Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007866.D
Acq On : 25 Sep 2019 22:28
Operator : JU
Sample : K4994-11 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-B057-091919-1

Quant Time: Sep 26 03:54:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	9331	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	34094	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	19277	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	39574	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	42957	0.40	ng		-0.02
34) Perylene-d12	23.46	264	48660	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	1360	0.04	ng		0.00
5) Phenol-d6	6.87	99	1739	0.04	ng		0.00
8) Nitrobenzene-d5	8.83	82	1546	0.05	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	2737	0.05	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	440	0.04	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	3679	0.05	ng		-0.01
25) Fluoranthene-d10	19.09	212	6029	0.05	ng		-0.01
29) Terphenyl-d14	19.70	244	5152	0.05	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	14907	3.129	ng	#	75
9) Naphthalene	10.51	128	2504	0.026	ng	#	86
12) 2-Methylnaphthalene	12.13	142	2566	0.040	ng	#	91
16) Acenaphthylene	14.03	152	84137	0.823	ng		97
17) Acenaphthene	14.37	154	6044	0.092	ng	#	90
18) Fluorene	15.38	166	12320	0.146	ng	#	61
23) Phenanthrene	17.19	178	10907	0.088	ng		97
24) Anthracene	17.19	178	10108	0.091	ng	#	96
26) Fluoranthene	19.12	202	51507	0.336	ng		98
28) Pyrene	19.39	202	24435	0.167	ng		95
30) Benzo(a)anthracene	21.24	228	41037	0.259	ng	#	14
31) Chrysene	21.29	228	44137	0.286	ng	#	81
32) Bis(2-ethylhexyl)phthalate	21.19	149	36168	0.445	ng	#	65
35) Benzo(b)fluoranthene	22.81	252	52584	0.311	ng	#	82
36) Benzo(k)fluoranthene	22.81	252	52584	0.315	ng	#	82
37) Benzo(a)pyrene	23.37	252	39387	0.248	ng	#	84
38) Dibenzo(a,h)anthracene	25.68	278	8771	0.054	ng	#	30
39) Benzo(g,h,i)perylene	26.35	276	34724	0.216	ng	#	84

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

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QLast Update : Wed Sep 18 18:24:40 2019
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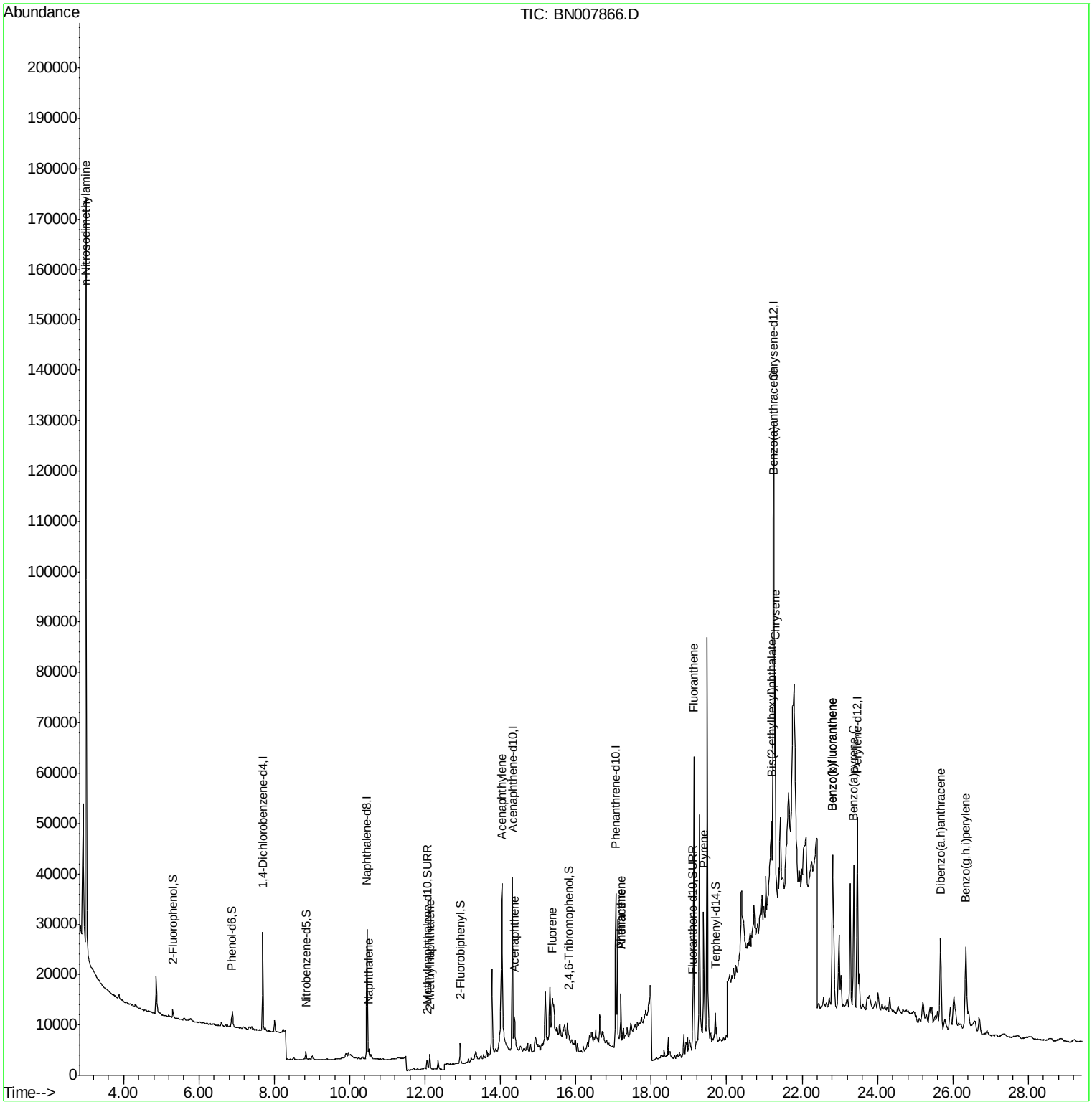
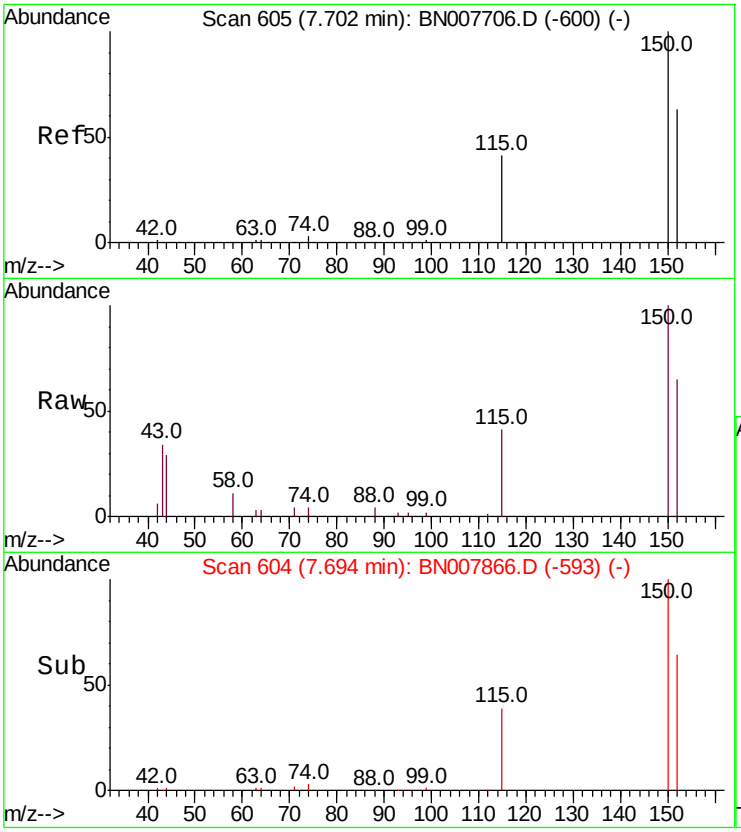


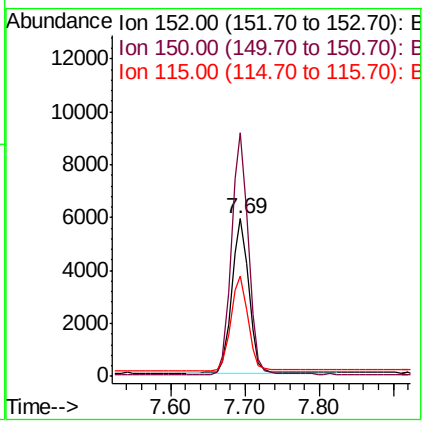


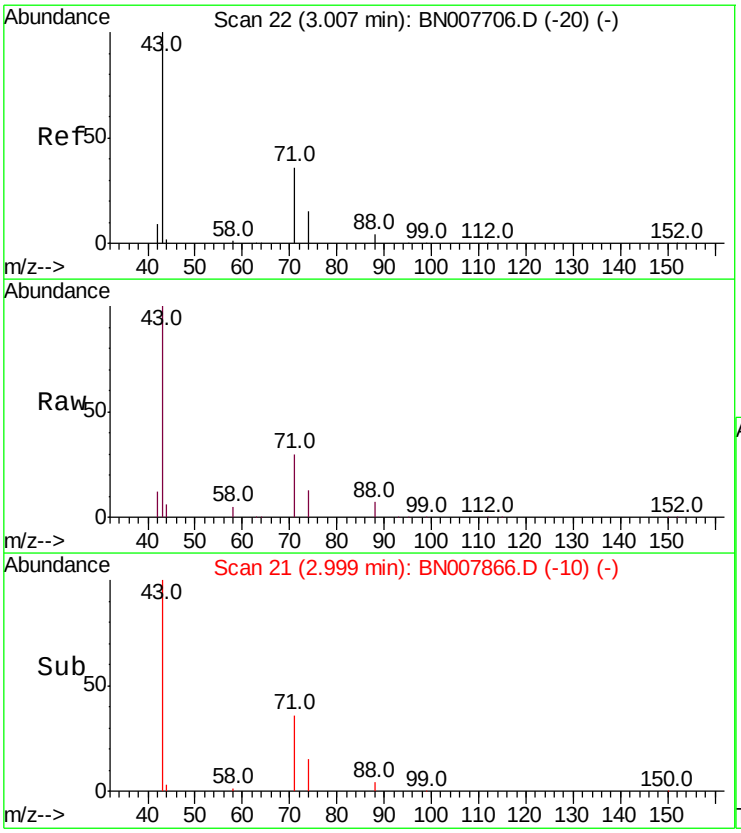
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:152 Resp: 9331

