Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007365.D
Acq On : 24 Aug 2019 16:07
Operator : HP/JU
Sample : K4470-11DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S703-N-0.0-0.5-082119DL

Quant Time: Aug 24 23:41:26 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	6002	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	25477	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	13887	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	30687	0.40	ng		0.00
27) Chrysene-d12	21.02	240	30891	0.40	ng		0.00
34) Perylene-d12	23.12	264	33384	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	408	-0.01	ng		0.00
5) Phenol-d6	6.60	99	493	-0.01	ng		0.00
8) Nitrobenzene-d5	8.54	82	326	0.01	ng		0.01
11) 2-Methylnaphthalene-d10	11.76	152	695	0.02	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	140	0.02	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	861	0.02	ng		0.00
25) Fluoranthene-d10	18.84	212	1391	0.01	ng		0.00
29) Terphenyl-d14	19.46	244	1093	0.01	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	2145	0.029	ng	#	93
16) Acenaphthylene	13.76	152	2339	0.028	ng		98
17) Acenaphthene	14.11	154	9233	0.192	ng		98
18) Fluorene	15.10	166	9803	0.161	ng		100
23) Phenanthrene	16.84	178	218454	2.367	ng		99
24) Anthracene	16.93	178	31318	0.337	ng	#	90
26) Fluoranthene	18.88	202	444002	3.746	ng		100
28) Pyrene	19.24	202	369050	2.970	ng	#	95
30) Benzo(a)anthracene	21.01	228	200096	1.649	ng		99
31) Chrysene	21.06	228	193456	1.652	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	3807	0.029	ng	#	92
33) Indeno(1,2,3-cd)pyrene	25.19	276	120297	0.853	ng		97
35) Benzo(b)fluoranthene	22.51	252	257981	2.133	ng	#	95
36) Benzo(k)fluoranthene	22.67	252	28968	0.242	ng		91
37) Benzo(a)pyrene	23.17	252	44966	0.391	ng		97
38) Dibenzo(a,h)anthracene	25.20	278	30332	0.264	ng	#	91
39) Benzo(g,h,i)perylene	25.82	276	116641	1.019	ng		96

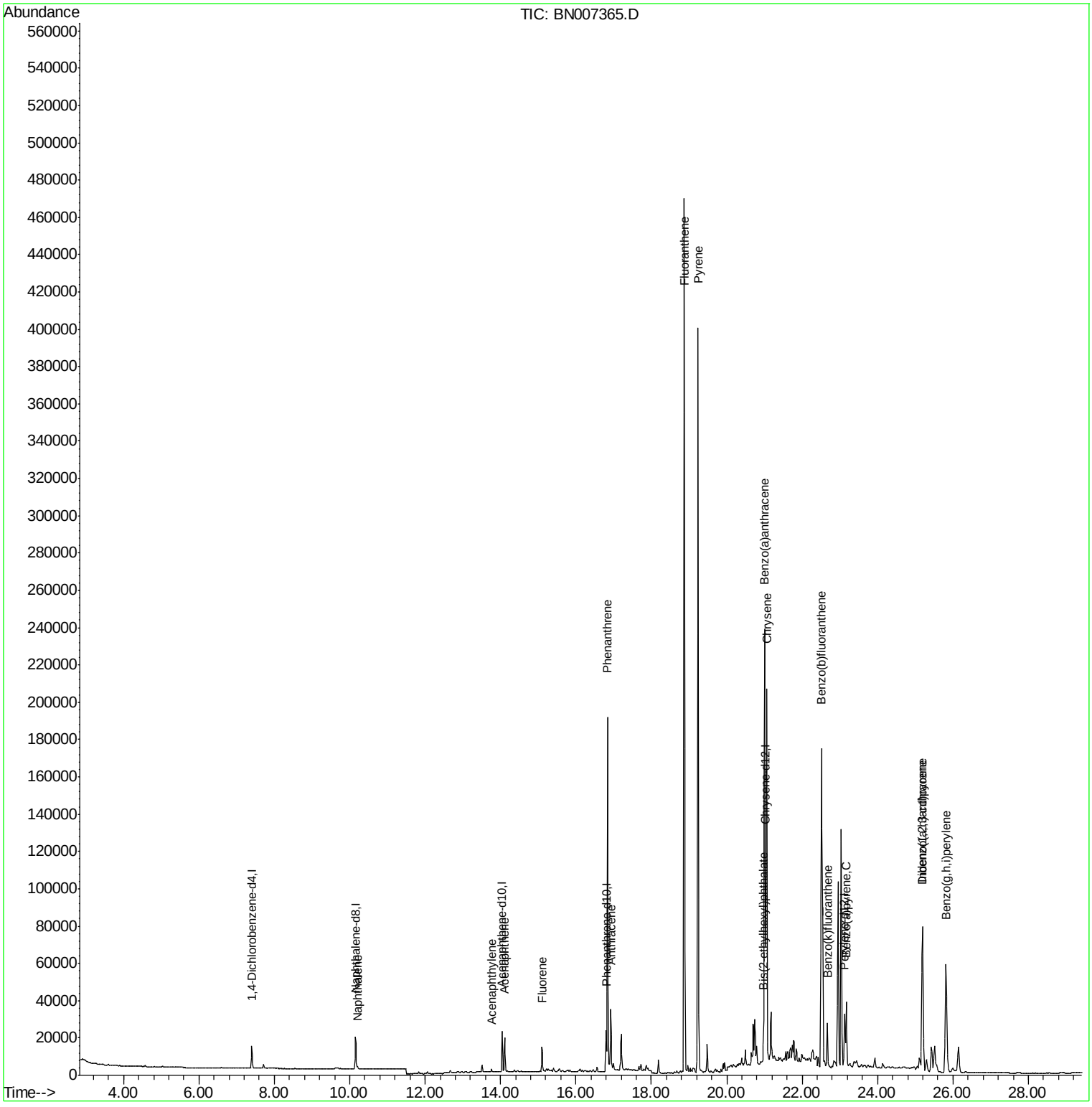
(#) = qualifier out of range (m) = manual integration (+) = signals summed

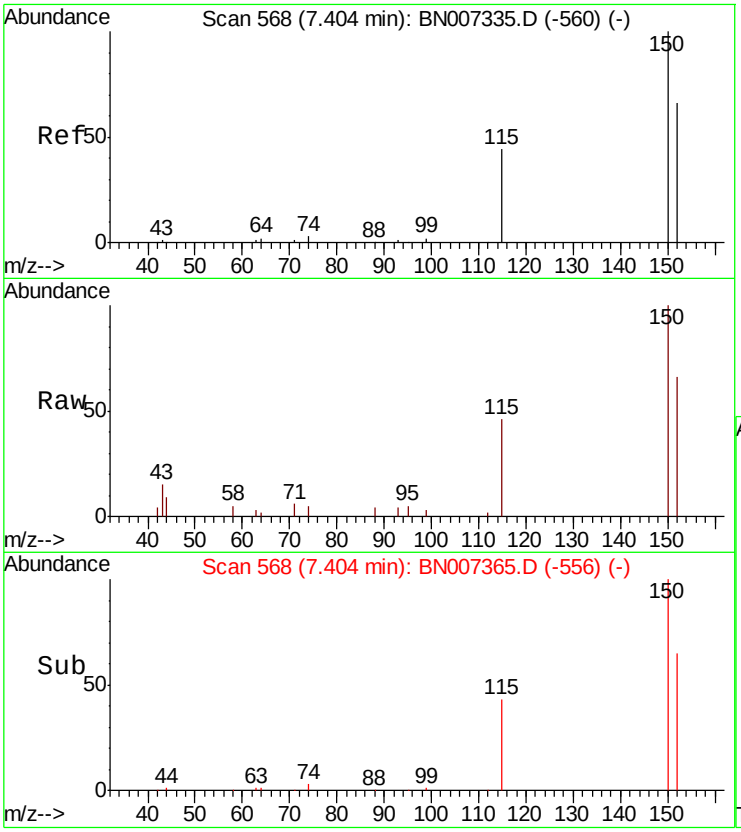
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007365.D
Acq On : 24 Aug 2019 16:07
Operator : HP/JU
Sample : K4470-11DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Quant Time: Aug 24 23:41:26 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



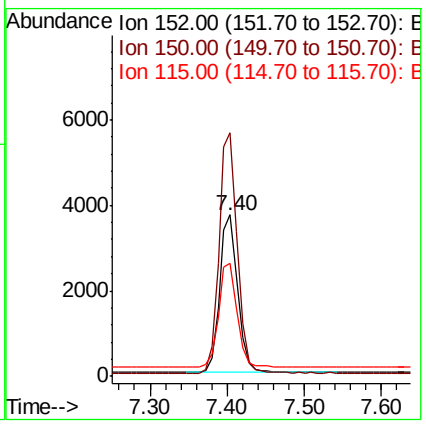


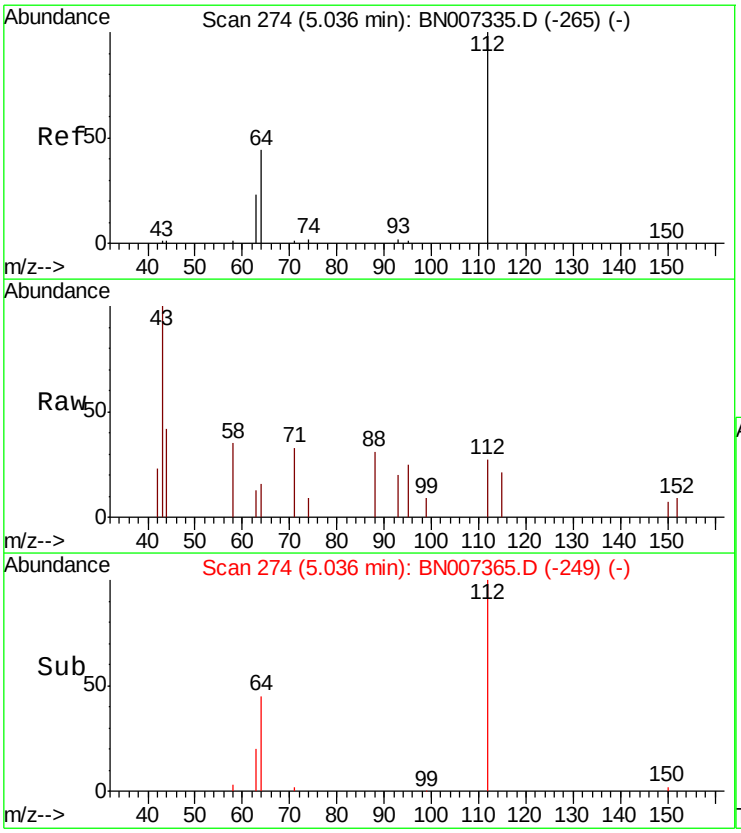
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:152 Resp: 6002

