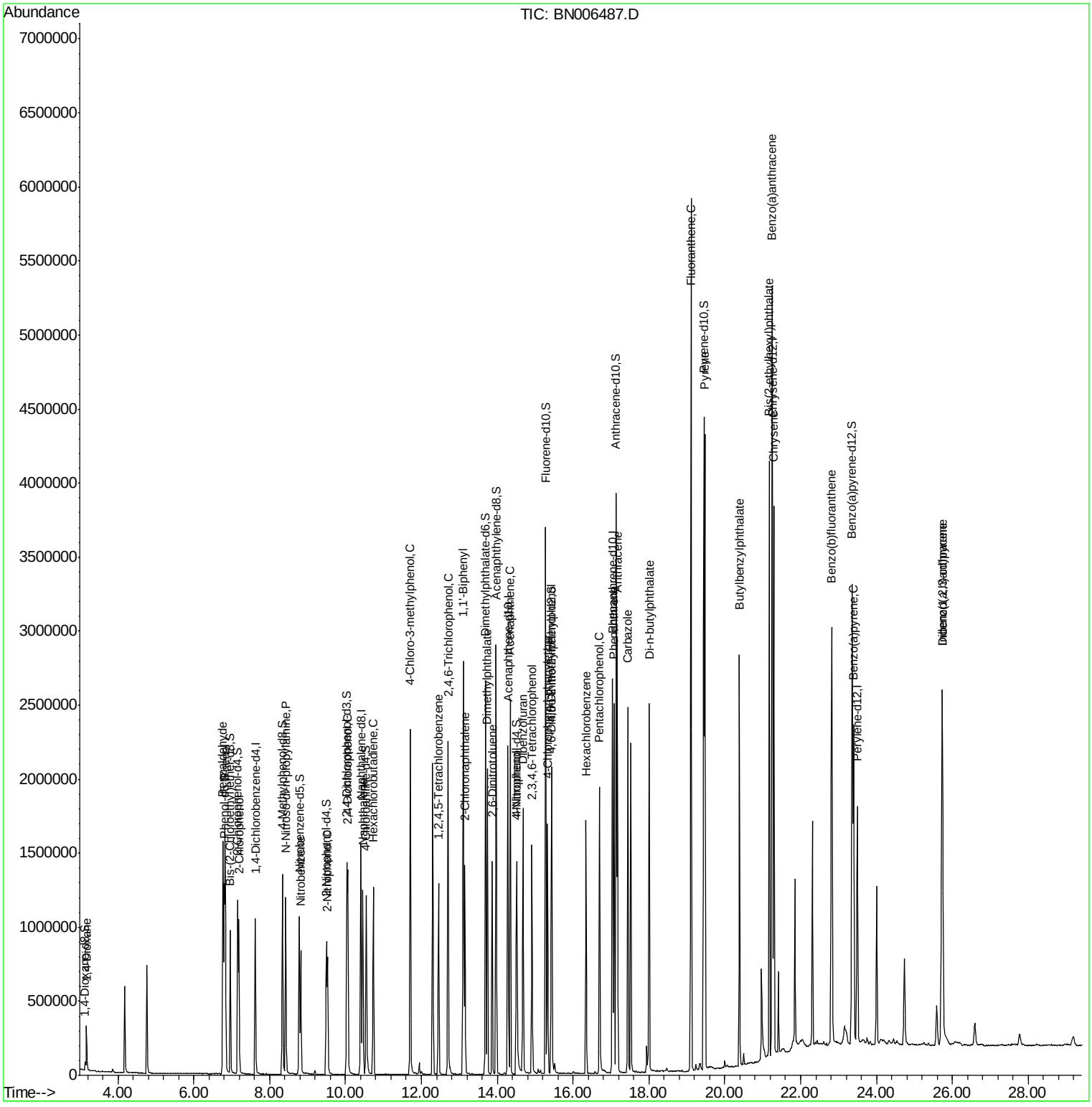
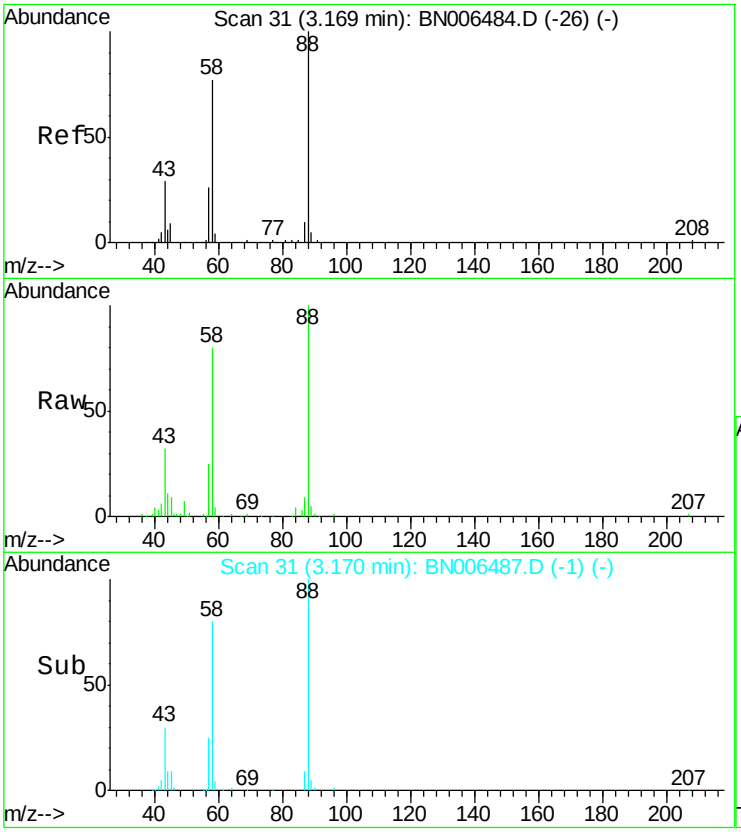
Acq On : 22 Jun 2019 14:04
Operator : HP/JU
Sample : K3362-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41R5

Quant Time: Jun 24 04:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 22:42:34 2019
Response via : Initial Calibration



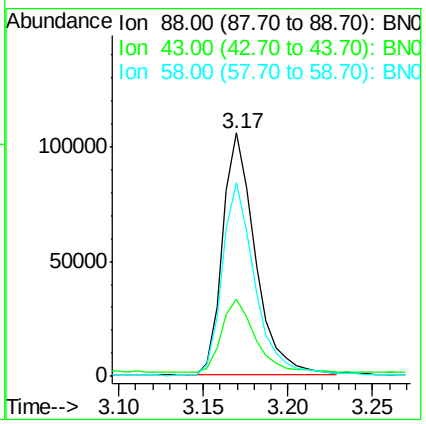


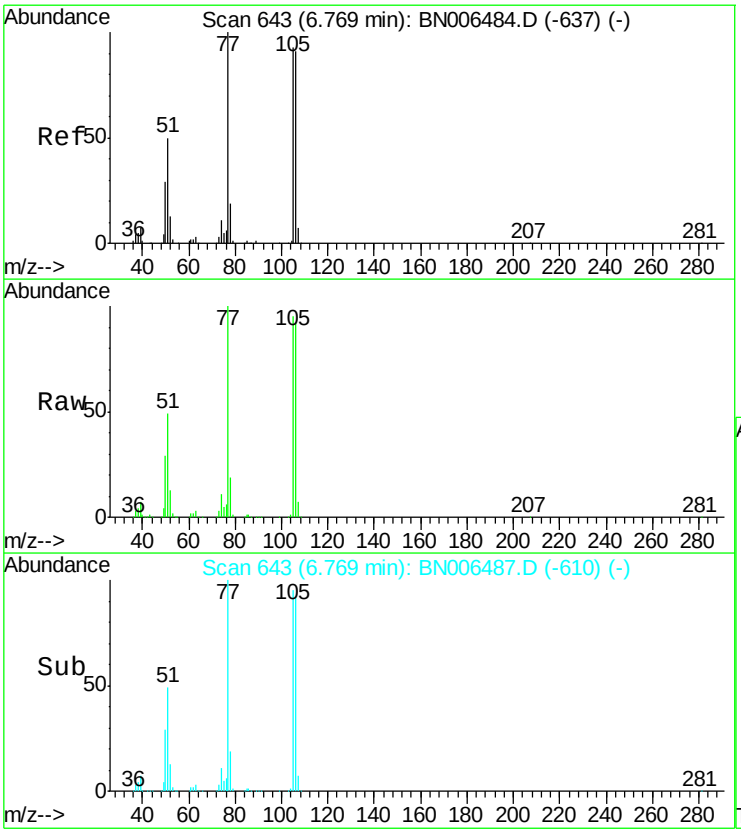
#2
1,4-Dioxane
Concen: 20.193 ng/uL
RT: 3.17 min Scan# 31
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion: 88 Resp: 142329

Ion	Ratio	Lower	Upper
88	100		
43	32.0	27.8	41.6
58	79.8	60.2	90.2

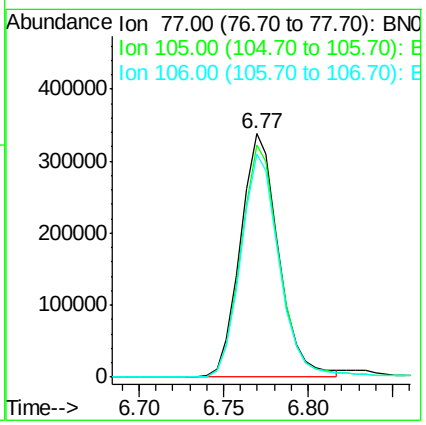


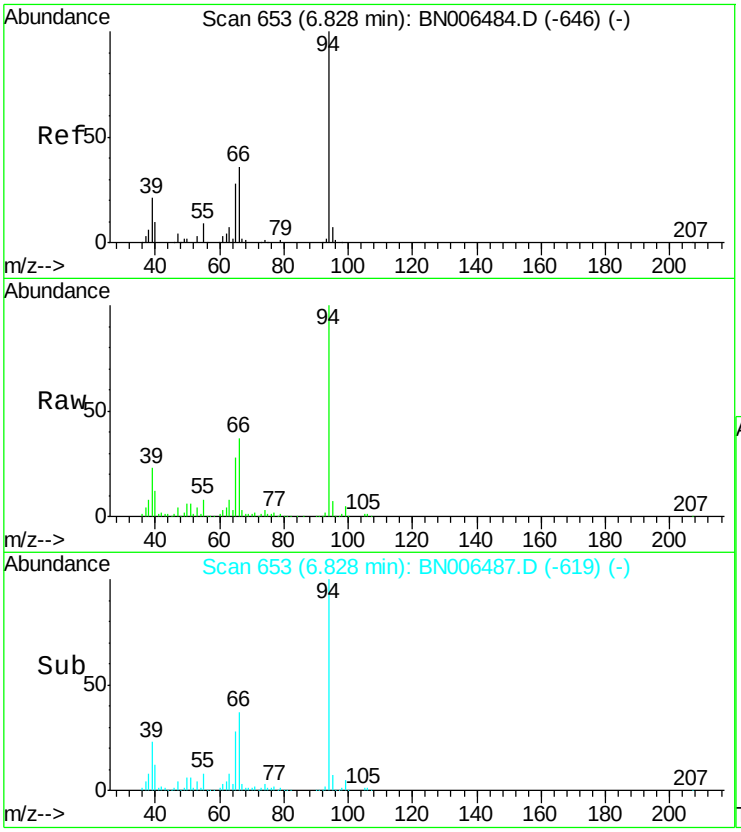


#4
Benzaldehyde
Concen: 45.586 ng/ul
RT: 6.77 min Scan# 643
Delta R.T. -0.01 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion: 77 Resp: 532825

Ion	Ratio	Lower	Upper
77	100		
105	95.4	74.1	111.1
106	91.9	72.7	109.1



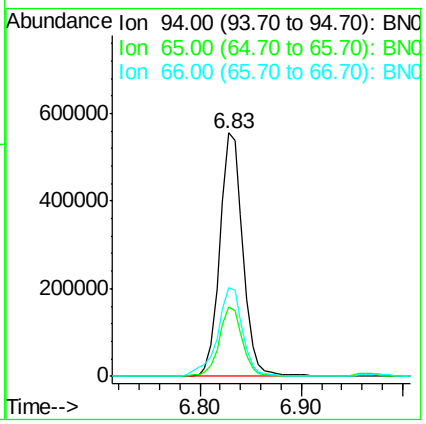


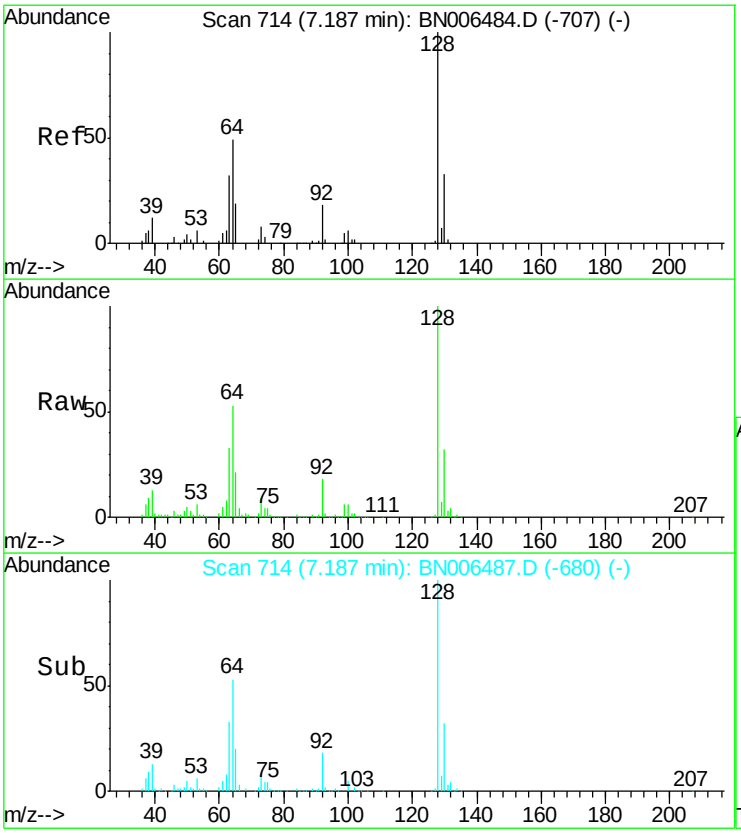
#6
Phenol
Concen: 31.419 ng/ul
RT: 6.83 min Scan# 653
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion: 94 Resp: 876527

