Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007103.D
Acq On : 12 Aug 2019 18:18
Operator : HP/JU
Sample : K4143-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 13 04:16:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9399	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	35991	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	20186	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	49067	0.40	ng		0.00
26) Chrysene-d12	21.05	240	50795	0.40	ng		-0.01
32) Perylene-d12	23.16	264	54677	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5880	0.26	ng		0.00
4) Phenol-d6	6.61	99	8003	0.29	ng		0.00
7) Nitrobenzene-d5	8.56	82	6100	0.21	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	14370	0.21	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1796	0.17	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	3944	0.13	ng		0.00
24) Fluoranthene-d10	18.87	212	35166	0.20	ng		0.00
28) Terphenyl-d14	19.49	244	25726	0.19	ng		-0.01
Target Compounds							Qvalue
8) Naphthalene	10.24	128	3262	0.032	ng	#	93
11) 2-Methylnaphthalene	11.86	142	1442	0.020	ng	#	93
15) Acenaphthylene	13.79	152	14306	0.136	ng		100
16) Acenaphthene	14.13	154	3590	0.053	ng		94
17) Fluorene	15.13	166	5225	0.052	ng		93
22) Phenanthrene	16.87	178	182669	1.242	ng		100
23) Anthracene	16.95	178	32129	0.239	ng	#	94
25) Fluoranthene	18.90	202	377965	2.009	ng		100
27) Pyrene	19.26	202	336128	1.887	ng	#	96
29) Benzo(a)anthracene	21.02	228	196039	1.055	ng		97
30) Chrysene	21.08	228	179574	0.995	ng		97
31) Indeno(1,2,3-cd)pyrene	25.23	276	105092	0.528	ng		97
33) Benzo(b)fluoranthene	22.54	252	243651	1.300	ng		99
34) Benzo(k)fluoranthene	22.54	252	243651	1.316	ng		99
35) Benzo(a)pyrene	23.07	252	163042	0.959	ng		99
36) Dibenzo(a,h)anthracene	25.25	278	29404	0.173	ng	#	92
37) Benzo(g,h,i)perylene	25.86	276	102845	0.590	ng		100

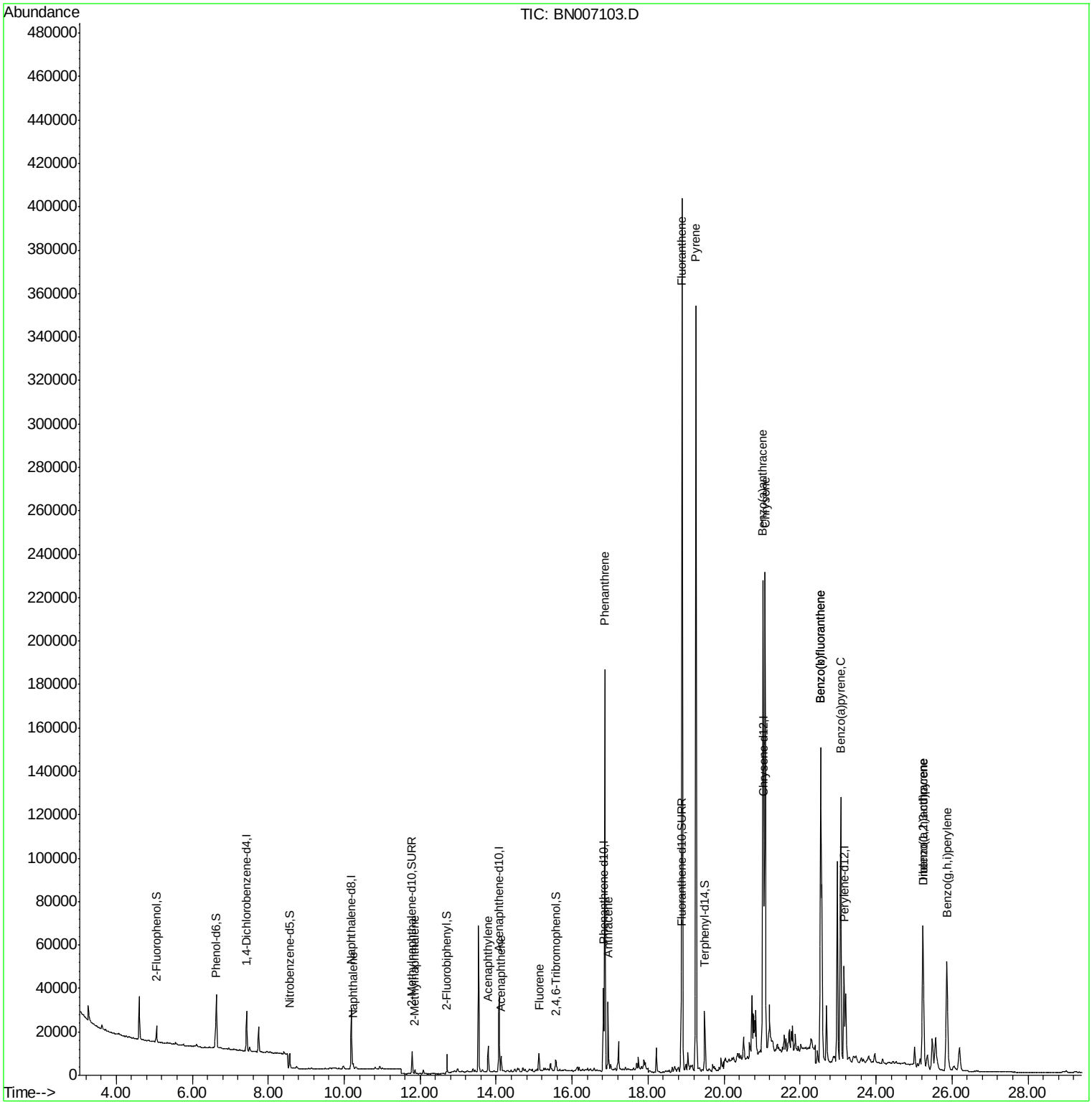
(#) = qualifier out of range (m) = manual integration (+) = signals summed

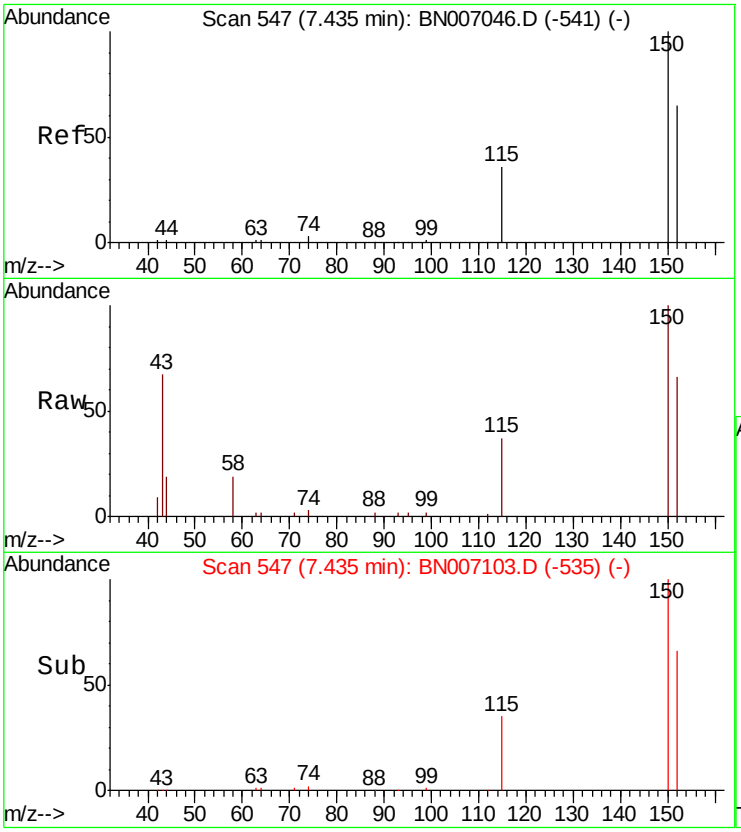
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007103.D
Acq On : 12 Aug 2019 18:18
Operator : HP/JU
Sample : K4143-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 13 04:16:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



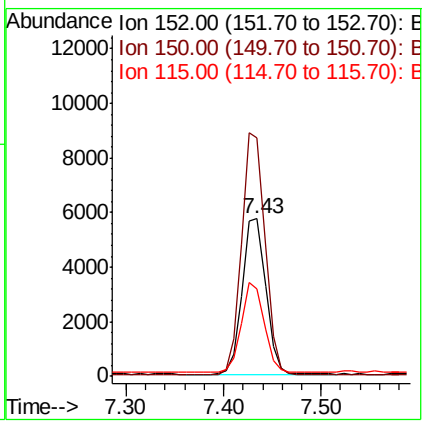


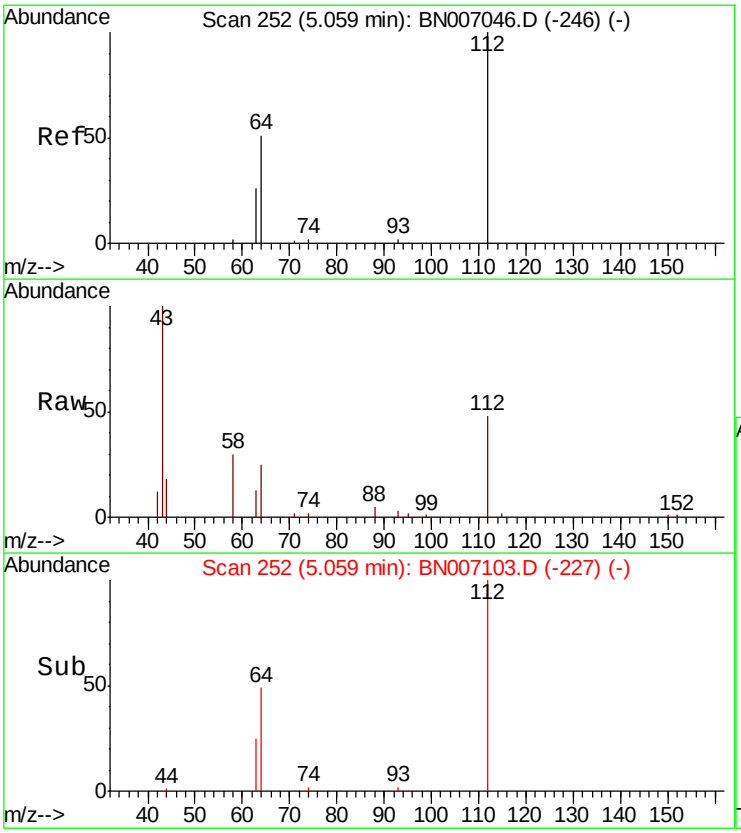
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9399

