Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009508.D
Acq On : 31 Jan 2020 13:25
Operator : CG/JU
Sample : L1271-03MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 31 22:18:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	163404	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.22	136	685235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.09	164	496762	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	827357	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	720420	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	792755	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	28468	7.21	ng/uL	0.00
5) Phenol-d5	6.65	99	274929	18.97	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	201202	19.56	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.99	132	220838	20.88	ng/ul	-0.01
13) 4-Methylphenol-d8	8.16	113	174026	15.09	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	117781	23.63	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.30	143	124975	23.91	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.85	165	212646	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	240056	19.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	683229	18.58	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	803781	18.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	125459	18.34	ng/ul	0.00
57) Fluorene-d10	15.09	176	603400	18.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	84274	16.82	ng/ul	0.02
70) Anthracene-d10	16.95	188	854766	22.33	ng/ul	0.00
78) Pyrene-d10	19.25	212	947946	24.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	923154	23.07	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.62	77	80299	10.558	ng/ul#	1
6) Phenol	6.68	94	421938	27.794	ng/ul	94
10) 2-Chlorophenol	7.02	128	257392	23.385	ng/ul	95
14) Acetophenone	8.25	105	122726	6.586	ng/ul#	31
15) N-Nitroso-di-n-propylamine	8.26	70	229317	22.662	ng/ul#	88
17) Hexachloroethane	8.50	117	41575	8.154	ng/ul#	9
24) 2,4-Dimethylphenol	9.42	107	13437	1.017	ng/ul#	61
30) 4-Chloroaniline	10.32	127	12201190	967.306	ng/ul#	10
32) Caprolactam	11.15	113	3644	1.048	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.53	107	276402	22.442	ng/ul	92
34) 2-Methylnaphthalene	11.77	142	43935	1.731	ng/ul#	80
40) 1,1'-Biphenyl	12.92	154	4482553	119.168	ng/ul	97
44) Dimethylphthalate	13.56	163	153584	4.058	ng/ul#	98
47) Acenaphthylene	13.82	152	669166	14.209	ng/ul#	63
49) Acenaphthene	14.16	153	1564351	48.691	ng/ul	100
53) Dibenzofuran	14.50	168	1807733	40.497	ng/ul	98
54) 2,4-Dinitrotoluene	14.49	165	397379	36.994	ng/ul#	56
58) Fluorene	15.15	166	3194621	85.410	ng/ul#	99
64) N-Nitrosodiphenylamine	15.37	169	145136	5.925	ng/ul#	84
68) Pentachlorophenol	16.52	266	104572	19.448	ng/ul	97
69) Phenanthrene	16.98	178	1778979	38.107	ng/ul	98
71) Anthracene	16.98	178	1778979	37.427	ng/ul	99
74) Carbazole	17.25	167	51902	1.275	ng/ul#	79

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009508.D
Acq On : 31 Jan 2020 13:25
Operator : CG/JU
Sample : L1271-03MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 31 22:18:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) Fluoranthene	18.92	202	4900581	91.573	ng/ul	99
79) Pyrene	19.29	202	9144162	175.299	ng/ul	97
82) Benzo(a)anthracene	21.04	228	2540389	51.782	ng/ul	96
84) Chrysene	21.09	228	2178244	45.579	ng/ul	98
87) Benzo(b)fluoranthene	22.55	252	1039198	20.732	ng/ul#	93
88) Benzo(k)fluoranthene	22.55	252	1039198	21.085	ng/ul#	94
90) Benzo(a)pyrene	23.08	252	862705	19.174	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	386606	7.090	ng/ul	94
92) Dibenzo(a,h)anthracene	25.23	278	155635	3.383	ng/ul	96
93) Benzo(g,h,i)perylene	25.86	276	294755	6.499	ng/ul	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009508.D
Acq On : 31 Jan 2020 13:25
Operator : CG/JU
Sample : L1271-03MSD
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BNA_N
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Quant Time: Jan 31 22:18:41 2020
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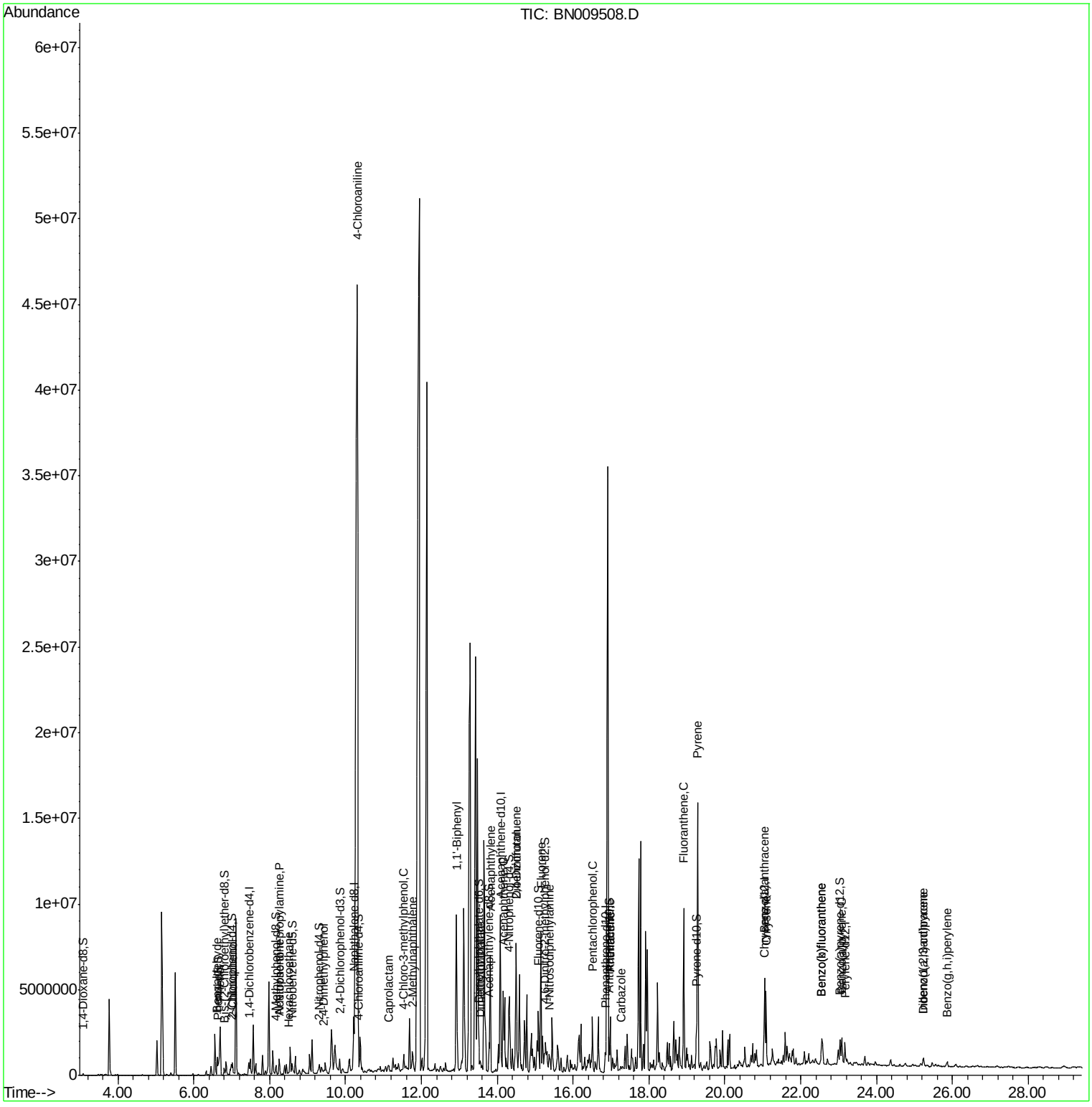
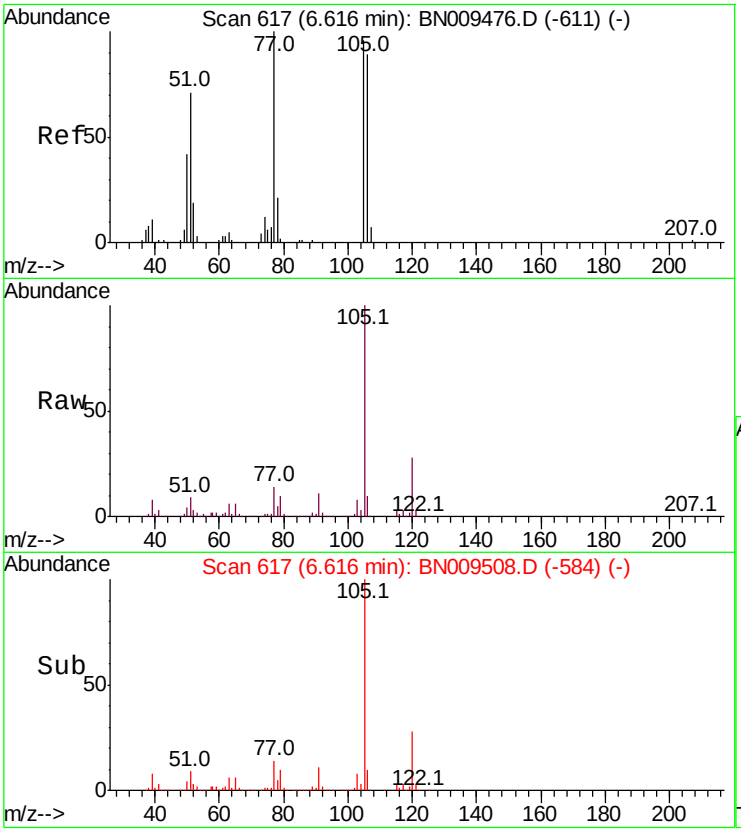
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration



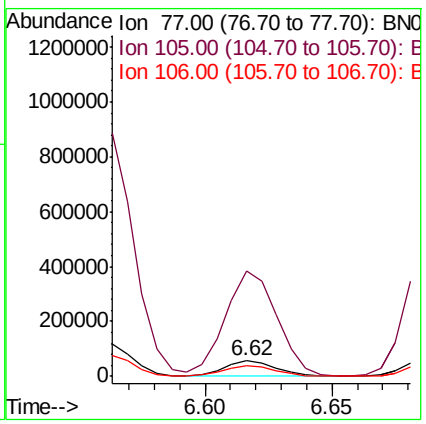


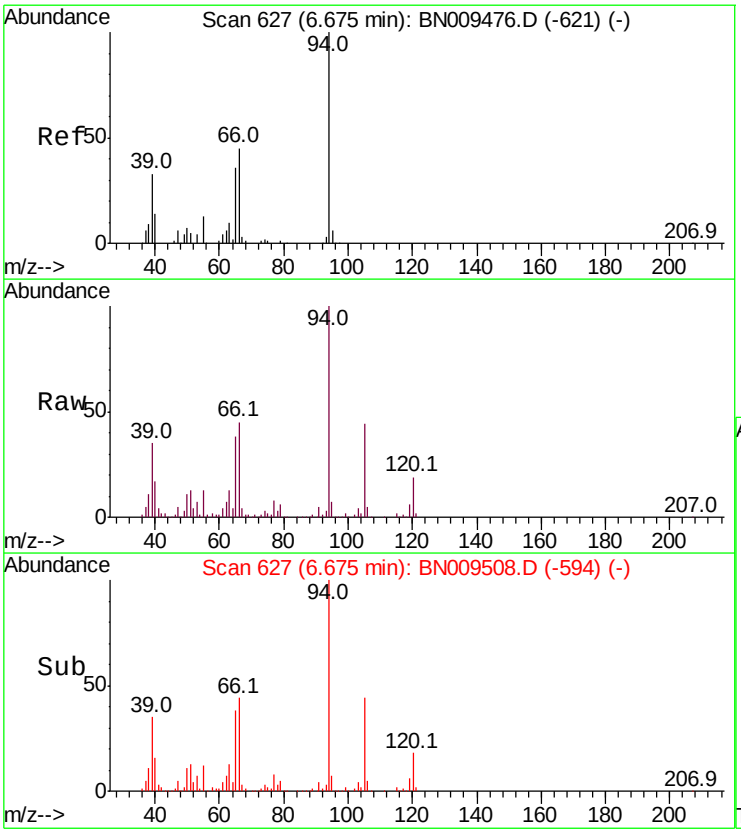
#4
Benzaldehyde
Concen: 10.558 ng/ul
RT: 6.62 min Scan# 617
Delta R.T. -0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 80299

