Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007111.D
Acq On : 13 Aug 2019 02:42
Operator : HP/JU
Sample : K4143-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 13 06:42:48 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	9864	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	38387	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	22625	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	53519	0.40	ng		0.00
26) Chrysene-d12	21.05	240	52331	0.40	ng		-0.01
32) Perylene-d12	23.15	264	57268	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5560	0.23	ng		0.00
4) Phenol-d6	6.61	99	7671	0.26	ng		0.00
7) Nitrobenzene-d5	8.56	82	5951	0.19	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	14032	0.20	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	2197	0.18	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	3411	0.10	ng		0.00
24) Fluoranthene-d10	18.87	212	35857	0.19	ng		0.00
28) Terphenyl-d14	19.49	244	27191	0.19	ng		-0.01
Target Compounds							Qvalue
5) bis(2-Chloroethyl)ether	6.89	93	3008	0.116	ng	#	30
8) Naphthalene	10.24	128	4311	0.040	ng	#	89
11) 2-Methylnaphthalene	11.87	142	2845	0.037	ng	#	92
15) Acenaphthylene	13.79	152	32940	0.279	ng		100
16) Acenaphthene	14.13	154	5788	0.076	ng		96
17) Fluorene	15.14	166	10281	0.091	ng		91
22) Phenanthrene	16.87	178	252944	1.577	ng		100
23) Anthracene	16.95	178	65123	0.444	ng		98
25) Fluoranthene	18.90	202	565898	2.758	ng		100
27) Pyrene	19.26	202	488077	2.660	ng	#	95
29) Benzo(a)anthracene	21.02	228	295082	1.542	ng		95
30) Chrysene	21.08	228	302229	1.625	ng		97
31) Indeno(1,2,3-cd)pyrene	25.23	276	197368	0.963	ng		98
33) Benzo(b)fluoranthene	22.53	252	406468	2.070	ng		99
34) Benzo(k)fluoranthene	22.57	252	129592m	0.668	ng		
35) Benzo(a)pyrene	23.06	252	264768	1.487	ng		100
36) Dibenzo(a,h)anthracene	25.24	278	51673	0.291	ng	#	85
37) Benzo(g,h,i)perylene	25.85	276	202948	1.111	ng		99

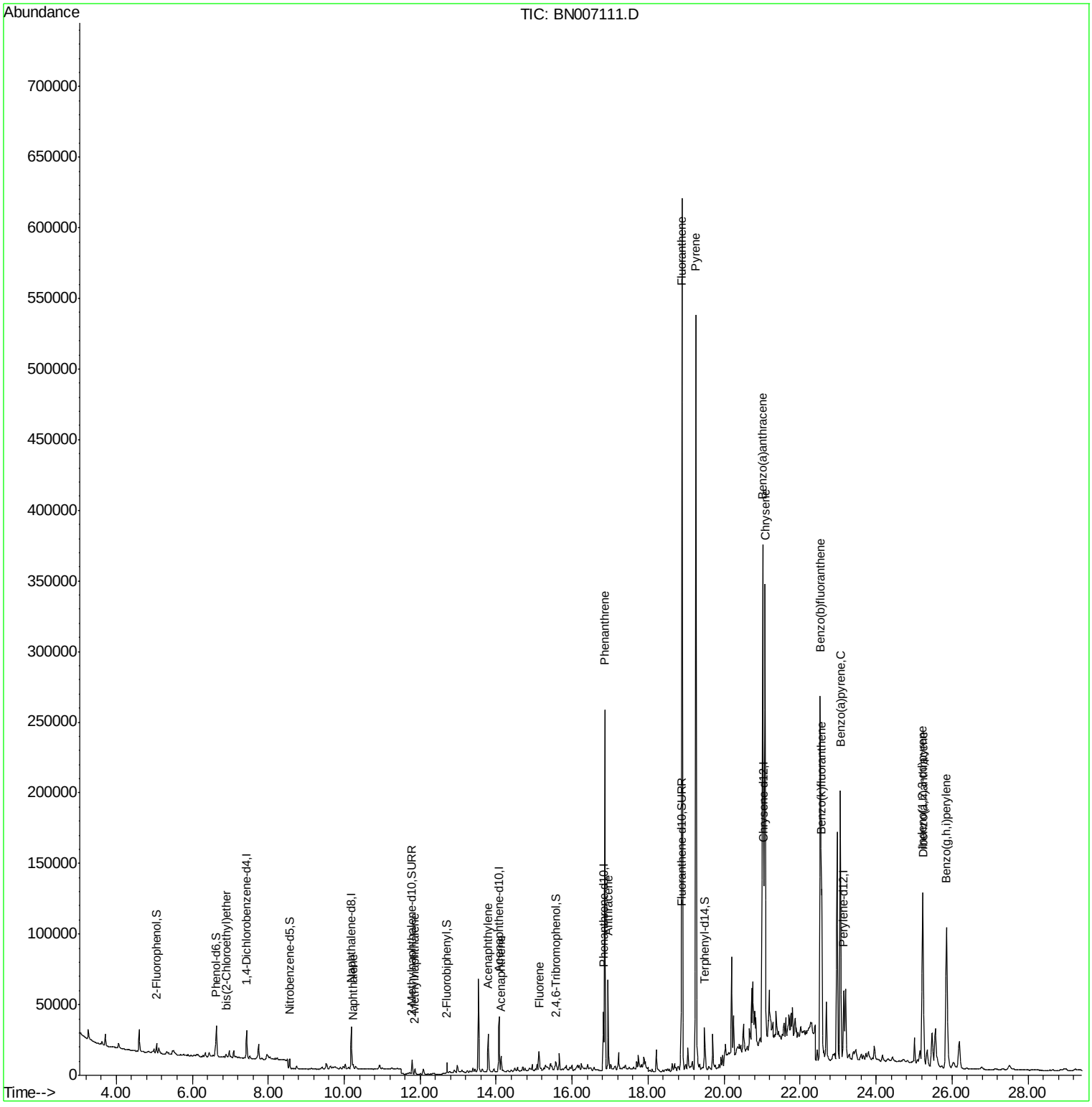
(#) = qualifier out of range (m) = manual integration (+) = signals summed