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.6	188.4
115	63.6	53.3	79.9

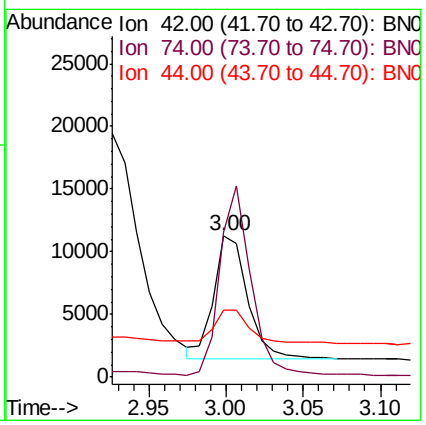


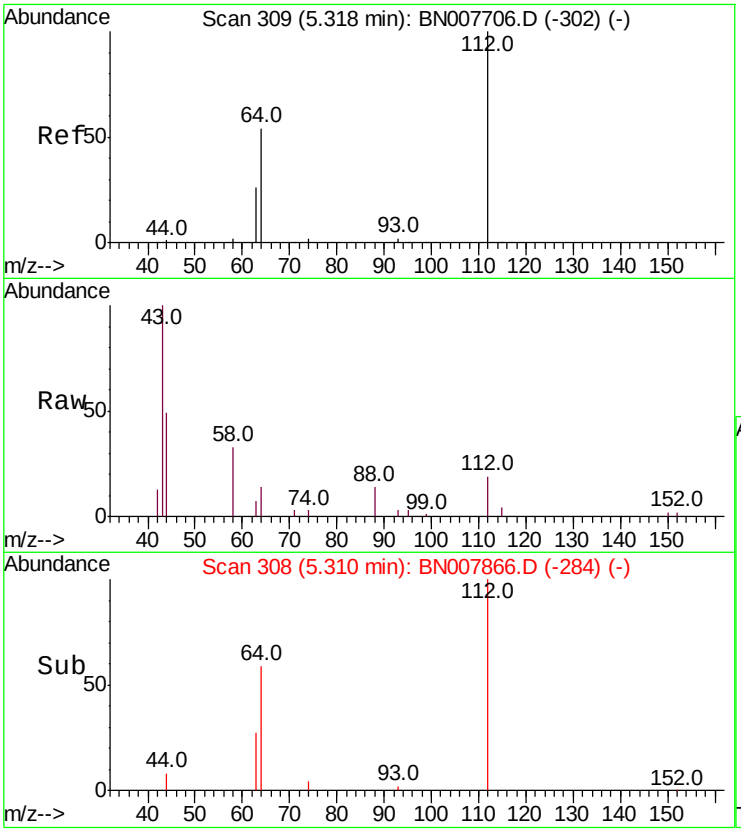


#3
n-Nitrosodimethylamine
Concen: 3.129 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion: 42 Resp: 14907

Ion	Ratio	Lower	Upper
42	100		
74	139.5	87.9	131.9#
44	26.9	29.4	44.0#



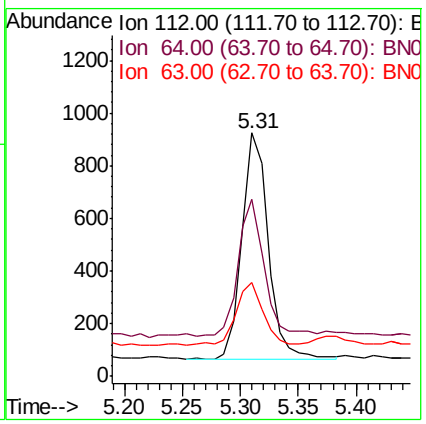


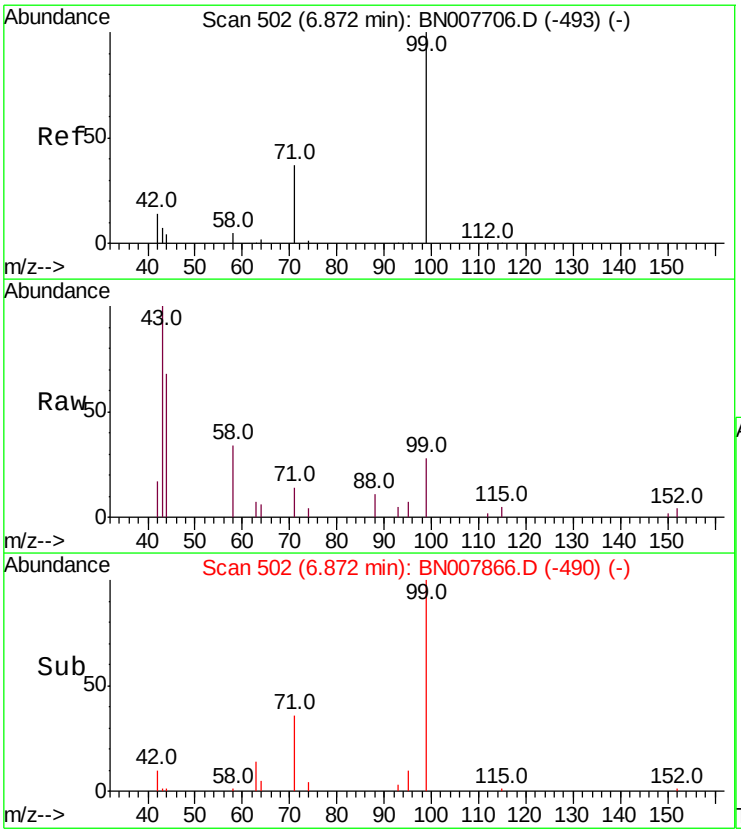
#4
2-Fluorophenol
Concen: 0.042 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:112 Resp: 1360

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.6	70.0
63	27.9	23.1	34.7

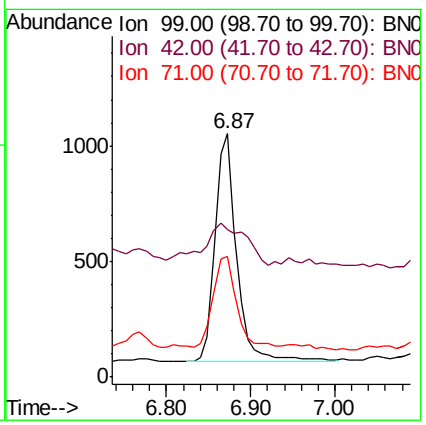


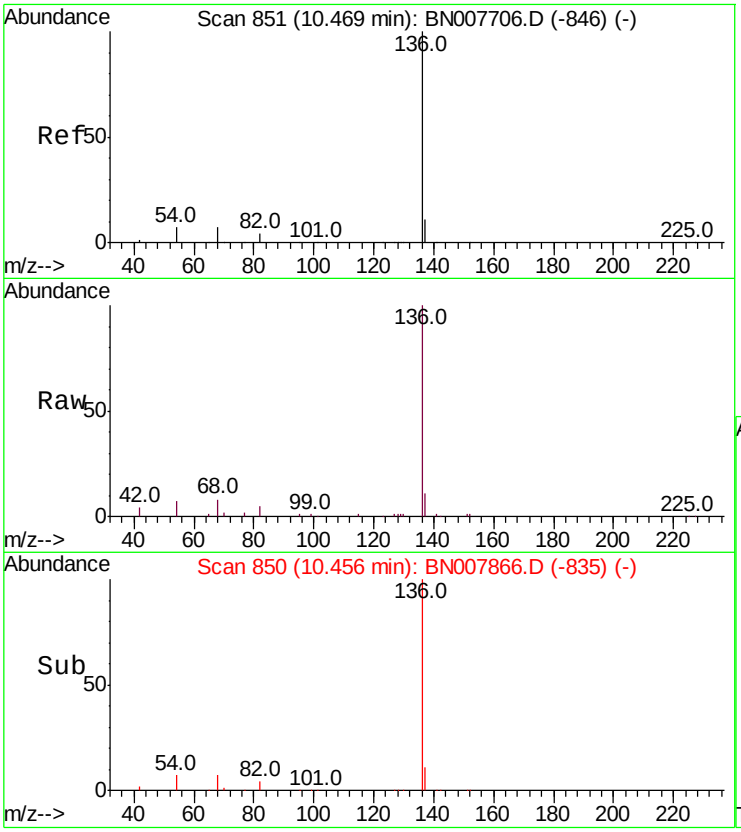


#5
Phenol-d6
Concen: 0.038 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion: 99 Resp: 1739

Ion	Ratio	Lower	Upper
99	100		
42	36.7	12.8	19.2#
71	42.2	27.6	41.4#



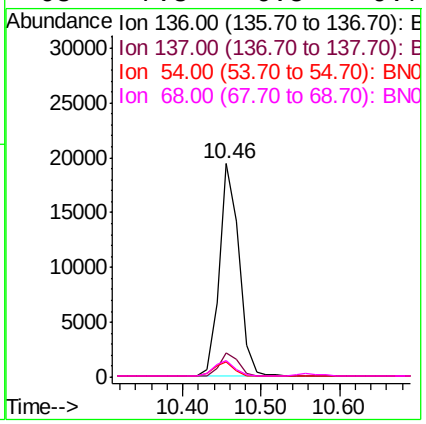


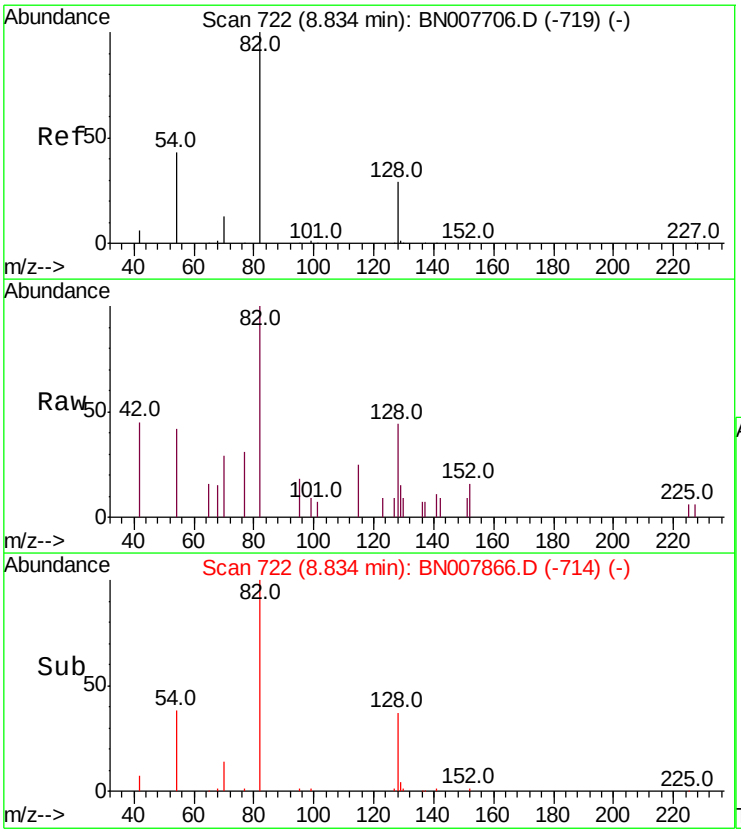
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:136 Resp: 34094

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.1	5.8	8.8
68	7.8	6.5	9.7

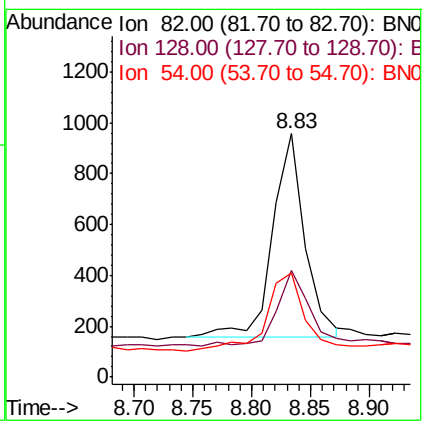


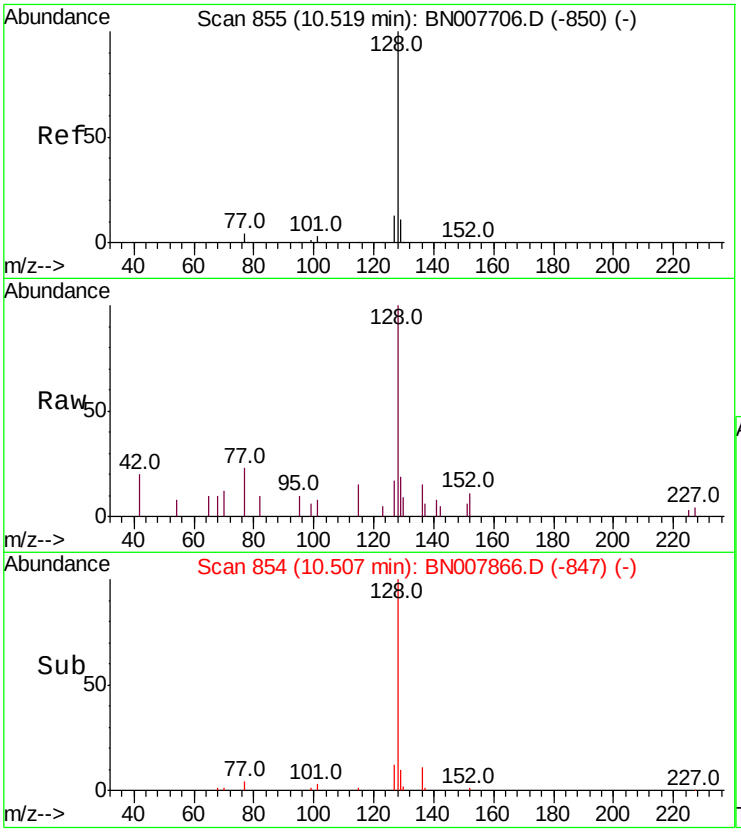


#8
Nitrobenzene-d5
Concen: 0.052 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion: 82 Resp: 1546