Ion	Ratio	Lower	Upper
94	100		
65	28.3	22.5	33.7
66	36.7	29.5	44.3

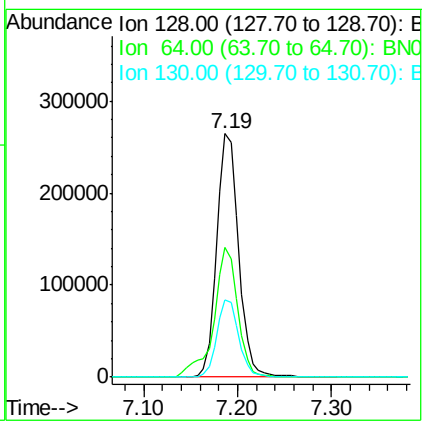


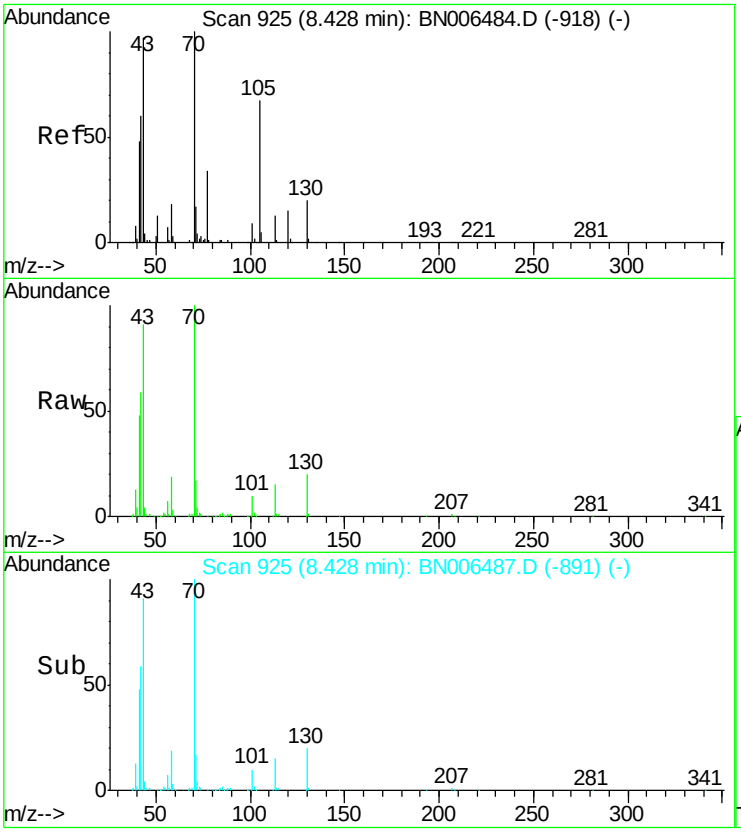


#10
2-Chlorophenol
Concen: 21.161 ng/ul
RT: 7.19 min Scan# 714
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:128 Resp: 432625

Ion	Ratio	Lower	Upper
128	100		
64	53.1	42.4	63.6
130	32.0	26.6	39.8



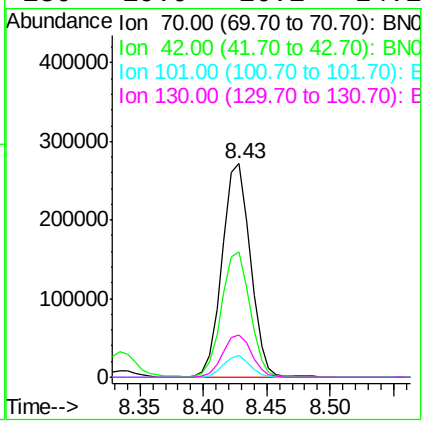


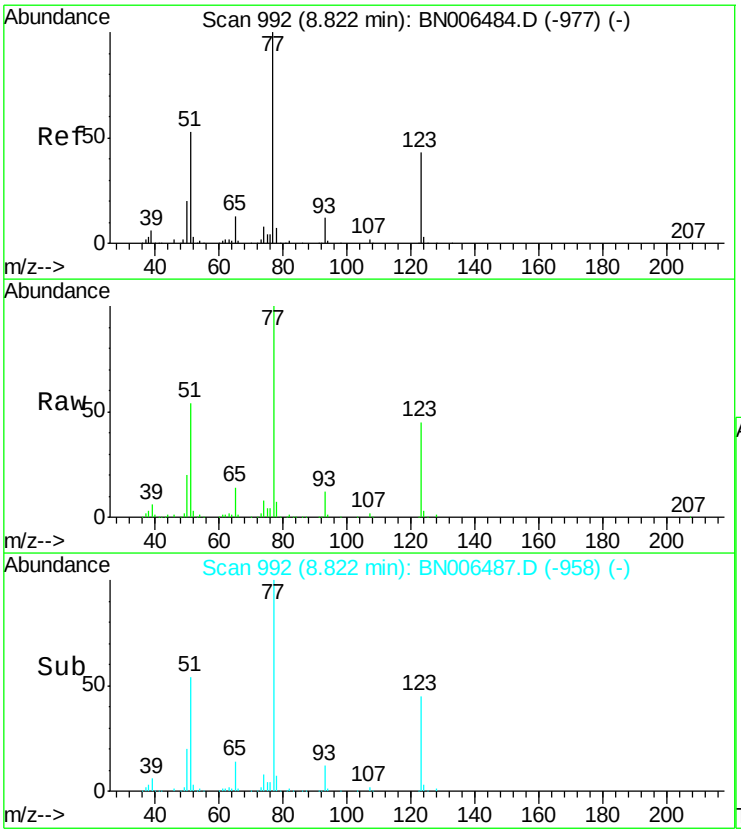
#15
N-Nitroso-di-n-propylamine
Concen: 22.776 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion: 70 Resp: 421333

Ion	Ratio	Lower	Upper
70	100		
42	58.7	48.0	72.0
101	10.0	7.4	11.0
130	19.9	16.1	24.1

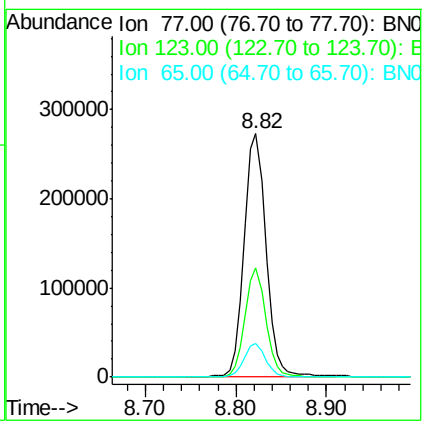


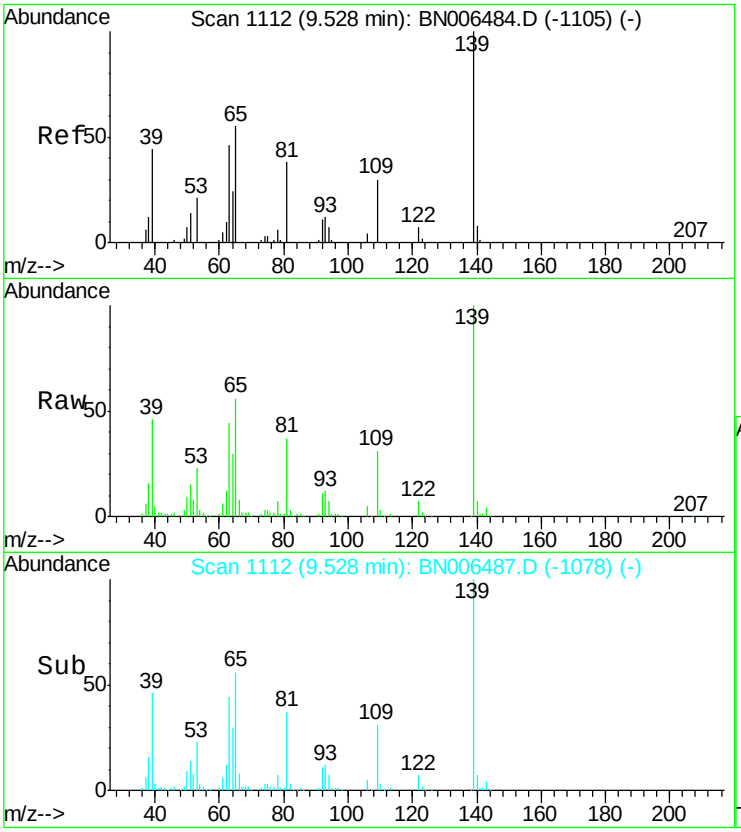


#20
Nitrobenzene
Concen: 19.727 ng/ul
RT: 8.82 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion: 77 Resp: 461273

Ion	Ratio	Lower	Upper
77	100		
123	44.6	33.7	50.5
65	13.7	10.6	15.8



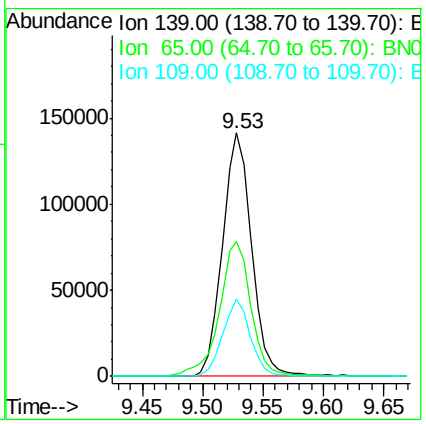


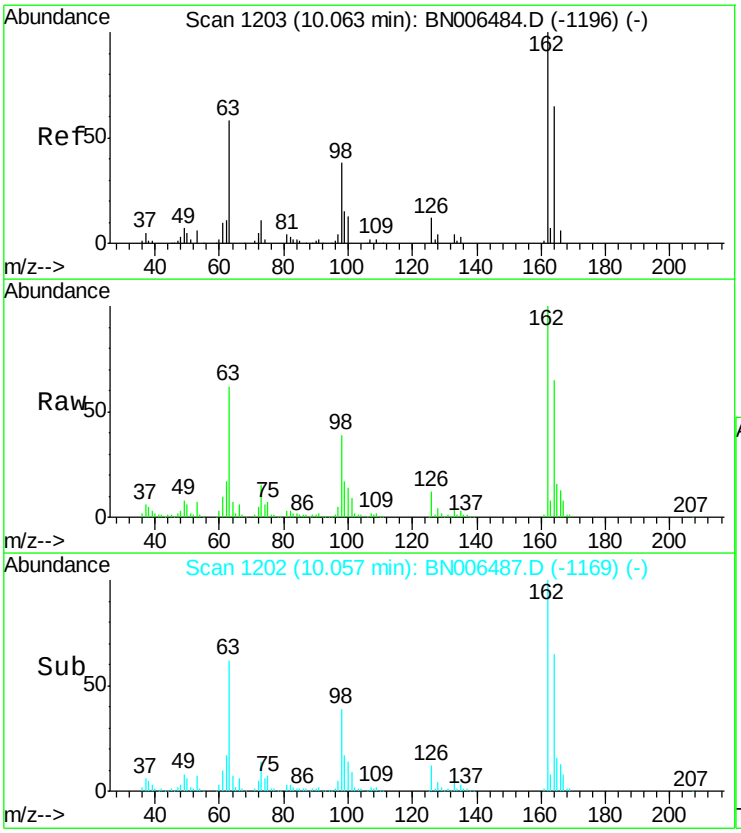
#23
2-Nitrophenol
Concen: 22.292 ng/ul
RT: 9.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:139 Resp: 236810

Ion	Ratio	Lower	Upper
139	100		
65	55.6	44.1	66.1
109	31.5	23.8	35.6

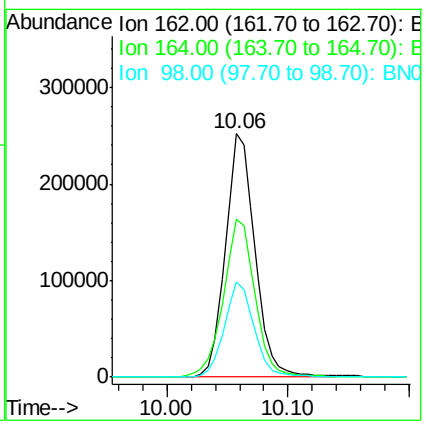


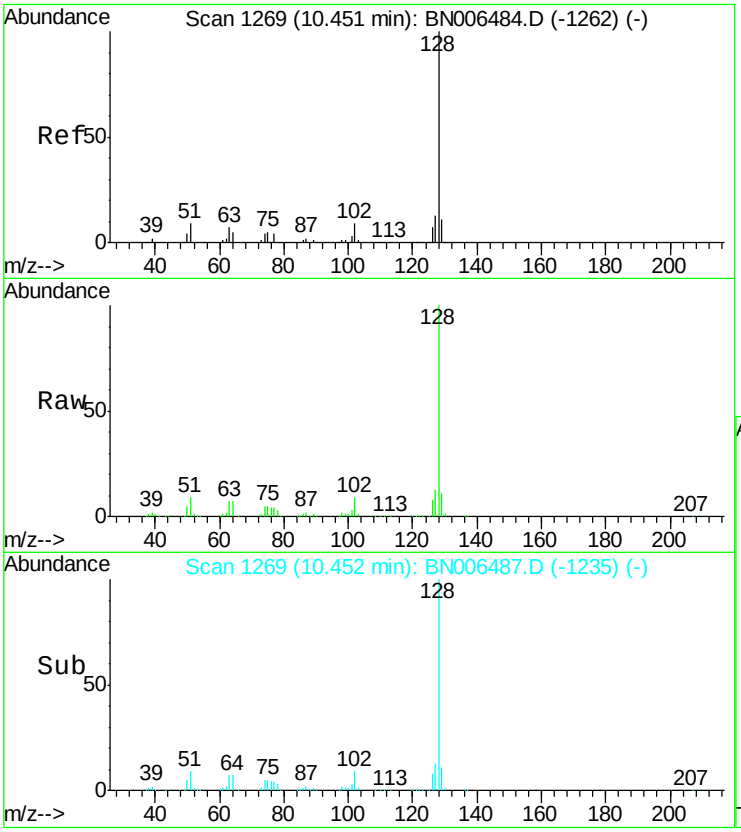


#27
2,4-Dichlorophenol
Concen: 23.172 ng/ul
RT: 10.06 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:162 Resp: 429595