Ion	Ratio	Lower	Upper
152	100		
150	151.0	109.1	163.7
115	69.8	59.6	89.4

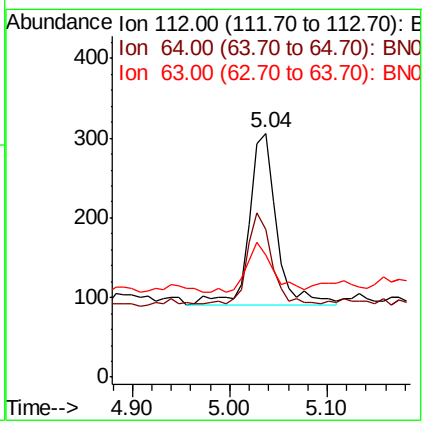


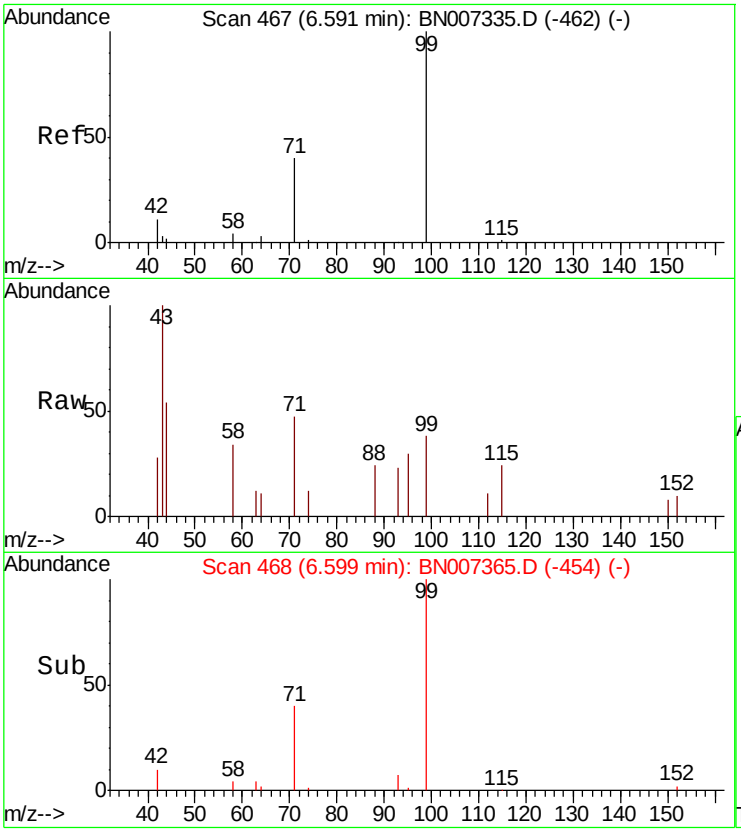


#4
2-Fluorophenol
Concen: -0.009 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:112 Resp: 408

Ion	Ratio	Lower	Upper
112	100		
64	46.6	42.3	63.5
63	27.5	23.6	35.4



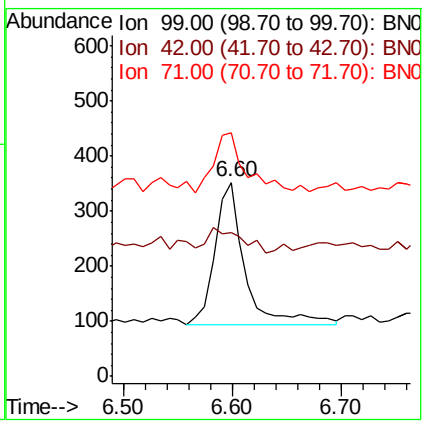


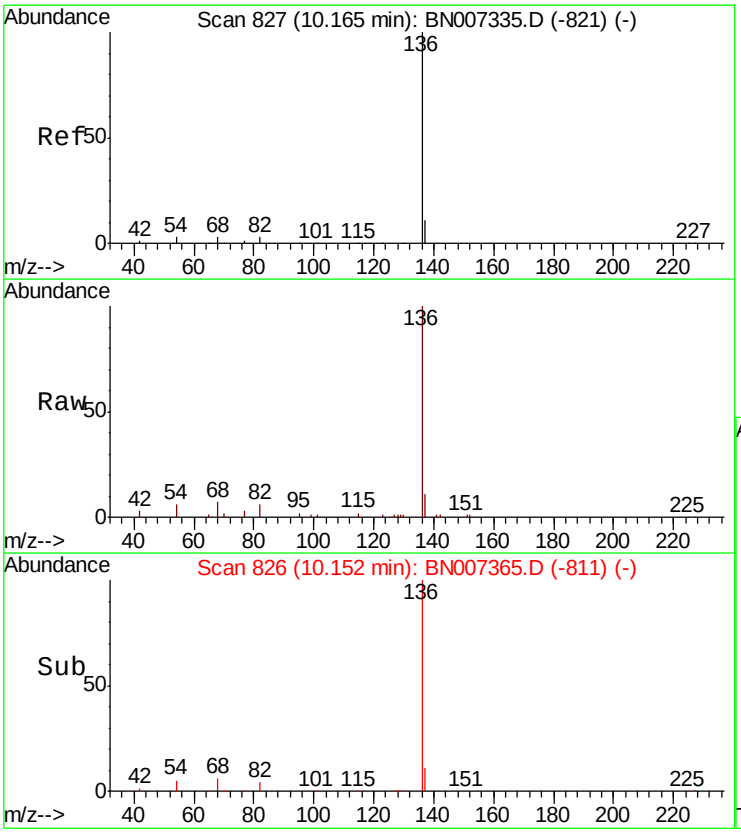
#5
Phenol-d6
Concen: -0.013 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.01 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion: 99 Resp: 493

Ion	Ratio	Lower	Upper
99	100		
42	17.0	11.2	16.8#
71	43.0	31.8	47.8

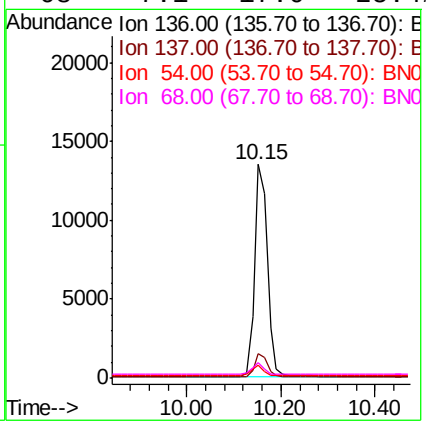


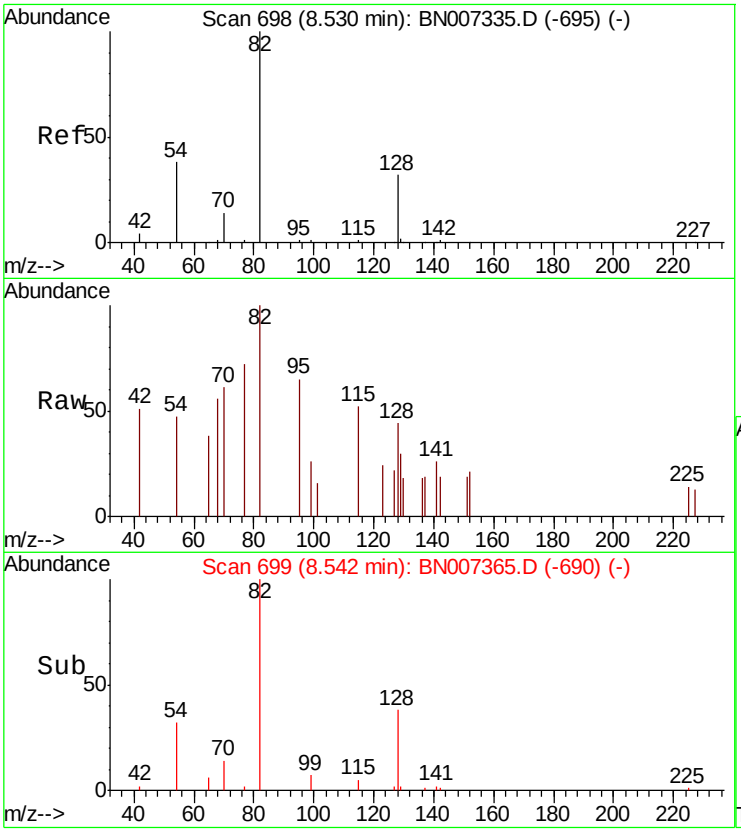


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:136 Resp: 25477

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	6.0	8.6	12.8#
68	7.1	17.0	25.4#



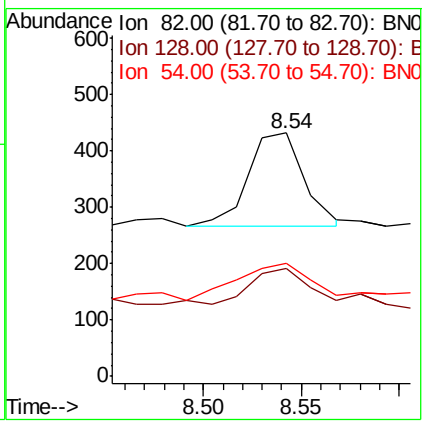


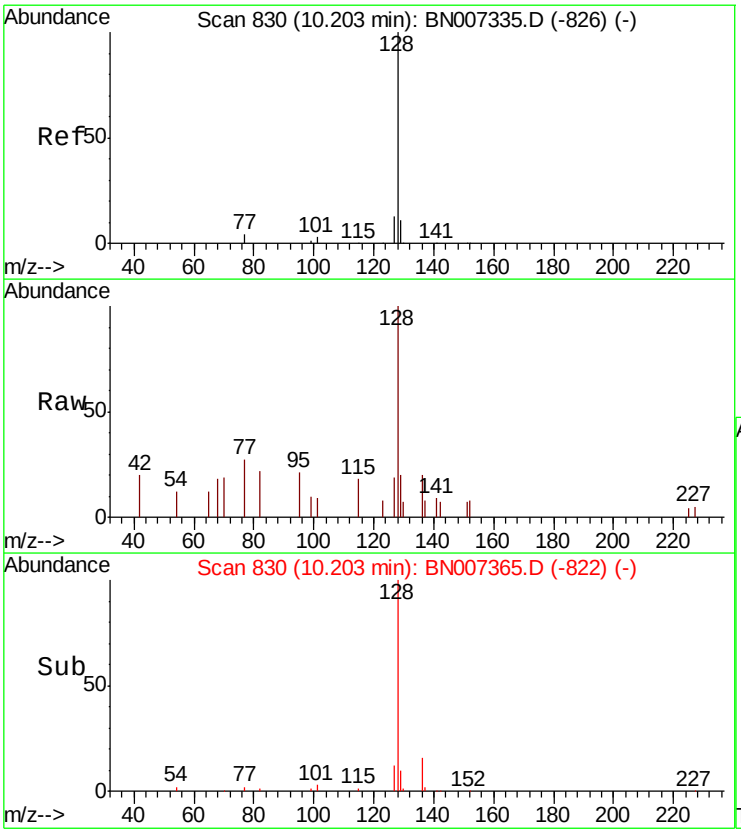
#8
Nitrobenzene-d5
Concen: 0.015 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.01 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion: 82 Resp: 326

