Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007058.D
Acq On : 10 Aug 2019 21:10
Operator : HP/JU
Sample : K4144-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 12 04:37:54 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	7997	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	29891	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	17420	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	43537	0.40	ng		0.00
26) Chrysene-d12	21.05	240	45798	0.40	ng		-0.01
32) Perylene-d12	23.16	264	50399	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5086	0.26	ng		0.00
4) Phenol-d6	6.61	99	7072	0.30	ng		0.00
7) Nitrobenzene-d5	8.56	82	5354	0.22	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	12401	0.22	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1682	0.18	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	4898	0.19	ng		0.00
24) Fluoranthene-d10	18.87	212	30847	0.20	ng		0.00
28) Terphenyl-d14	19.49	244	23756	0.19	ng		0.00
Target Compounds							Qvalue
8) Naphthalene	10.24	128	6444	0.077	ng		96
11) 2-Methylnaphthalene	11.87	142	4358	0.073	ng		96
15) Acenaphthylene	13.79	152	30812	0.338	ng		99
16) Acenaphthene	14.14	154	4189	0.072	ng		94
17) Fluorene	15.14	166	6955	0.080	ng	#	84
22) Phenanthrene	16.87	178	140810	1.079	ng		100
23) Anthracene	16.96	178	33119	0.278	ng	#	95
25) Fluoranthene	18.90	202	241694	1.448	ng		100
27) Pyrene	19.26	202	285207	1.776	ng	#	95
29) Benzo(a)anthracene	21.02	228	151001	0.902	ng		93
30) Chrysene	21.08	228	152252	0.936	ng		96
31) Indeno(1,2,3-cd)pyrene	25.24	276	86689	0.483	ng		98
33) Benzo(b)fluoranthene	22.54	252	236869	1.371	ng		99
34) Benzo(k)fluoranthene	22.54	252	236869	1.388	ng		99
35) Benzo(a)pyrene	23.07	252	137440	0.877	ng		99
36) Dibenzo(a,h)anthracene	25.25	278	25141	0.161	ng	#	87
37) Benzo(g,h,i)perylene	25.87	276	98229	0.611	ng		99

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

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Acq On : 10 Aug 2019 21:10
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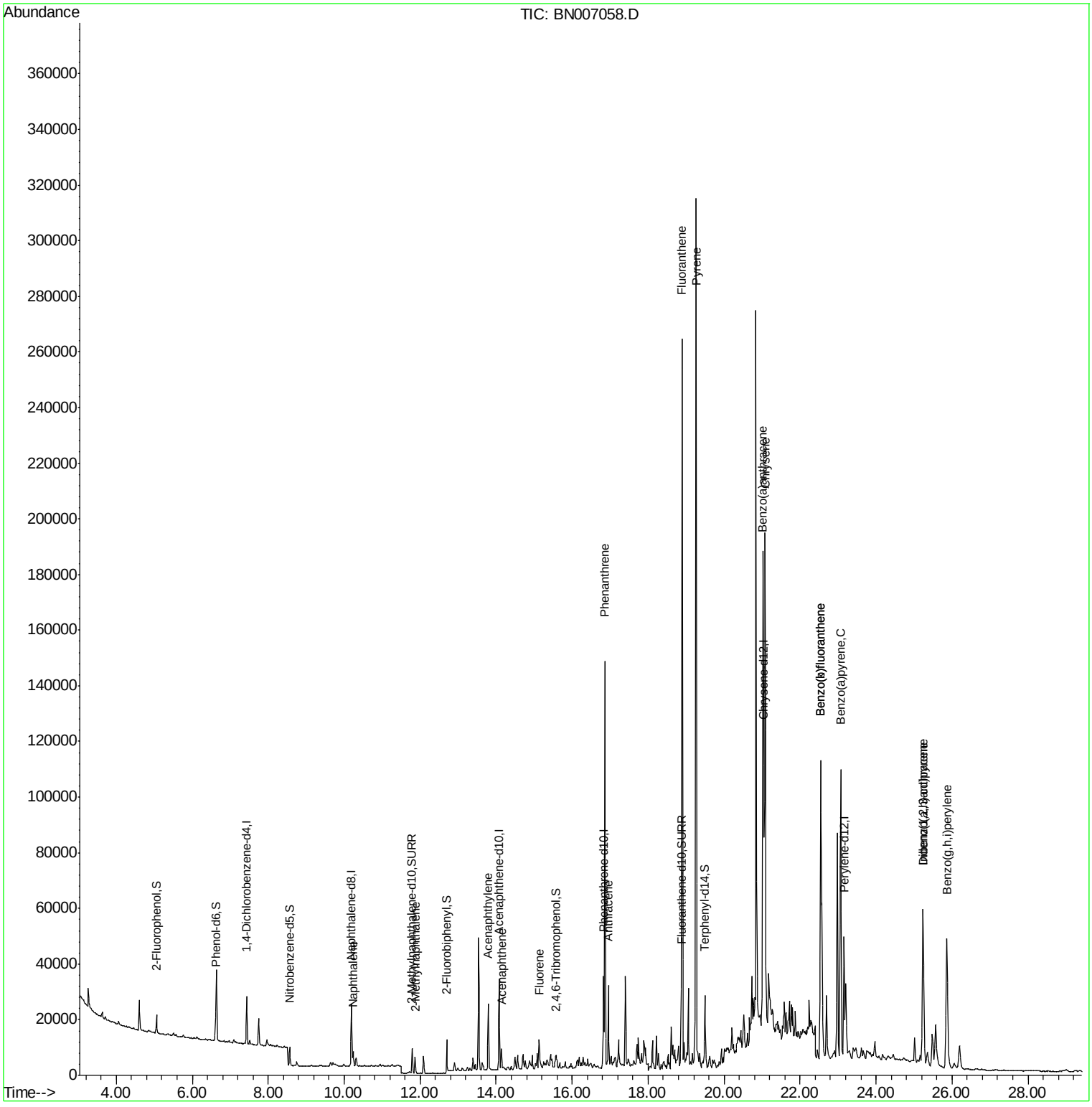
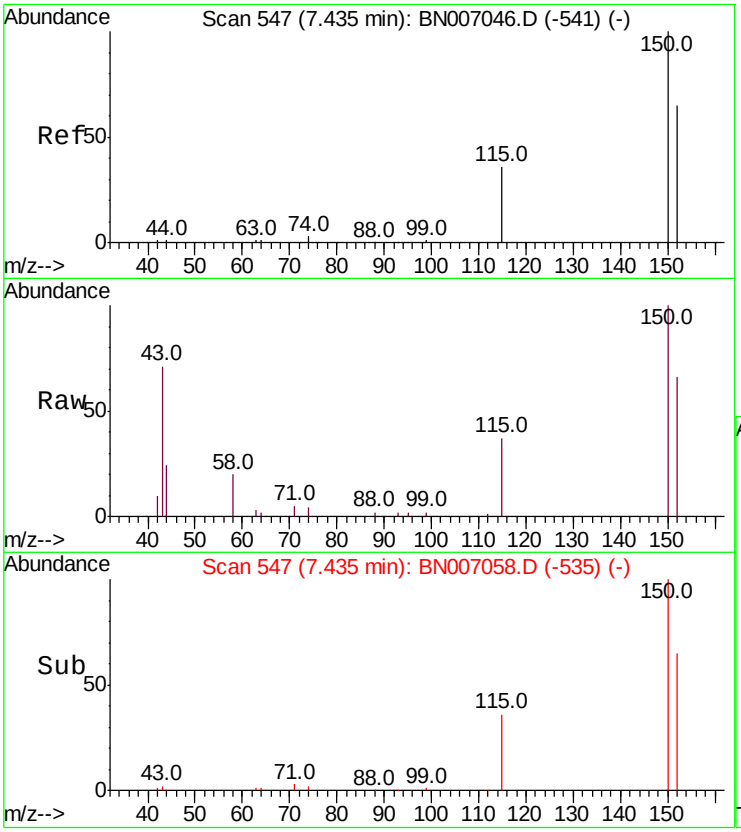
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



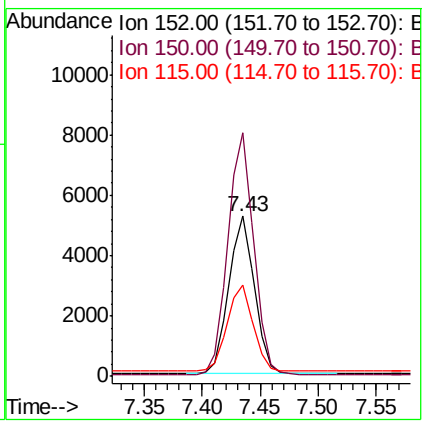


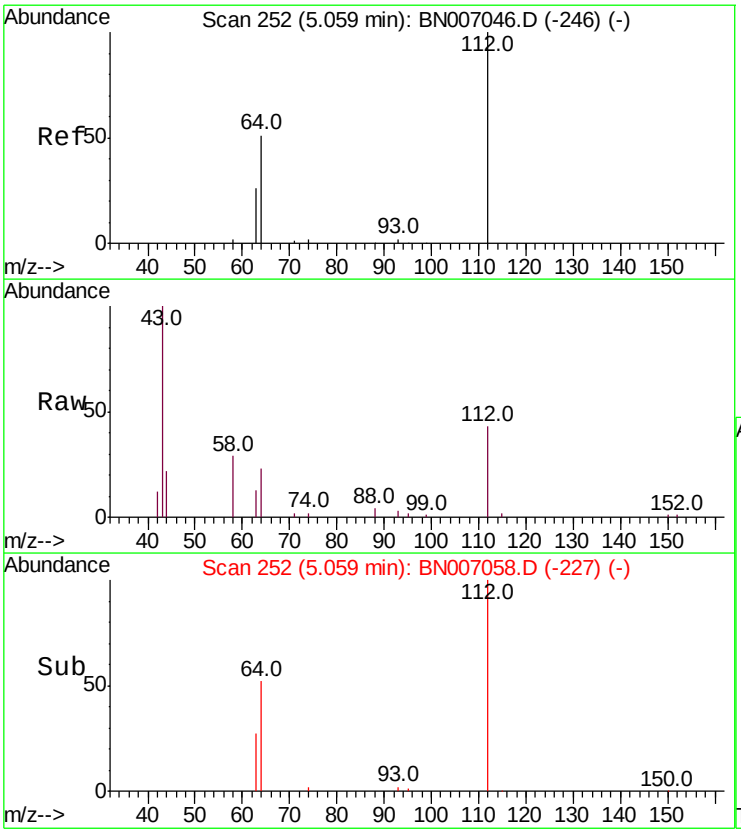
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7997