Ion	Ratio	Lower	Upper
162	100		
164	65.1	52.6	79.0
98	39.0	30.9	46.3



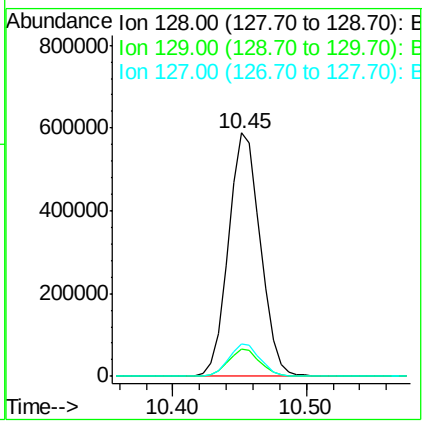


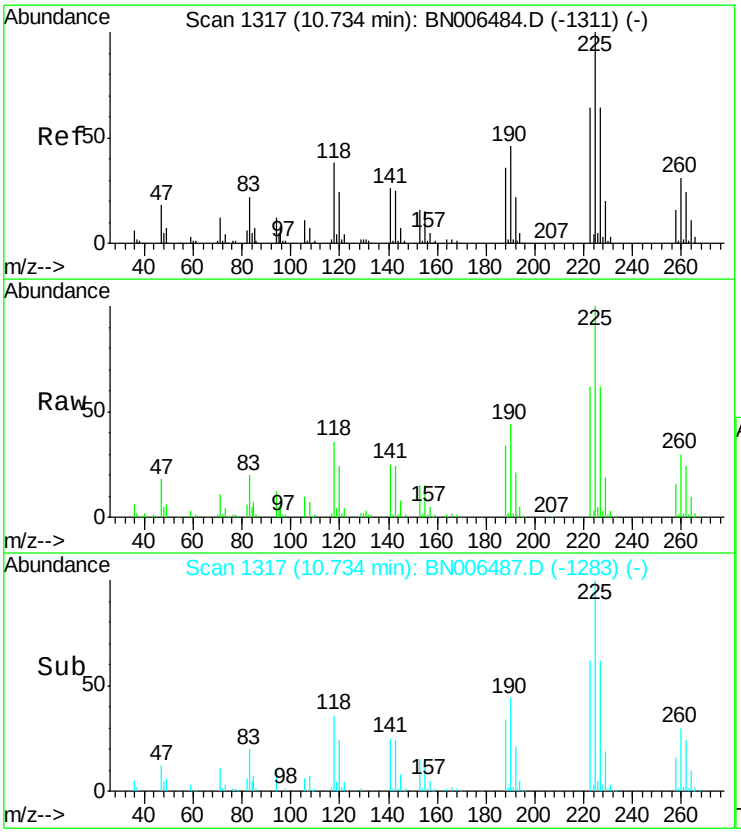
#28
Naphthalene
Concen: 15.405 ng/ul
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:128 Resp: 981396

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.4	15.6

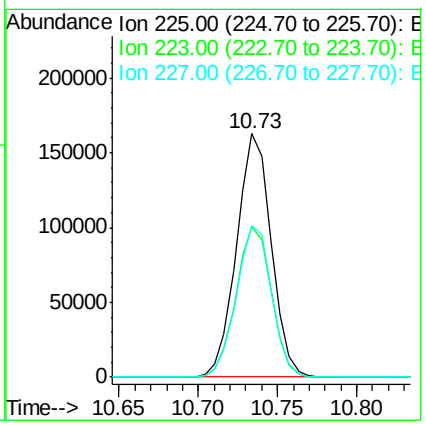


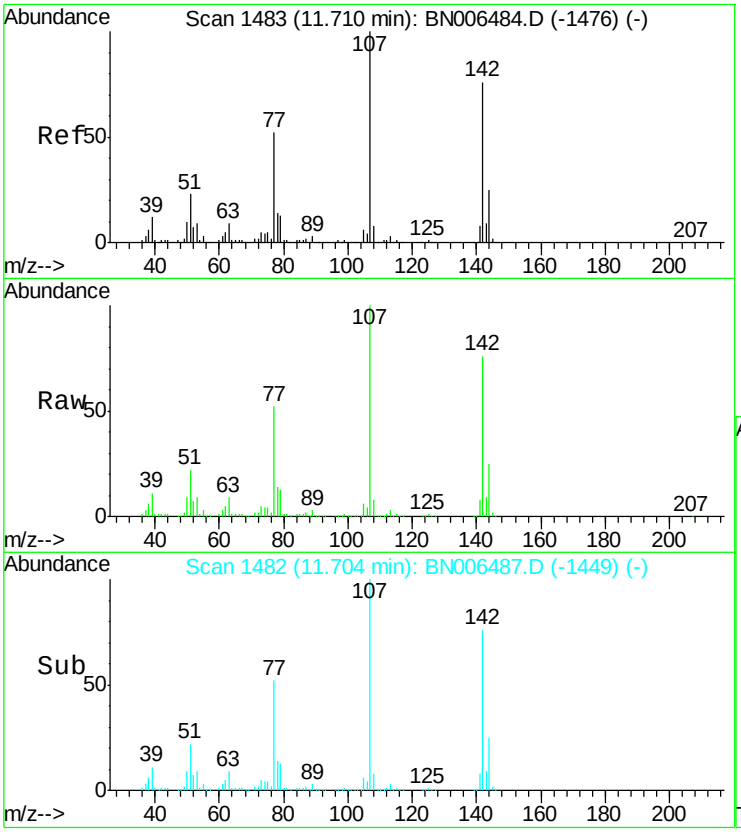


#31
Hexachlorobutadiene
Concen: 22.865 ng/ul
RT: 10.73 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:225 Resp: 246278

Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.3	76.9
227	62.1	52.1	78.1



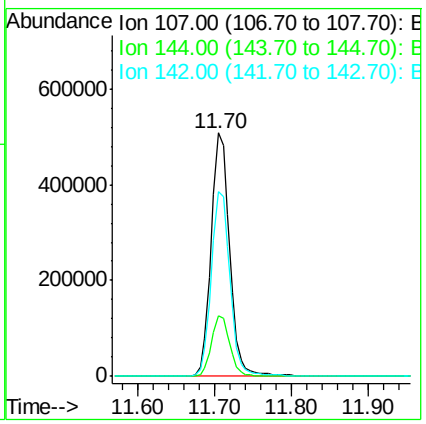


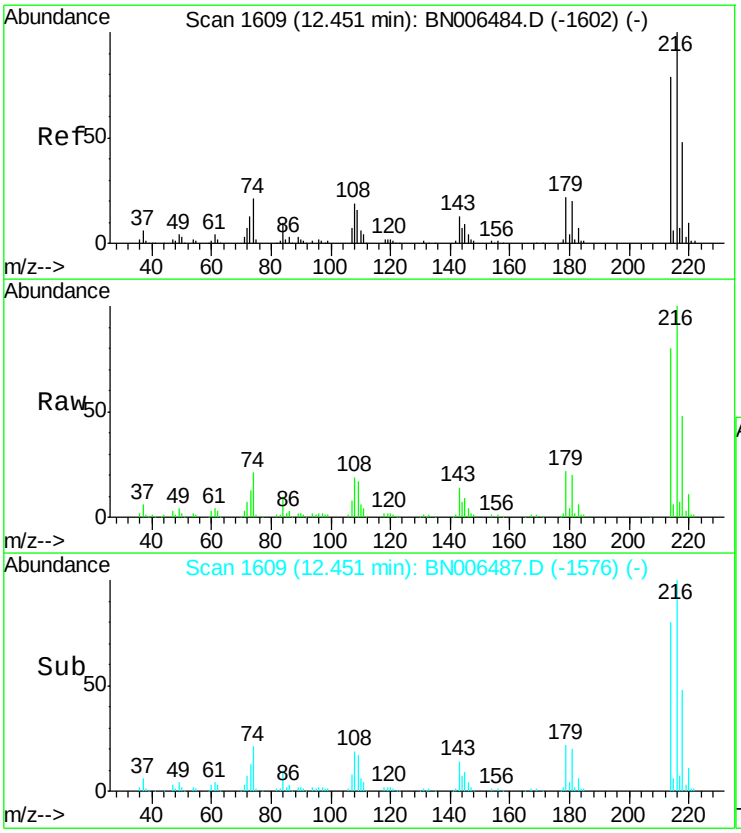
#33
4-Chloro-3-methylphenol
Concen: 37.722 ng/ul
RT: 11.70 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:107 Resp: 841234

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.7	31.1
142	75.7	60.8	91.2

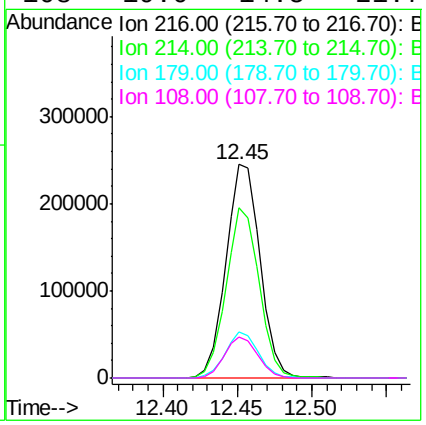


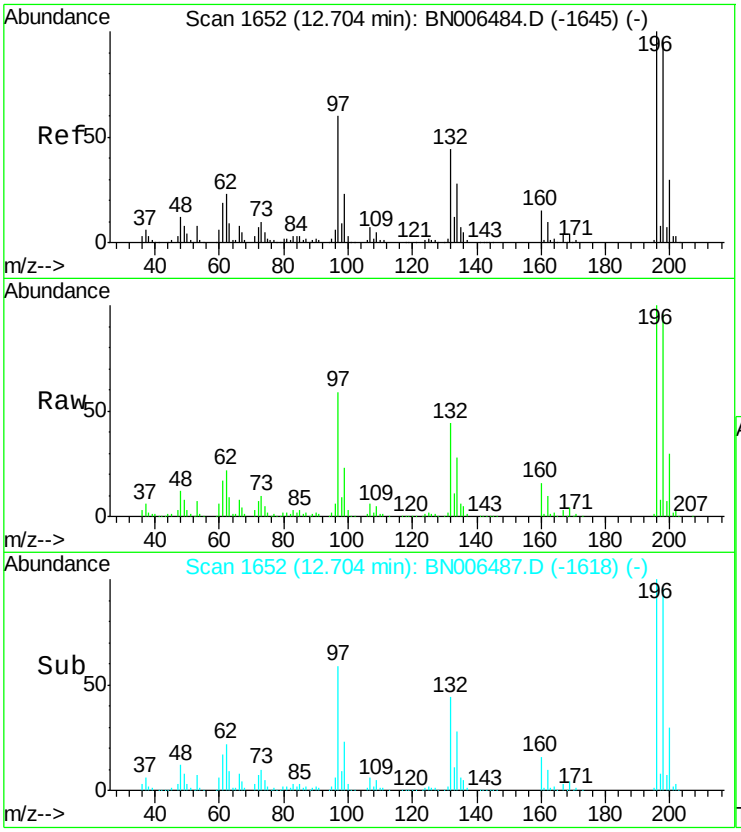


#36
1,2,4,5-Tetrachlorobenzene
Concen: 18.951 ng/ul
RT: 12.45 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:216 Resp: 392405

Ion	Ratio	Lower	Upper
216	100		
214	79.6	61.4	92.0
179	21.6	16.9	25.3
108	19.0	14.5	21.7



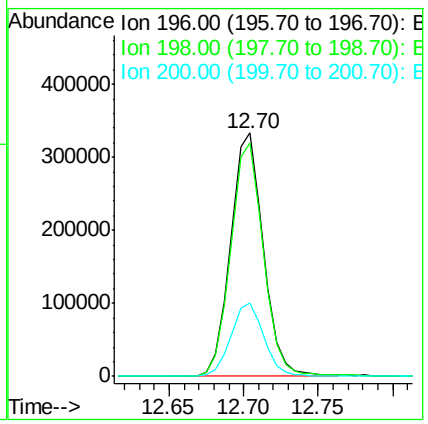


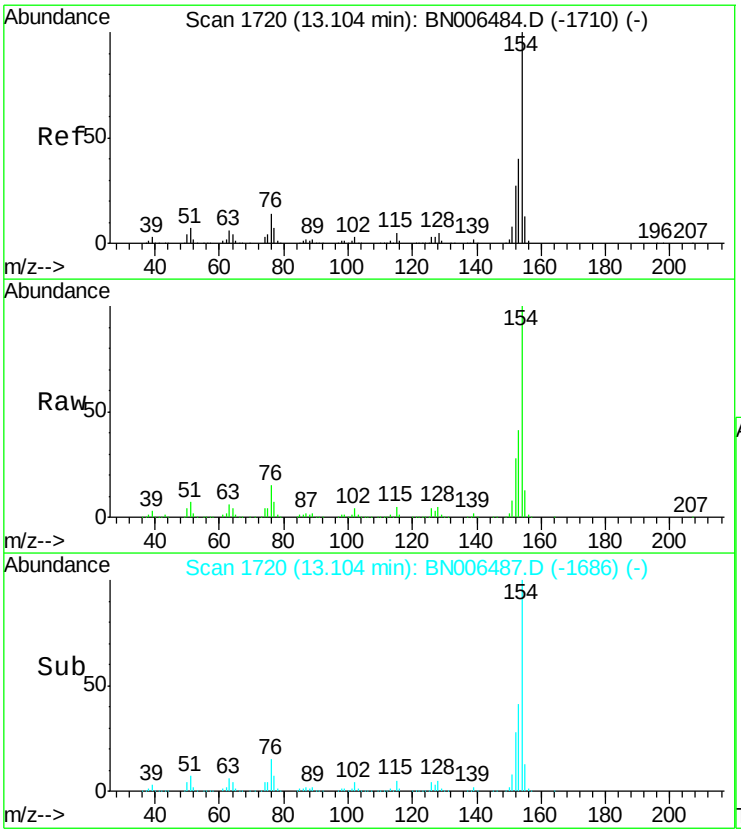
#38
2,4,6-Trichlorophenol
Concen: 38.027 ng/ul
RT: 12.70 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:196 Resp: 511736