Ion	Ratio	Lower	Upper
82	100		
128	44.2	19.7	29.5#
54	46.5	25.8	38.6#

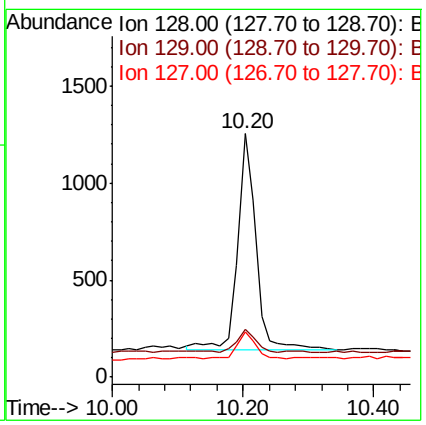


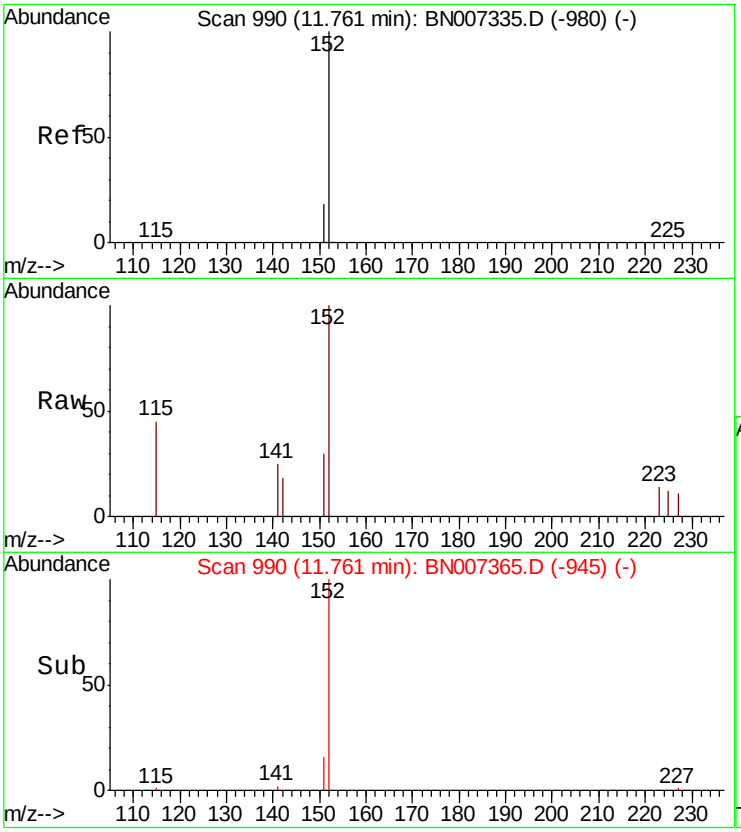


#9
Naphthalene
Concen: 0.029 ng
RT: 10.20 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:128 Resp: 2145

Ion	Ratio	Lower	Upper
128	100		
129	19.8	11.1	16.7#
127	18.8	15.5	23.3



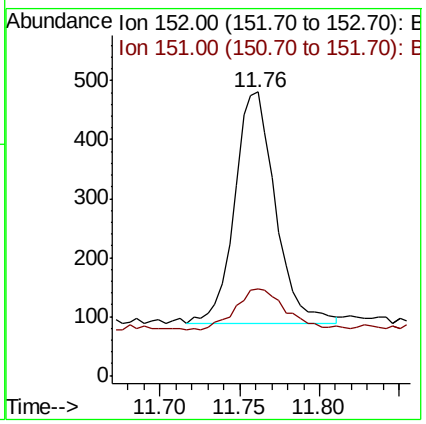


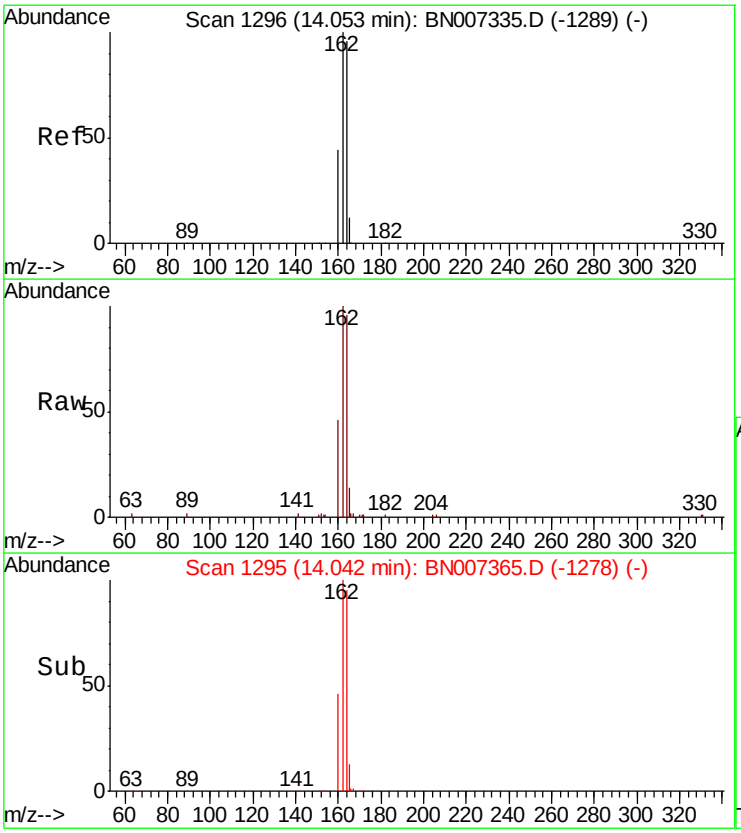
#11
2-Methylnaphthalene-d10
Concen: 0.016 ng
RT: 11.76 min Scan# 990
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:152 Resp: 695

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.2	24.2

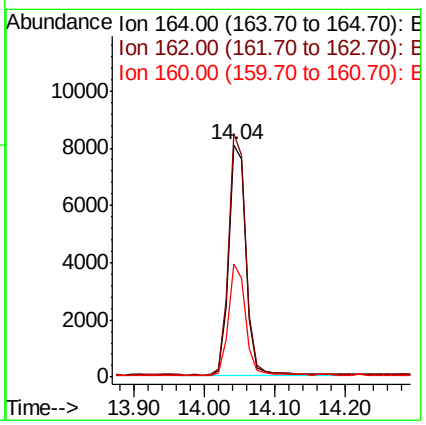


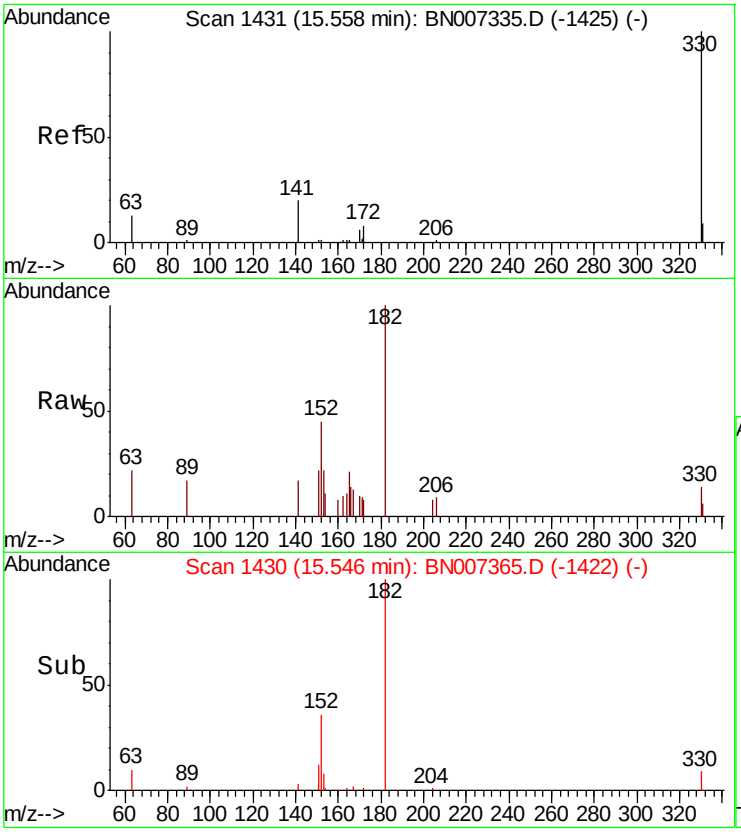


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:164 Resp: 13887

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.5	125.3
160	48.6	38.2	57.4



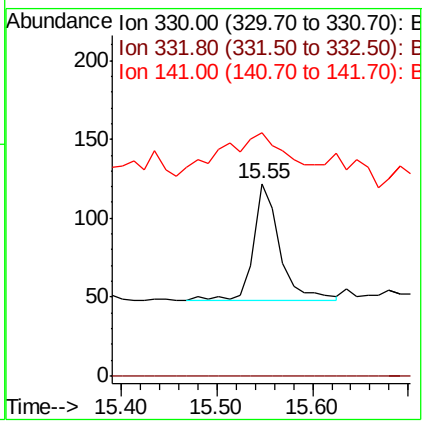


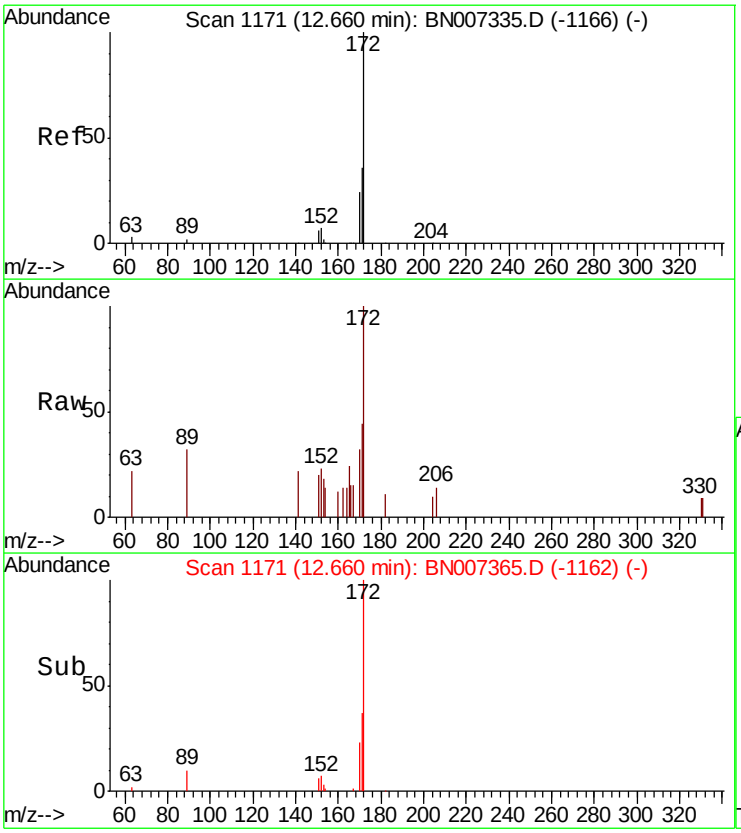
#14
2,4,6-Tribromophenol
Concen: 0.019 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:330 Resp: 140