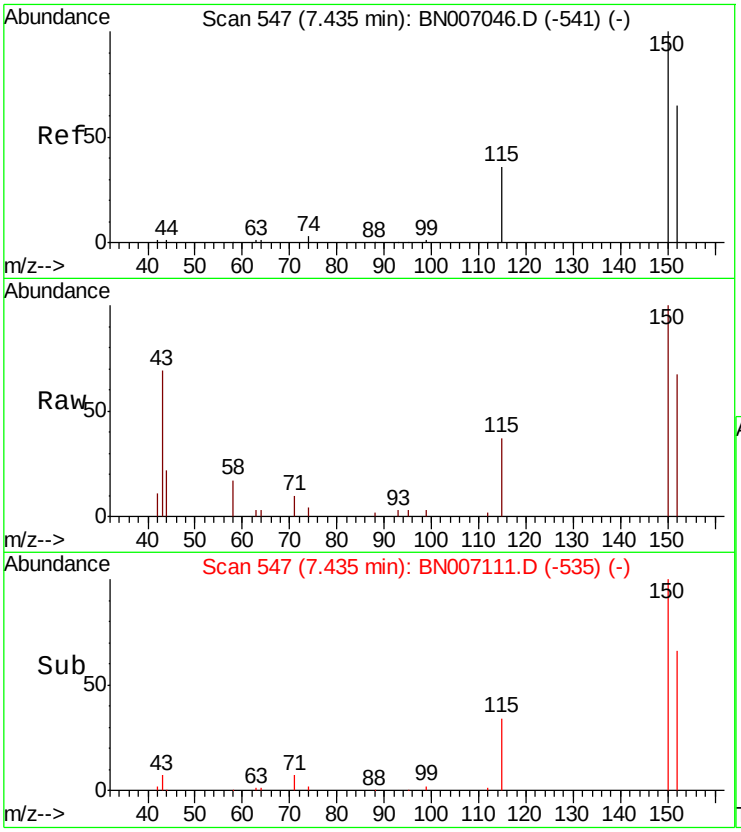
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007111.D
Acq On : 13 Aug 2019 02:42
Operator : HP/JU
Sample : K4143-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 13 06:42:48 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



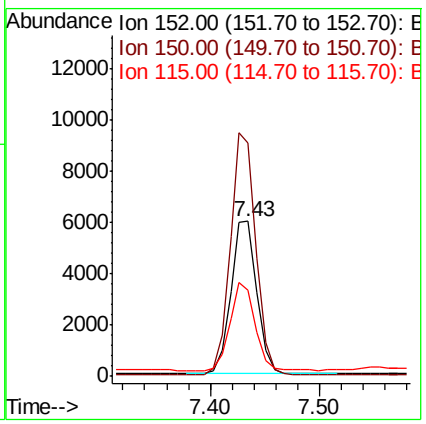


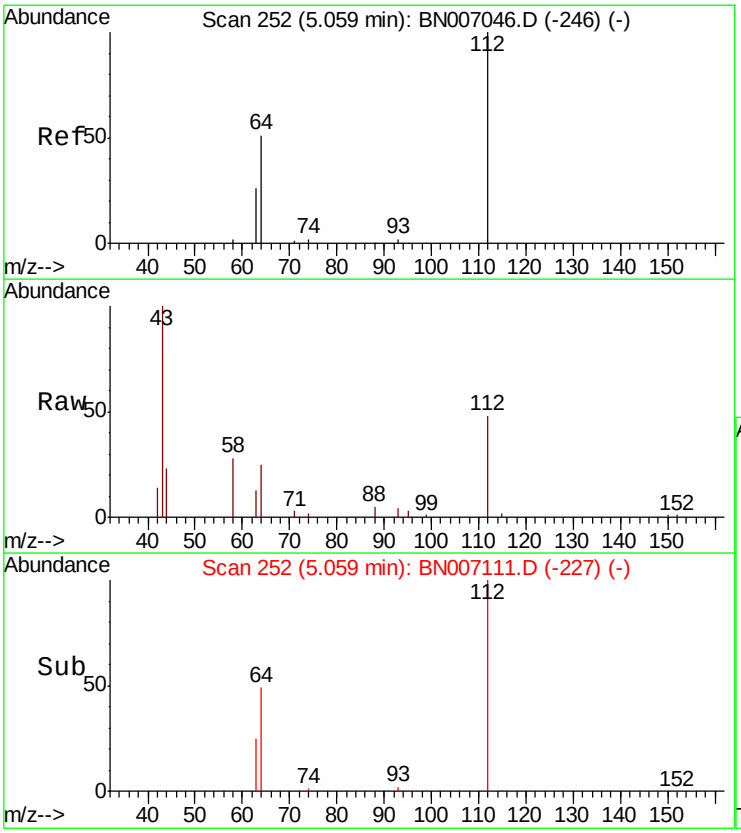
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9864