Ion	Ratio	Lower	Upper
152	100		
150	152.1	121.7	182.5
115	57.0	46.2	69.4

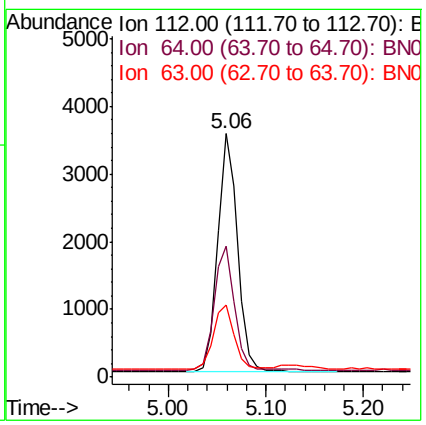


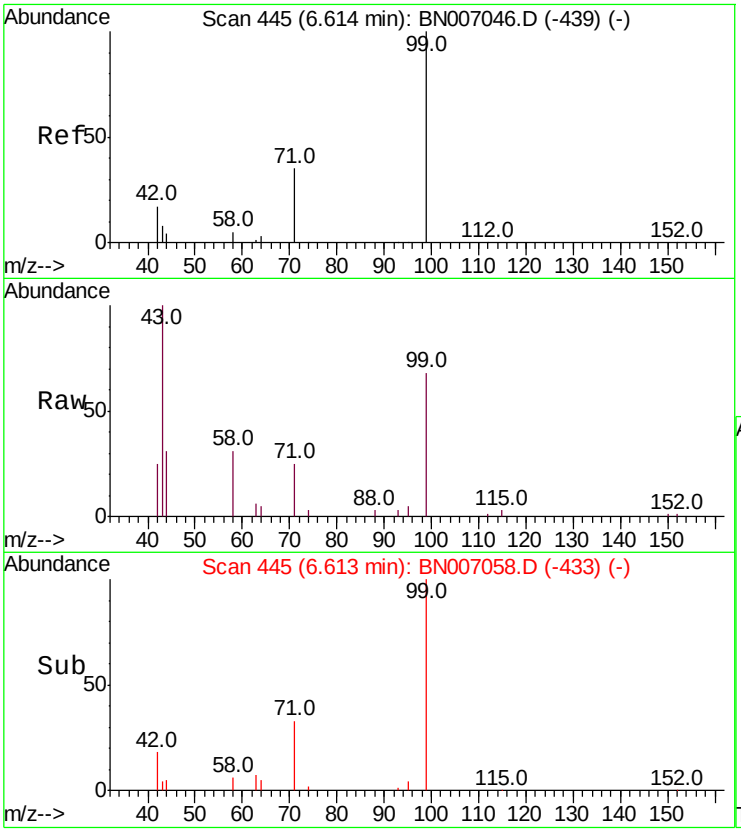


#3
2-Fluorophenol
Concen: 0.265 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:112 Resp: 5086

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.6	63.8
63	27.5	22.2	33.2



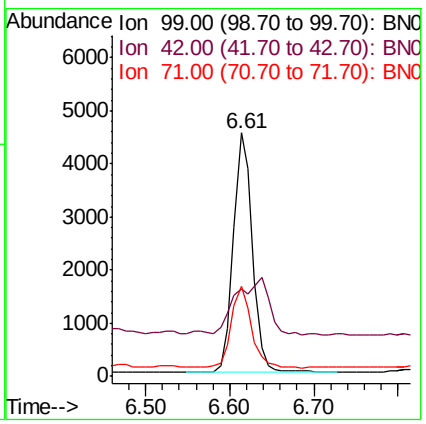


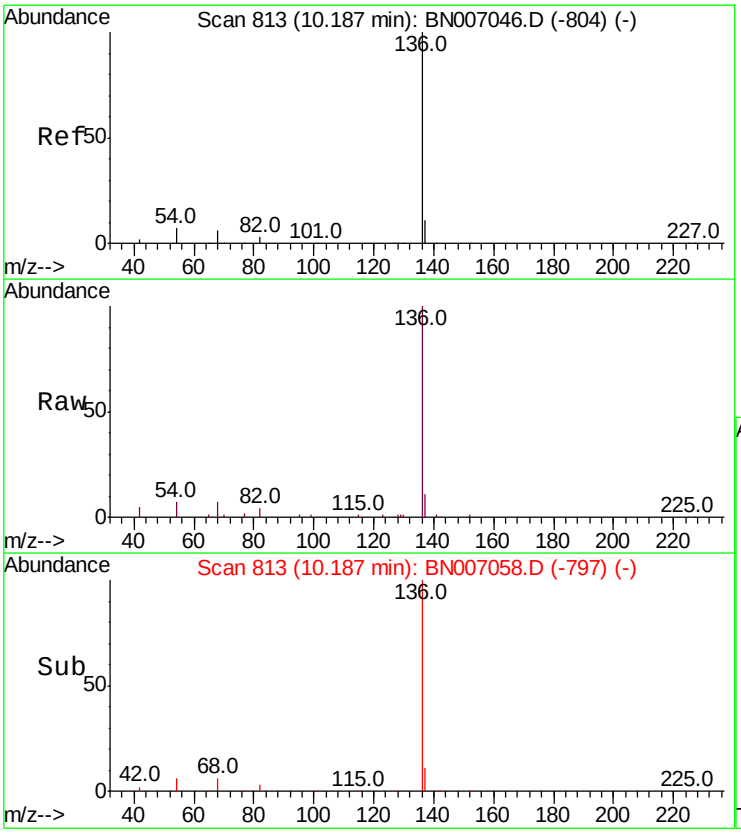
#4
Phenol-d6
Concen: 0.297 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7072

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	36.4	27.0	40.4

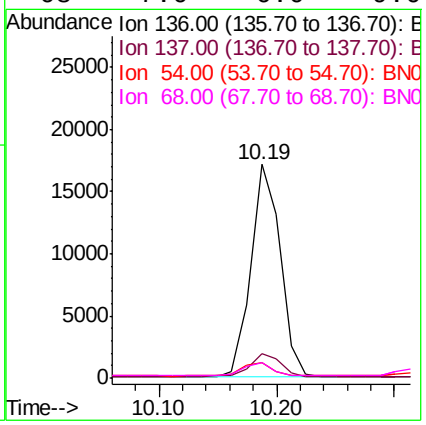


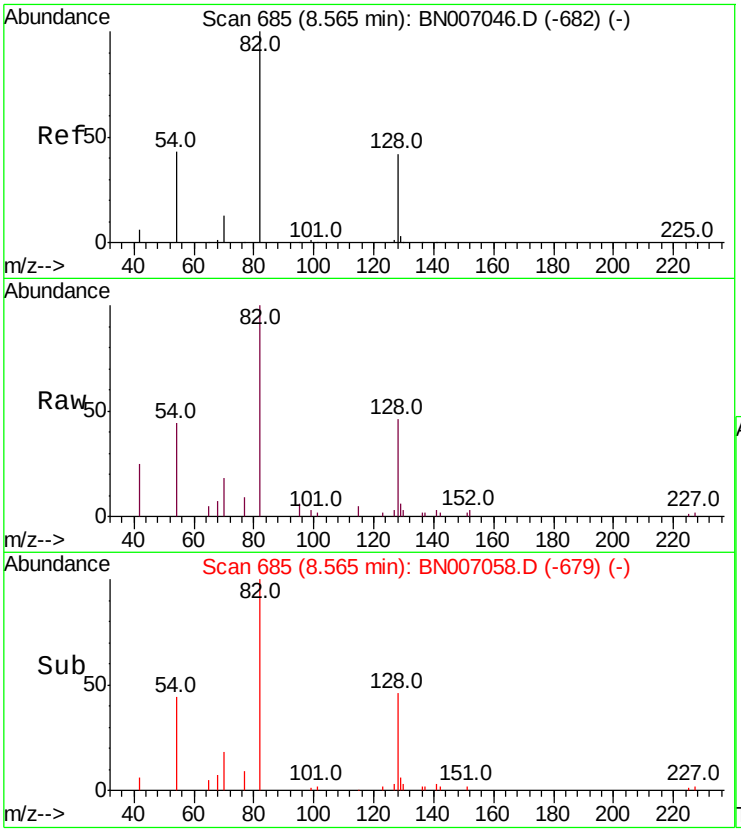


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:136 Resp: 29891

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	7.4	6.6	9.8
68	7.0	6.0	9.0



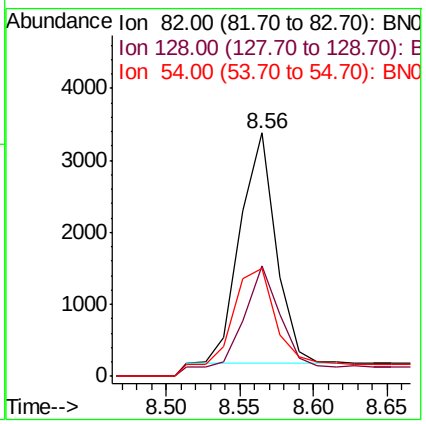


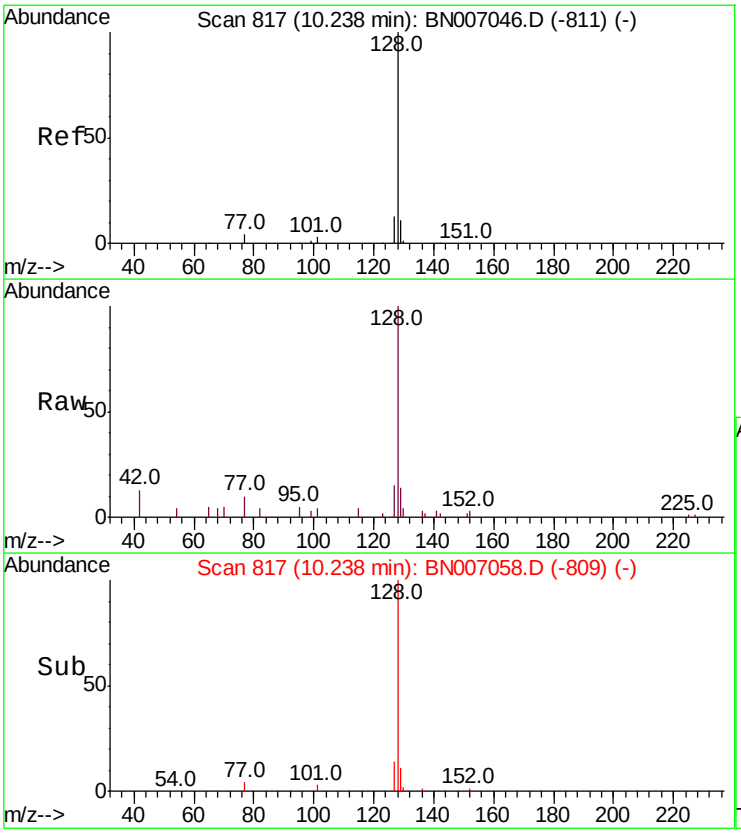
#7
Nitrobenzene-d5
Concen: 0.222 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 5354