Ion	Ratio	Lower	Upper
152	100		
150	150.9	121.7	182.5
115	55.4	46.2	69.4

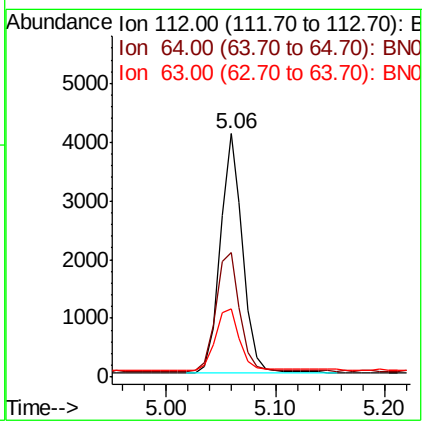


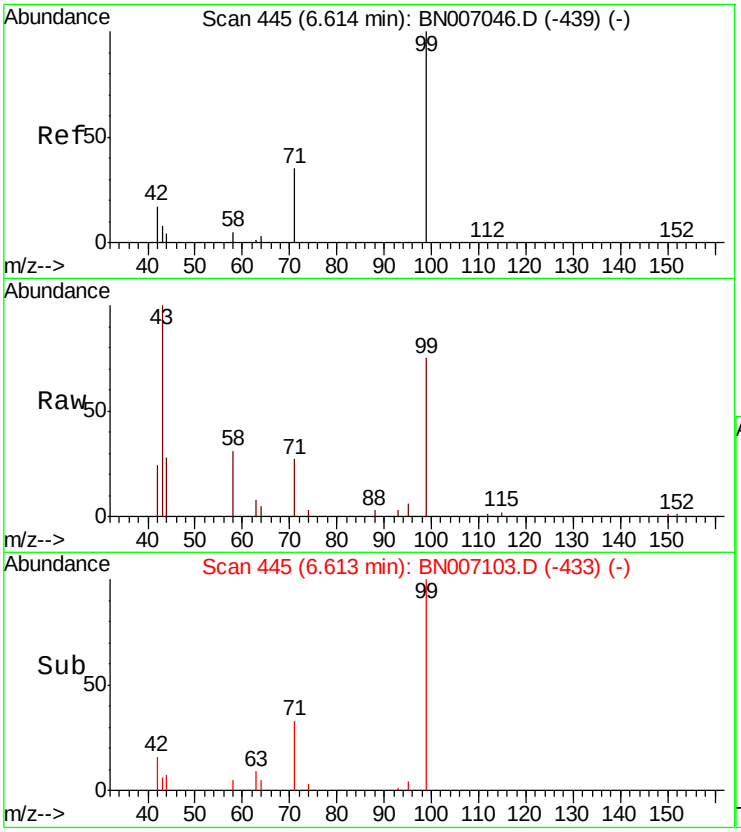


#3
2-Fluorophenol
Concen: 0.260 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:112 Resp: 5880

Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.6	63.8
63	27.1	22.2	33.2



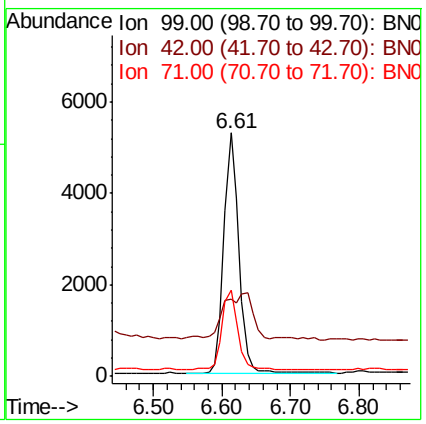


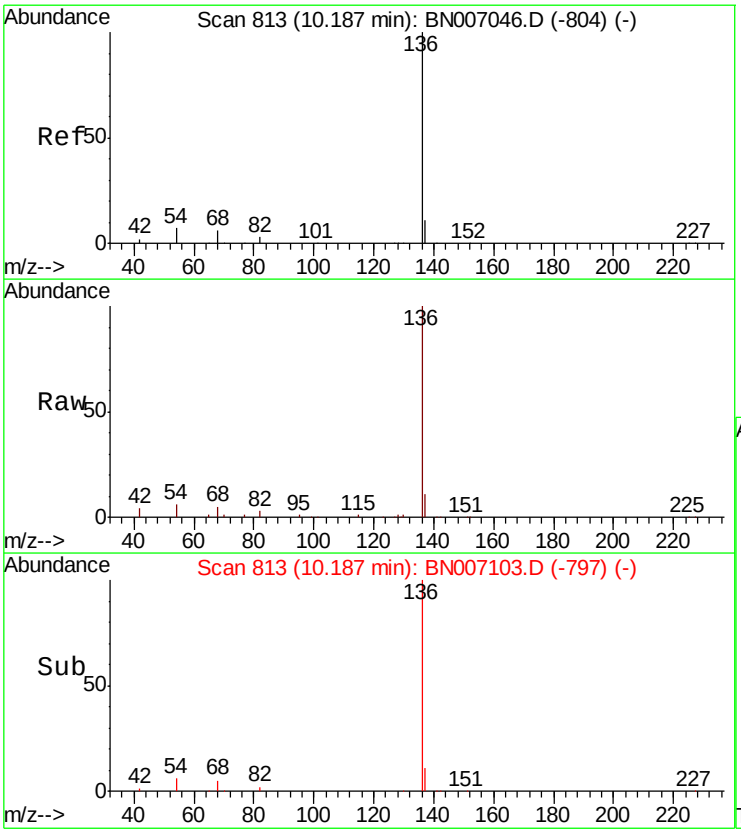
#4
Phenol-d6
Concen: 0.286 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8003

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	34.4	27.0	40.4

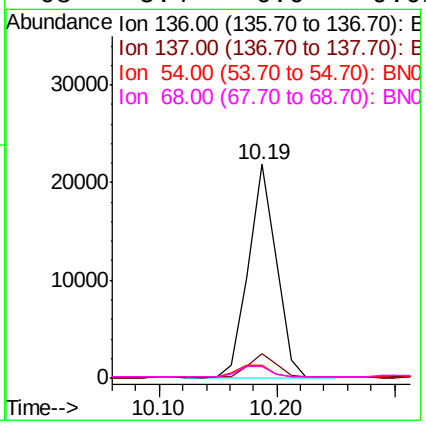


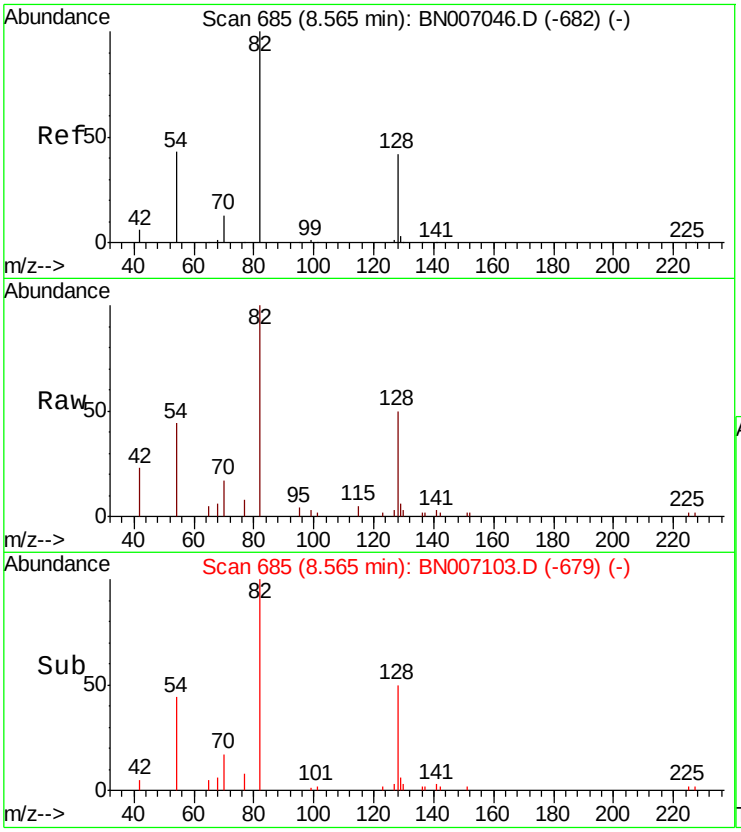


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:136 Resp: 35991

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	6.3	6.6	9.8#
68	5.4	6.0	9.0#



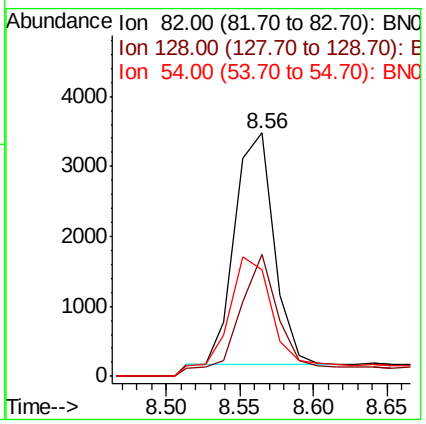


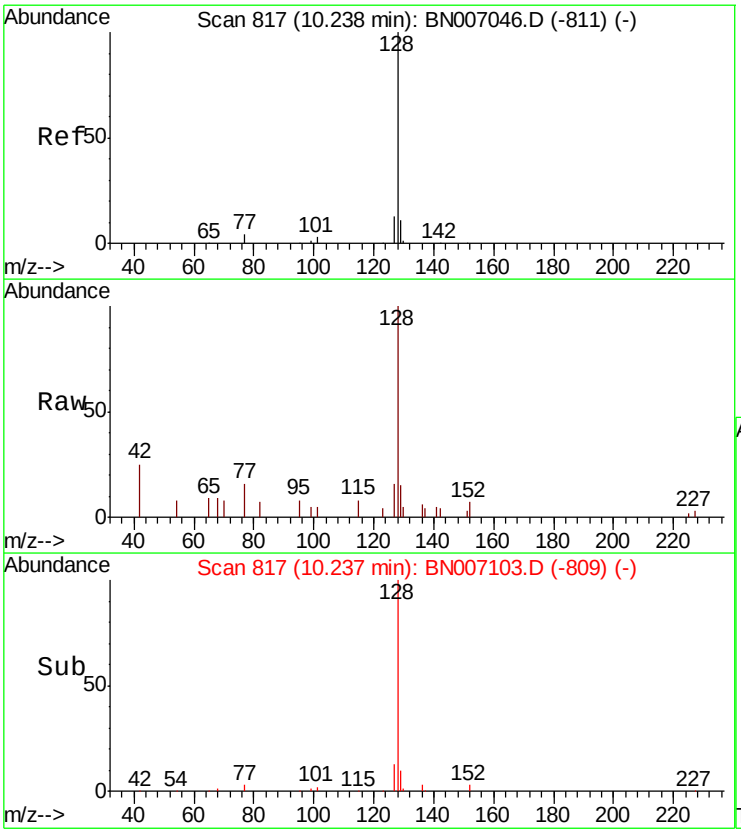
#7
Nitrobenzene-d5
Concen: 0.210 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 6100