Ion	Ratio	Lower	Upper
77	100		
105	692.1	70.2	105.4#
106	67.3	65.6	98.4

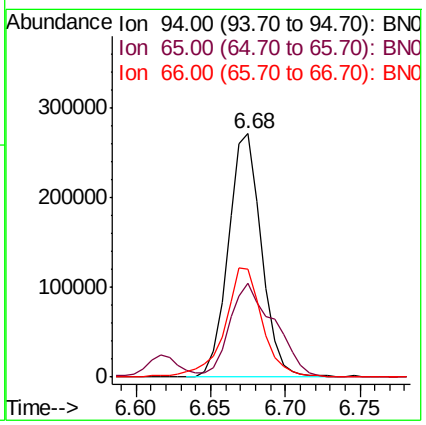


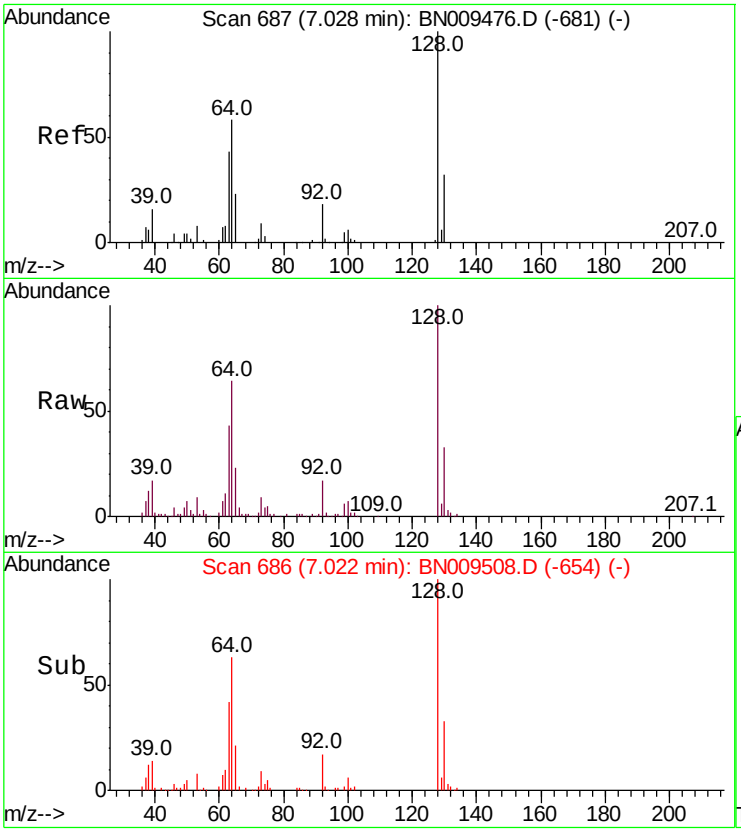


#6
Phenol
Concen: 27.794 ng/ul
RT: 6.68 min Scan# 627
Delta R.T. -0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion: 94 Resp: 421938

Ion	Ratio	Lower	Upper
94	100		
65	38.5	29.4	44.0
66	44.5	39.8	59.8



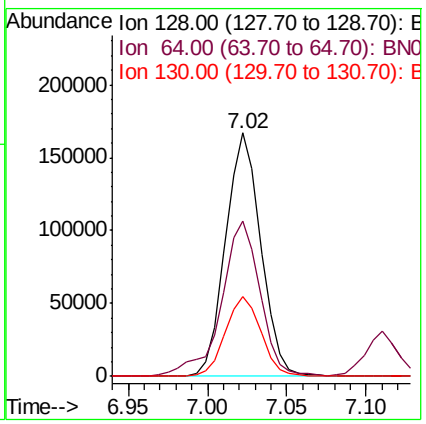


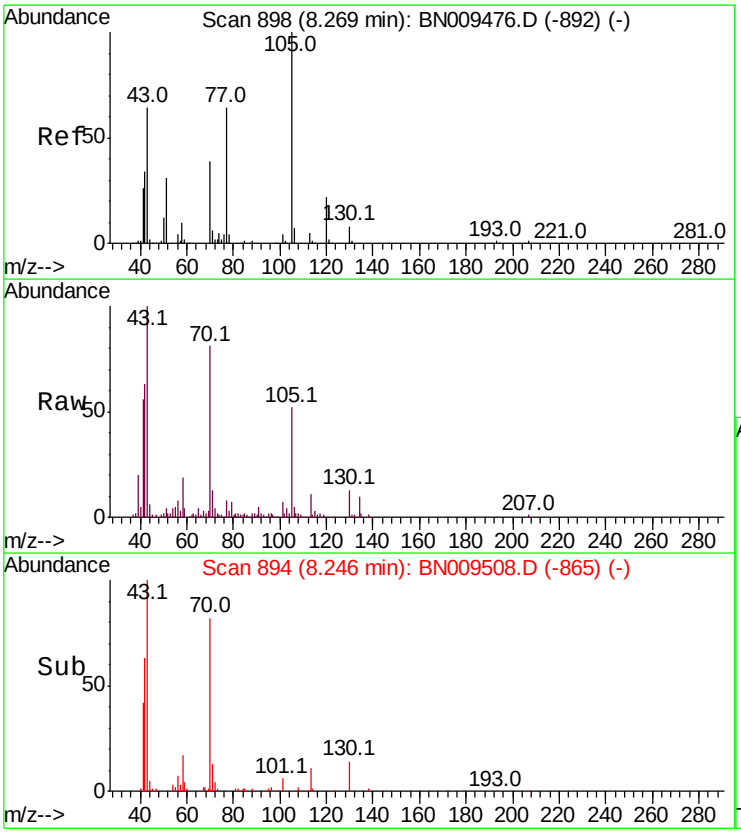
#10
2-Chlorophenol
Concen: 23.385 ng/ul
RT: 7.02 min Scan# 686
Delta R.T. -0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 257392

Ion	Ratio	Lower	Upper
128	100		
64	63.6	54.3	81.5
130	32.9	27.9	41.9

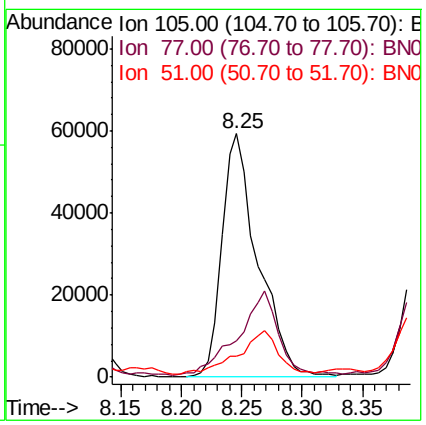


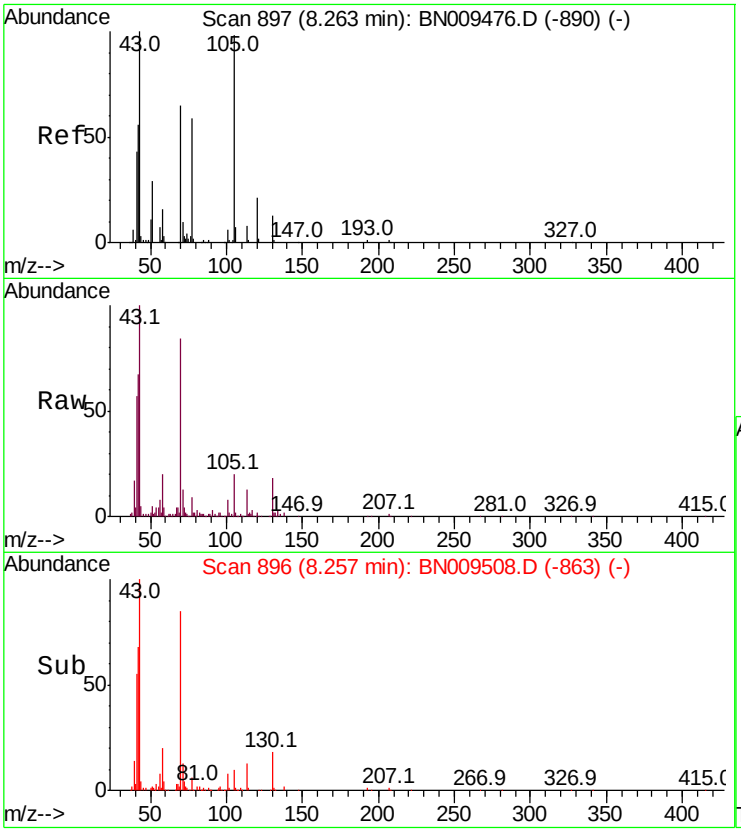


#14
Acetophenone
Concen: 6.586 ng/ul
RT: 8.25 min Scan# 894
Delta R.T. -0.03 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:105 Resp: 122726

Ion	Ratio	Lower	Upper
105	100		
77	14.7	66.4	99.6#
51	8.7	35.6	53.4#



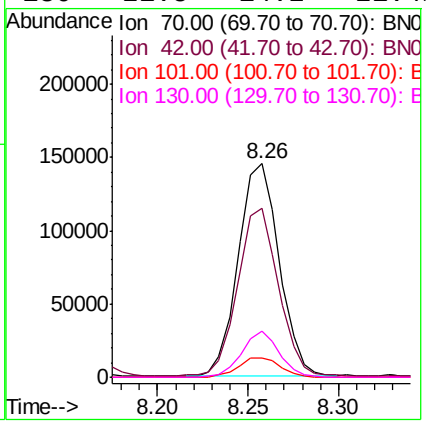


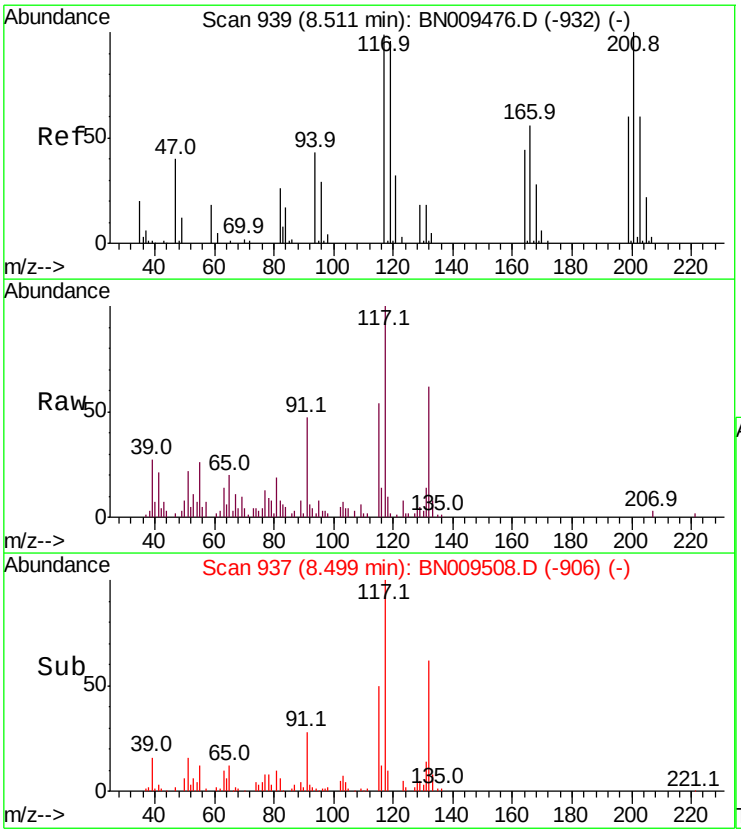
#15
N-Nitroso-di-n-propylamine
Concen: 22.662 ng/ul
RT: 8.26 min Scan# 896
Delta R.T. -0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 70 Resp: 229317

Ion	Ratio	Lower	Upper
70	100		
42	79.3	73.6	110.4
101	9.2	7.5	11.3
130	21.5	14.2	21.4#