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	44.4	36.2	54.4

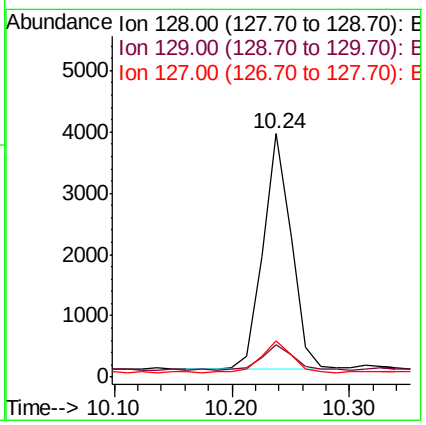


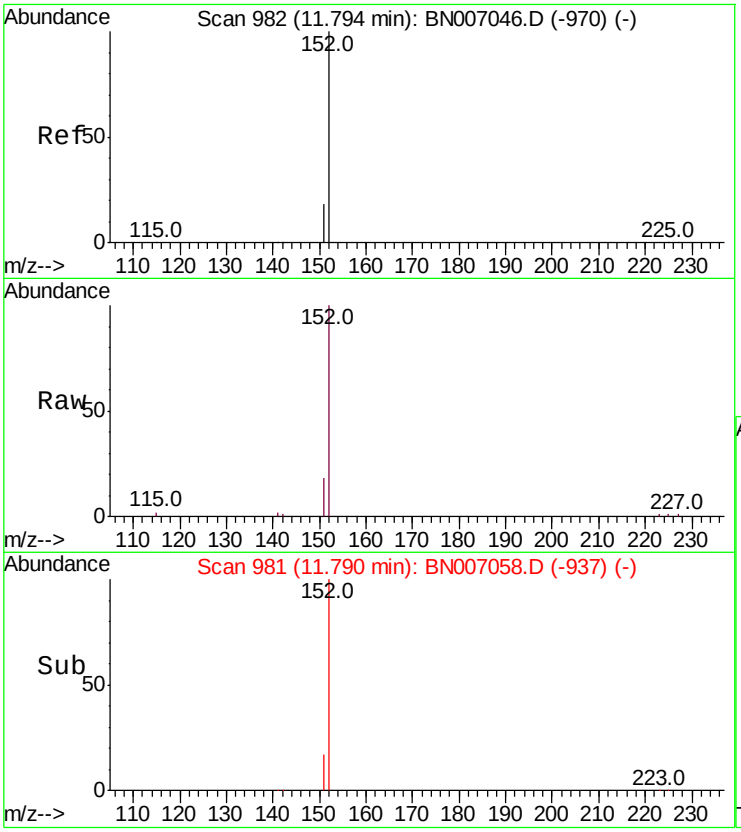


#8
Naphthalene
Concen: 0.077 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:128 Resp: 6444

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.4	14.2
127	15.0	11.0	16.6



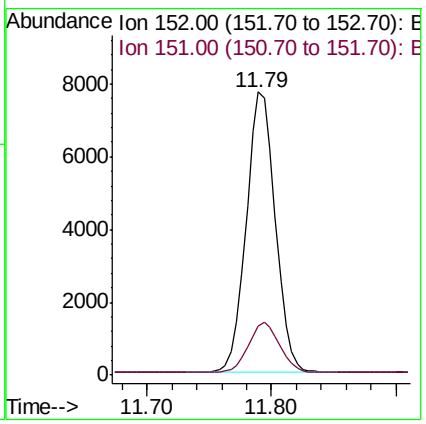


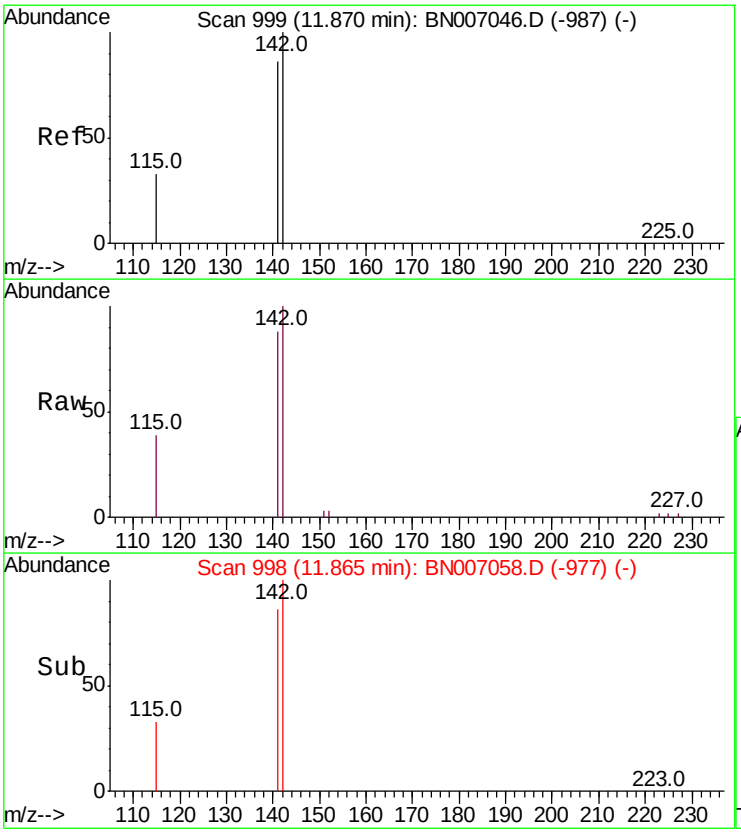
#10
2-Methylnaphthalene-d10
Concen: 0.223 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12401

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3

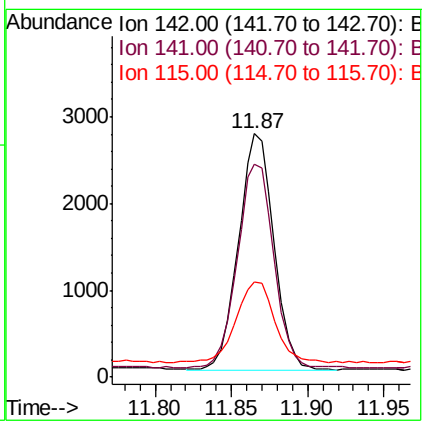


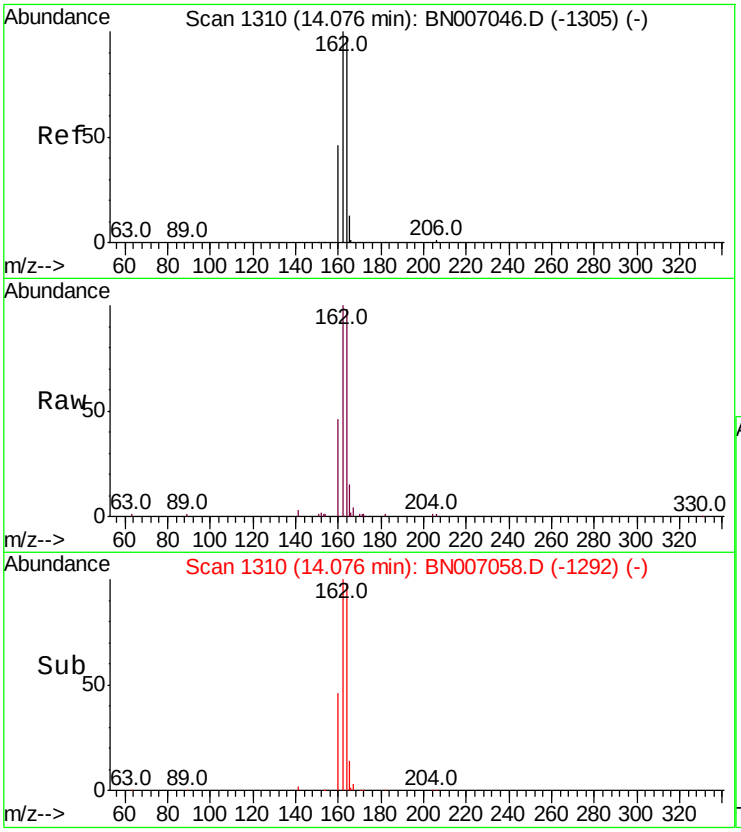


#11
2-Methylnaphthalene
Concen: 0.073 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:142 Resp: 4358

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.0	103.6
115	39.0	27.1	40.7



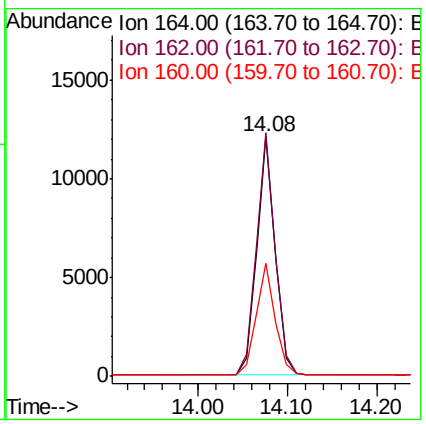


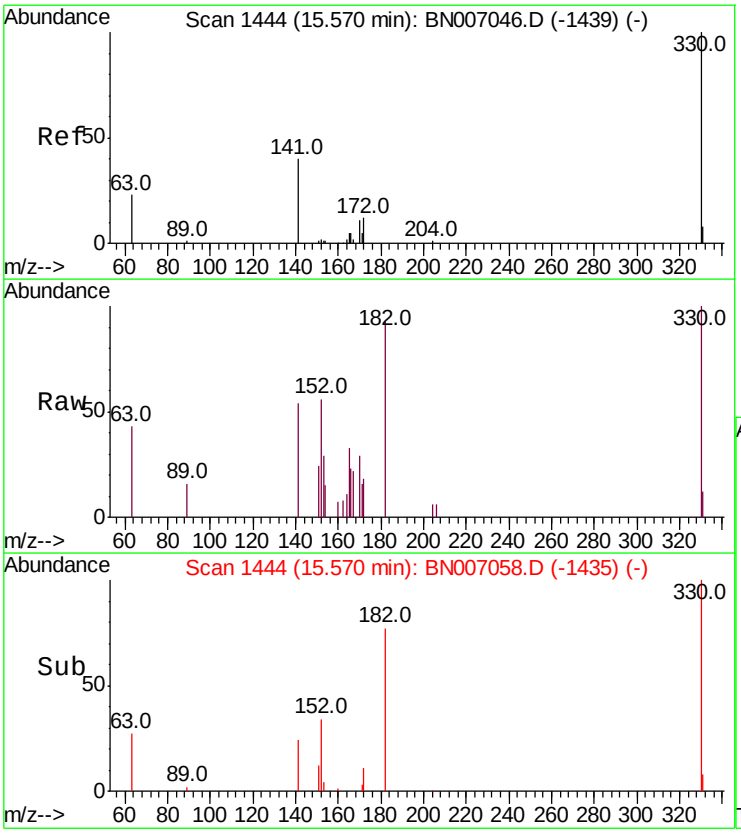
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 17420