Ion	Ratio	Lower	Upper
82	100		
128	50.1	34.6	51.8
54	43.6	36.2	54.4

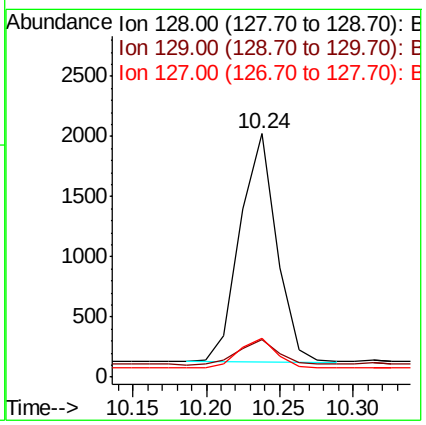


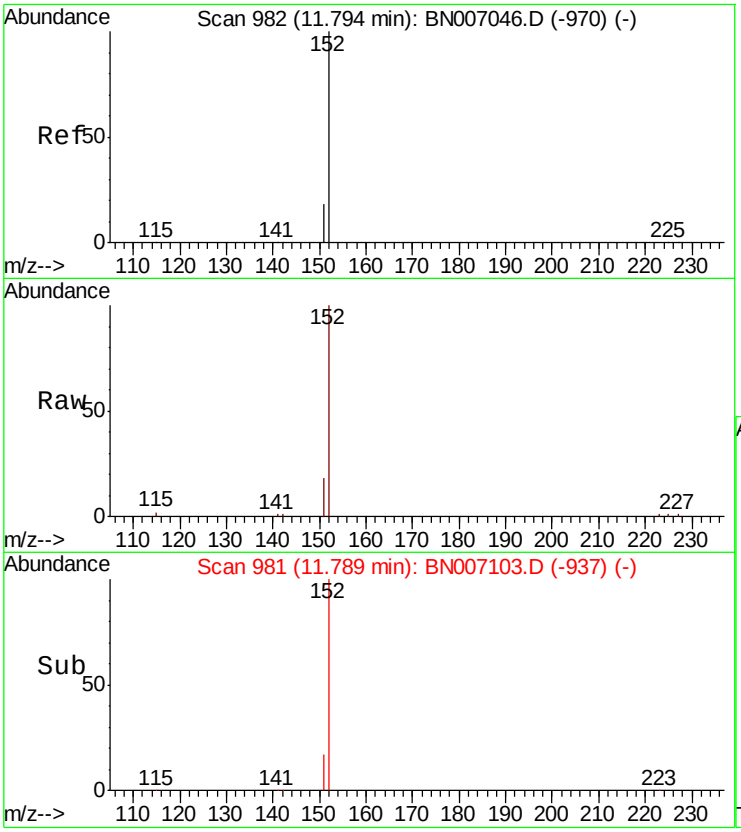


#8
Naphthalene
Concen: 0.032 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:128 Resp: 3262

Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.4	14.2#
127	15.8	11.0	16.6



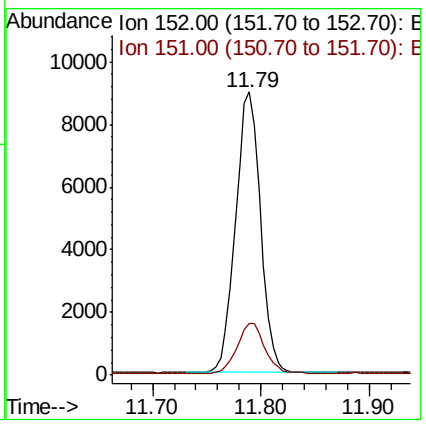


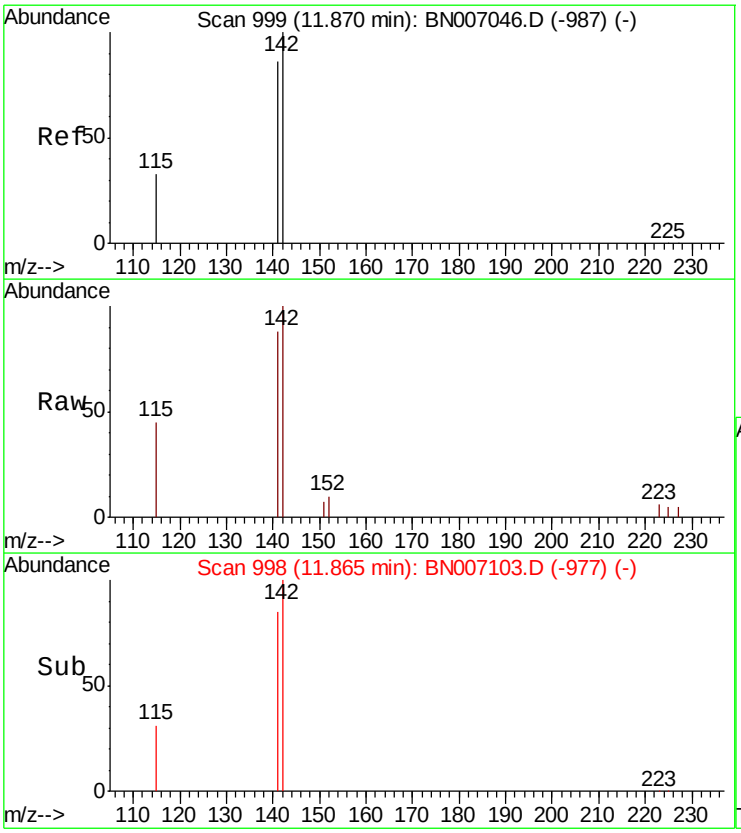
#10
2-Methylnaphthalene-d10
Concen: 0.214 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 14370

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3

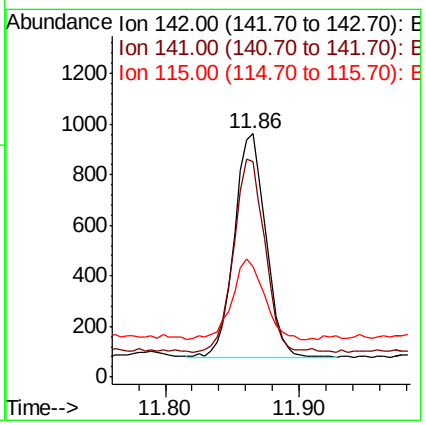


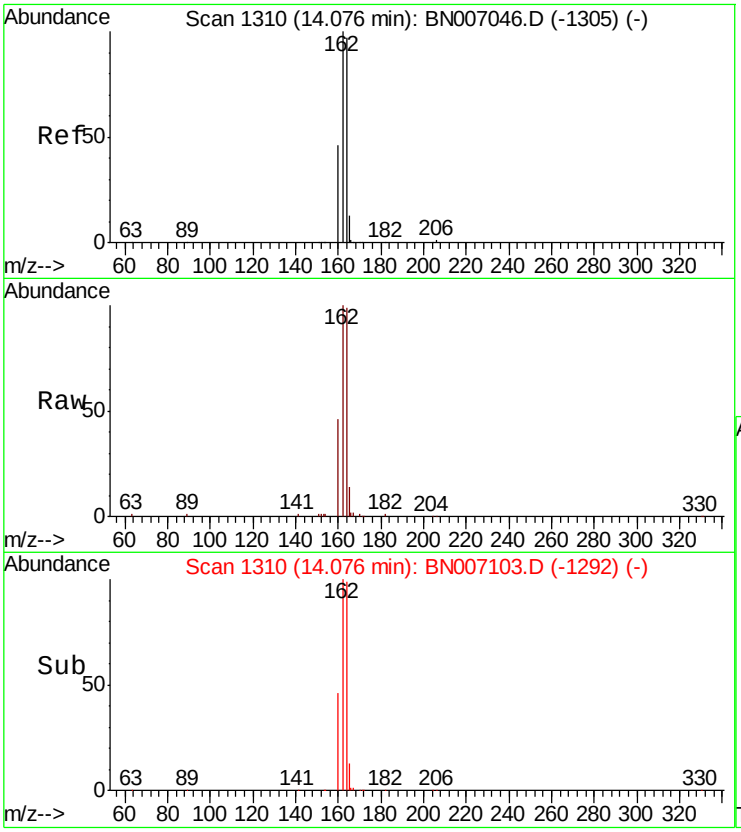


#11
2-Methylnaphthalene
Concen: 0.020 ng
RT: 11.86 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:142 Resp: 1442

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.0	103.6
115	45.3	27.1	40.7#



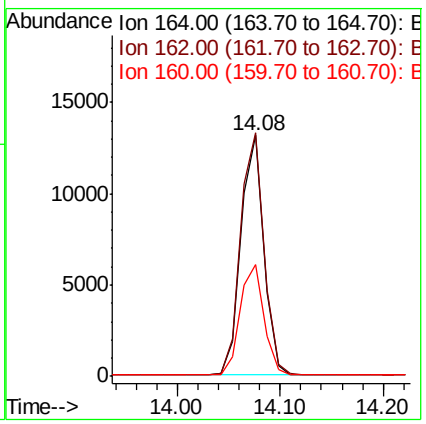


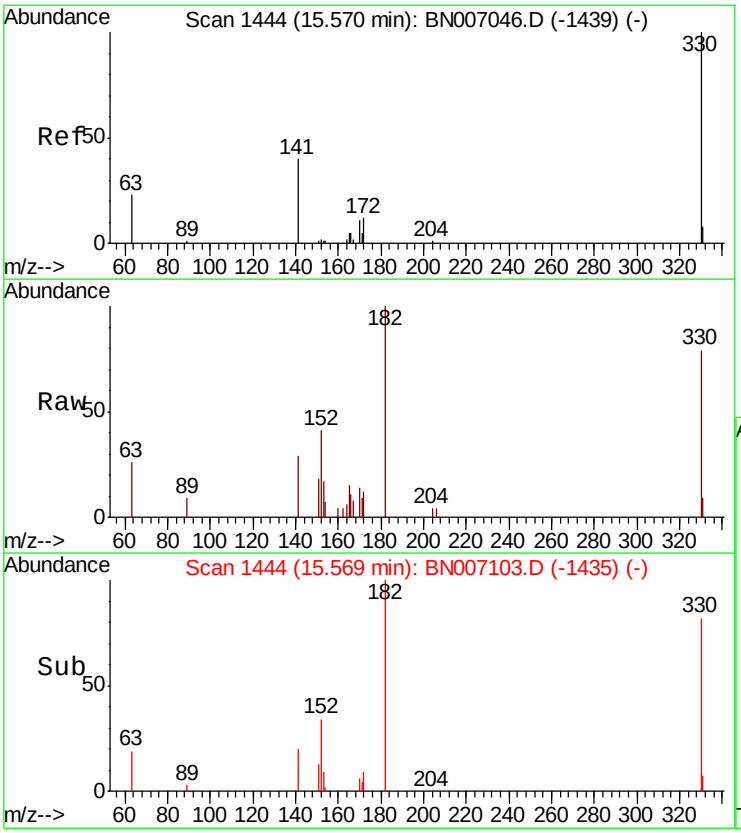
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 20186