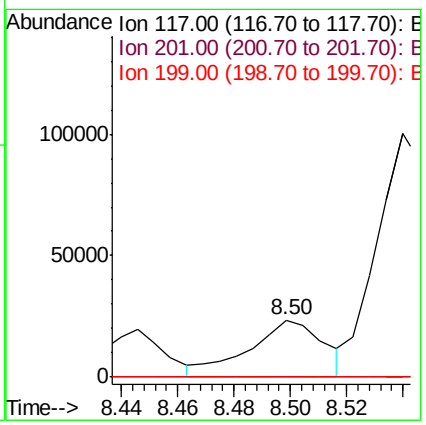


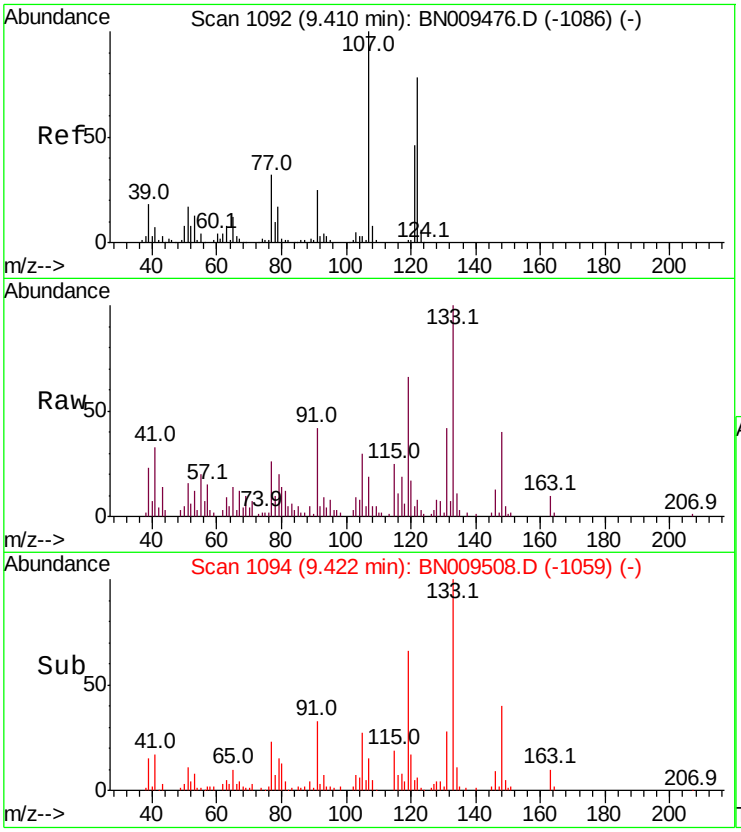


#17
Hexachloroethane
Concen: 8.154 ng/ul
RT: 8.50 min Scan# 937
Delta R.T. -0.02 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:117 Resp: 41575

Ion	Ratio	Lower	Upper
117	100		
201	0.0	76.5	114.7#
199	0.0	46.6	69.8#



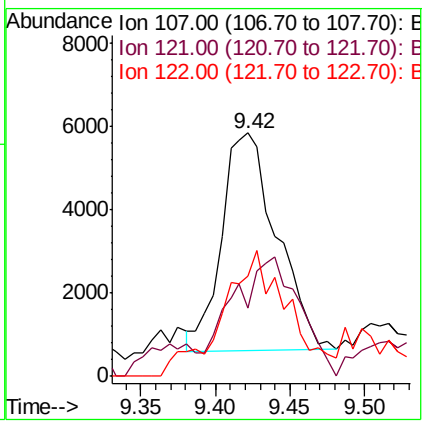


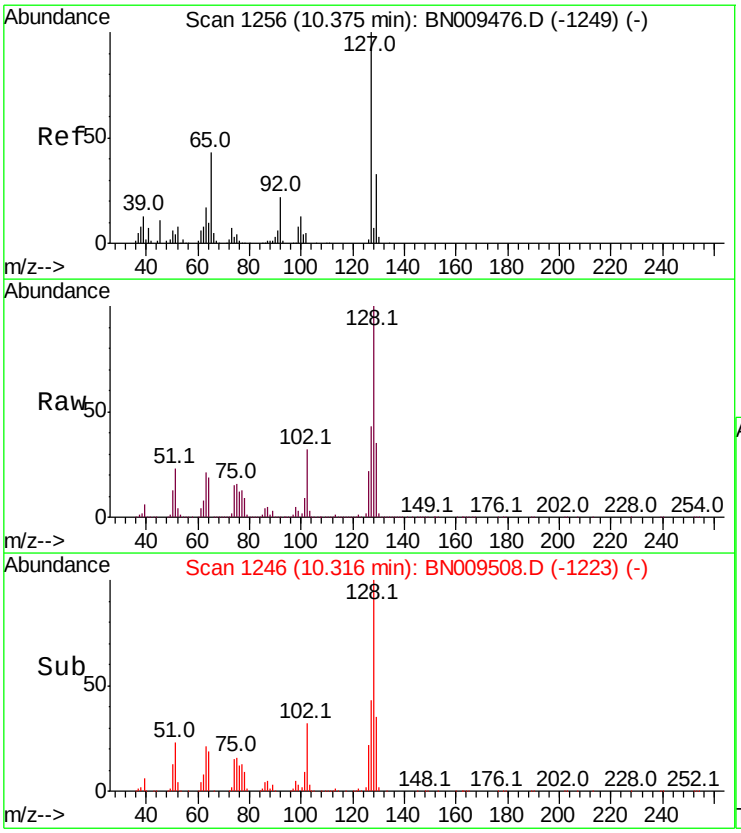
#24
2,4-Dimethylphenol
Concen: 1.017 ng/ul
RT: 9.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 13437

Ion	Ratio	Lower	Upper
107	100		
121	27.8	39.0	58.4#
122	41.0	64.1	96.1#

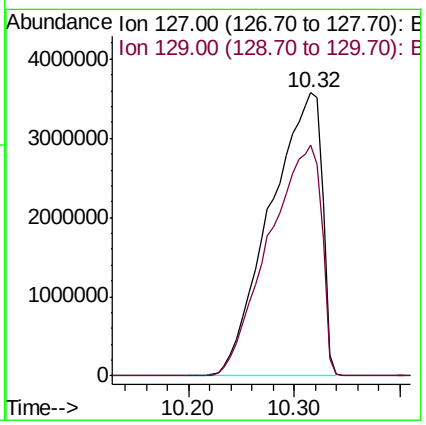


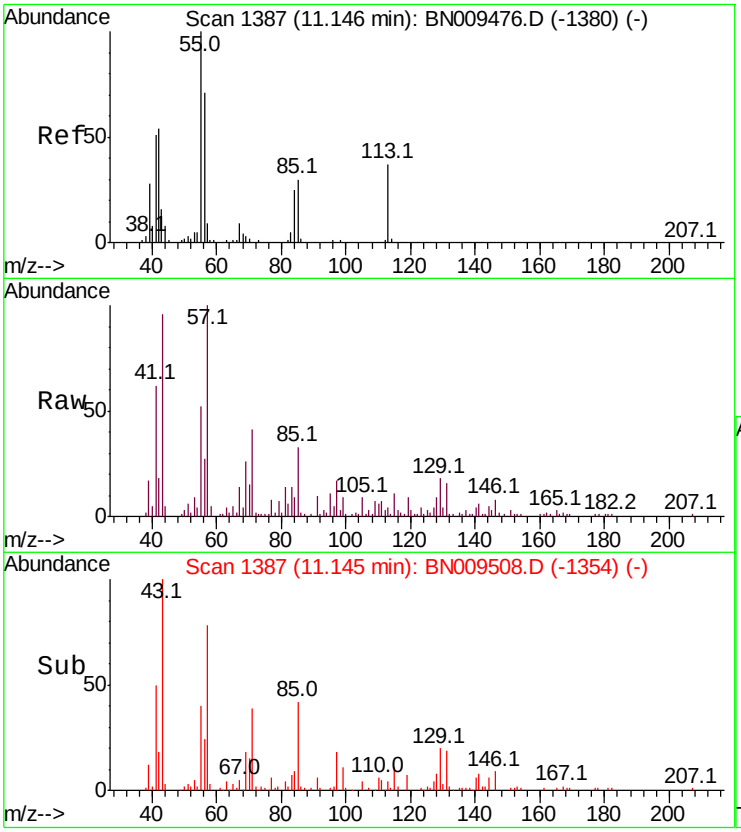


#30
4-Chloroaniline
Concen: 967.306 ng/ul
RT: 10.32 min Scan# 1246
Delta R.T. -0.06 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:127 Resp:12201190

Ion	Ratio	Lower	Upper
127	100		
129	81.7	25.4	38.2#



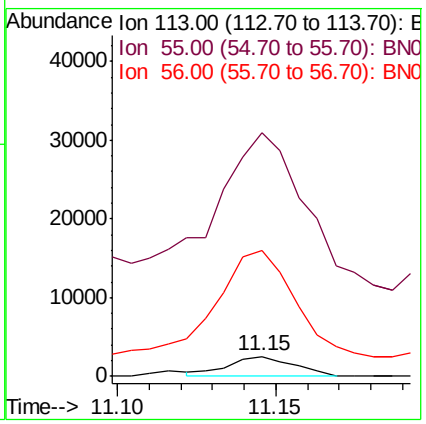


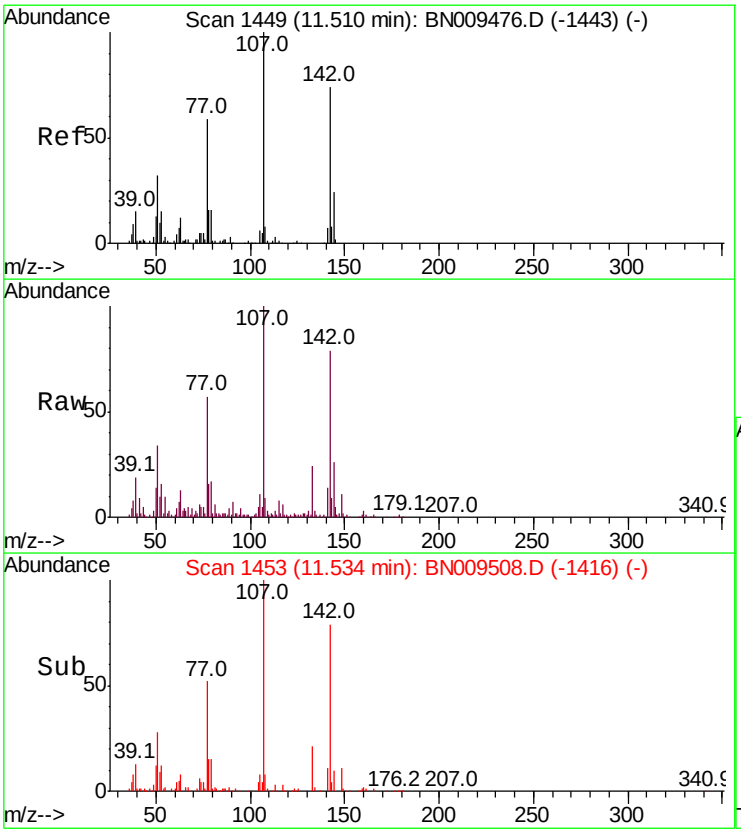
#32
Caprolactam
Concen: 1.048 ng/ul
RT: 11.15 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:113 Resp: 3644

Ion	Ratio	Lower	Upper
113	100		
55	1222.9	214.0	321.0#
56	632.5	157.5	236.3#

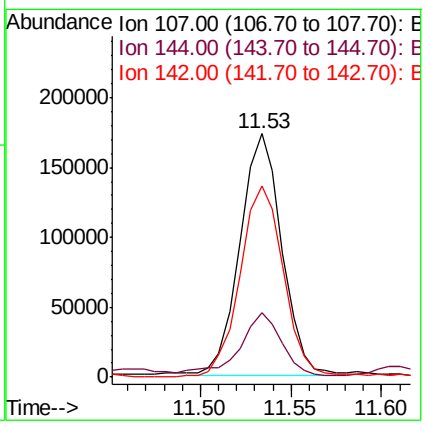


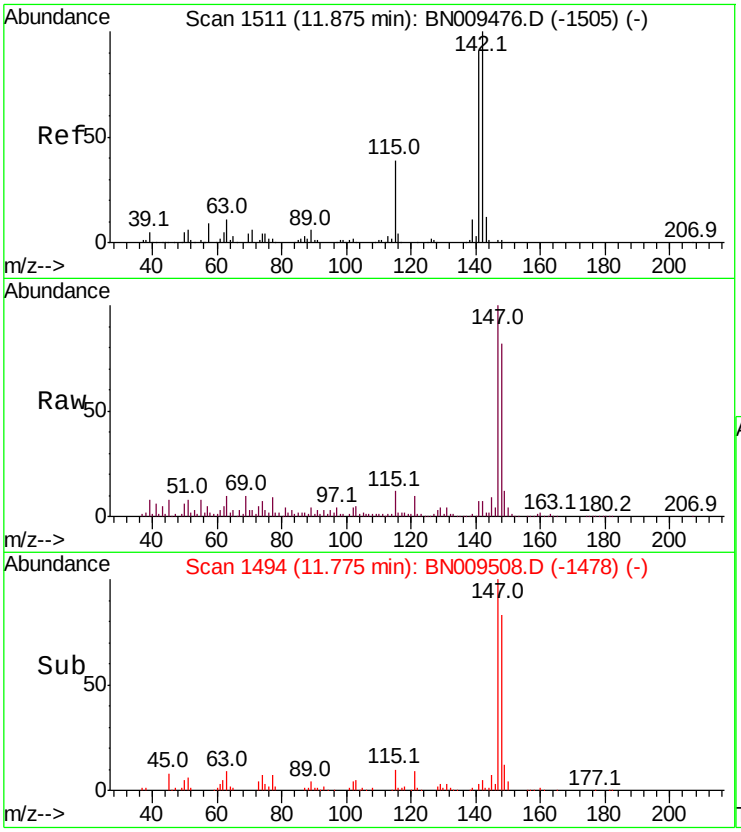


#33
4-Chloro-3-methylphenol
Concen: 22.442 ng/ul
RT: 11.53 min Scan# 1453
Delta R.T. 0.02 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:107 Resp: 276402

