Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007870.D
Acq On : 26 Sep 2019 02:07
Operator : JU
Sample : K4994-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-B239-091919-1

Quant Time: Sep 26 03:55:12 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	10122	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	37096	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	20750	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	41207	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	42624	0.40	ng		-0.02
34) Perylene-d12	23.46	264	49173	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	1172	0.03	ng		0.00
5) Phenol-d6	6.86	99	1432	0.03	ng		0.00
8) Nitrobenzene-d5	8.83	82	1211	0.04	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	2248	0.04	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	500	0.04	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	3394	0.04	ng		-0.01
25) Fluoranthene-d10	19.09	212	4823	0.03	ng		-0.01
29) Terphenyl-d14	19.70	244	5477	0.05	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	13291	2.572	ng	#	77
6) bis(2-Chloroethyl)ether	7.04	93	1106	0.039	ng	#	21
9) Naphthalene	10.51	128	10460	0.100	ng		96
12) 2-Methylnaphthalene	12.13	142	8918	0.127	ng		98
16) Acenaphthylene	14.04	152	91684	0.833	ng		100
17) Acenaphthene	14.38	154	5170	0.073	ng	#	90
18) Fluorene	15.36	166	17185	0.189	ng	#	78
22) Pentachlorophenol	16.72	266	474	0.047	ng		94
23) Phenanthrene	17.10	178	224656	1.750	ng		100
24) Anthracene	17.19	178	57392	0.495	ng		99
26) Fluoranthene	19.12	202	306363	1.919	ng		99
28) Pyrene	19.49	202	396884	2.730	ng		97
30) Benzo(a)anthracene	21.29	228	214306	1.365	ng		94
31) Chrysene	21.29	228	213508	1.396	ng		97
32) Bis(2-ethylhexyl)phthalate	21.19	149	230447	2.855	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	119006	0.621	ng		97
35) Benzo(b)fluoranthene	22.81	252	228369	1.338	ng	#	96
36) Benzo(k)fluoranthene	22.81	252	228369	1.353	ng		97
37) Benzo(a)pyrene	23.37	252	168203	1.048	ng		97
38) Dibenzo(a,h)anthracene	25.68	278	33656	0.205	ng	#	73
39) Benzo(g,h,i)perylene	26.35	276	141749	0.873	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
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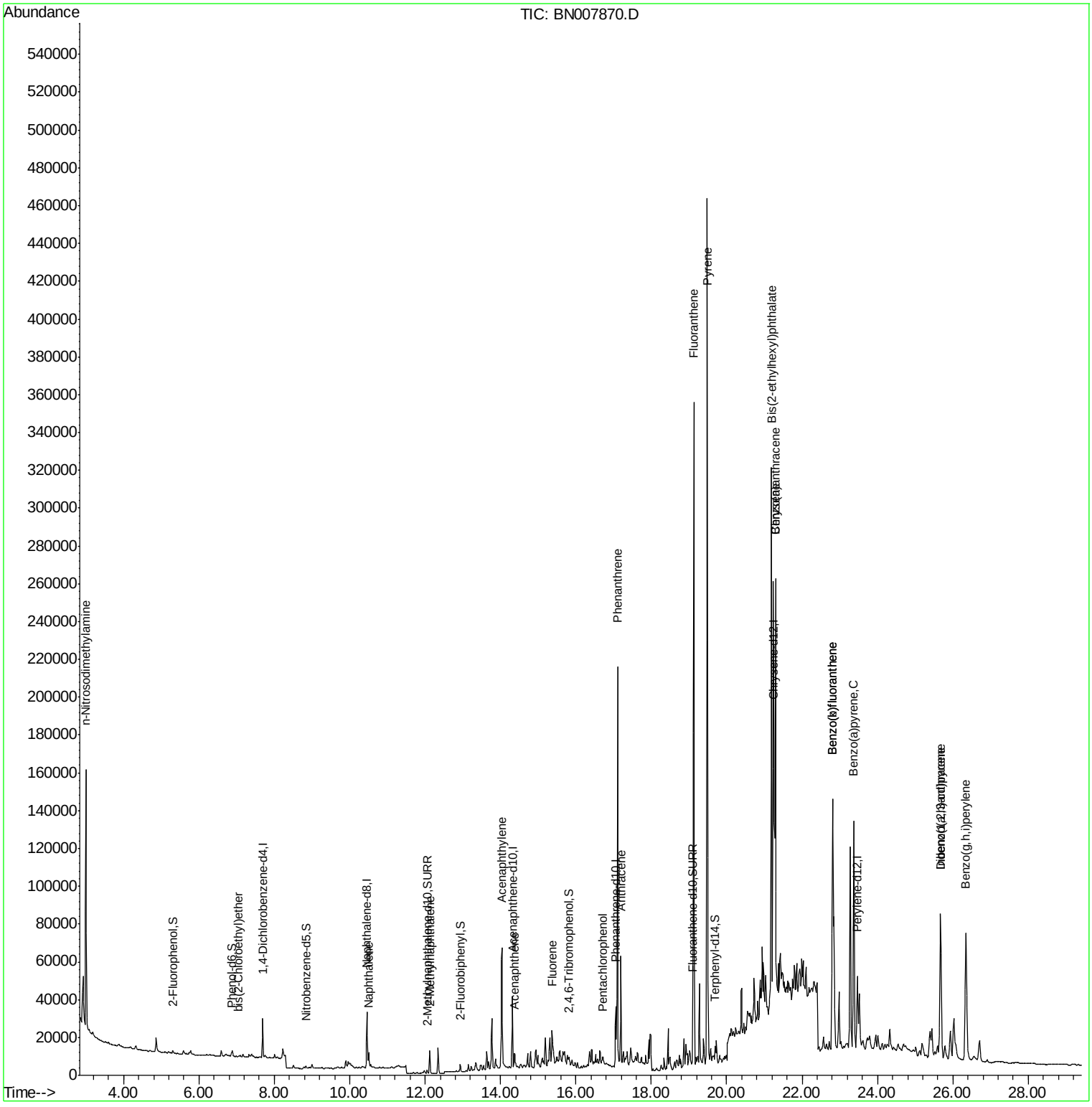
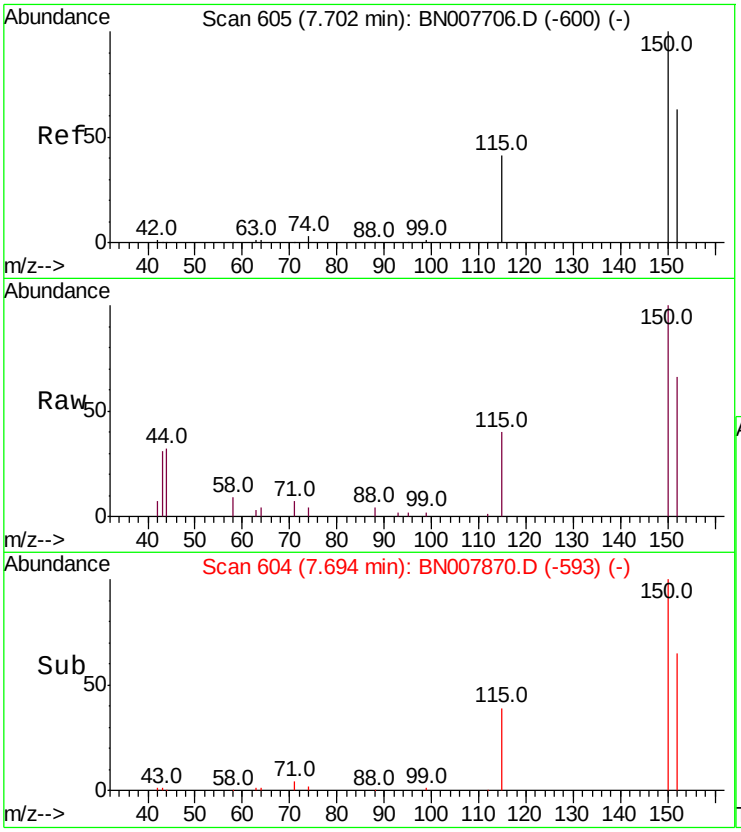
Sample : K4994-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Quant Time: Sep 26 03:55:12 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



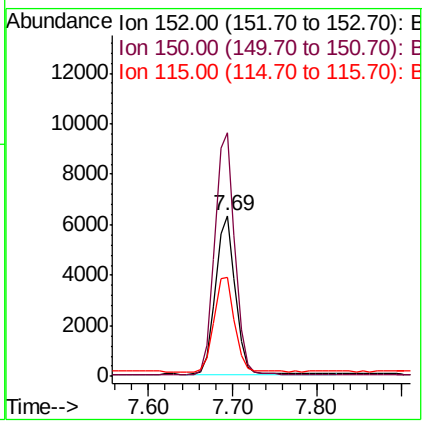


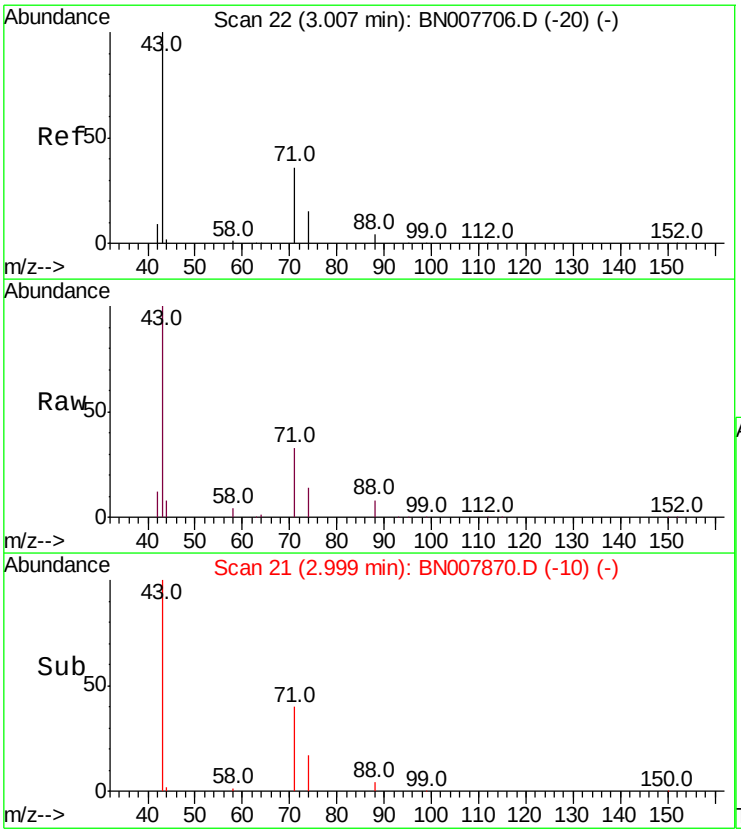
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:152 Resp: 10122

Ion	Ratio	Lower	Upper
152	100		
150	151.7	125.6	188.4
115	61.3	53.3	79.9

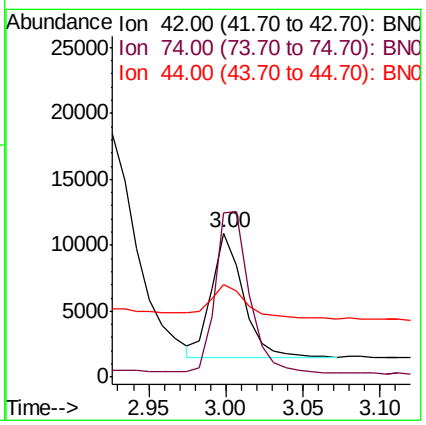


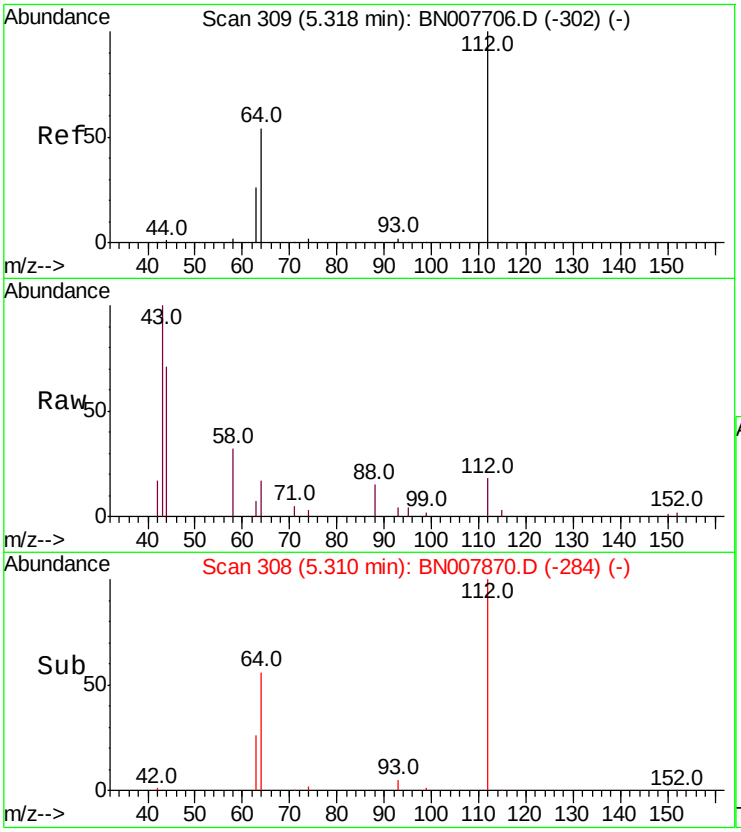


#3
n-Nitrosodimethylamine
Concen: 2.572 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion: 42 Resp: 13291