Ion	Ratio	Lower	Upper
82	100		
128	43.8	24.5	36.7#
54	42.5	35.2	52.8



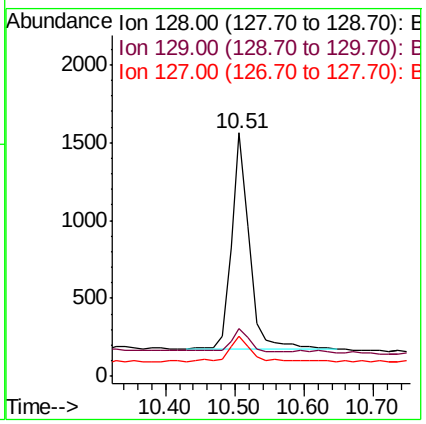


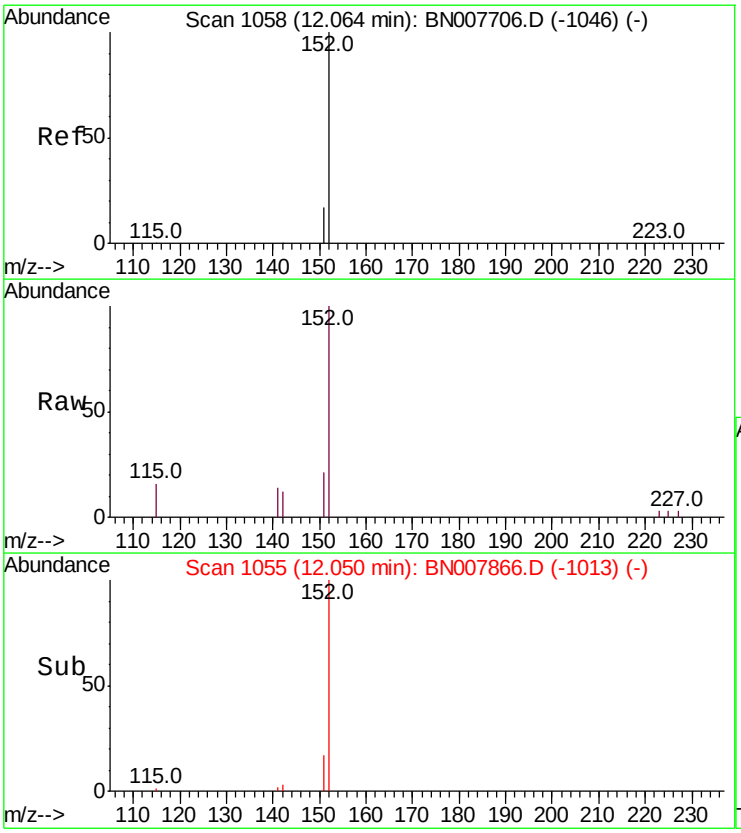
#9
Naphthalene
Concen: 0.026 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:128 Resp: 2504

Ion	Ratio	Lower	Upper
128	100		
129	19.4	9.1	13.7#
127	16.7	10.6	15.8#

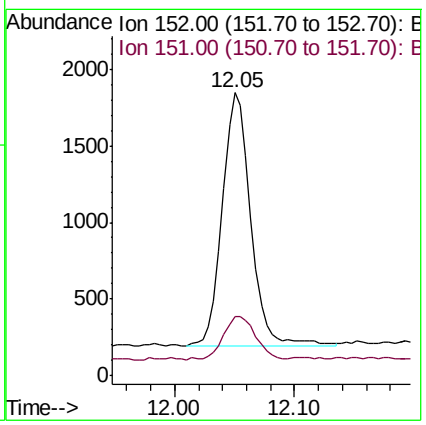


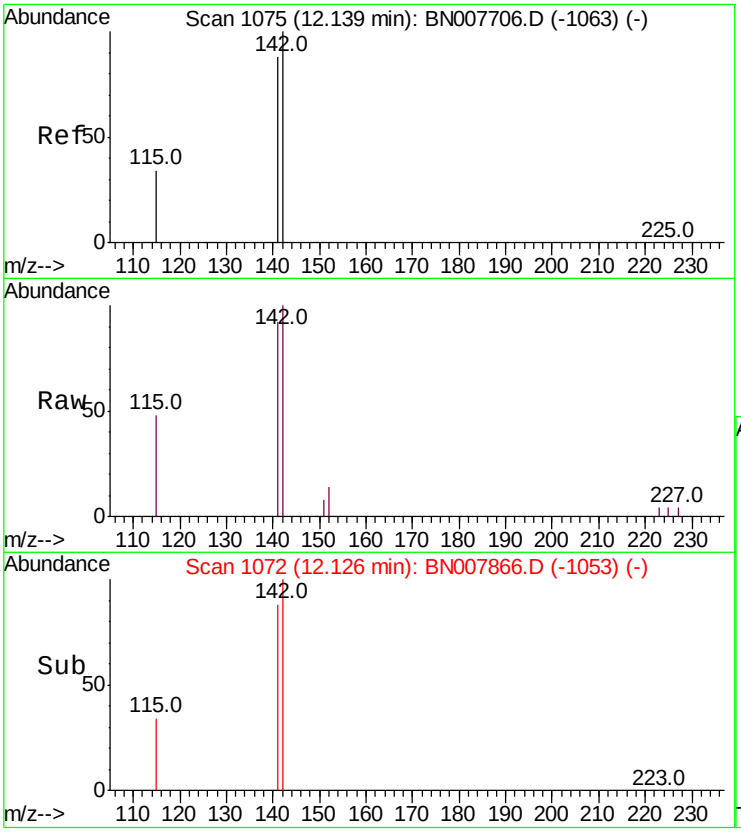


#11
2-Methylnaphthalene-d10
Concen: 0.048 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:152 Resp: 2737

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2



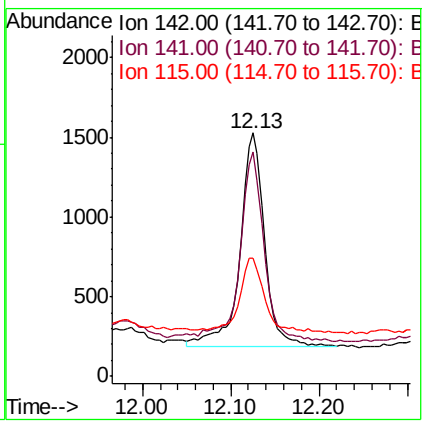


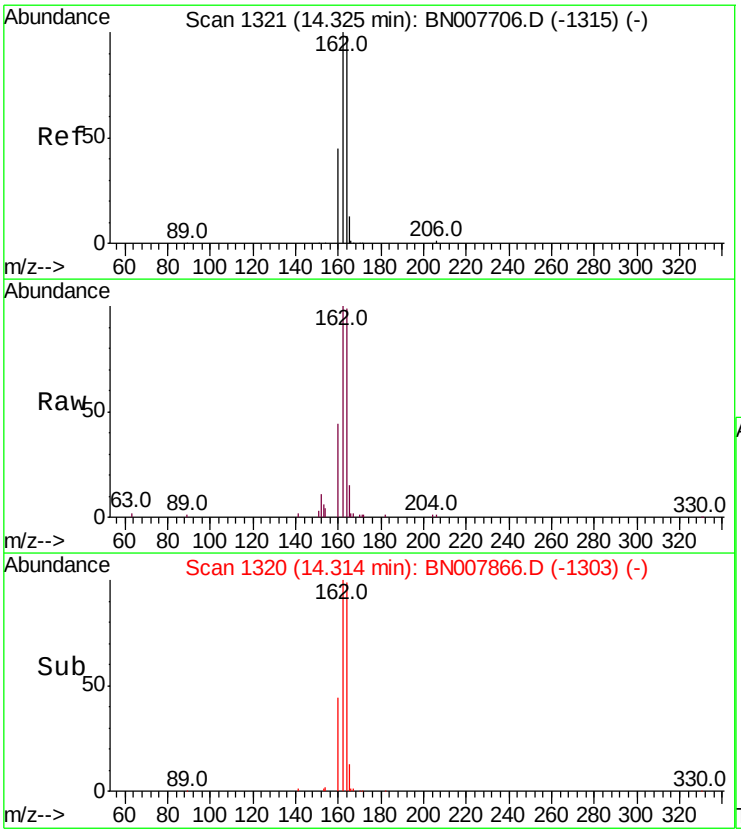
#12
2-Methylnaphthalene
Concen: 0.040 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:142 Resp: 2566

Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.6	106.0
115	48.5	28.3	42.5#