Ion	Ratio	Lower	Upper
152	100		
150	150.3	121.7	182.5
115	55.6	46.2	69.4

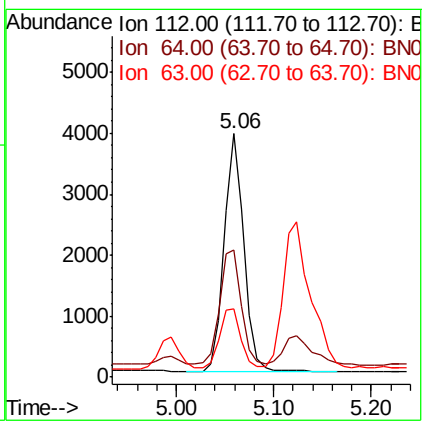


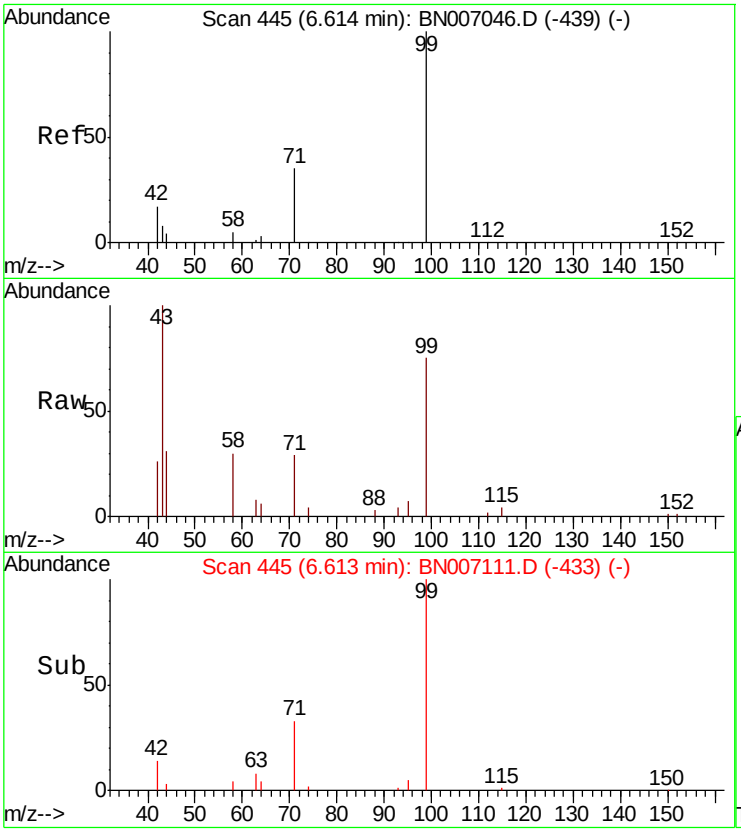


#3
2-Fluorophenol
Concen: 0.235 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:112 Resp: 5560

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.6	63.8
63	27.3	22.2	33.2



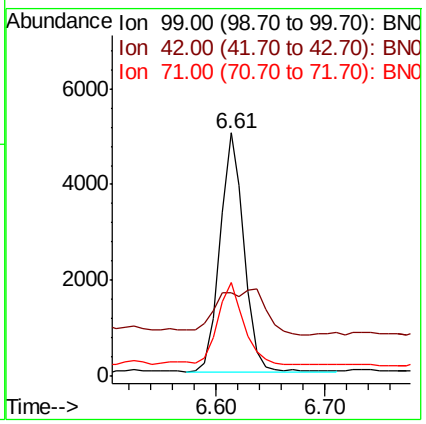


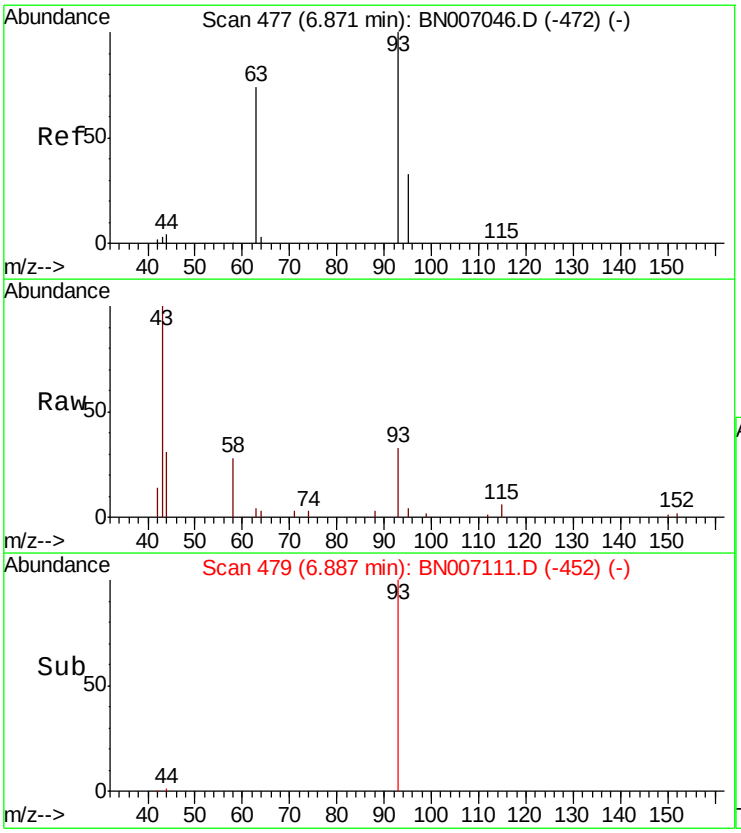
#4
Phenol-d6
Concen: 0.261 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7671

