Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

Quantitation Report (Not Reviewed)

Data File : BN007345.D
Acq On : 24 Aug 2019 02:13
Operator : HP/JU
Sample : K4471-14 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S704-N-0.0-0.5-082119-FD

Quant Time: Aug 24 07:34:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4686	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	19539	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	10604	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	22819	0.40	ng		0.00
27) Chrysene-d12	21.02	240	22686	0.40	ng		0.00
34) Perylene-d12	23.12	264	25487	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	396	-0.00	ng		0.00
5) Phenol-d6	6.60	99	531	-0.00	ng		0.00
8) Nitrobenzene-d5	8.53	82	404	0.02	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	734	0.02	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	150	0.03	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	948	0.02	ng		0.00
25) Fluoranthene-d10	18.85	212	1640	0.02	ng		0.00
29) Terphenyl-d14	19.47	244	1505	0.03	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	5504	0.099	ng		96
12) 2-Methylnaphthalene	11.83	142	3711	0.098	ng		98
16) Acenaphthylene	13.76	152	5569	0.089	ng		98
17) Acenaphthene	14.11	154	9430	0.257	ng		98
18) Fluorene	15.10	166	15265	0.329	ng		95
20) 4-Bromophenyl-phenylether	16.02	248	201	0.022	ng	#	1
23) Phenanthrene	16.84	178	228481	3.329	ng		99
24) Anthracene	16.93	178	50117	0.726	ng	#	93
26) Fluoranthene	18.87	202	402067	4.562	ng		100
28) Pyrene	19.24	202	332193	3.640	ng	#	95
30) Benzo(a)anthracene	21.00	228	194006	2.178	ng		99
31) Chrysene	21.05	228	161416	1.877	ng		97
32) Bis(2-ethylhexyl)phthalate	20.97	149	21209	0.349	ng	#	88
33) Indeno(1,2,3-cd)pyrene	25.18	276	106621	1.029	ng		98
35) Benzo(b)fluoranthene	22.51	252	223415	2.419	ng	#	95
36) Benzo(k)fluoranthene	22.51	252	223415	2.448	ng	#	92
37) Benzo(a)pyrene	22.94	252	103416	1.177	ng		98
38) Dibenzo(a,h)anthracene	25.19	278	26990	0.308	ng		97
39) Benzo(g,h,i)perylene	25.81	276	100403	1.149	ng		97

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

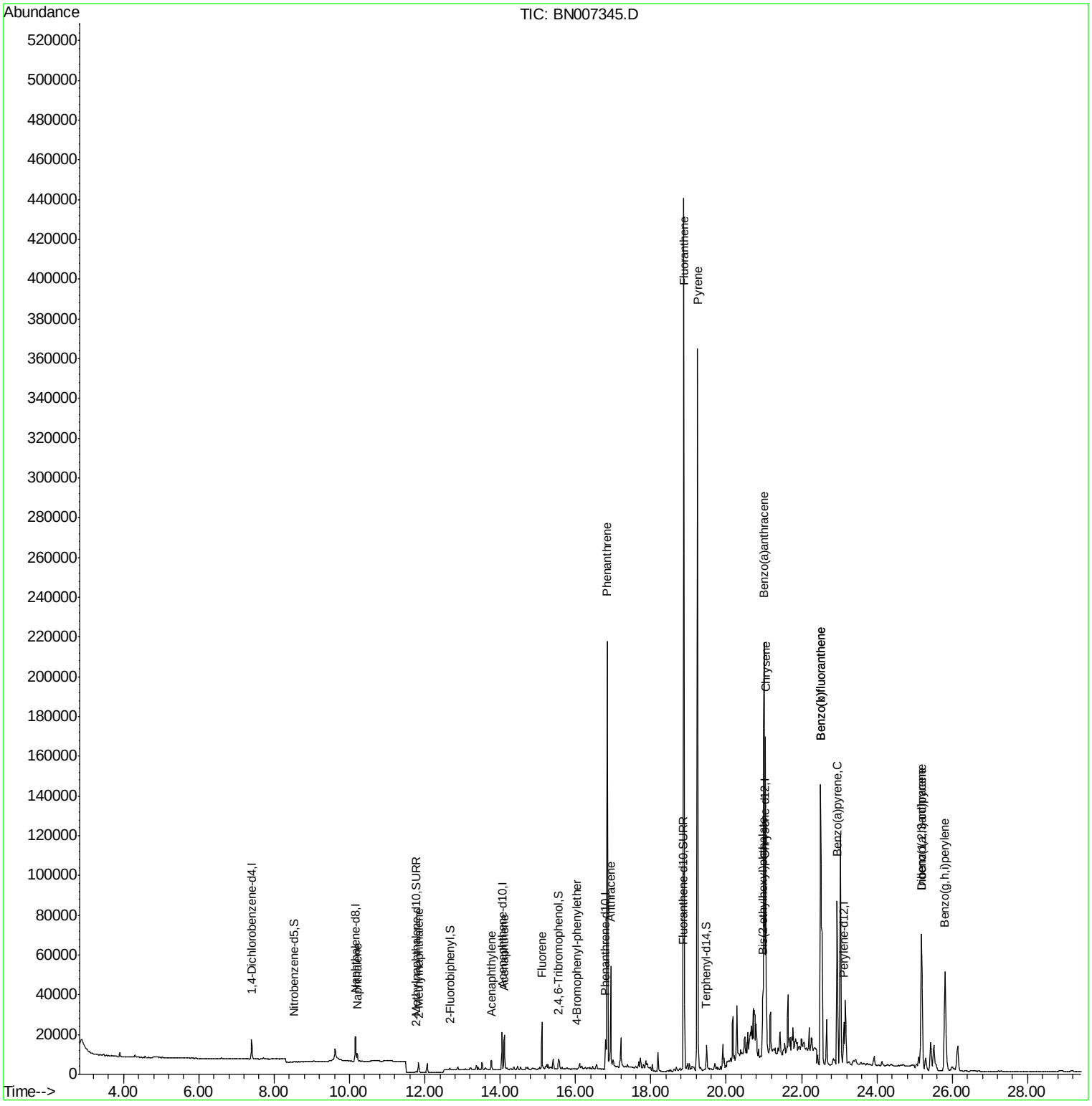
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

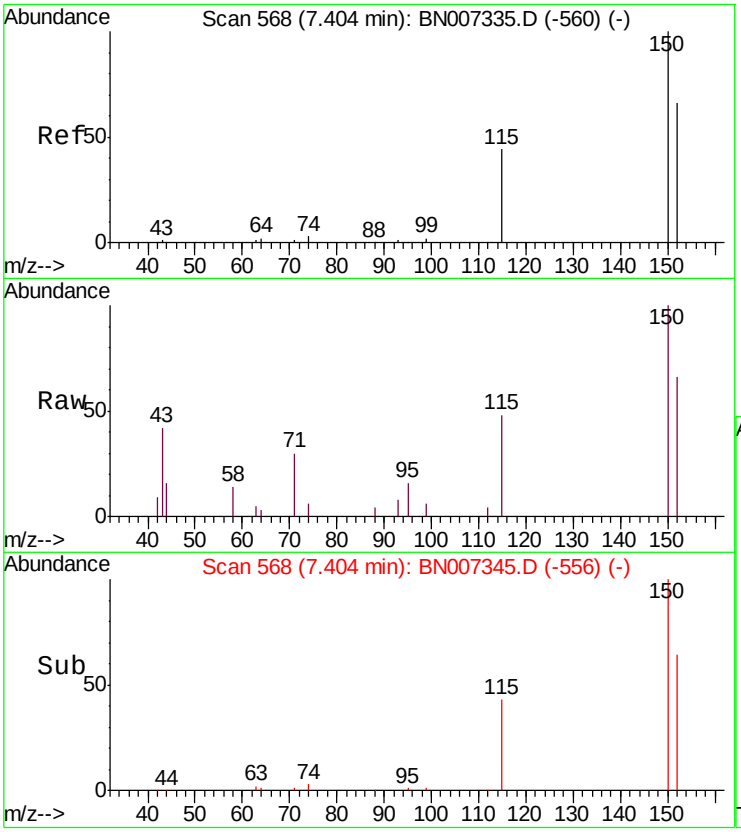
Quantitation Report (Not Reviewed)

Data File : BN007345.D
Acq On : 24 Aug 2019 02:13
Operator : HP/JU
Sample : K4471-14 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Quant Time: Aug 24 07:34:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



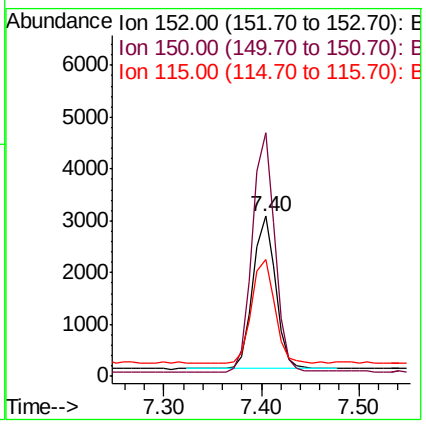


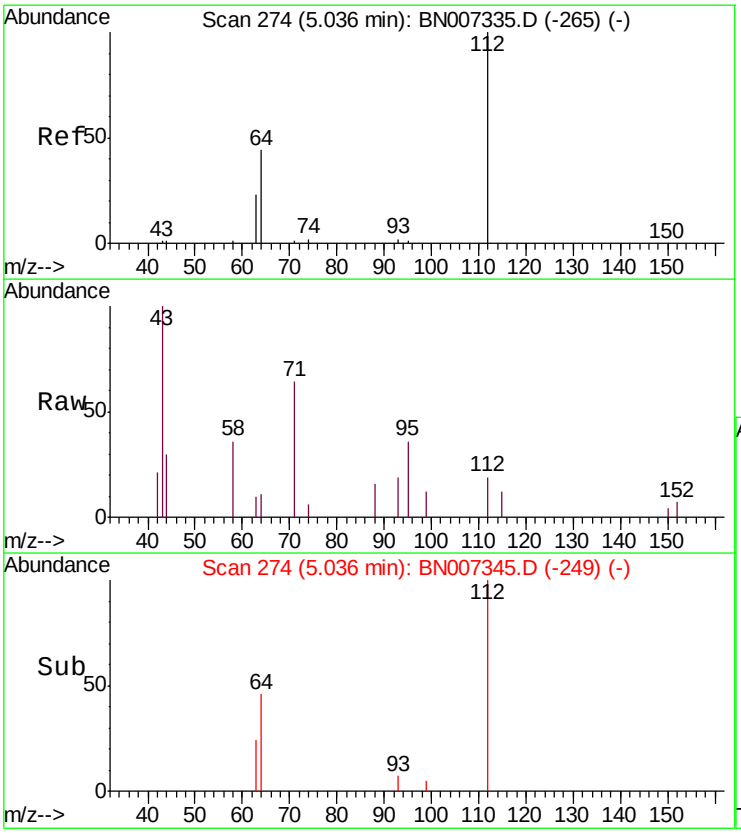
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:152 Resp: 4686