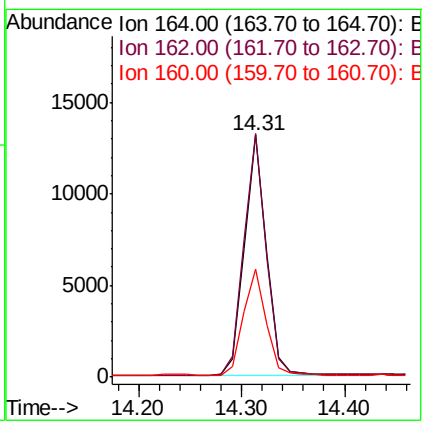


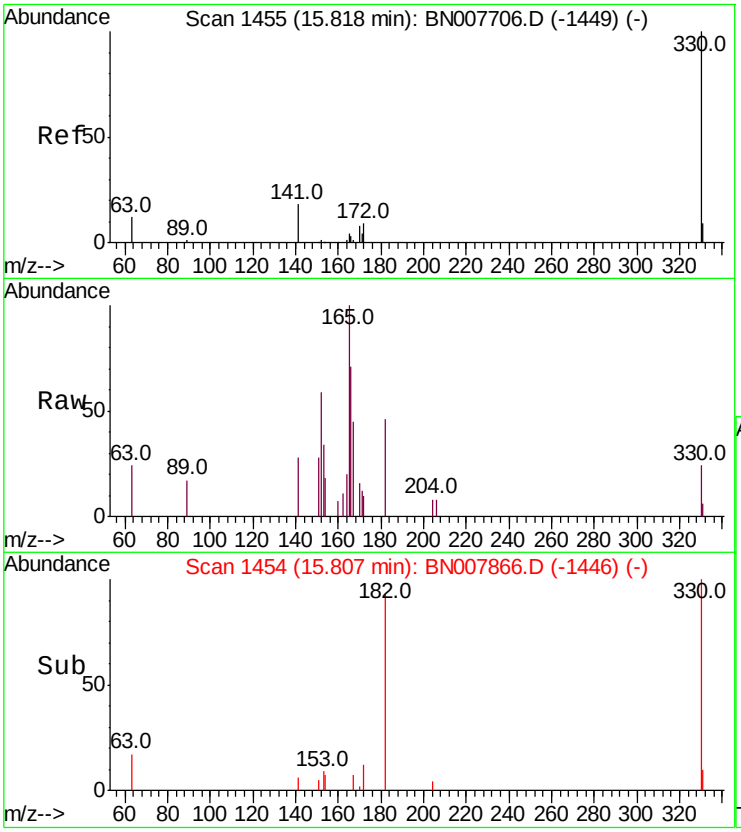


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:164 Resp: 19277

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.7	122.5
160	44.4	37.0	55.4



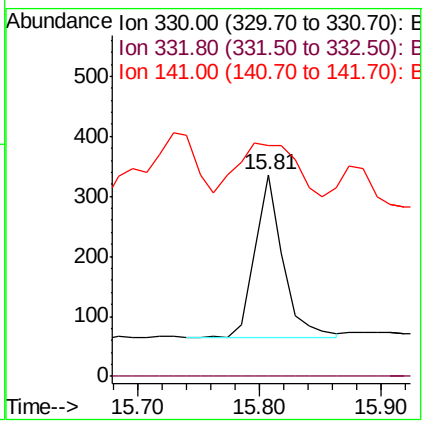


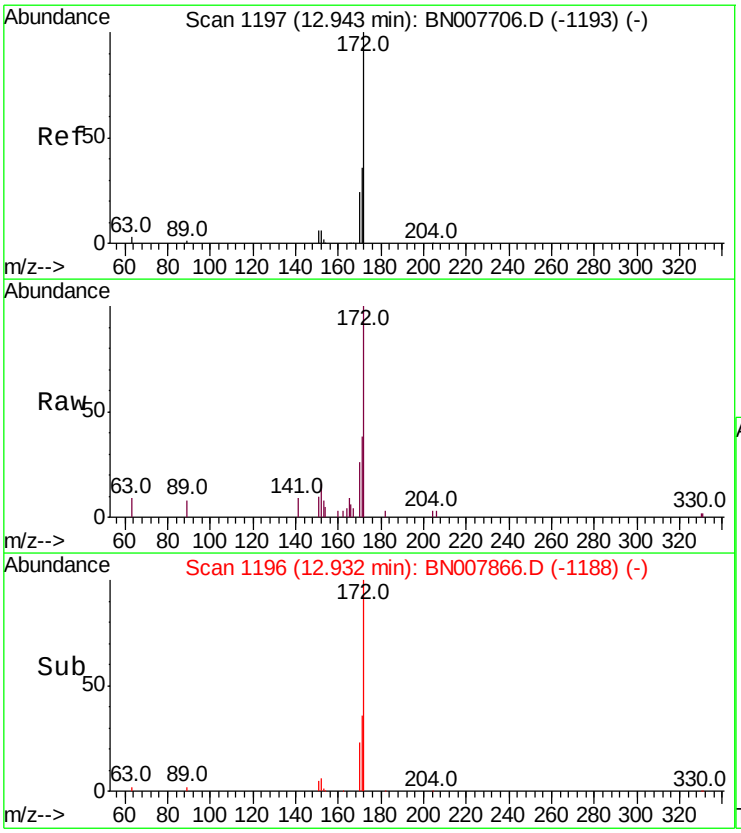
#14
2,4,6-Tribromophenol
Concen: 0.042 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:330 Resp: 440

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	70.2	28.7	43.1#

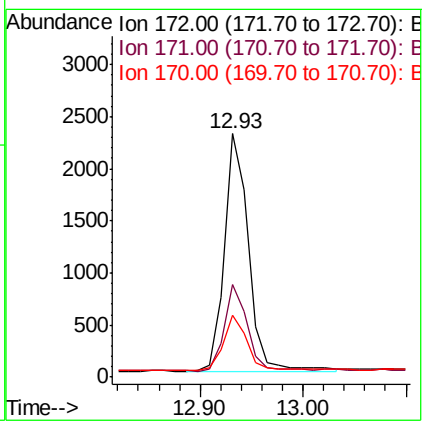


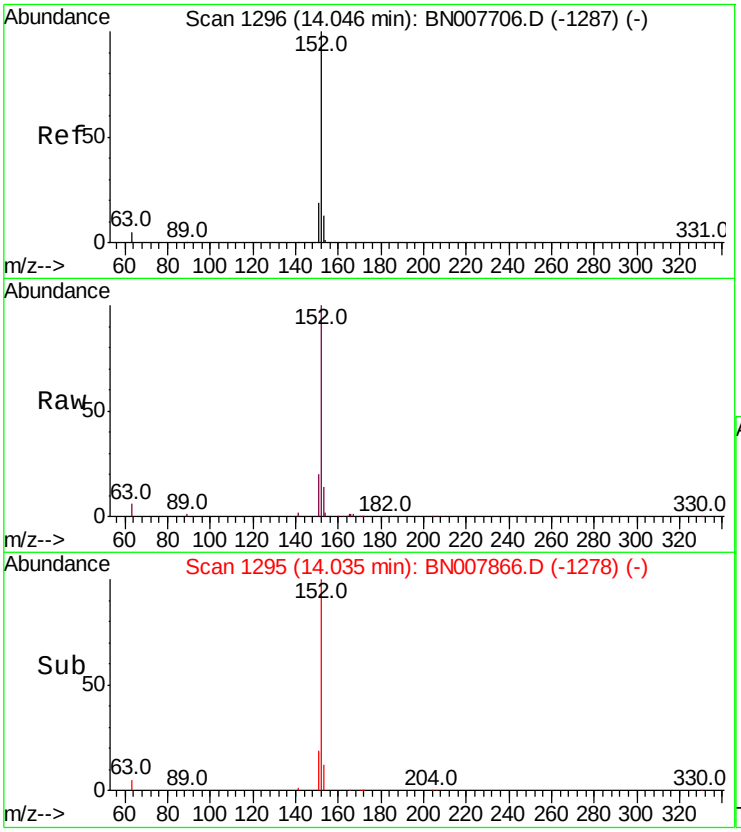


#15
2-Fluorobiphenyl
Concen: 0.046 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:172 Resp: 3679

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.8	43.2
170	25.6	19.5	29.3



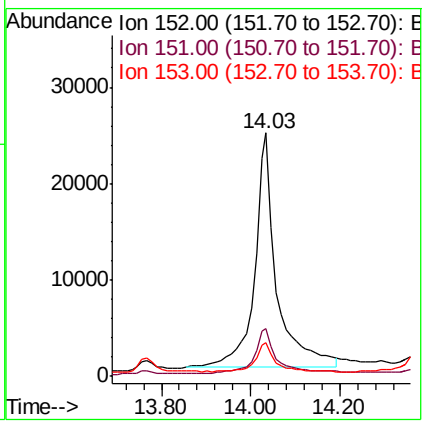


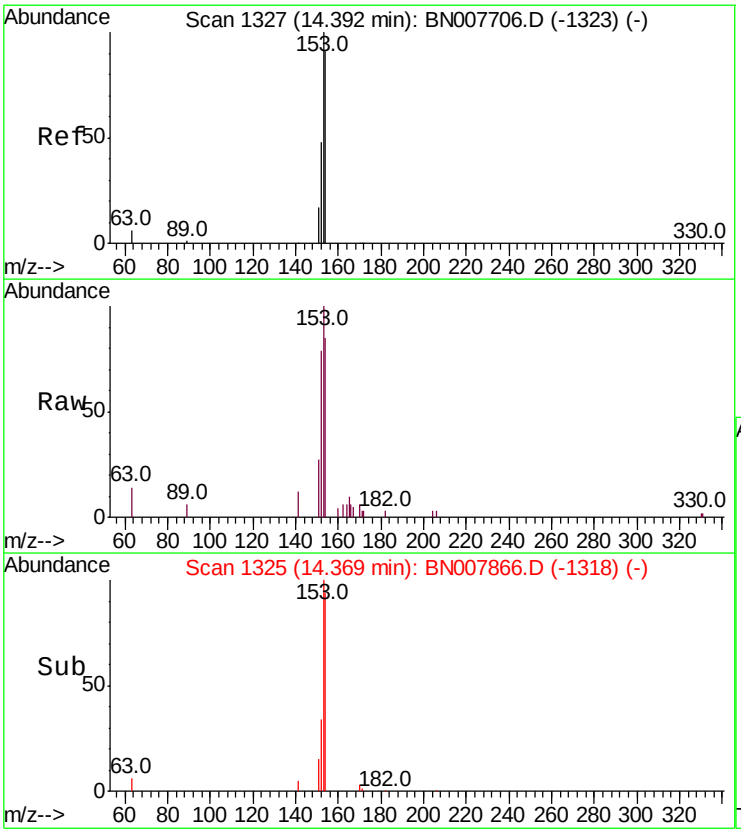
#16
Acenaphthylene
Concen: 0.823 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:152 Resp: 84137

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.5	23.3
153	11.2	10.4	15.6

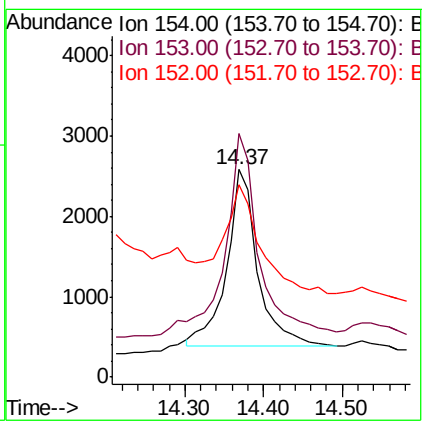


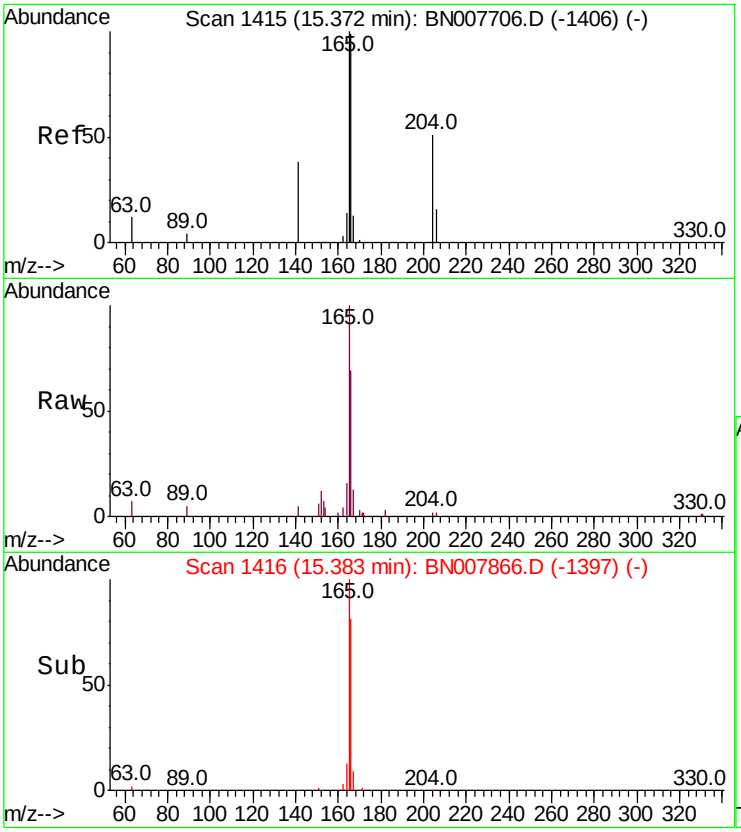


#17
Acenaphthene
Concen: 0.092 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:154 Resp: 6044