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.4
160	47.0	38.3	57.5

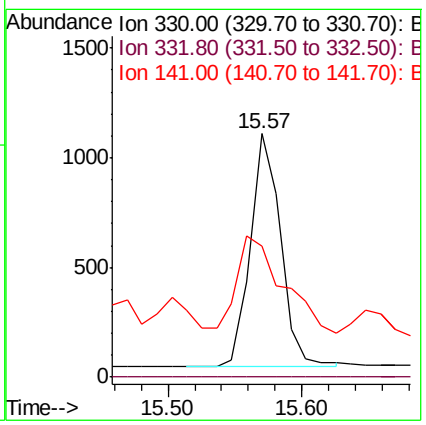


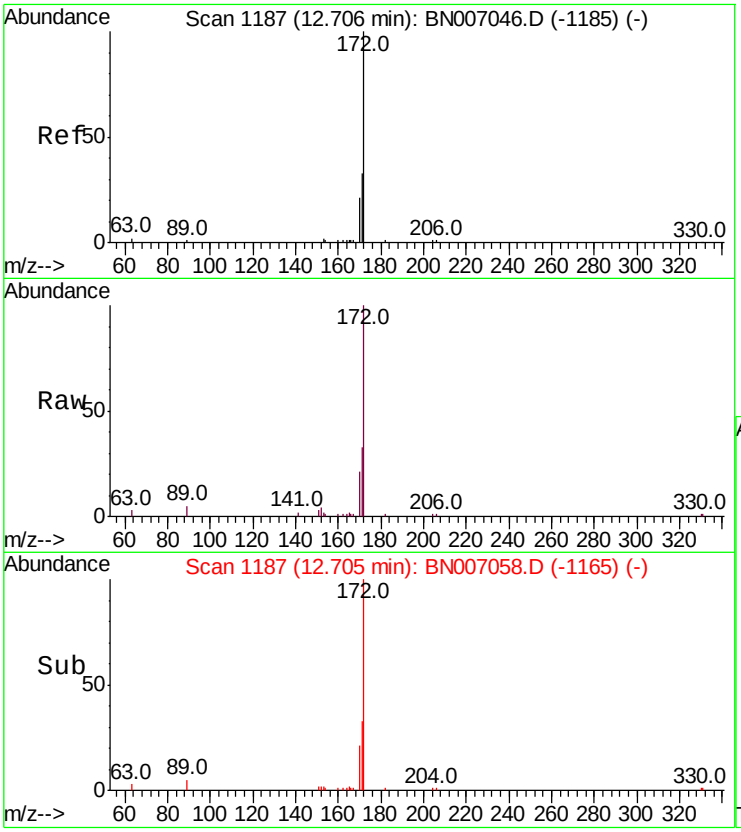


#13
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:330 Resp: 1682

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	63.4	33.6	50.4#



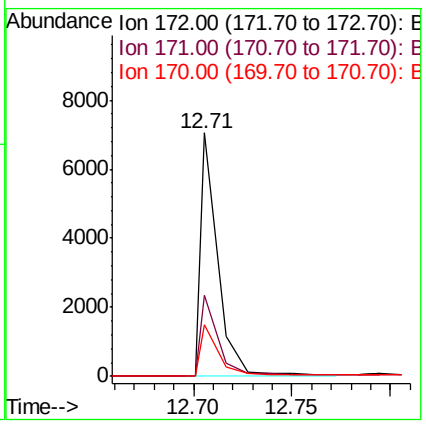


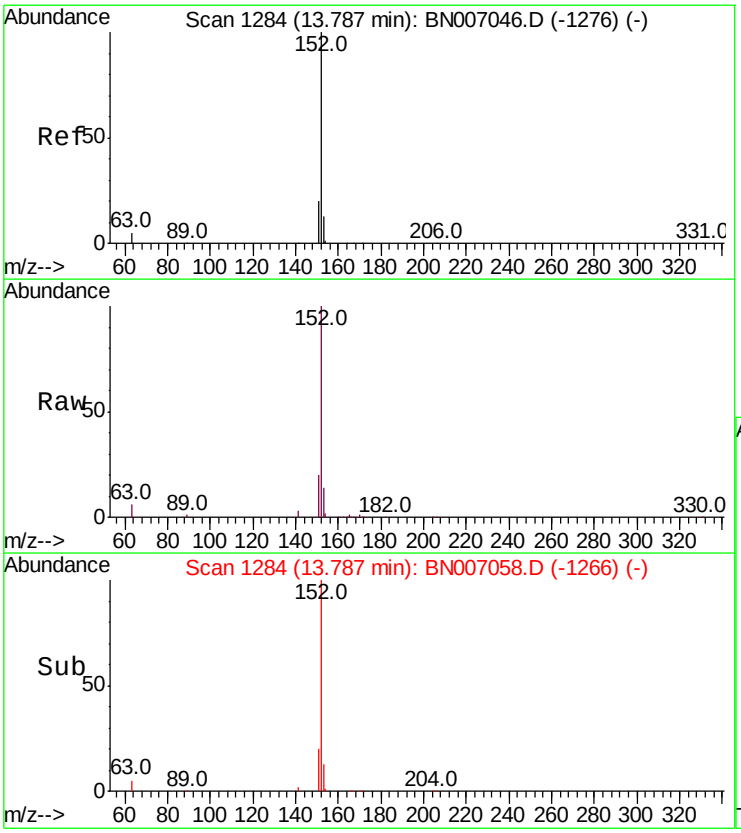
#14
2-Fluorobiphenyl
Concen: 0.193 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4898

Ion	Ratio	Lower	Upper
172	100		
171	33.3	26.3	39.5
170	21.1	17.0	25.4

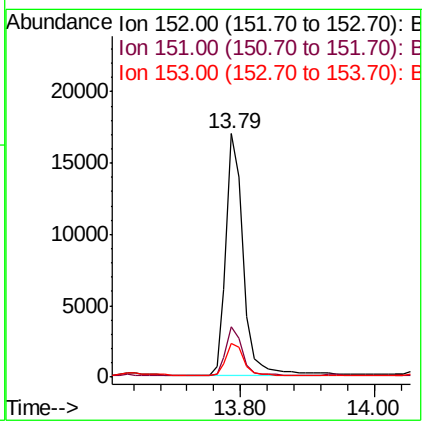


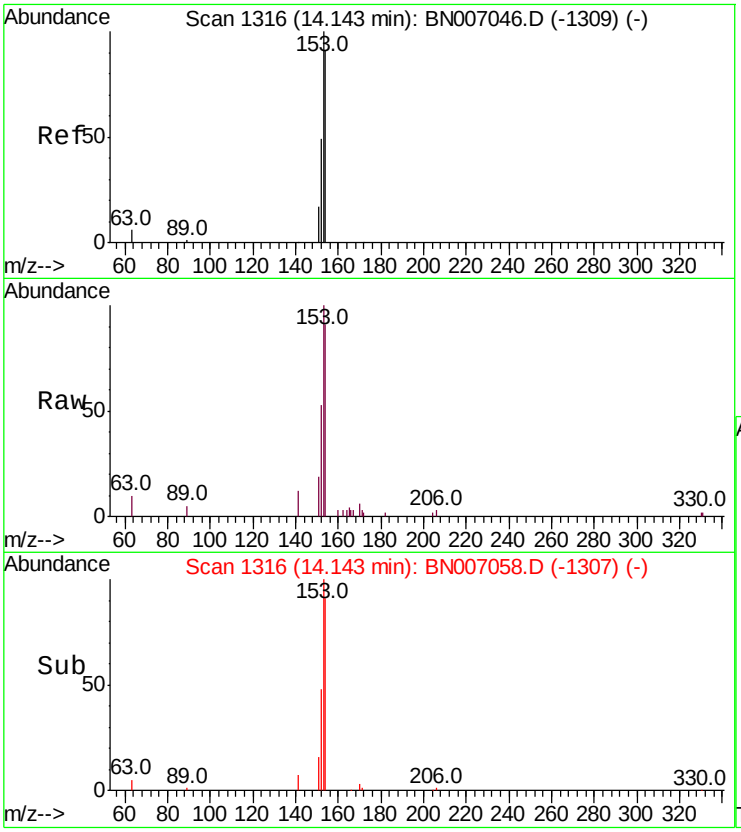


#15
Acenaphthylene
Concen: 0.338 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:152 Resp: 30812

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.6	10.4	15.6



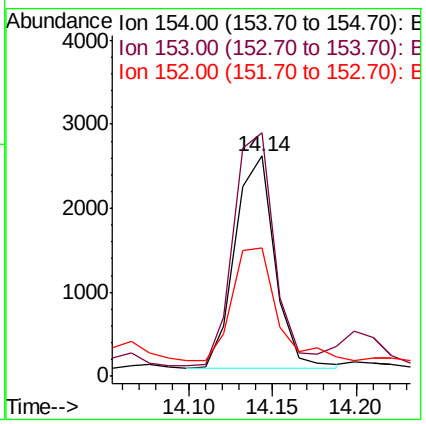


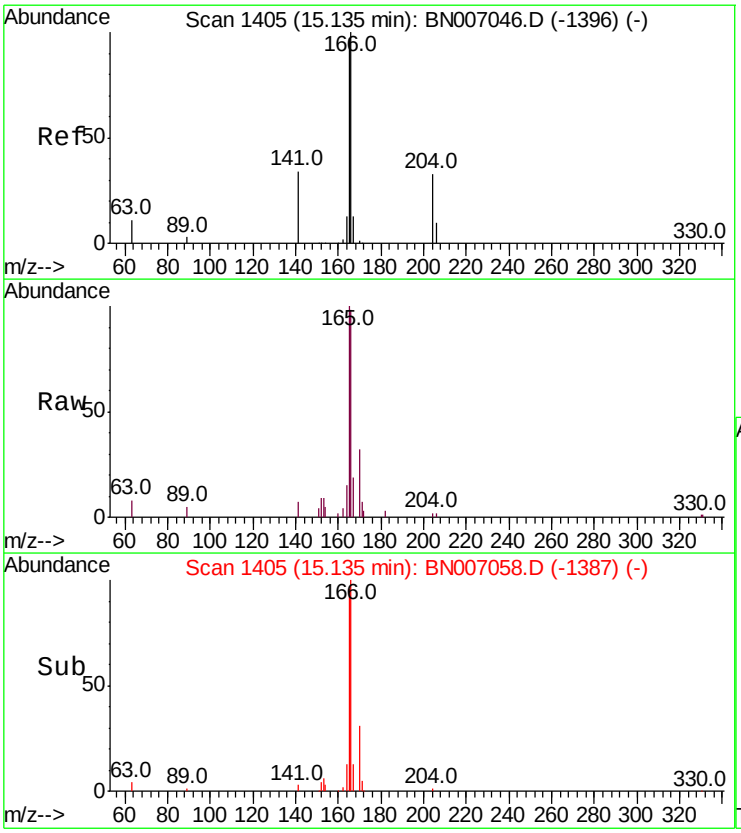
#16
Acenaphthene
Concen: 0.072 ng
RT: 14.14 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4189

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.5	134.3
152	65.7	44.8	67.2

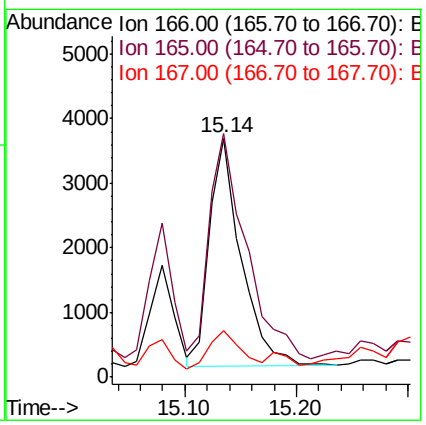


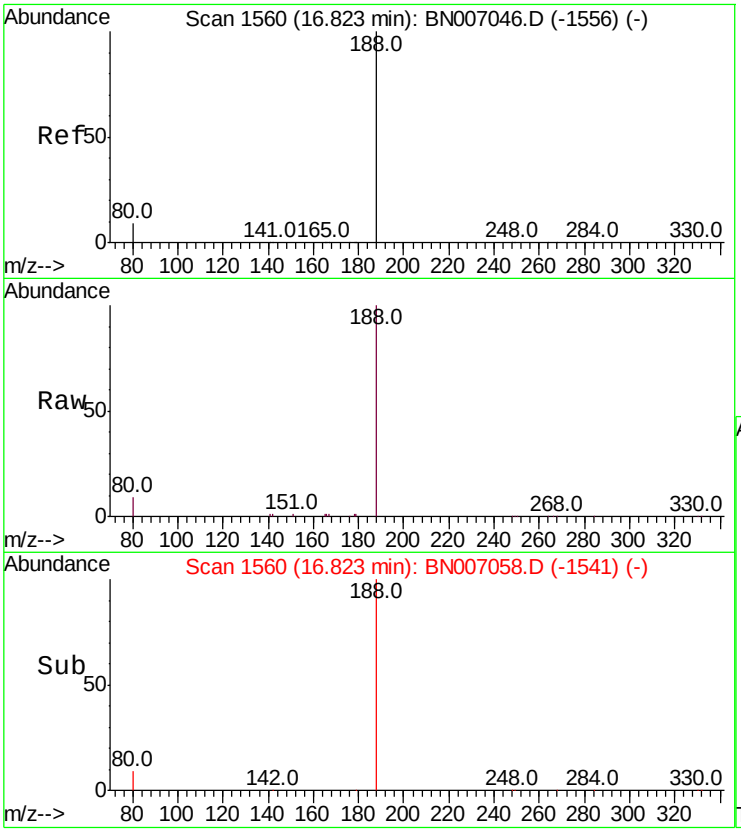


#17
Fluorene
Concen: 0.080 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:166 Resp: 6955