Ion	Ratio	Lower	Upper
152	100		
150	152.0	109.1	163.7
115	73.0	59.6	89.4

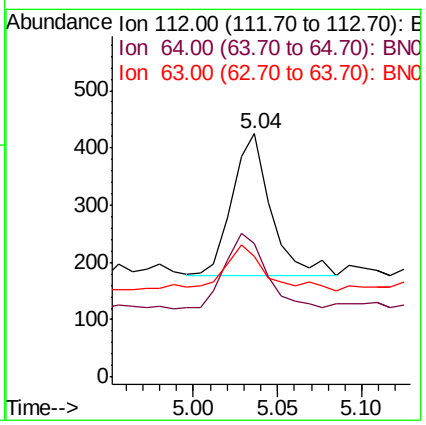


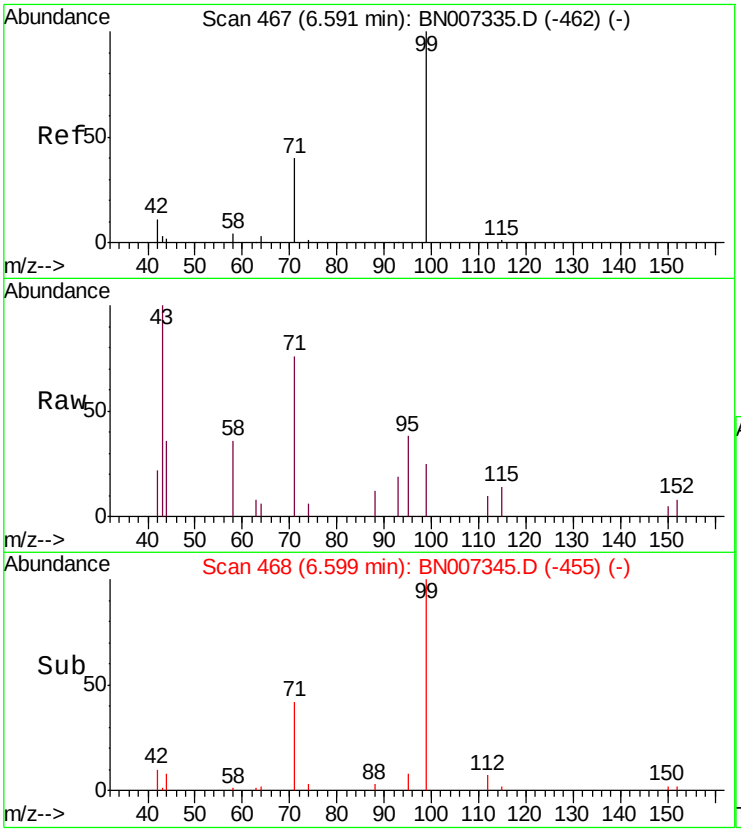


#4
2-Fluorophenol
Concen: -0.004 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:112 Resp: 396

Ion	Ratio	Lower	Upper
112	100		
64	58.3	42.3	63.5
63	37.6	23.6	35.4#



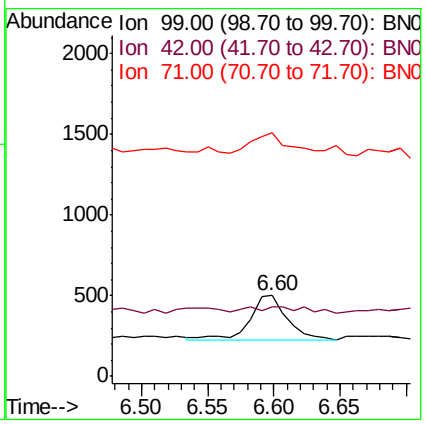


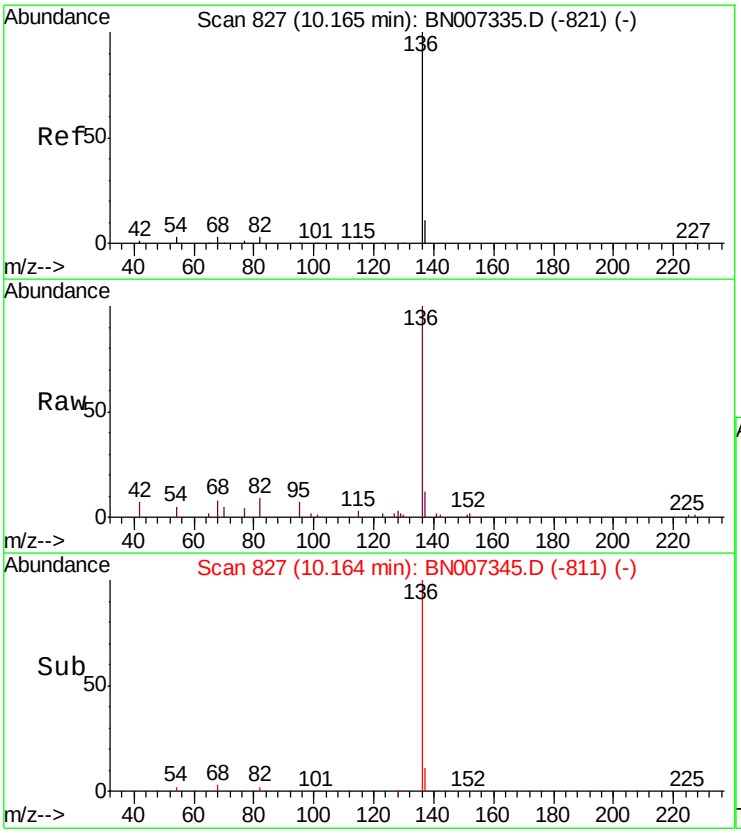
#5
Phenol-d6
Concen: -0.005 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.01 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion: 99 Resp: 531

Ion	Ratio	Lower	Upper
99	100		
42	12.4	11.2	16.8
71	61.0	31.8	47.8#

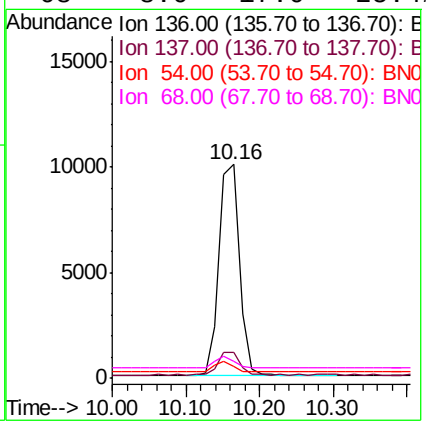


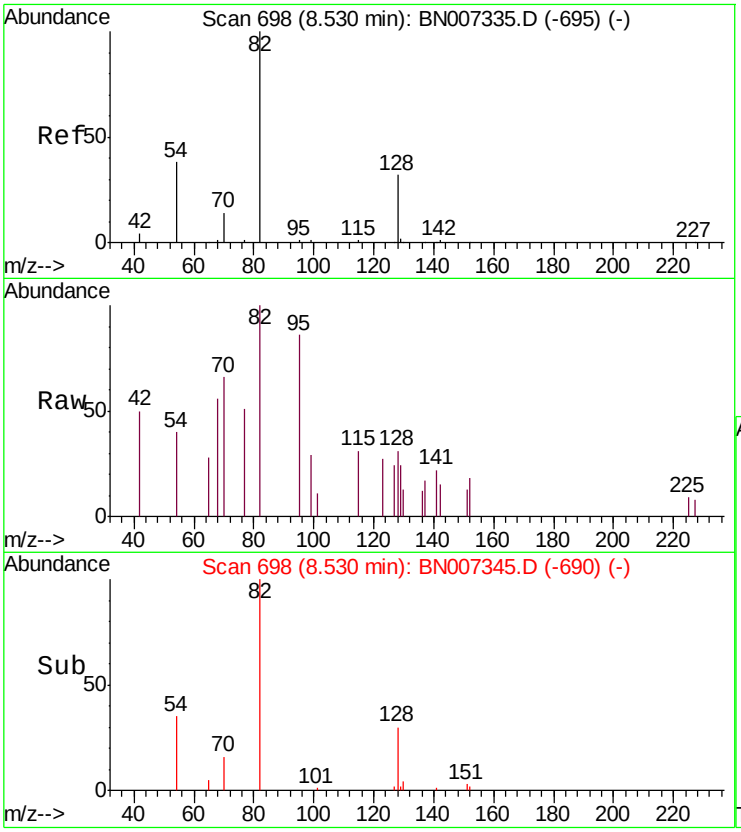


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:136 Resp: 19539

Ion	Ratio	Lower	Upper
136	100		
137	12.0	12.9	19.3#
54	5.4	8.6	12.8#
68	8.0	17.0	25.4#



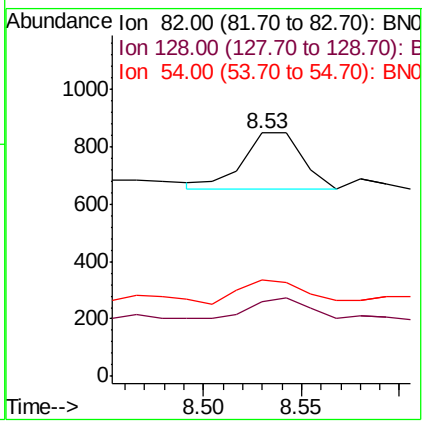


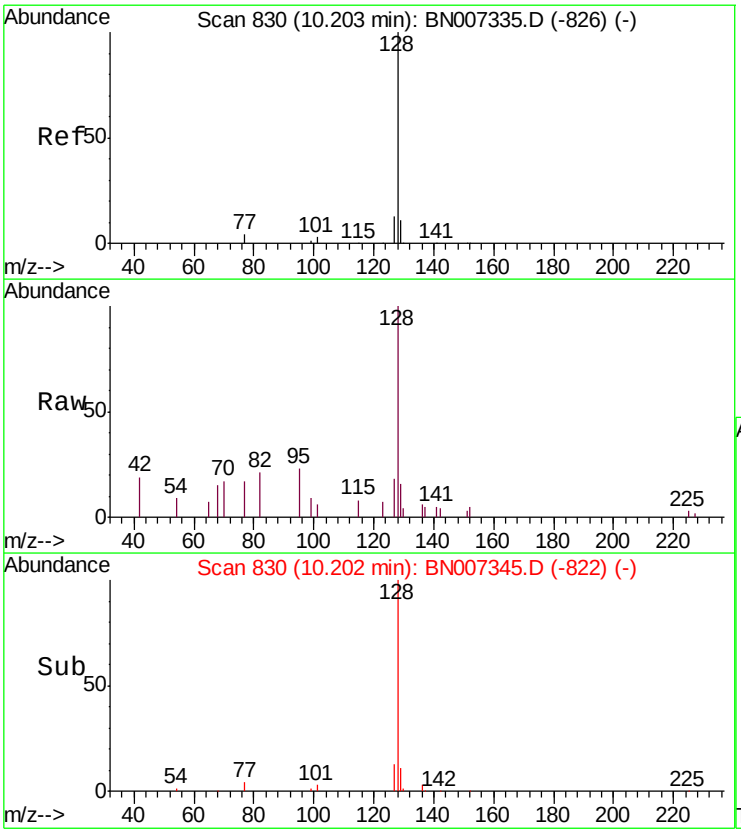
#8
Nitrobenzene-d5
Concen: 0.024 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion: 82 Resp: 404

Ion	Ratio	Lower	Upper
82	100		
128	30.6	19.7	29.5#
54	39.8	25.8	38.6#

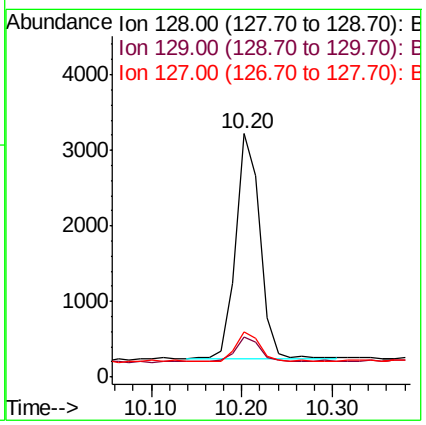


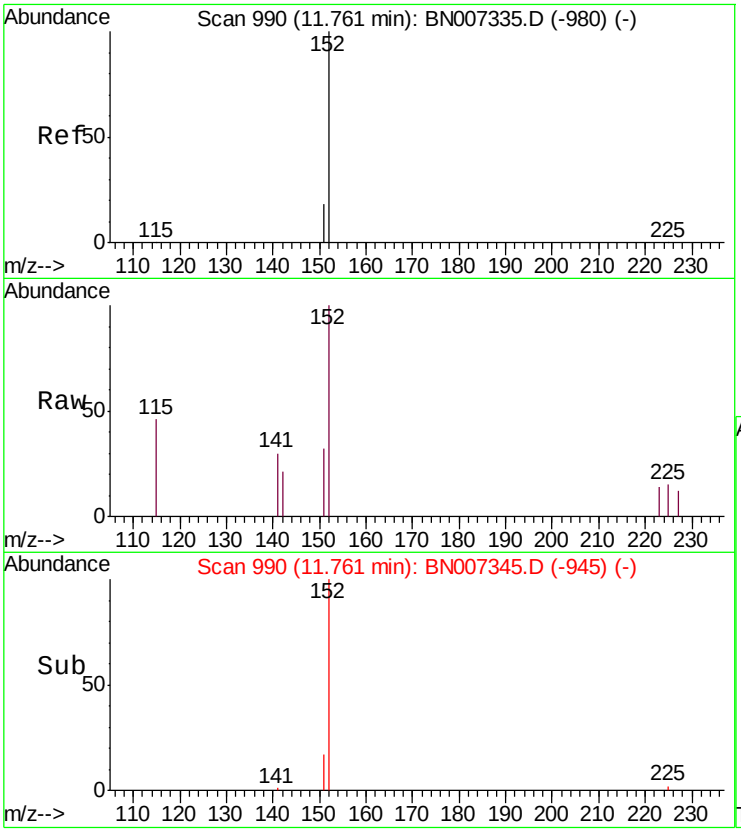


#9
Naphthalene
Concen: 0.099 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:128 Resp: 5504