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	38.5	27.0	40.4

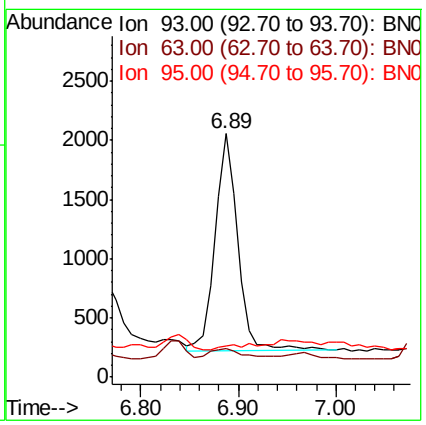


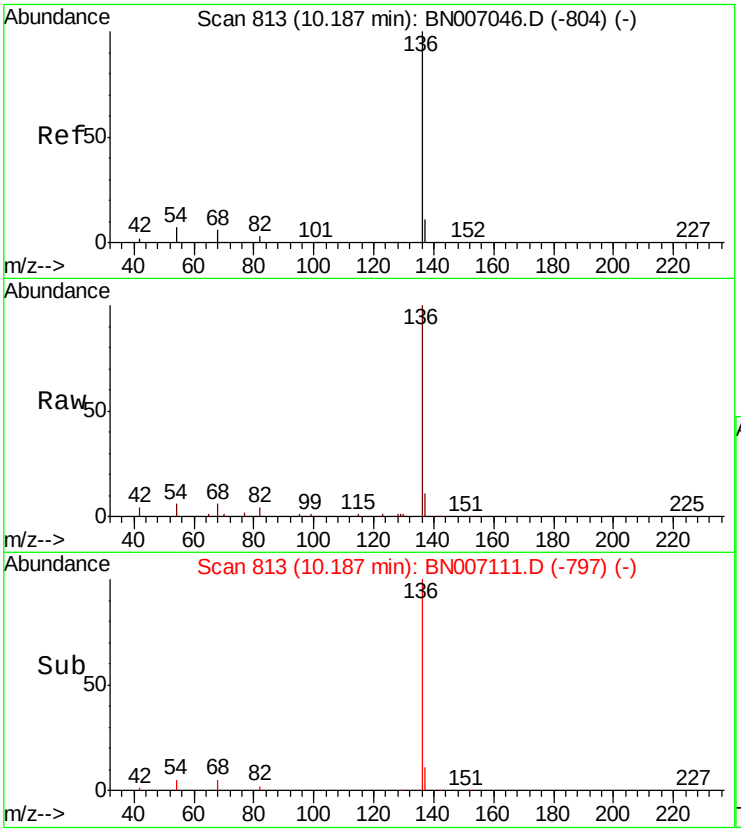


#5
bis(2-Chloroethyl)ether
Concen: 0.116 ng
RT: 6.89 min Scan# 479
Delta R.T. 0.02 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion: 93 Resp: 3008

Ion	Ratio	Lower	Upper
93	100		
63	6.7	55.6	83.4#
95	2.2	26.7	40.1#



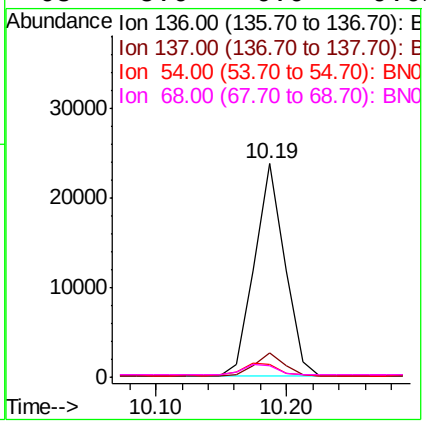


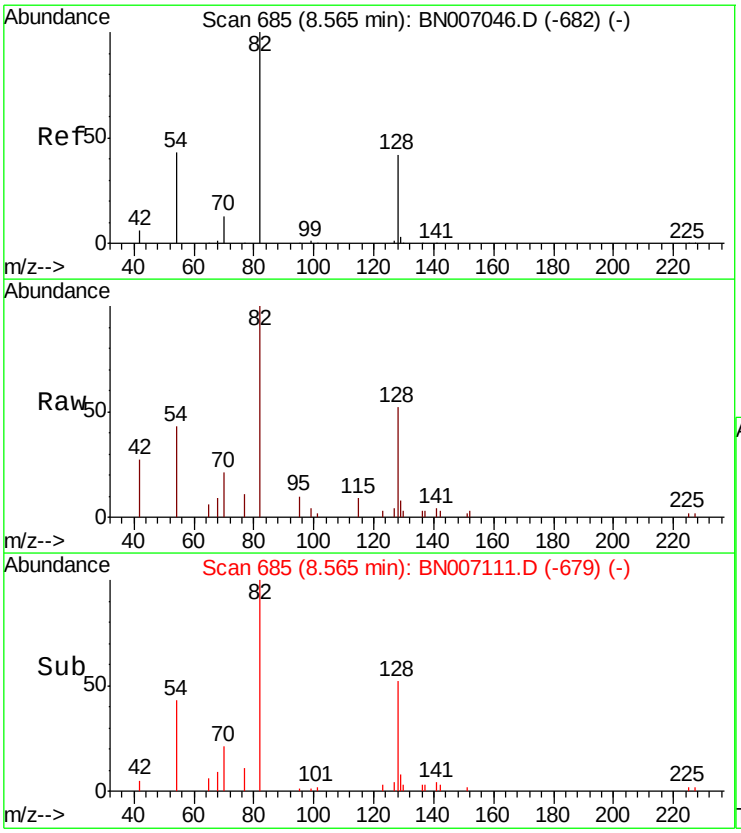
#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 38387

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	5.9	6.6	9.8#
68	5.6	6.0	9.0#