Ion	Ratio	Lower	Upper
42	100		
74	139.5	87.9	131.9#
44	31.2	29.4	44.0



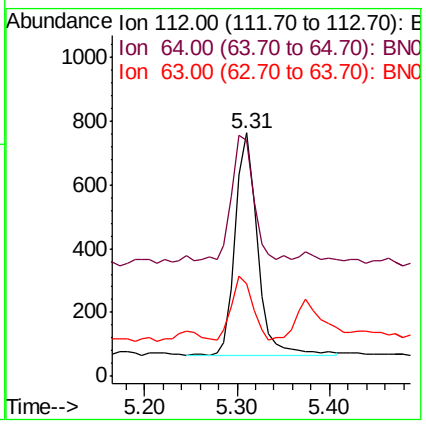


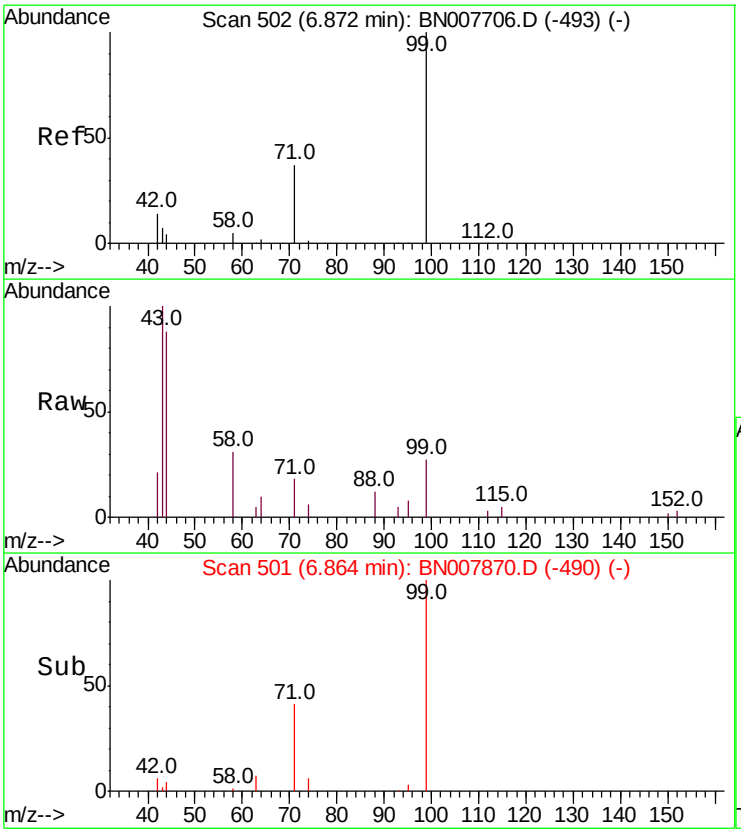
#4
2-Fluorophenol
Concen: 0.034 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:112 Resp: 1172

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.6	70.0
63	26.3	23.1	34.7

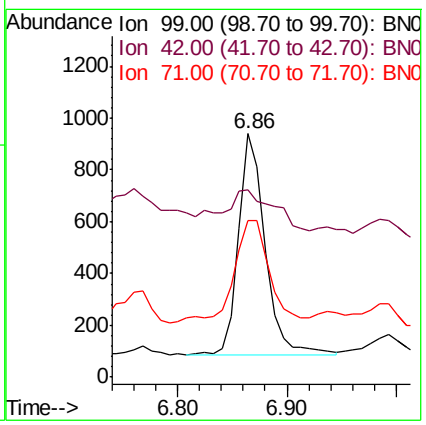


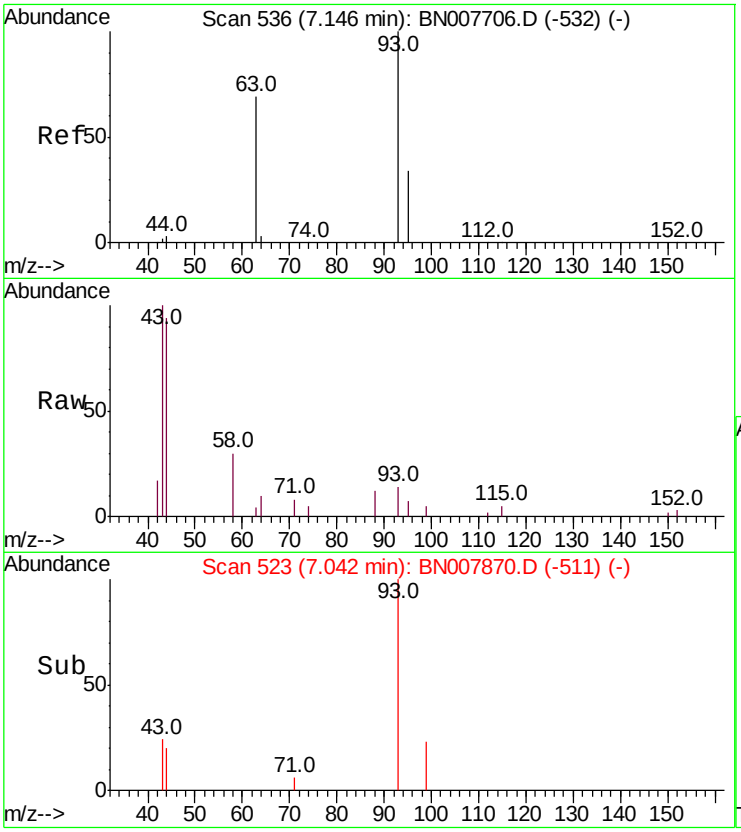


#5
Phenol-d6
Concen: 0.027 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion: 99 Resp: 1432

Ion	Ratio	Lower	Upper
99	100		
42	30.0	12.8	19.2#
71	64.2	27.6	41.4#



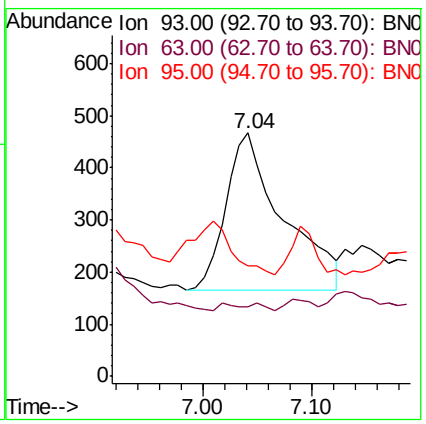


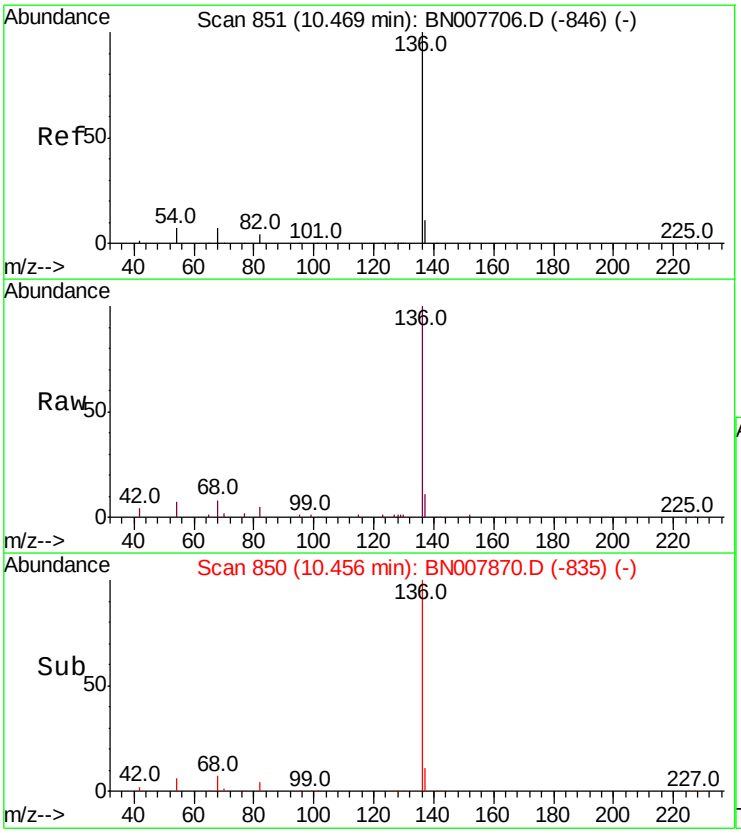
#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.04 min Scan# 523
Delta R.T. -0.10 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion: 93 Resp: 1106

