Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005578.D
Acq On : 09 May 2019 22:18
Operator : JU/SJ
Sample : K2604-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 10 01:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	172041	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	720828	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	413542	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	794117	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	546612	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	635778	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	852	0.24	ng/uL	0.00
5) Phenol-d5	6.78	99	20976	1.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	14001	1.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	18429	1.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	17448	1.65	ng/ul	0.01
19) Nitrobenzene-d5	8.74	128	11211	2.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	9070	2.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	20067	1.95	ng/ul	0.02
29) 4-Chloroaniline-d4	10.47	131	74481	7.01	ng/ul	-0.02
43) Dimethylphthalate-d6	13.65	166	63140	2.10	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	78166	2.12	ng/ul	0.01
51) 4-Nitrophenol-d4	14.45	143	13849	2.92	ng/ul	0.00
57) Fluorene-d10	15.23	176	59339	2.36	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.36	200	393	0.11	ng/ul	0.00
70) Anthracene-d10	17.09	188	75091	2.26	ng/ul	0.00
78) Pyrene-d10	19.40	212	70080	2.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	62438	2.25	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.68	117	52992	11.415	ng/ul#	6
28) Naphthalene	10.40	128	2319798	69.227	ng/ul	100
32) Caprolactam	11.28	113	6974	2.265	ng/ul#	1
34) 2-Methylnaphthalene	12.03	142	7779296	317.050	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	153252	4.974	ng/ul	98
47) Acenaphthylene	13.95	152	5254982	145.027	ng/ul#	96
49) Acenaphthene	14.29	153	737947	29.832	ng/ul	99
53) Dibenzofuran	14.63	168	1442554	40.504	ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	23133	3.107	ng/ul#	84
58) Fluorene	15.29	166	3843266	138.290	ng/ul	98
64) N-Nitrosodiphenylamine	15.37	169	88126	4.055	ng/ul	86
69) Phenanthrene	17.05	178	14800264	382.685	ng/ul	95
71) Anthracene	17.12	178	3661703	92.942	ng/ul	99
74) Carbazole	17.39	167	49088	1.450	ng/ul#	62
76) Fluoranthene	19.07	202	7173847	167.232	ng/ul	96
79) Pyrene	19.44	202	9397991	267.029	ng/ul	95
82) Benzo(a)anthracene	21.26	228	3132616	92.123	ng/ul	95
84) Chrysene	21.26	228	3144557	99.638	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	3179508	88.965	ng/ul#	98
88) Benzo(k)fluoranthene	22.77	252	3179508	93.151	ng/ul	98
90) Benzo(a)pyrene	23.24	252	1698644	50.566	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.63	276	1486262	40.017	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.62	278	498832	15.826	ng/ul	96

Quantitation Report (Not Reviewed)

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Misc :
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BNA_N
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Quant Time: May 10 01:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.29	276	1369859	44.606	ng/ul#	94

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

Quantitation Report (Not Reviewed)

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Data File : BN005578.D
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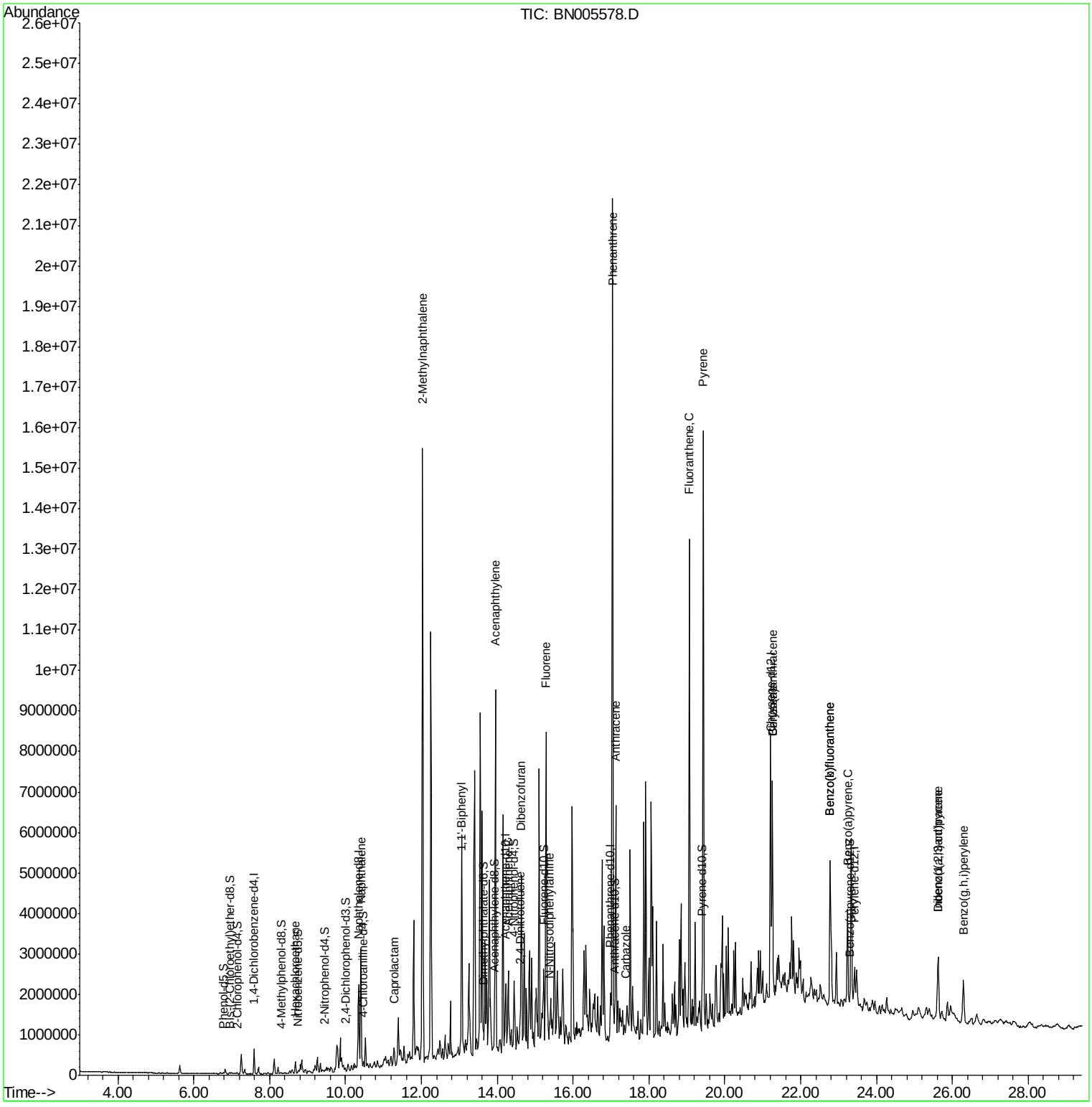
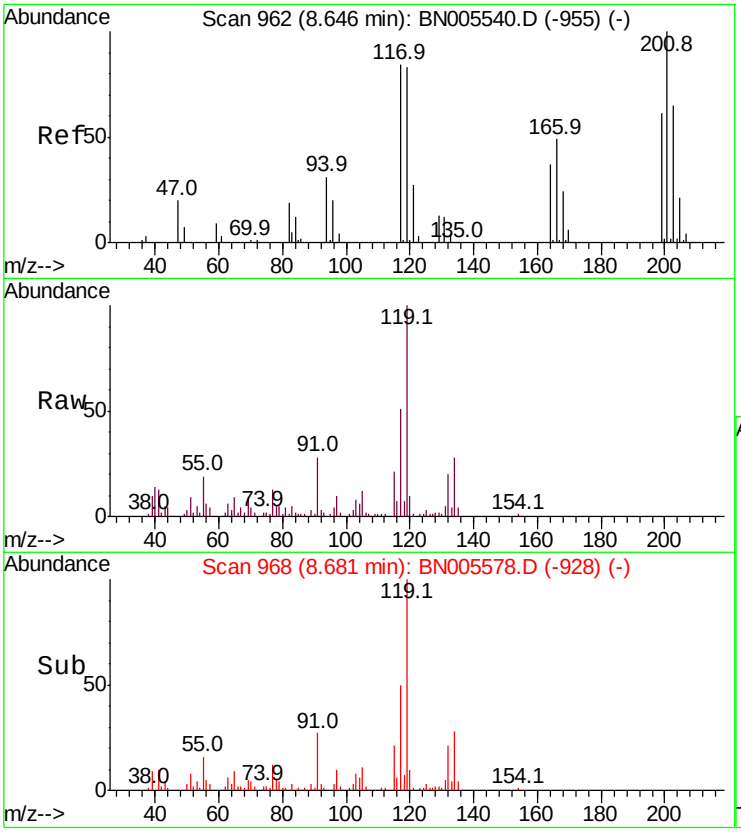
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration



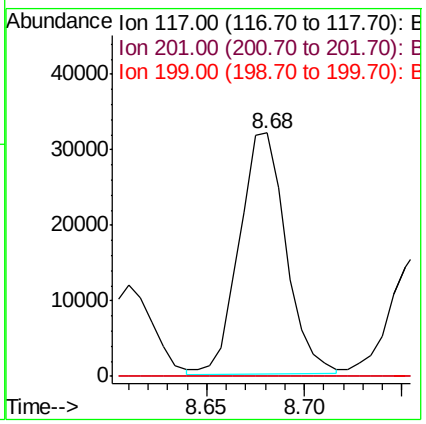


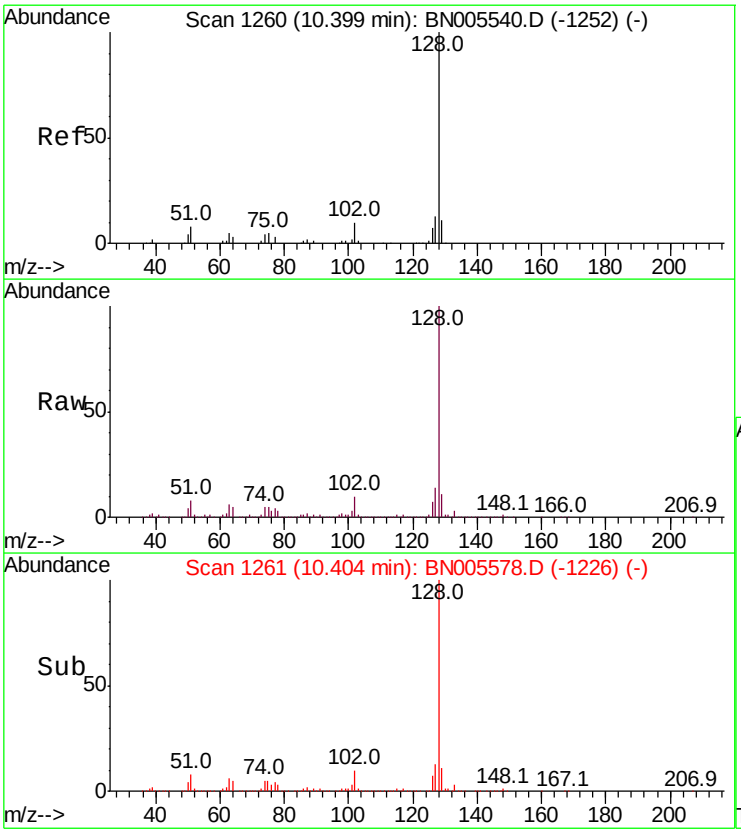
#17
Hexachloroethane
Concen: 11.415 ng/ul
RT: 8.68 min Scan# 968
Delta R.T. 0.04 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:117 Resp: 52992

Ion	Ratio	Lower	Upper
117	100		
201	0.0	84.1	126.1#
199	0.0	51.2	76.8#

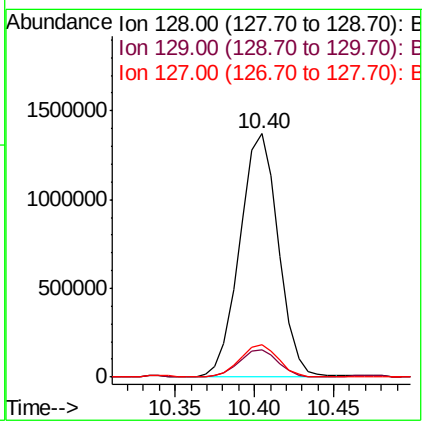


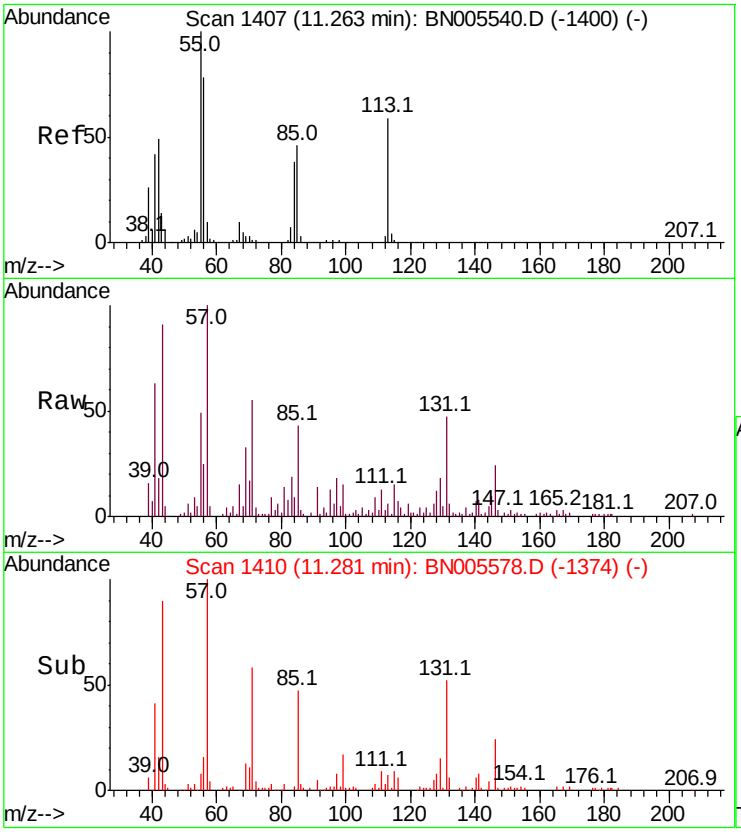


#28
Naphthalene
Concen: 69.227 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:128 Resp: 2319798

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.5	10.7	16.1



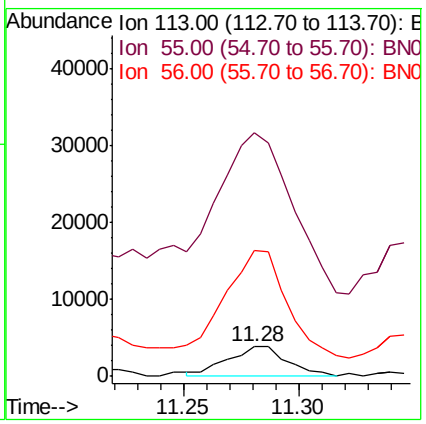


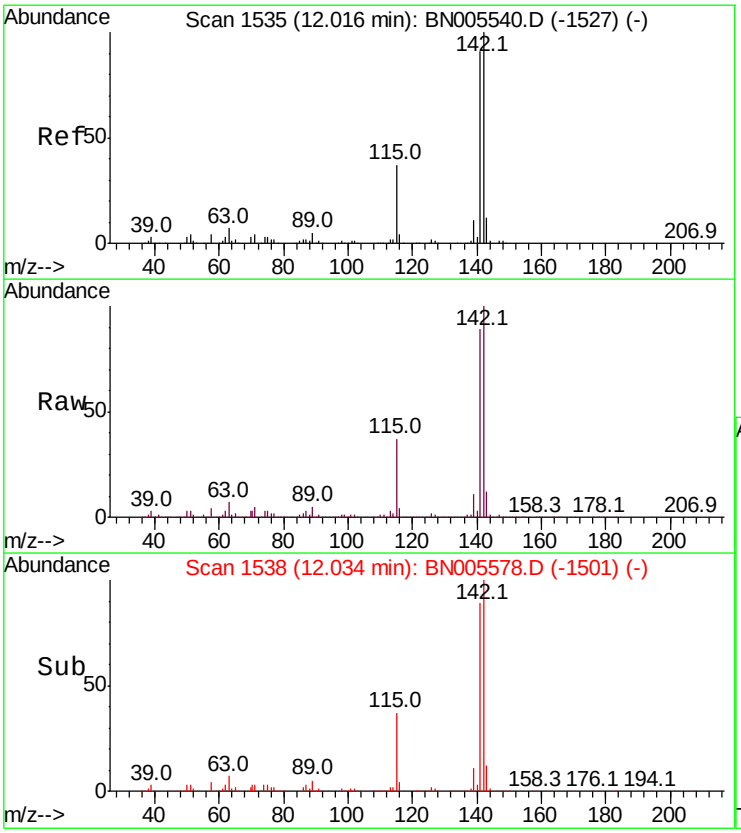
#32
Caprolactam
Concen: 2.265 ng/ul
RT: 11.28 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:113 Resp: 6974