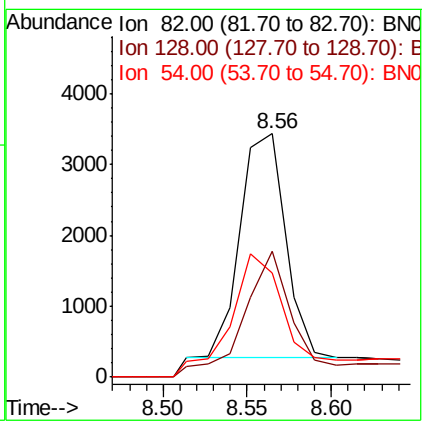


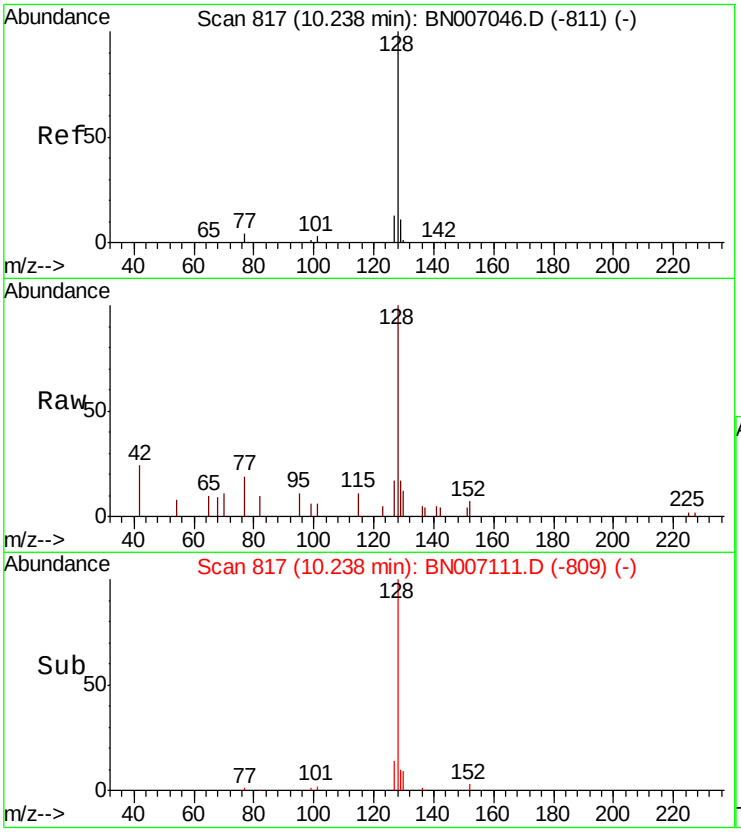


#7
Nitrobenzene-d5
Concen: 0.192 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion: 82 Resp: 5951

Ion	Ratio	Lower	Upper
82	100		
128	51.7	34.6	51.8
54	42.5	36.2	54.4



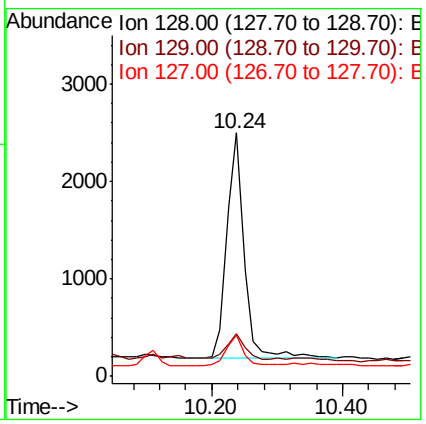


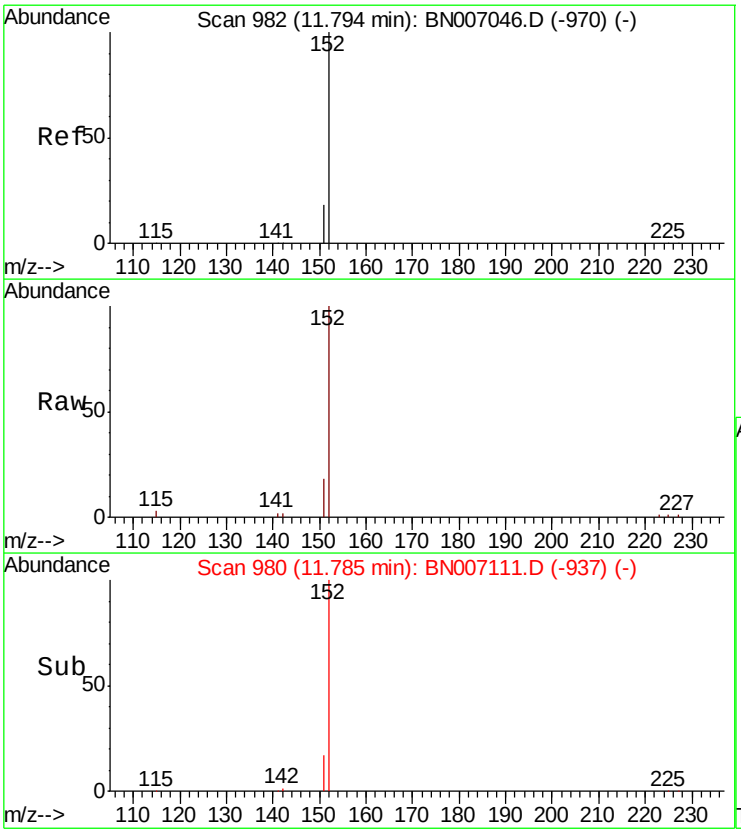
#8
Naphthalene
Concen: 0.040 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 4311

Ion	Ratio	Lower	Upper
128	100		
129	17.5	9.4	14.2#
127	16.8	11.0	16.6#

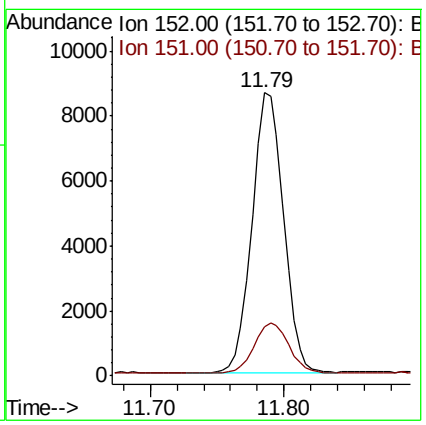


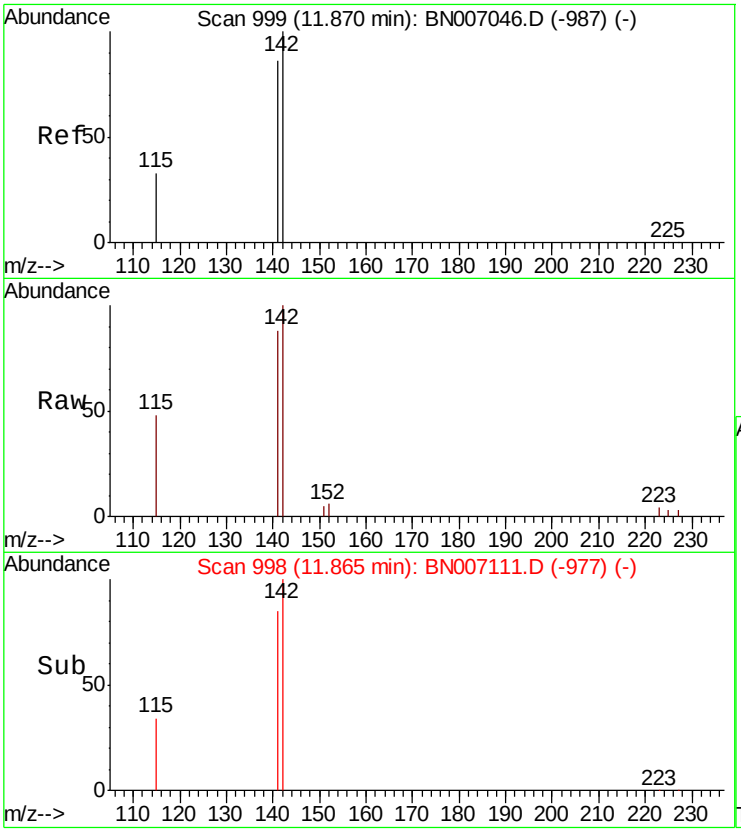


#10
2-Methylnaphthalene-d10
Concen: 0.196 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:152 Resp: 14032