Ion	Ratio	Lower	Upper
93	100		
63	1.1	59.3	88.9#
95	0.0	31.4	47.0#

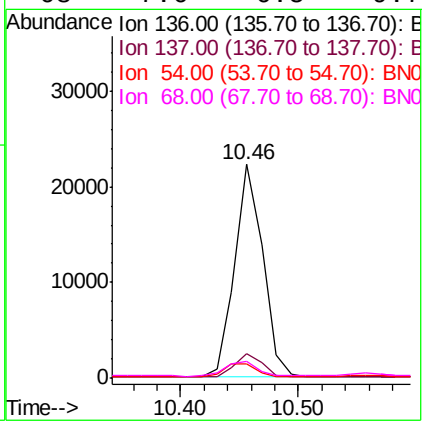


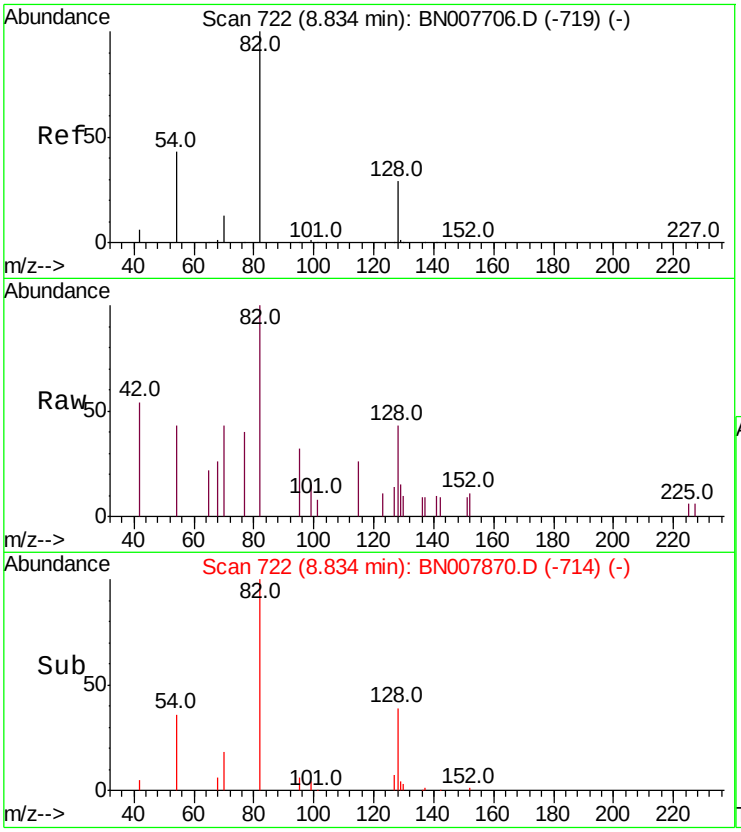


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:136 Resp: 37096

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.7	5.8	8.8
68	7.6	6.5	9.7



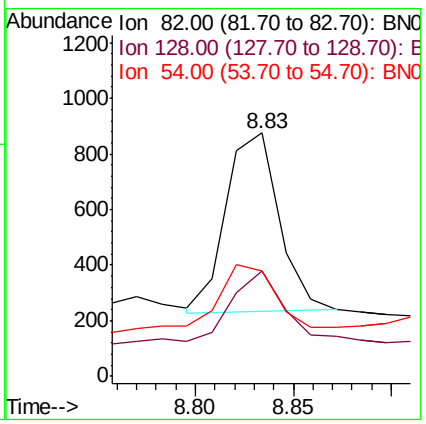


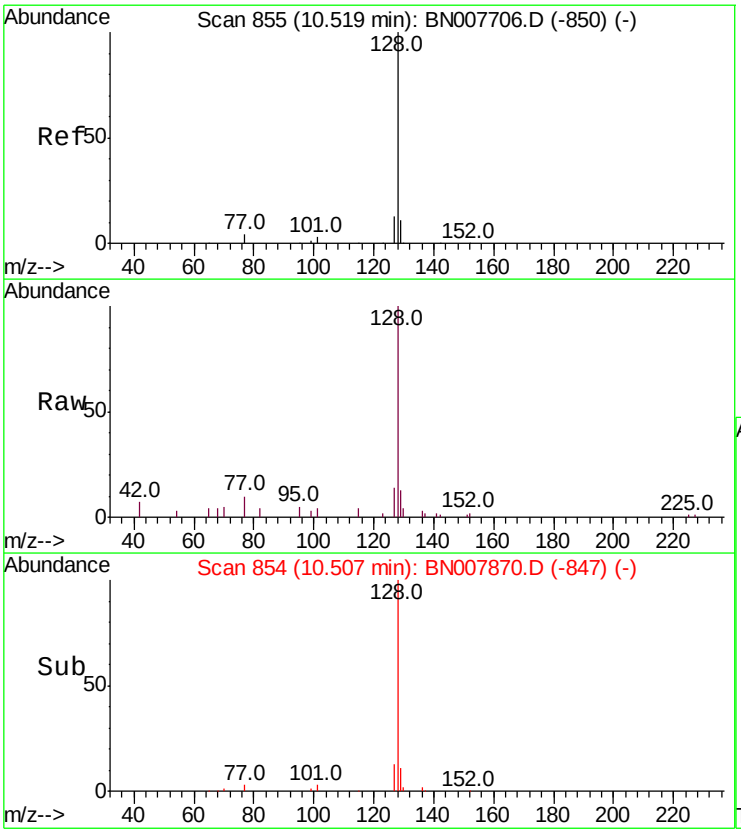
#8
Nitrobenzene-d5
Concen: 0.037 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion: 82 Resp: 1211

Ion	Ratio	Lower	Upper
82	100		
128	43.0	24.5	36.7#
54	43.0	35.2	52.8

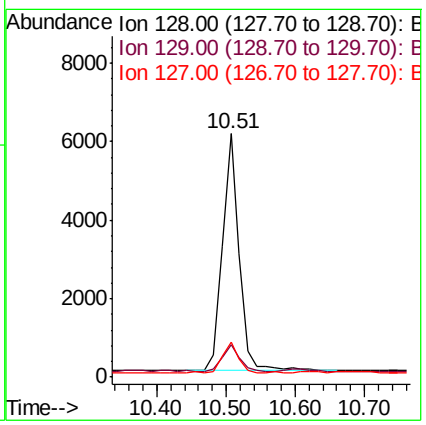


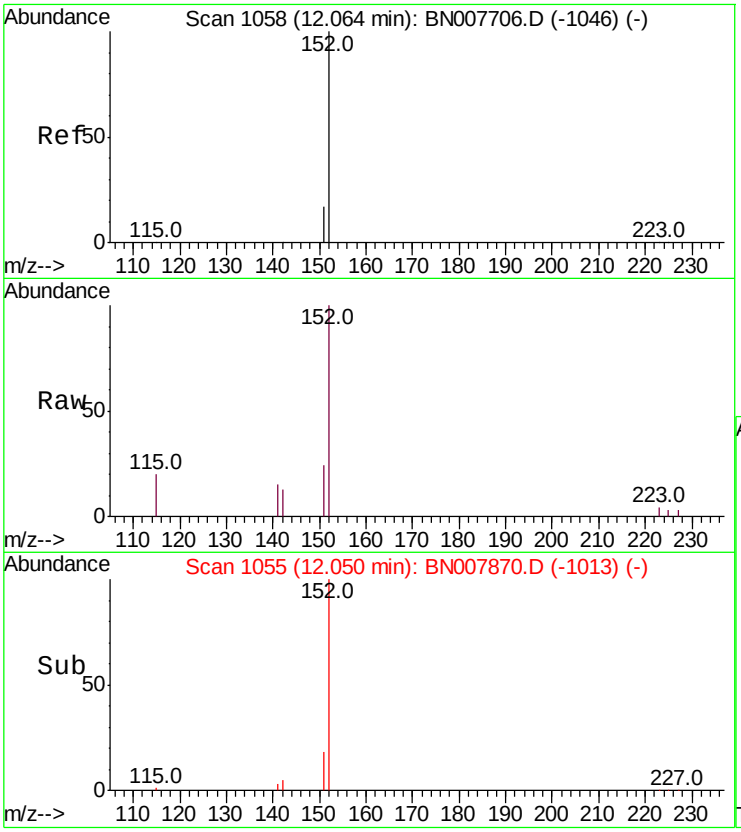


#9
Naphthalene
Concen: 0.100 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:128 Resp: 10460

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	14.4	10.6	15.8



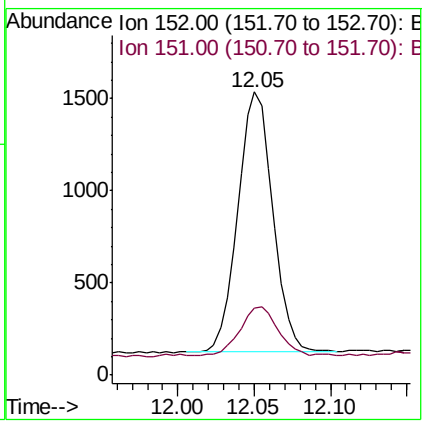


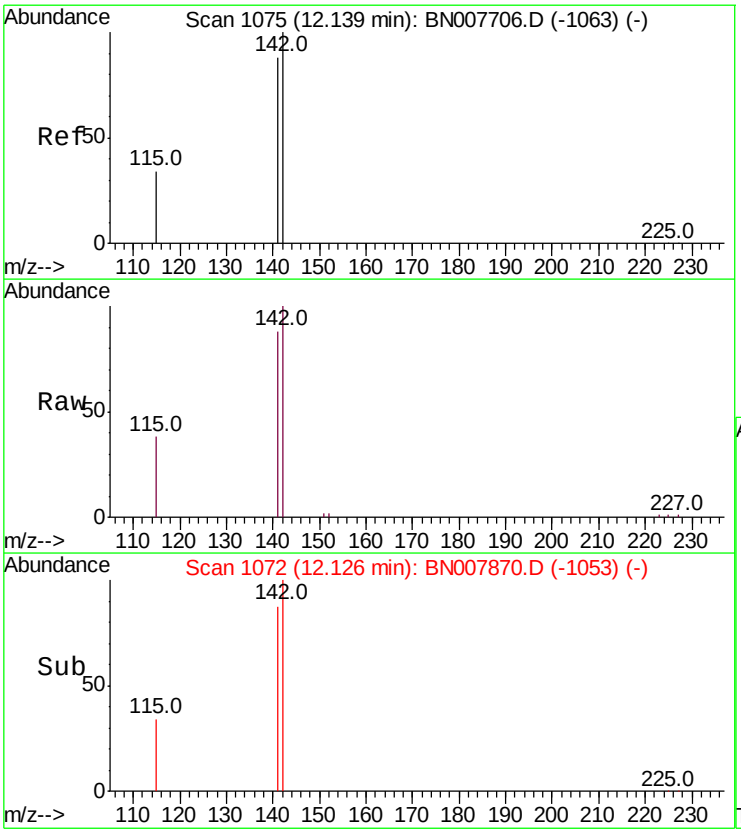
#11
2-Methylnaphthalene-d10
Concen: 0.036 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:152 Resp: 2248

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2

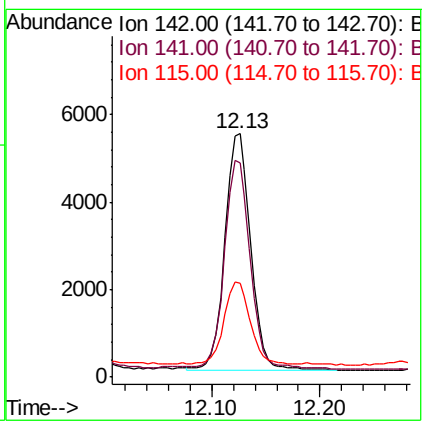


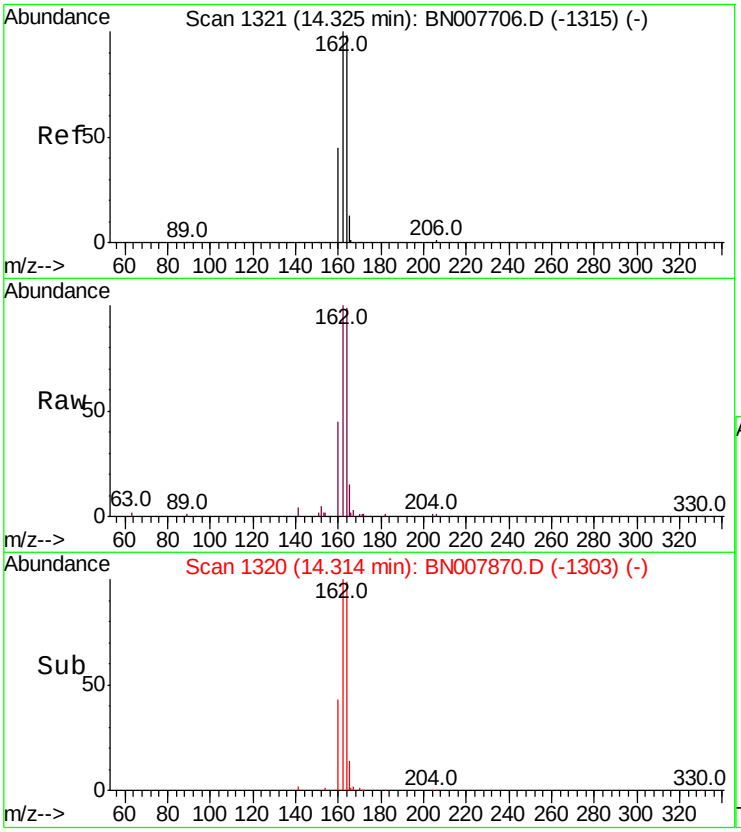


#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:142 Resp: 8918

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.6	106.0
115	38.4	28.3	42.5



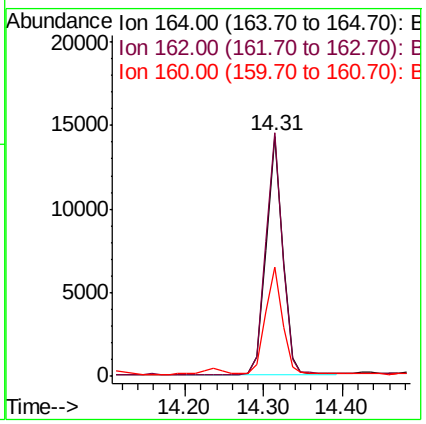


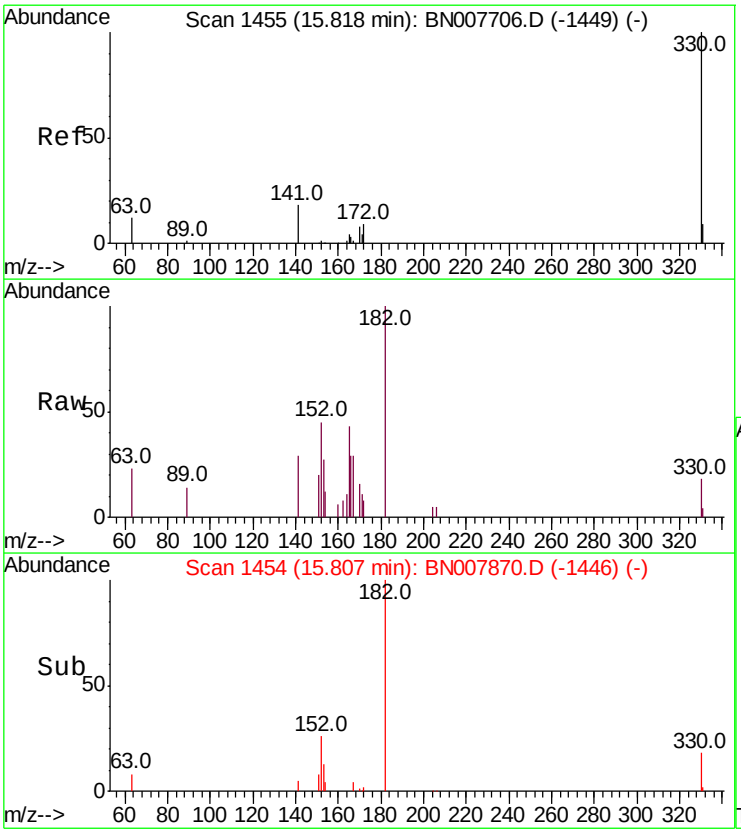
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:164 Resp: 20750