Ion	Ratio	Lower	Upper
107	100		
144	26.3	18.9	28.3
142	78.6	56.8	85.2



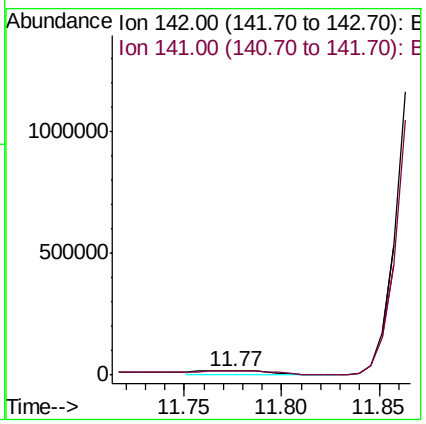


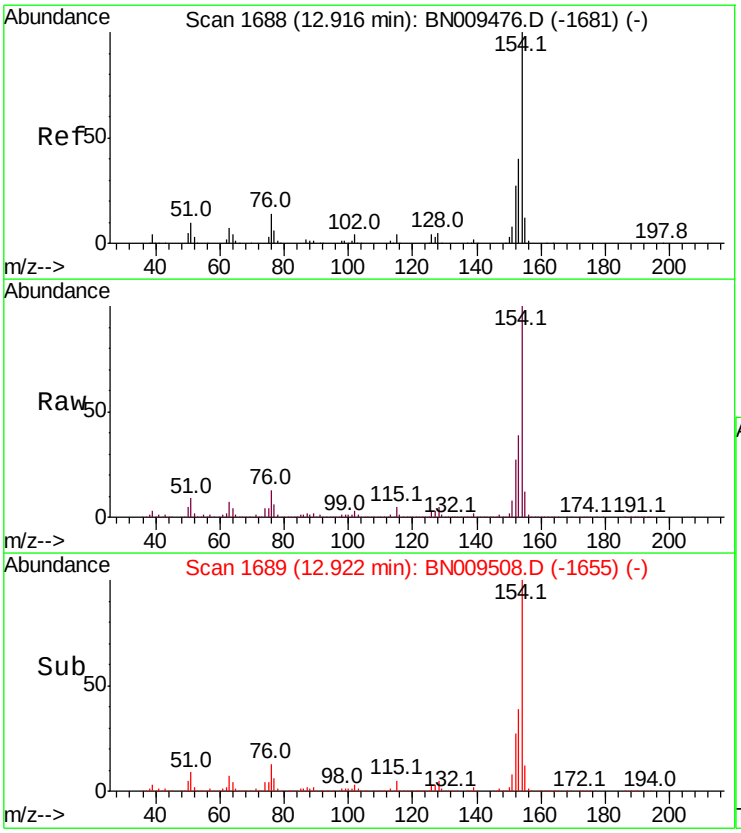
#34
2-Methylnaphthalene
Concen: 1.731 ng/ul
RT: 11.77 min Scan# 1494
Delta R.T. -0.11 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 43935

Ion	Ratio	Lower	Upper
142	100		
141	105.0	69.3	103.9#

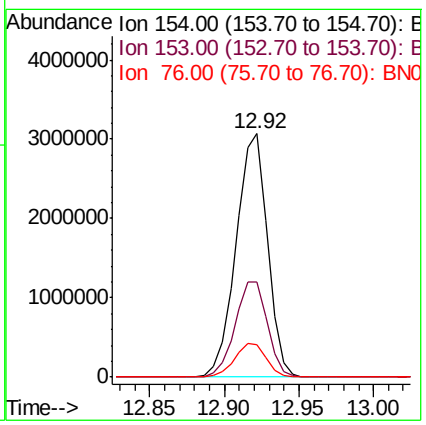


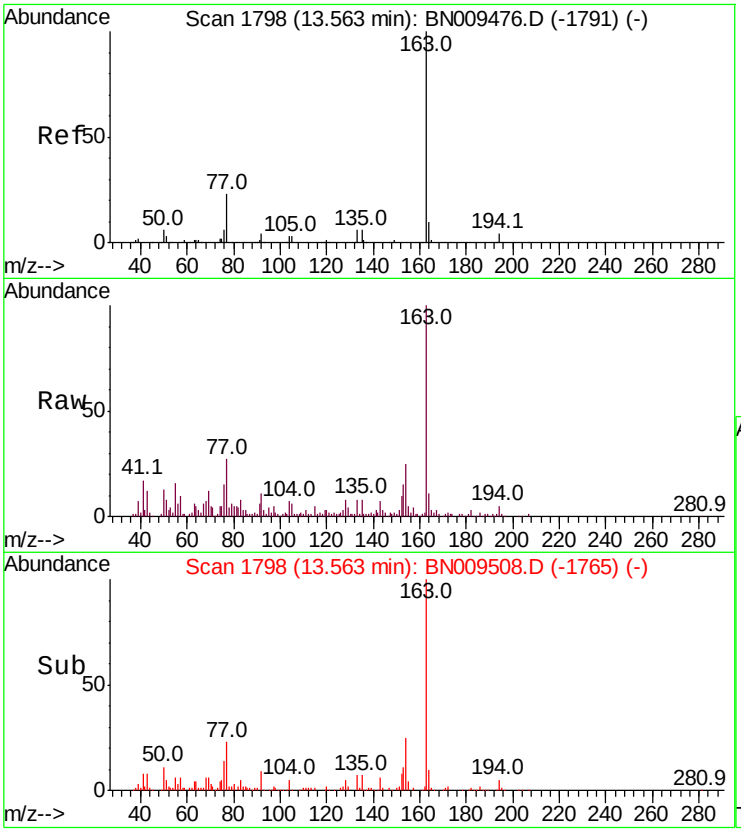


#40
1,1'-Biphenyl
Concen: 119.168 ng/ul
RT: 12.92 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:154 Resp: 4482553

Ion	Ratio	Lower	Upper
154	100		
153	39.0	32.6	49.0
76	13.2	11.4	17.0



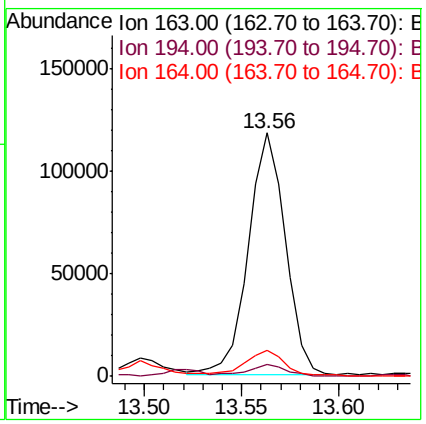


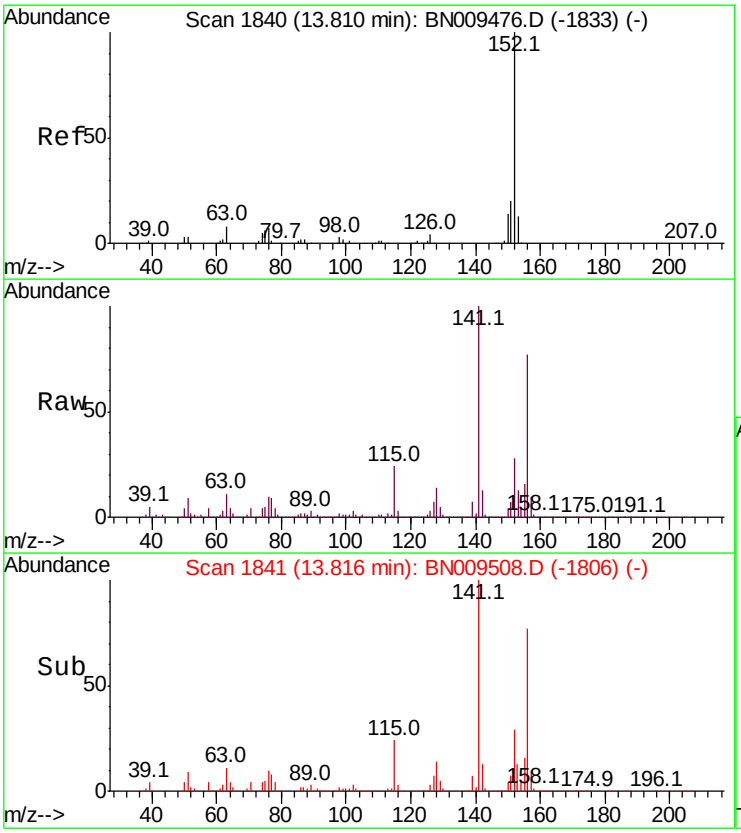
#44
Dimethylphthalate
Concen: 4.058 ng/ul
RT: 13.56 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 153584

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.1	4.7#
164	10.9	8.3	12.5

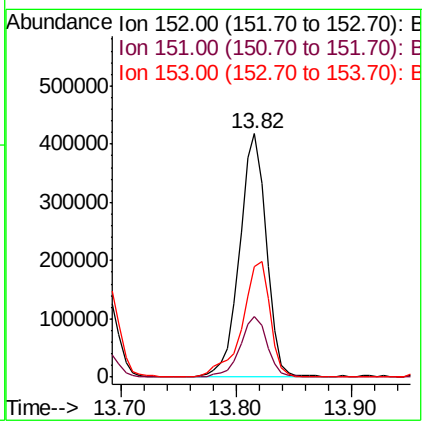


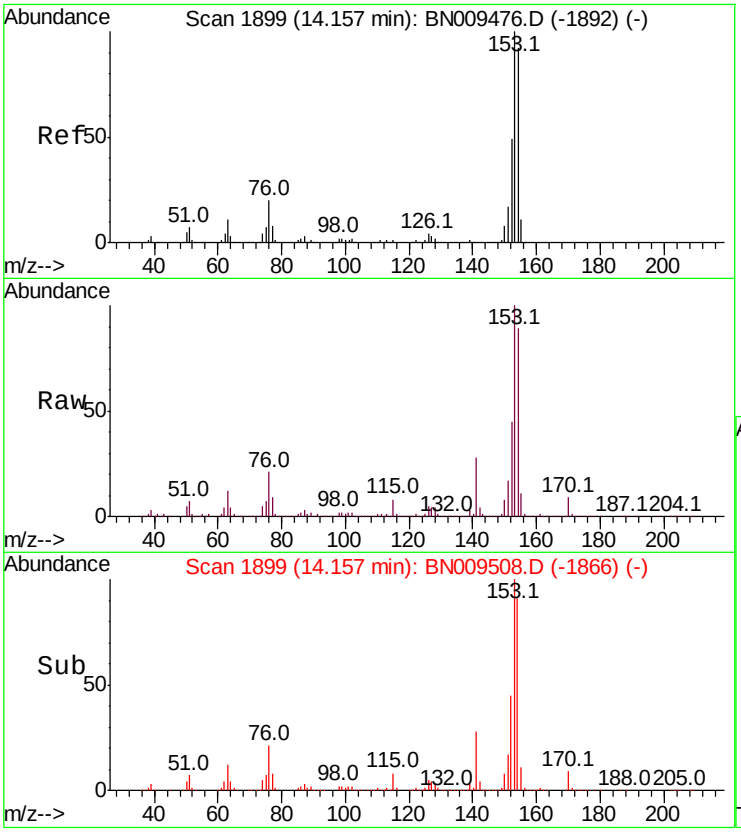


#47
Acenaphthylene
Concen: 14.209 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:152 Resp: 669166