Ion	Ratio	Lower	Upper
166	100		
165	114.6	77.9	116.9
167	16.8	10.9	16.3#



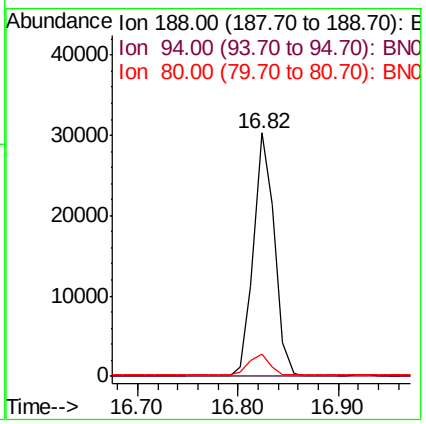


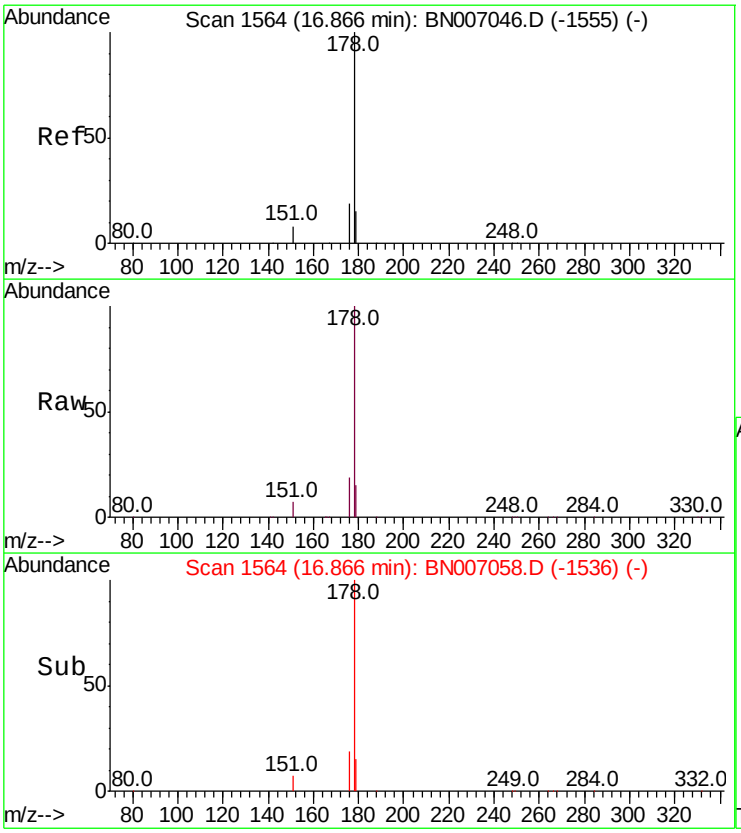
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 43537

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.8	11.6

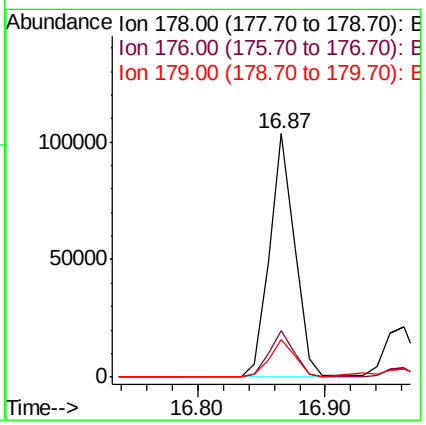


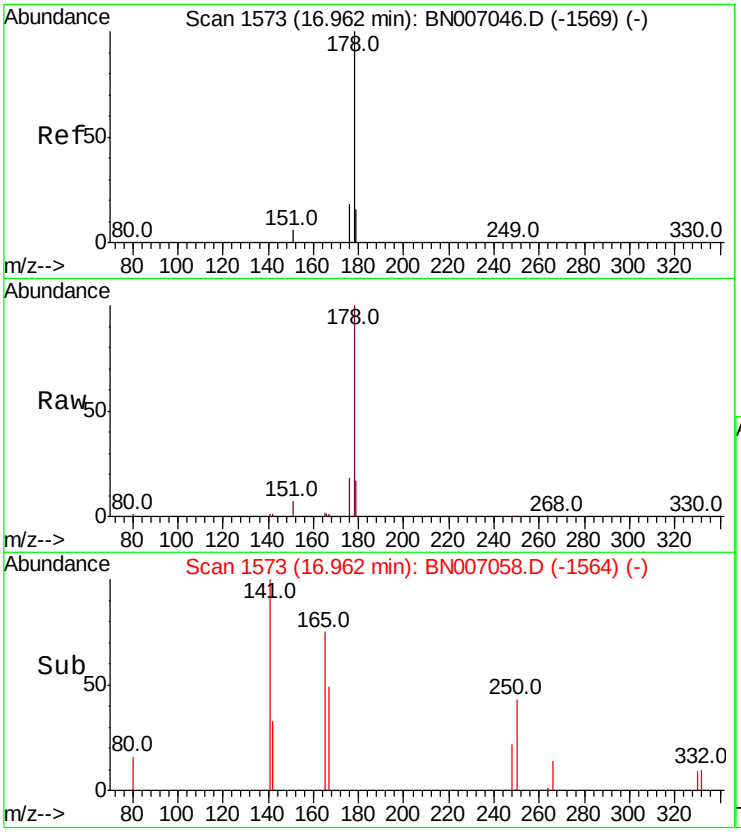


#22
Phenanthrene
Concen: 1.079 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:178 Resp: 140810

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.6	12.3	18.5



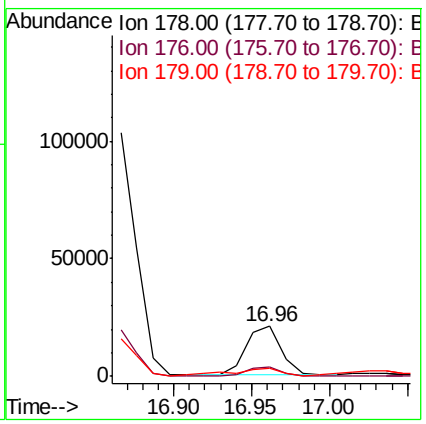


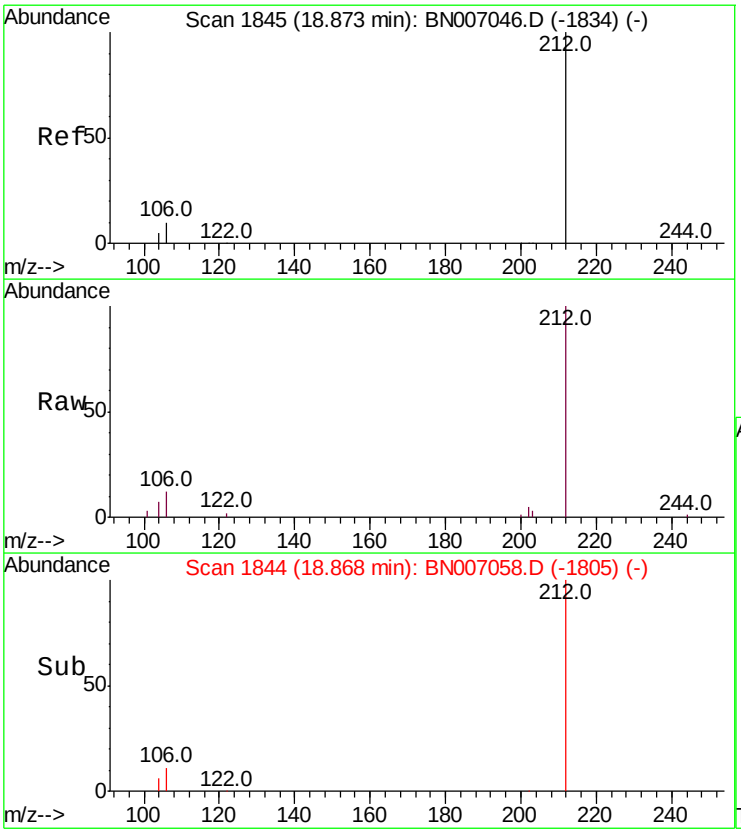
#23
Anthracene
Concen: 0.278 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 33119

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	20.1	12.5	18.7#

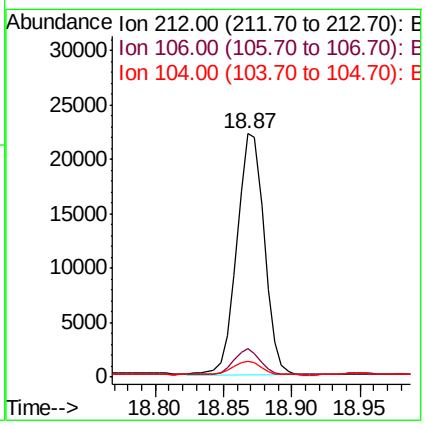


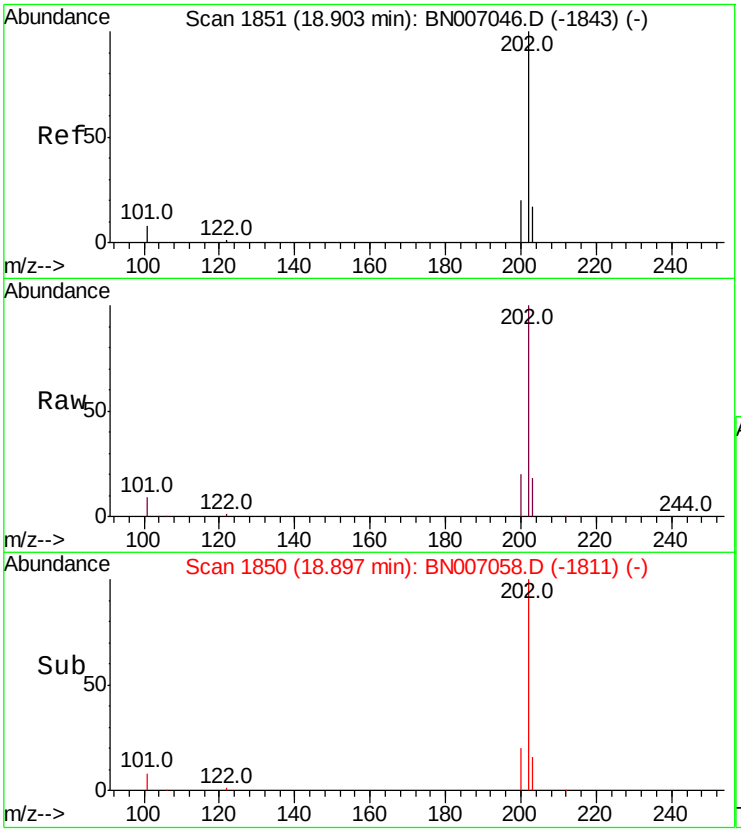


#24
Fluoranthene-d10
Concen: 0.200 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:212 Resp: 30847