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.7	122.5
160	45.5	37.0	55.4

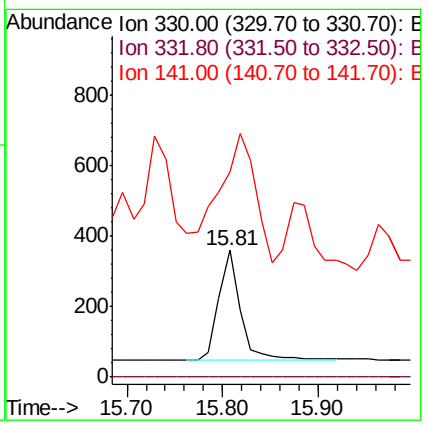


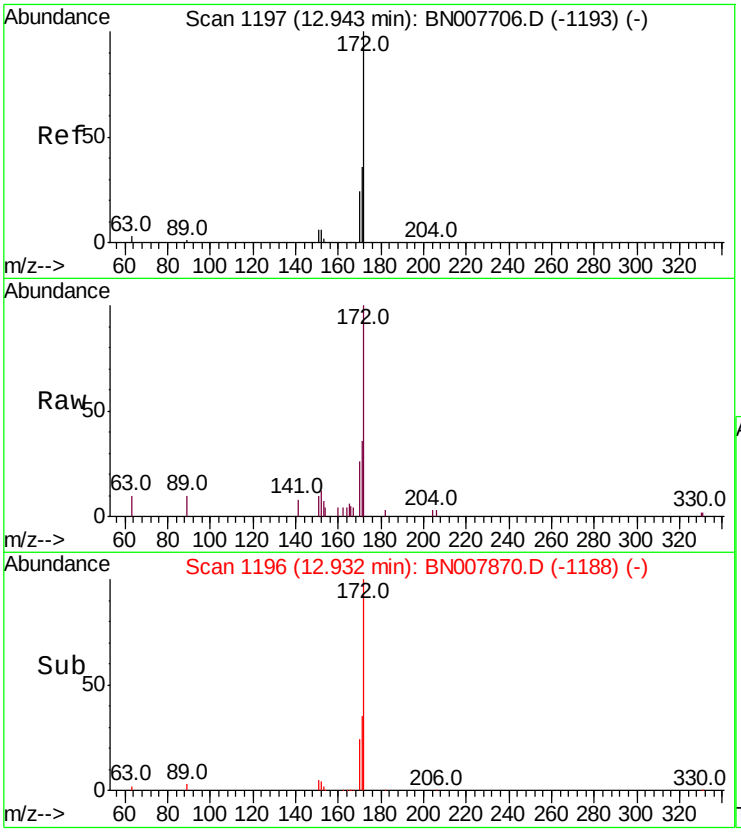


#14
2,4,6-Tribromophenol
Concen: 0.044 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:330 Resp: 500

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	196.6	28.7	43.1#



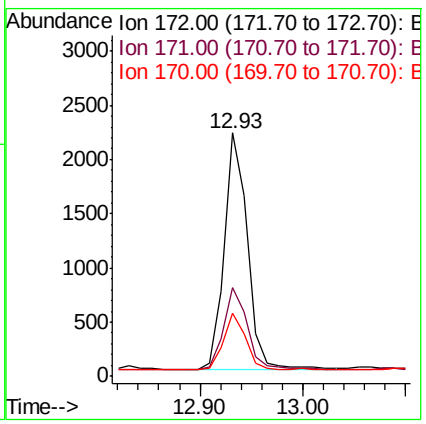


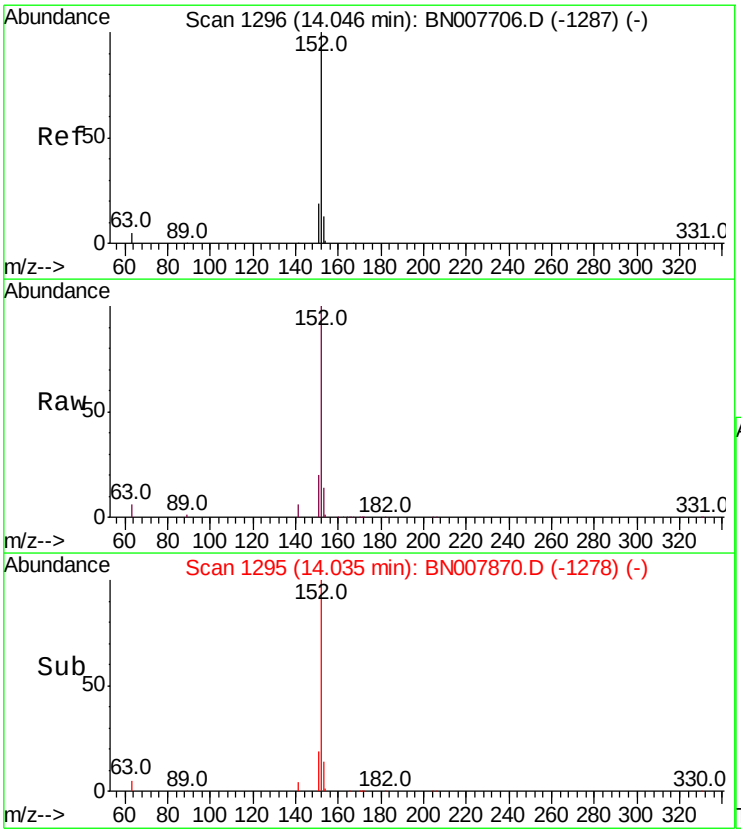
#15
2-Fluorobiphenyl
Concen: 0.040 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:172 Resp: 3394

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.8	43.2
170	26.0	19.5	29.3

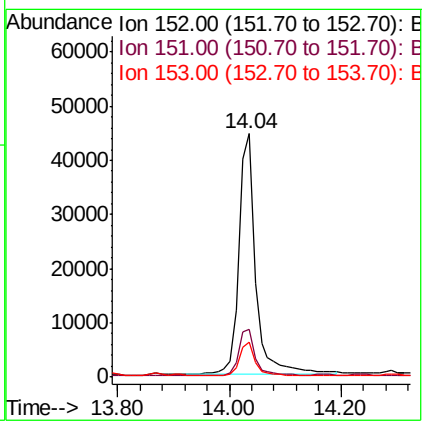


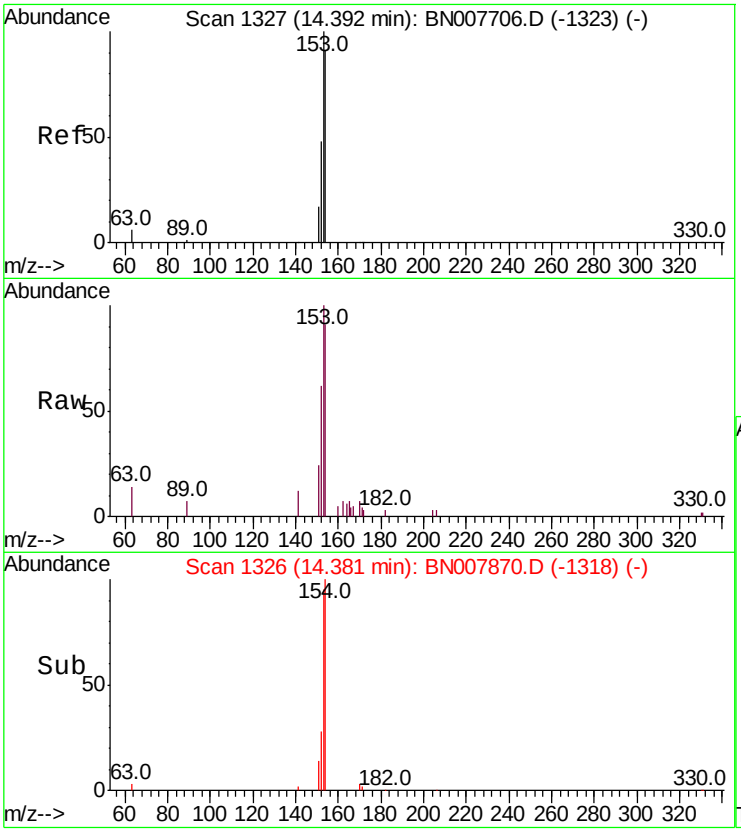


#16
Acenaphthylene
Concen: 0.833 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:152 Resp: 91684

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.8	10.4	15.6



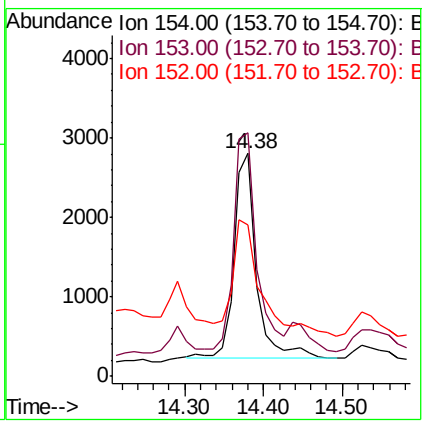


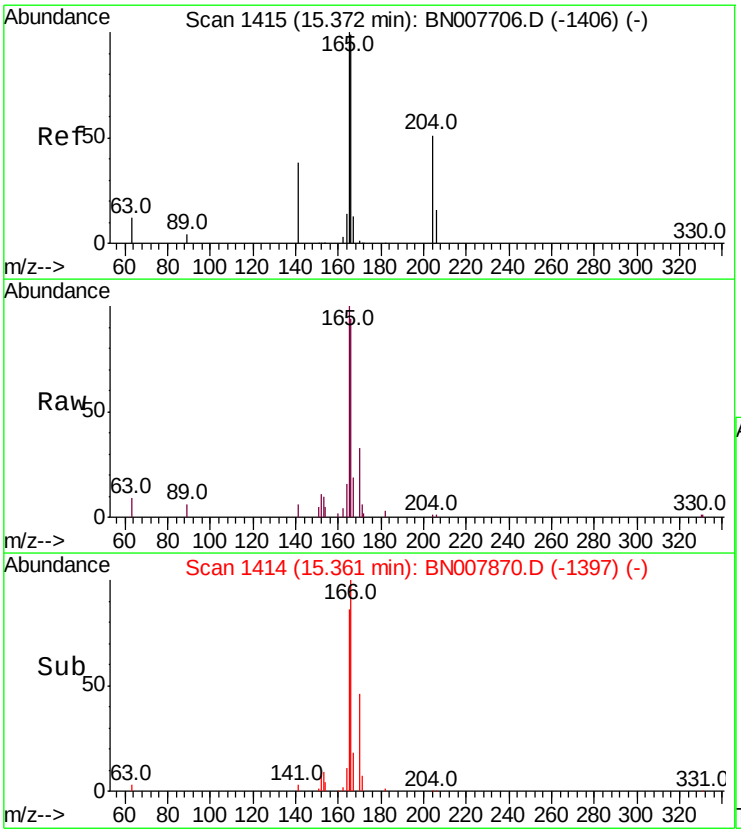
#17
Acenaphthene
Concen: 0.073 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:154 Resp: 5170

Ion	Ratio	Lower	Upper
154	100		
153	107.4	87.0	130.4
152	73.1	42.7	64.1#

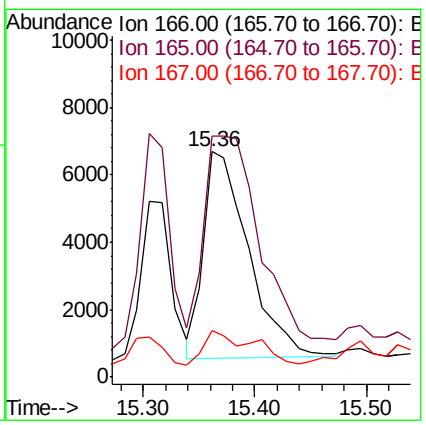


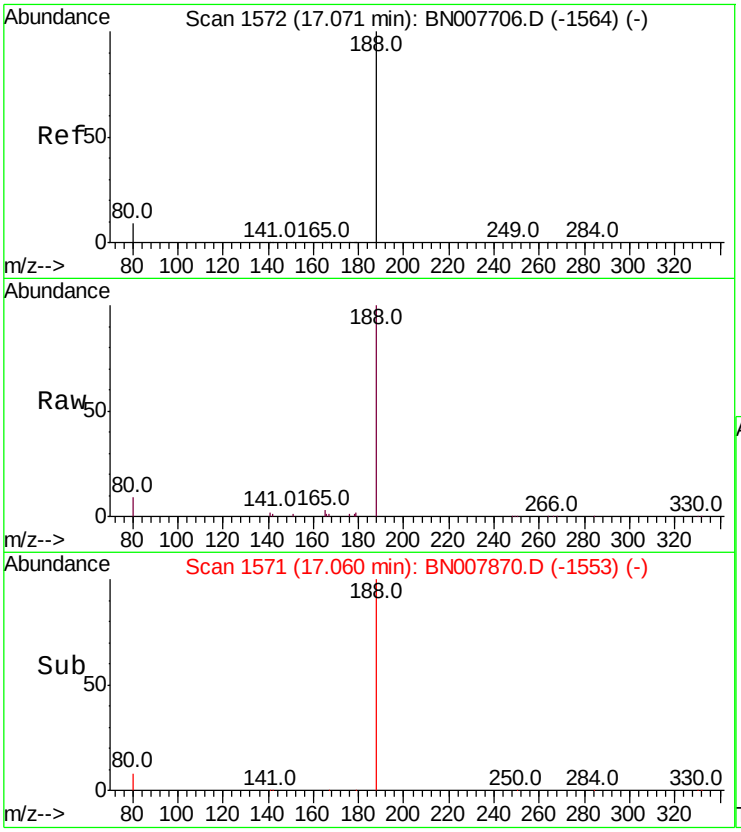


#18
Fluorene
Concen: 0.189 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:166 Resp: 17185