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3



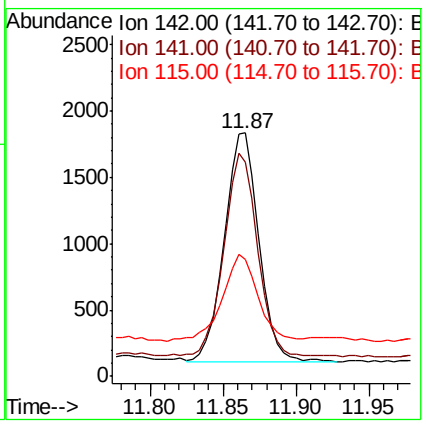


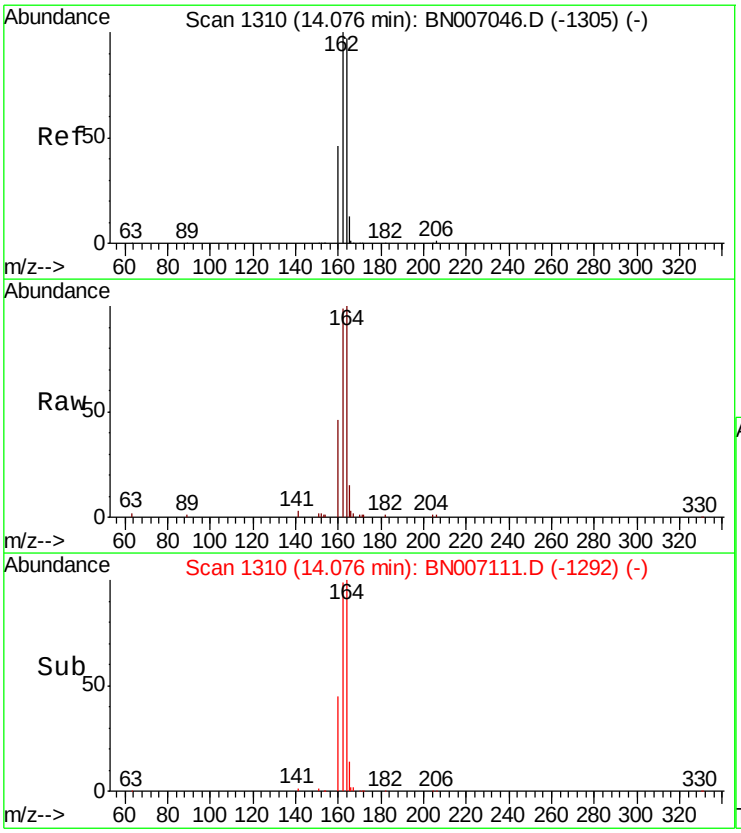
#11
2-Methylnaphthalene
Concen: 0.037 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 2845

Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.0	103.6
115	47.8	27.1	40.7#