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.4
160	46.5	38.3	57.5

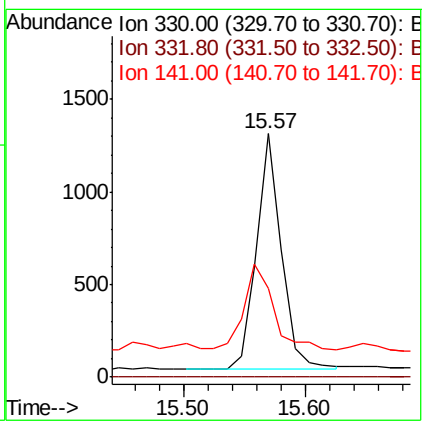


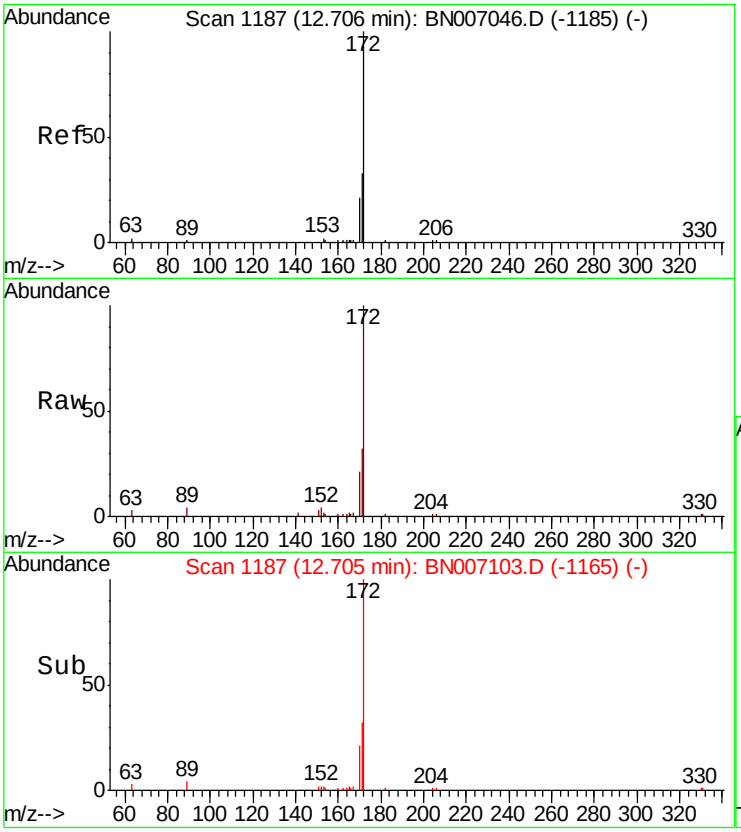


#13
2,4,6-Tribromophenol
Concen: 0.165 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:330 Resp: 1796

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.1	33.6	50.4



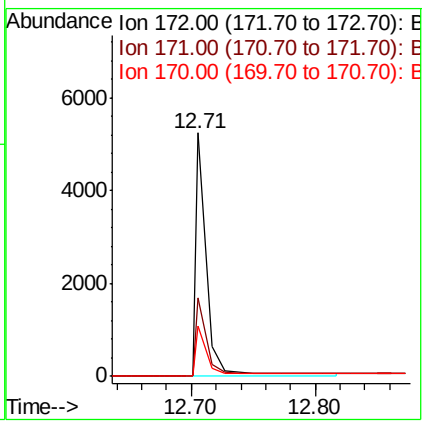


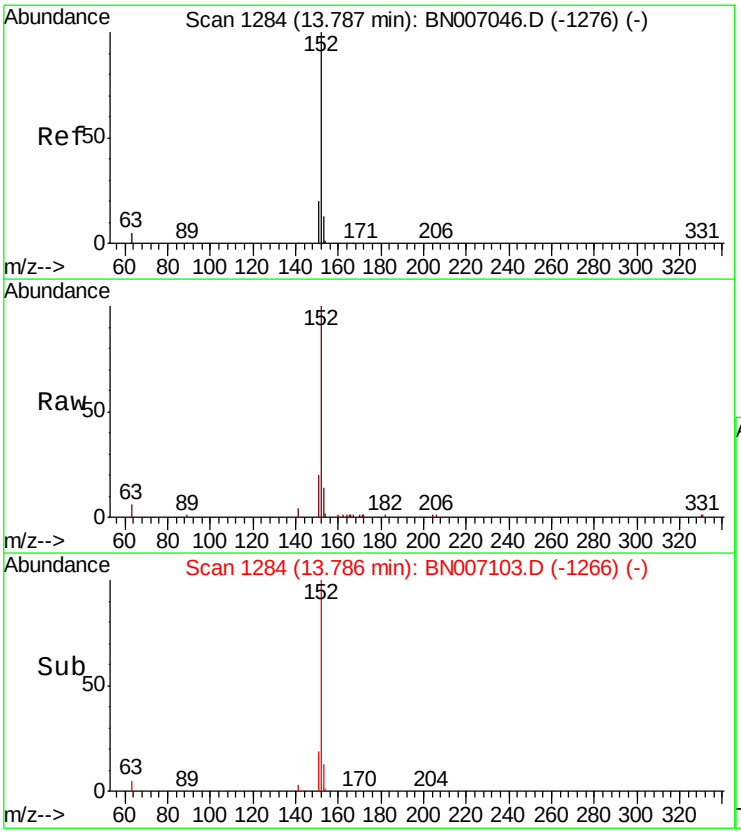
#14
2-Fluorobiphenyl
Concen: 0.134 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3944

Ion	Ratio	Lower	Upper
172	100		
171	32.4	26.3	39.5
170	20.6	17.0	25.4

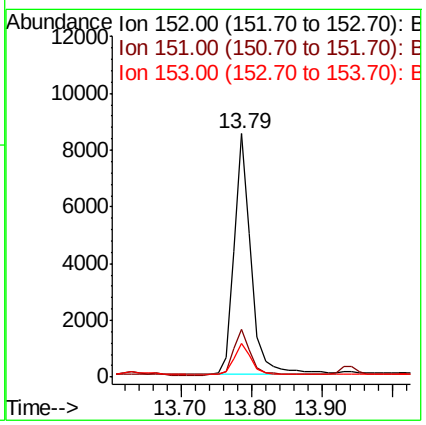


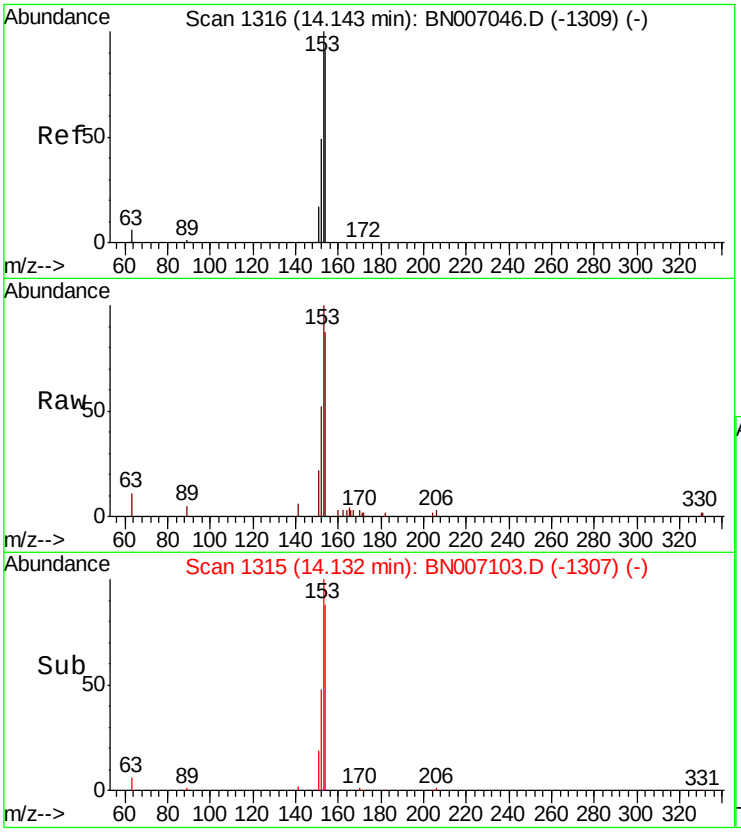


#15
Acenaphthylene
Concen: 0.136 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:152 Resp: 14306

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.4	10.4	15.6



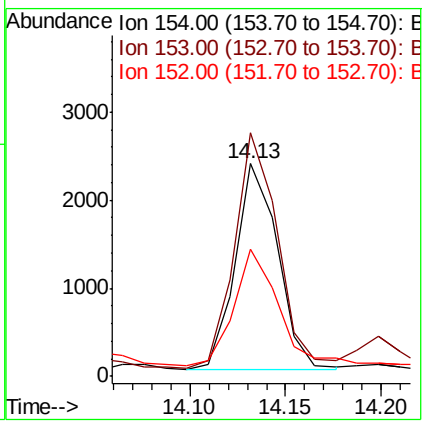


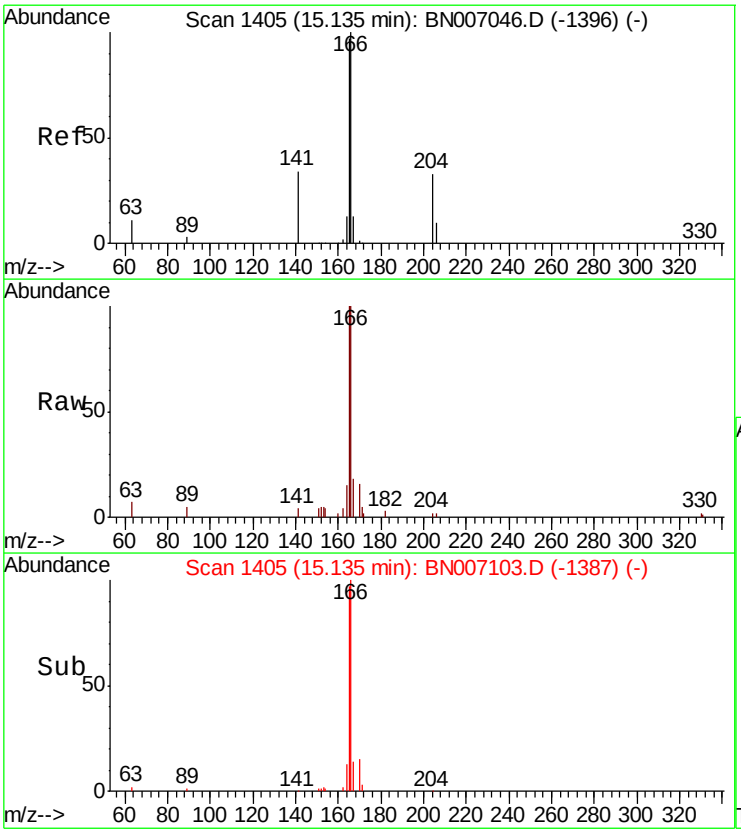
#16
Acenaphthene
Concen: 0.053 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3590

Ion	Ratio	Lower	Upper
154	100		
153	116.2	89.5	134.3
152	63.6	44.8	67.2

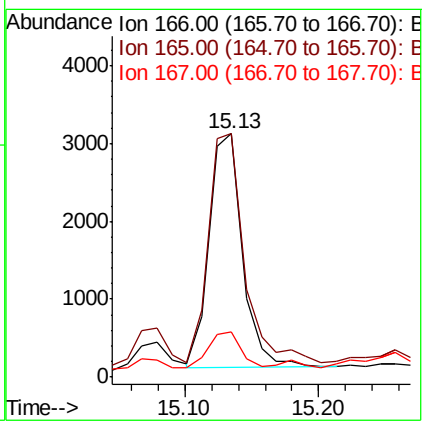


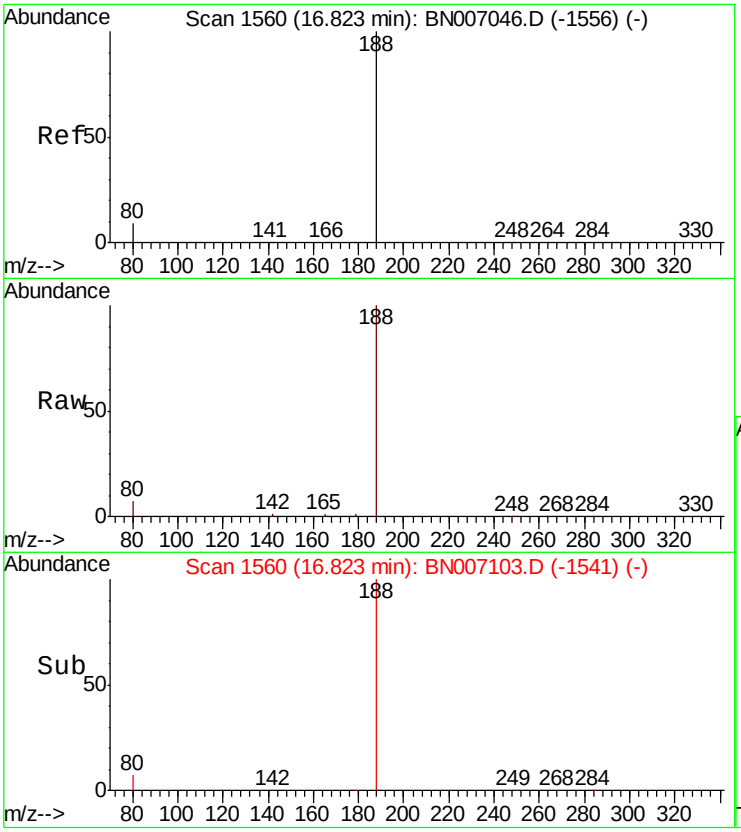


#17
Fluorene
Concen: 0.052 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:166 Resp: 5225