Ion	Ratio	Lower	Upper
152	100		
151	24.8	16.2	24.4#
153	45.3	10.8	16.2#



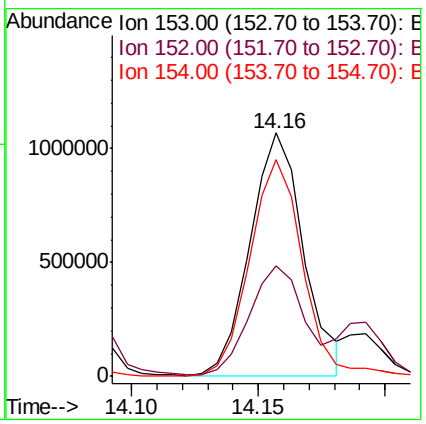


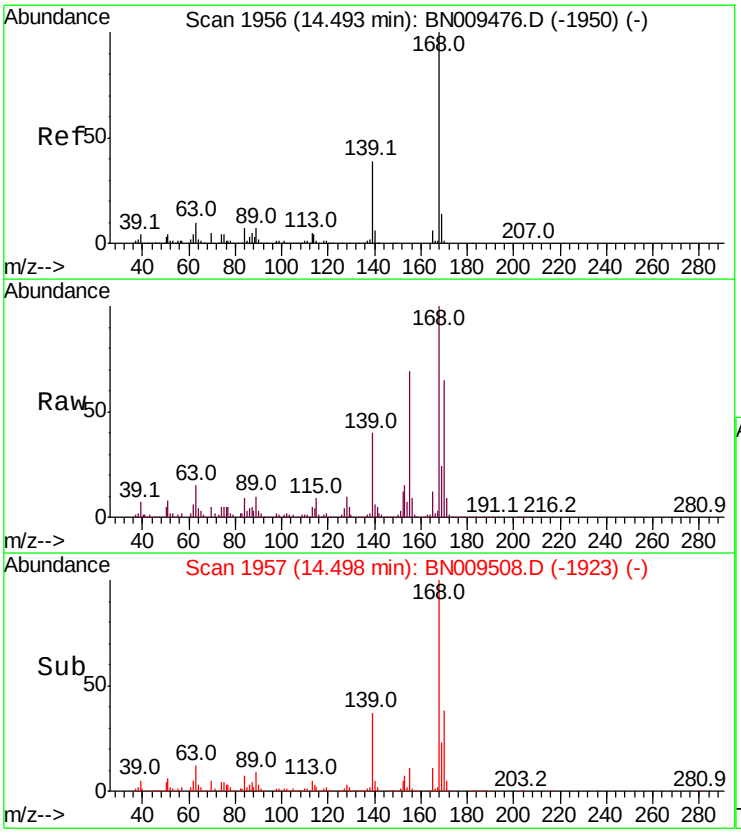
#49
Acenaphthene
Concen: 48.691 ng/ul
RT: 14.16 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 1564351

Ion	Ratio	Lower	Upper
153	100		
152	45.2	36.3	54.5
154	89.1	71.4	107.0

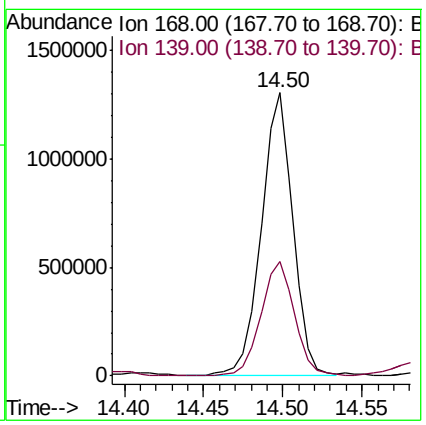


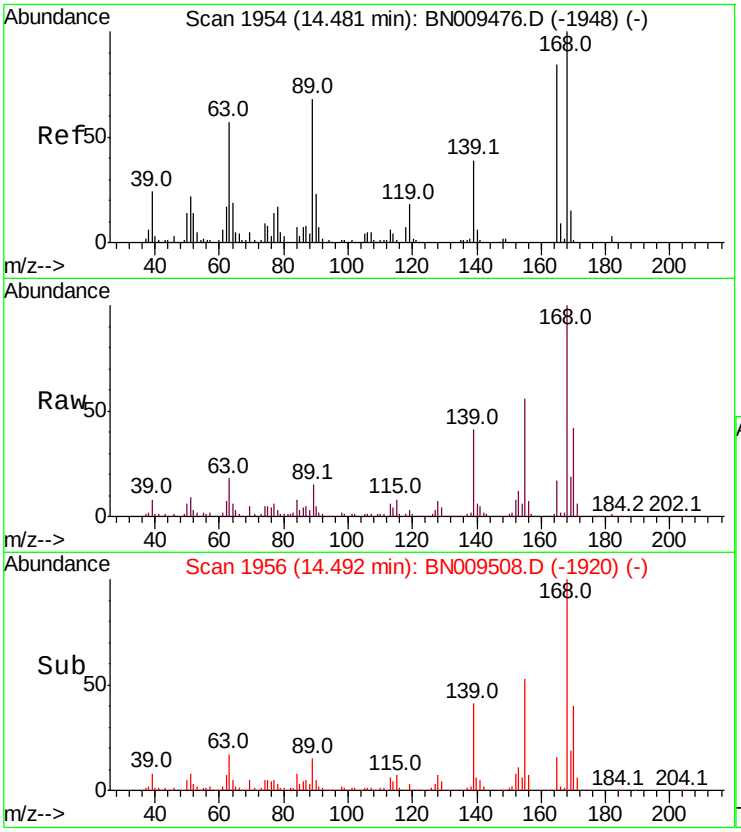


#53
Dibenzofuran
Concen: 40.497 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:168 Resp: 1807733

Ion	Ratio	Lower	Upper
168	100		
139	40.3	31.4	47.2



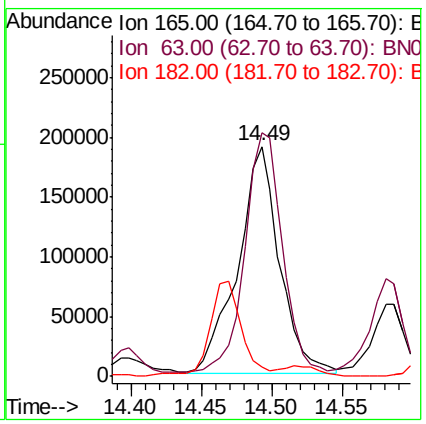


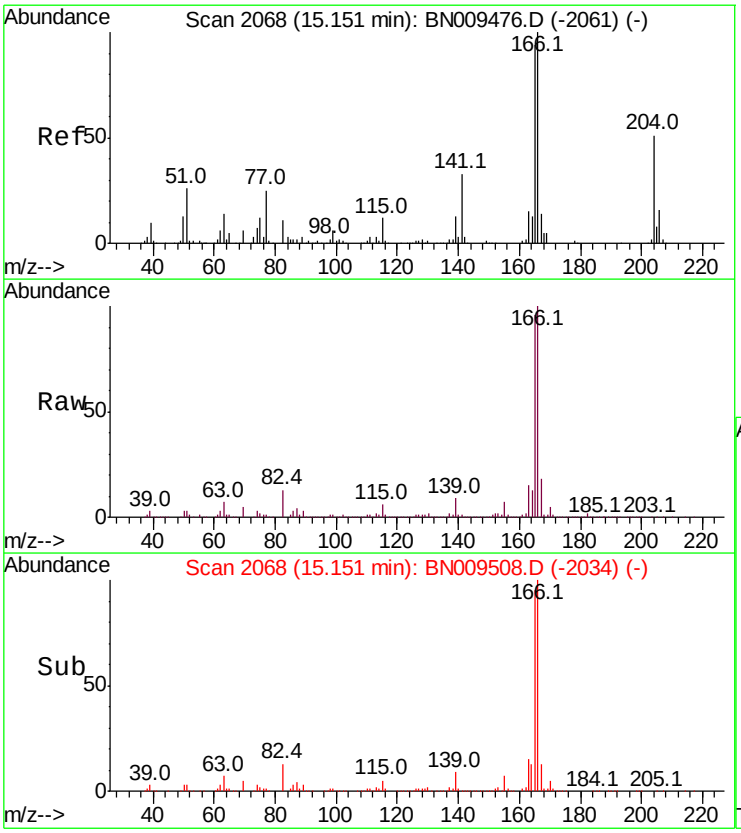
#54
2,4-Dinitrotoluene
Concen: 36.994 ng/ul
RT: 14.49 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 397379

Ion	Ratio	Lower	Upper
165	100		
63	106.0	55.4	83.0#
182	3.9	2.0	3.0#

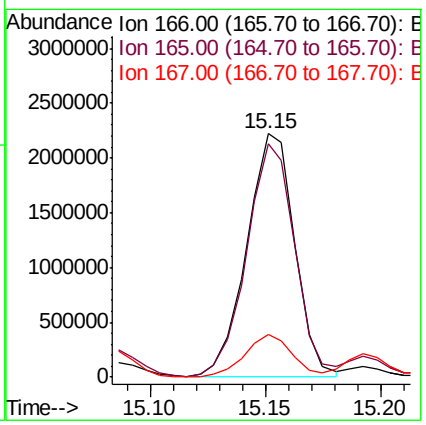


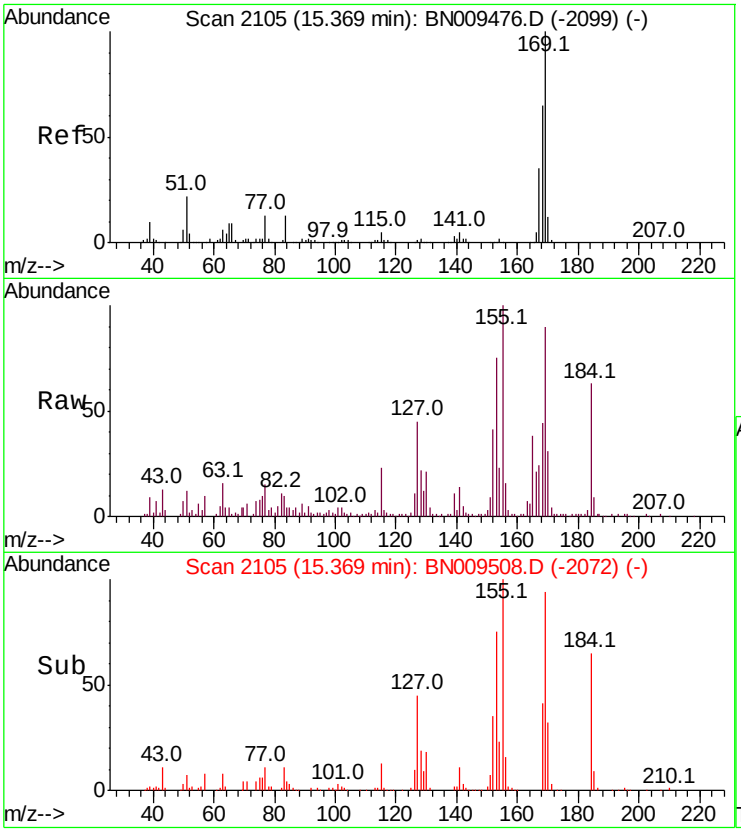


#58
Fluorene
Concen: 85.410 ng/ul
RT: 15.15 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:166 Resp: 3194621

Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.5	114.7
167	17.6	10.9	16.3#



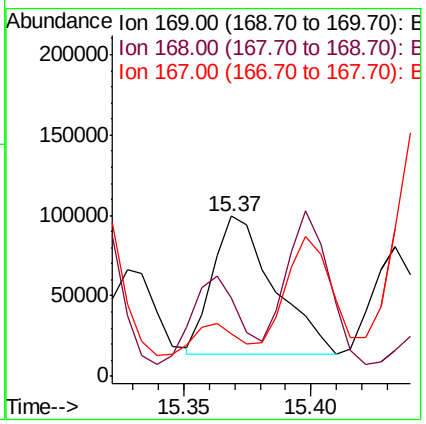


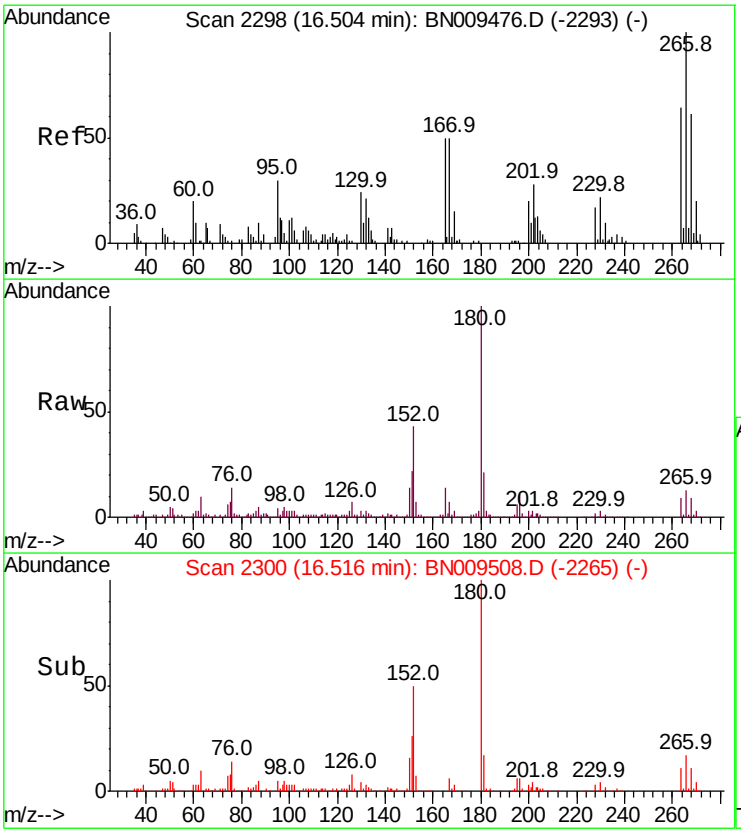
#64
N-Nitrosodiphenylamine
Concen: 5.925 ng/ul
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:169 Resp: 145136