Ion	Ratio	Lower	Upper
154	100		
153	112.3	87.0	130.4
152	70.9	42.7	64.1#



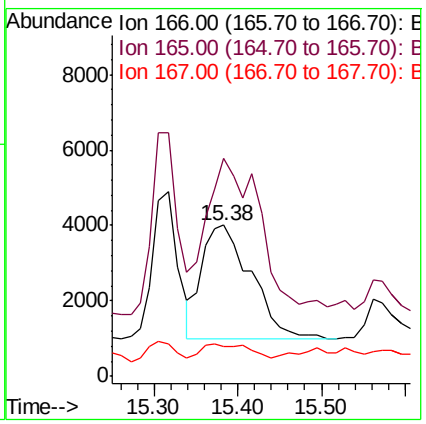


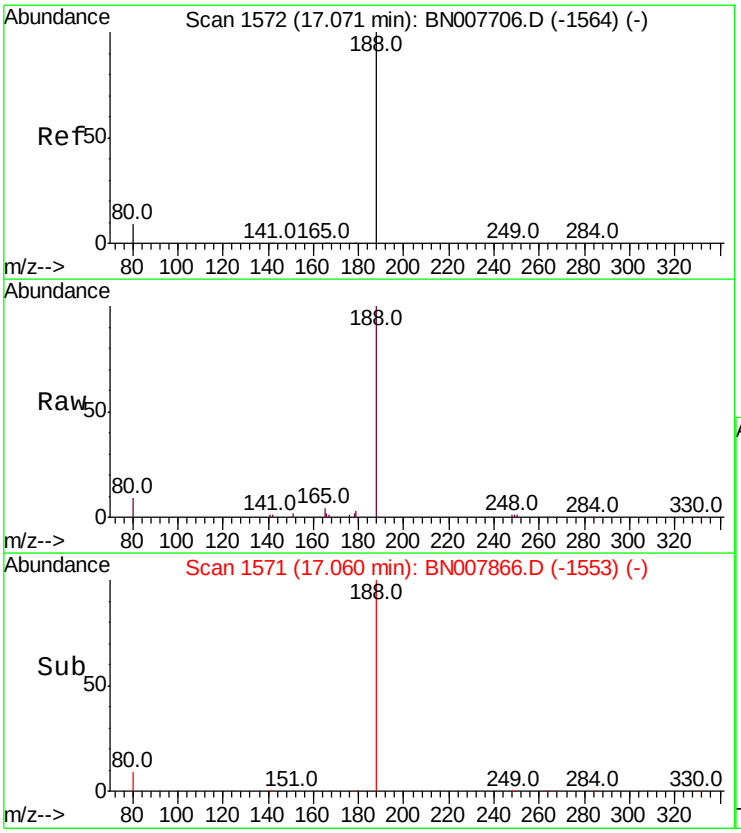
#18
Fluorene
Concen: 0.146 ng
RT: 15.38 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:166 Resp: 12320

Ion	Ratio	Lower	Upper
166	100		
165	140.1	78.0	117.0#
167	11.3	10.9	16.3

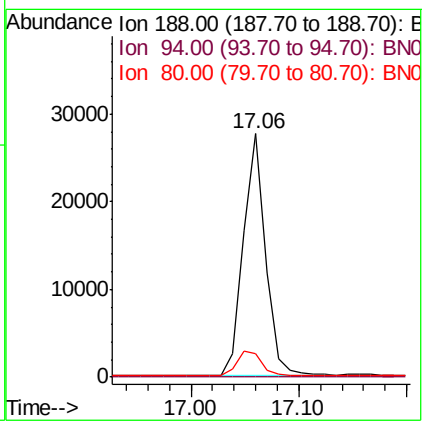


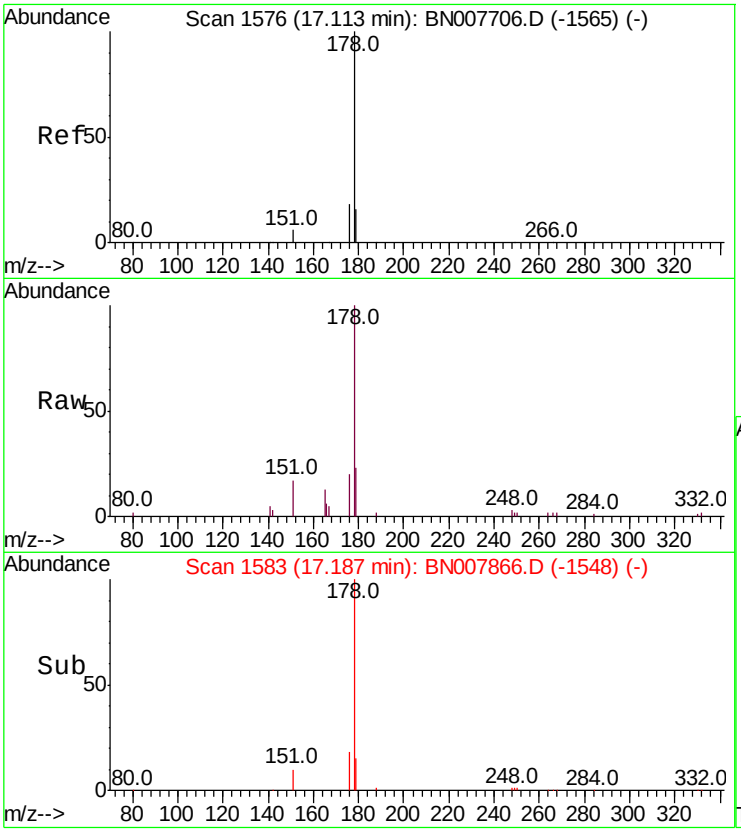


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:188 Resp: 39574

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2



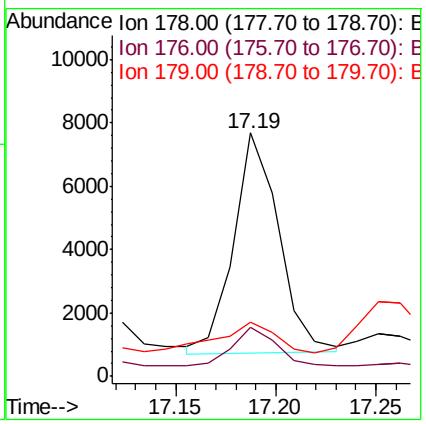


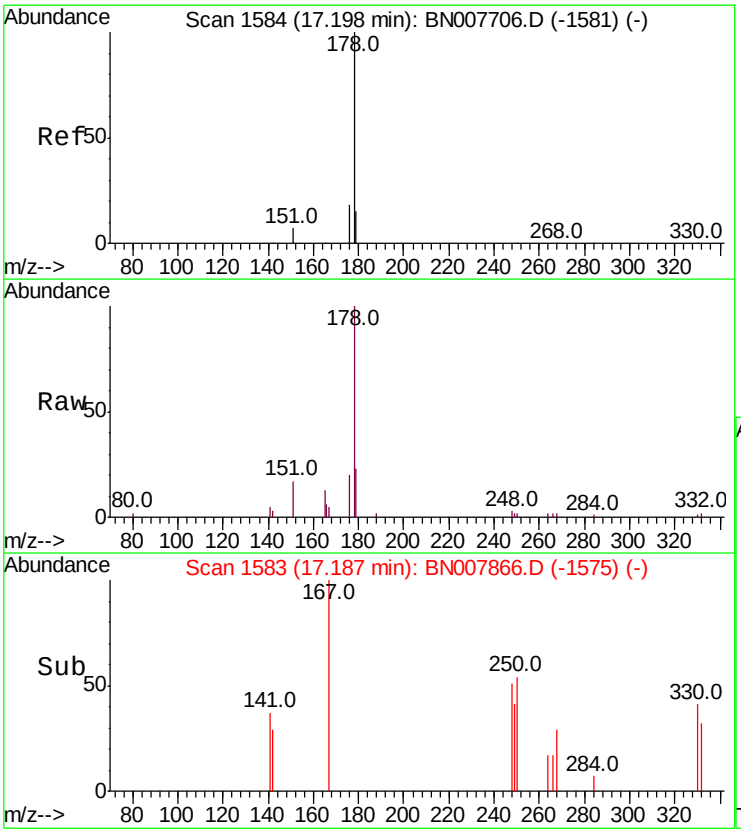
#23
Phenanthrene
Concen: 0.088 ng
RT: 17.19 min Scan# 1583
Delta R.T. 0.07 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:178 Resp: 10907

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	17.7	12.5	18.7

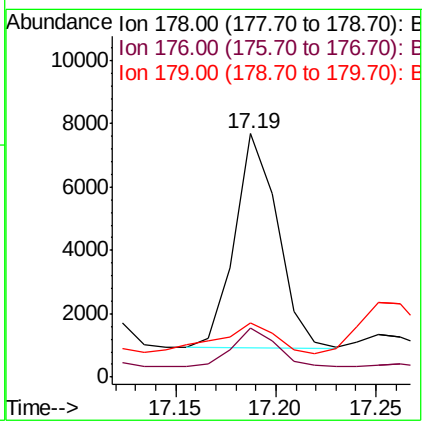


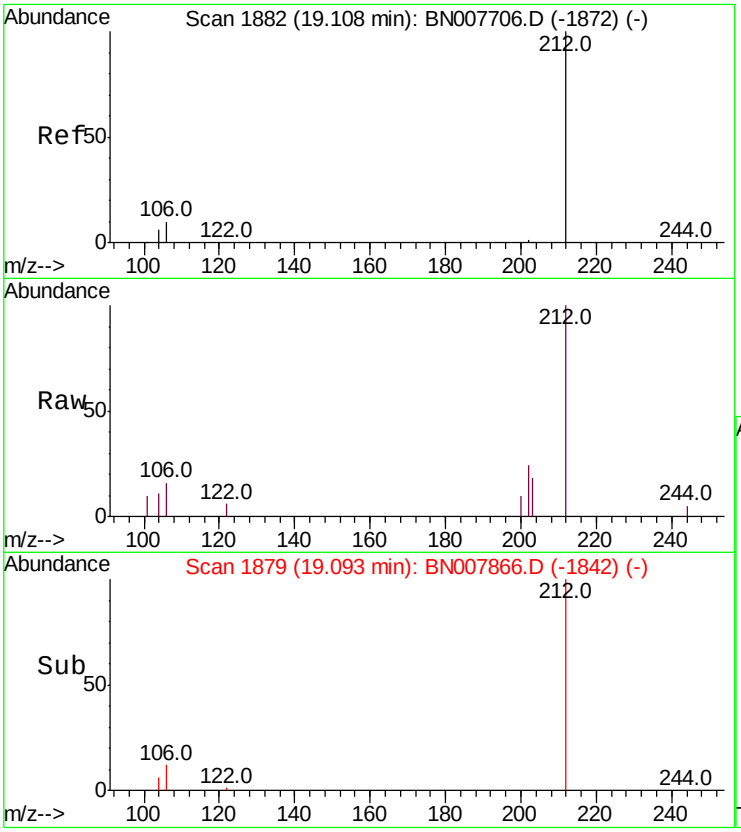


#24
Anthracene
Concen: 0.091 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:178 Resp: 10108