Ion	Ratio	Lower	Upper
166	100		
165	104.3	77.9	116.9
167	16.0	10.9	16.3



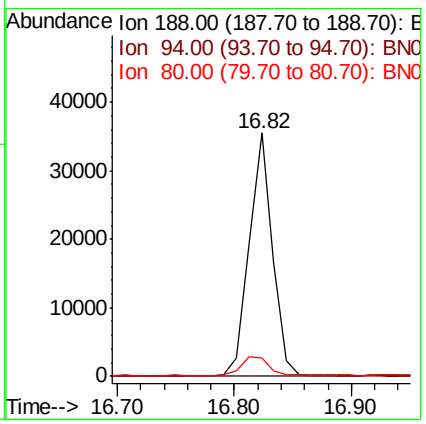


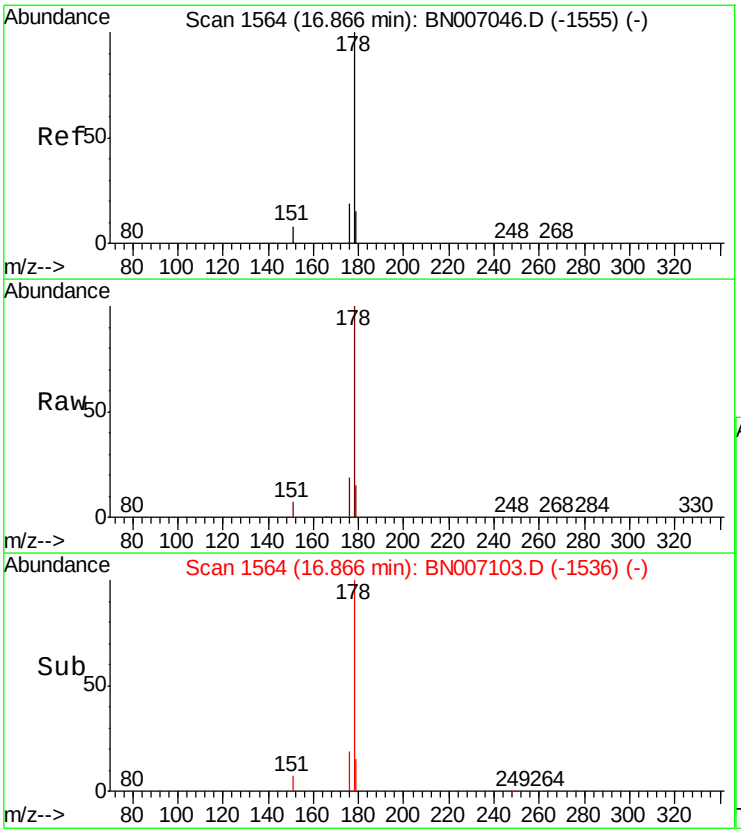
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 49067

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	7.8	11.6#

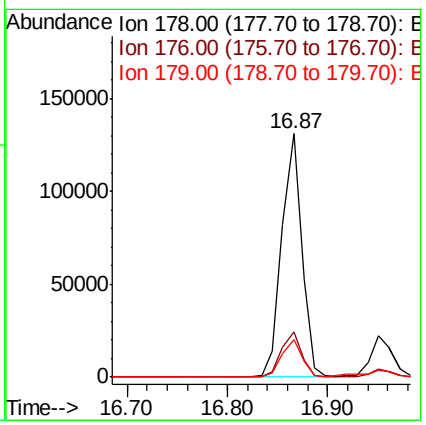


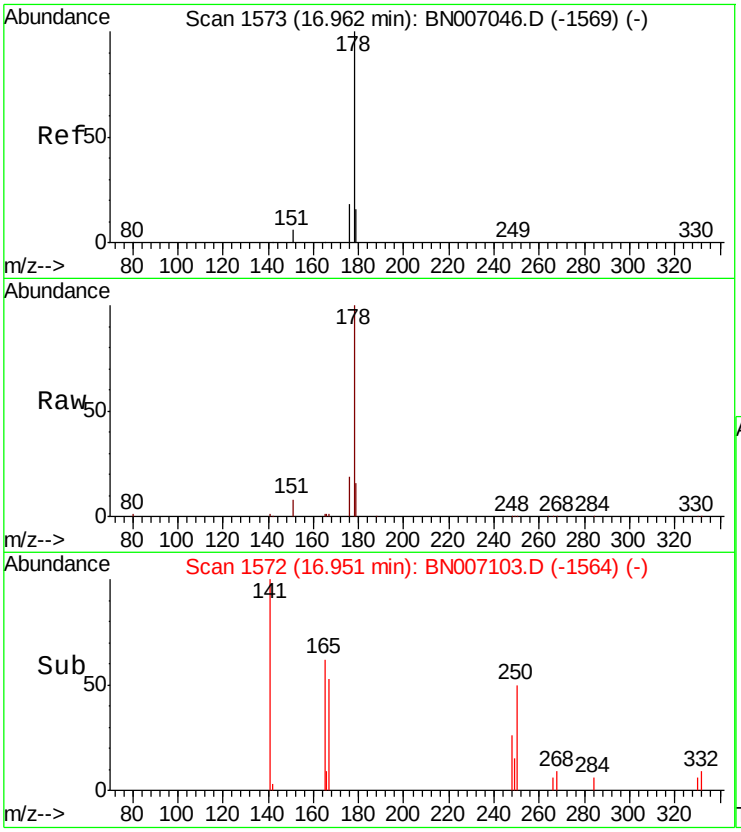


#22
Phenanthrene
Concen: 1.242 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:178 Resp: 182669

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.3	12.3	18.5



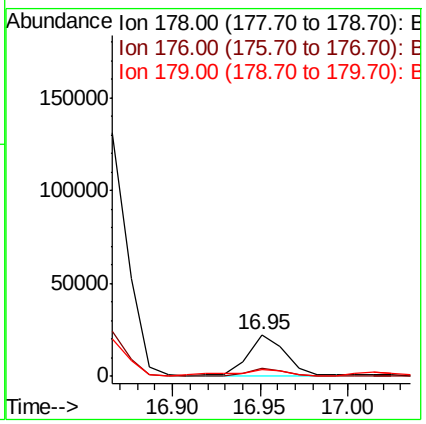


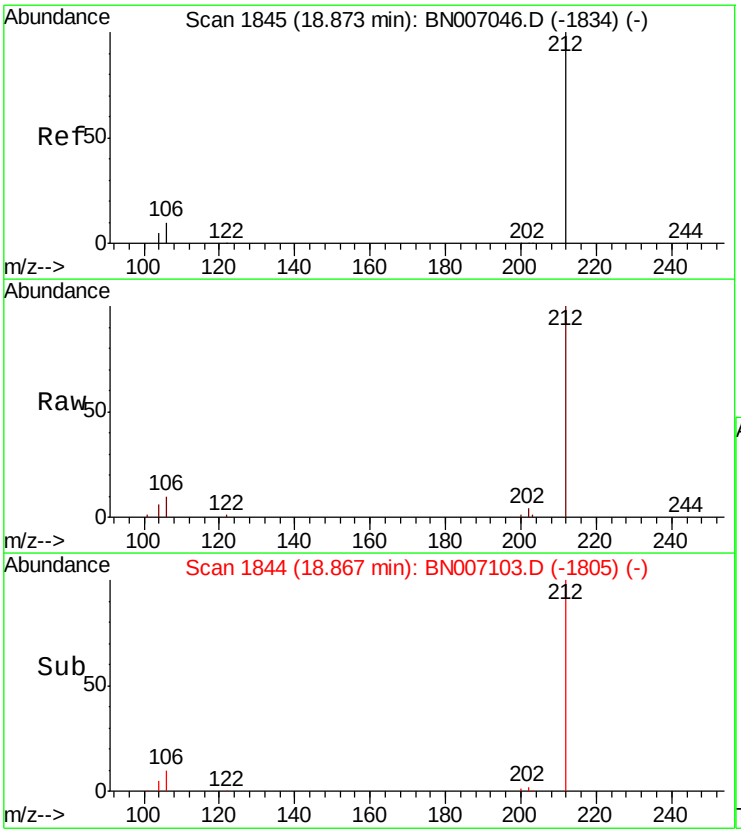
#23
Anthracene
Concen: 0.239 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 32129

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	21.1	12.5	18.7#

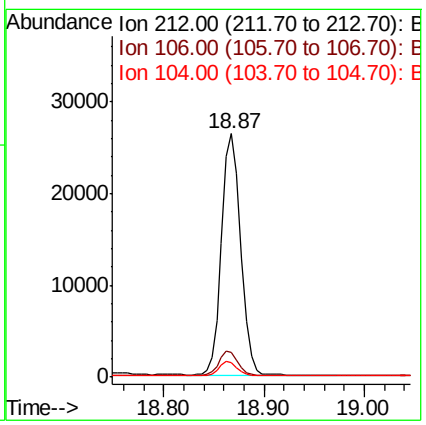


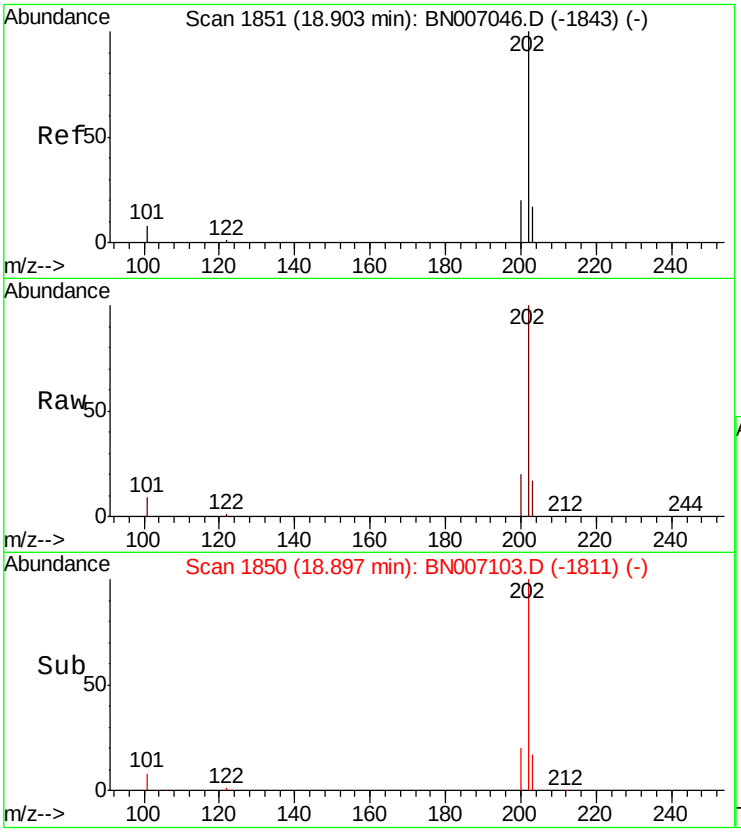


#24
Fluoranthene-d10
Concen: 0.202 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:212 Resp: 35166