Ion	Ratio	Lower	Upper
169	100		
168	48.7	49.8	74.8#
167	26.7	27.6	41.4#

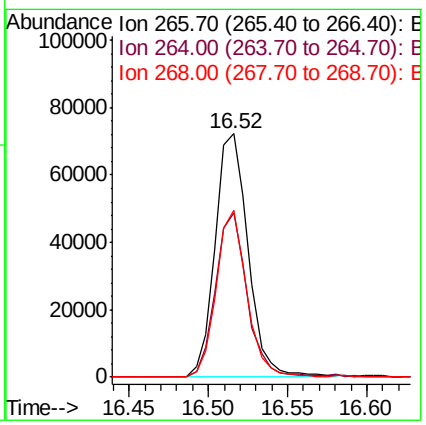


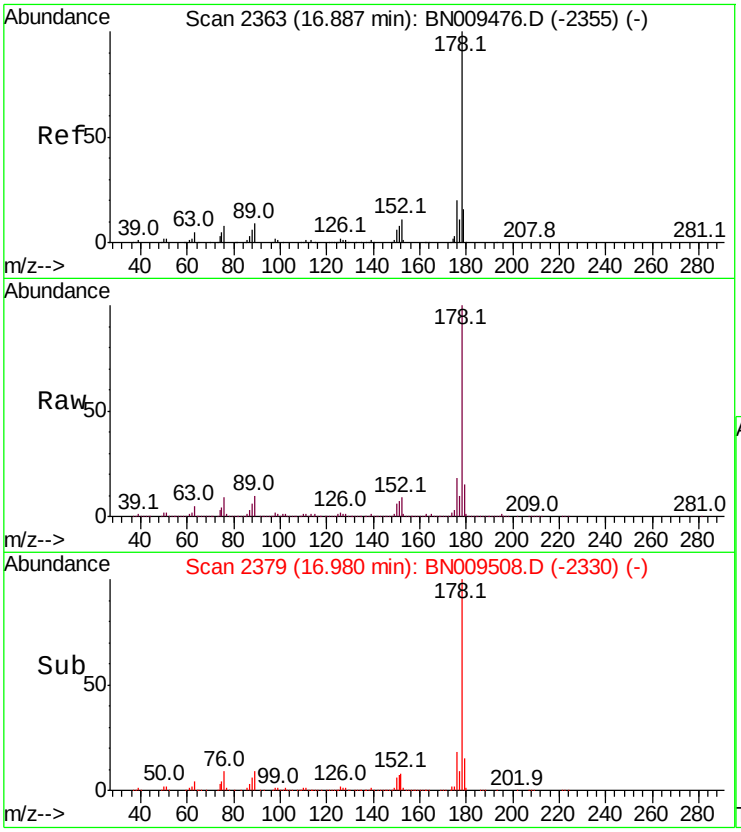


#68
Pentachlorophenol
Concen: 19.448 ng/ul
RT: 16.52 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:266 Resp: 104572

Ion	Ratio	Lower	Upper
266	100		
264	67.5	54.0	81.0
268	68.4	58.8	88.2



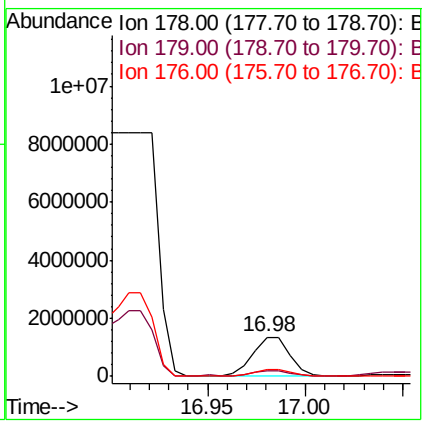


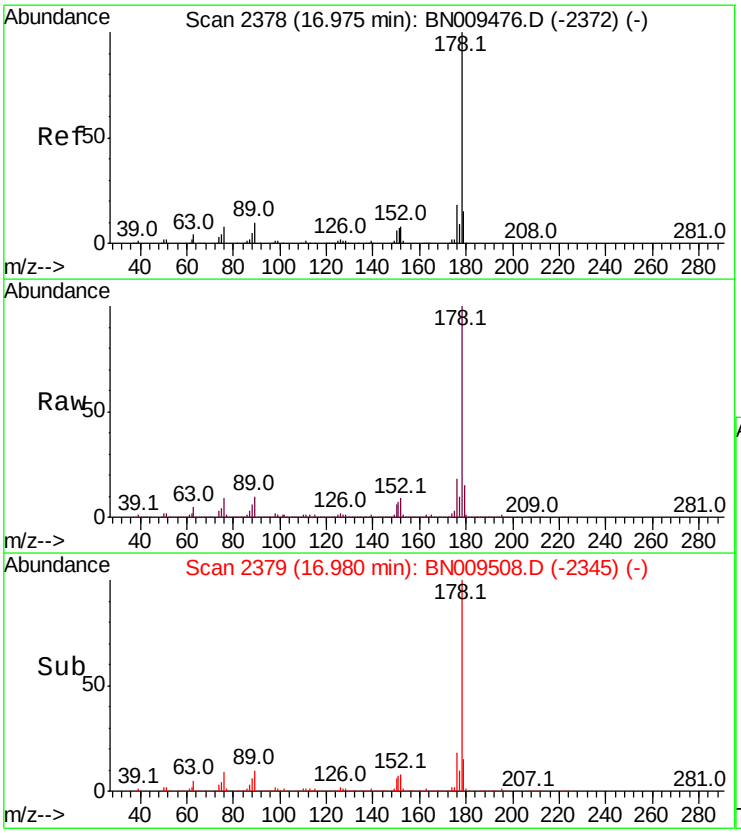
#69
Phenanthrene
Concen: 38.107 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. 0.09 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1778979

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.3	19.9
176	18.5	15.5	23.3

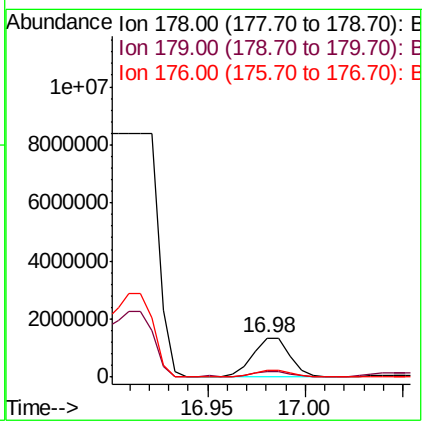


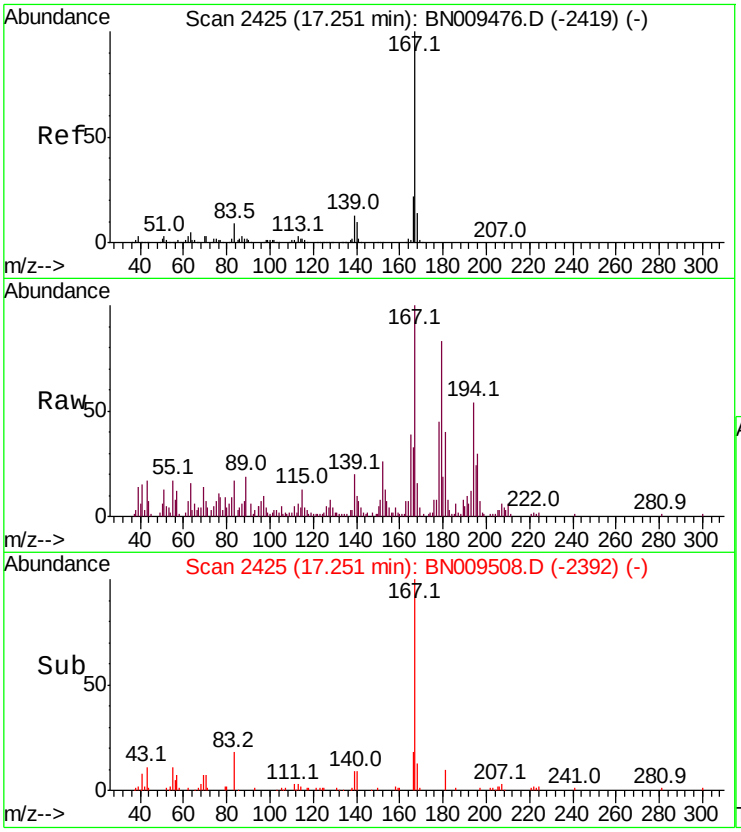


#71
Anthracene
Concen: 37.427 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:178 Resp: 1778979

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.6
176	18.5	14.6	22.0



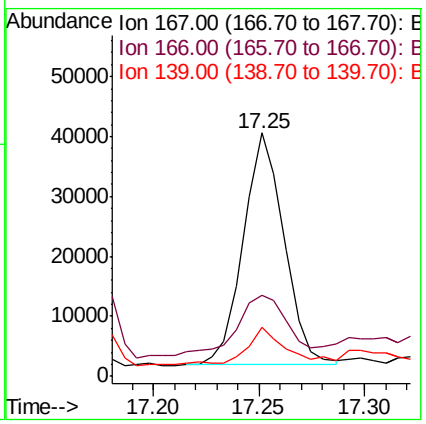


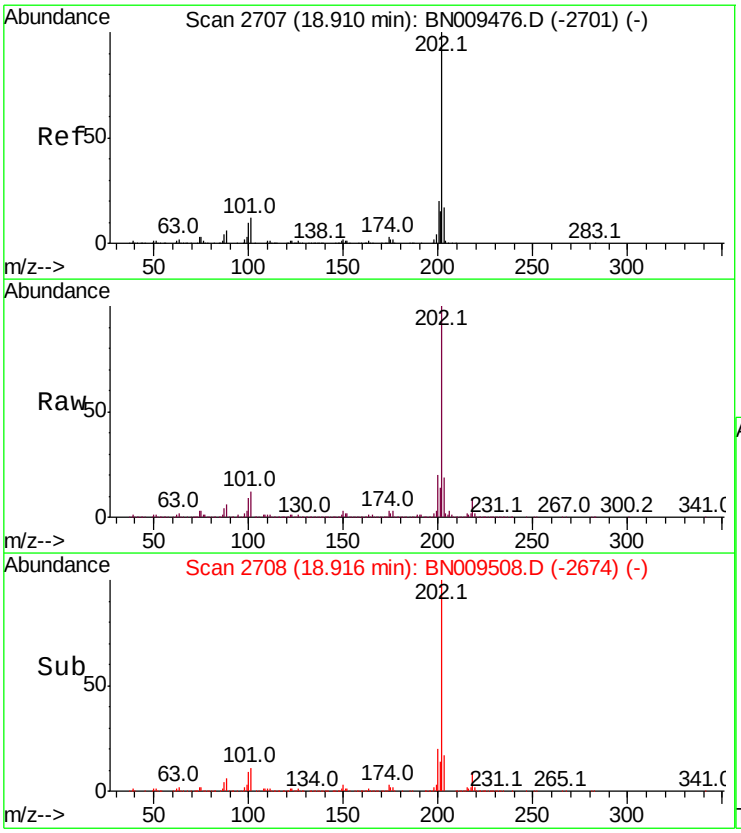
#74
Carbazole
Concen: 1.275 ng/ul
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 51902