Ion	Ratio	Lower	Upper
113	100		
55	821.0	157.0	235.4#
56	425.3	119.1	178.7#

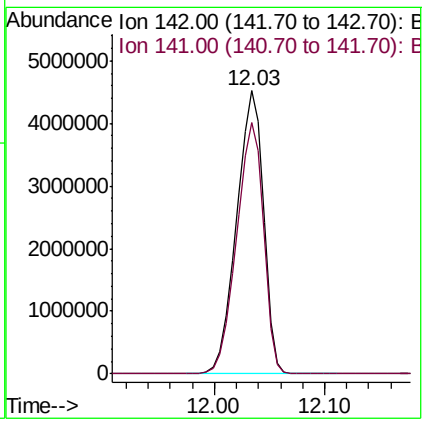


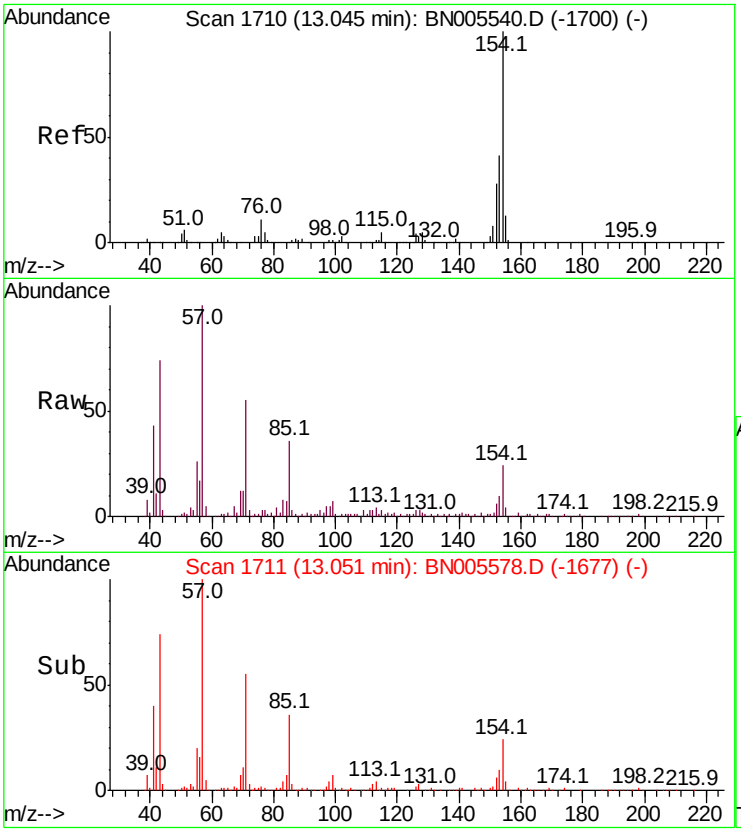


#34
2-Methylnaphthalene
Concen: 317.050 ng/ul
RT: 12.03 min Scan# 1538
Delta R.T. 0.02 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:142 Resp: 7779296

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.0	108.0



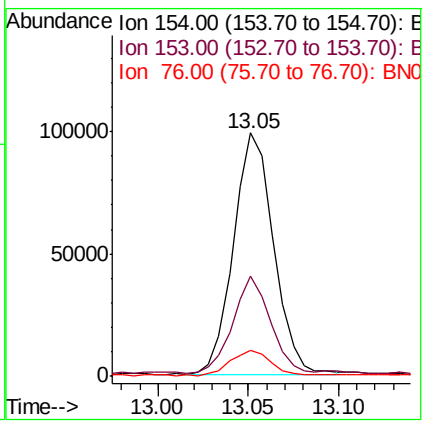


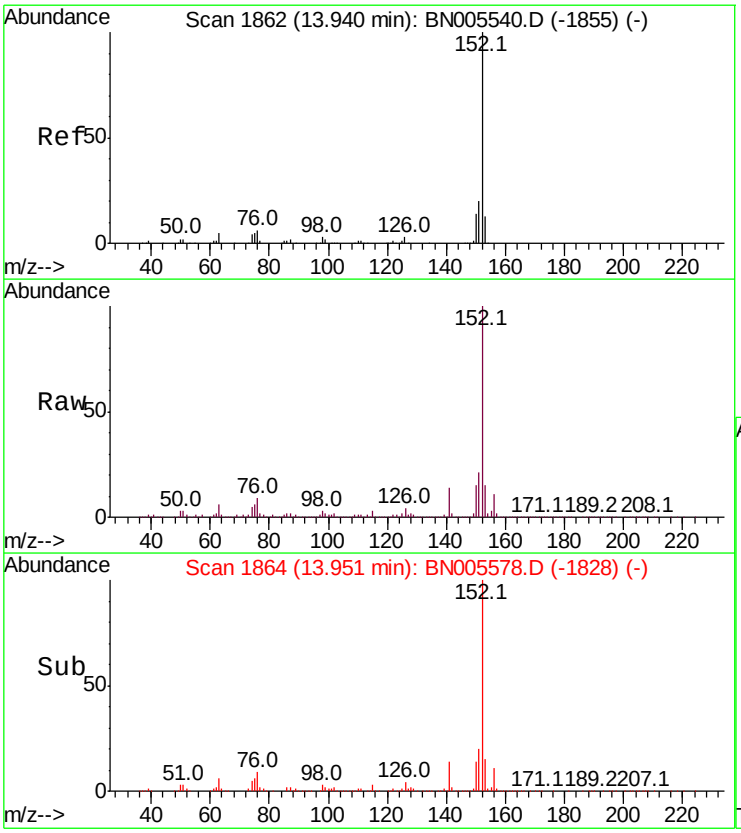
#40
1,1'-Biphenyl
Concen: 4.974 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 153252

Ion	Ratio	Lower	Upper
154	100		
153	41.4	32.6	49.0
76	10.6	10.4	15.6

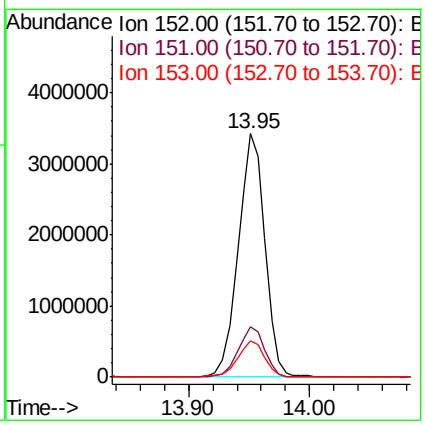


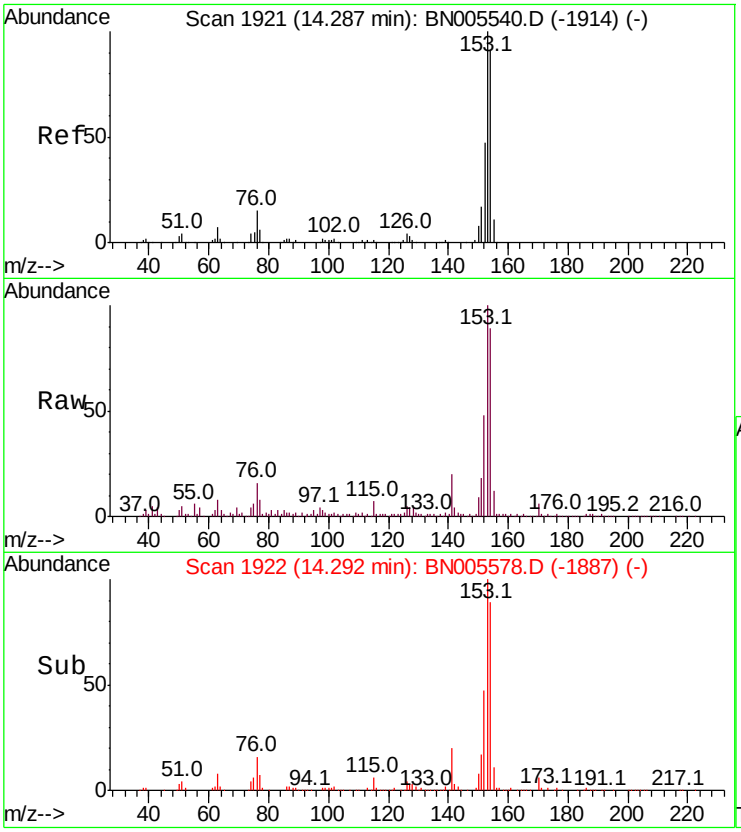


#47
Acenaphthylene
Concen: 145.027 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:152 Resp: 5254982

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	15.0	9.8	14.8#



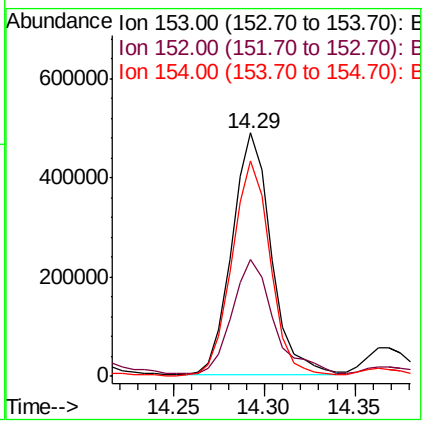


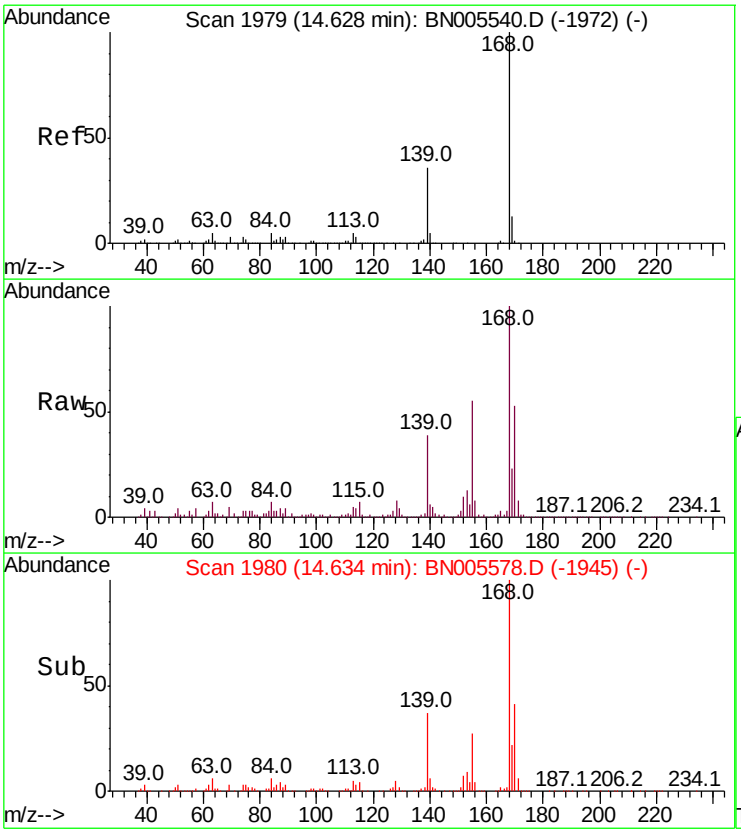
#49
Acenaphthene
Concen: 29.832 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 737947