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.7	115.1
200	30.2	24.8	37.2

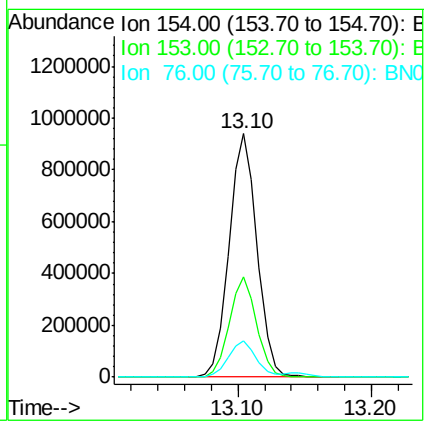


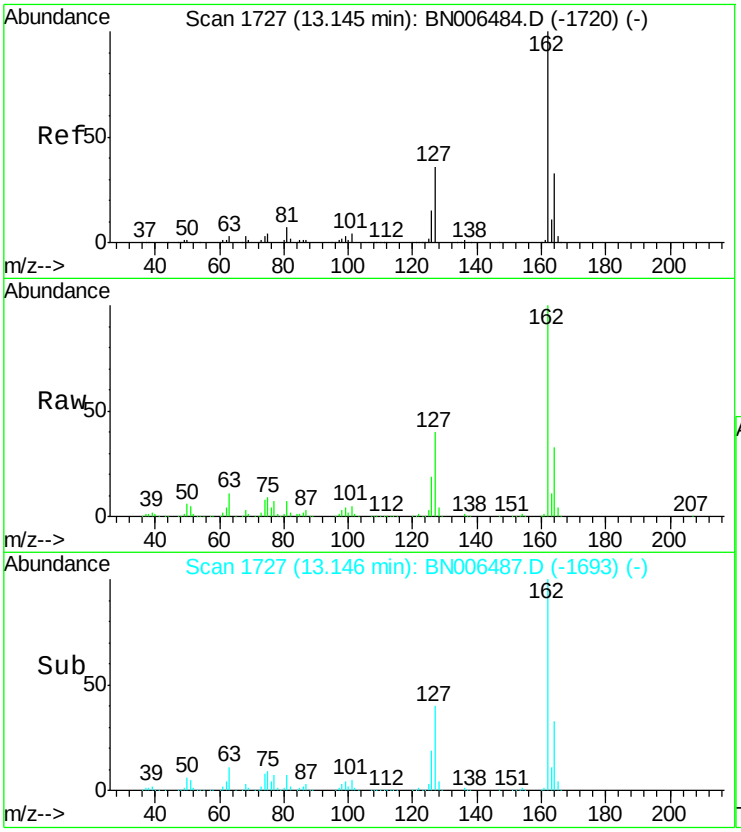


#40
1,1'-Biphenyl
Concen: 24.734 ng/ul
RT: 13.10 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:154 Resp: 1366266

Ion	Ratio	Lower	Upper
154	100		
153	40.9	32.1	48.1
76	14.9	11.5	17.3



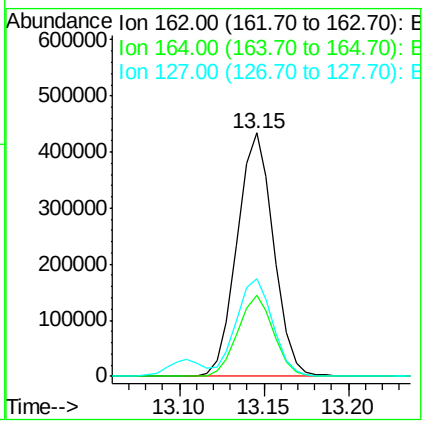


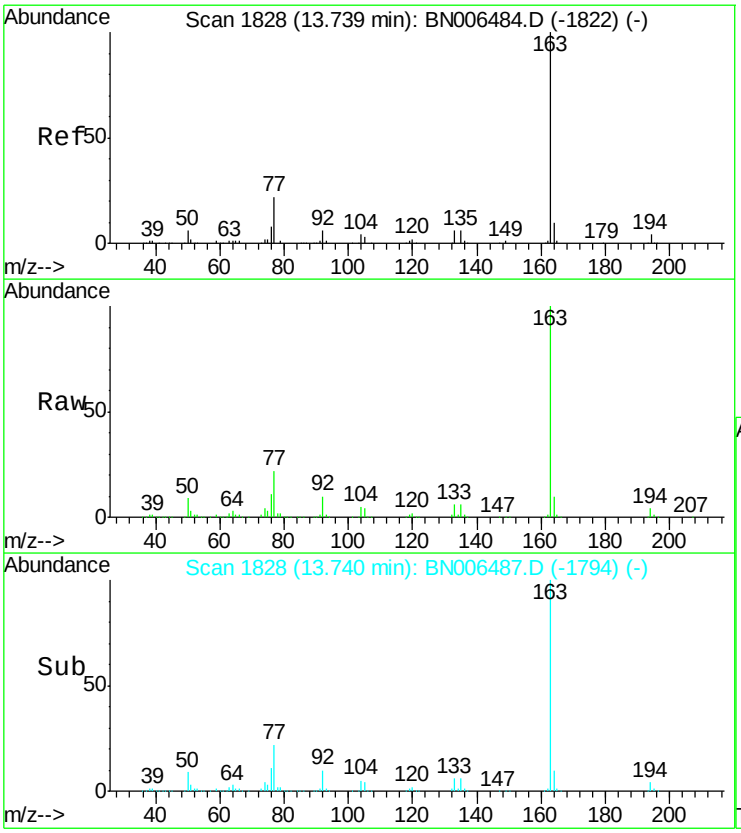
#41
2-Chloronaphthalene
Concen: 15.239 ng/ul
RT: 13.15 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument : BNA_N
ClientSampleId : A41R5

Tgt Ion:162 Resp: 652746

Ion	Ratio	Lower	Upper
162	100		
164	33.3	26.2	39.4
127	40.0	31.4	47.0

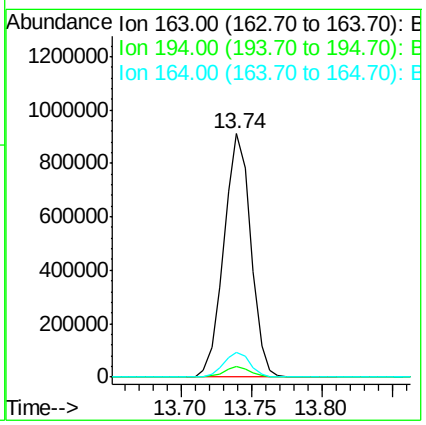


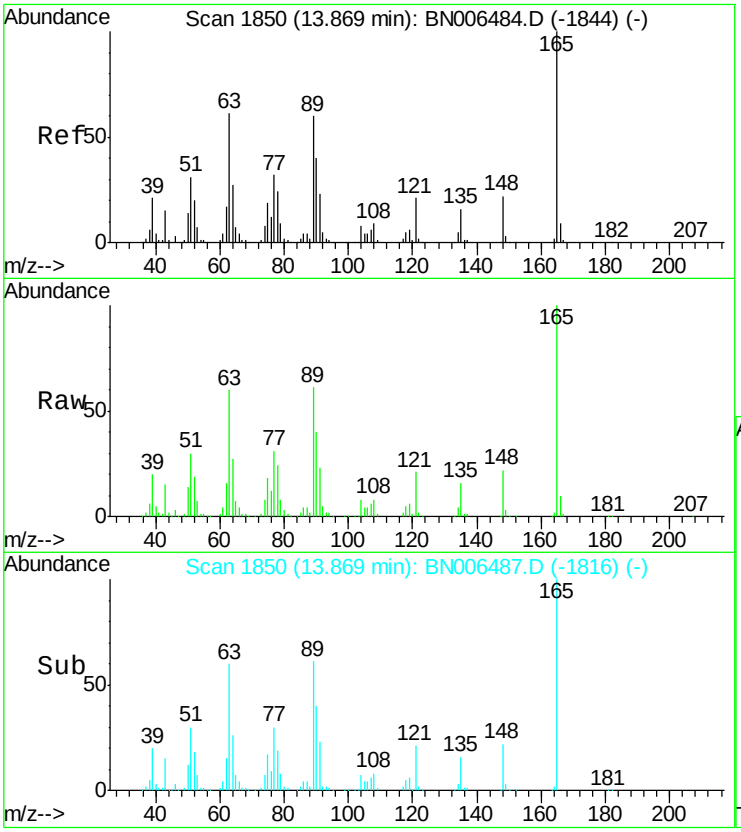


#44
Dimethylphthalate
Concen: 21.358 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:163 Resp: 1204732

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.0	8.0	12.0



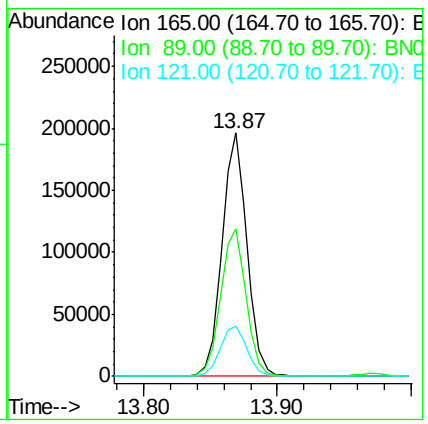


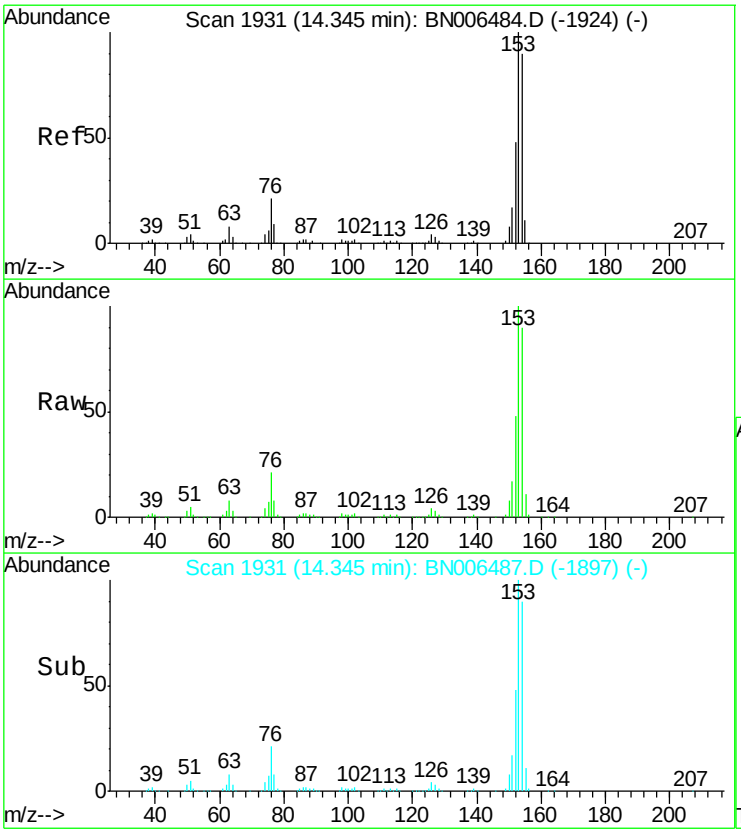
#45
2,6-Dinitrotoluene
Concen: 23.485 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:165 Resp: 258164

Ion	Ratio	Lower	Upper
165	100		
89	60.9	48.6	72.8
121	20.8	17.2	25.8

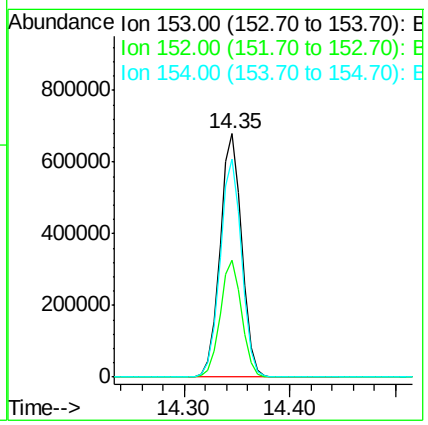


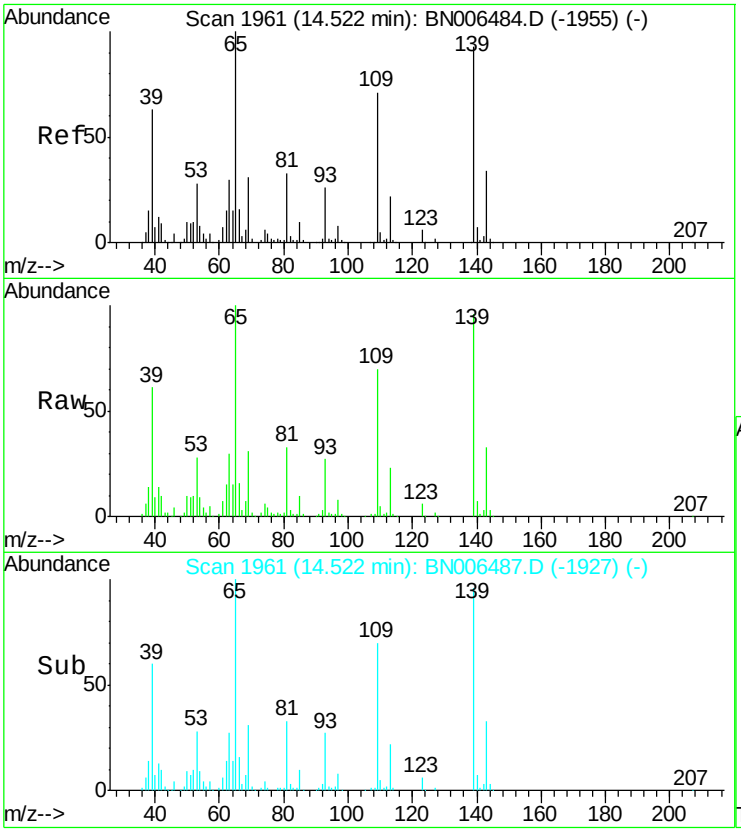


#49
Acenaphthene
Concen: 20.438 ng/ul
RT: 14.35 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:153 Resp: 967936

Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.8	56.6
154	89.5	71.2	106.8



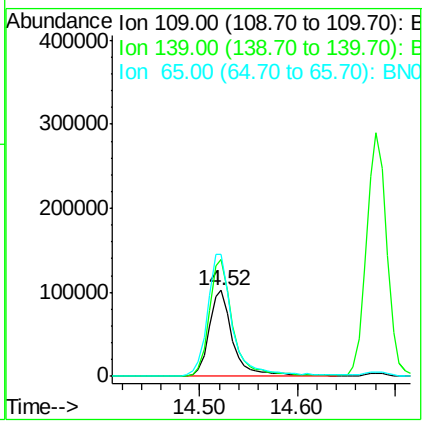


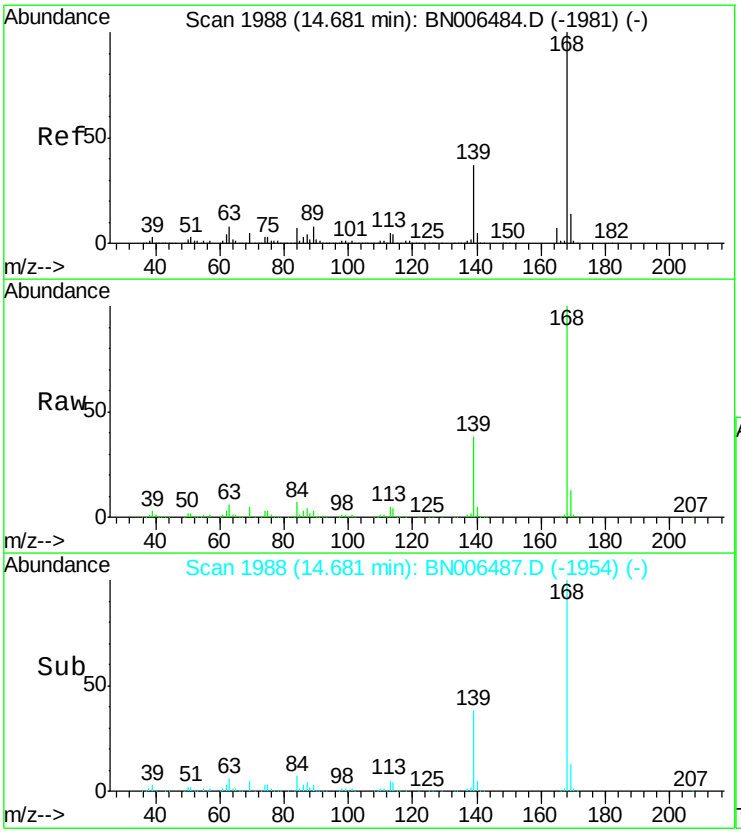
#52
4-Nitrophenol
Concen: 23.794 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:109 Resp: 174017

Ion	Ratio	Lower	Upper
109	100		
139	136.4	109.0	163.4
65	142.6	118.1	177.1

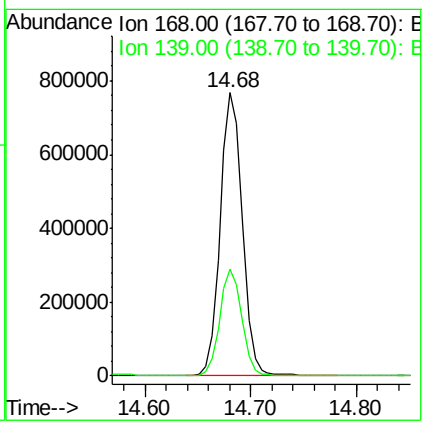


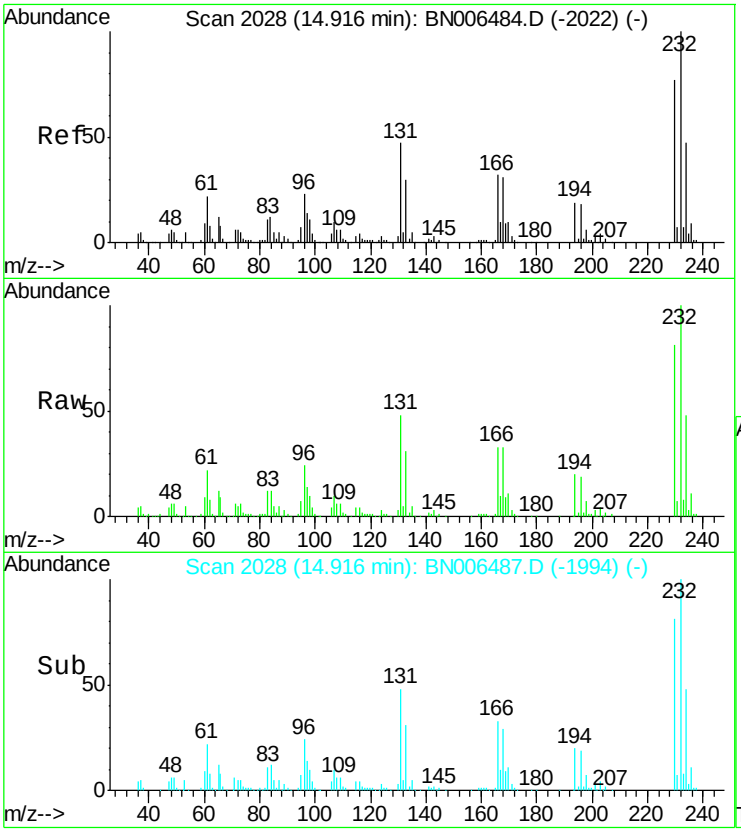


#53
Dibenzofuran
Concen: 17.023 ng/ul
RT: 14.68 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:168 Resp: 1117200

Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.4	44.0



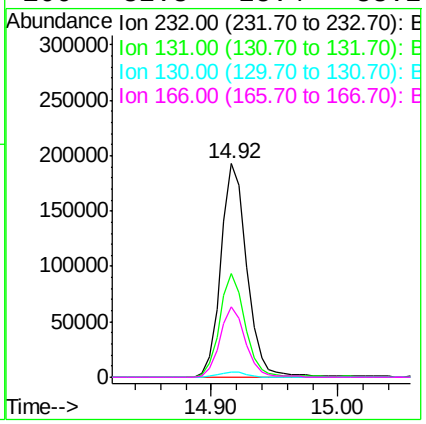


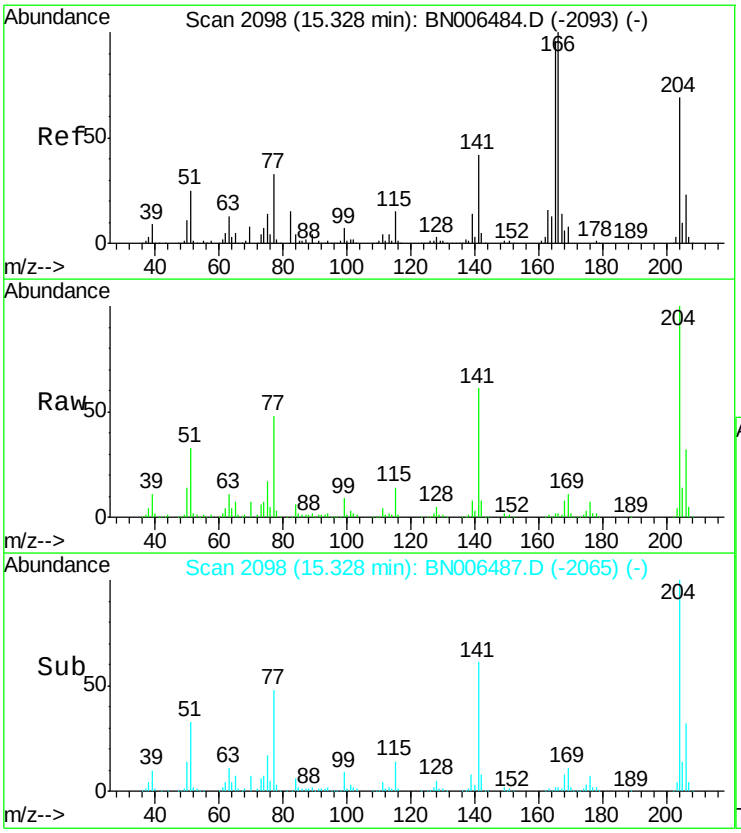
#55
2,3,4,6-Tetrachlorophenol
Concen: 22.116 ng/ul
RT: 14.92 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:232 Resp: 275615

Ion	Ratio	Lower	Upper
232	100		
131	48.4	37.8	56.6
130	2.5	2.0	3.0
166	32.8	25.4	38.2

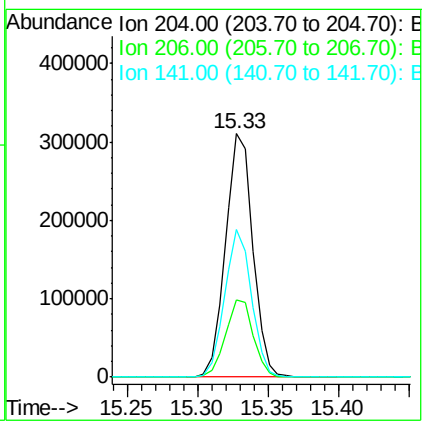


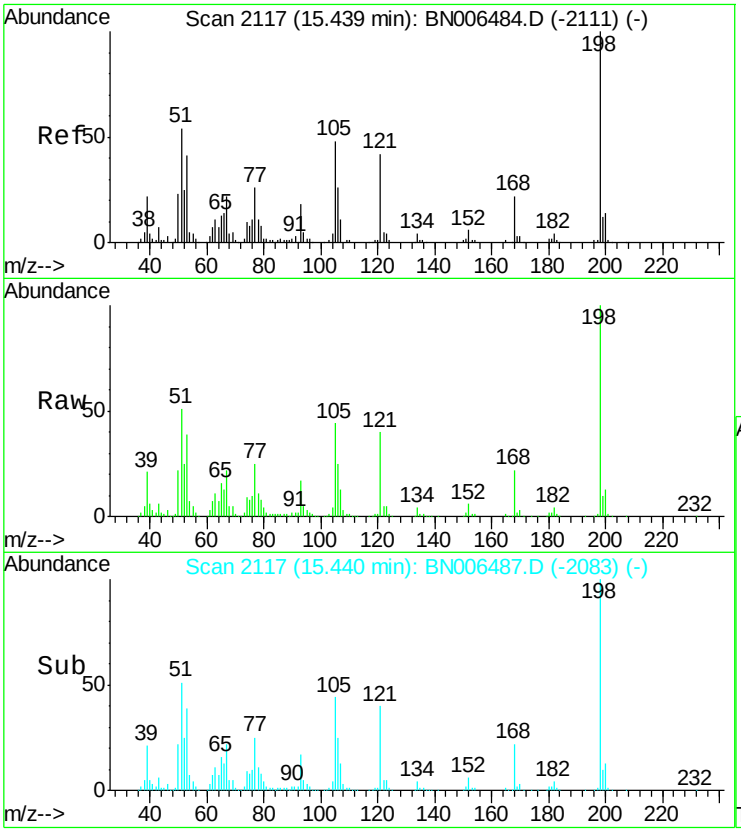


#59
4-Chlorophenyl-phenylether
Concen: 16.056 ng/ul
RT: 15.33 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:204 Resp: 417319

Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.3	39.5
141	60.8	47.5	71.3



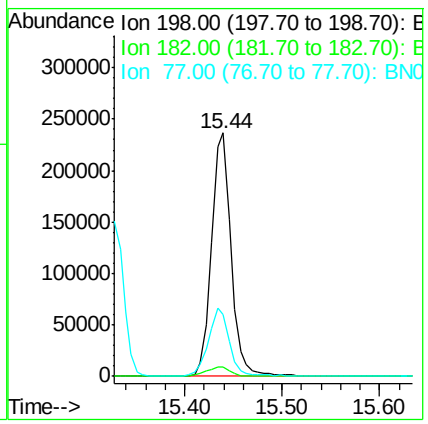


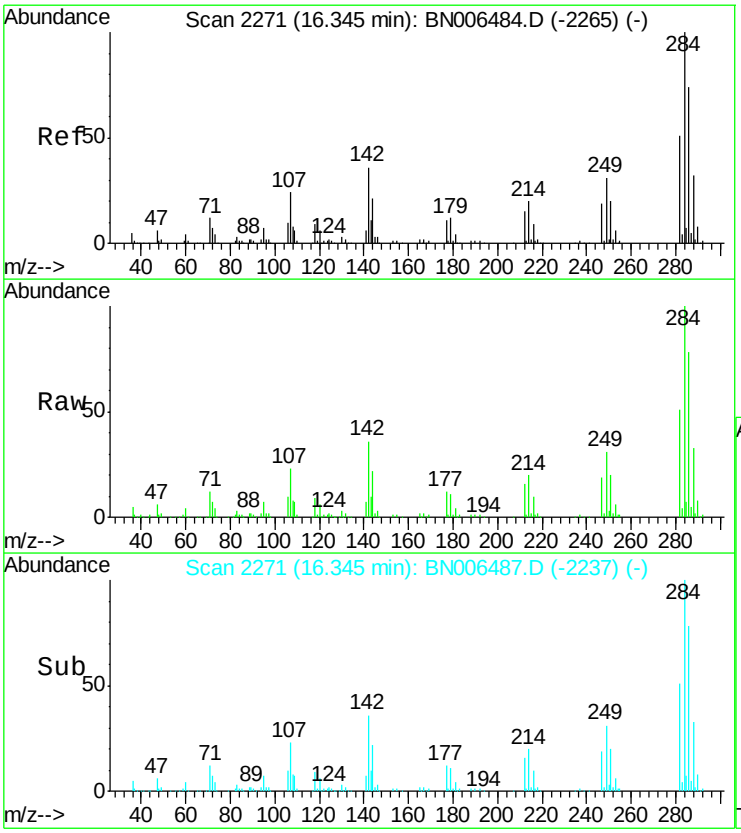
#63
4,6-Dinitro-2-methylphenol
Concen: 35.096 ng/ul
RT: 15.44 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:198 Resp: 330136