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	18.9	12.2	18.4#



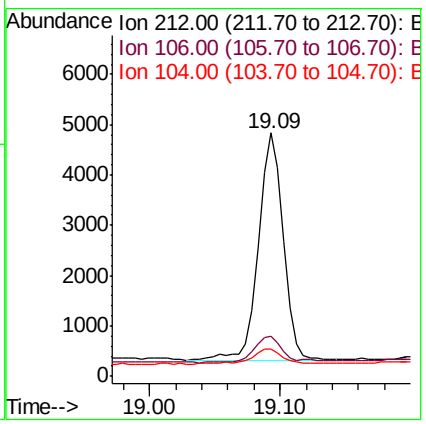


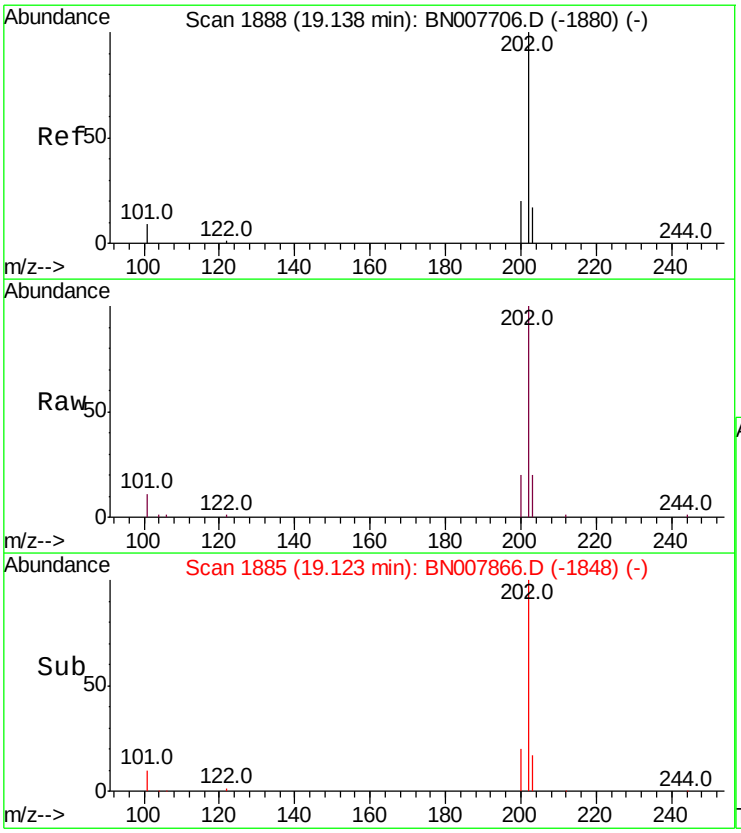
#25
Fluoranthene-d10
Concen: 0.045 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:212 Resp: 6029

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.4	14.0
104	8.6	5.3	7.9#

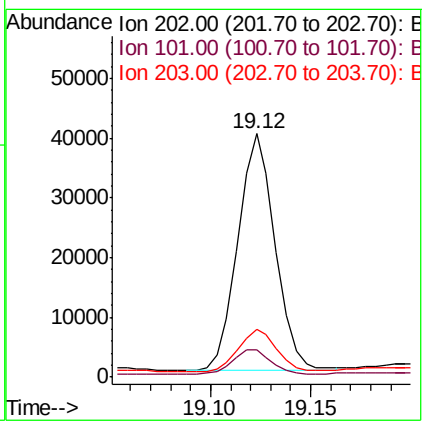


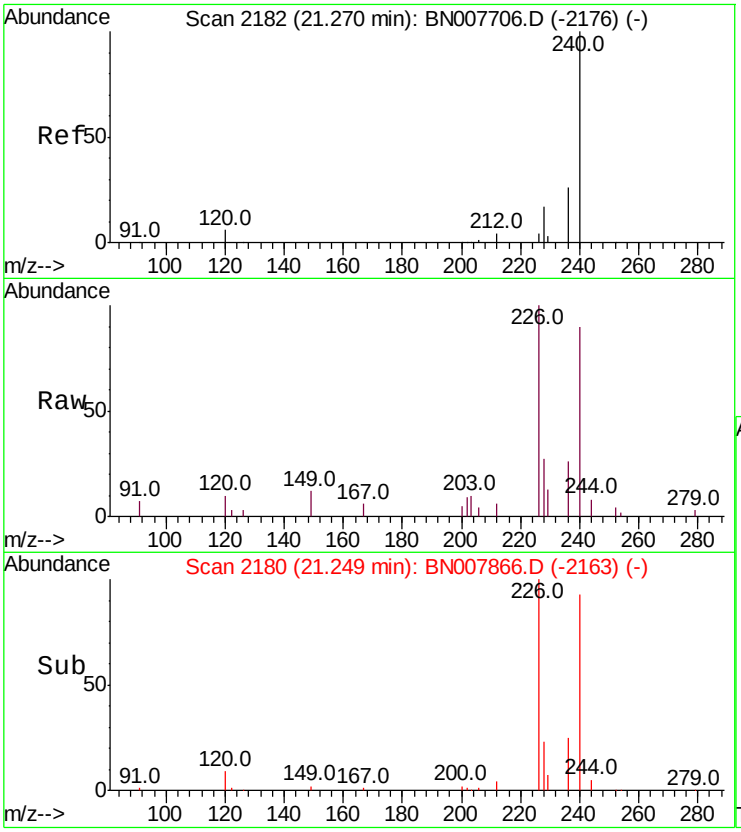


#26
Fluoranthene
Concen: 0.336 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:202 Resp: 51507

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.4	12.6
203	18.4	13.8	20.8



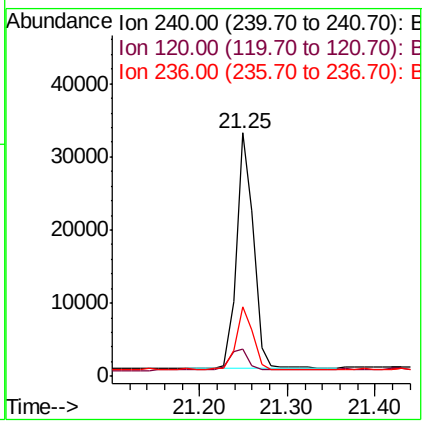


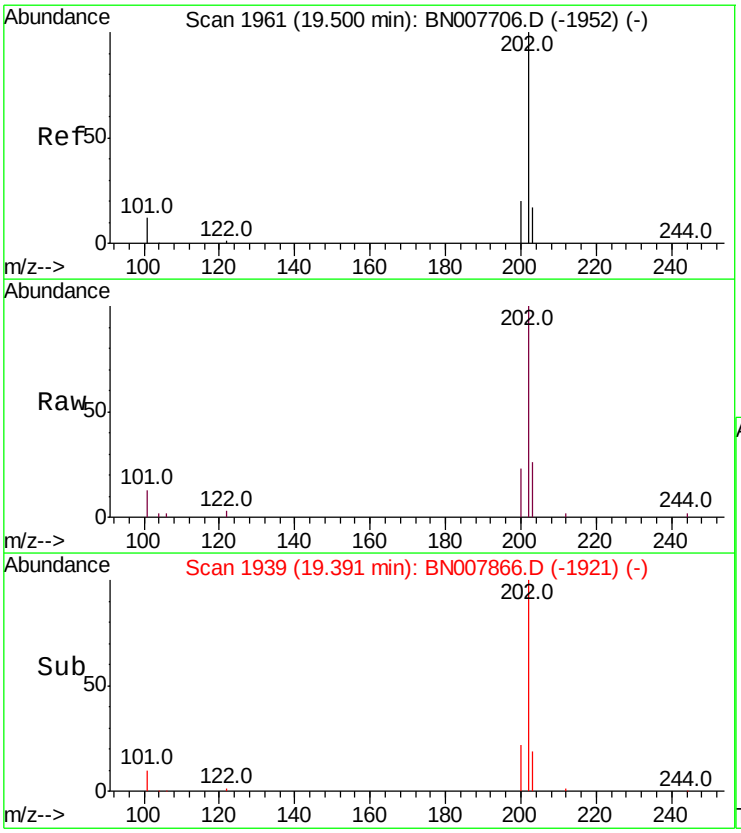
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:240 Resp: 42957

Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.4	8.2#
236	28.4	21.0	31.4

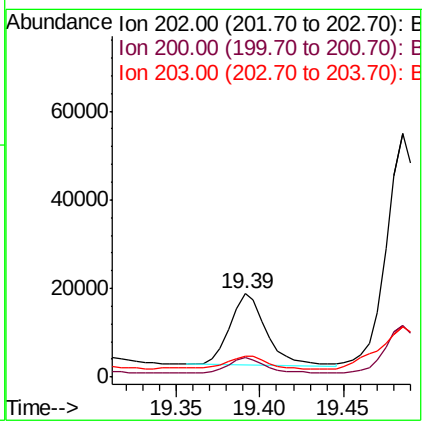


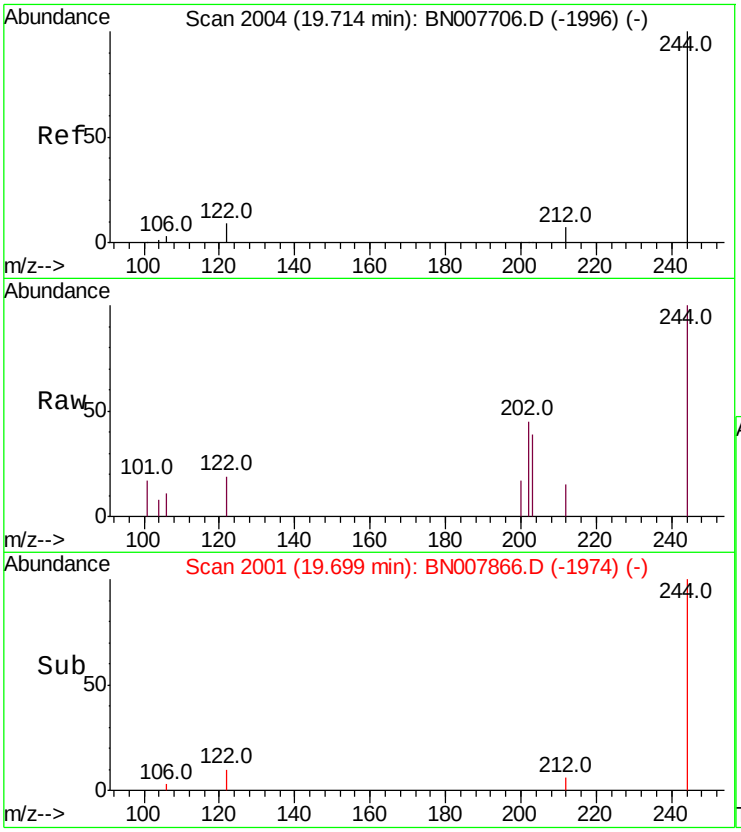


#28
Pyrene
Concen: 0.167 ng
RT: 19.39 min Scan# 1939
Delta R.T. -0.11 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:202 Resp: 24435

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.4	24.6
203	20.8	14.1	21.1



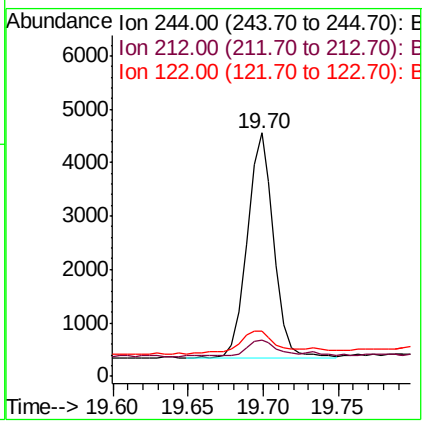


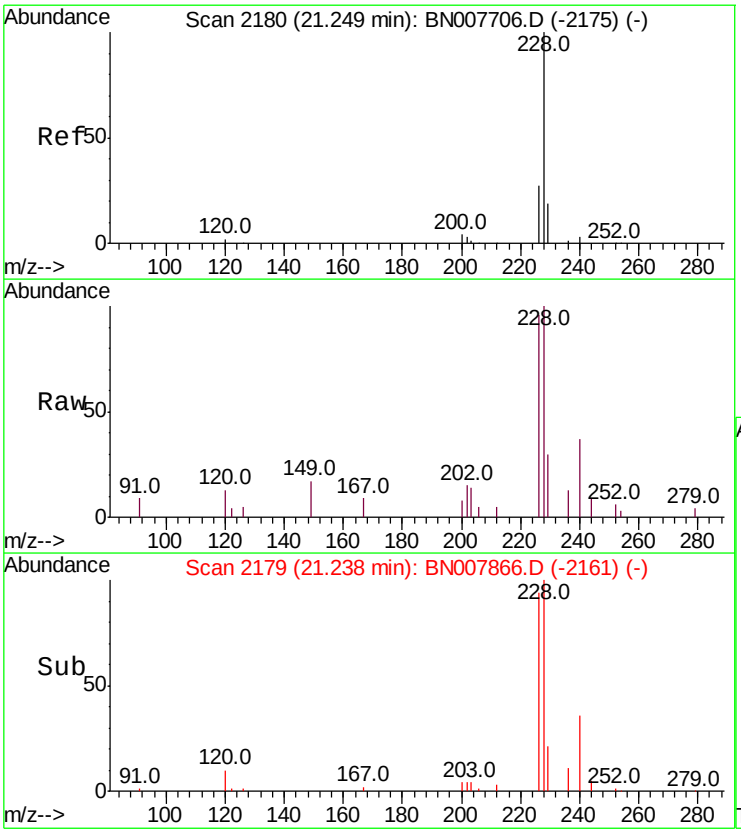
#29
Terphenyl-d14
Concen: 0.049 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:244 Resp: 5152