Ion	Ratio	Lower	Upper
128	100		
129	16.3	11.1	16.7
127	18.4	15.5	23.3



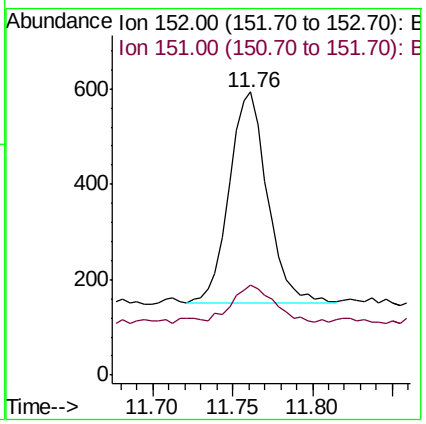


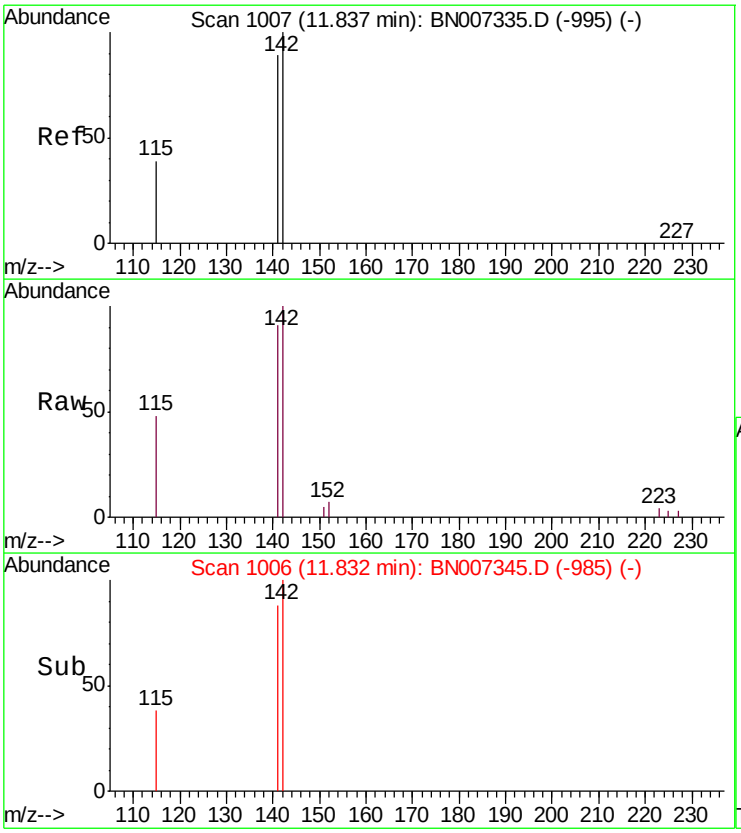
#11
2-Methylnaphthalene-d10
Concen: 0.023 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:152 Resp: 734

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2

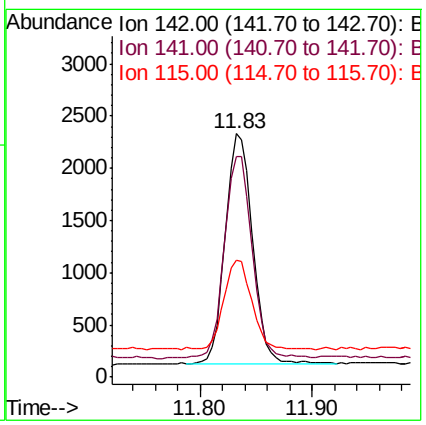


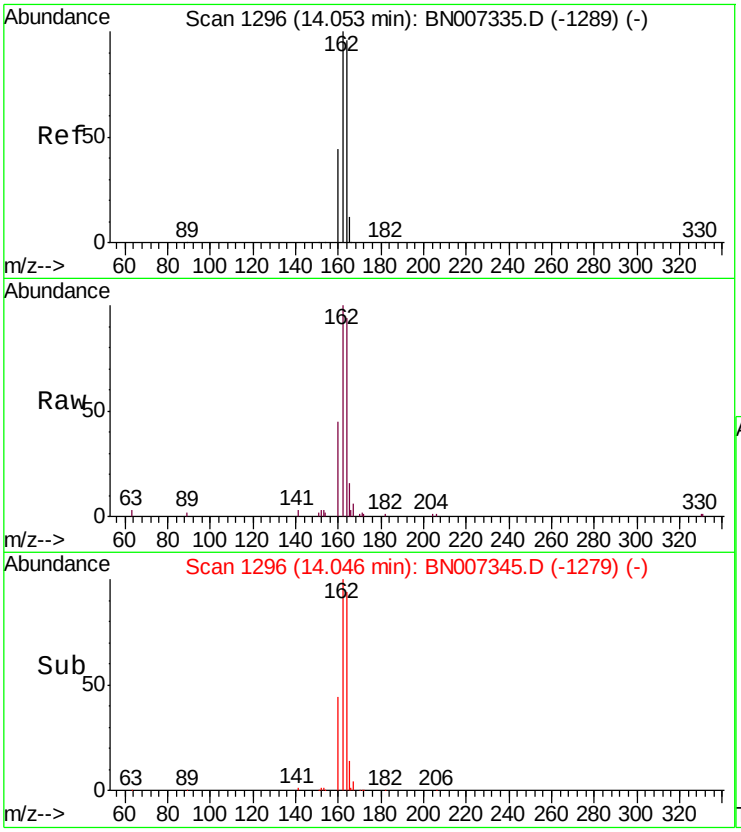


#12
2-Methylnaphthalene
Concen: 0.098 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:142 Resp: 3711

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.8	109.2
115	48.1	35.2	52.8



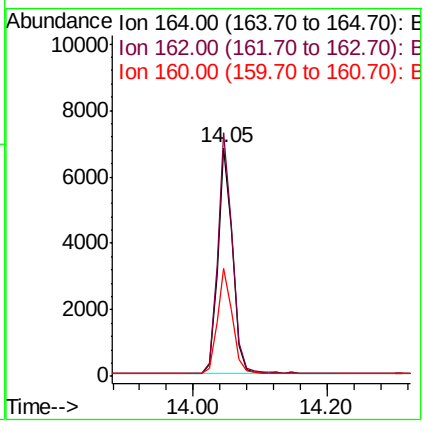


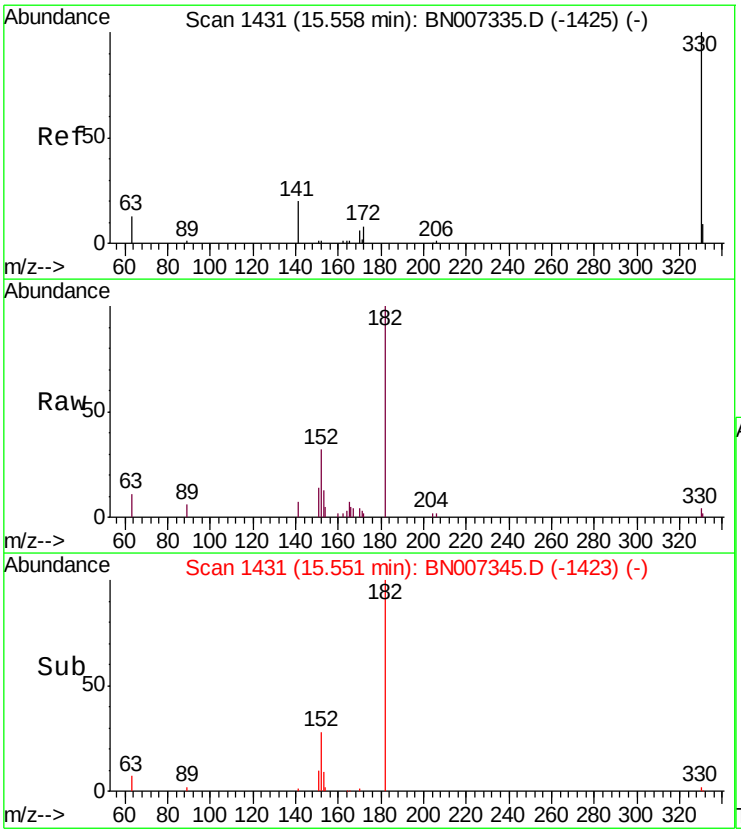
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:164 Resp: 10604

Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.5	125.3
160	47.4	38.2	57.4

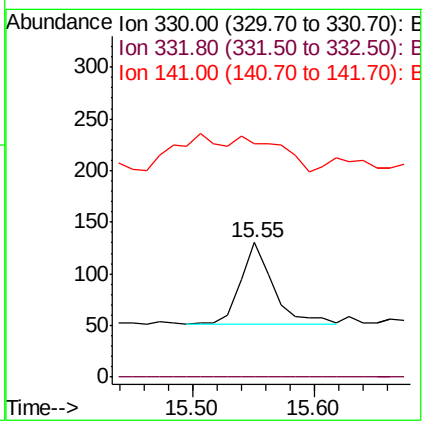


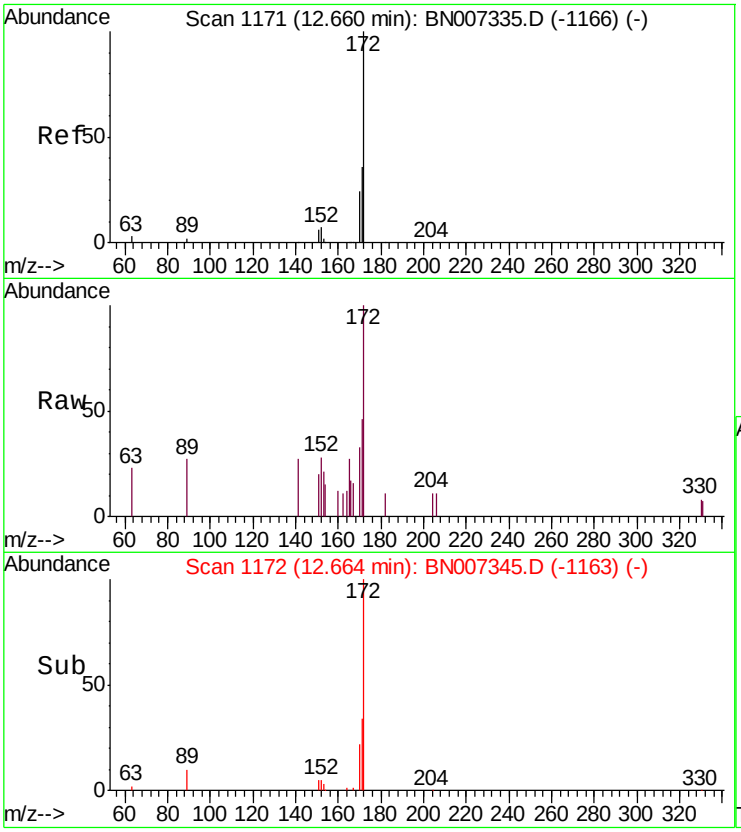


#14
2,4,6-Tribromophenol
Concen: 0.027 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:330 Resp: 150