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	56.4	26.9	40.3#

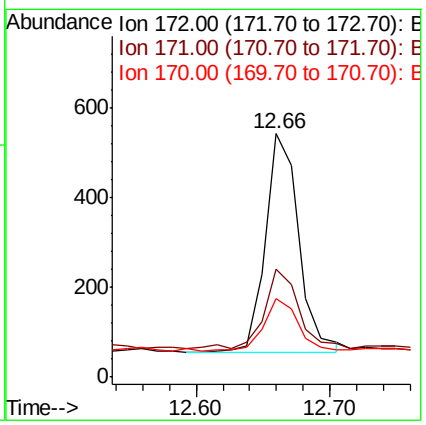


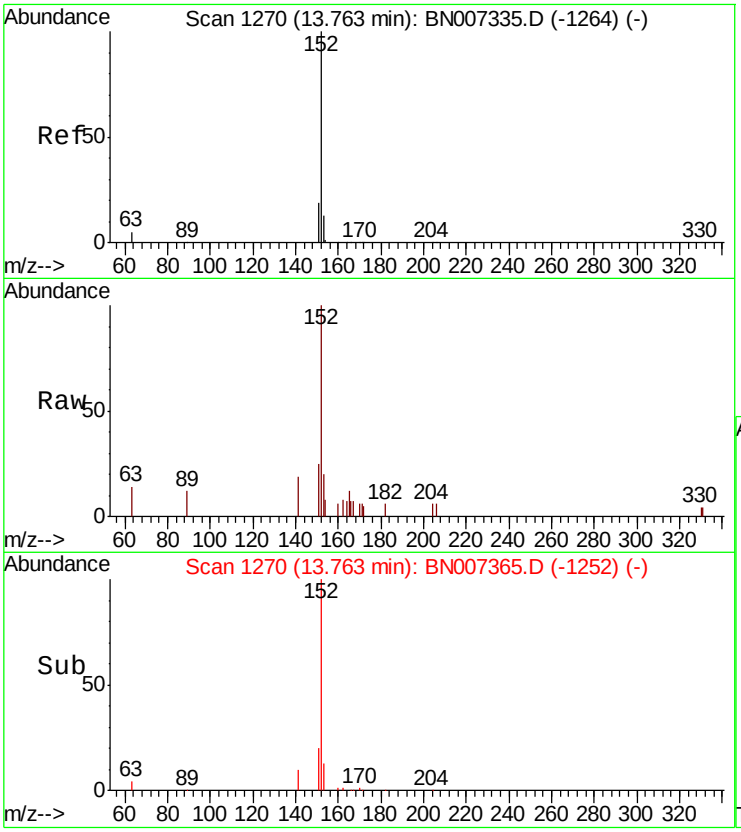


#15
2-Fluorobiphenyl
Concen: 0.015 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:172 Resp: 861

Ion	Ratio	Lower	Upper
172	100		
171	44.4	30.3	45.5
170	32.0	20.7	31.1#



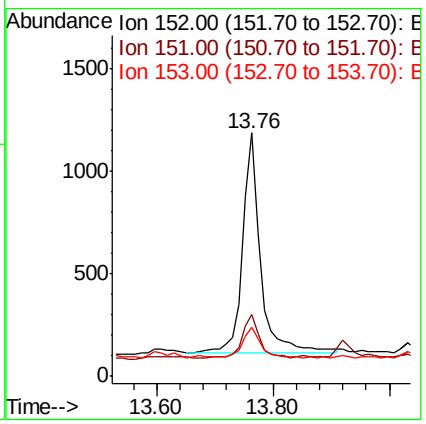


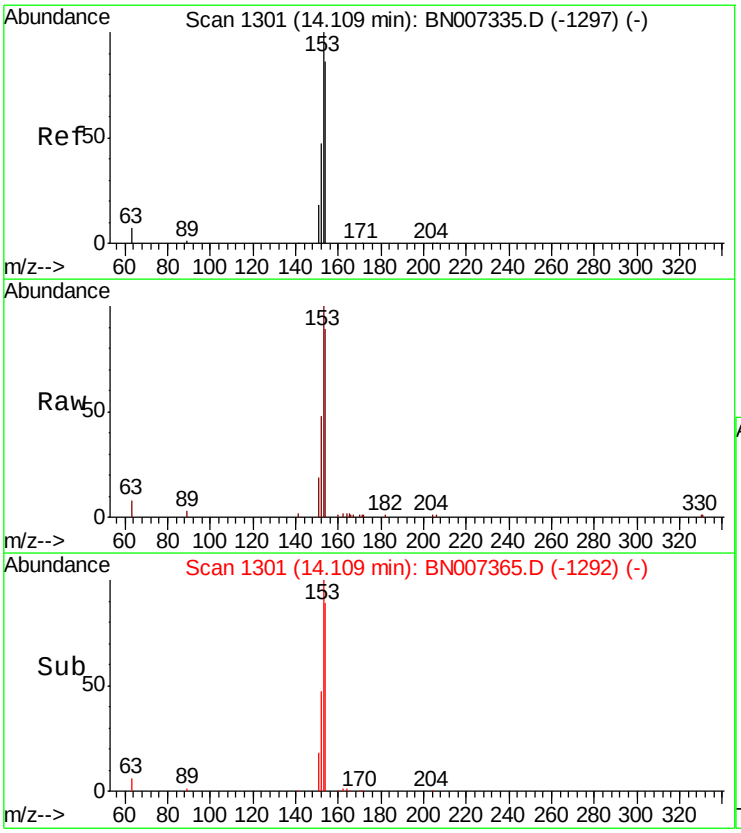
#16
Acenaphthylene
Concen: 0.028 ng
RT: 13.76 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:152 Resp: 2339

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.1	24.1
153	13.9	10.6	15.8

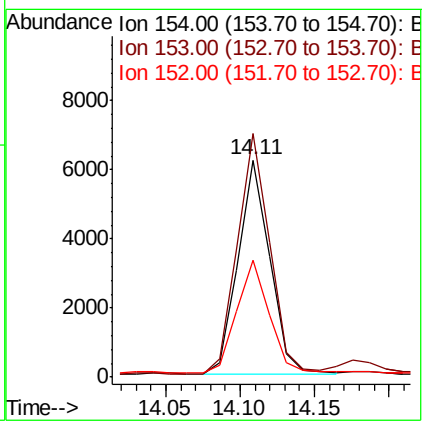


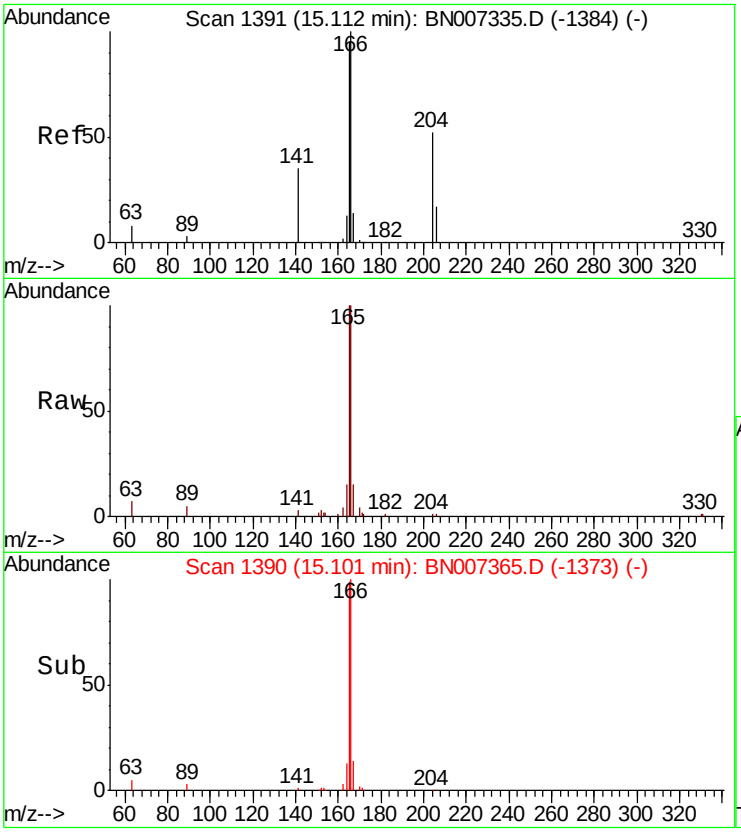


#17
Acenaphthene
Concen: 0.192 ng
RT: 14.11 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:154 Resp: 9233

Ion	Ratio	Lower	Upper
154	100		
153	113.0	92.8	139.2
152	54.0	43.8	65.8



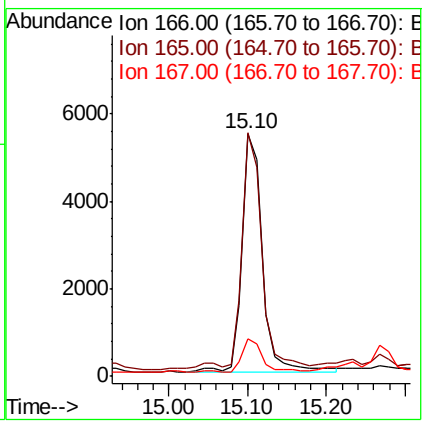


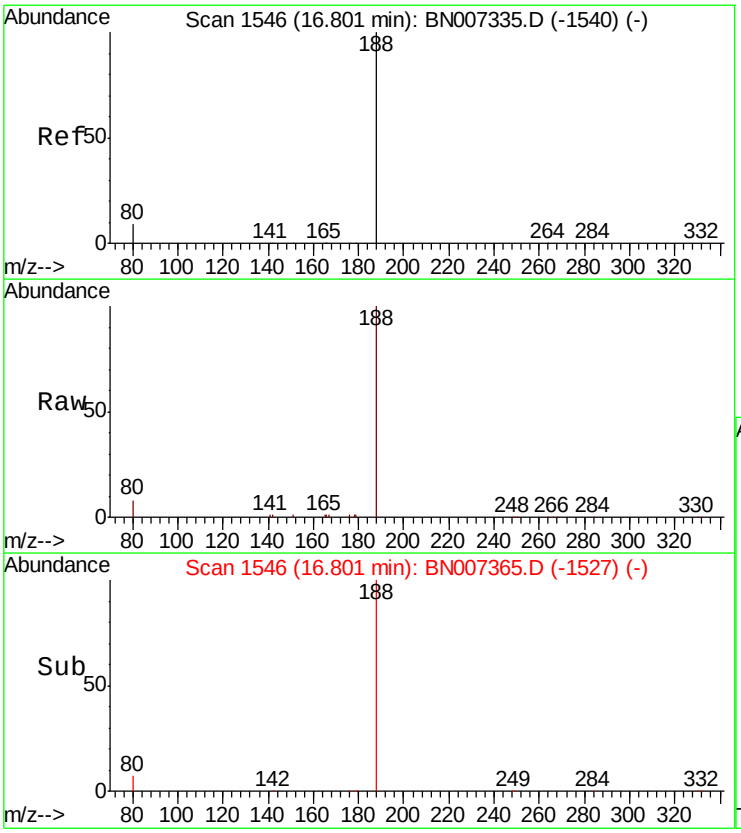
#18
Fluorene
Concen: 0.161 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:166 Resp: 9803