Ion	Ratio	Lower	Upper
166	100		
165	120.4	78.0	117.0#
167	18.1	10.9	16.3#



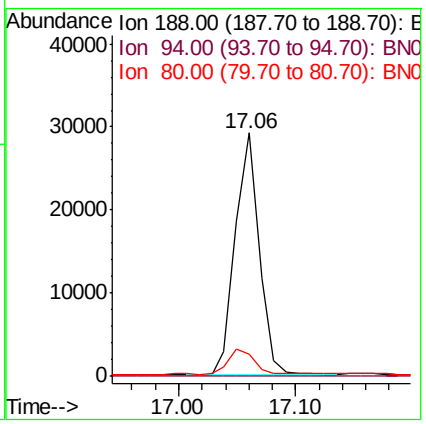


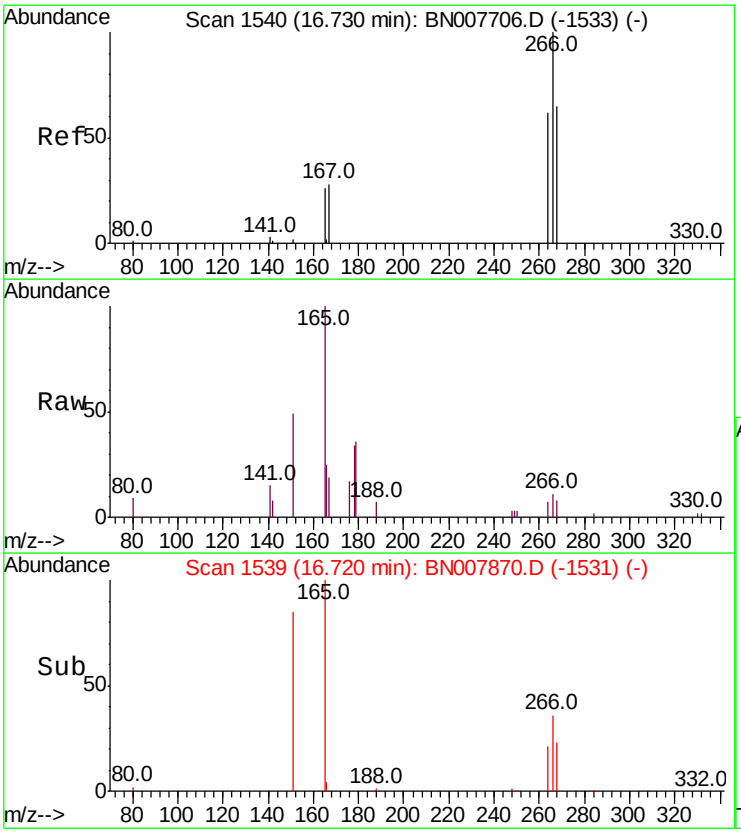
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:188 Resp: 41207

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.4	11.2

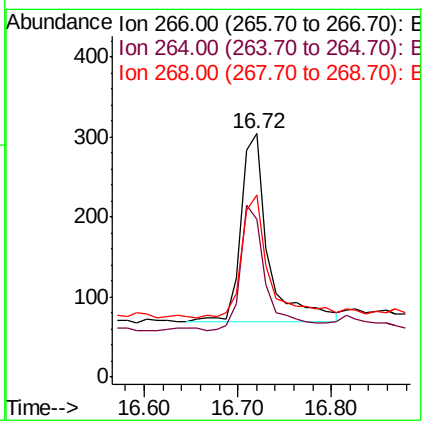


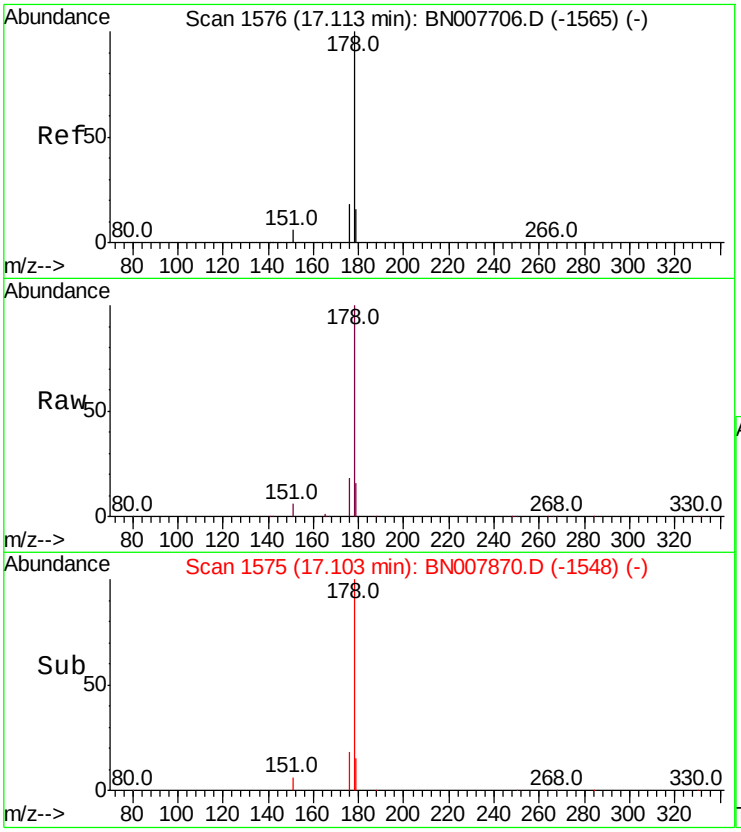


#22
Pentachlorophenol
Concen: 0.047 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:266 Resp: 474

Ion	Ratio	Lower	Upper
266	100		
264	65.1	50.0	75.0
268	74.7	54.2	81.4



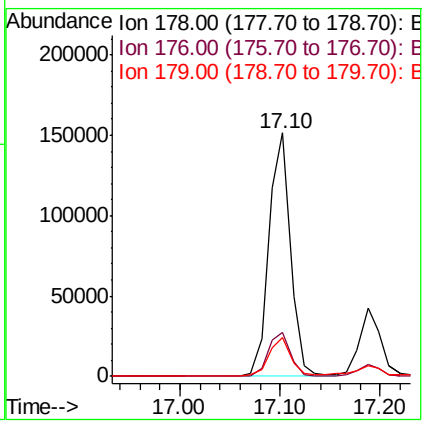


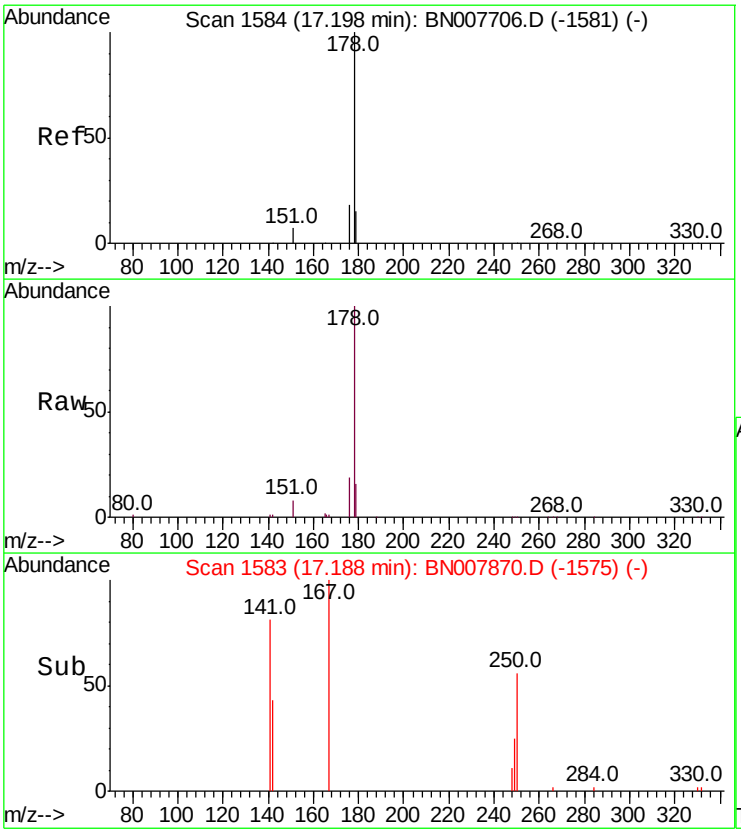
#23
Phenanthrene
Concen: 1.750 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:178 Resp: 224656

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.7	12.5	18.7

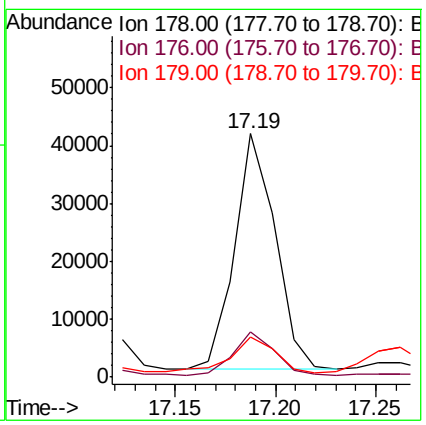


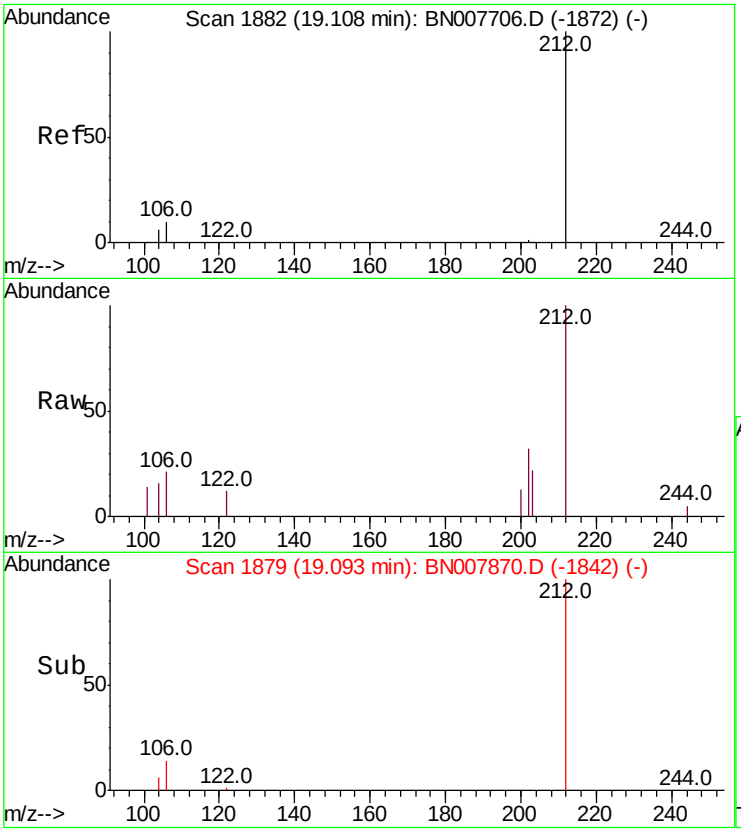


#24
Anthracene
Concen: 0.495 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:178 Resp: 57392