Ion	Ratio	Lower	Upper
167	100		
166	33.3	17.4	26.2#
139	20.0	10.6	15.8#

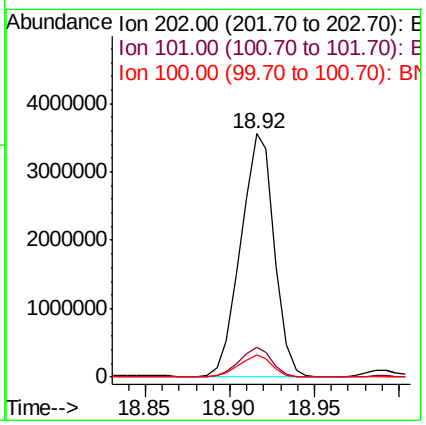


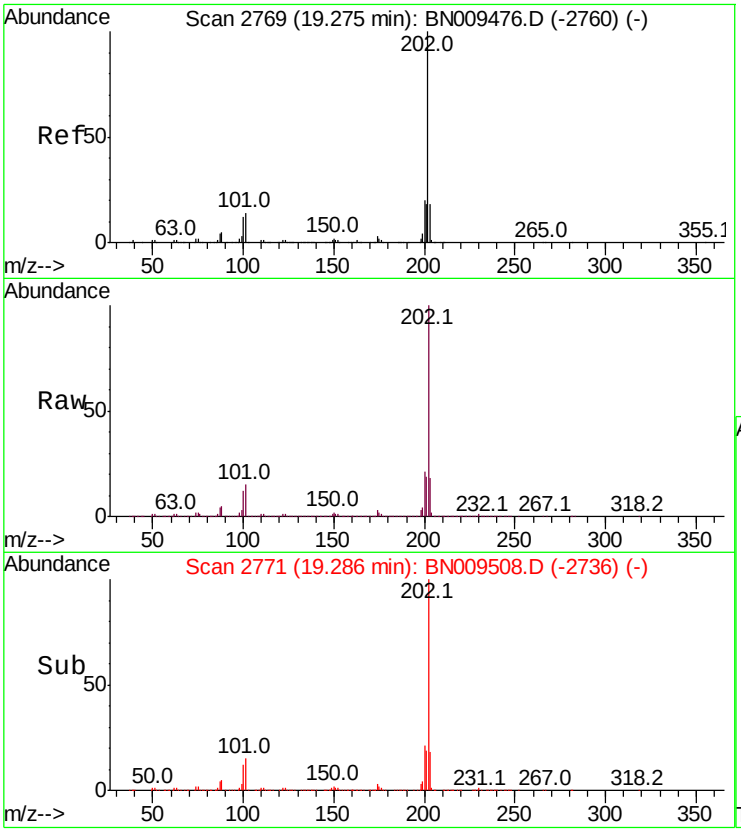


#76
Fluoranthene
Concen: 91.573 ng/ul
RT: 18.92 min Scan# 2708
Delta R.T. -0.00 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:202 Resp: 4900581

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	9.4	7.1	10.7



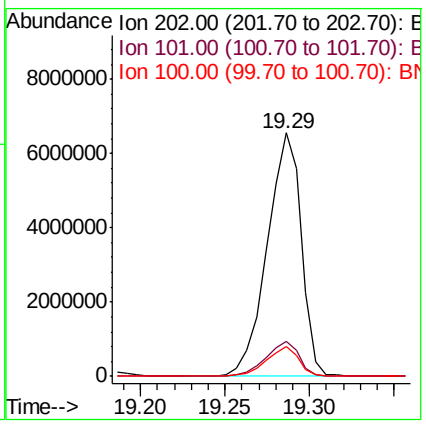


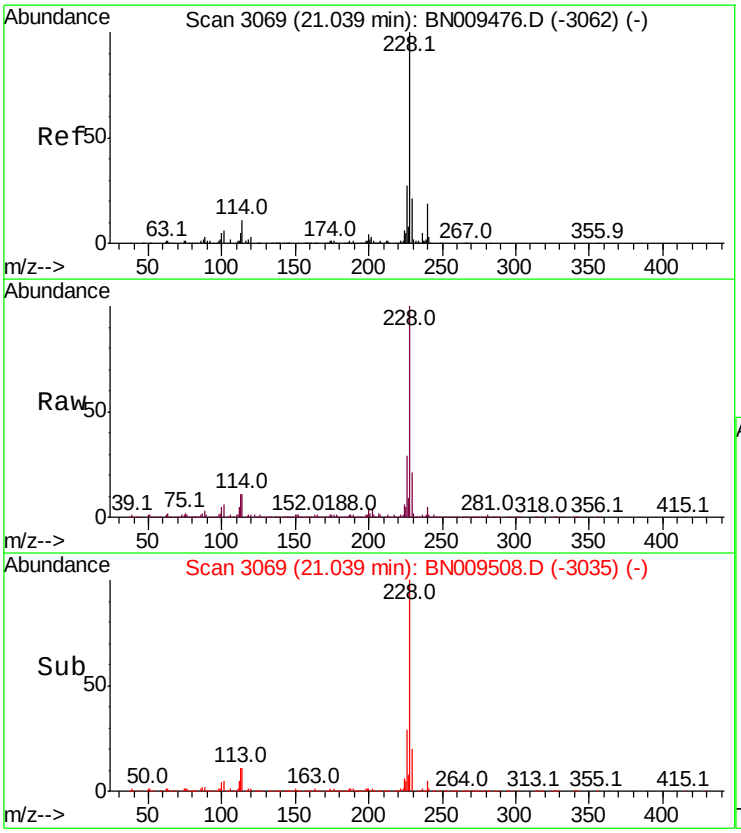
#79
Pyrene
Concen: 175.299 ng/ul
RT: 19.29 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 9144162

Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.9	16.3
100	12.0	8.6	12.8

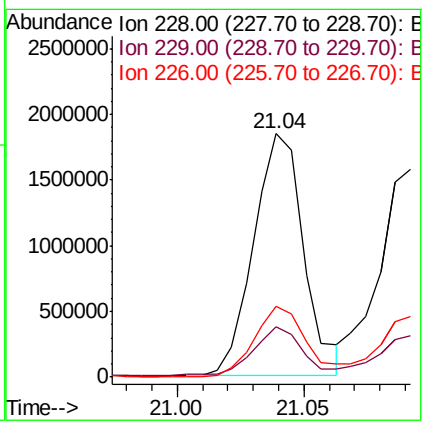


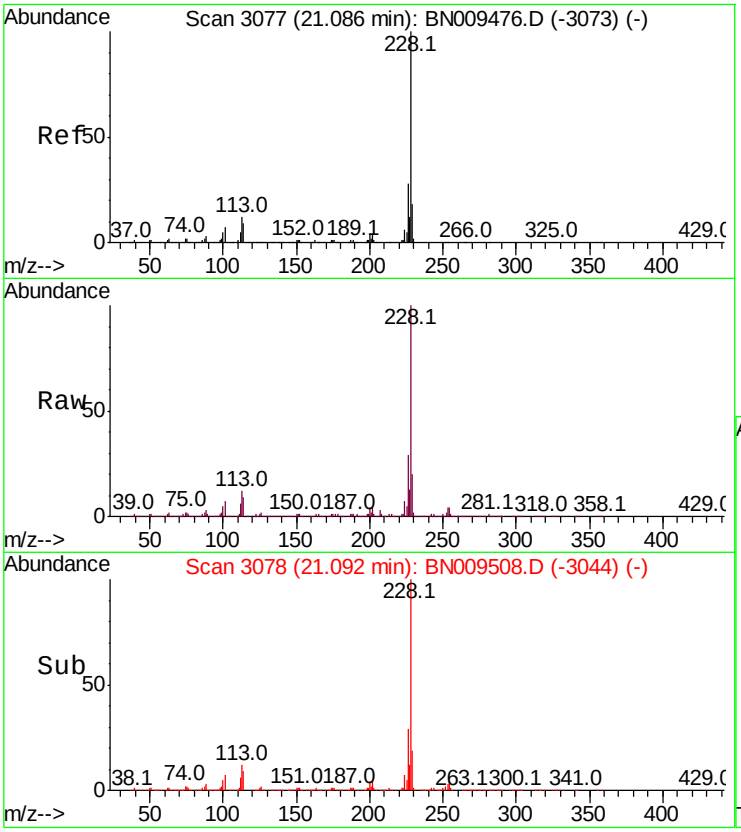


#82
Benzo(a)anthracene
Concen: 51.782 ng/ul
RT: 21.04 min Scan# 3069
Delta R.T. -0.00 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:228 Resp: 2540389

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.9	23.9
226	29.1	20.9	31.3



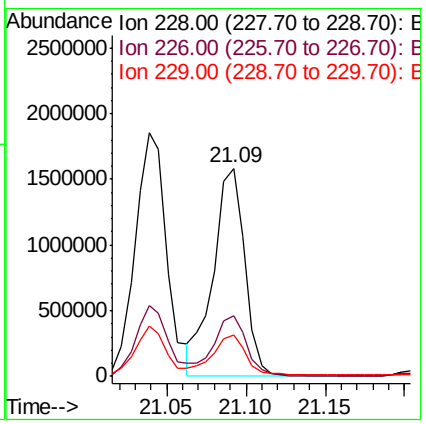


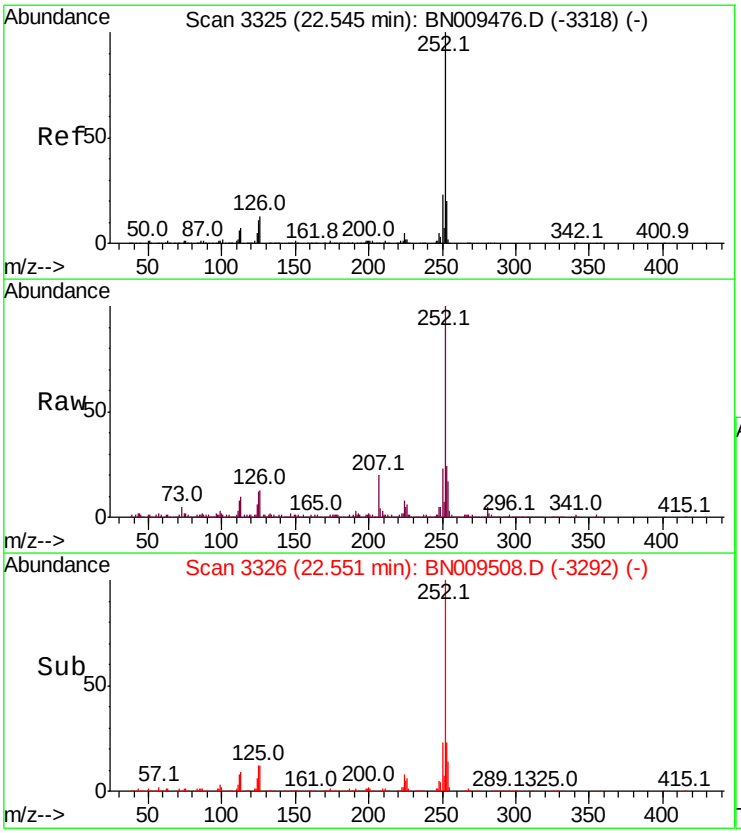
#84
Chrysene
Concen: 45.579 ng/ul
RT: 21.09 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2178244

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.9	34.3
229	20.0	15.4	23.0

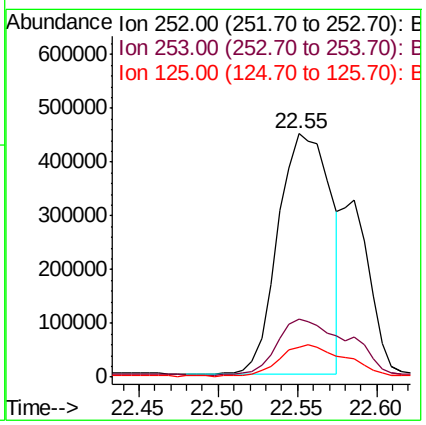


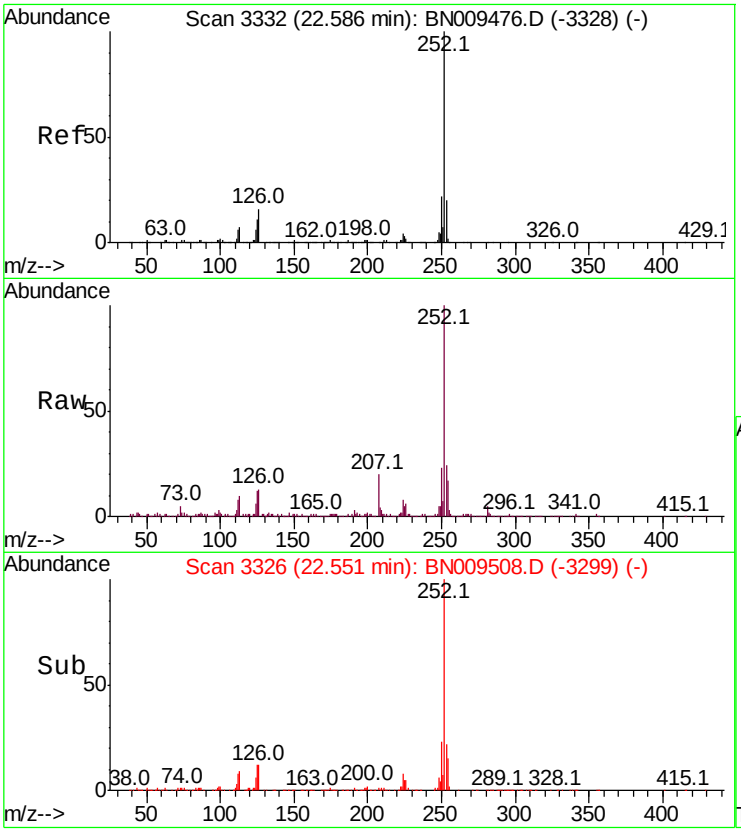


#87
Benzo(b)fluoranthene
Concen: 20.732 ng/ul
RT: 22.55 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:252 Resp: 1039198