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	13.8	10.6	15.8

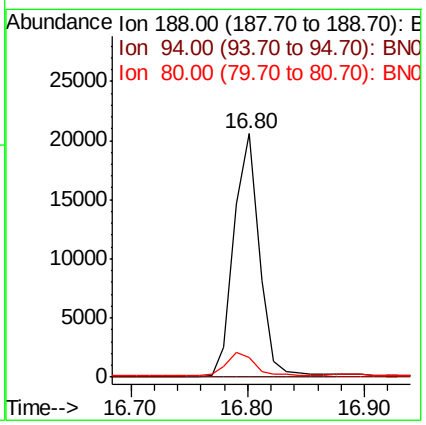


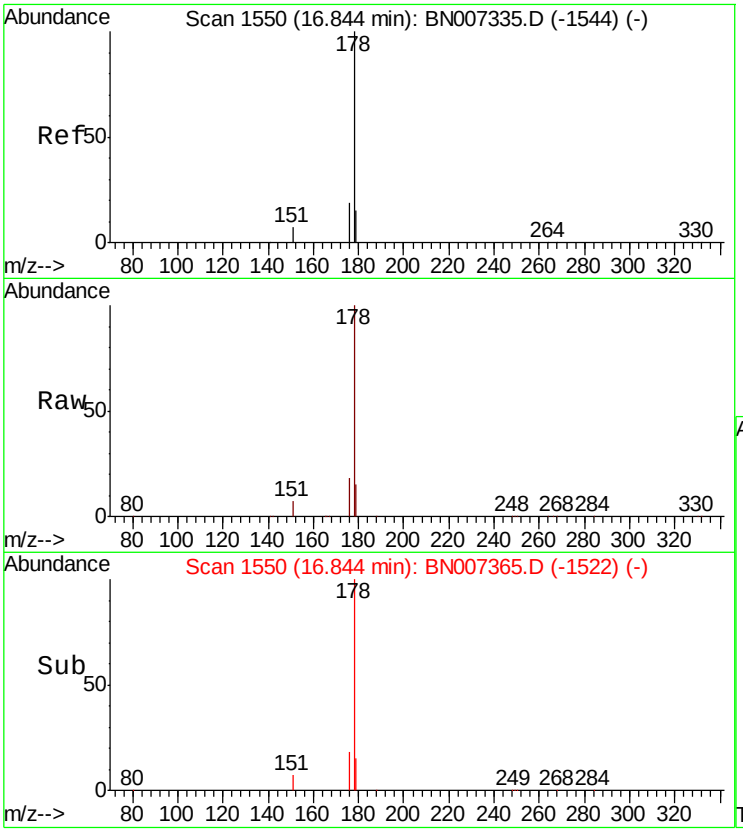


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:188 Resp: 30687

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	11.8	17.8#



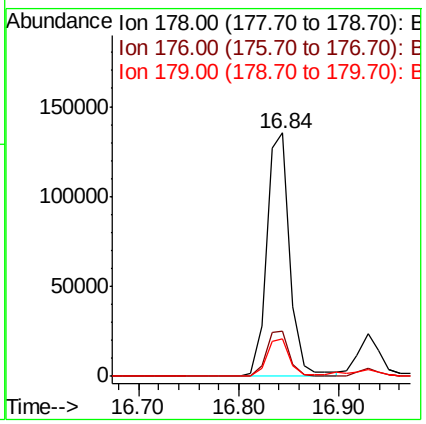


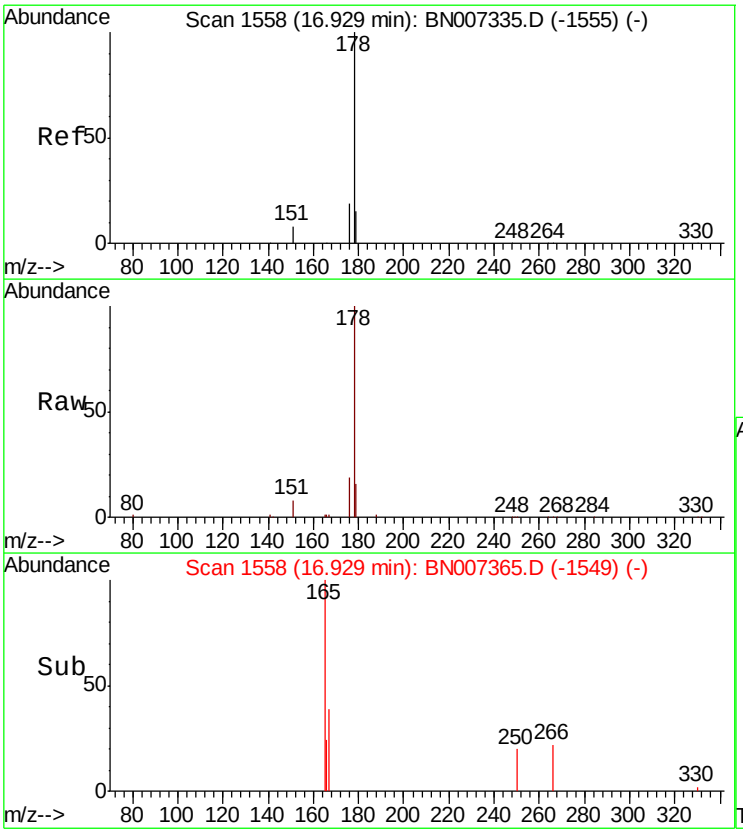
#23
Phenanthrene
Concen: 2.367 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:178 Resp: 218454

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.1	12.6	19.0

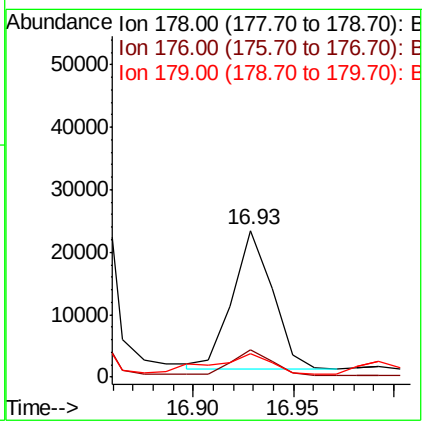


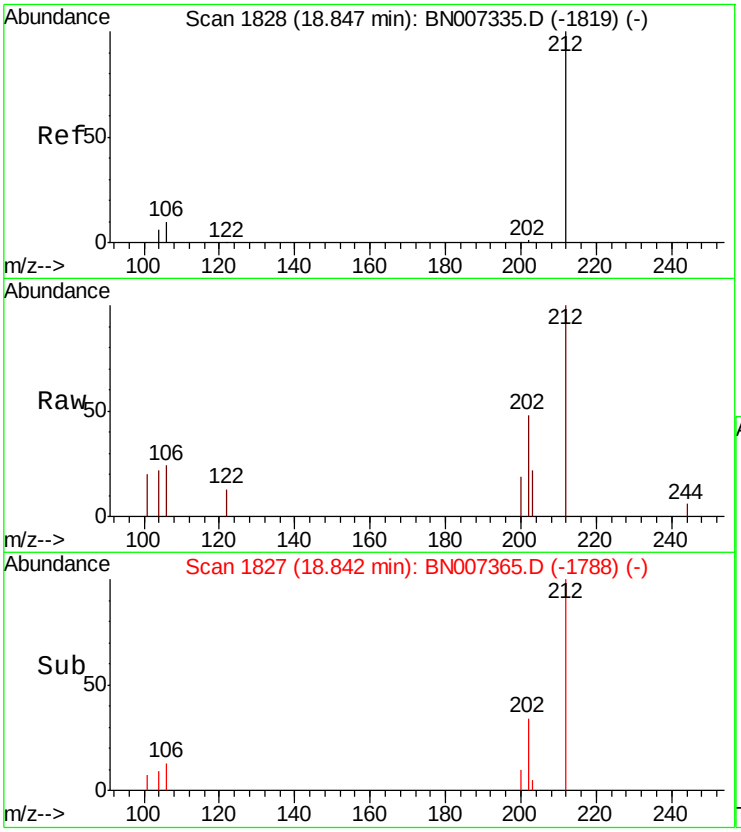


#24
Anthracene
Concen: 0.337 ng
RT: 16.93 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:178 Resp: 31318

Ion	Ratio	Lower	Upper
178	100		
176	20.5	14.9	22.3
179	22.6	12.4	18.6#



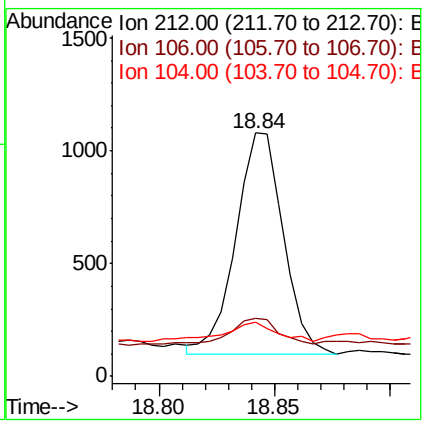


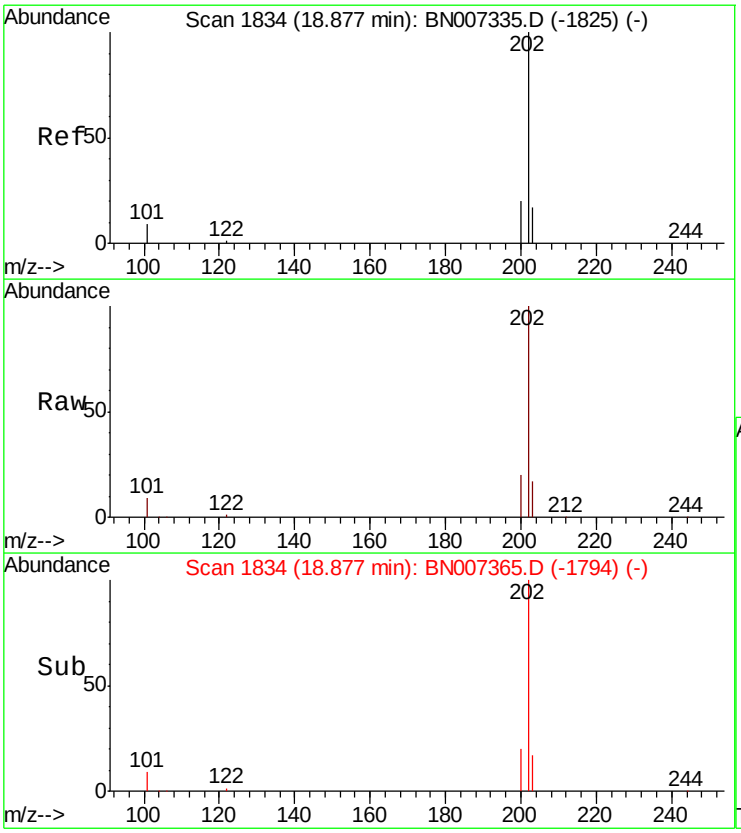
#25
Fluoranthene-d10
Concen: 0.014 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:212 Resp: 1391

Ion	Ratio	Lower	Upper
212	100		
106	12.1	9.0	13.4
104	9.6	5.4	8.2#

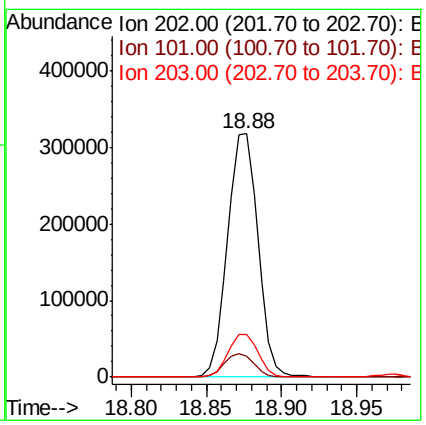


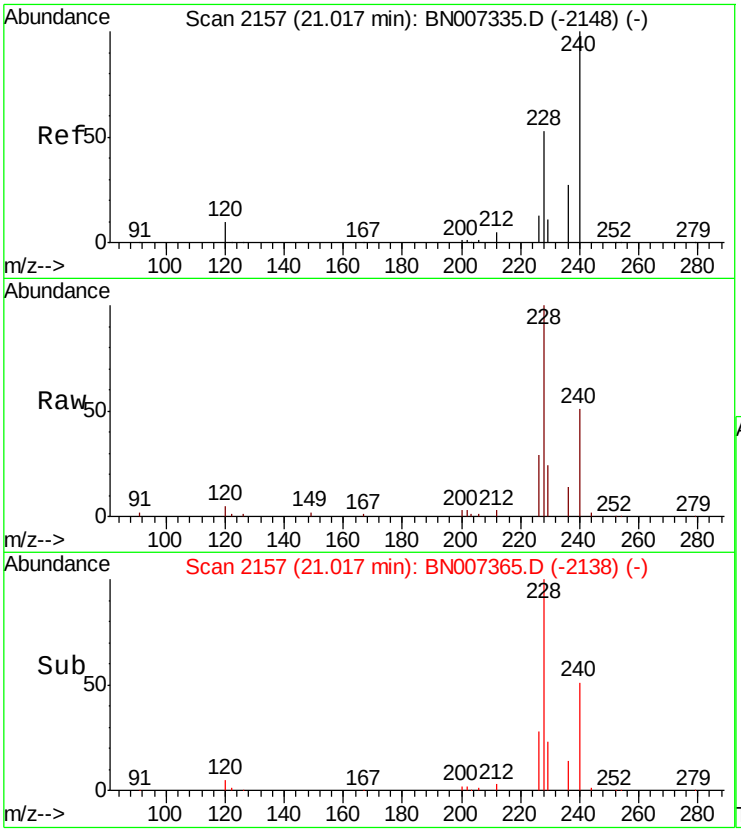


#26
Fluoranthene
Concen: 3.746 ng
RT: 18.88 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:202 Resp: 444002