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	16.3	12.2	18.4



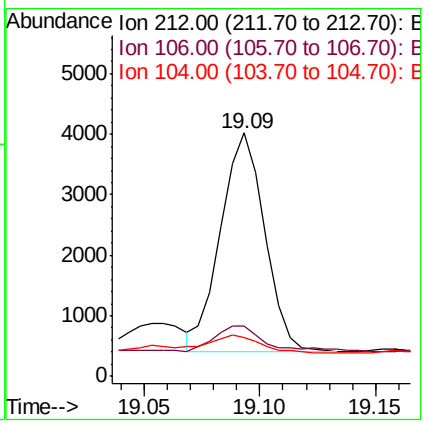


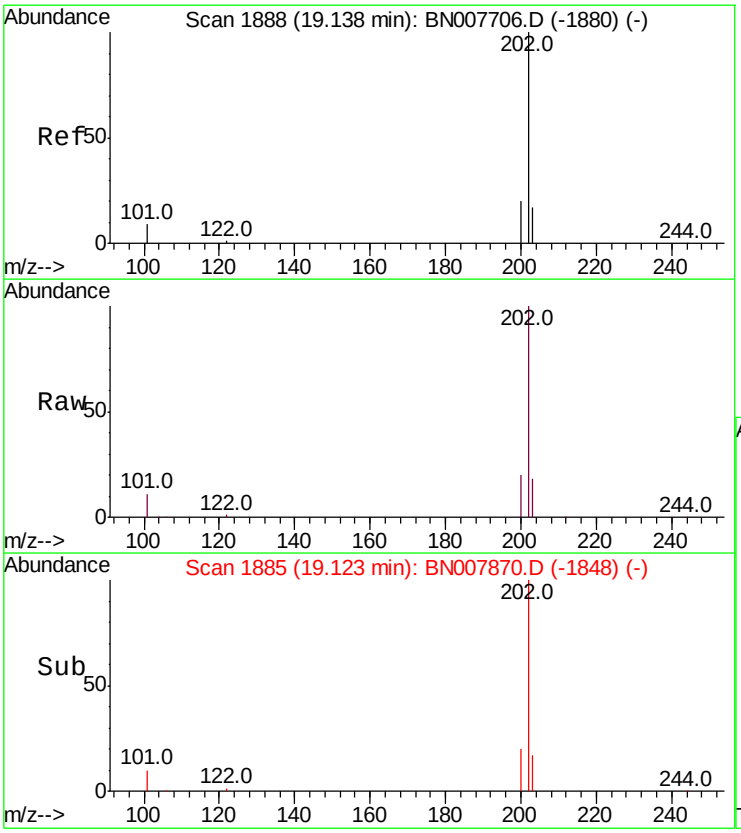
#25
Fluoranthene-d10
Concen: 0.035 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:212 Resp: 4823

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.4	14.0
104	8.4	5.3	7.9#

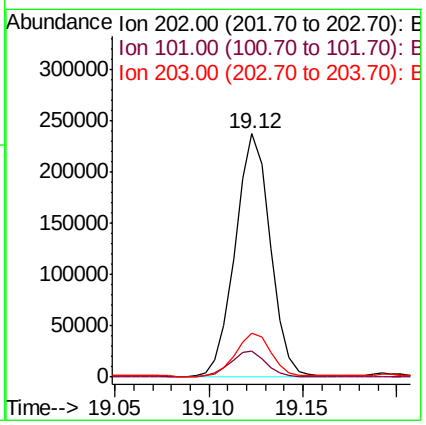


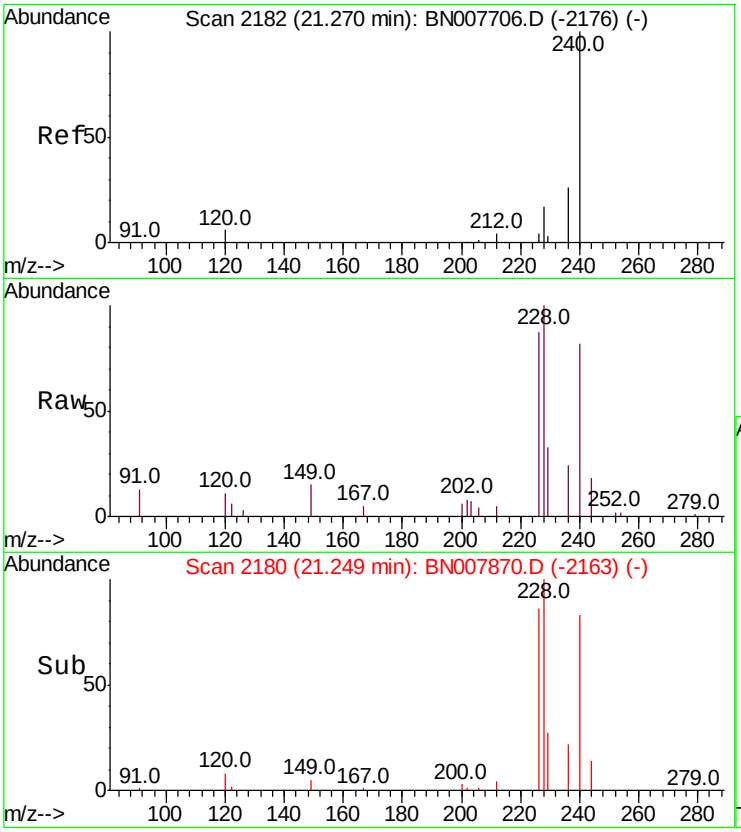


#26
Fluoranthene
Concen: 1.919 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:202 Resp: 306363

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
203	17.9	13.8	20.8



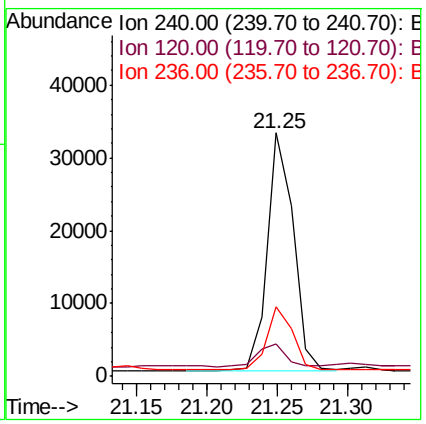


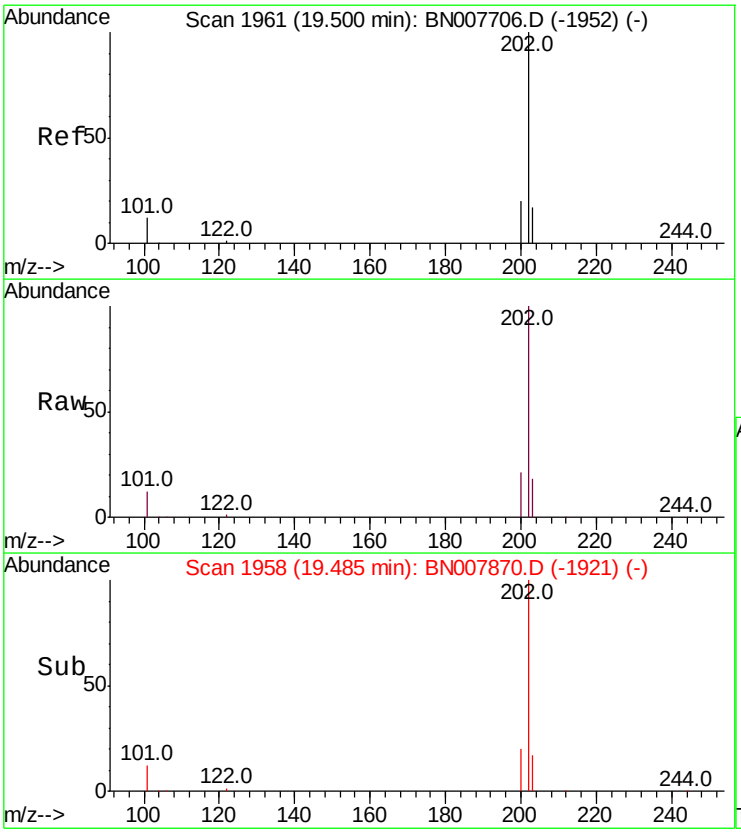
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:240 Resp: 42624

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.4	8.2#
236	28.7	21.0	31.4

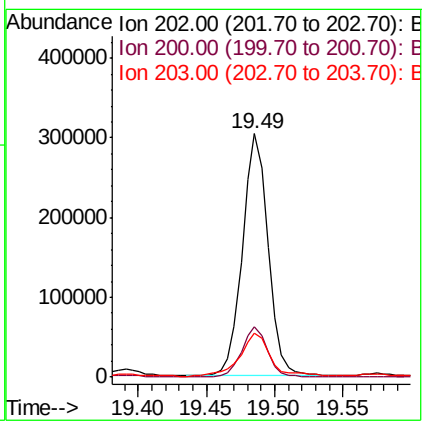


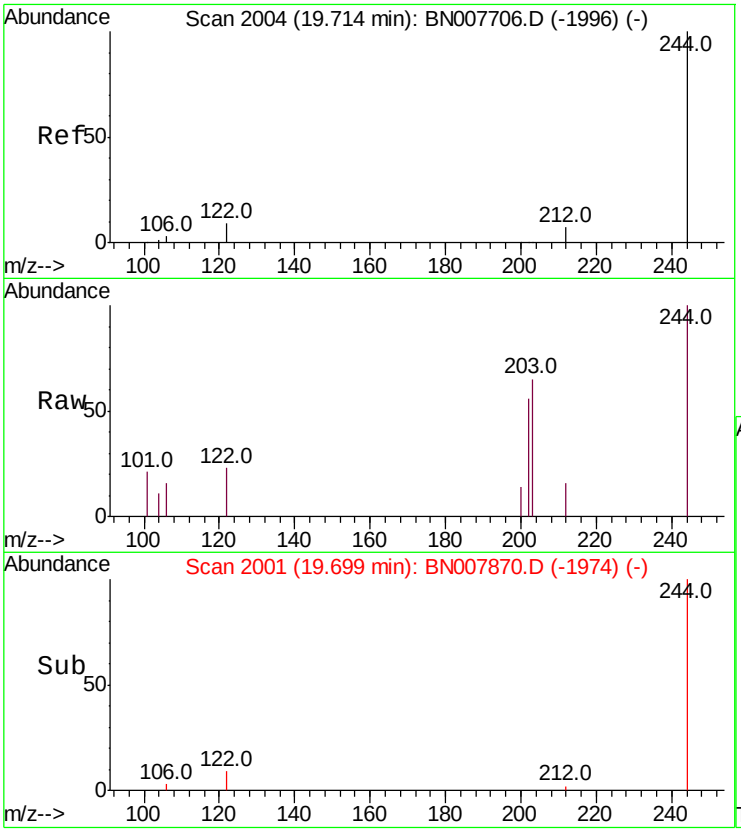


#28
Pyrene
Concen: 2.730 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:202 Resp: 396884

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	20.8	14.1	21.1



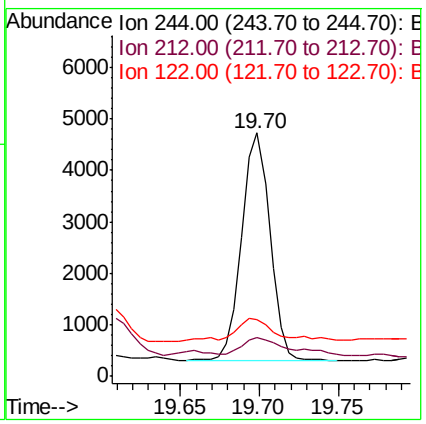


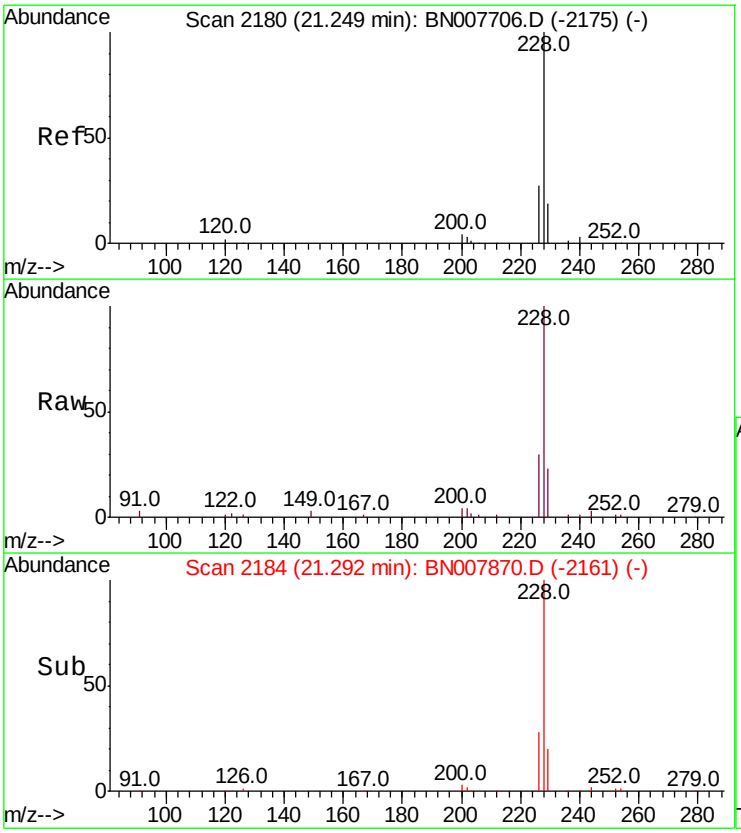
#29
Terphenyl-d14
Concen: 0.052 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:244 Resp: 5477