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	6.0	4.5	6.7



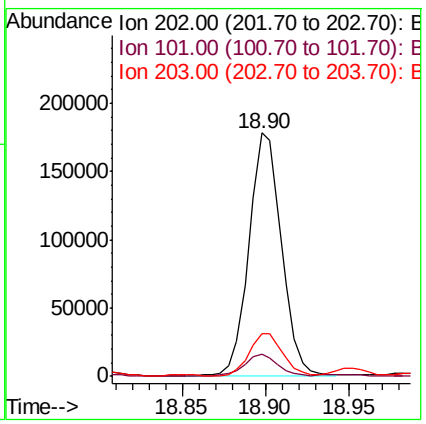


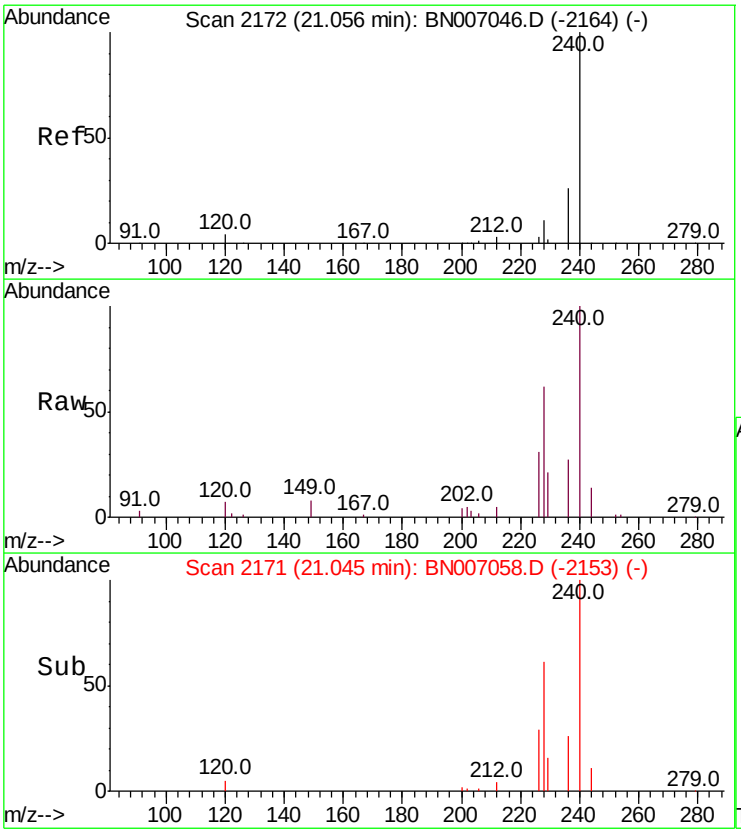
#25
Fluoranthene
Concen: 1.448 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 241694

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
203	17.5	13.8	20.8

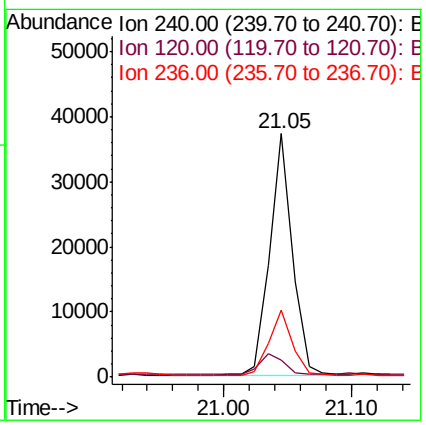


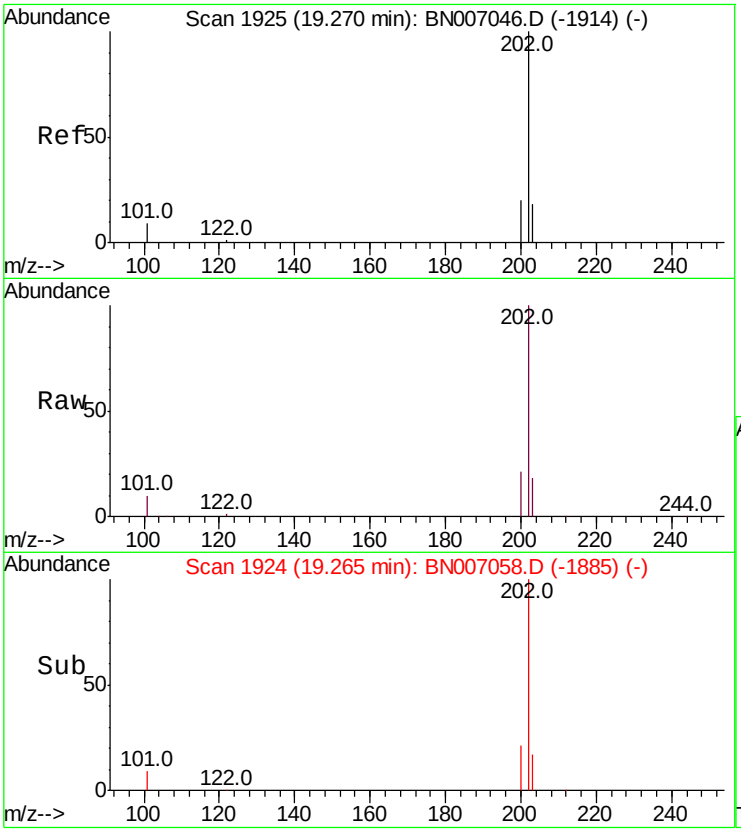


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:240 Resp: 45798

Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.0	6.0#
236	27.3	21.3	31.9



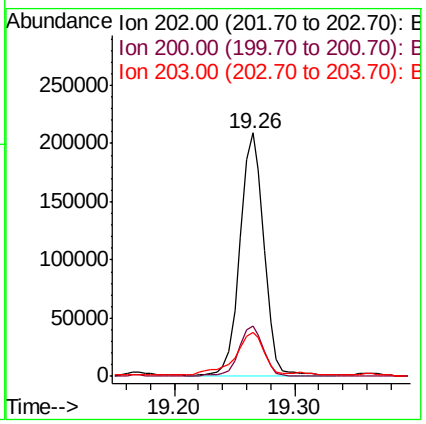


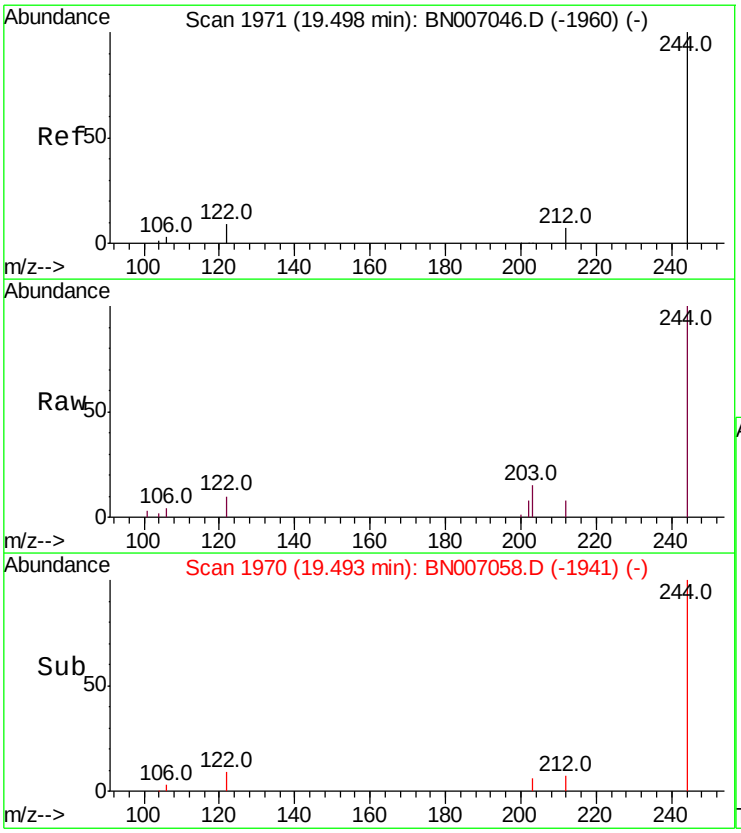
#27
Pyrene
Concen: 1.776 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 285207

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	21.7	14.0	21.0#

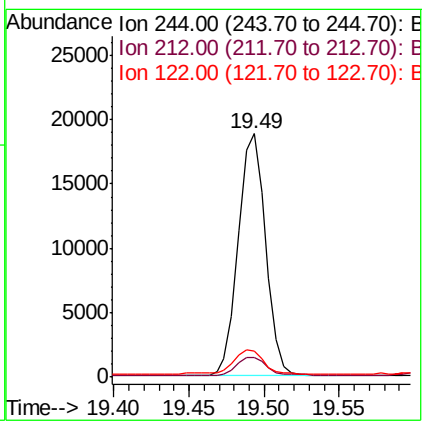


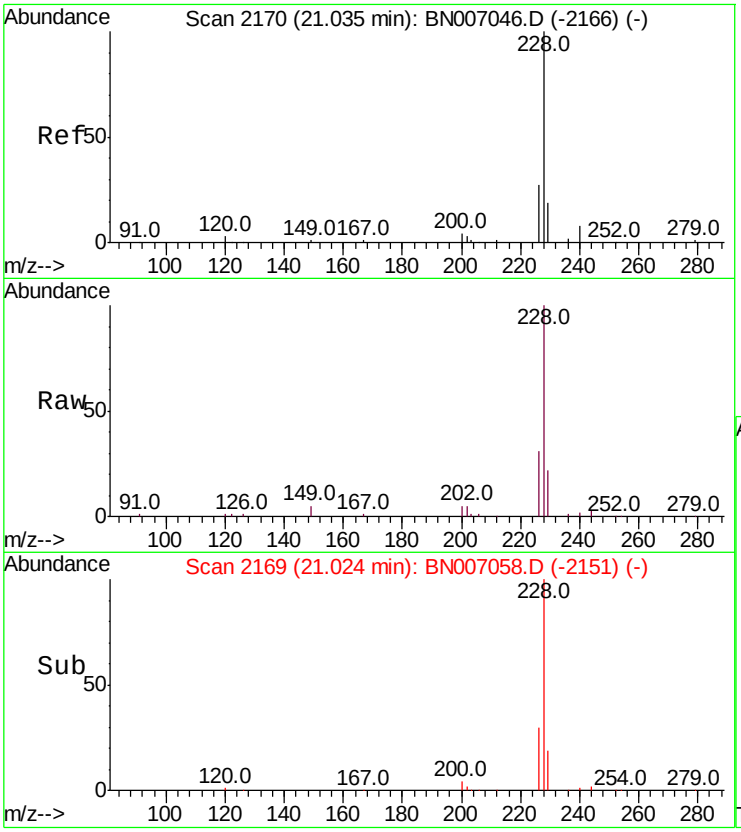


#28
Terphenyl-d14
Concen: 0.190 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:244 Resp: 23756