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.7	11.5
203	17.4	13.7	20.5



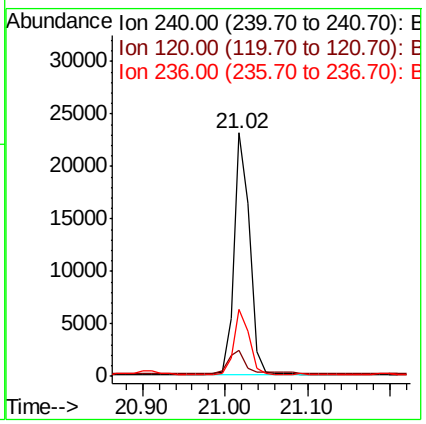


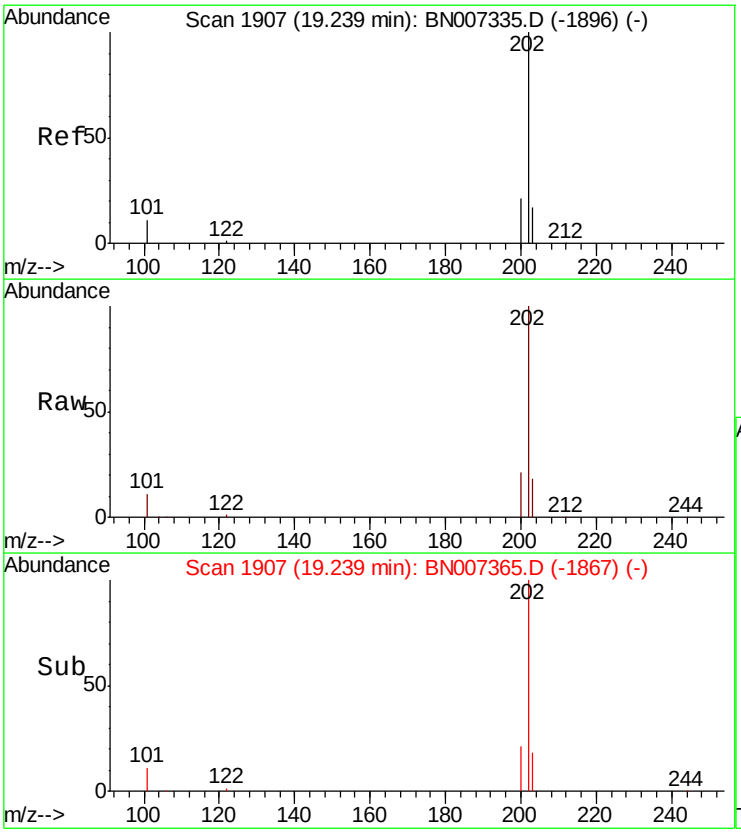
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:240 Resp: 30891

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.6	14.4
236	27.3	22.2	33.2

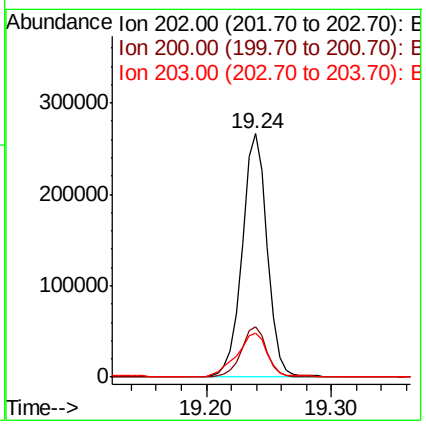


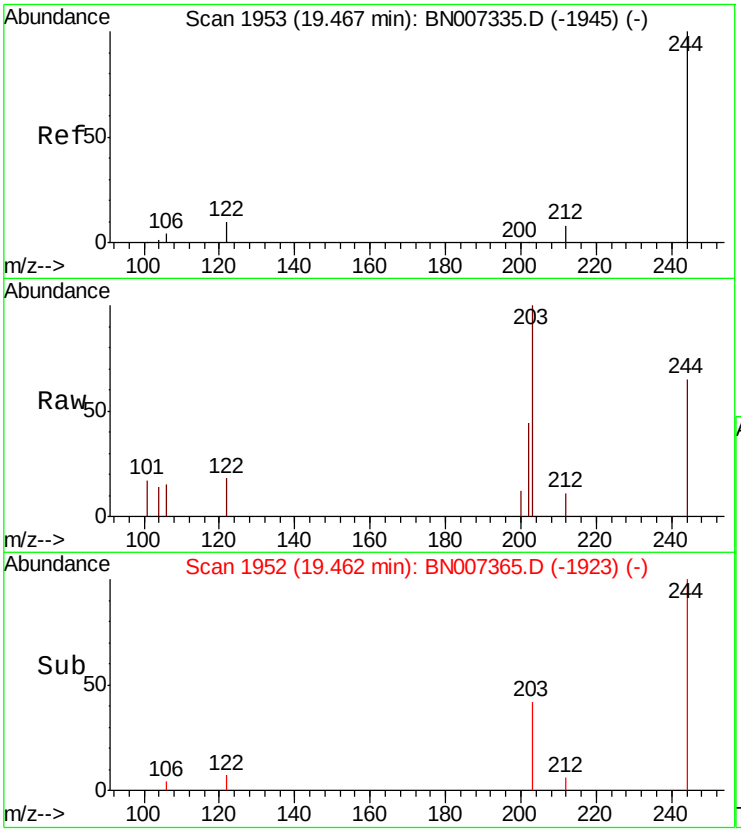


#28
Pyrene
Concen: 2.970 ng
RT: 19.24 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:202 Resp: 369050

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	22.3	14.2	21.4#



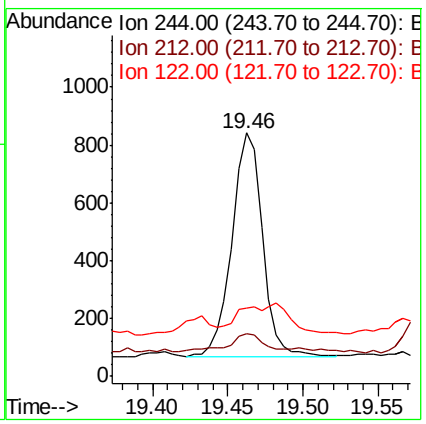


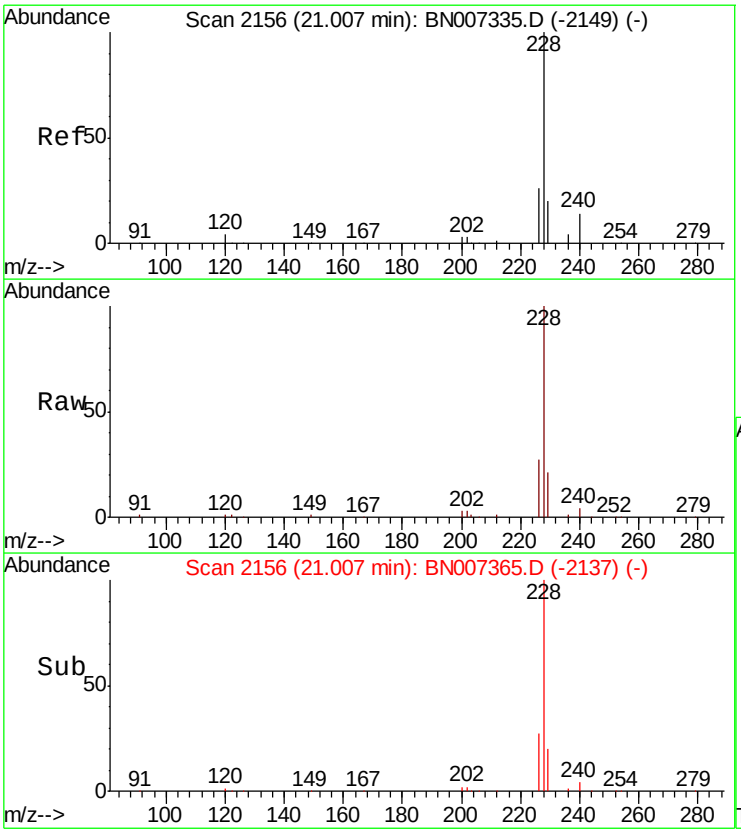
#29
Terphenyl-d14
Concen: 0.014 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:244 Resp: 1093

Ion	Ratio	Lower	Upper
244	100		
212	17.5	7.0	10.6#
122	28.0	9.6	14.4#

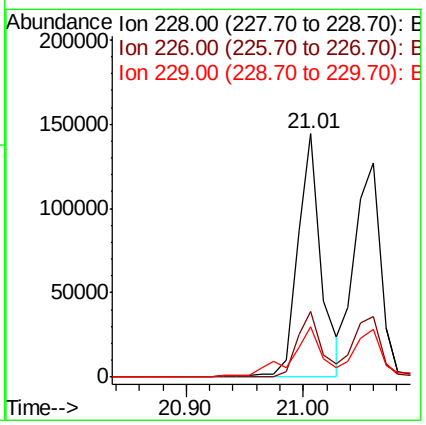


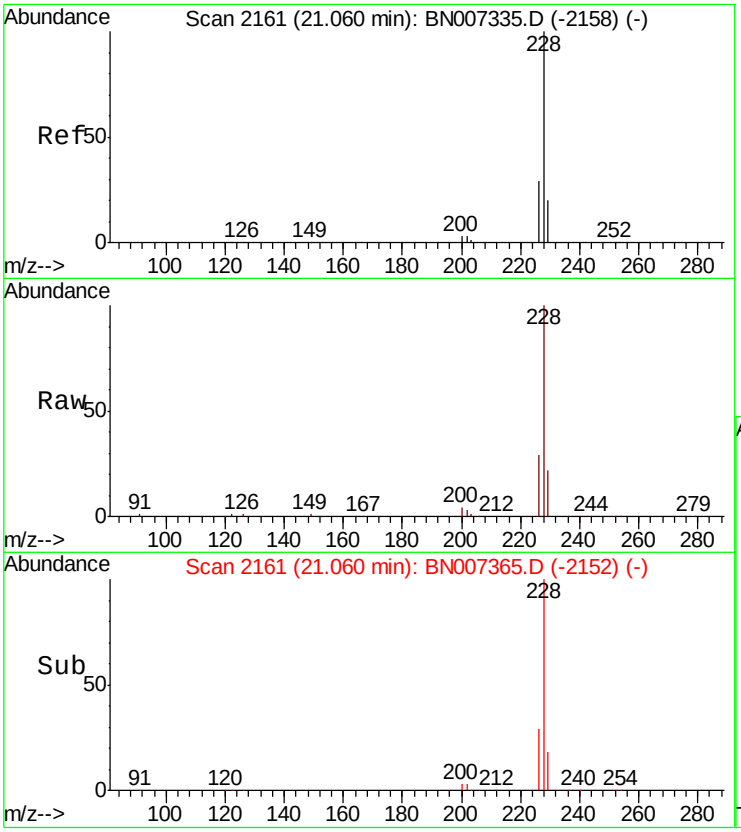


#30
Benzo(a)anthracene
Concen: 1.649 ng
RT: 21.01 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:228 Resp: 200096