Ion	Ratio	Lower	Upper
244	100		
212	15.8	5.9	8.9#
122	23.1	7.4	11.2#

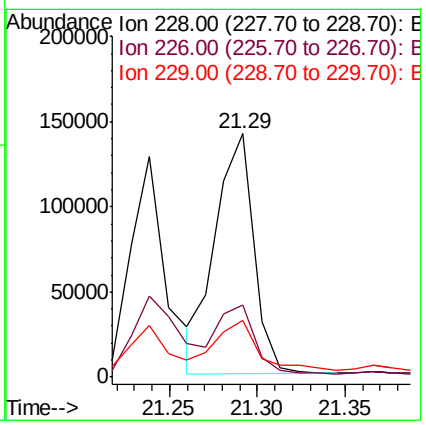


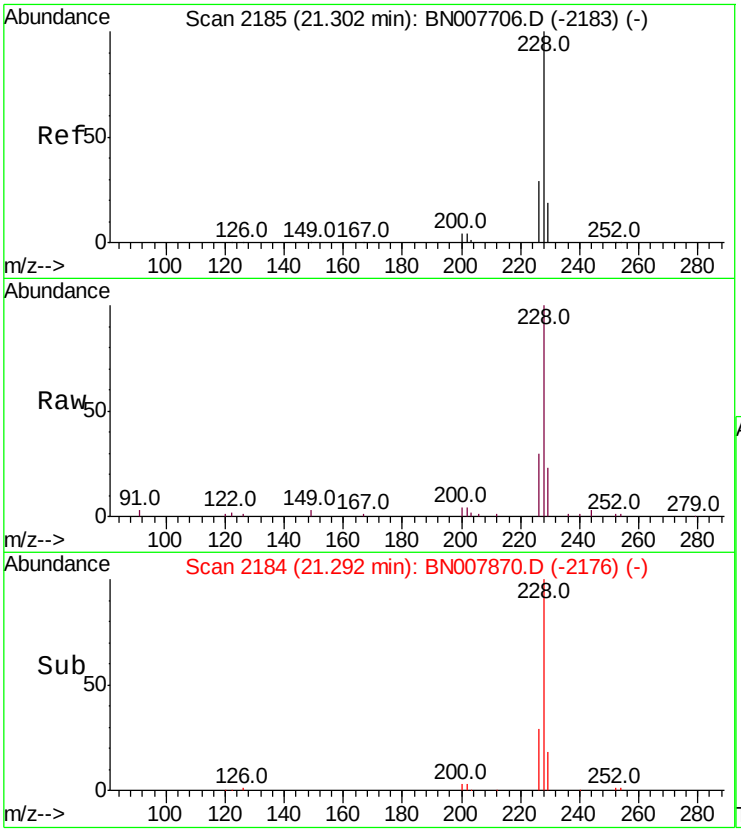


#30
Benzo(a)anthracene
Concen: 1.365 ng
RT: 21.29 min Scan# 2184
Delta R.T. 0.04 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:228 Resp: 214306

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.1	33.1
229	23.2	15.8	23.6



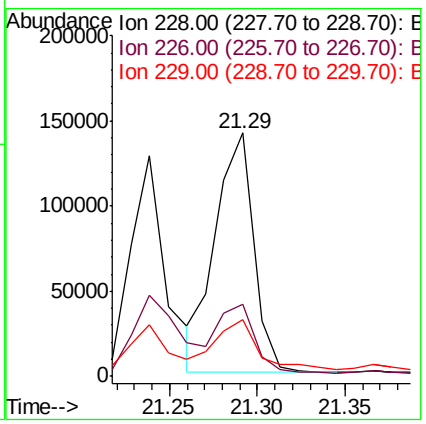


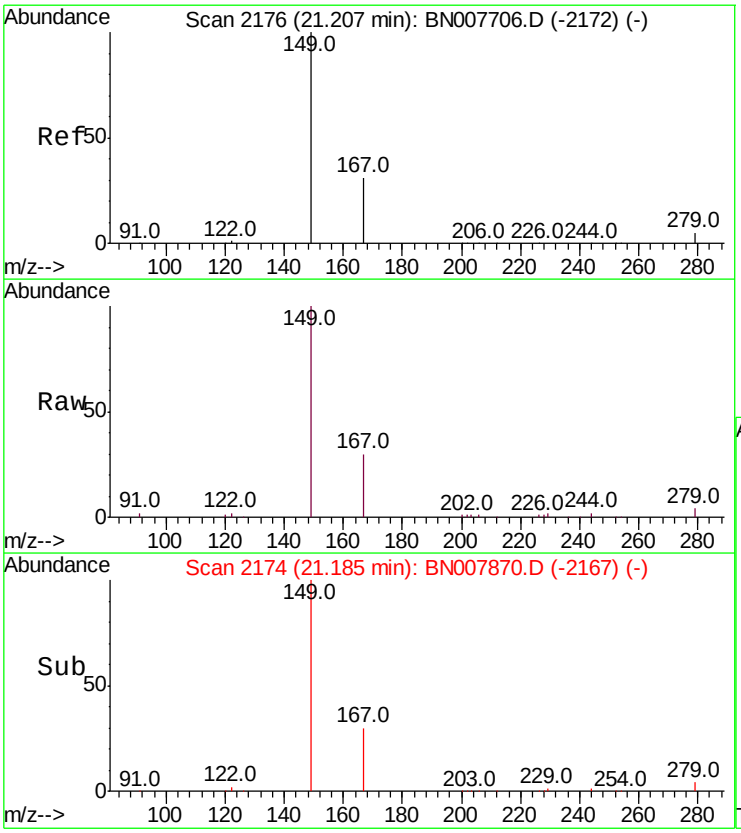
#31
Chrysene
Concen: 1.396 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:228 Resp: 213508

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	23.2	15.8	23.6

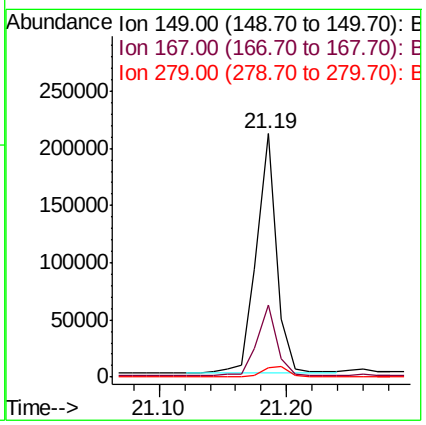


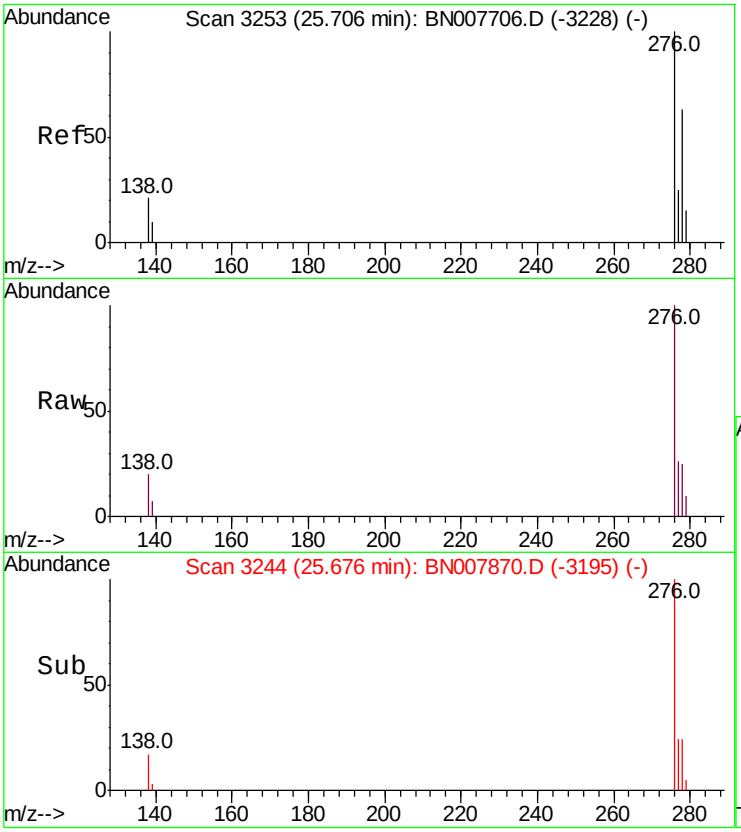


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.855 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:149 Resp: 230447

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	5.2	4.2	6.2



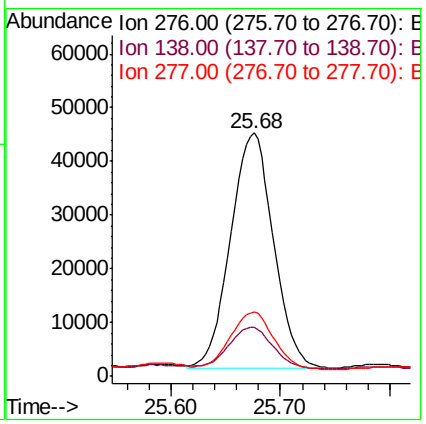


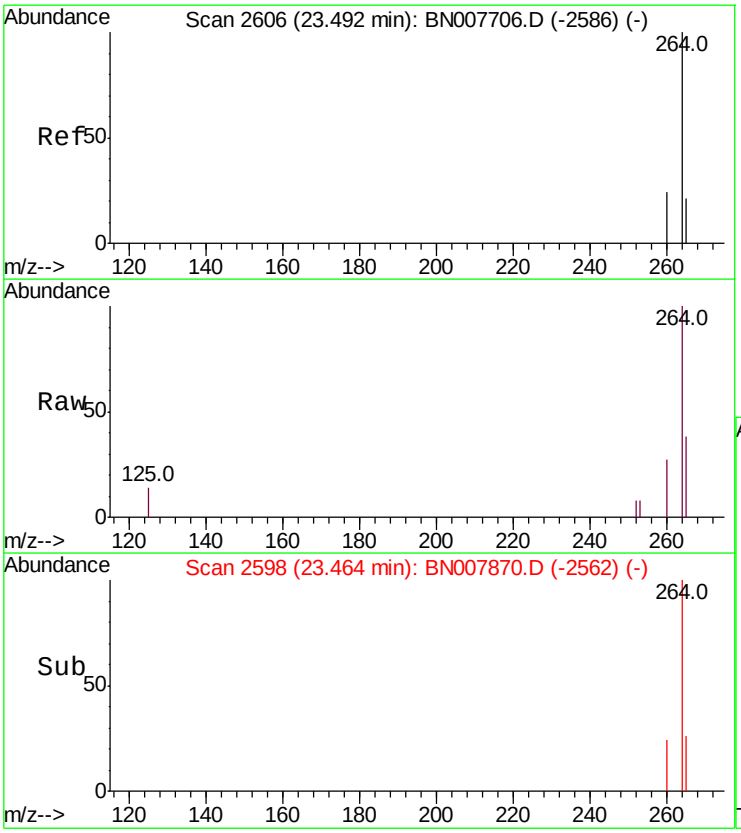
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.621 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.03 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:276 Resp: 119006