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.4	56.0
154	88.7	71.2	106.8

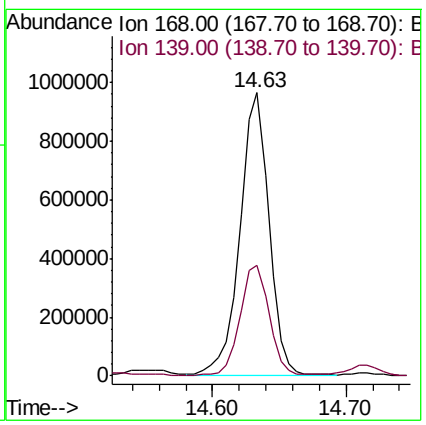


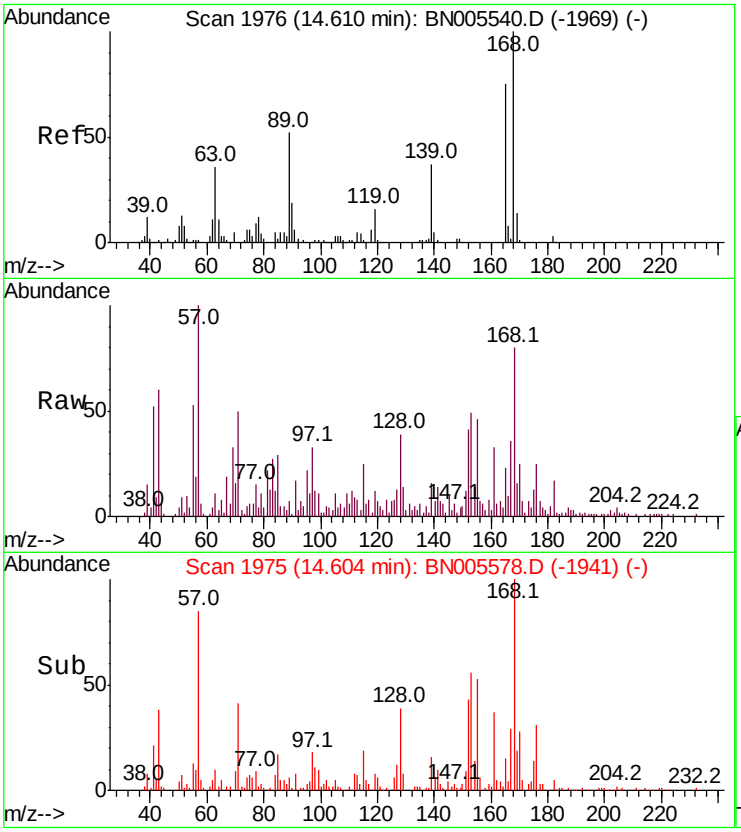


#53
Dibenzofuran
Concen: 40.504 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:168 Resp: 1442554

Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.9	46.3



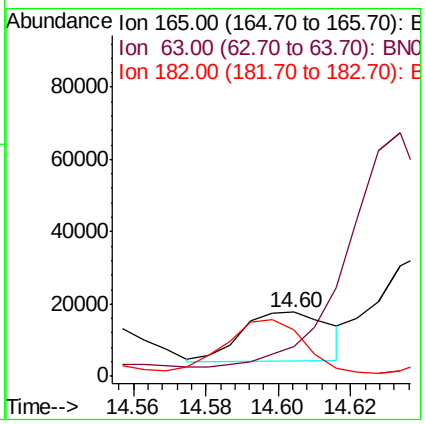


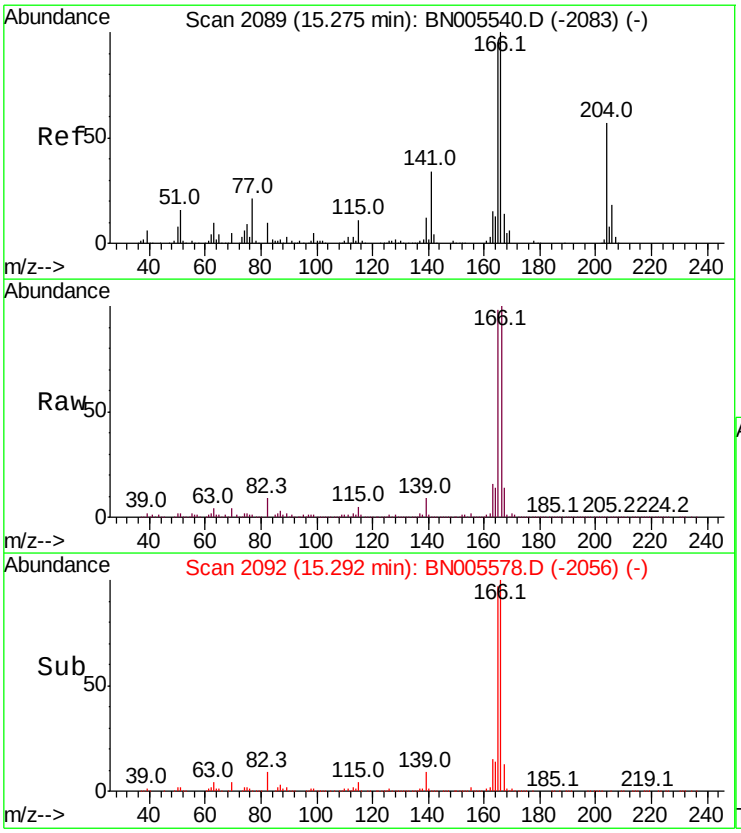
#54
2,4-Dinitrotoluene
Concen: 3.107 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 23133

Ion	Ratio	Lower	Upper
165	100		
63	46.2	38.9	58.3
182	72.9	2.6	3.8#

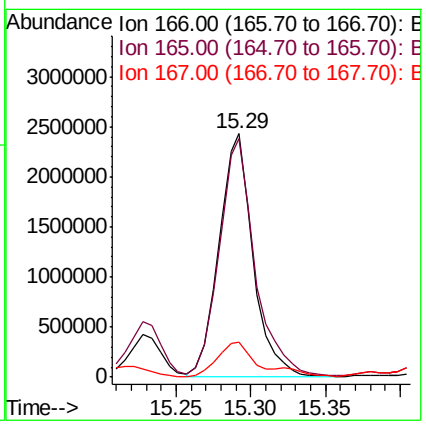


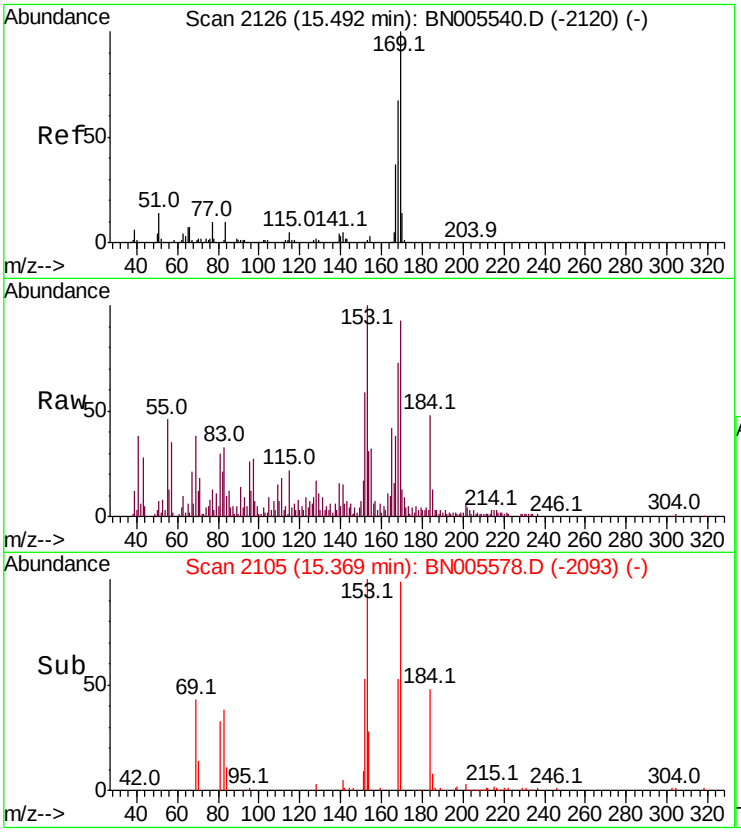


#58
Fluorene
Concen: 138.290 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:166 Resp: 3843266

Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.0	120.0
167	14.1	10.7	16.1



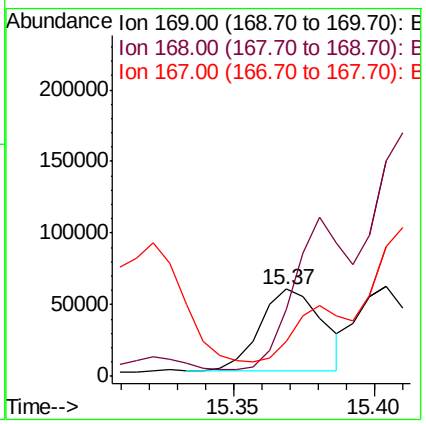


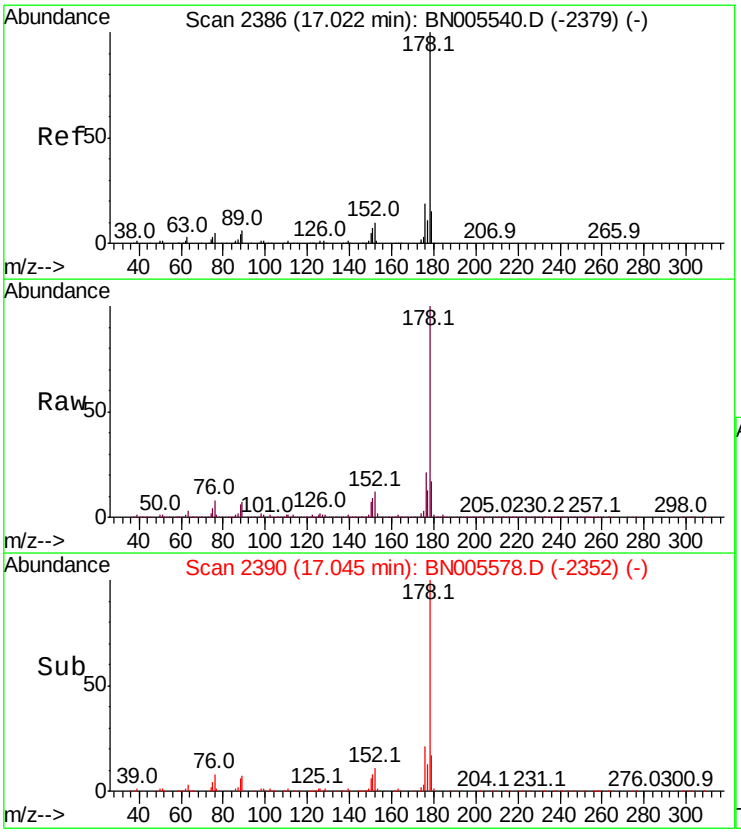
#64
N-Nitrosodiphenylamine
Concen: 4.055 ng/ul
RT: 15.37 min Scan# 2105
Delta R.T. -0.13 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:169 Resp: 88126

Ion	Ratio	Lower	Upper
169	100		
168	77.7	52.2	78.2
167	40.7	27.7	41.5

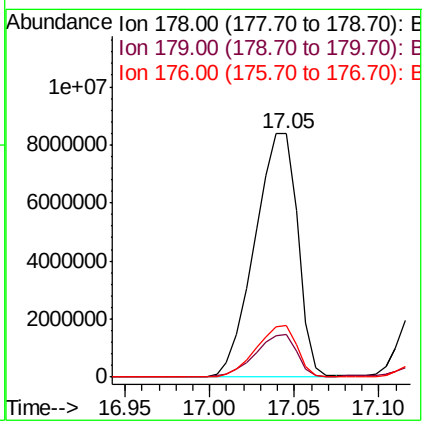


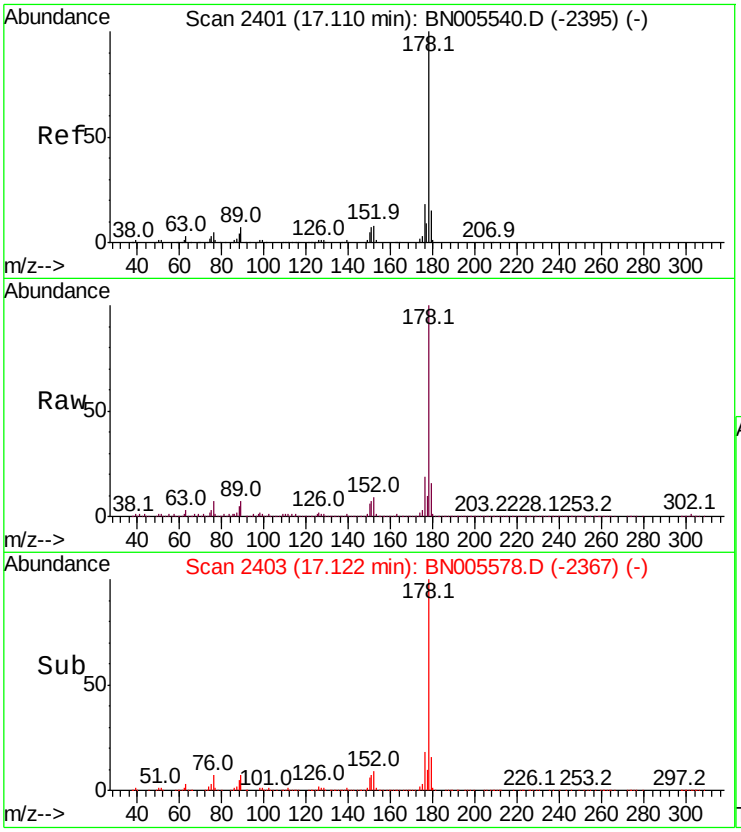


#69
Phenanthrene
Concen: 382.685 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.02 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:178 Resp:14800264

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.2	18.4
176	21.4	15.1	22.7



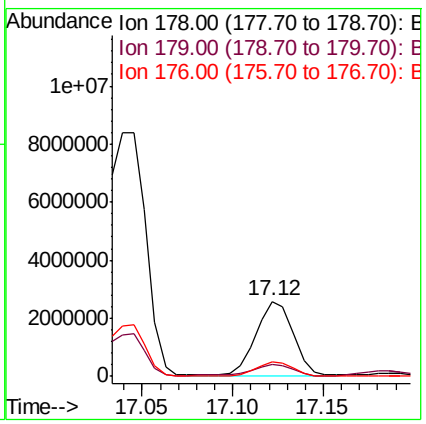


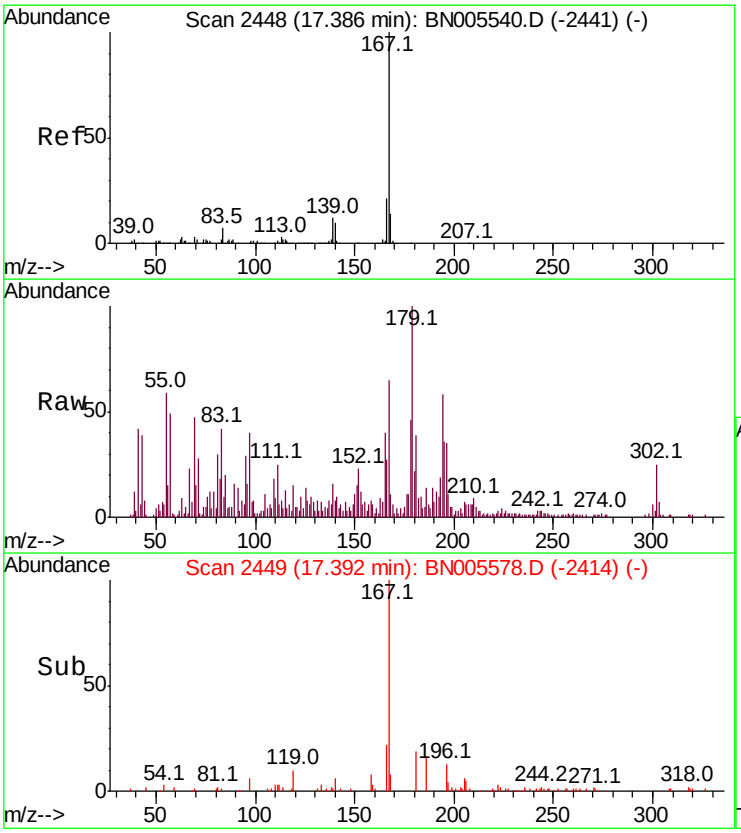
#71
Anthracene
Concen: 92.942 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3661703