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.5	24.7
125	12.4	8.2	12.2#



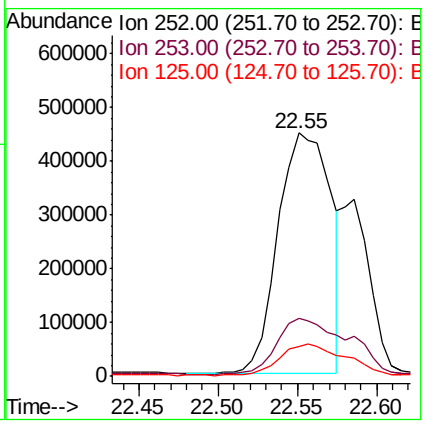


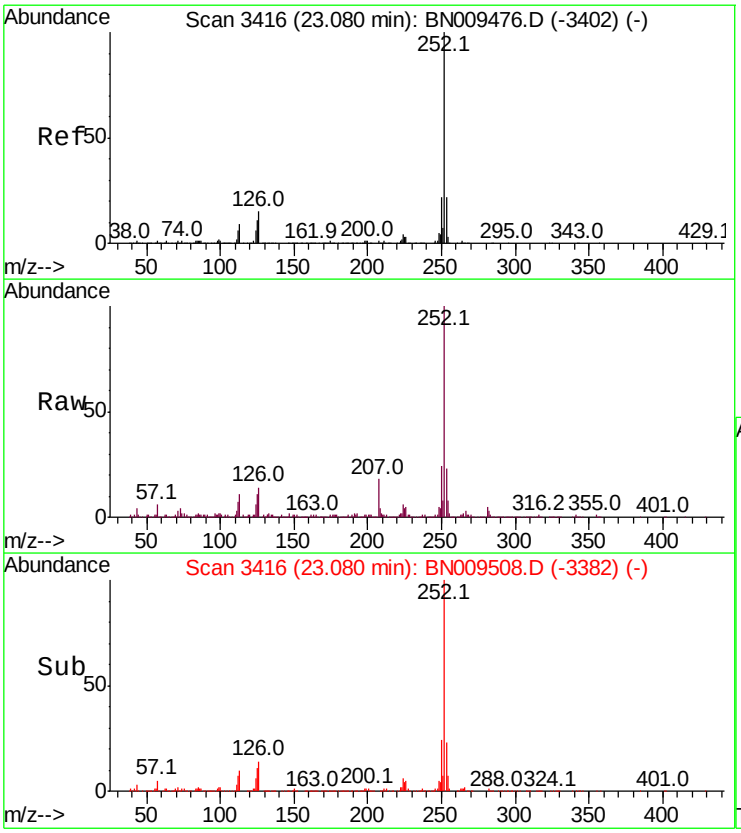
#88
Benzo(k)fluoranthene
Concen: 21.085 ng/ul
RT: 22.55 min Scan# 3326
Delta R.T. -0.04 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1039198

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.4
125	12.4	7.8	11.8#

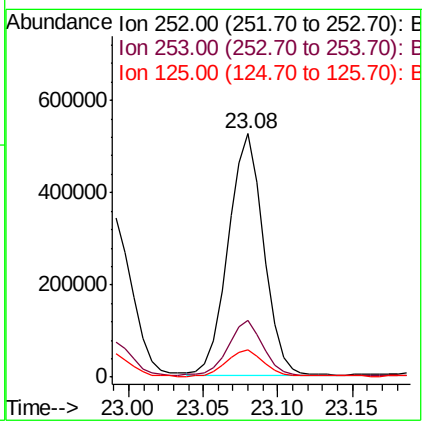


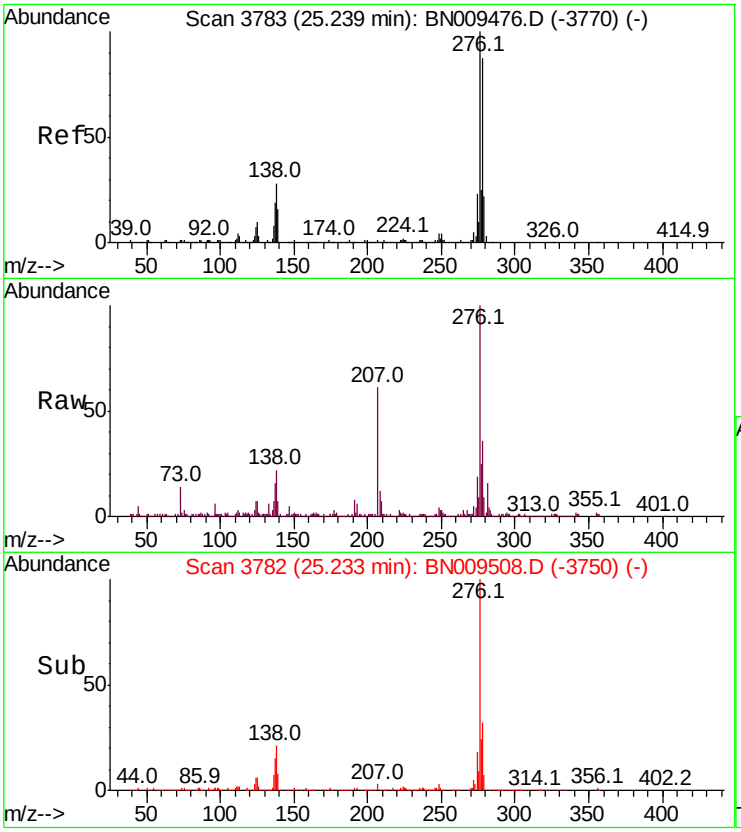


#90
Benzo(a)pyrene
Concen: 19.174 ng/ul
RT: 23.08 min Scan# 3416
Delta R.T. -0.00 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:252 Resp: 862705

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.3	9.8	14.6



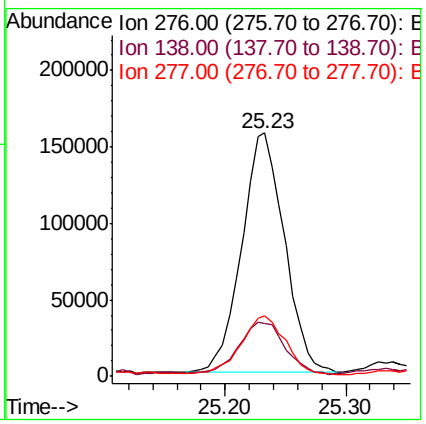


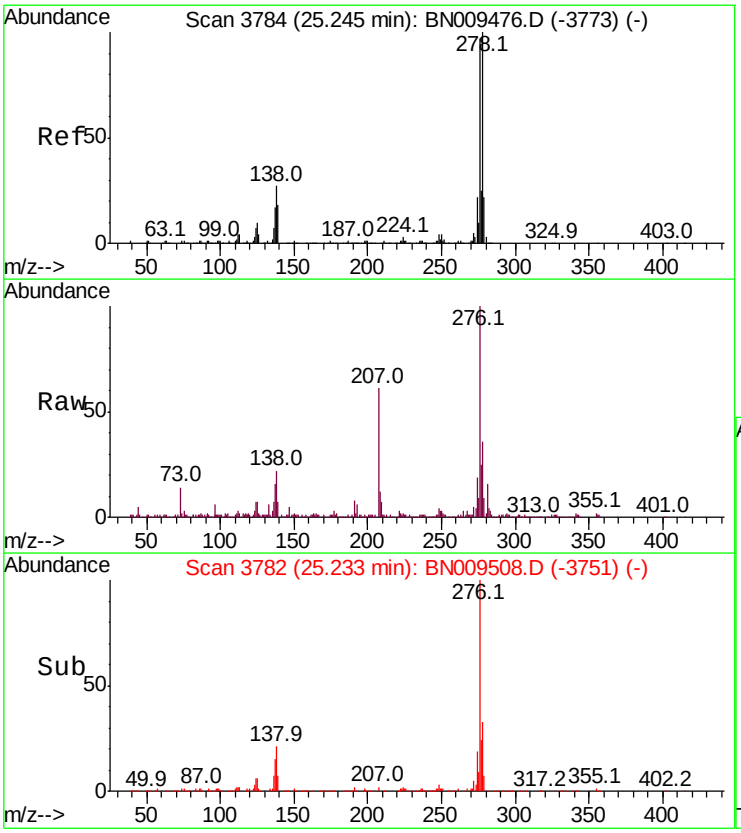
#91
Indeno(1,2,3-cd)pyrene
Concen: 7.090 ng/ul
RT: 25.23 min Scan# 3782
Delta R.T. -0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 386606

Ion	Ratio	Lower	Upper
276	100		
138	21.9	21.4	32.0
277	24.7	20.4	30.6

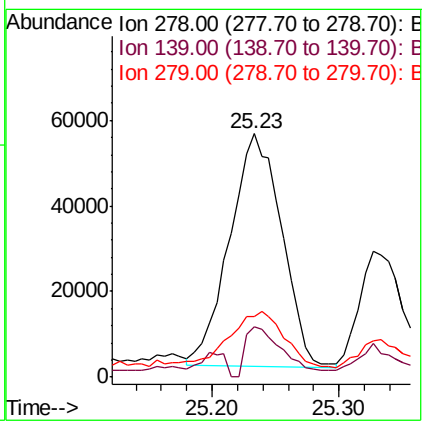


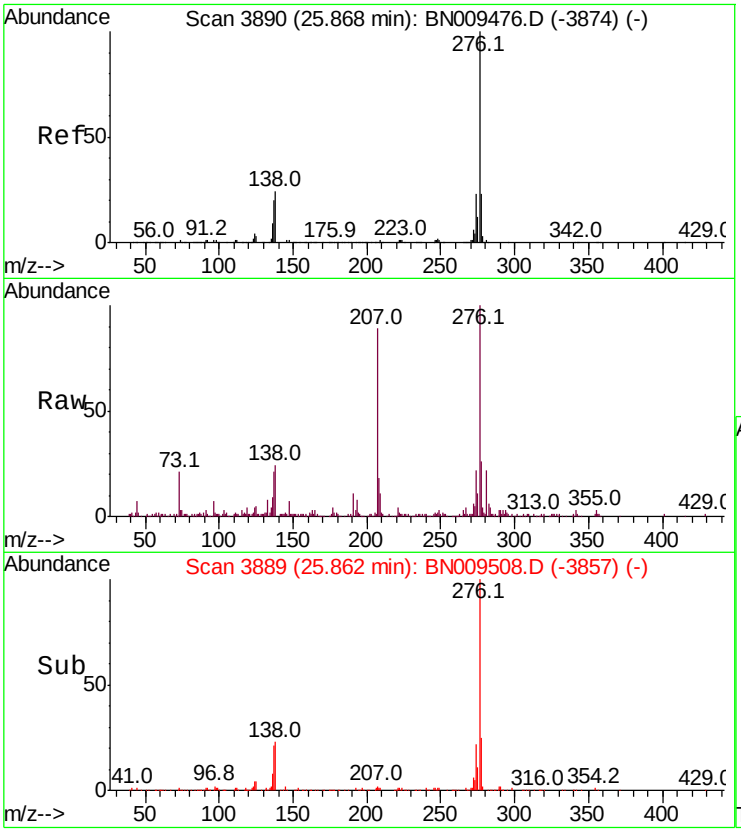


#92
Dibenzo(a,h)anthracene
Concen: 3.383 ng/ul
RT: 25.23 min Scan# 3782
Delta R.T. -0.02 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Tgt Ion:278 Resp: 155635

Ion	Ratio	Lower	Upper
278	100		
139	20.4	13.9	20.9
279	25.0	19.3	28.9





#93
Benzo(g,h,i)perylene
Concen: 6.499 ng/ul
RT: 25.86 min Scan# 3889
Delta R.T. -0.01 min
Lab File: BN009508.D
Acq: 31 Jan 2020 13:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 294755

Ion	Ratio	Lower	Upper
276	100		
138	23.7	16.6	24.8
277	25.9	18.7	28.1