Ion	Ratio	Lower	Upper
198	100		
182	3.8	3.0	4.6
77	25.4	21.3	31.9

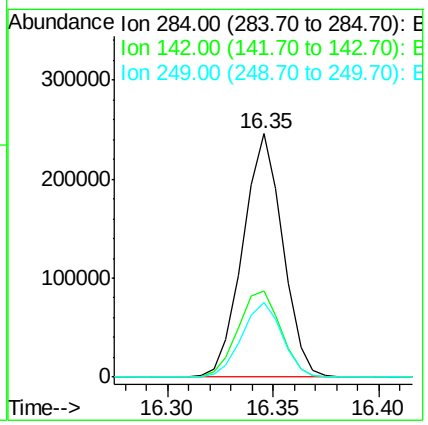


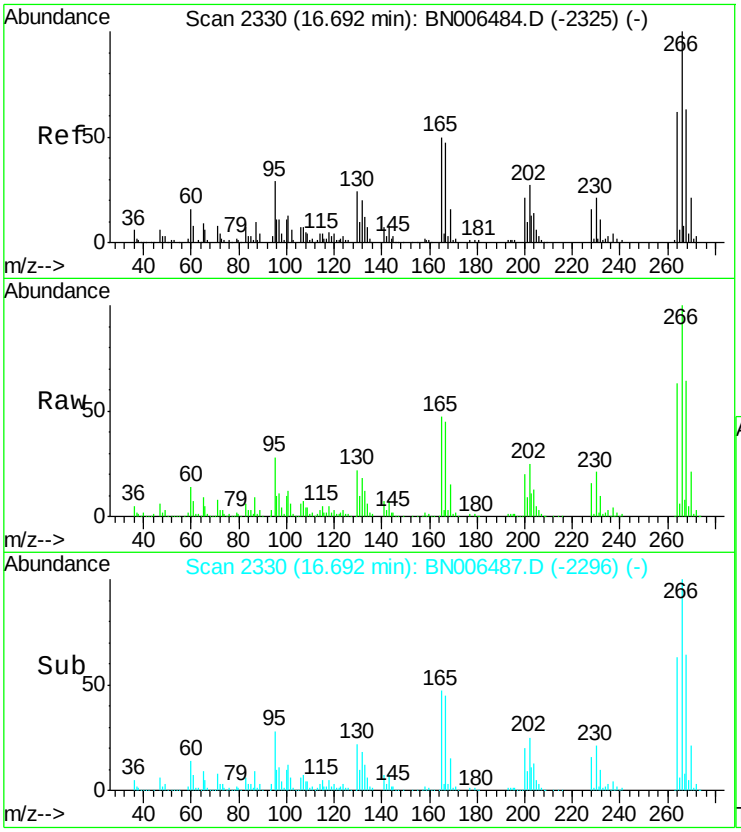


#66
Hexachlorobenzene
Concen: 18.475 ng/ul
RT: 16.35 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:284 Resp: 322305

Ion	Ratio	Lower	Upper
284	100		
142	35.6	30.6	45.8
249	30.6	24.7	37.1



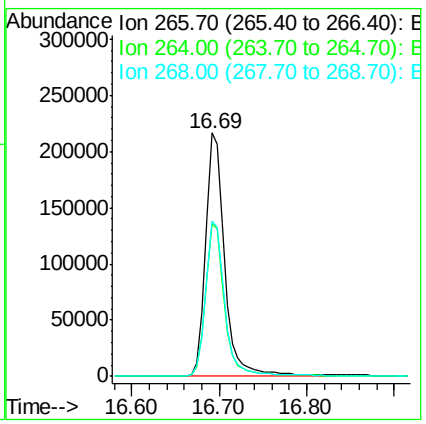


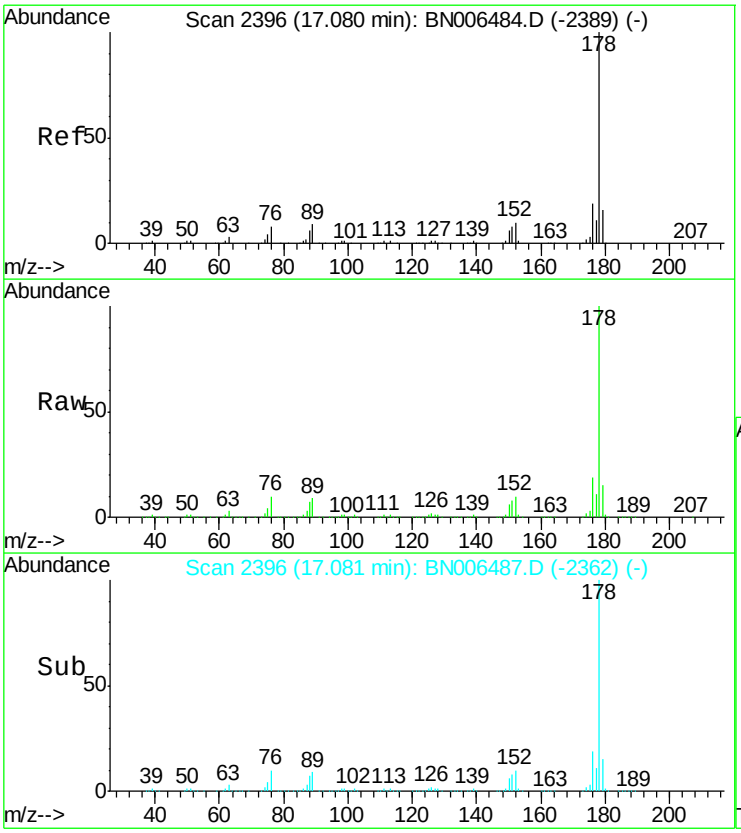
#68
Pentachlorophenol
Concen: 39.077 ng/ul
RT: 16.69 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:266 Resp: 332252

Ion	Ratio	Lower	Upper
266	100		
264	62.5	47.8	71.6
268	63.6	50.8	76.2

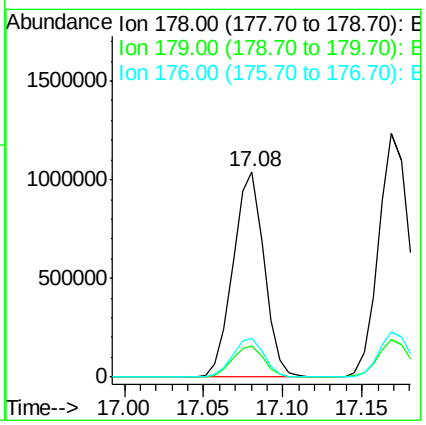


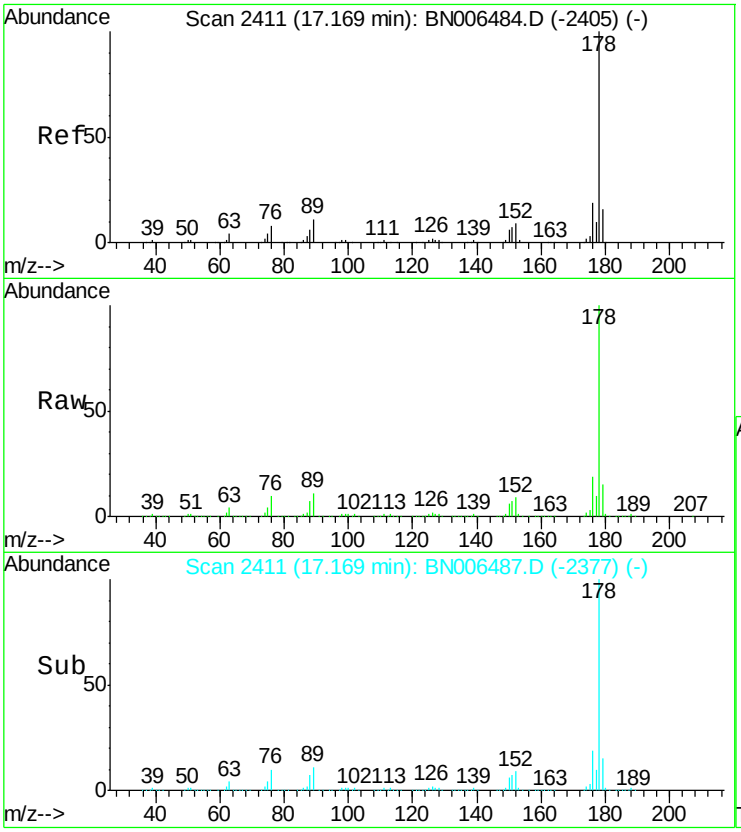


#69
Phenanthrene
Concen: 16.849 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:178 Resp: 1411886

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	18.9	15.3	22.9



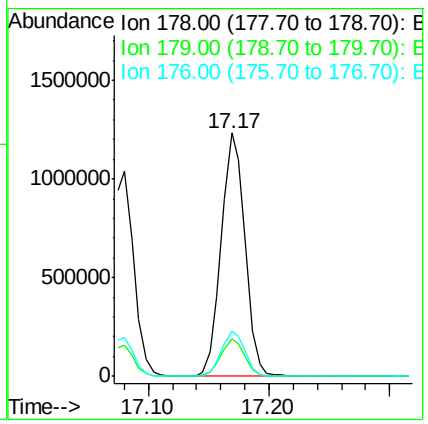


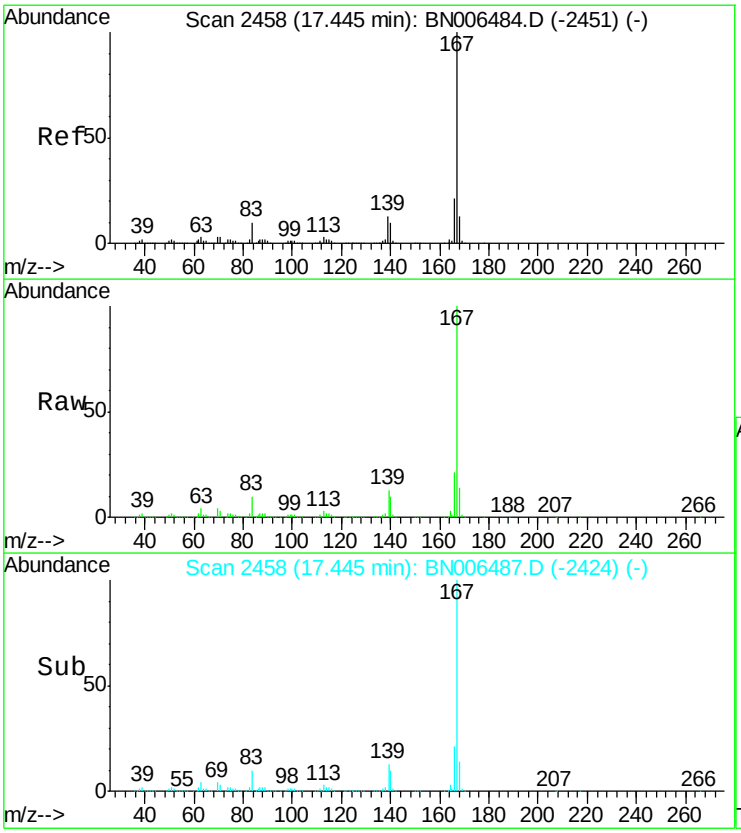
#71
Anthracene
Concen: 19.664 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:178 Resp: 1672623

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.7	14.7	22.1

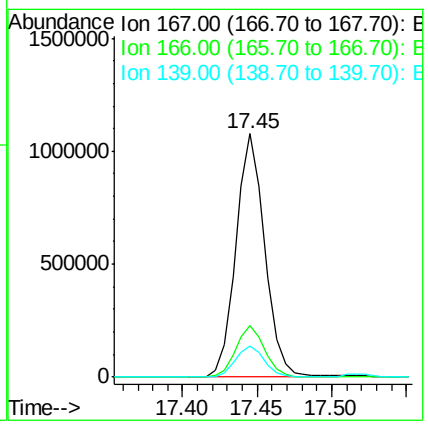


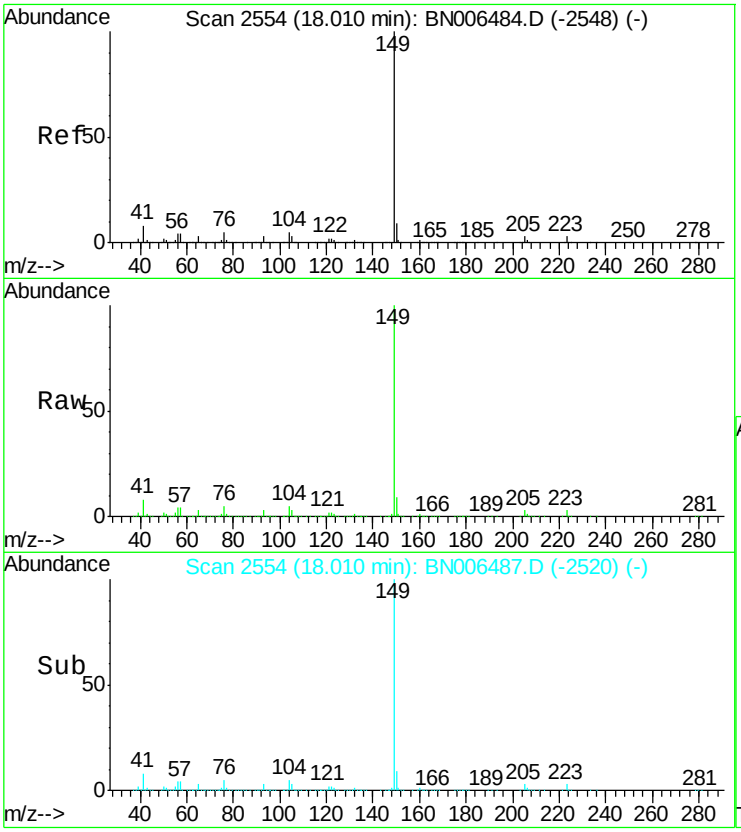


#74
Carbazole
Concen: 19.778 ng/ul
RT: 17.45 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:167 Resp: 1451883