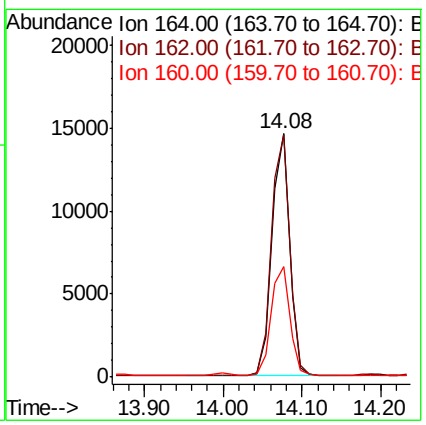


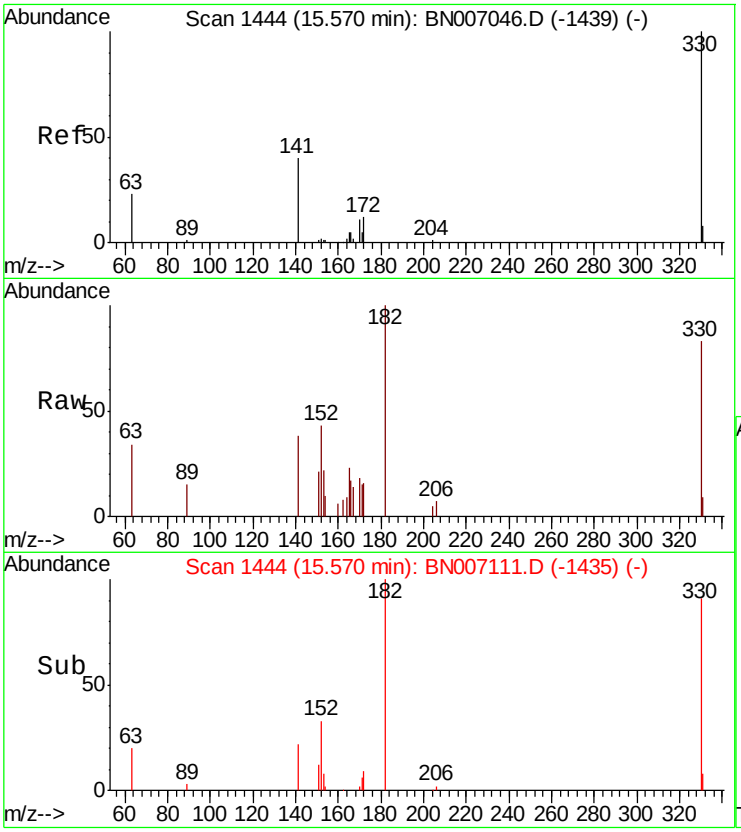


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:164 Resp: 22625

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.2	123.4
160	45.5	38.3	57.5



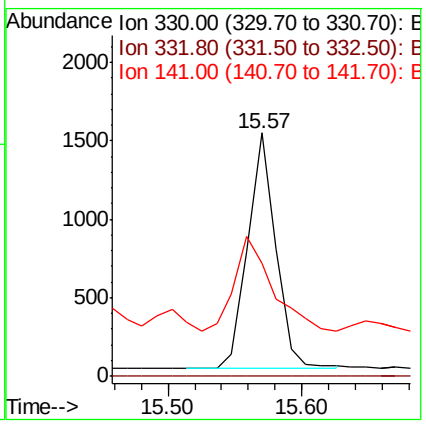


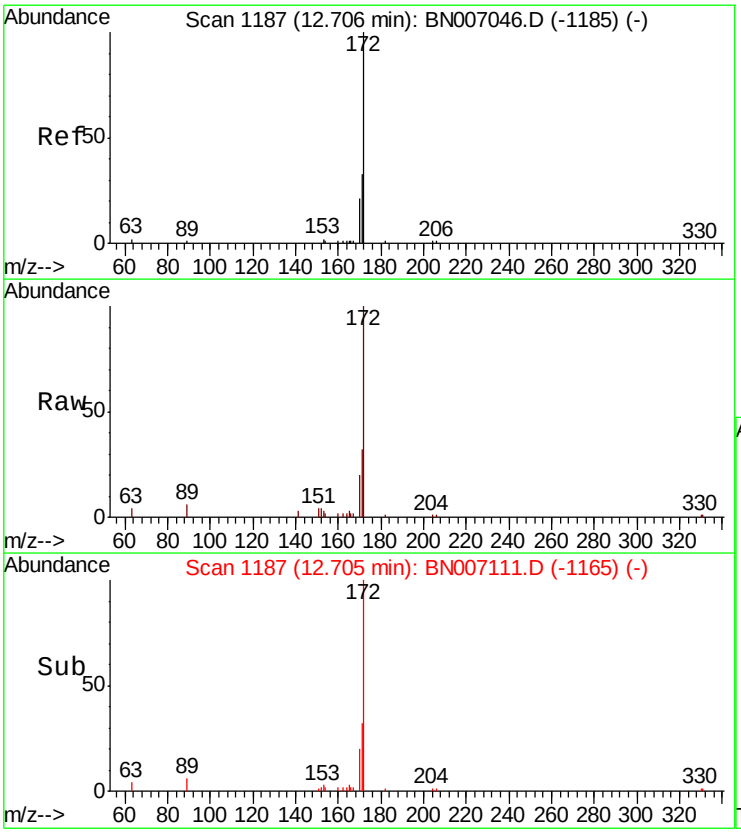
#13
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 2197

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.3	33.6	50.4#

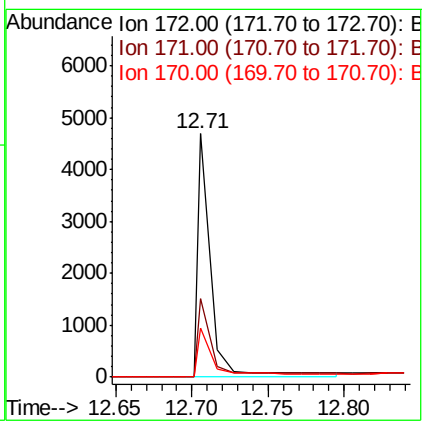


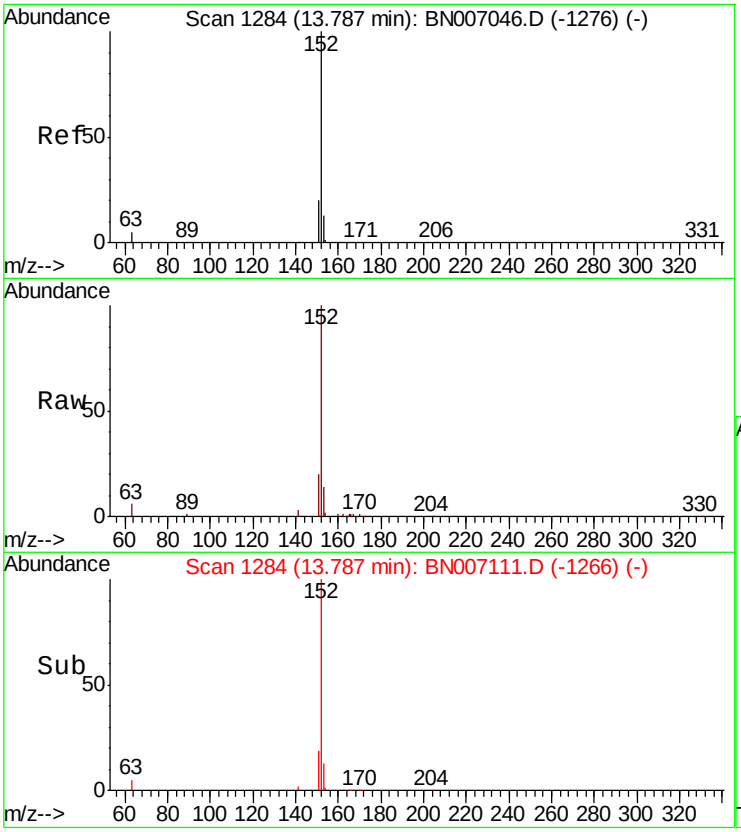


#14
2-Fluorobiphenyl
Concen: 0.104 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:172 Resp: 3411