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.5	15.1	22.7

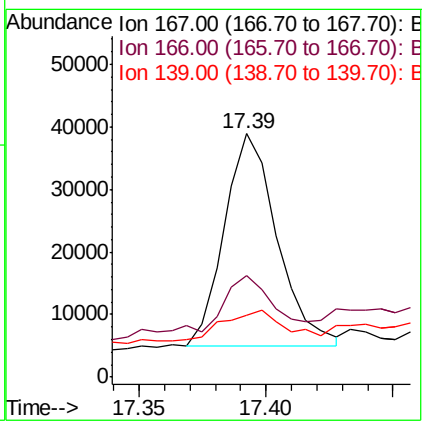


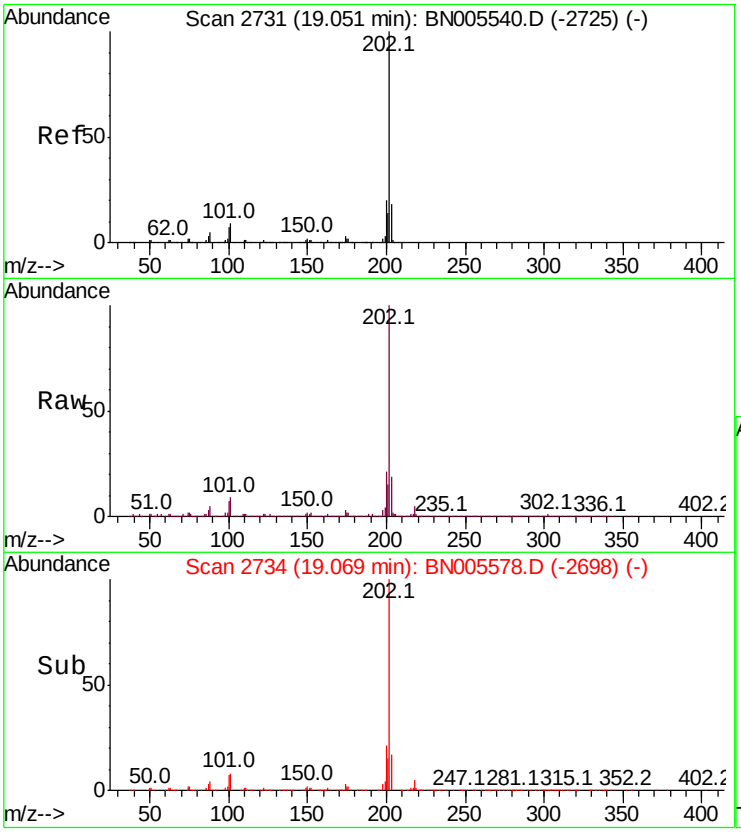


#74
Carbazole
Concen: 1.450 ng/ul
RT: 17.39 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:167 Resp: 49088

Ion	Ratio	Lower	Upper
167	100		
166	41.6	17.2	25.8#
139	25.2	10.6	16.0#



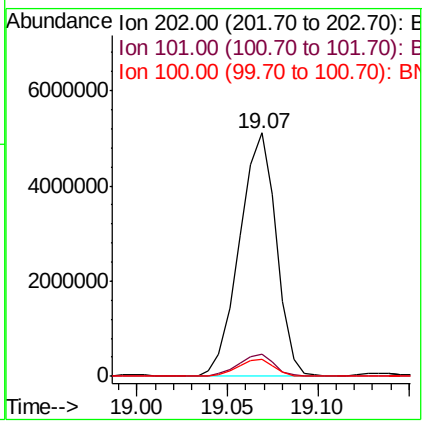


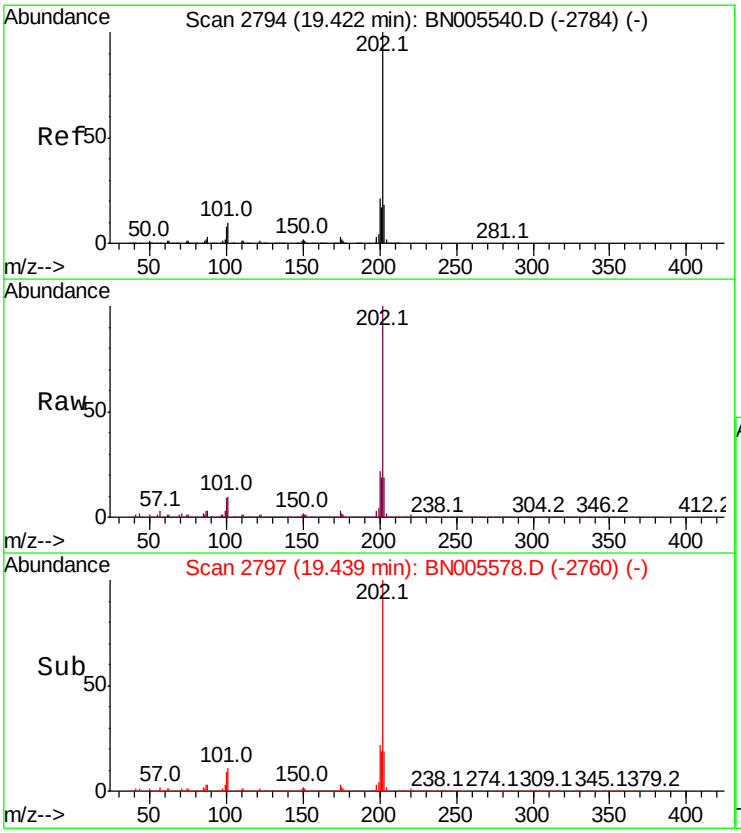
#76
Fluoranthene
Concen: 167.232 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. 0.01 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 7173847

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.6	12.8
100	6.9	6.3	9.5

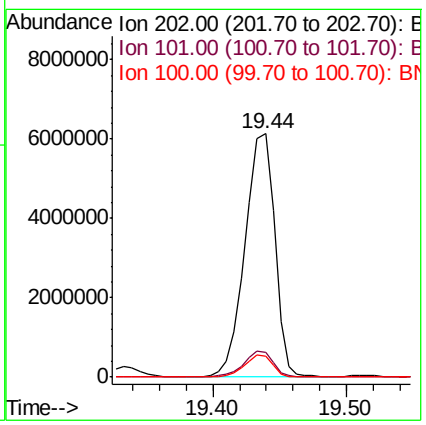


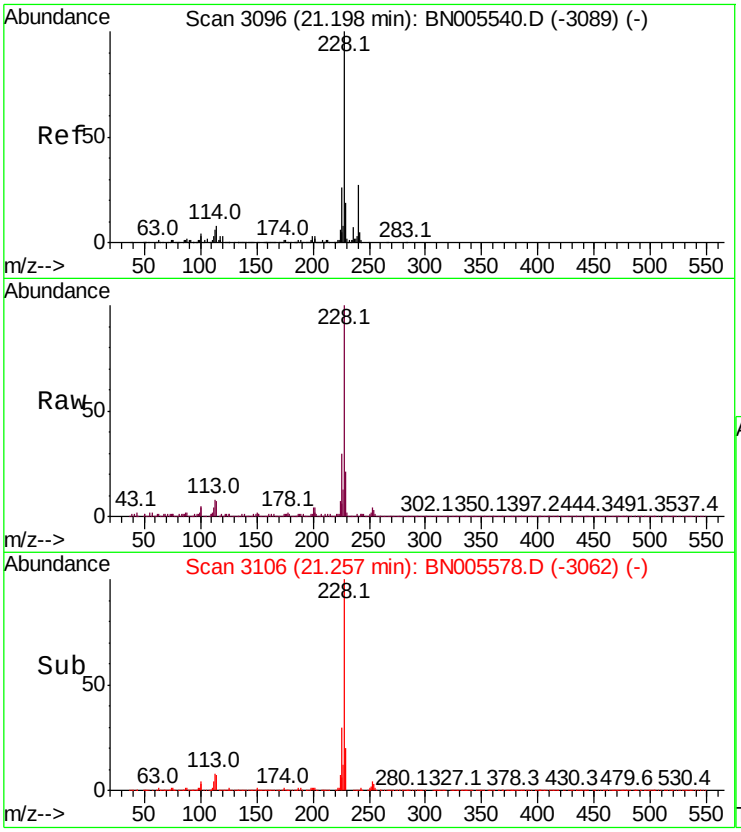


#79
Pyrene
Concen: 267.029 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.02 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:202 Resp: 9397991

Ion	Ratio	Lower	Upper
202	100		
101	10.4	10.3	15.5
100	8.6	7.9	11.9



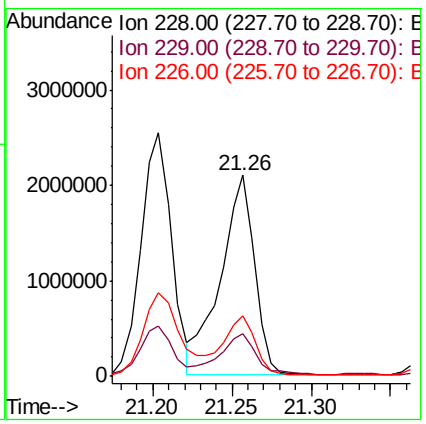


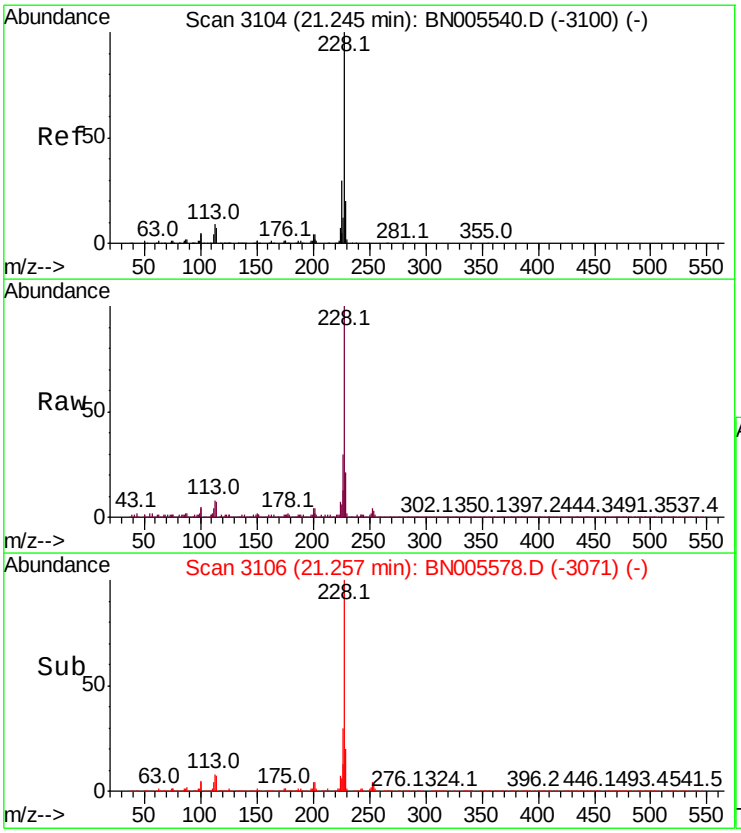
#82
Benzo(a)anthracene
Concen: 92.123 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.06 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 3132616