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.9	10.5	15.7



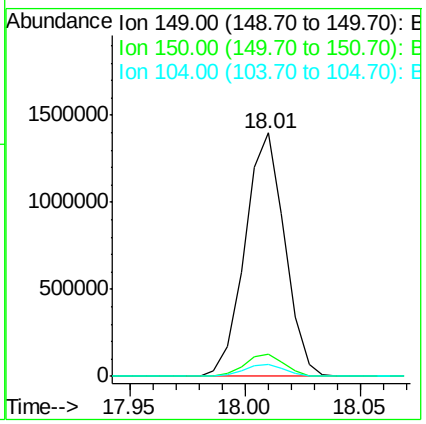


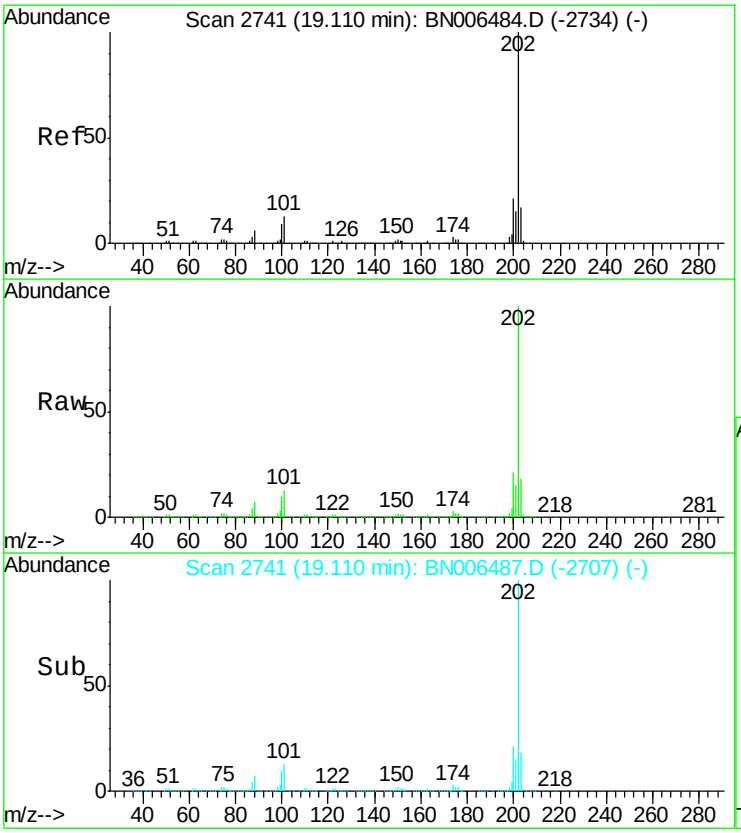
#75
Di-n-butylphthalate
Concen: 17.906 ng/ul
RT: 18.01 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:149 Resp: 1678055

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.0	4.2	6.2

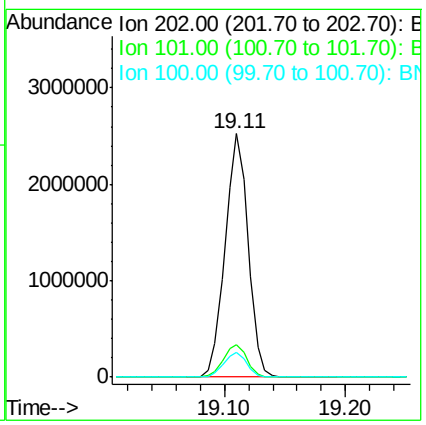


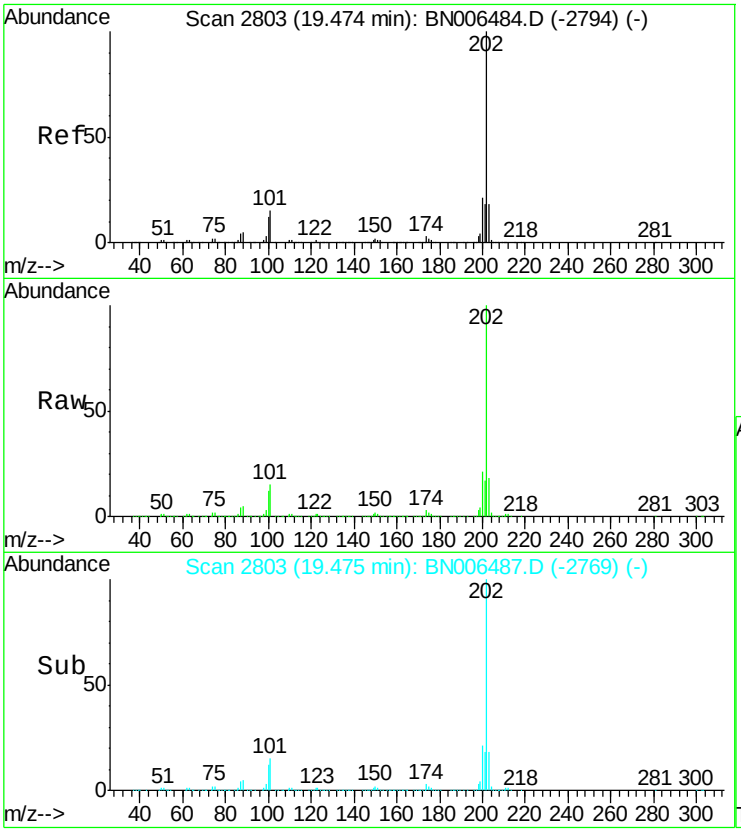


#76
Fluoranthene
Concen: 36.998 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:202 Resp: 3341232

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.5	15.7
100	9.9	7.6	11.4



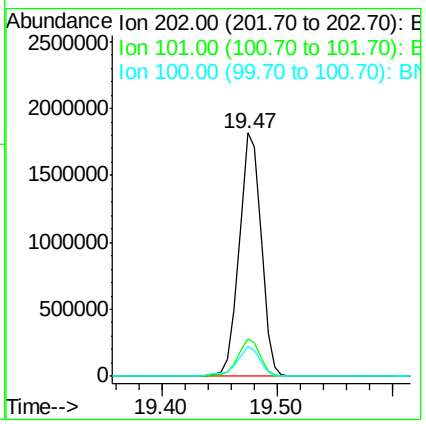


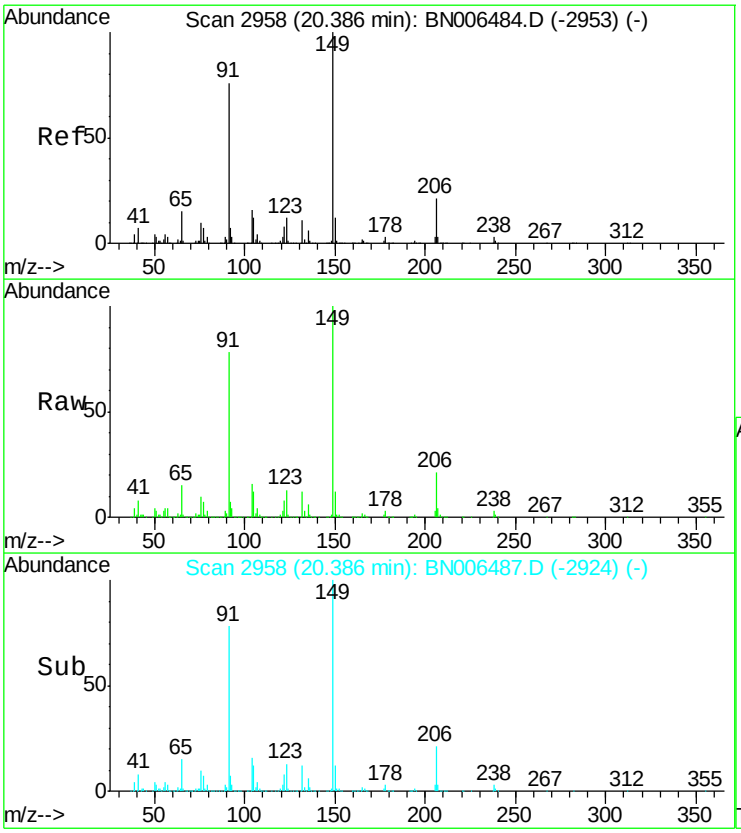
#79
Pyrene
Concen: 31.155 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:202 Resp: 2397353

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.2	18.4
100	12.4	9.8	14.6

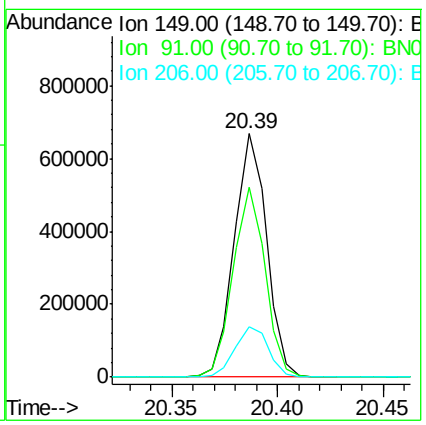


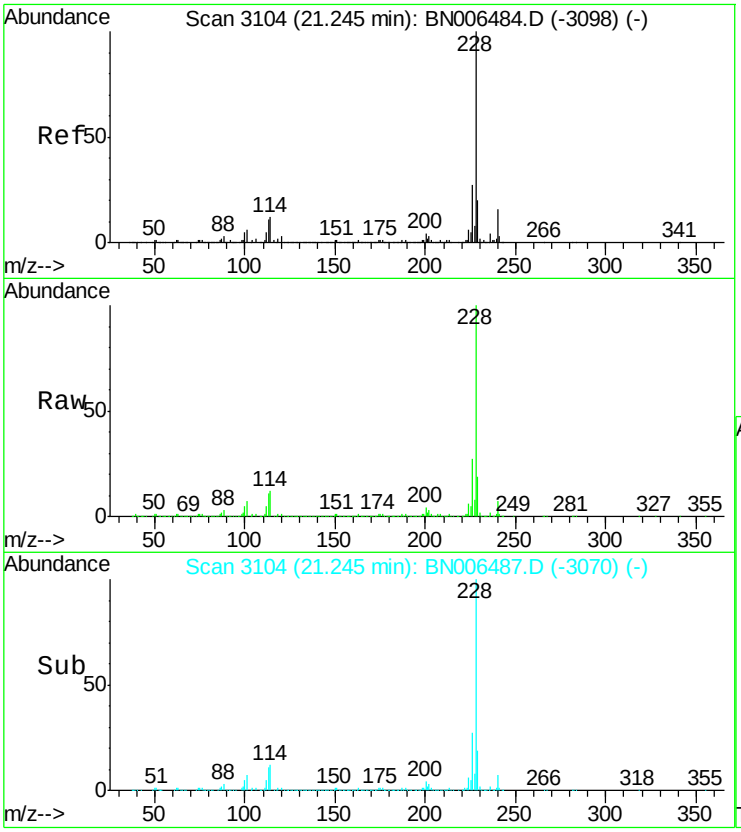


#80
Butylbenzylphthalate
Concen: 20.570 ng/ul
RT: 20.39 min Scan# 2958
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:149 Resp: 709728

Ion	Ratio	Lower	Upper
149	100		
91	77.7	62.7	94.1
206	20.8	16.3	24.5



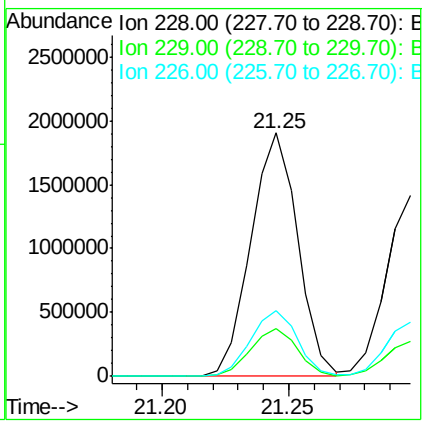


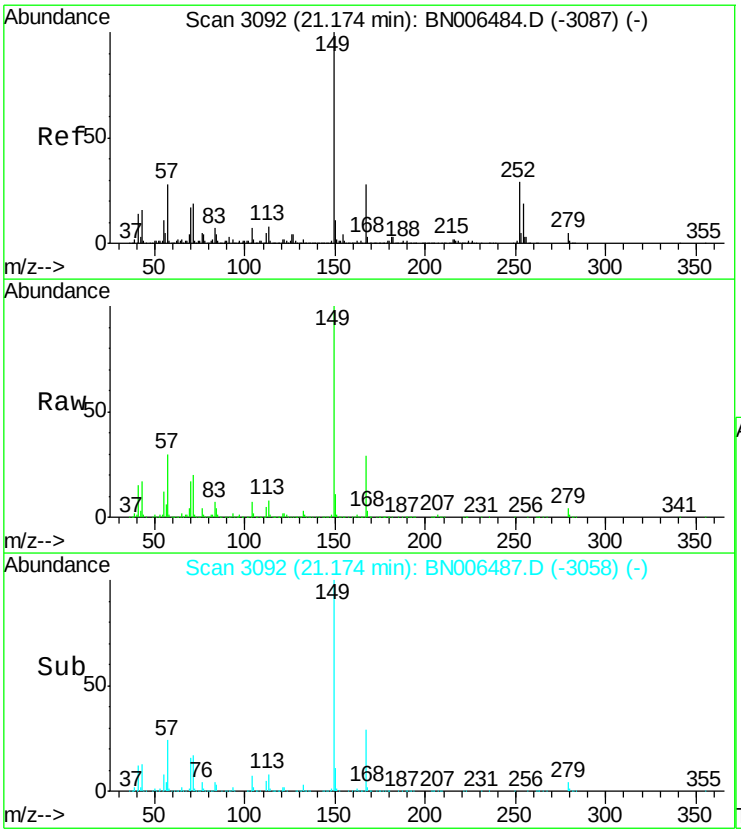
#82
Benzo(a)anthracene
Concen: 31.785 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:228 Resp: 2455412