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	10.5	7.4	11.2



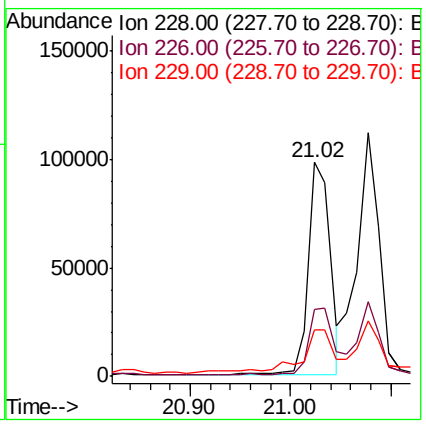


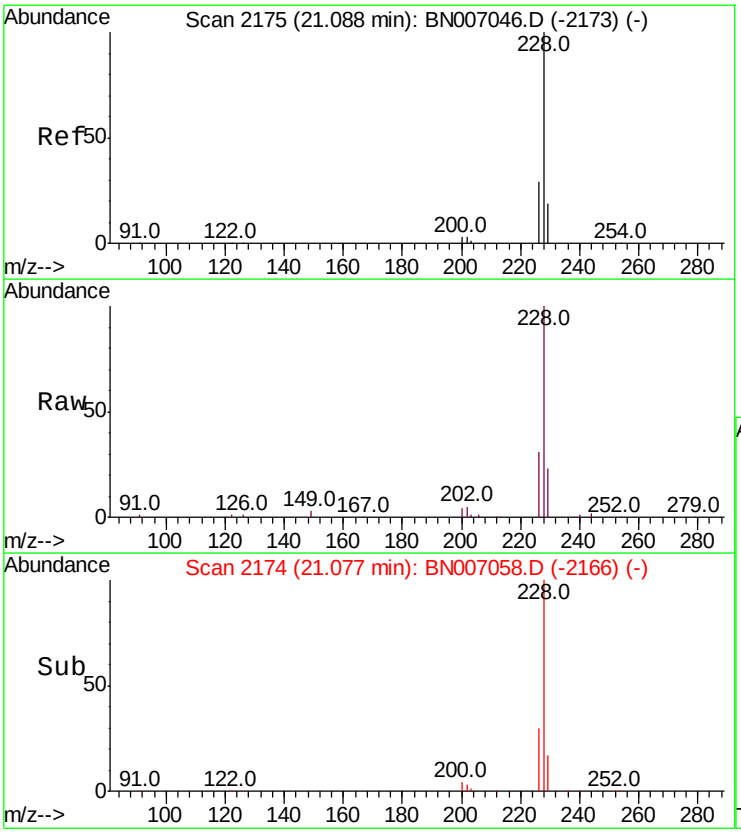
#29
Benzo(a)anthracene
Concen: 0.902 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 151001

Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.8	32.6
229	21.7	15.6	23.4

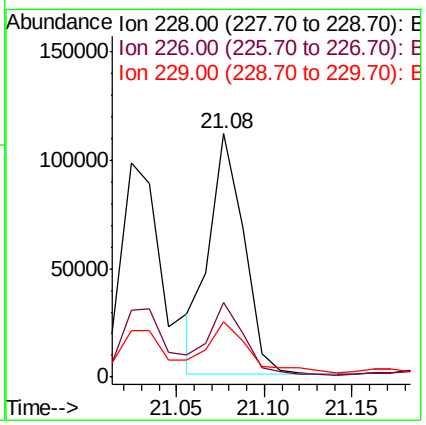


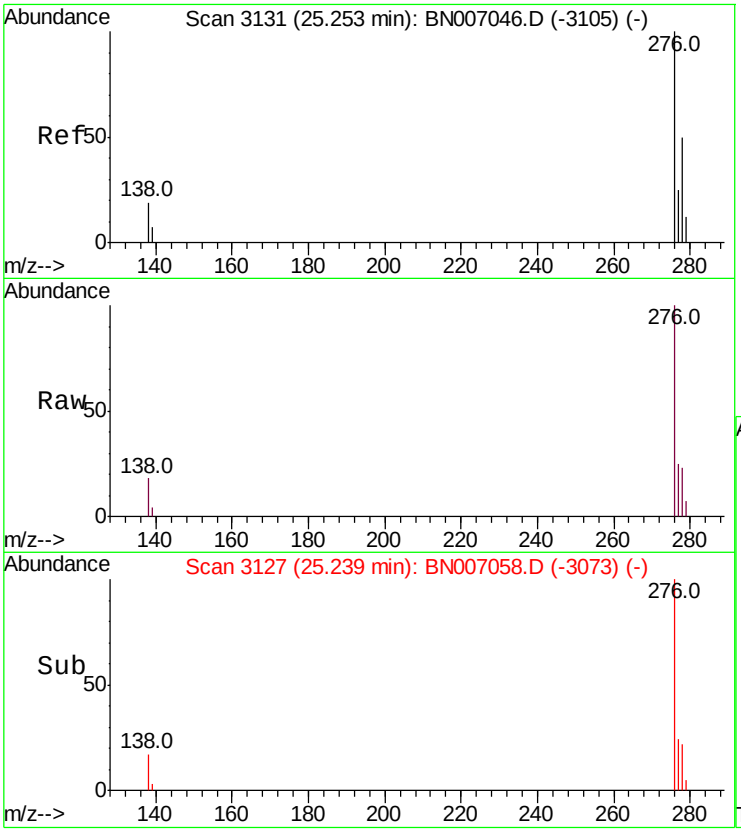


#30
Chrysene
Concen: 0.936 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:228 Resp: 152252

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.6
229	22.5	15.7	23.5



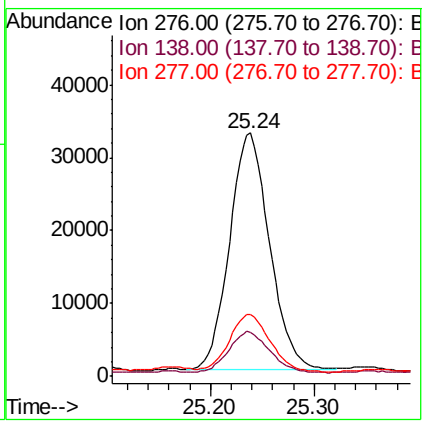


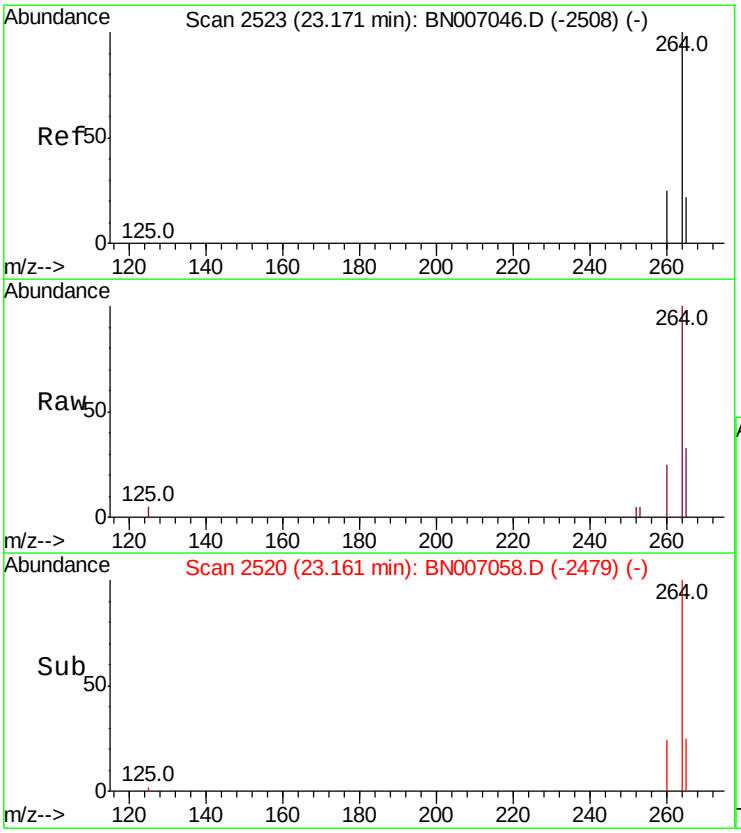
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.483 ng
RT: 25.24 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 86689