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	26.9	40.3#



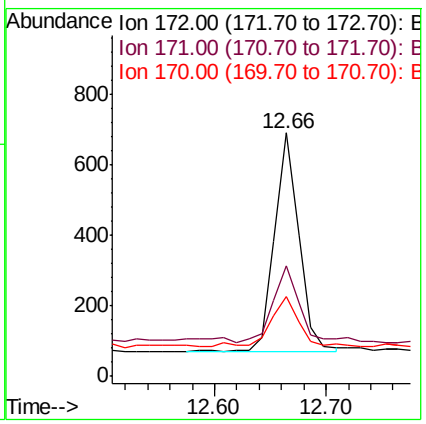


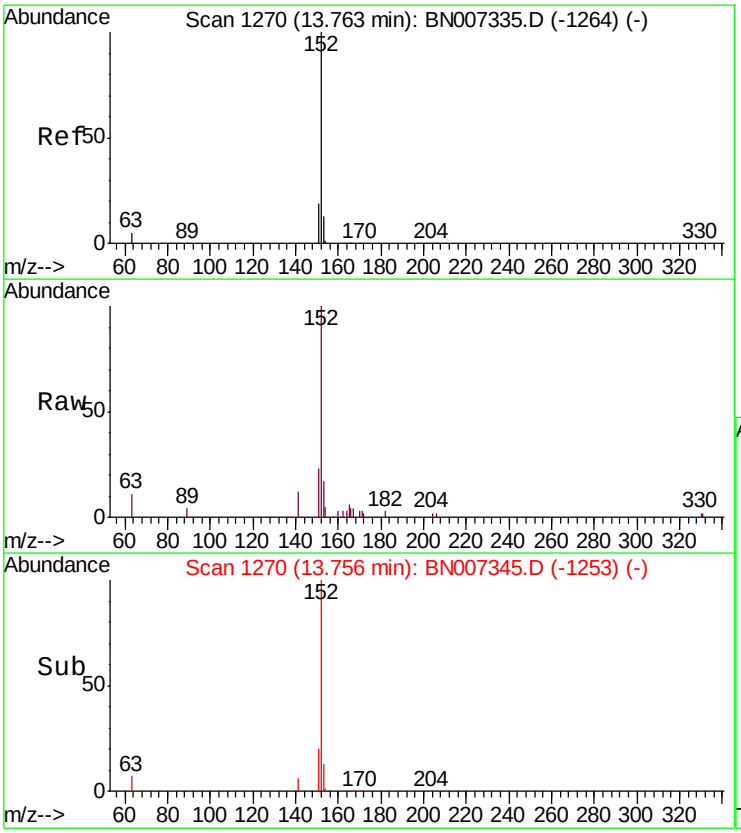
#15
2-Fluorobiphenyl
Concen: 0.022 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:172 Resp: 948

Ion	Ratio	Lower	Upper
172	100		
171	45.5	30.3	45.5#
170	32.8	20.7	31.1#

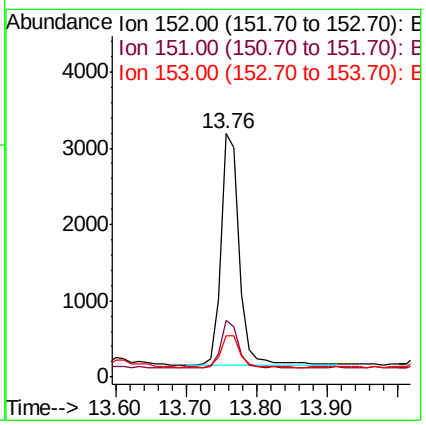


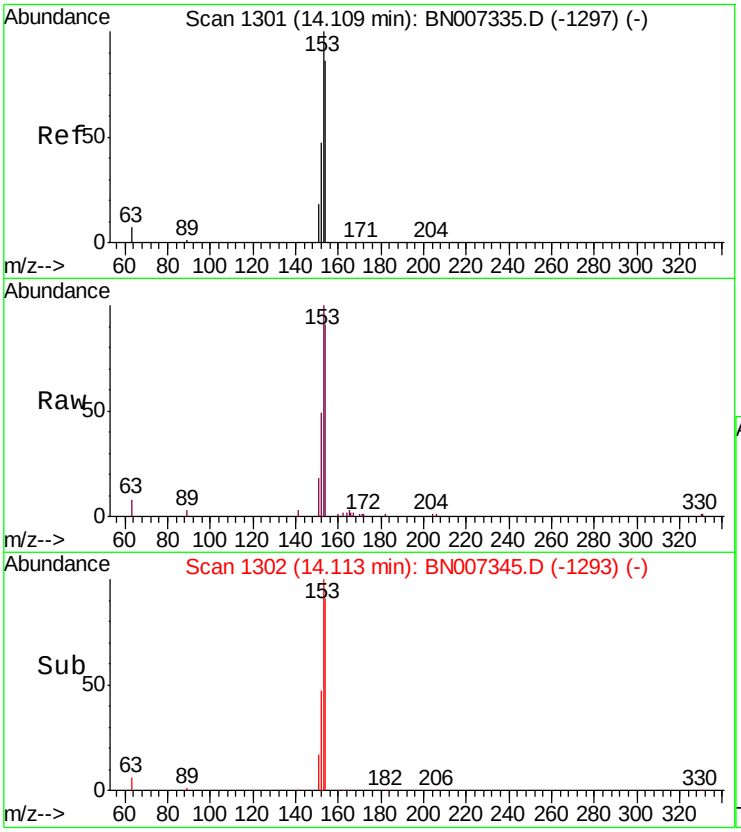


#16
Acenaphthylene
Concen: 0.089 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:152 Resp: 5569

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	14.5	10.6	15.8



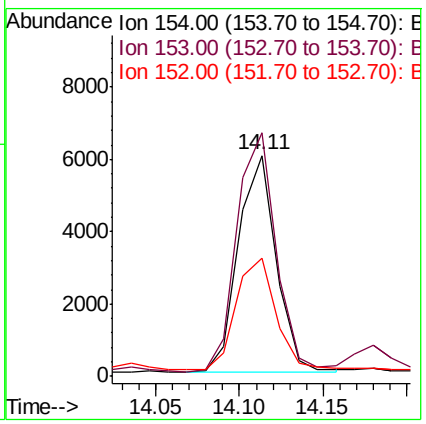


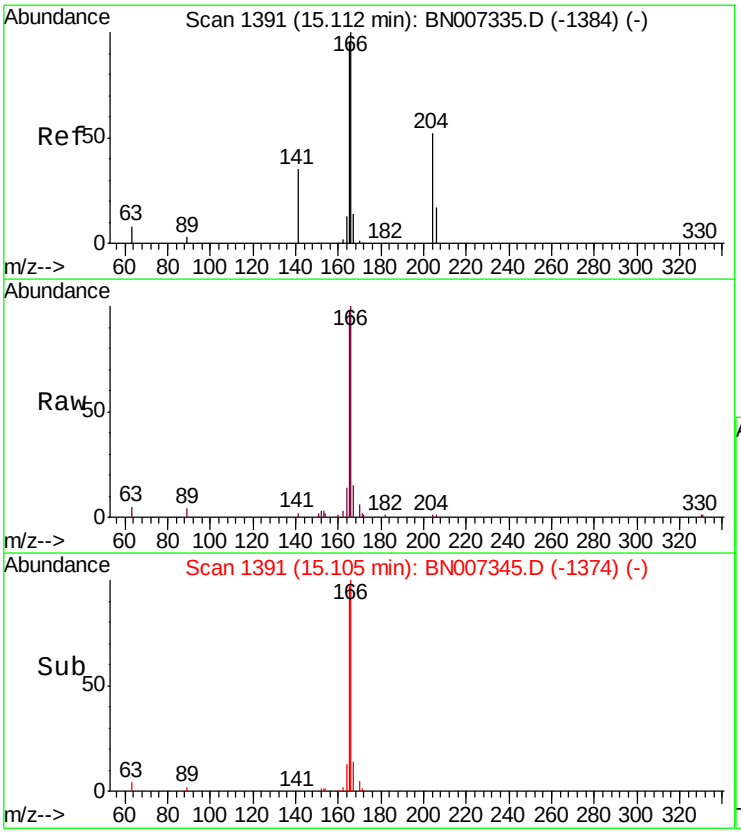
#17
Acenaphthene
Concen: 0.257 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:154 Resp: 9430

Ion	Ratio	Lower	Upper
154	100		
153	113.1	92.8	139.2
152	55.9	43.8	65.8

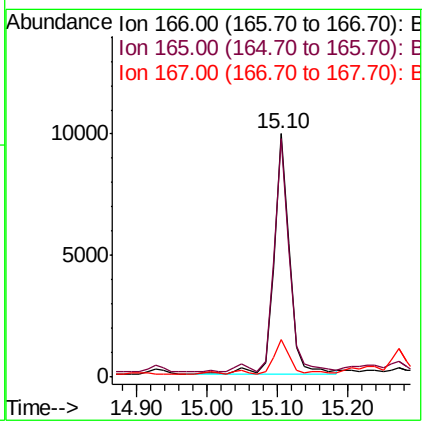


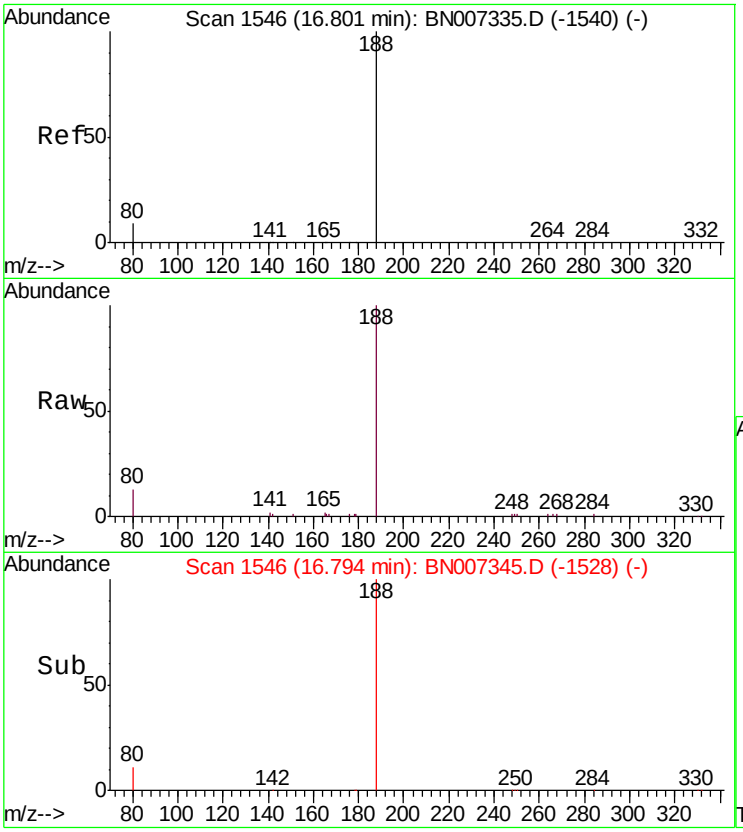


#18
Fluorene
Concen: 0.329 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:166 Resp: 15265

Ion	Ratio	Lower	Upper
166	100		
165	93.0	79.0	118.4
167	14.5	10.6	15.8



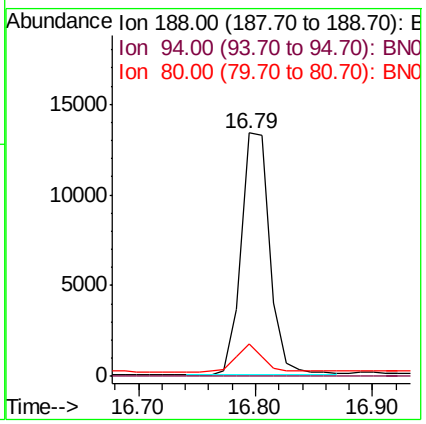


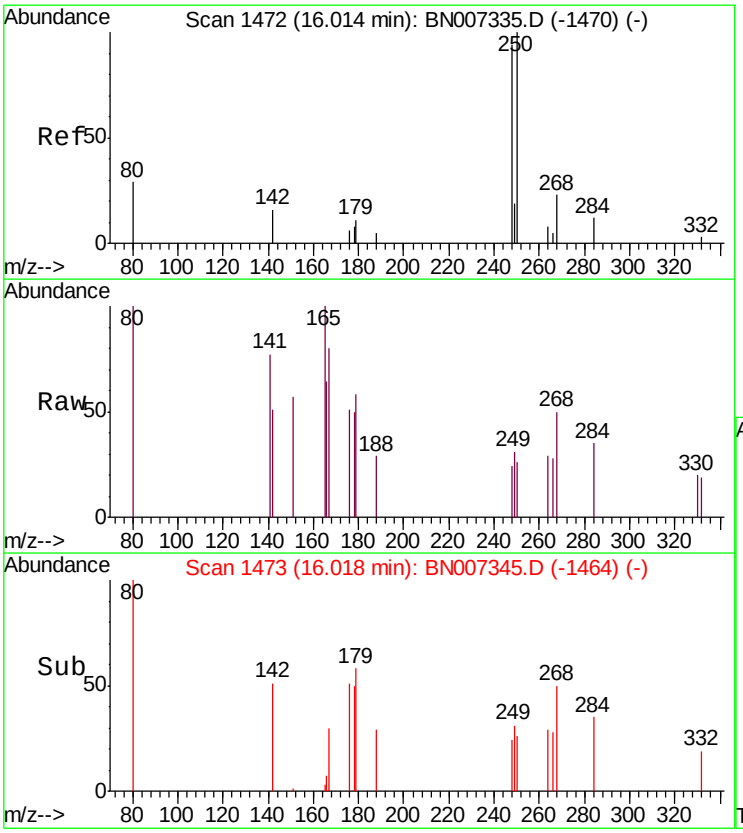
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:188 Resp: 22819