Ion	Ratio	Lower	Upper
212	100		
106	10.0	8.2	12.2
104	5.7	4.5	6.7



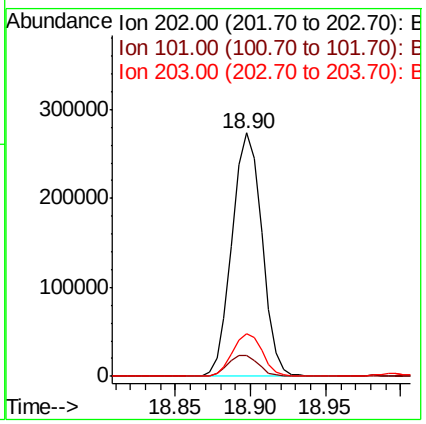


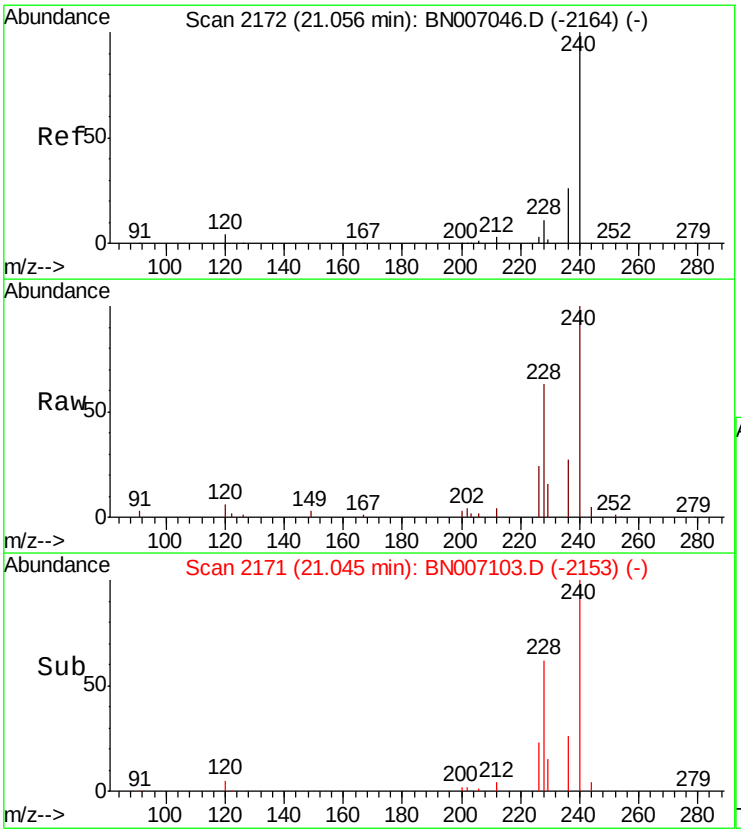
#25
Fluoranthene
Concen: 2.009 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 377965

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
203	17.4	13.8	20.8

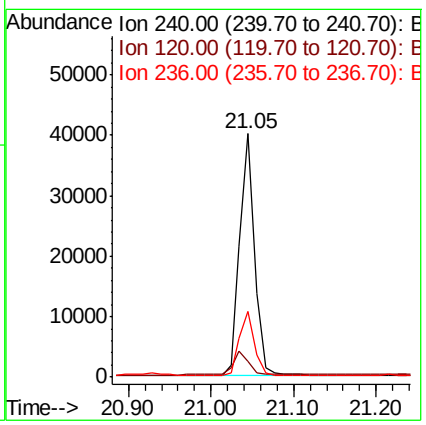


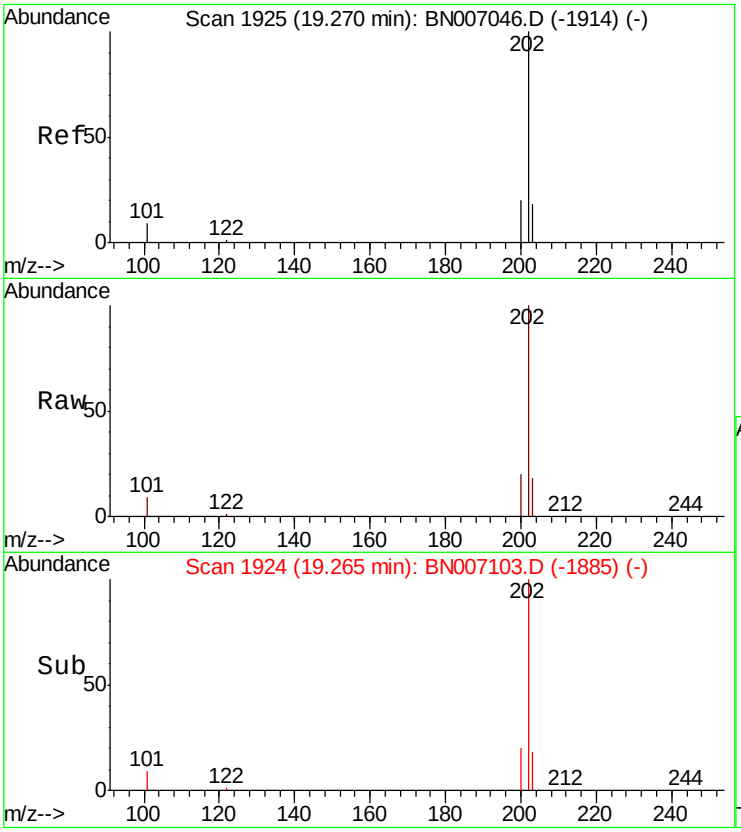


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:240 Resp: 50795

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.0	6.0#
236	27.0	21.3	31.9



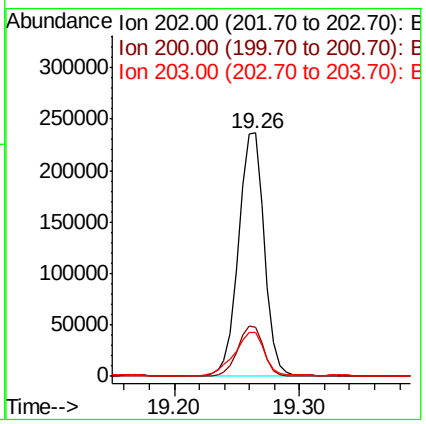


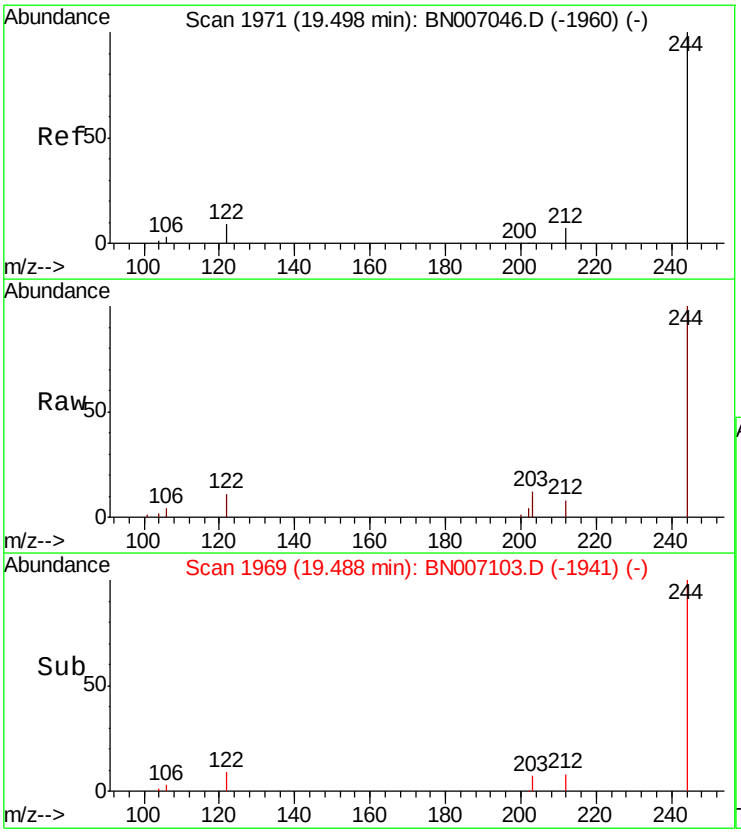
#27
Pyrene
Concen: 1.887 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 336128

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	21.4	14.0	21.0#

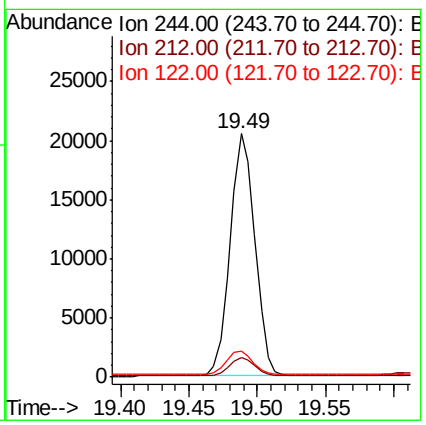


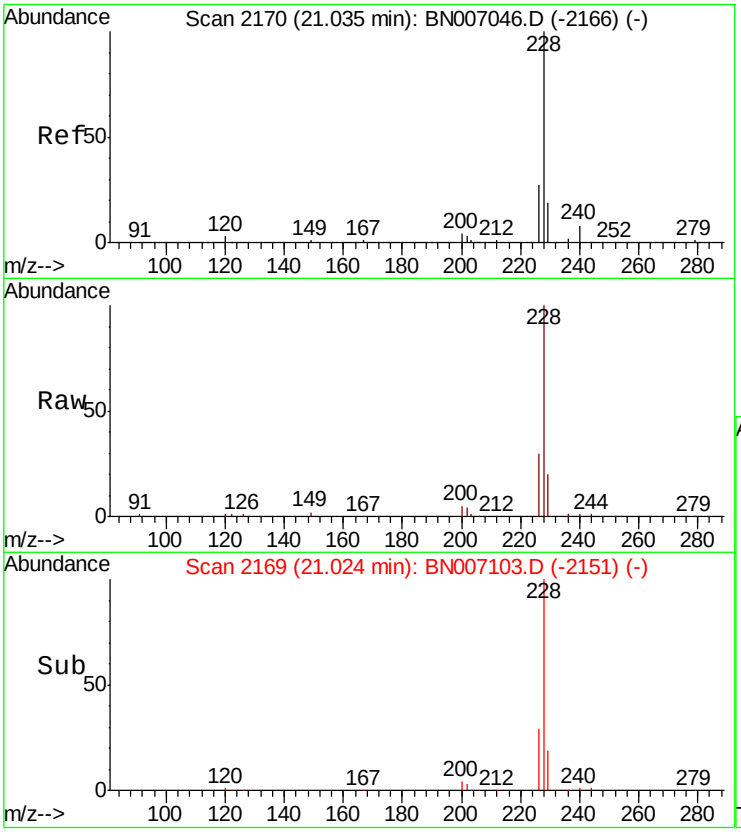


#28
Terphenyl-d14
Concen: 0.186 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:244 Resp: 25726