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.6	23.4
226	26.9	21.5	32.3

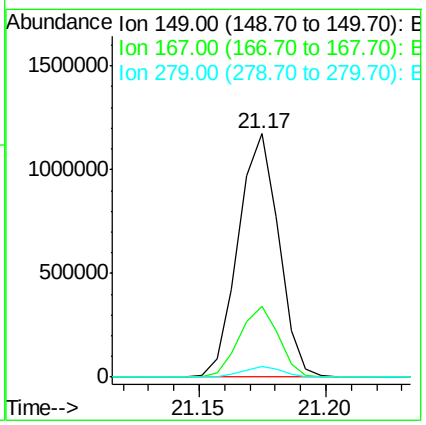


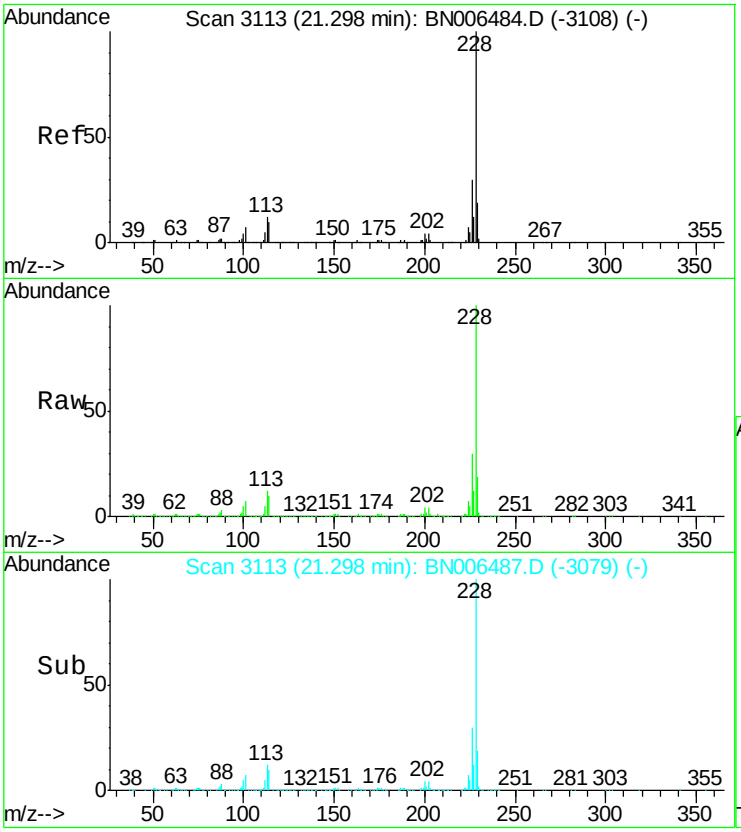


#83
Bis(2-ethylhexyl)phthalate
Concen: 26.323 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:149 Resp: 1302391

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.4
279	4.4	3.3	4.9



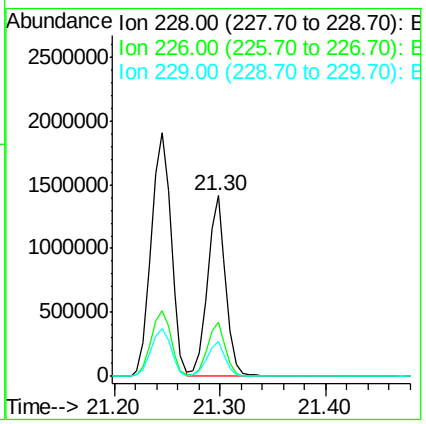


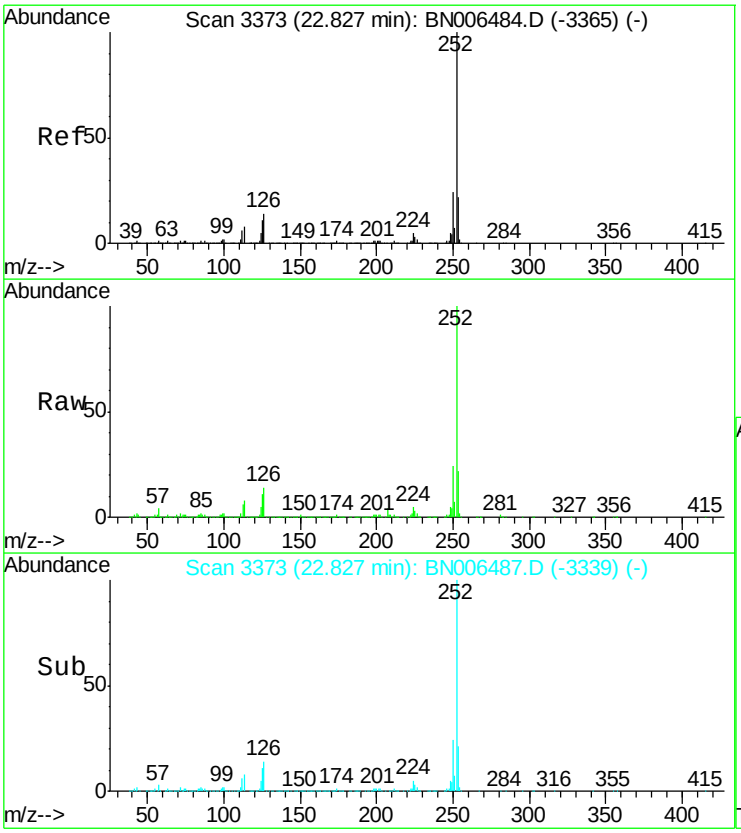
#84
Chrysene
Concen: 23.028 ng/ul
RT: 21.30 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:228 Resp: 1693021

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.1	15.9	23.9

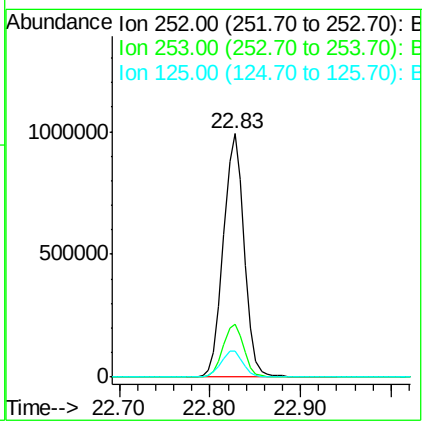


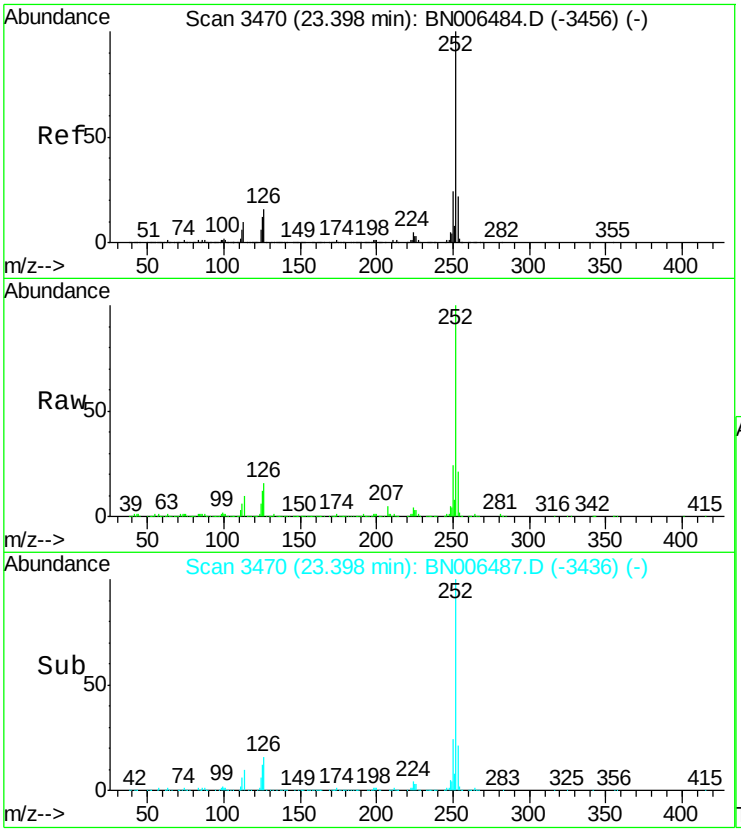


#87
Benzo(b)fluoranthene
Concen: 24.148 ng/ul
RT: 22.83 min Scan# 3373
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:252 Resp: 1579944

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	10.8	9.0	13.6



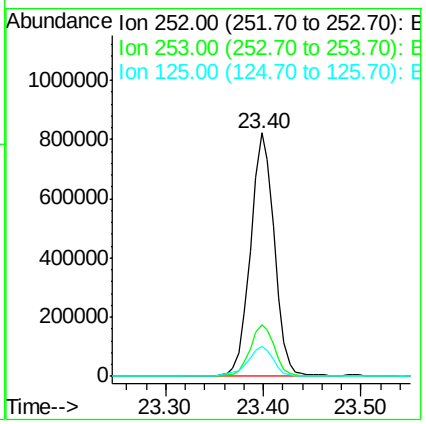


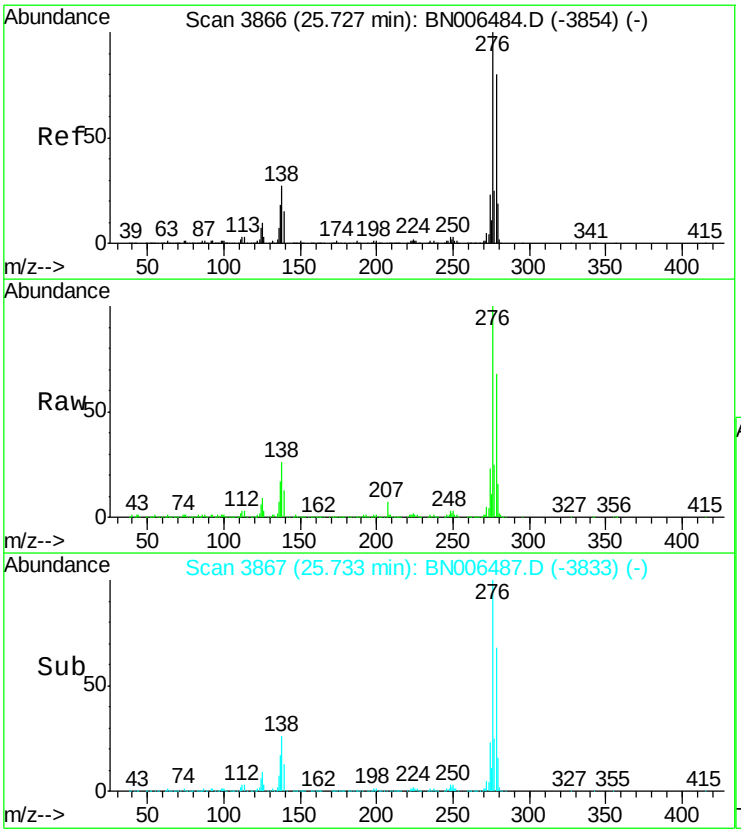
#90
Benzo(a)pyrene
Concen: 22.200 ng/ul
RT: 23.40 min Scan# 3470
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:252 Resp: 1392764

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	12.3	10.0	15.0

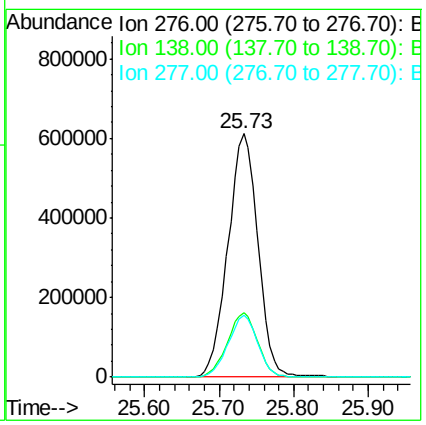


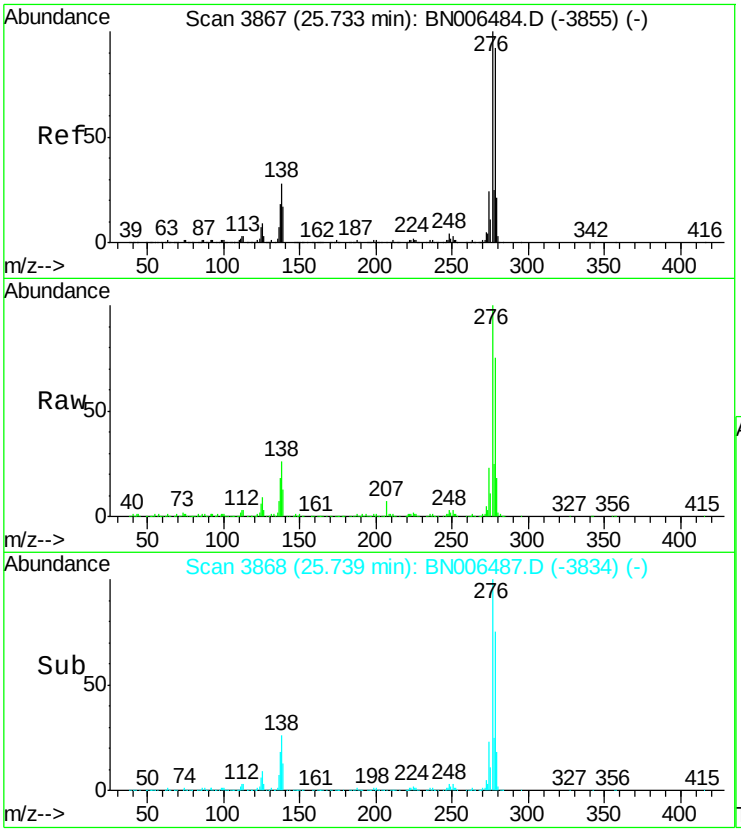


#91
Indeno(1,2,3-cd)pyrene
Concen: 23.052 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Tgt Ion:276 Resp: 1711537

Ion	Ratio	Lower	Upper
276	100		
138	26.4	22.2	33.4
277	25.3	20.2	30.4





#92
Dibenzo(a,h)anthracene
Concen: 18.046 ng/ul
RT: 25.74 min Scan# 3868
Delta R.T. 0.00 min
Lab File: BN006487.D
Acq: 22 Jun 2019 14:04

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:278 Resp: 1109550

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.2	21.4
279	23.2	18.8	28.2