Ion	Ratio	Lower	Upper
244	100		
212	14.9	5.9	8.9#
122	18.7	7.4	11.2#

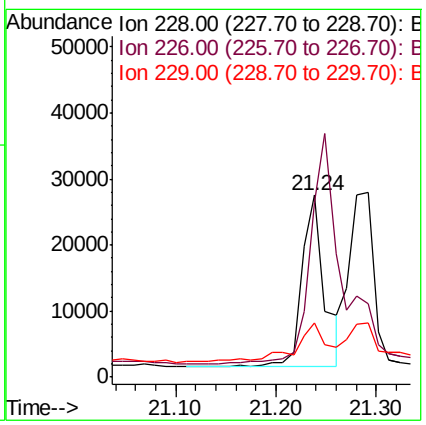


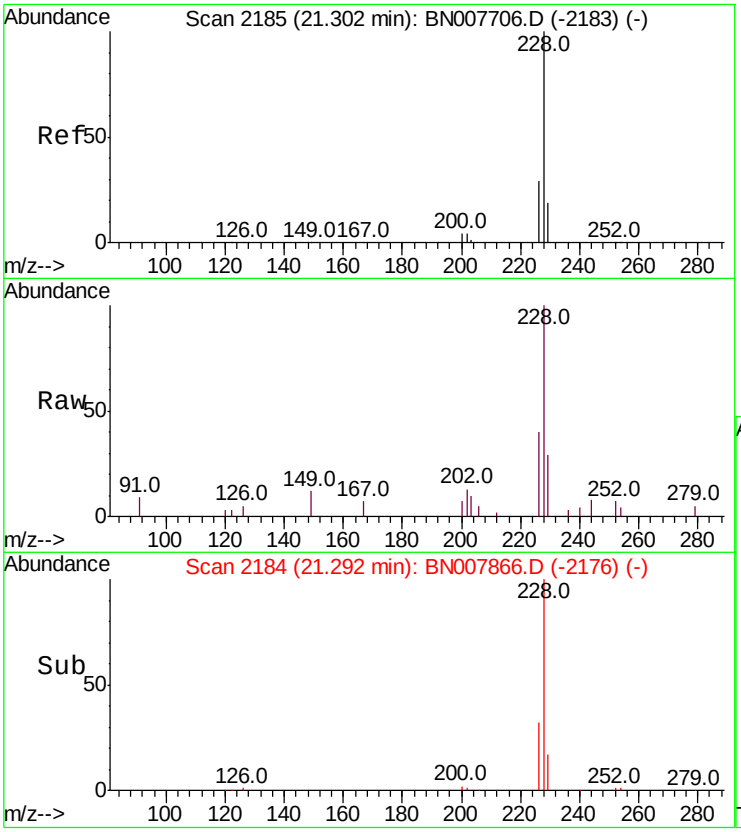


#30
Benzo(a)anthracene
Concen: 0.259 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:228 Resp: 41037

Ion	Ratio	Lower	Upper
228	100		
226	96.2	22.1	33.1#
229	30.0	15.8	23.6#



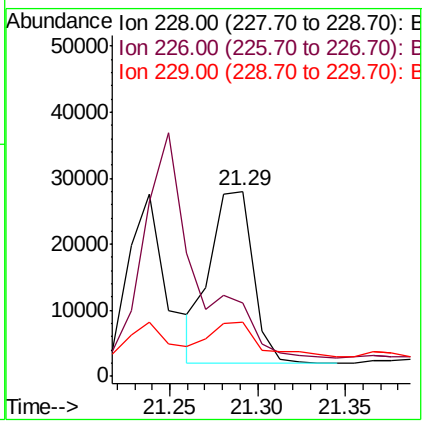


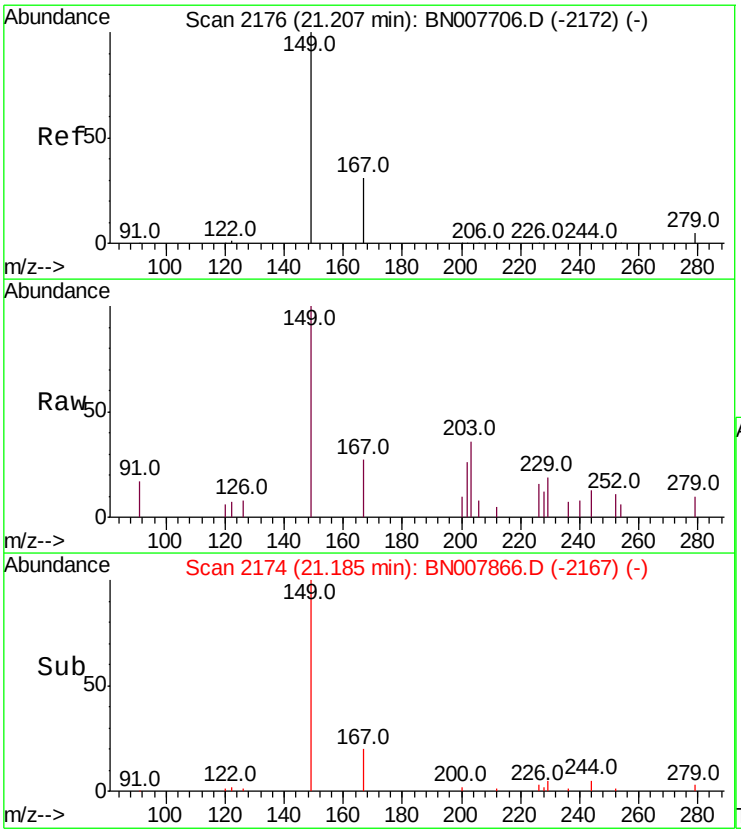
#31
Chrysene
Concen: 0.286 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:228 Resp: 44137

Ion	Ratio	Lower	Upper
228	100		
226	39.7	23.9	35.9#
229	29.5	15.8	23.6#

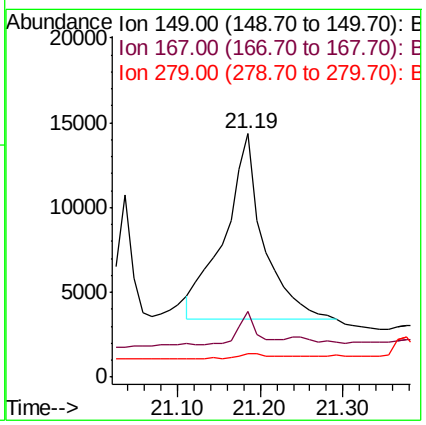


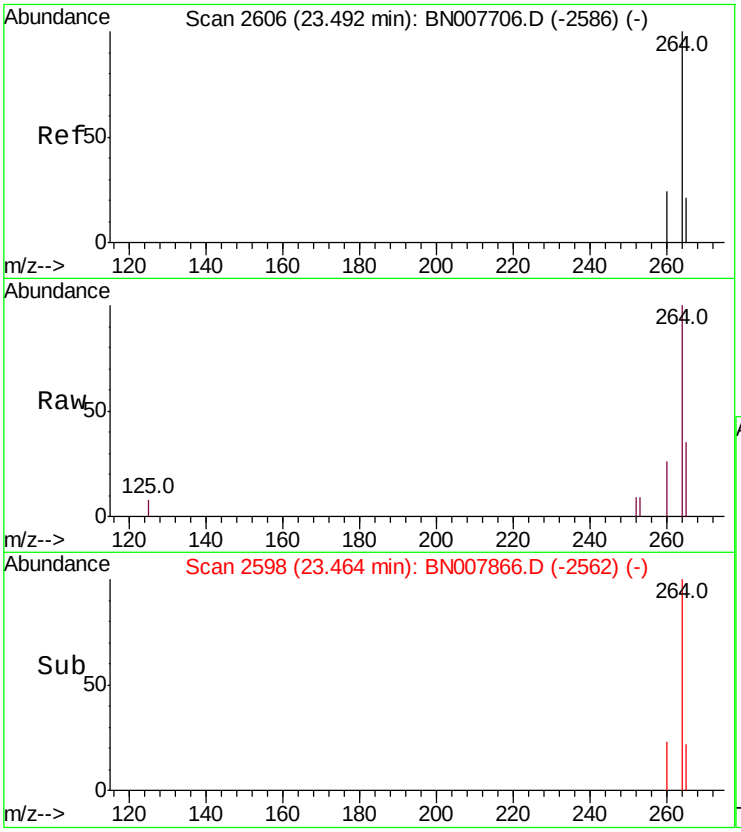


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.445 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:149 Resp: 36168

Ion	Ratio	Lower	Upper
149	100		
167	8.1	23.7	35.5#
279	2.0	4.2	6.2#



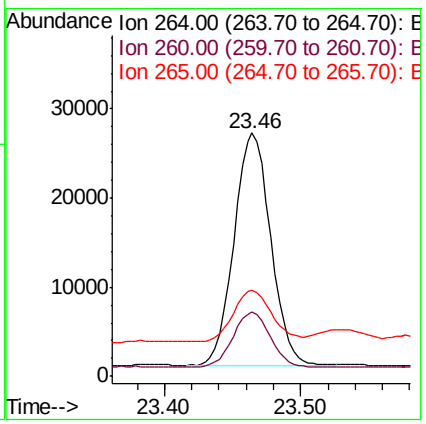


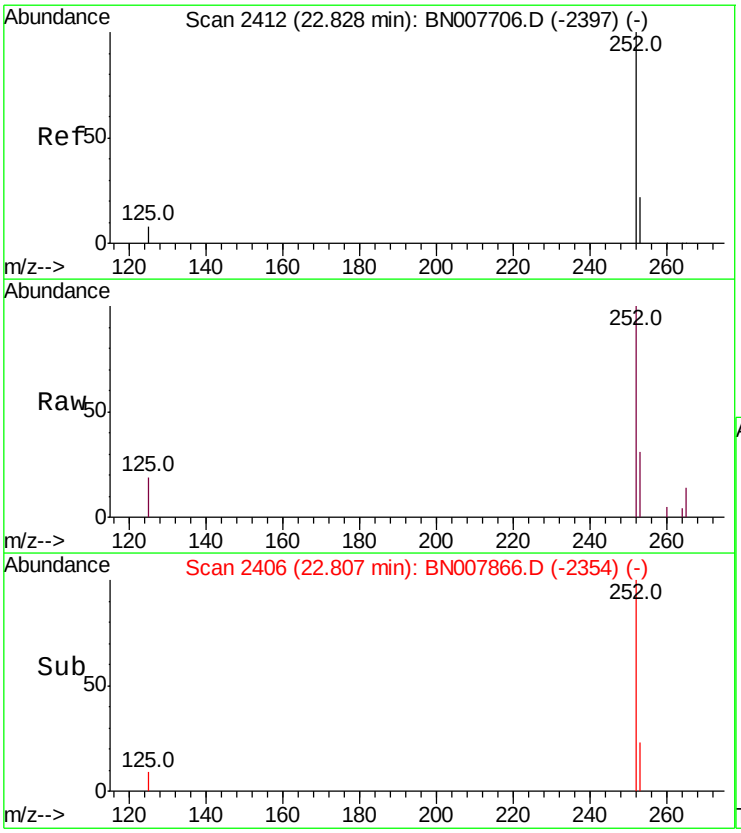
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:264 Resp: 48660