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	30.2	21.4	32.2

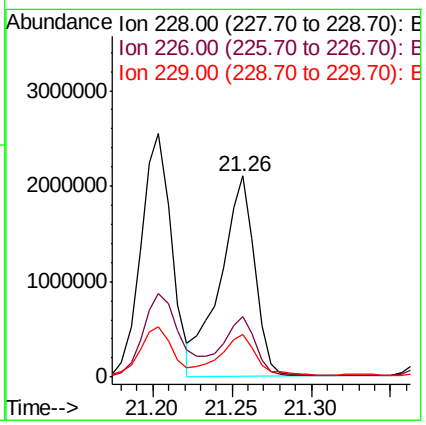


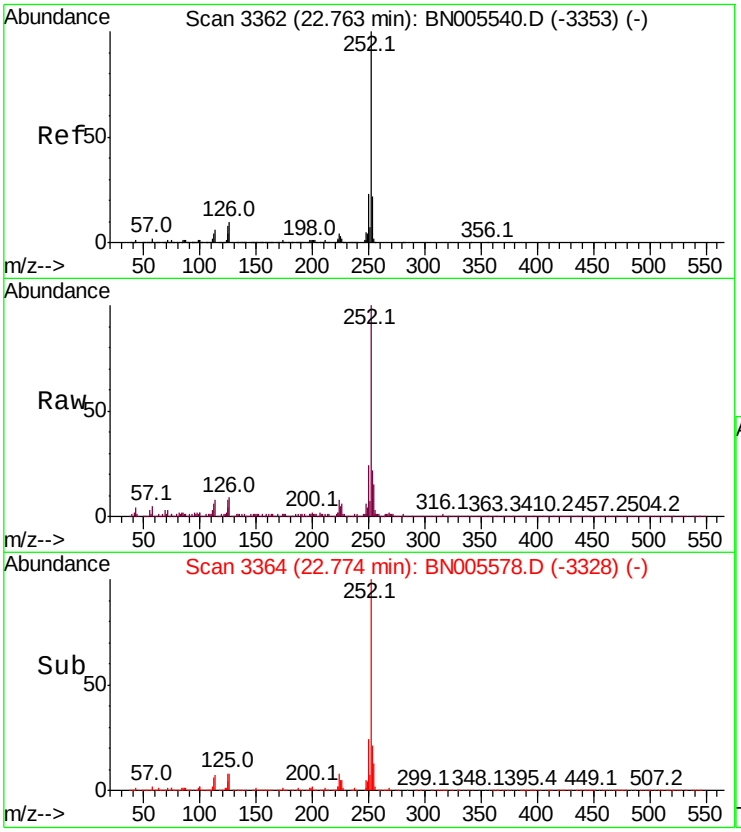


#84
Chrysene
Concen: 99.638 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:228 Resp: 3144557

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.0	15.4	23.0



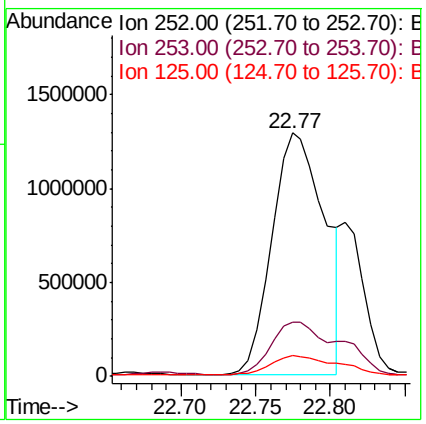


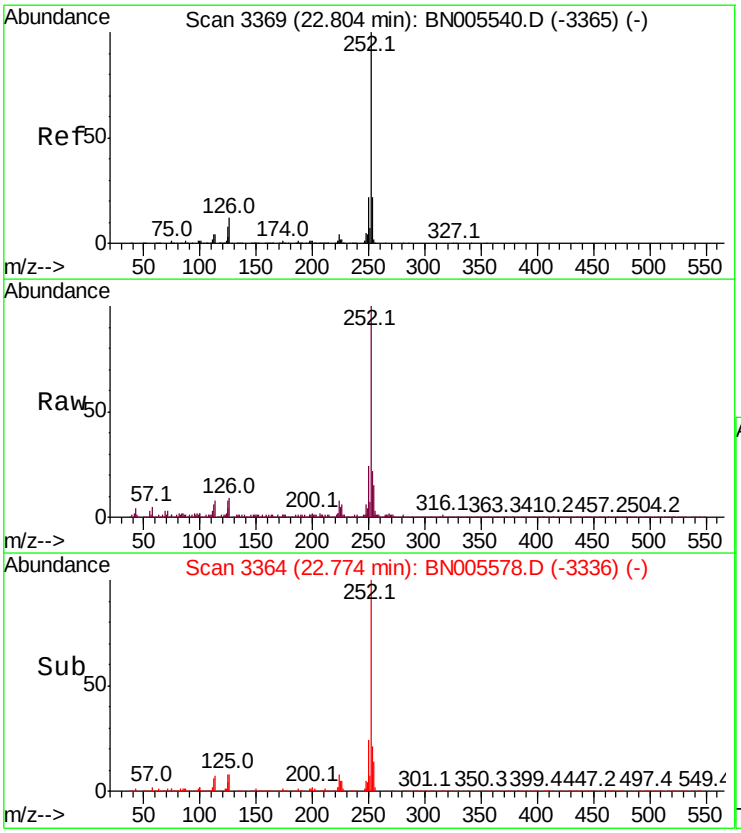
#87
Benzo(b)fluoranthene
Concen: 88.965 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3179508

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.4	8.4	12.6#

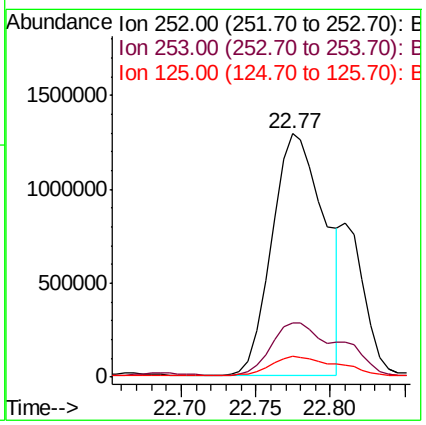


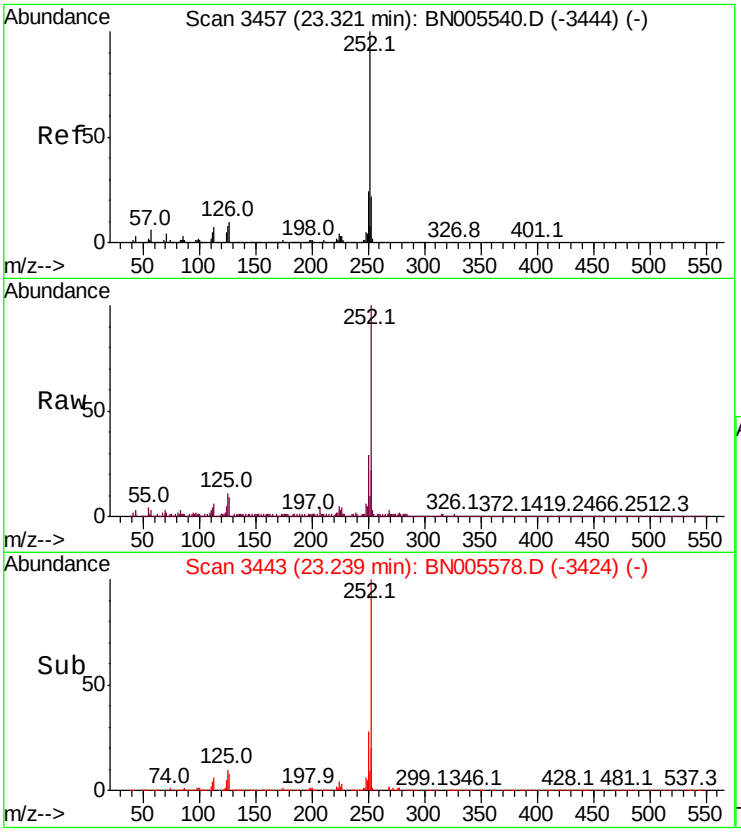


#88
Benzo(k)fluoranthene
Concen: 93.151 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.04 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:252 Resp: 3179508