Ion	Ratio	Lower	Upper
276	100		
138	18.4	17.1	25.7
277	24.9	20.0	30.0

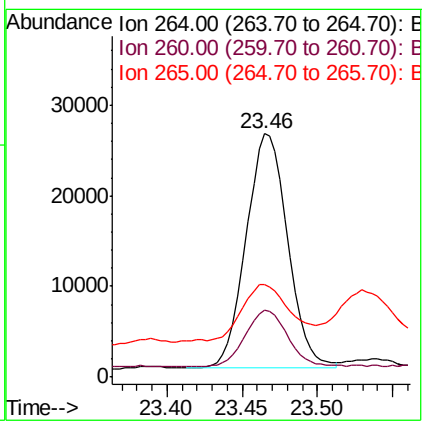


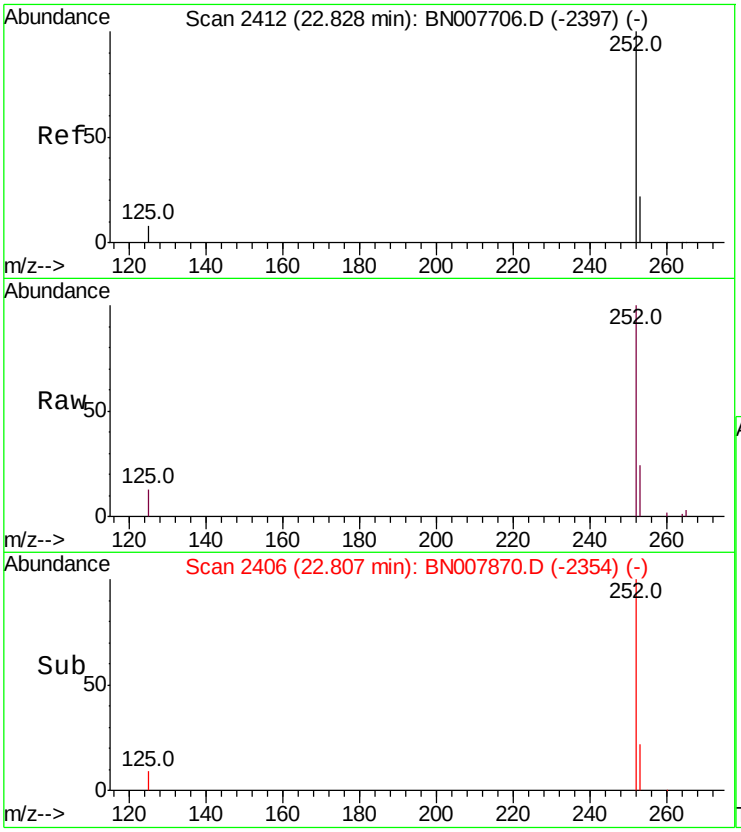


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:264 Resp: 49173

Ion	Ratio	Lower	Upper
264	100		
260	27.4	19.3	28.9
265	38.2	26.9	40.3



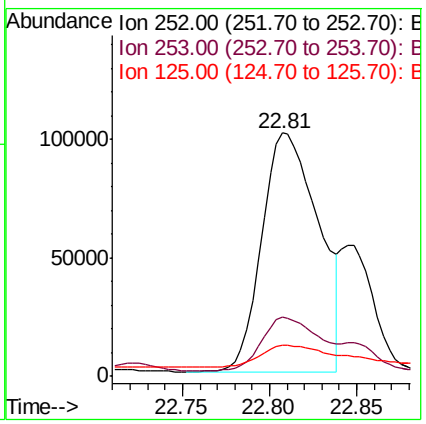


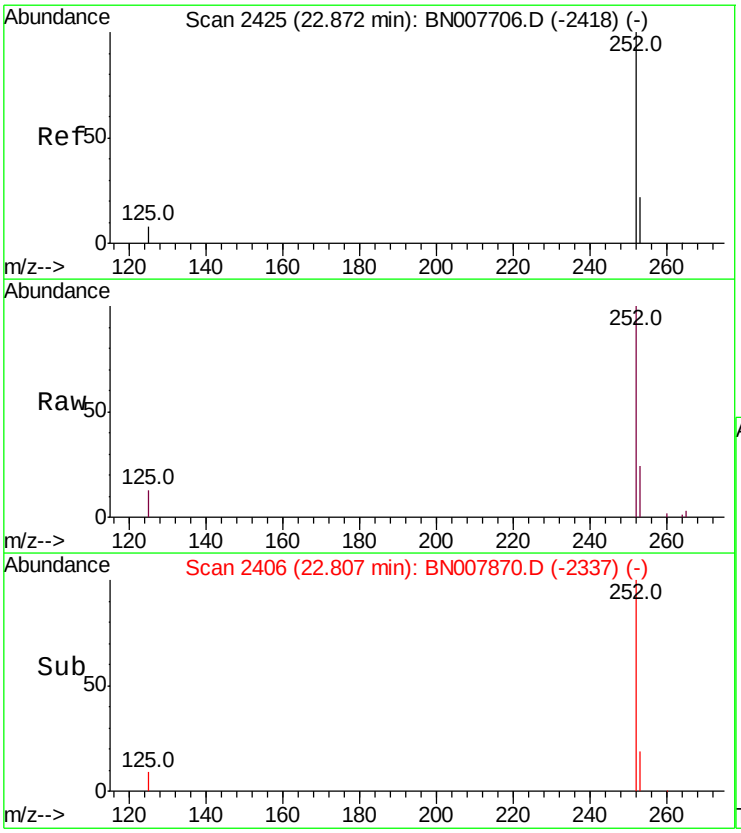
#35
Benzo(b)fluoranthene
Concen: 1.338 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:252 Resp: 228369

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.3	27.5
125	12.6	8.2	12.4#

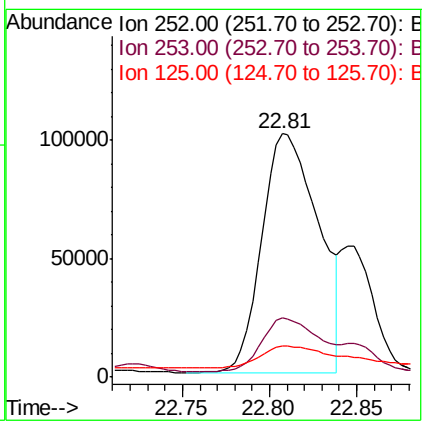


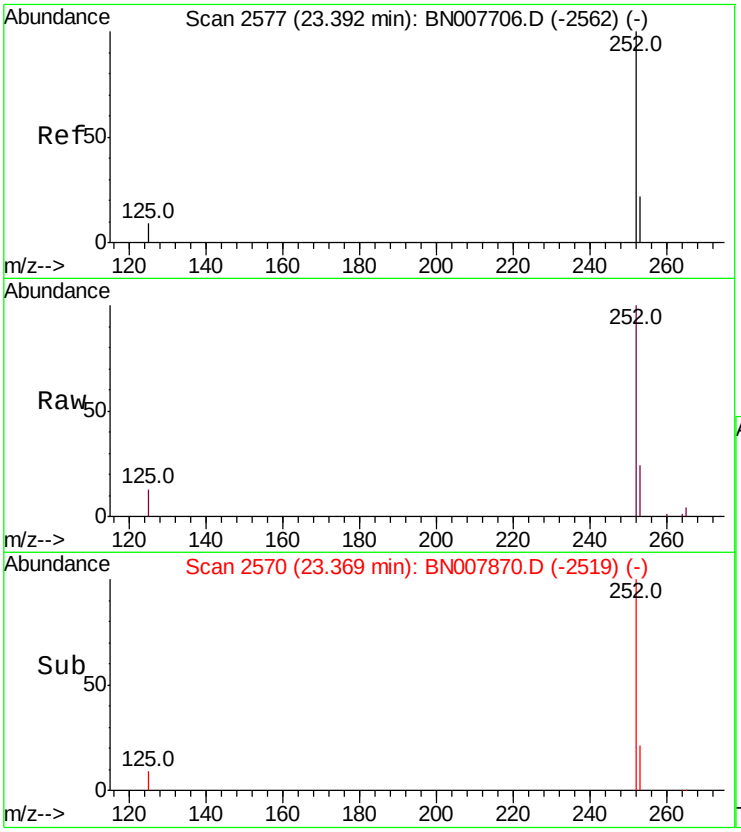


#36
Benzo(k)fluoranthene
Concen: 1.353 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.07 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:252 Resp: 228369

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	12.6	8.4	12.6



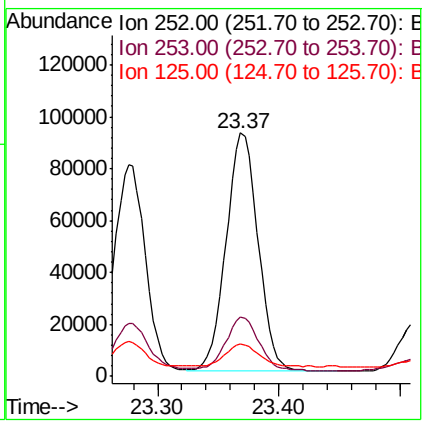


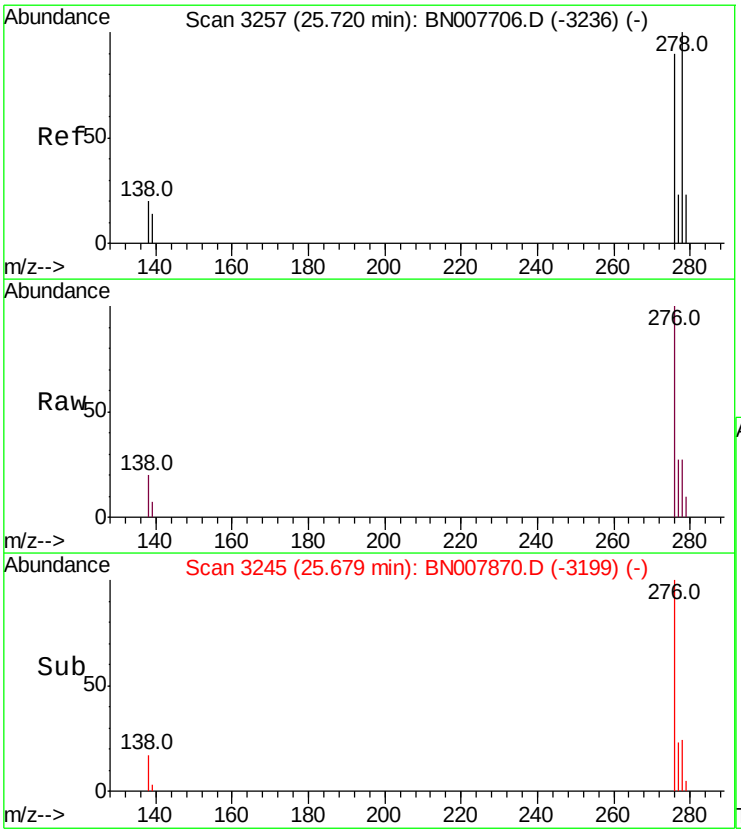
#37
Benzo(a)pyrene
Concen: 1.048 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:252 Resp: 168203

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.6	27.8
125	13.2	9.4	14.0

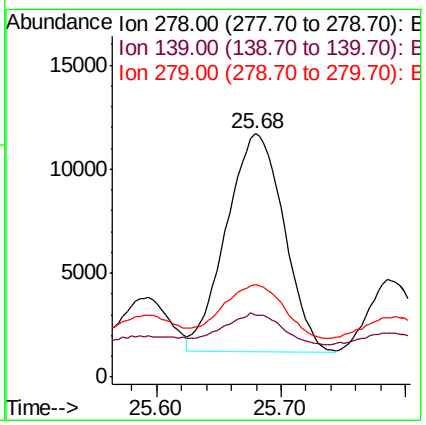


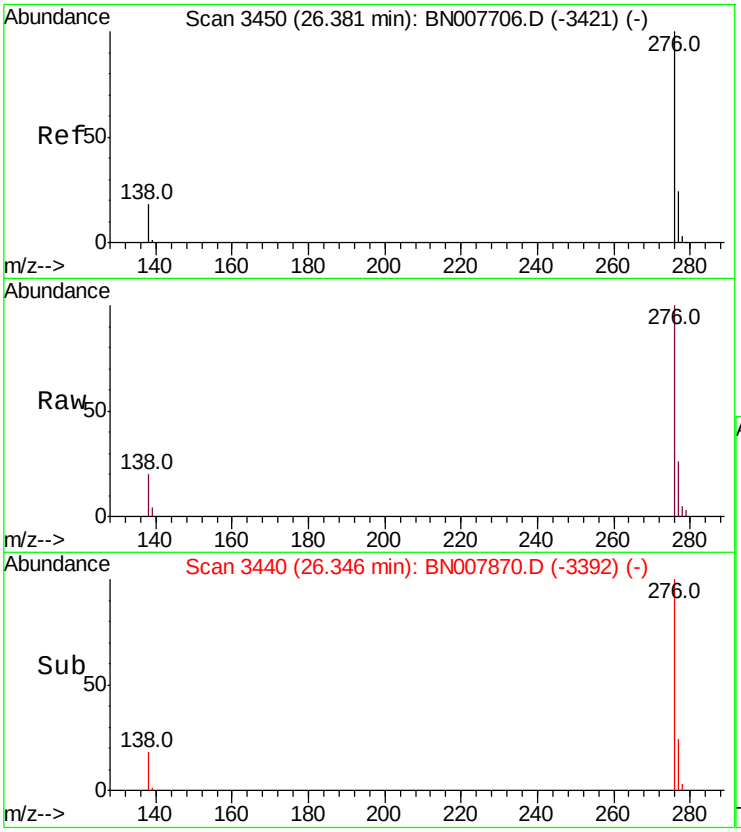


#38
Dibenzo(a,h)anthracene
Concen: 0.205 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.04 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Tgt Ion:278 Resp: 33656

Ion	Ratio	Lower	Upper
278	100		
139	25.6	11.8	17.6#
279	38.0	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.873 ng
RT: 26.35 min Scan# 3440
Delta R.T. -0.03 min
Lab File: BN007870.D
Acq: 26 Sep 2019 02:07

Instrument :
BNA_N
ClientSampleId :
PST-B239-091919-1

Tgt Ion:276 Resp: 141749

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.8	29.8
138	20.4	15.1	22.7