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	11.8	17.8

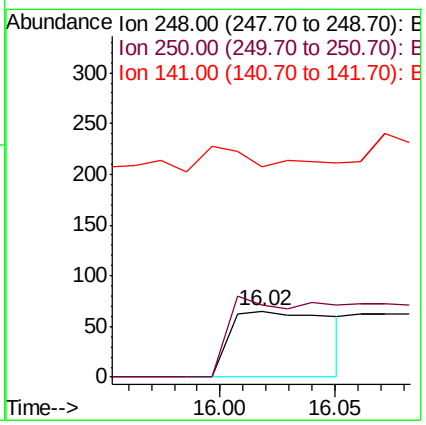


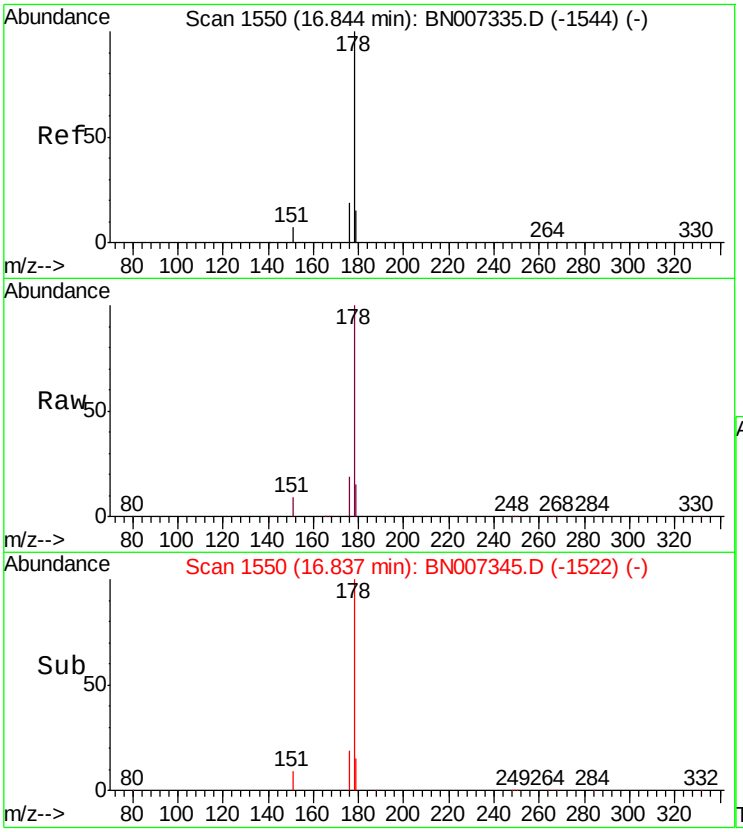


#20
4-Bromophenyl-phenylether
Concen: 0.022 ng
RT: 16.02 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:248 Resp: 201

Ion	Ratio	Lower	Upper
248	100		
250	109.2	85.0	127.6
141	320.0	51.7	77.5#



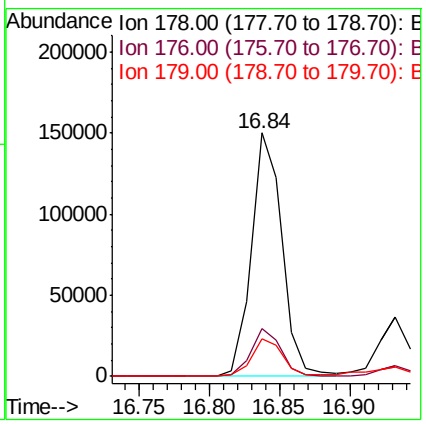


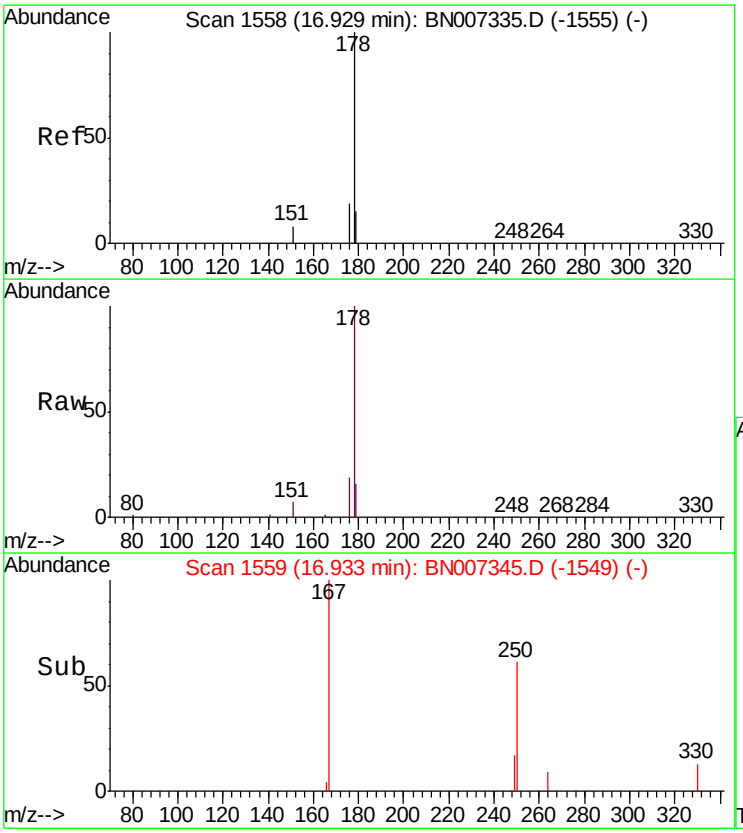
#23
Phenanthrene
Concen: 3.329 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:178 Resp: 228481

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.3	12.6	19.0

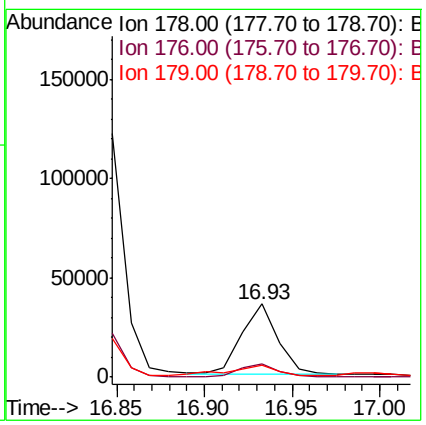


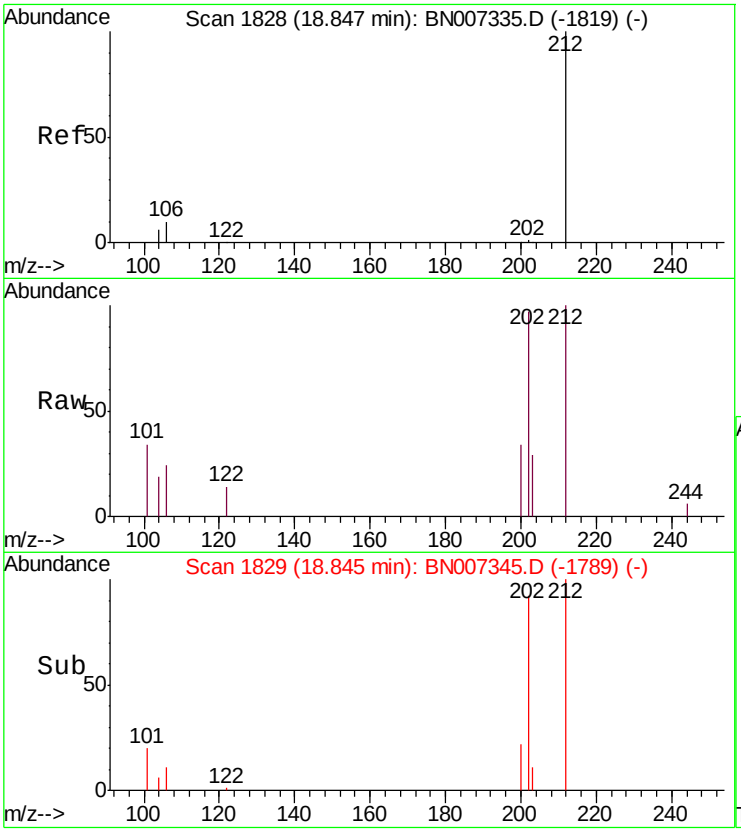


#24
Anthracene
Concen: 0.726 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:178 Resp: 50117

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.9	22.3
179	20.5	12.4	18.6#



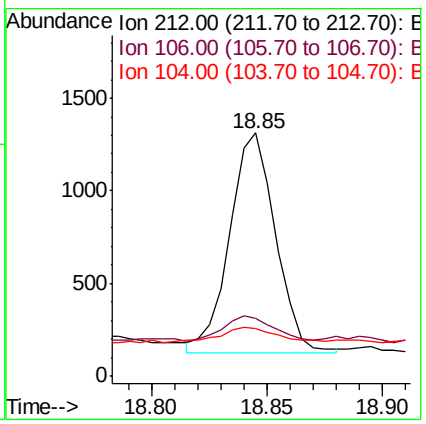


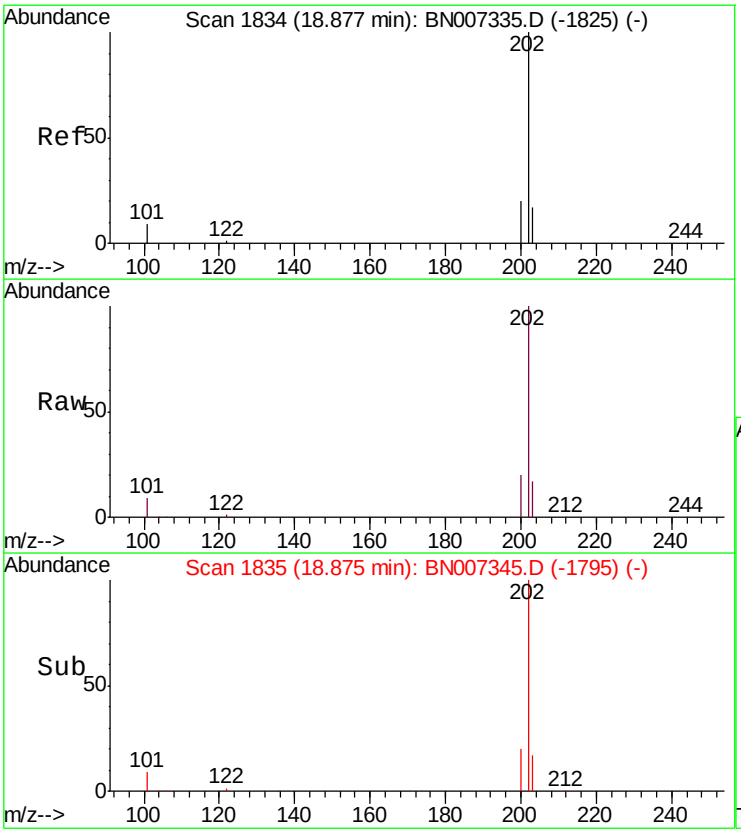
#25
Fluoranthene-d10
Concen: 0.022 ng
RT: 18.85 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:212 Resp: 1640