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	10.6	7.4	11.2



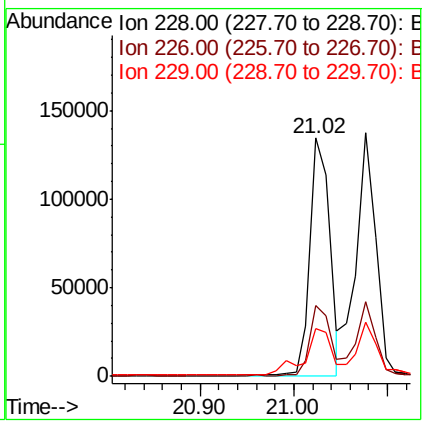


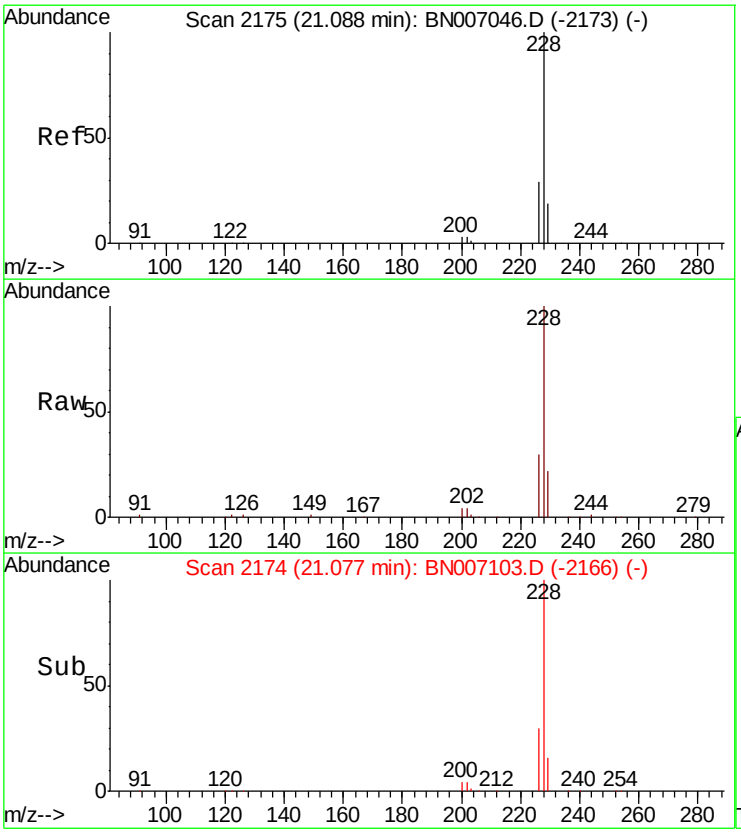
#29
Benzo(a)anthracene
Concen: 1.055 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 196039

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.8	32.6
229	20.1	15.6	23.4

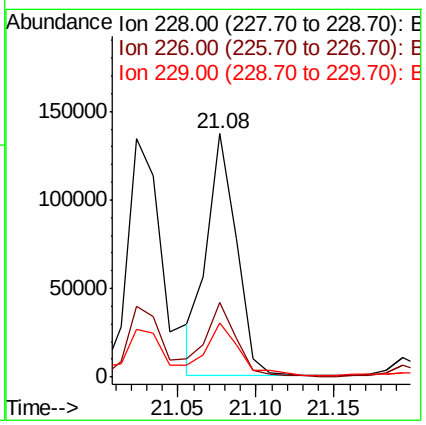


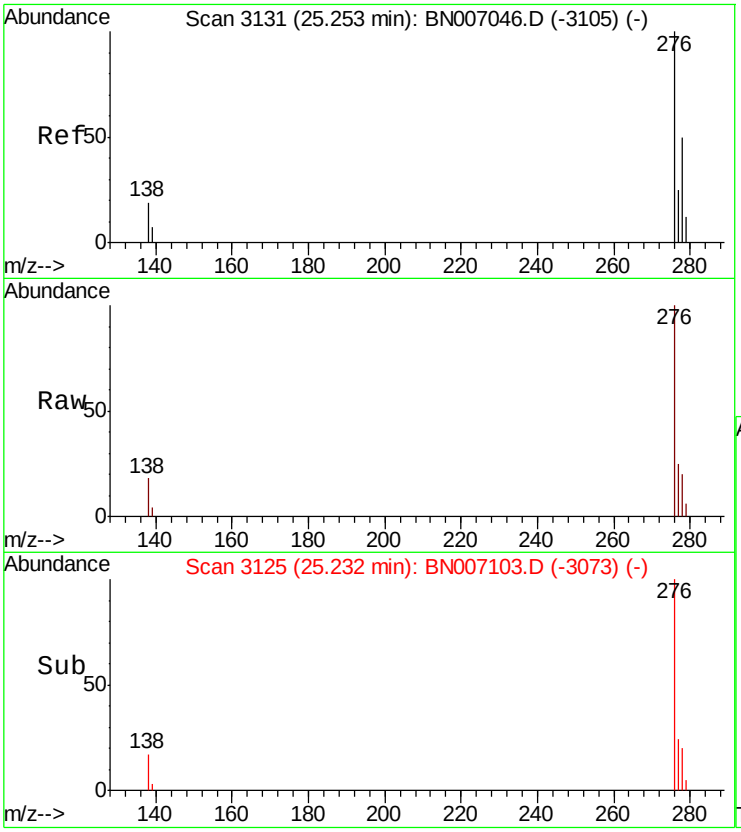


#30
Chrysene
Concen: 0.995 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:228 Resp: 179574

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	22.0	15.7	23.5



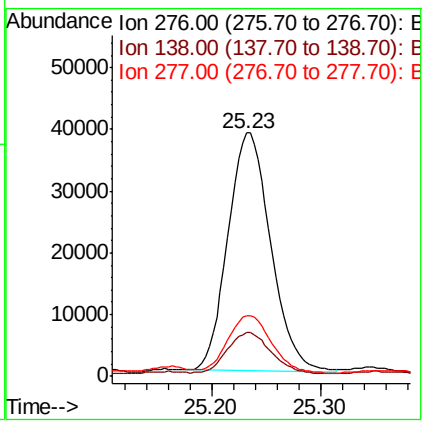


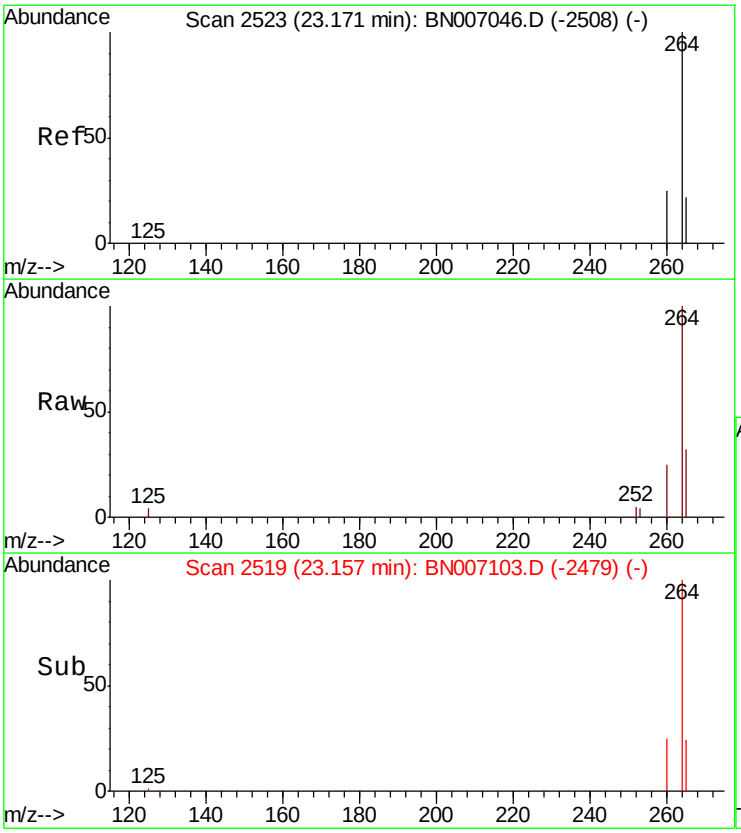
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.528 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 105092

Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.0	24.0
277	24.5	19.9	29.9

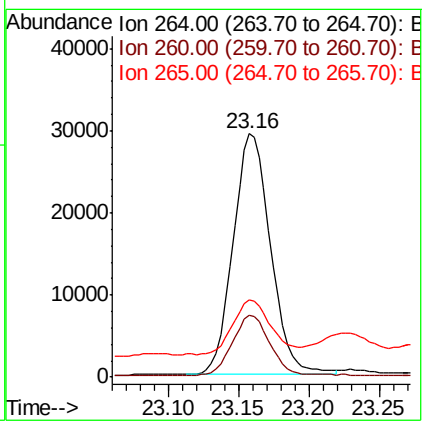


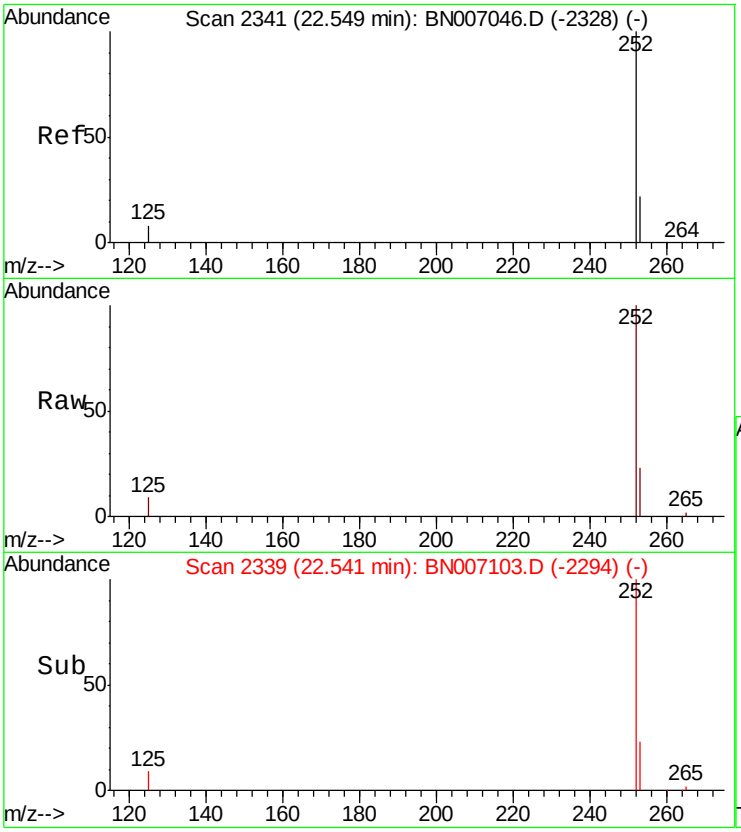


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:264 Resp: 54677

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	31.7	26.2	39.4



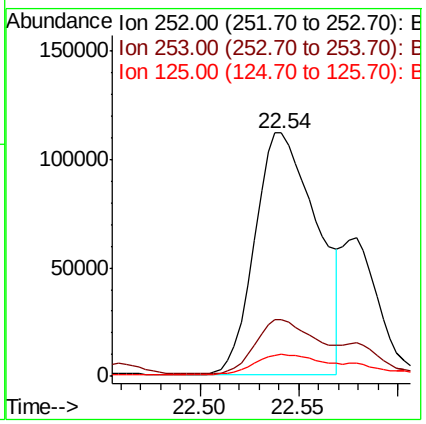


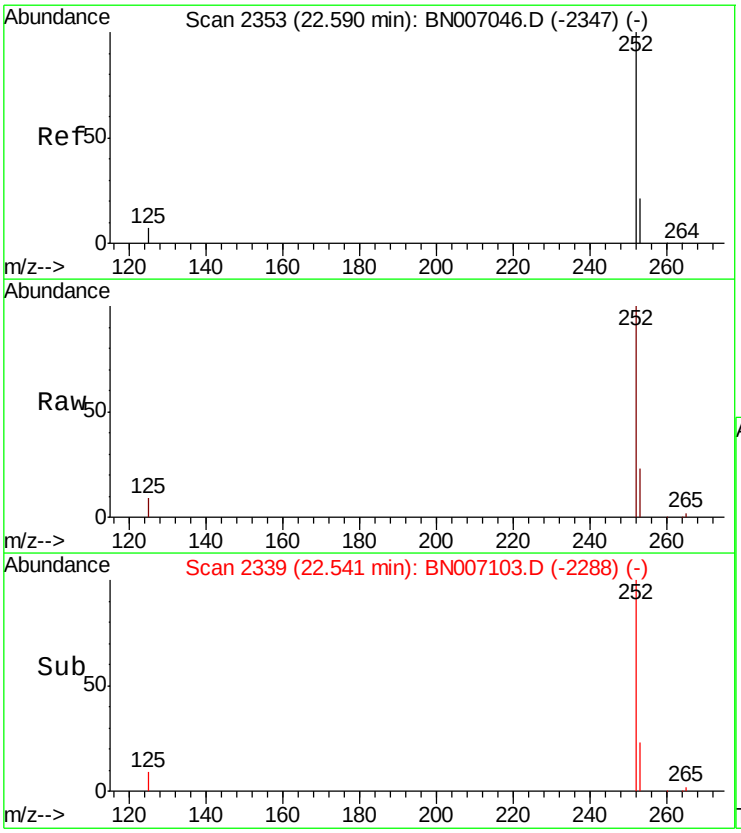
#33
Benzo(b)fluoranthene
Concen: 1.300 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 243651

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.0	7.4	11.0

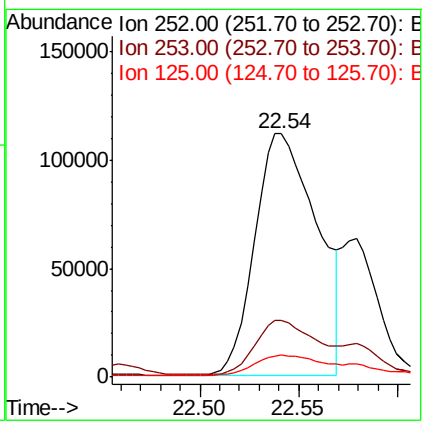


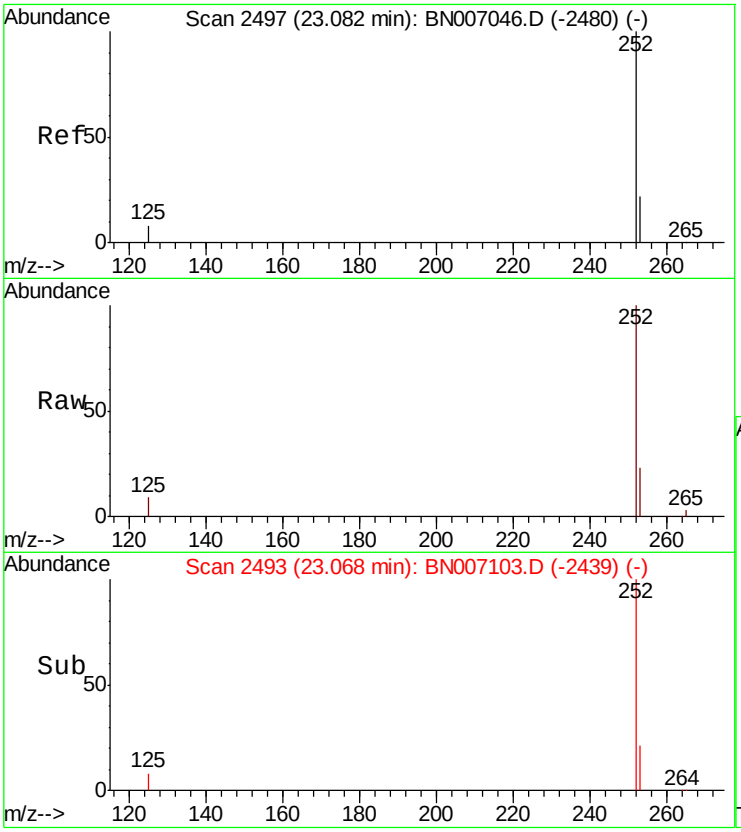


#34
Benzo(k)fluoranthene
Concen: 1.316 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.05 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:252 Resp: 243651

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	9.0	7.4	11.0



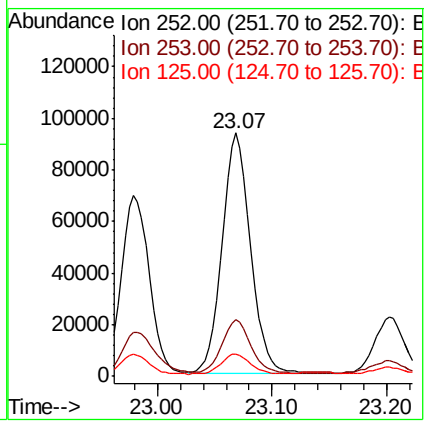


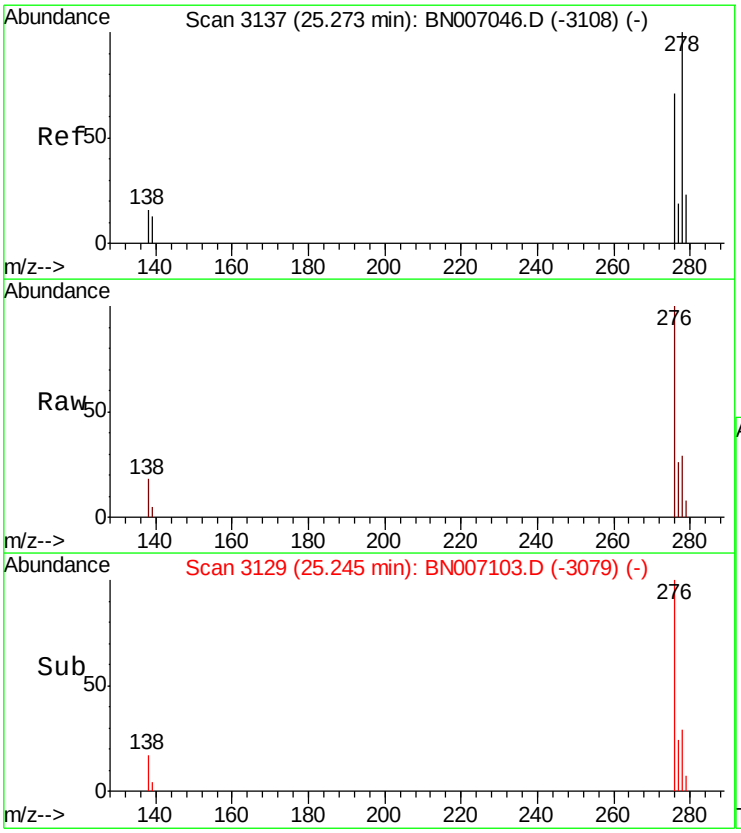
#35
Benzo(a)pyrene
Concen: 0.959 ng
RT: 23.07 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 163042

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	9.3	8.2	12.4

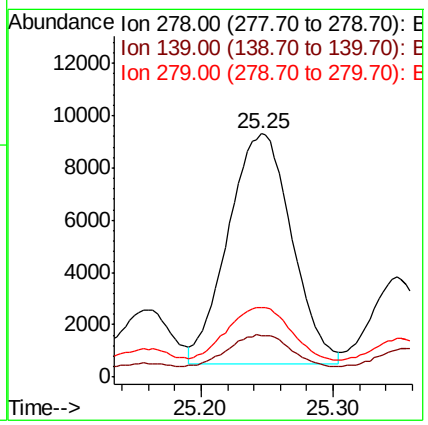


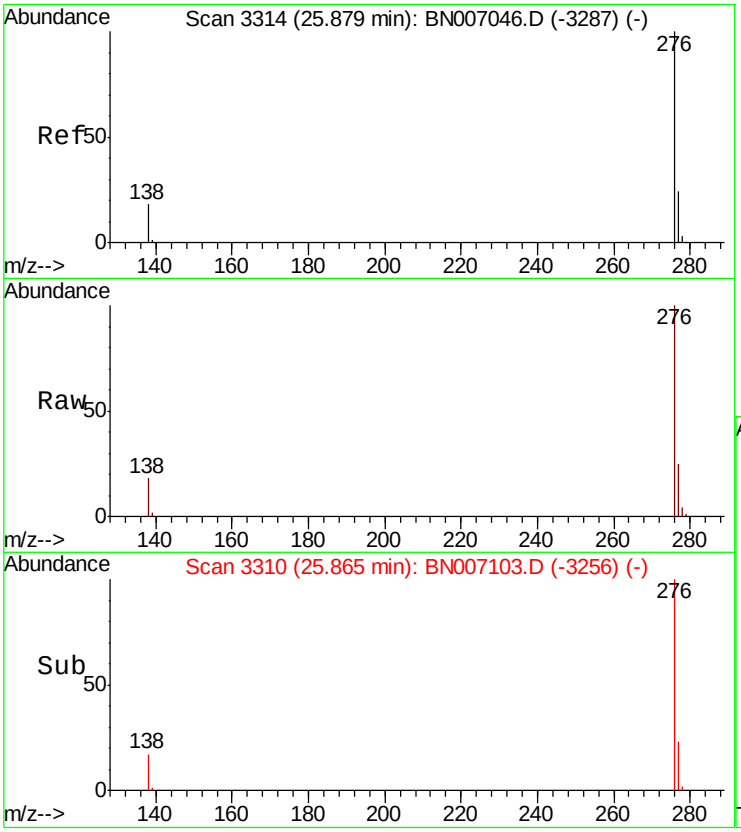


#36
Dibenzo(a,h)anthracene
Concen: 0.173 ng
RT: 25.25 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Tgt Ion:278 Resp: 29404

Ion	Ratio	Lower	Upper
278	100		
139	17.2	11.3	16.9#
279	28.5	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.590 ng
RT: 25.86 min Scan# 3310
Delta R.T. -0.01 min
Lab File: BN007103.D
Acq: 12 Aug 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 102845

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	18.2	14.6	22.0