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	8.4	7.5	11.3



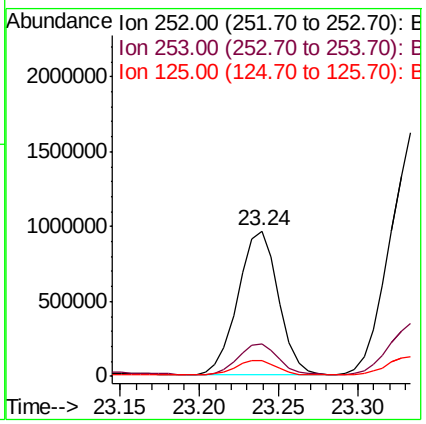


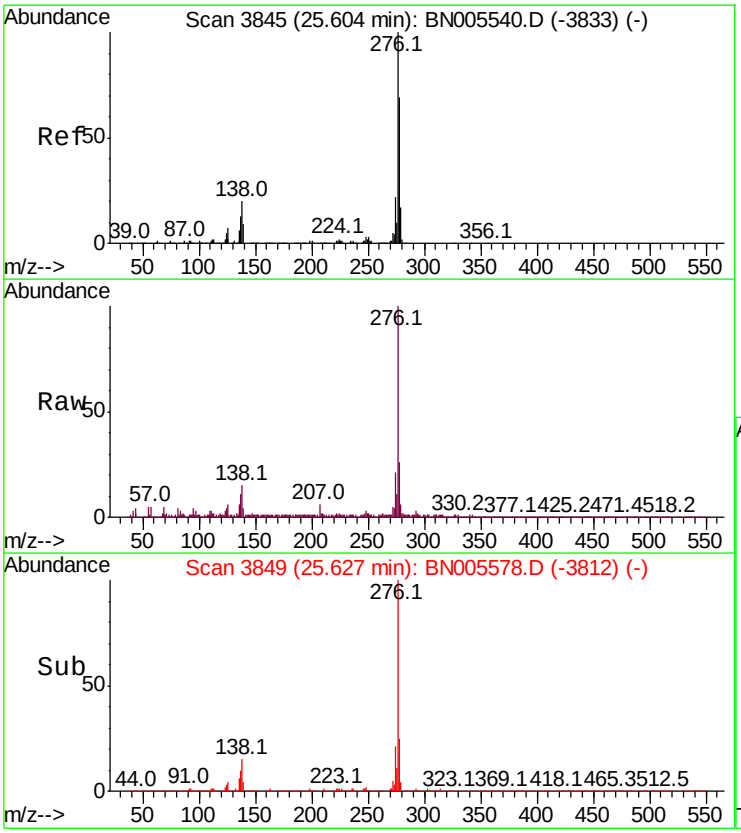
#90
Benzo(a)pyrene
Concen: 50.566 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. -0.09 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1698644

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	10.9	8.6	13.0

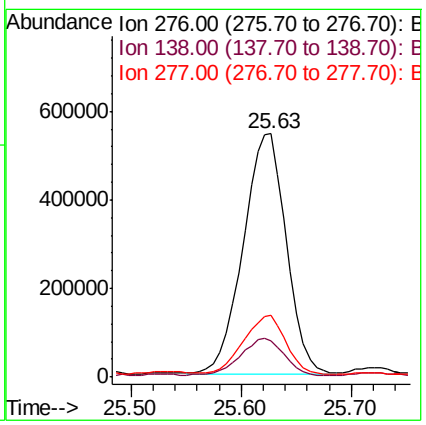


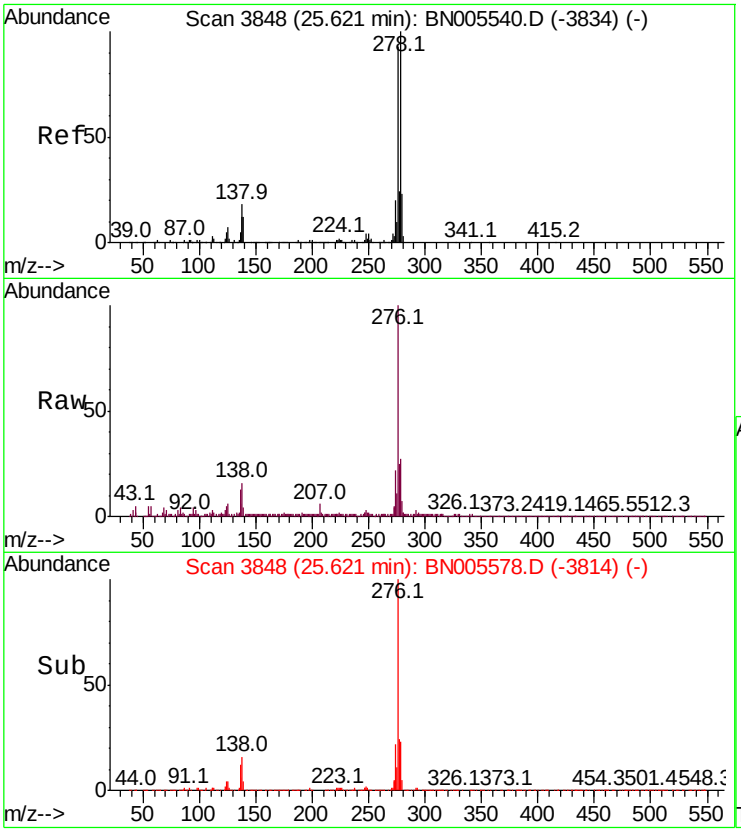


#91
Indeno(1,2,3-cd)pyrene
Concen: 40.017 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. 0.02 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:276 Resp: 1486262

Ion	Ratio	Lower	Upper
276	100		
138	15.1	17.9	26.9#
277	25.6	19.7	29.5



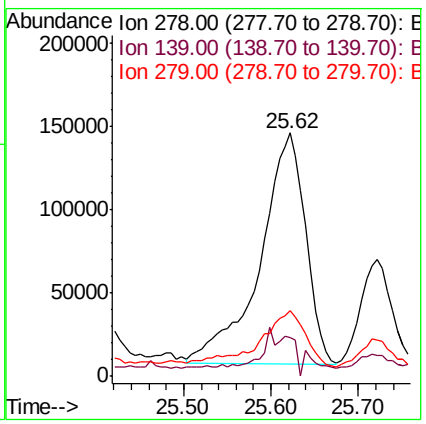


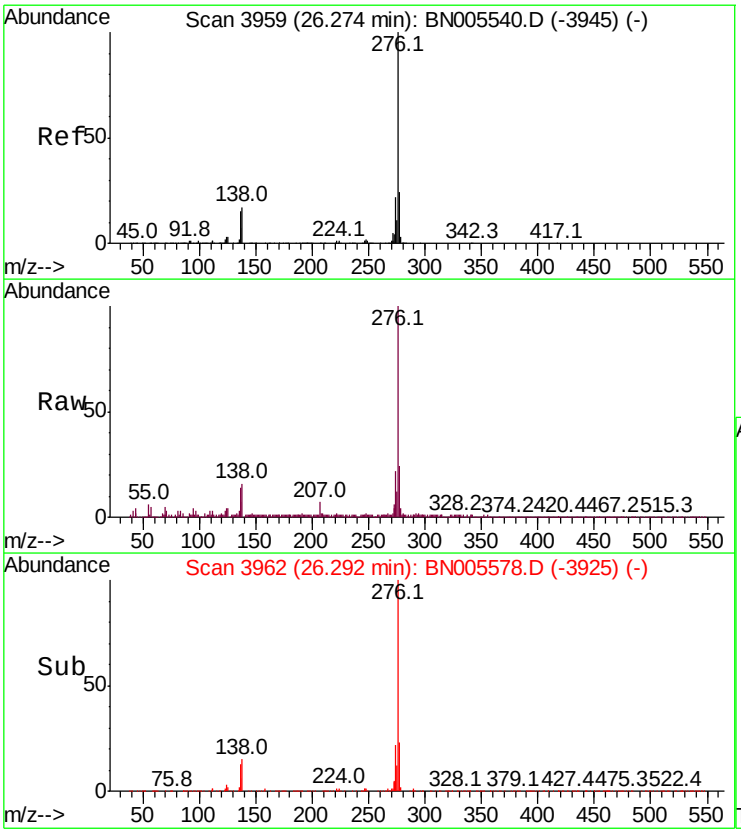
#92
Dibenzo(a,h)anthracene
Concen: 15.826 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. -0.00 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 498832

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	27.0	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 44.606 ng/ul
RT: 26.29 min Scan# 3962
Delta R.T. 0.02 min
Lab File: BN005578.D
Acq: 09 May 2019 22:18

Tgt Ion:276 Resp: 1369859

Ion	Ratio	Lower	Upper
276	100		
138	16.1	16.7	25.1#
277	24.0	18.2	27.2