Ion	Ratio	Lower	Upper
276	100		
138	17.9	16.0	24.0
277	24.7	19.9	29.9

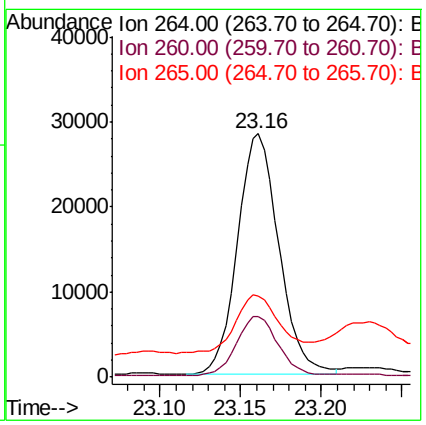


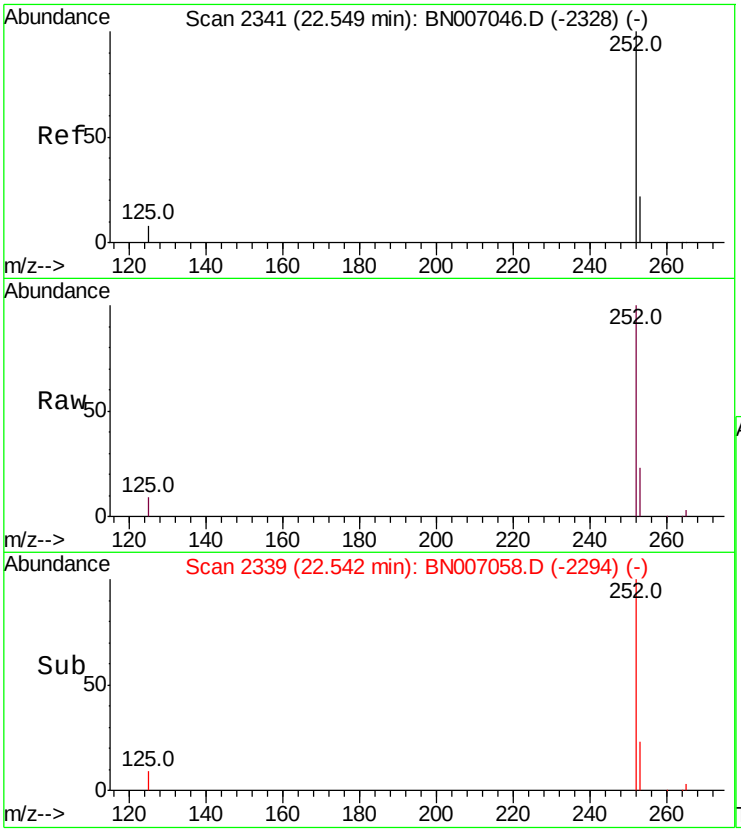


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:264 Resp: 50399

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	33.3	26.2	39.4



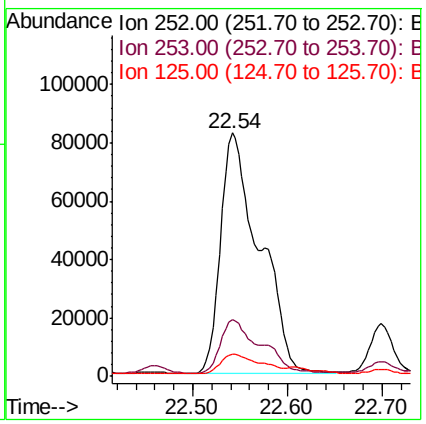


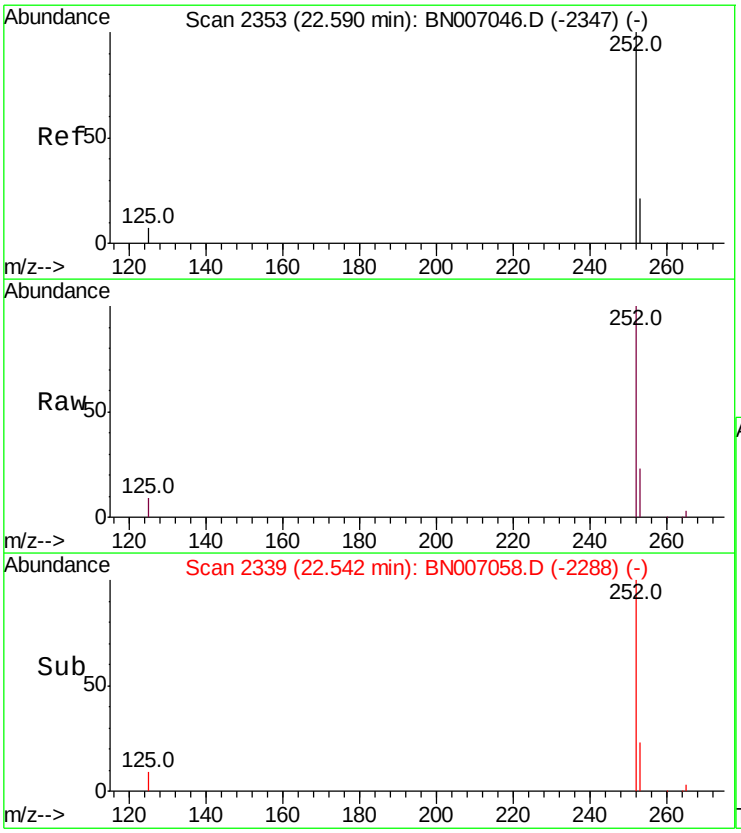
#33
Benzo(b)fluoranthene
Concen: 1.371 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 236869

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.1	7.4	11.0

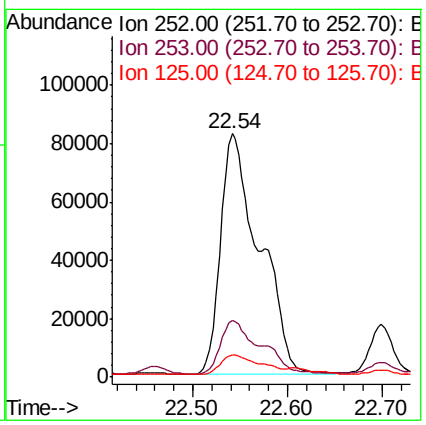


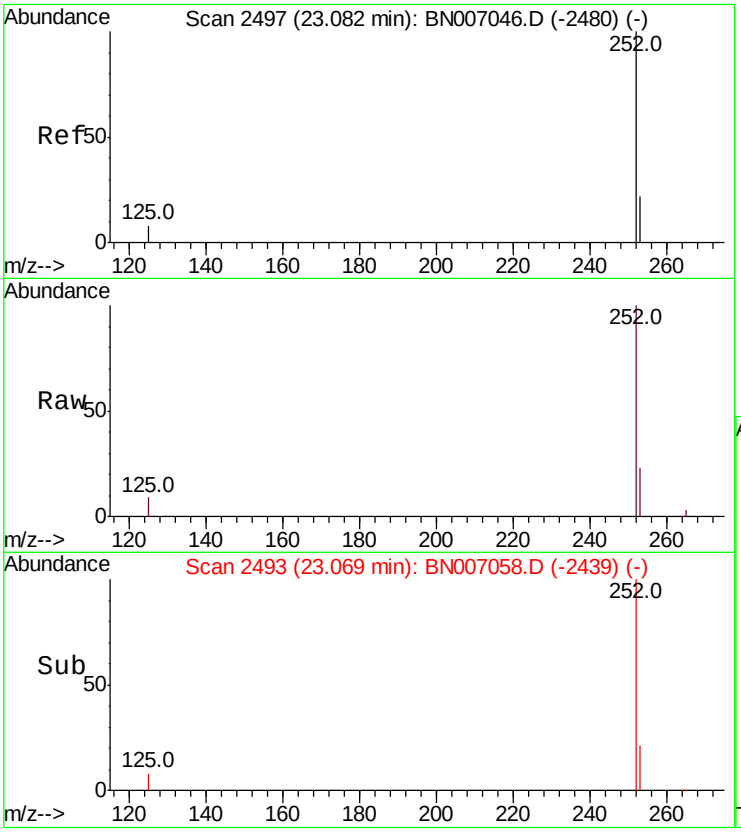


#34
Benzo(k)fluoranthene
Concen: 1.388 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.05 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:252 Resp: 236869

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	9.1	7.4	11.0



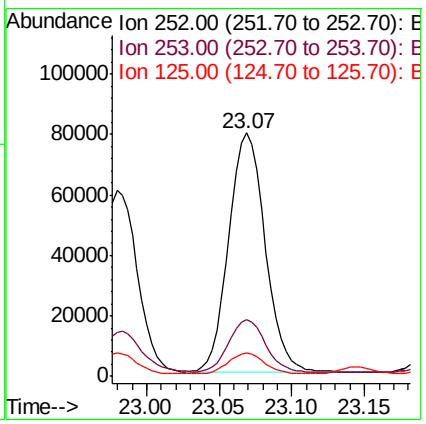


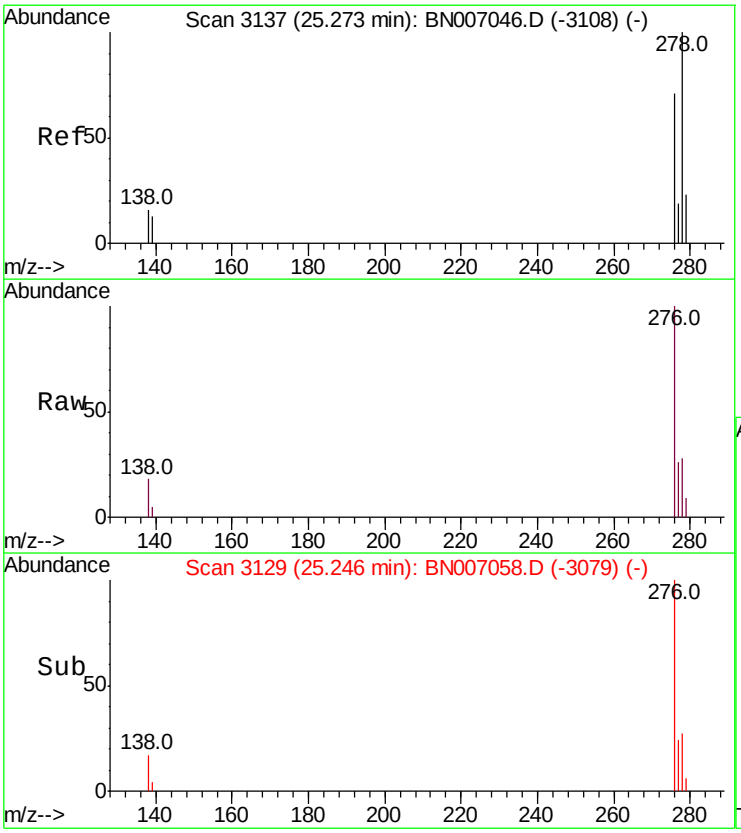
#35
Benzo(a)pyrene
Concen: 0.877 ng
RT: 23.07 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 137440

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	9.5	8.2	12.4

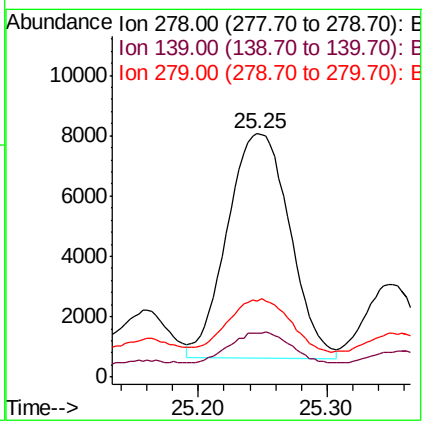


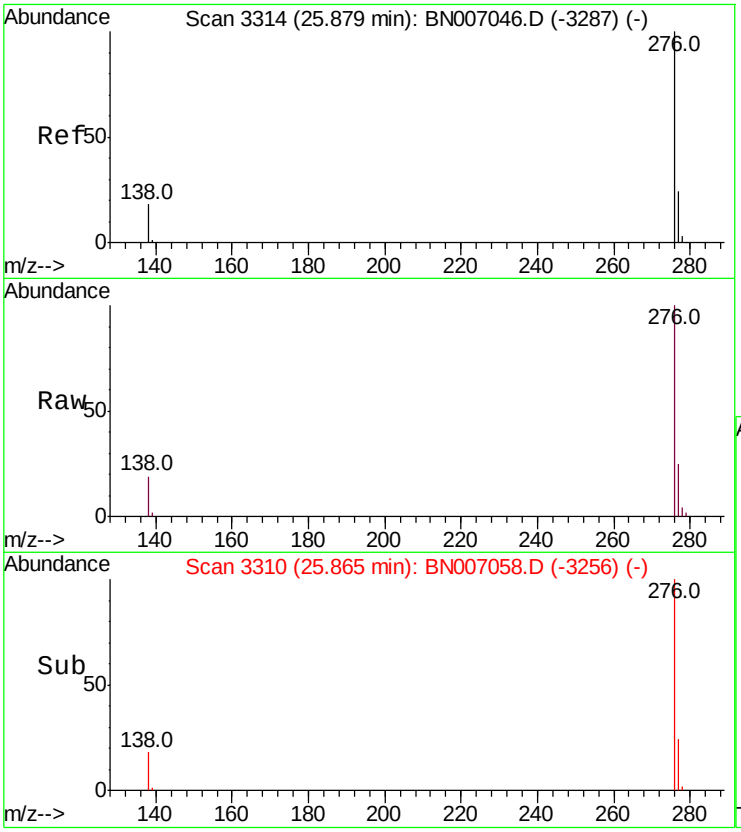


#36
Dibenzo(a,h)anthracene
Concen: 0.161 ng
RT: 25.25 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Tgt Ion:278 Resp: 25141

Ion	Ratio	Lower	Upper
278	100		
139	18.1	11.3	16.9#
279	31.3	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.611 ng
RT: 25.87 min Scan# 3310
Delta R.T. -0.01 min
Lab File: BN007058.D
Acq: 10 Aug 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 98229

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.8	29.8
138	18.5	14.6	22.0