Ion	Ratio	Lower	Upper
212	100		
106	12.4	9.0	13.4
104	9.1	5.4	8.2#

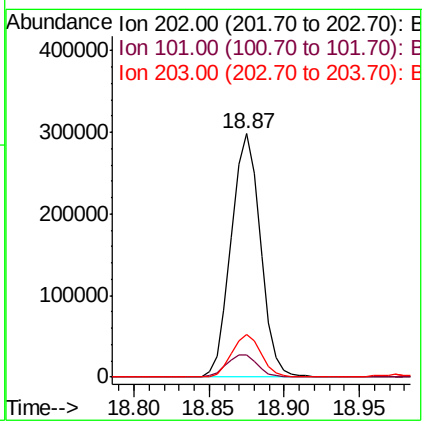


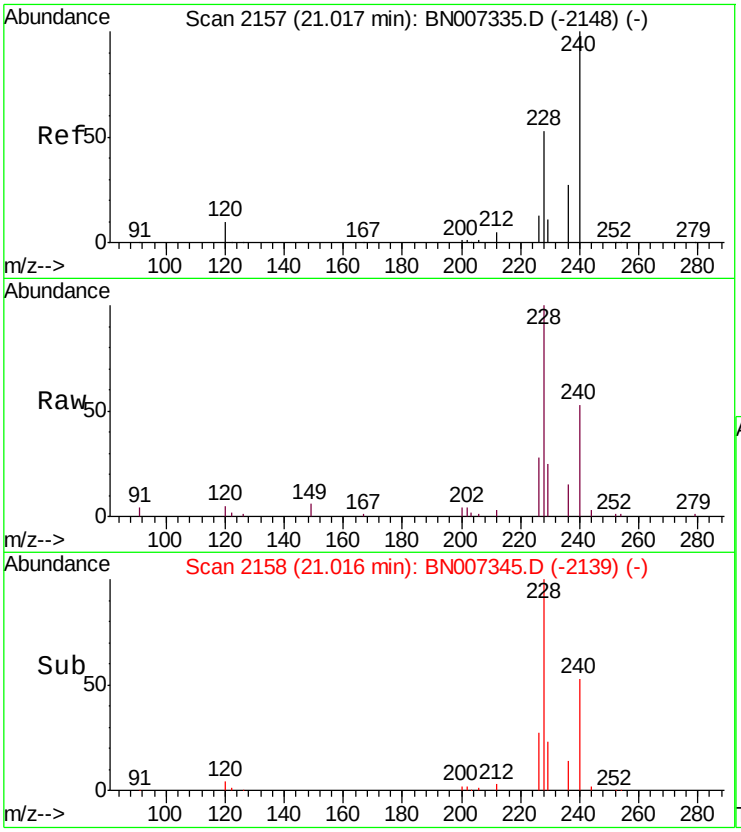


#26
Fluoranthene
Concen: 4.562 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:202 Resp: 402067

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.7	11.5
203	17.3	13.7	20.5



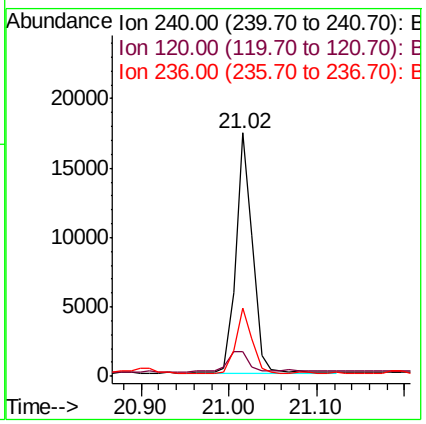


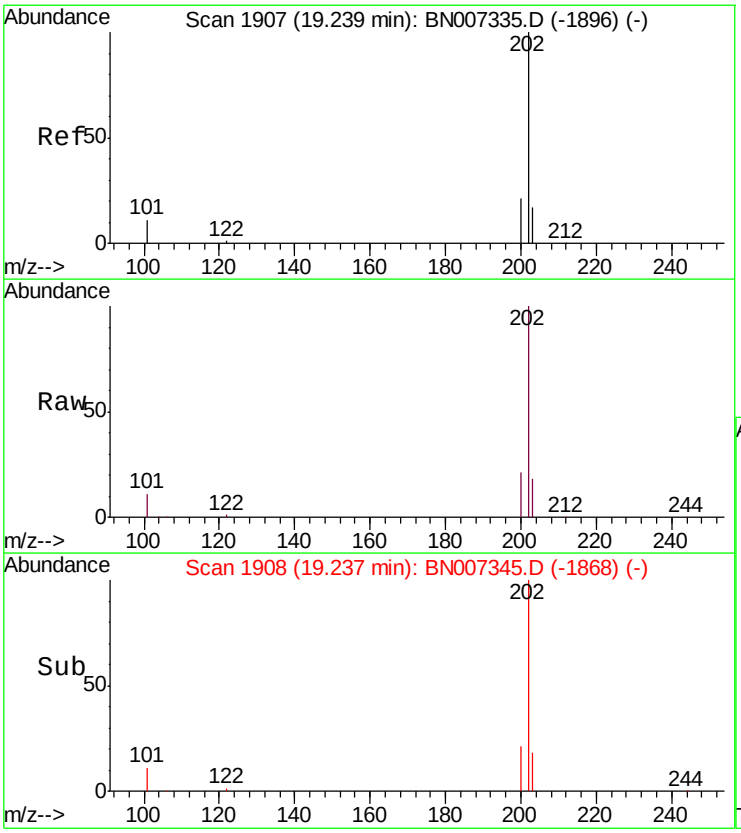
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:240 Resp: 22686

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.6	14.4
236	28.1	22.2	33.2

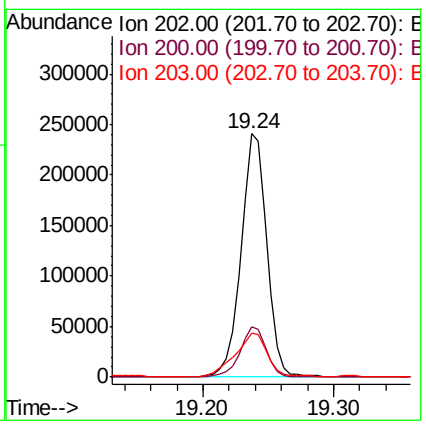


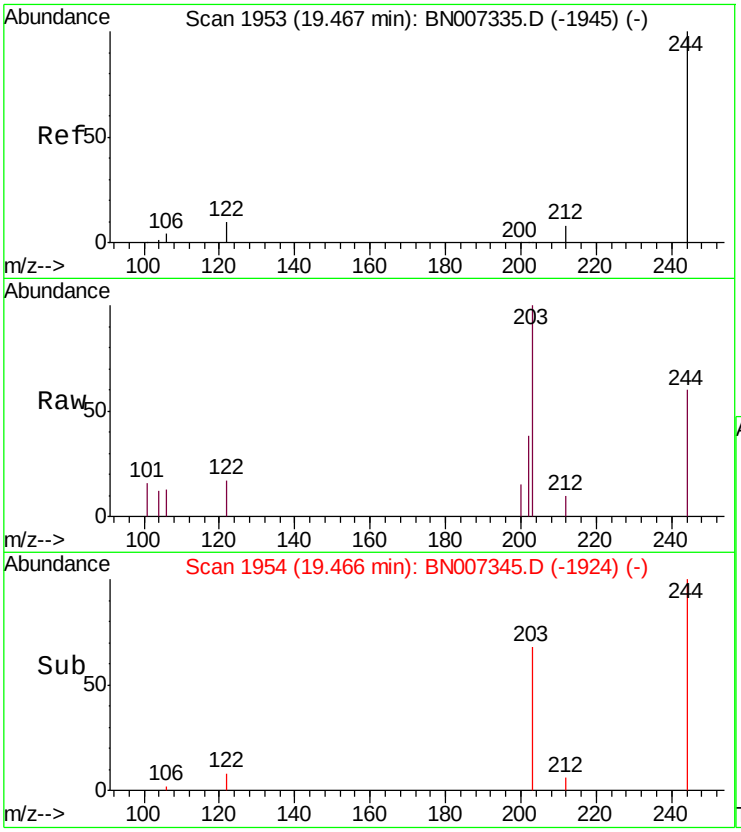


#28
Pyrene
Concen: 3.640 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:202 Resp: 332193

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	22.7	14.2	21.4#



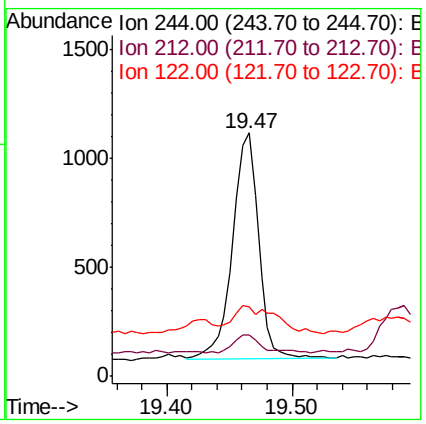


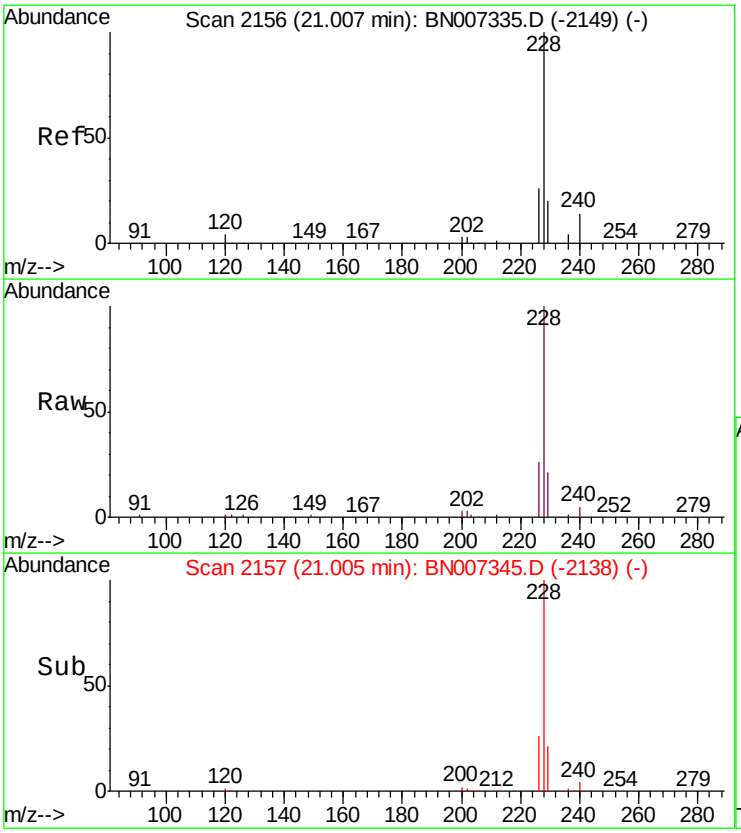
#29
Terphenyl-d14
Concen: 0.025 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:244 Resp: 1505