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.3	28.9
265	35.2	26.9	40.3

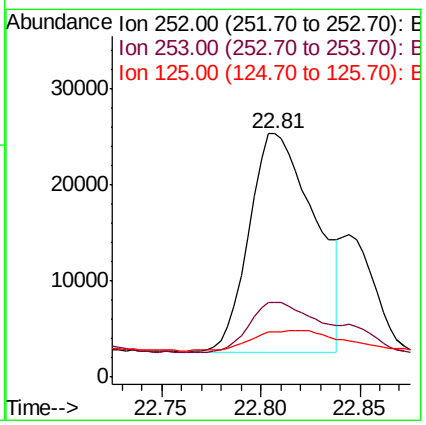


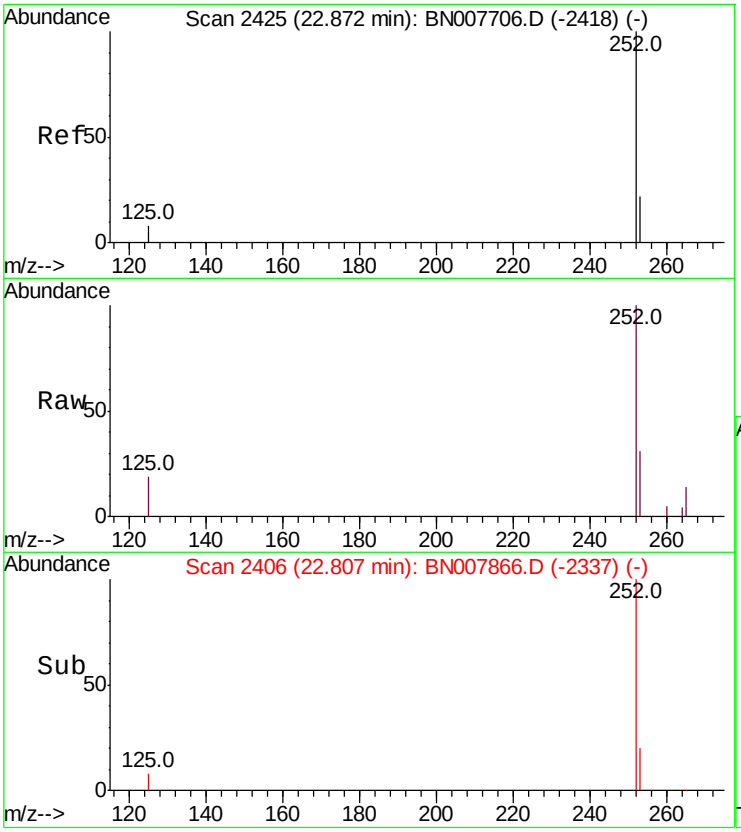


#35
Benzo(b)fluoranthene
Concen: 0.311 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:252 Resp: 52584

Ion	Ratio	Lower	Upper
252	100		
253	30.8	18.3	27.5#
125	18.6	8.2	12.4#



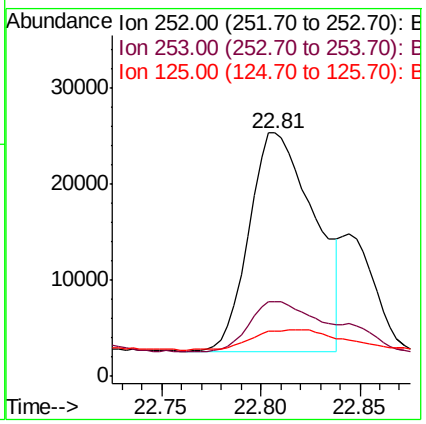


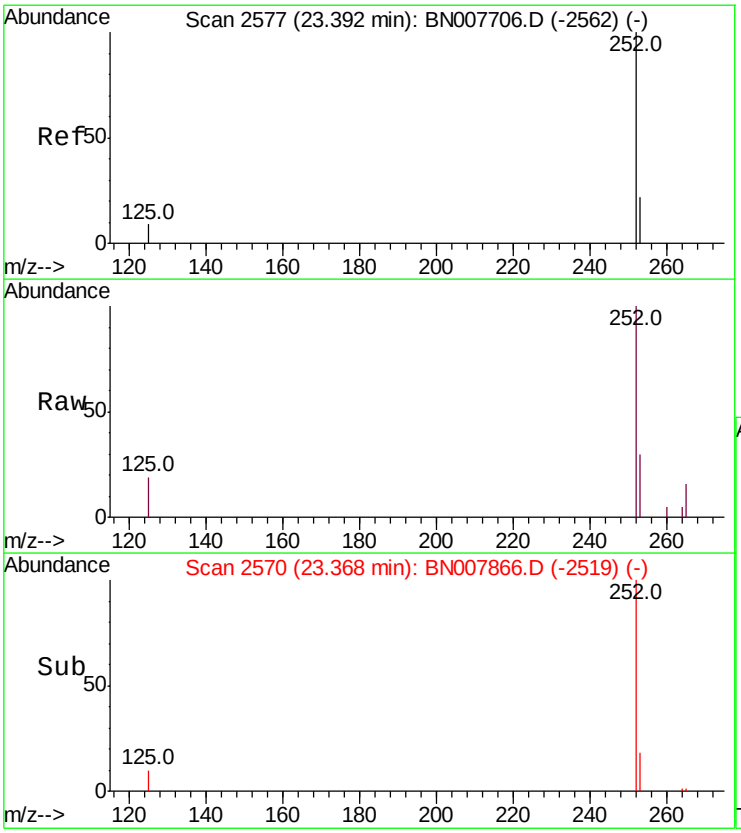
#36
Benzo(k)fluoranthene
Concen: 0.315 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.07 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:252 Resp: 52584

Ion	Ratio	Lower	Upper
252	100		
253	30.8	18.5	27.7#
125	18.6	8.4	12.6#

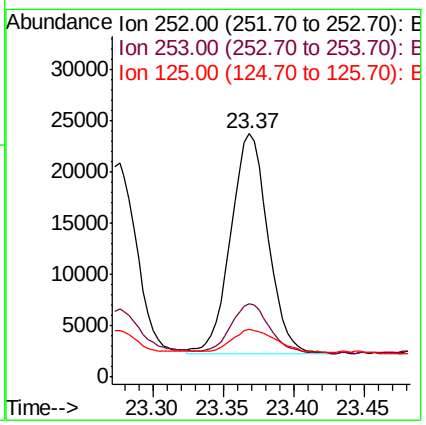


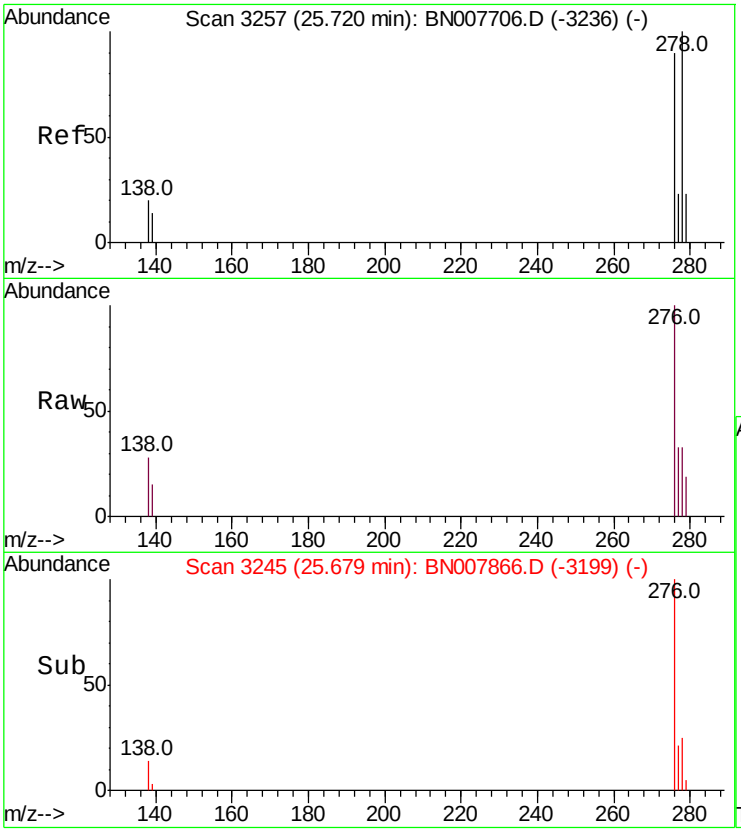


#37
Benzo(a)pyrene
Concen: 0.248 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:252 Resp: 39387

Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.6	27.8#
125	19.4	9.4	14.0#



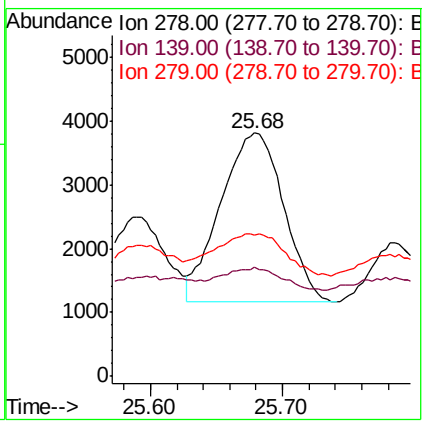


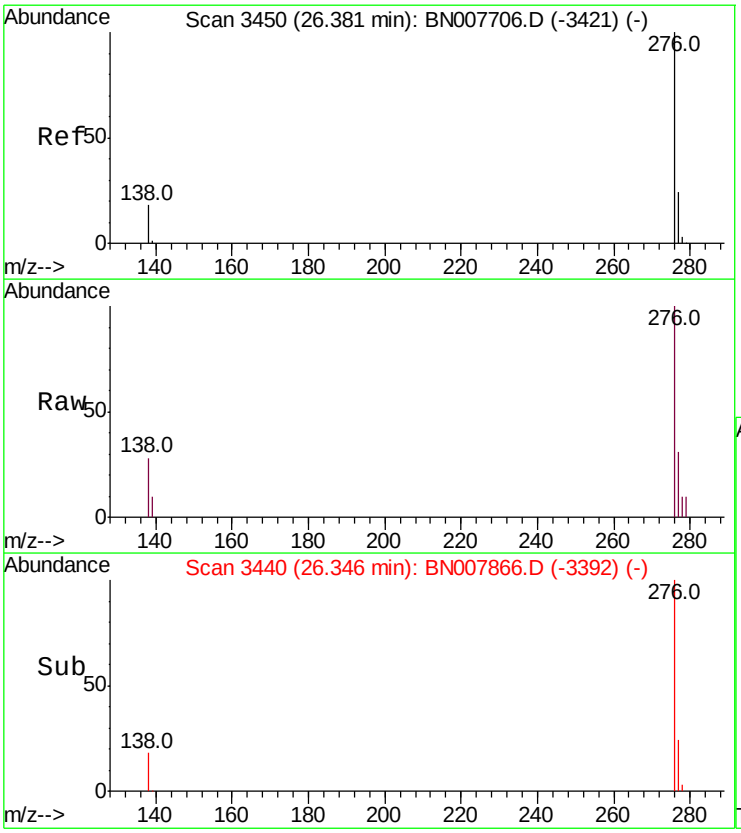
#38
Dibenzo(a,h)anthracene
Concen: 0.054 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.04 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Instrument :
BNA_N
ClientSampleId :
PST-B057-091919-1

Tgt Ion:278 Resp: 8771

Ion	Ratio	Lower	Upper
278	100		
139	44.8	11.8	17.6#
279	58.1	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.216 ng
RT: 26.35 min Scan# 3440
Delta R.T. -0.03 min
Lab File: BN007866.D
Acq: 25 Sep 2019 22:28

Tgt Ion:276 Resp: 34724

Ion	Ratio	Lower	Upper
276	100		
277	31.1	19.8	29.8#
138	28.0	15.1	22.7#