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.3	31.9
229	20.6	16.1	24.1



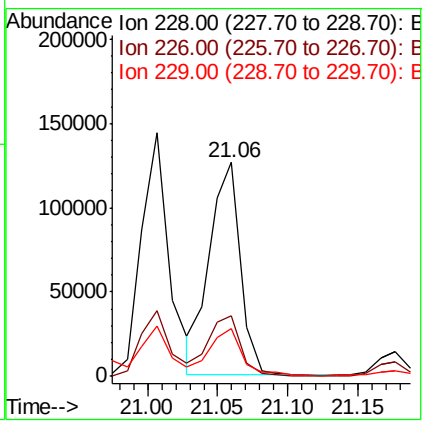


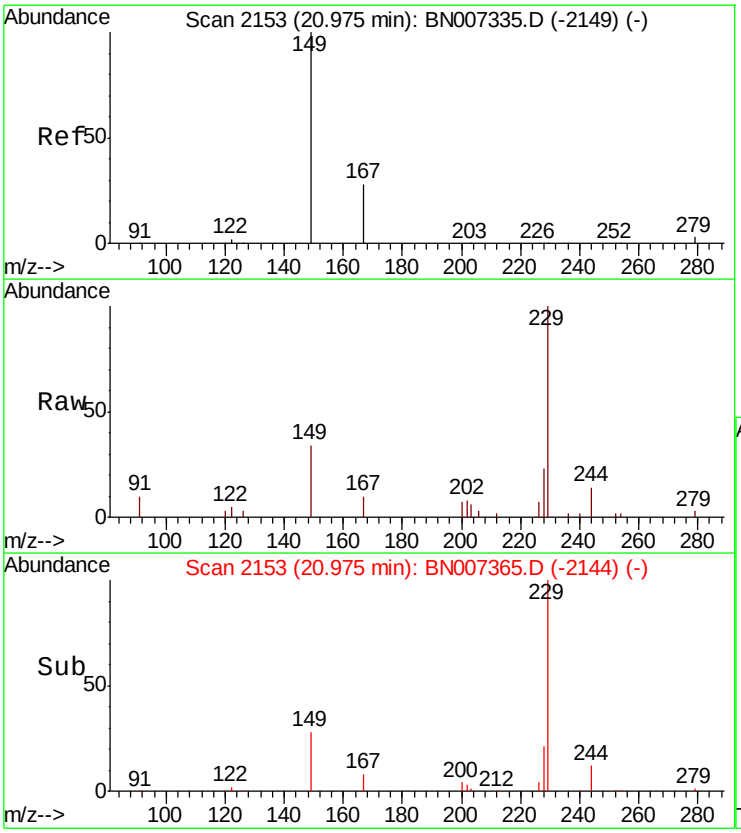
#31
Chrysene
Concen: 1.652 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:228 Resp: 193456

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.5	35.3
229	22.1	16.6	24.8

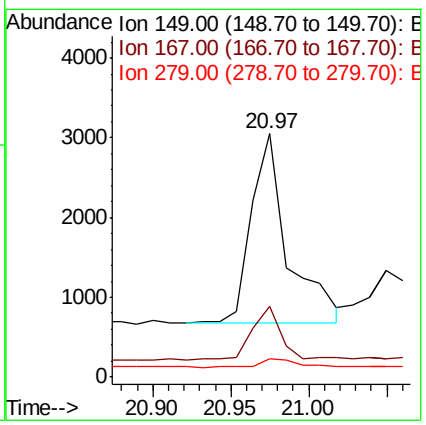


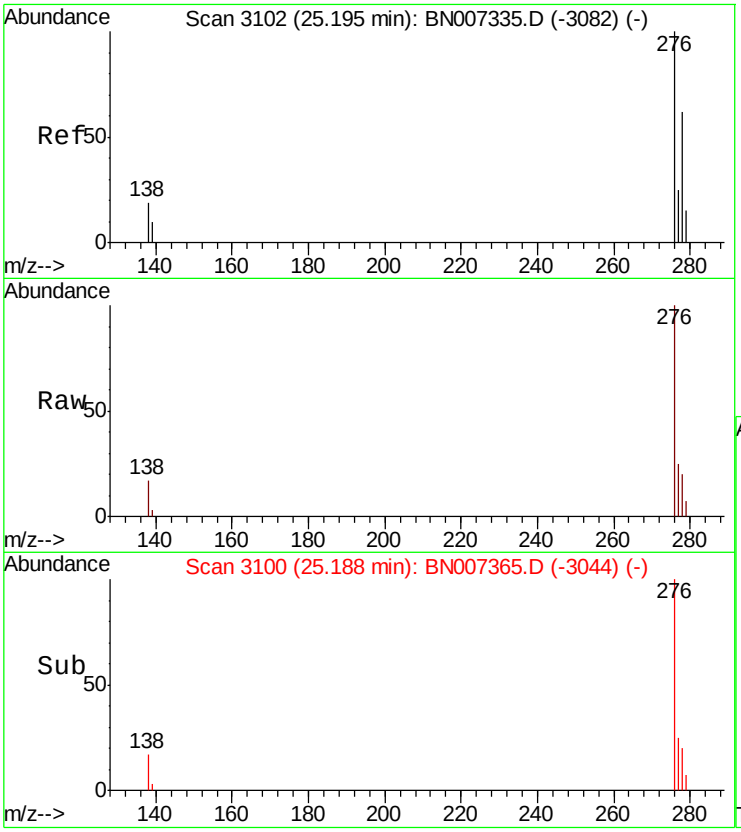


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.029 ng
RT: 20.97 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:149 Resp: 3807

Ion	Ratio	Lower	Upper
149	100		
167	23.8	22.8	34.2
279	5.7	3.5	5.3#



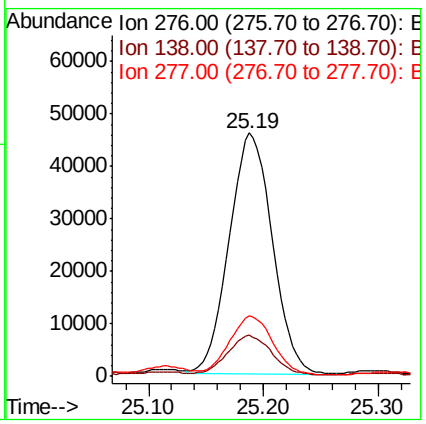


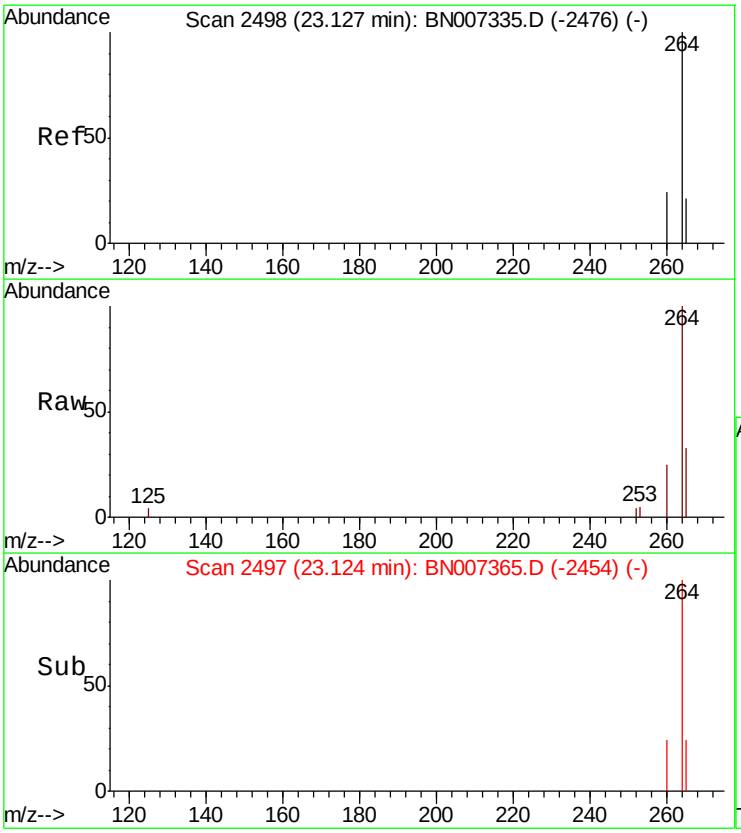
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.853 ng
RT: 25.19 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:276 Resp: 120297

Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.1	22.7
277	24.4	19.7	29.5

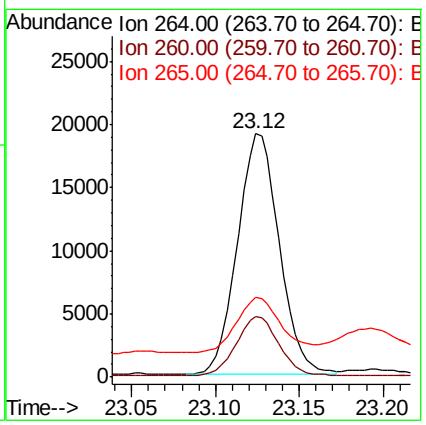


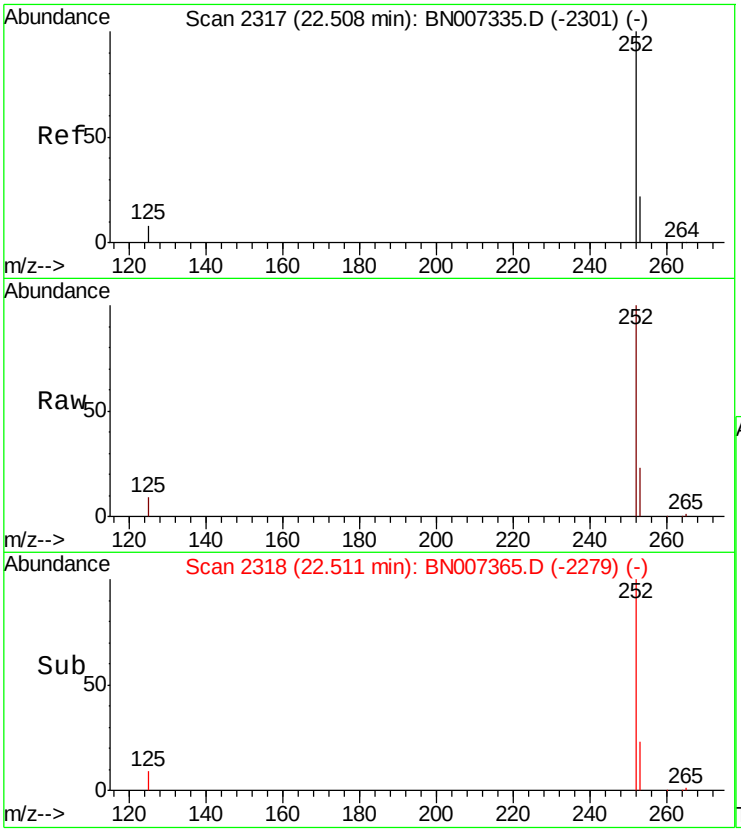


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:264 Resp: 33384

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	32.9	29.9	44.9



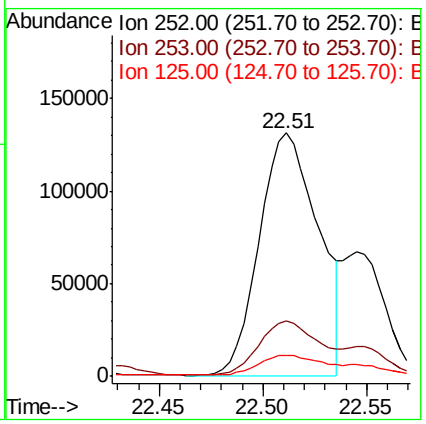


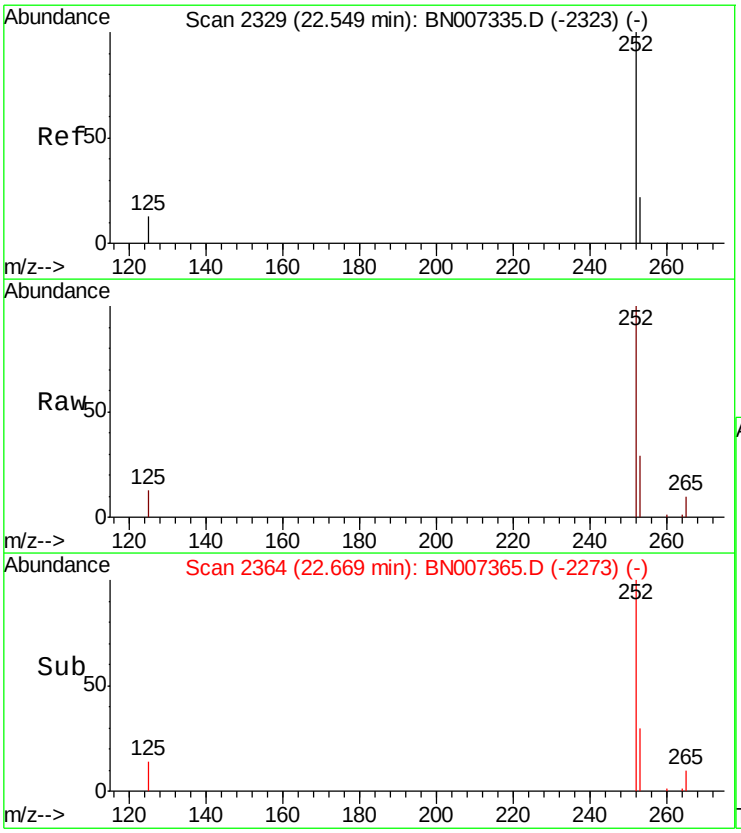
#35
Benzo(b)fluoranthene
Concen: 2.133 ng
RT: 22.51 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:252 Resp: 257981

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	8.8	10.6	16.0#

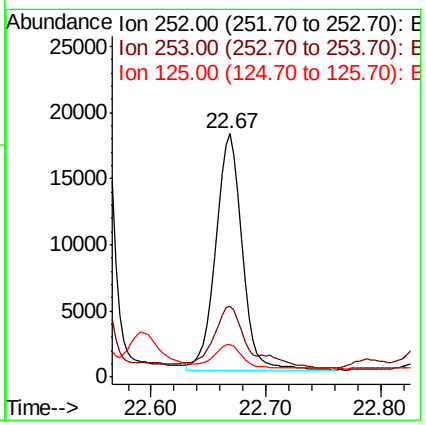


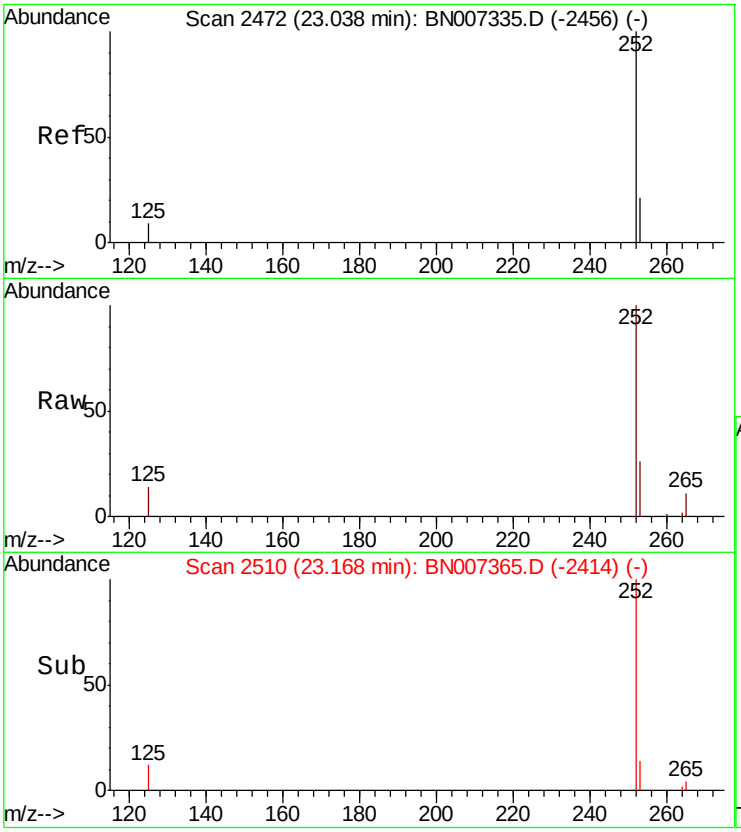


#36
Benzo(k)fluoranthene
Concen: 0.242 ng
RT: 22.67 min Scan# 2364
Delta R.T. 0.12 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:252 Resp: 28968

Ion	Ratio	Lower	Upper
252	100		
253	29.1	19.4	29.2
125	13.4	13.1	19.7



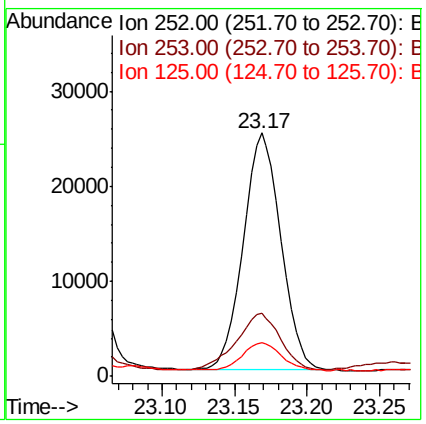


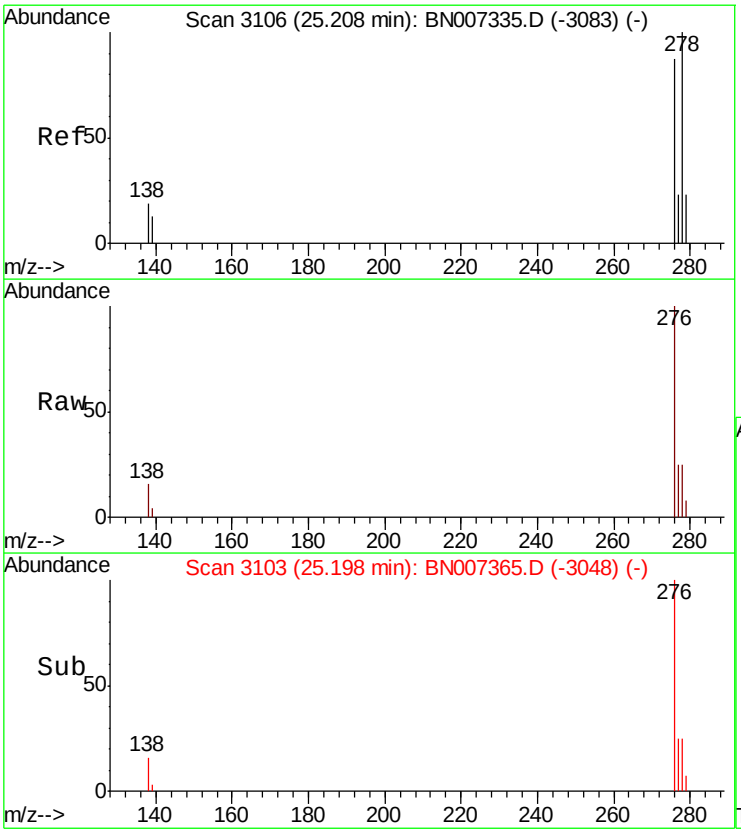
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.17 min Scan# 2510
Delta R.T. 0.13 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:252 Resp: 44966

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.5	29.3
125	13.8	12.1	18.1

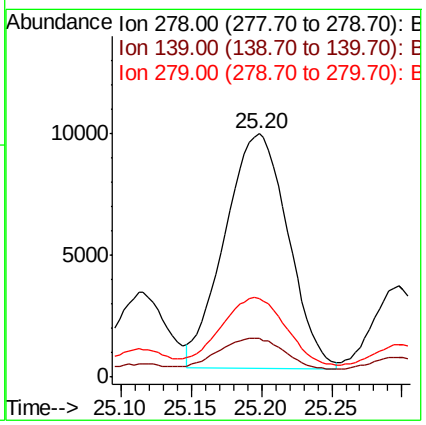


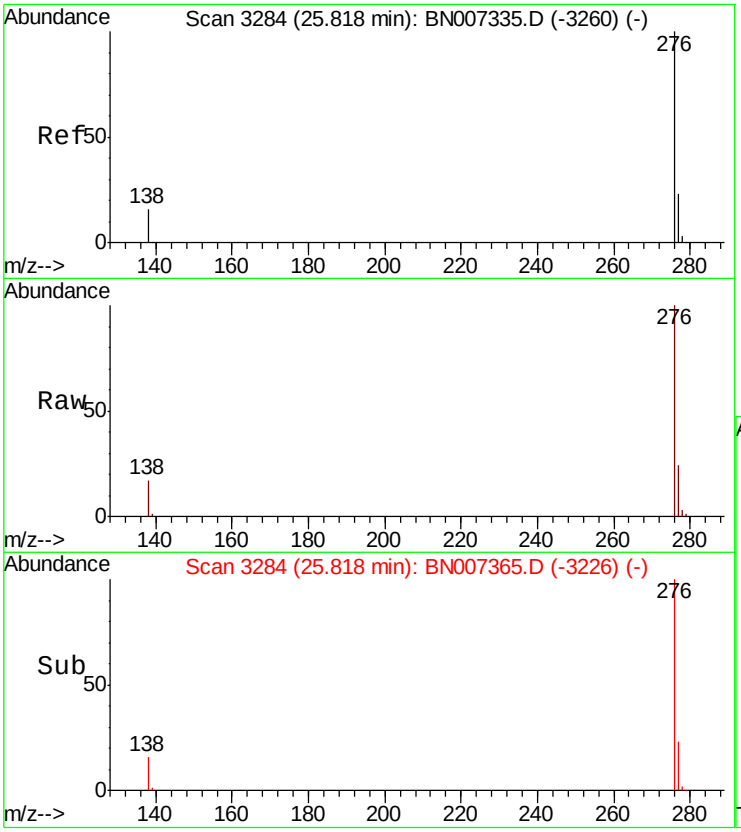


#38
Dibenzo(a,h)anthracene
Concen: 0.264 ng
RT: 25.20 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Tgt Ion:278 Resp: 30332

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.7	20.5
279	32.0	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 1.019 ng
RT: 25.82 min Scan# 3284
Delta R.T. 0.00 min
Lab File: BN007365.D
Acq: 24 Aug 2019 16:07

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119DL

Tgt Ion:276 Resp: 116641

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	16.7	16.3	24.5