Ion	Ratio	Lower	Upper
244	100		
212	17.0	7.0	10.6#
122	28.4	9.6	14.4#

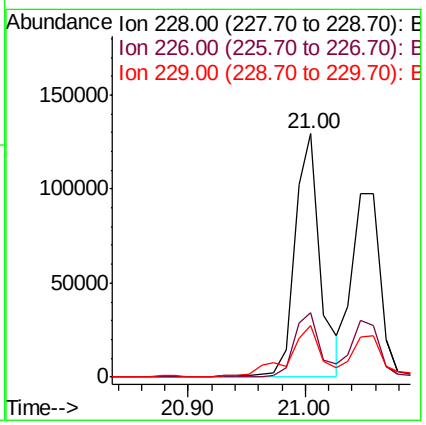


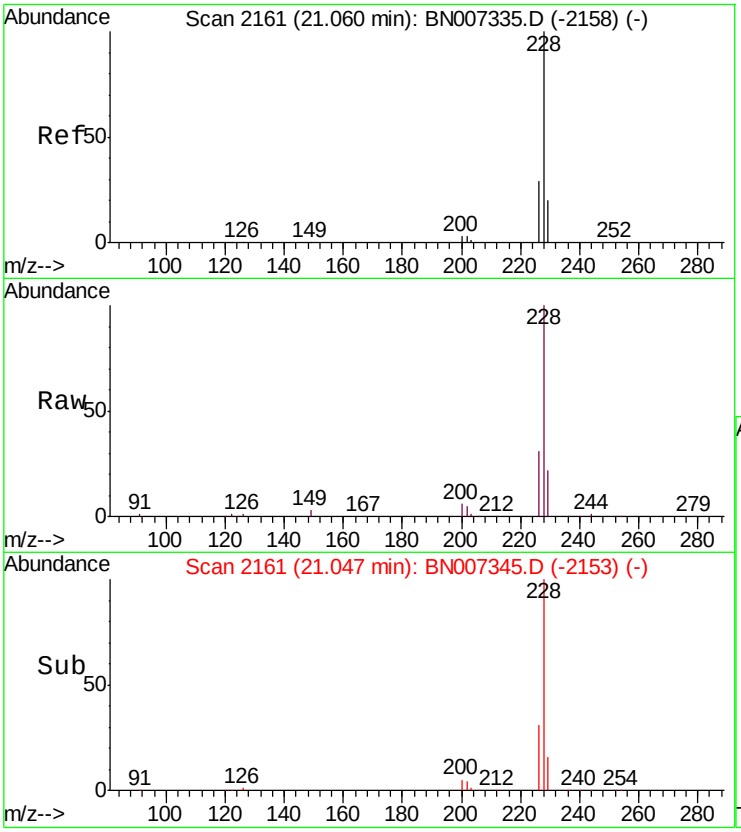


#30
Benzo(a)anthracene
Concen: 2.178 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:228 Resp: 194006

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	21.2	16.1	24.1



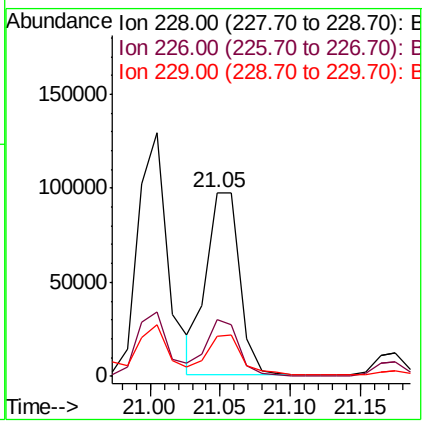


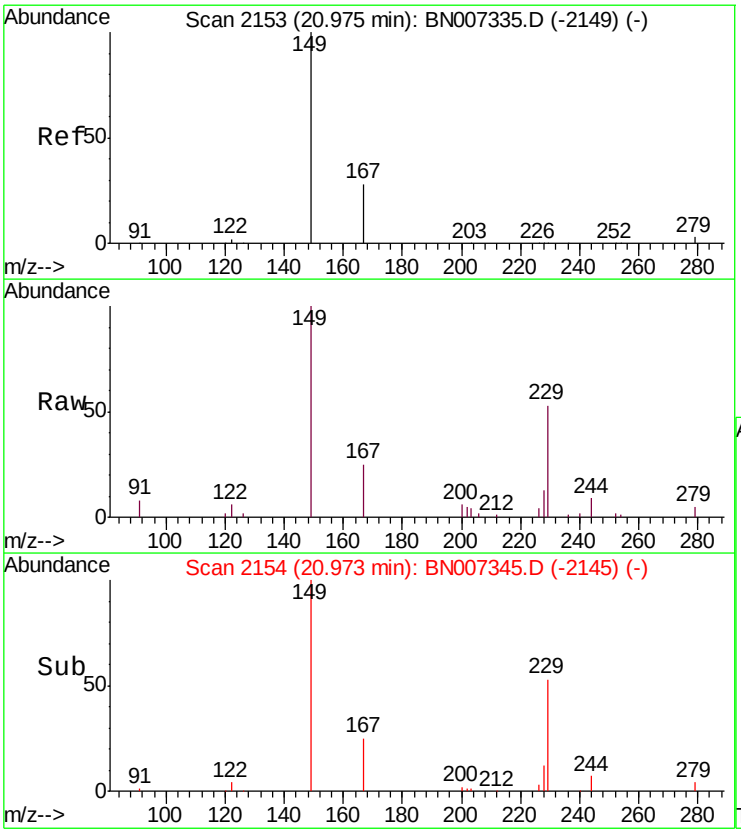
#31
Chrysene
Concen: 1.877 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:228 Resp: 161416

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	22.0	16.6	24.8

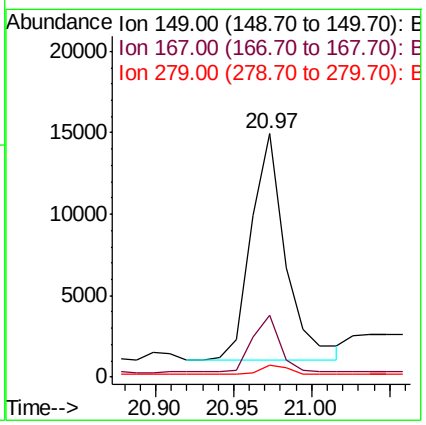


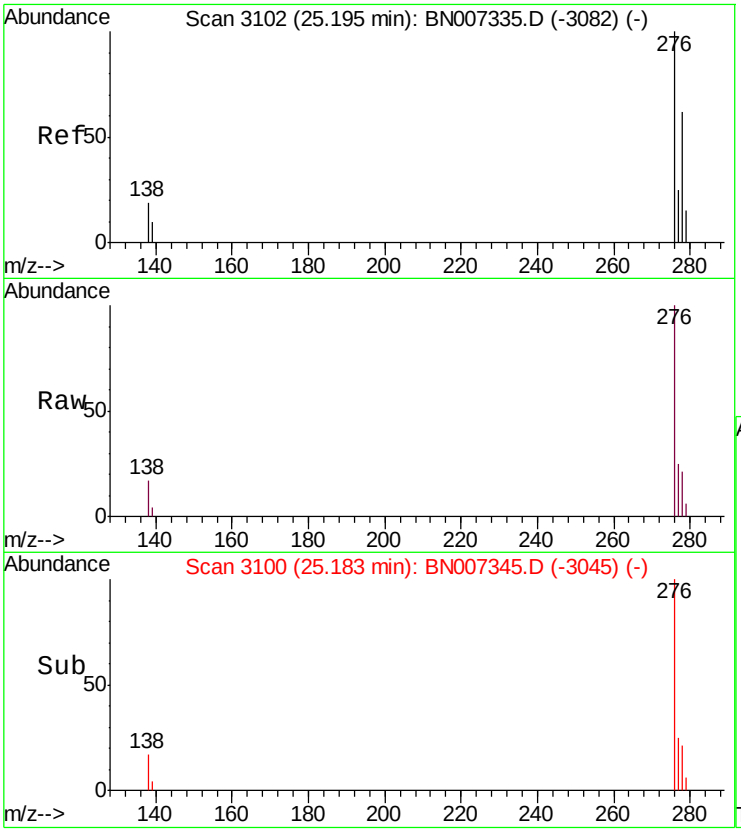


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.349 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:149 Resp: 21209

Ion	Ratio	Lower	Upper
149	100		
167	21.3	22.8	34.2#
279	3.4	3.5	5.3#



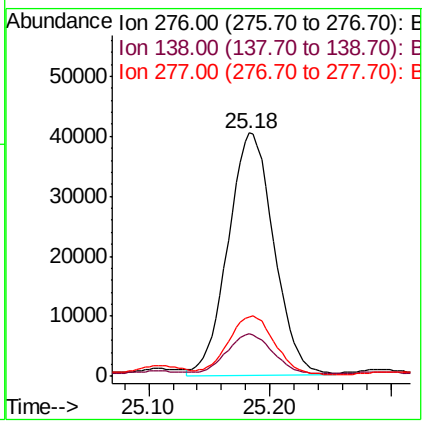


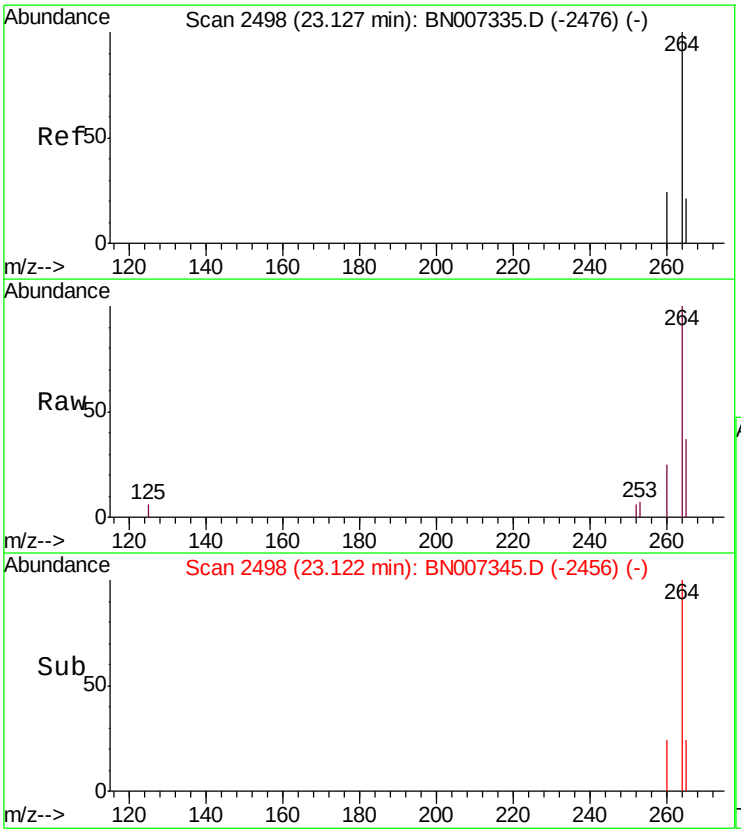
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.029 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:276 Resp: 106621

Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.1	22.7
277	25.1	19.7	29.5

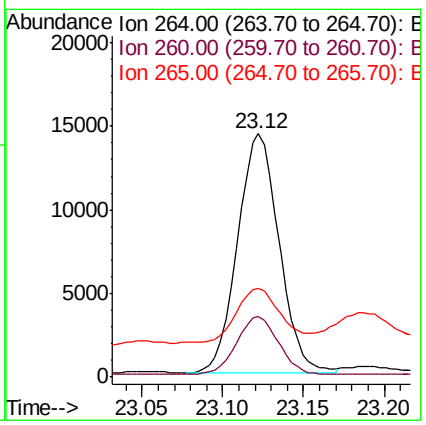


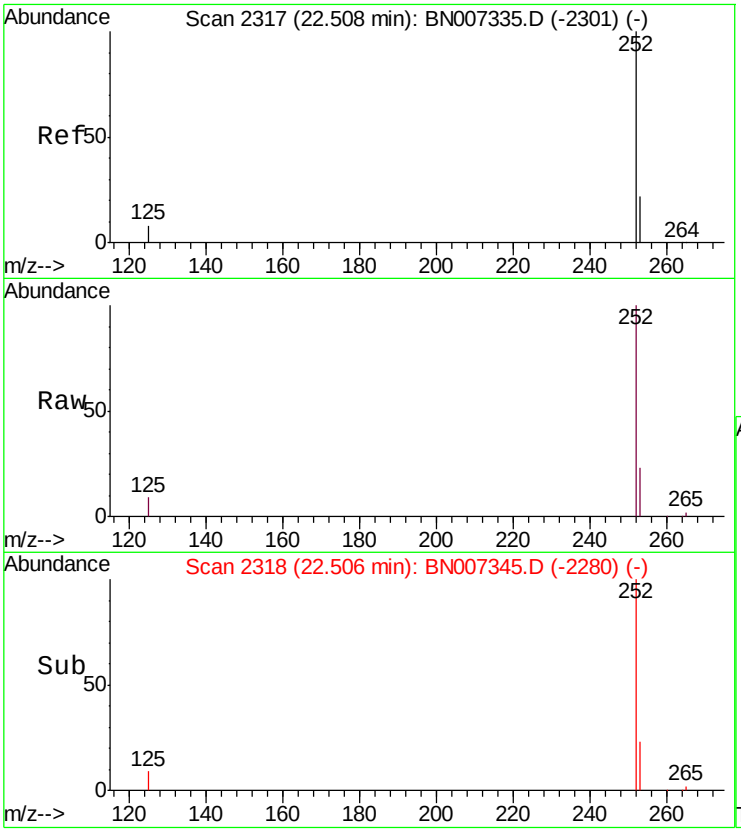


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:264 Resp: 25487

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	36.7	29.9	44.9



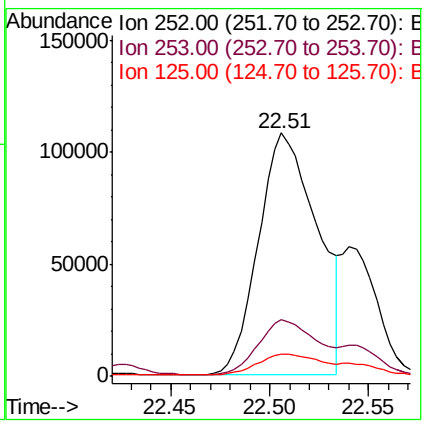


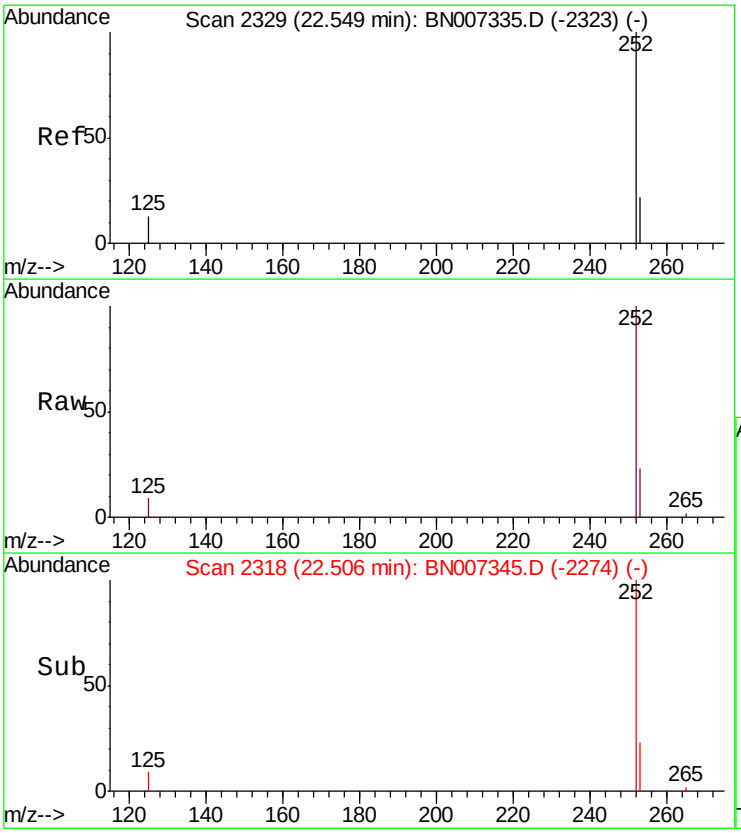
#35
Benzo(b)fluoranthene
Concen: 2.419 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:252 Resp: 223415

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	9.1	10.6	16.0#

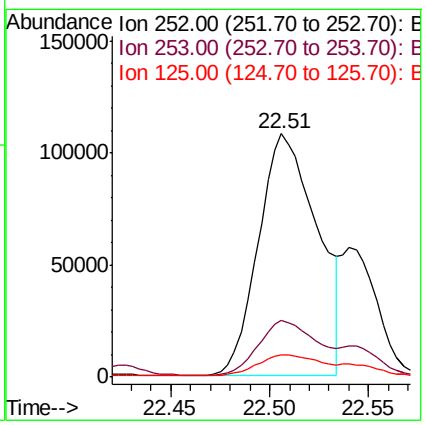


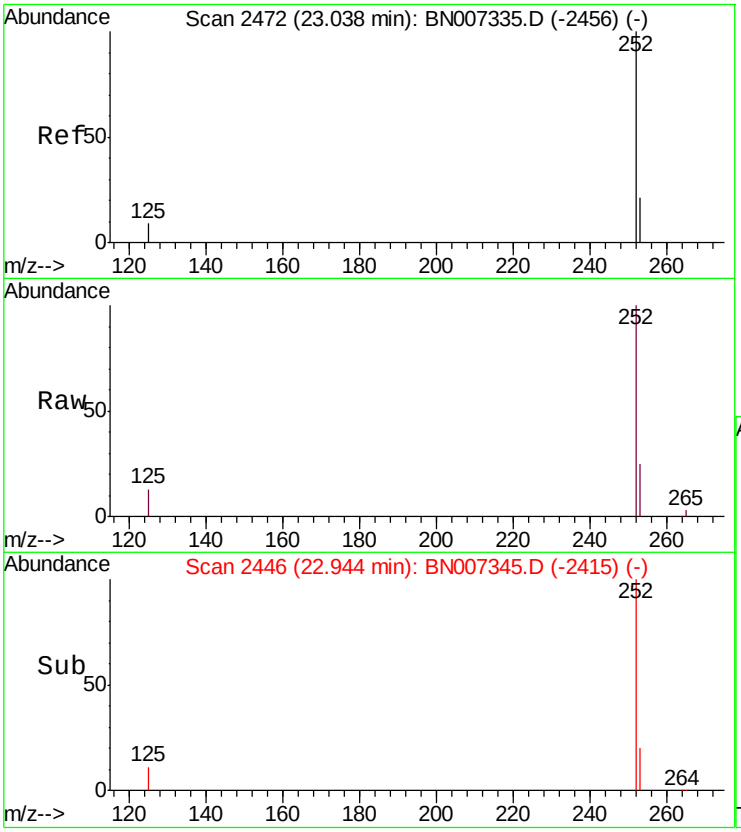


#36
Benzo(k)fluoranthene
Concen: 2.448 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.04 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:252 Resp: 223415

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.2
125	9.1	13.1	19.7#



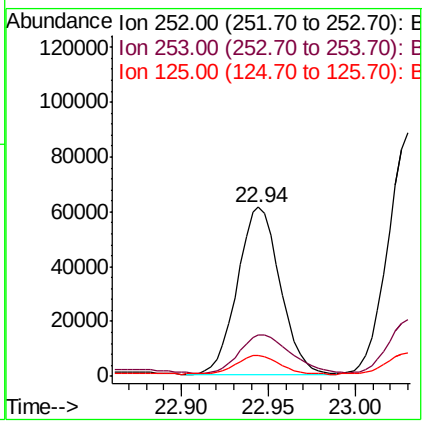


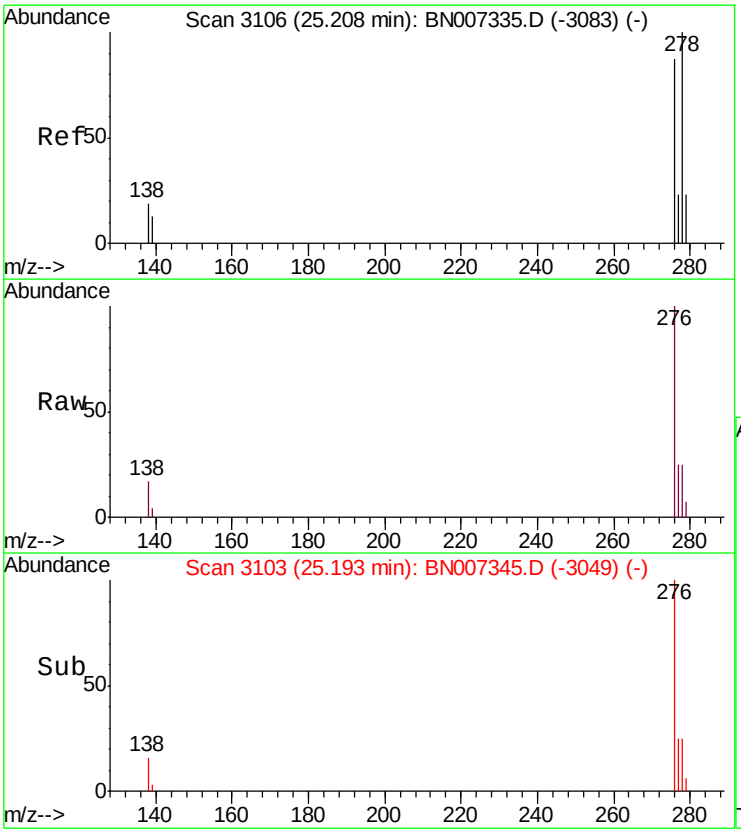
#37
Benzo(a)pyrene
Concen: 1.177 ng
RT: 22.94 min Scan# 2446
Delta R.T. -0.09 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:252 Resp: 103416

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.5	29.3
125	12.7	12.1	18.1

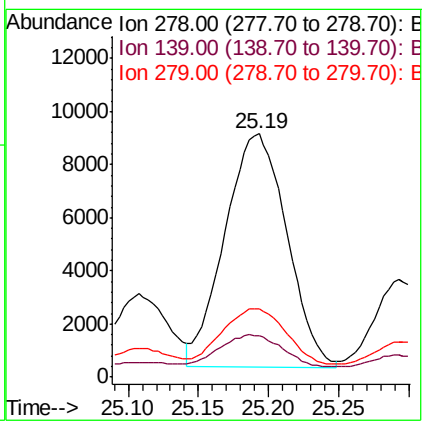


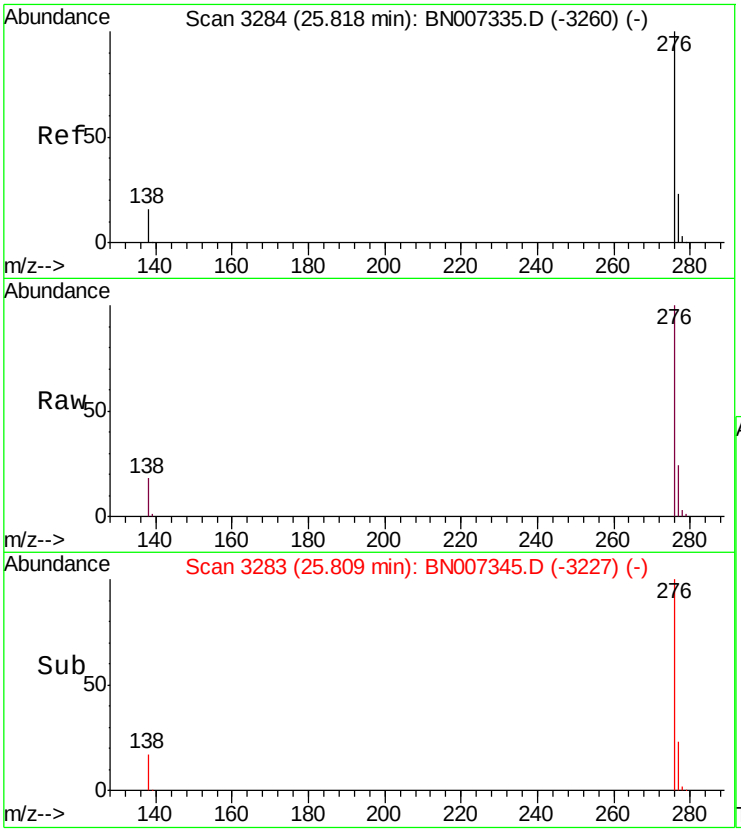


#38
Dibenzo(a,h)anthracene
Concen: 0.308 ng
RT: 25.19 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Tgt Ion:278 Resp: 26990

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.7	20.5
279	27.9	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 1.149 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN007345.D
Acq: 24 Aug 2019 02:13

Instrument :
BNA_N
ClientSampleId :
S704-N-0.0-0.5-082119-FD

Tgt Ion:276 Resp: 100403

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	17.5	16.3	24.5