Ion	Ratio	Lower	Upper
172	100		
171	32.2	26.3	39.5
170	20.2	17.0	25.4



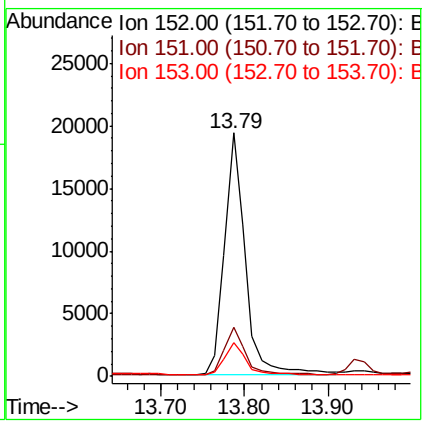


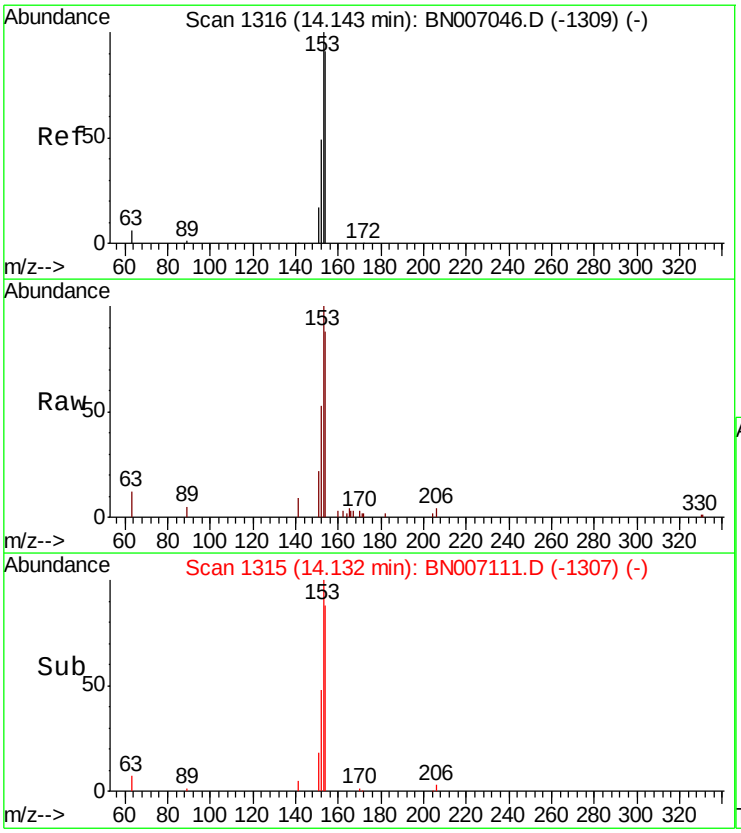
#15
Acenaphthylene
Concen: 0.279 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 32940

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.2	10.4	15.6

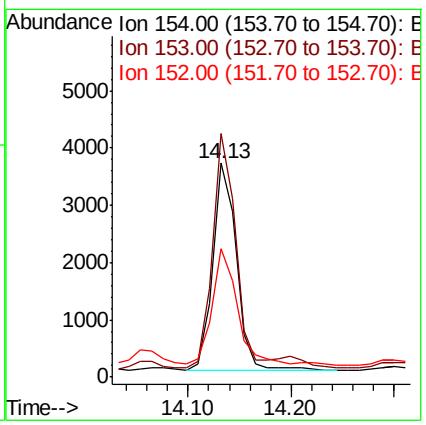


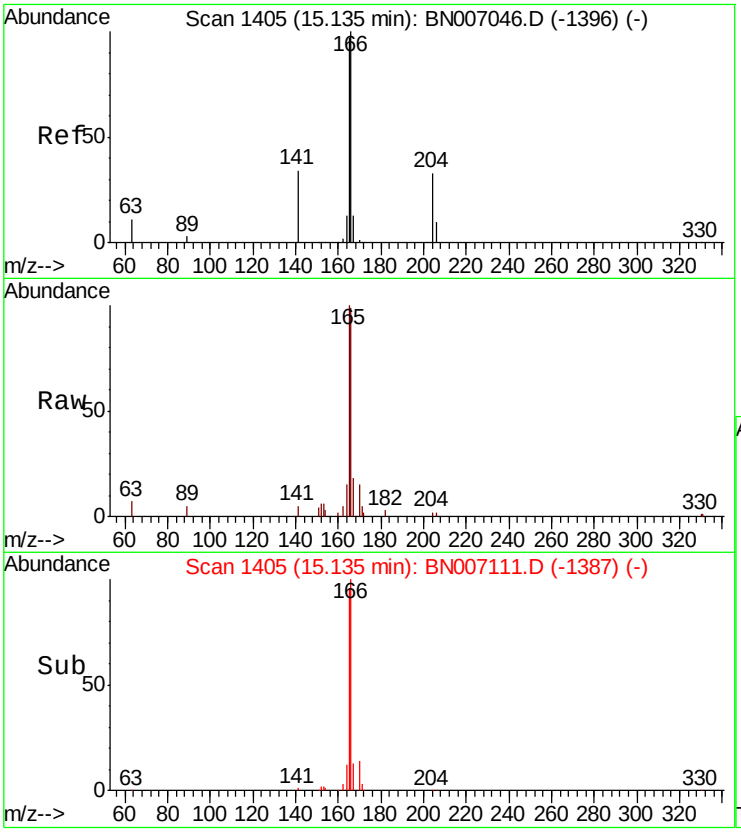


#16
Acenaphthene
Concen: 0.076 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:154 Resp: 5788

Ion	Ratio	Lower	Upper
154	100		
153	109.9	89.5	134.3
152	61.9	44.8	67.2



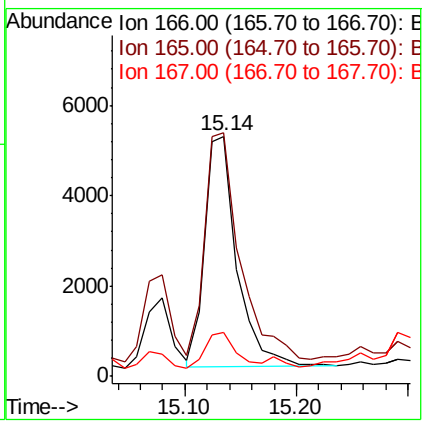


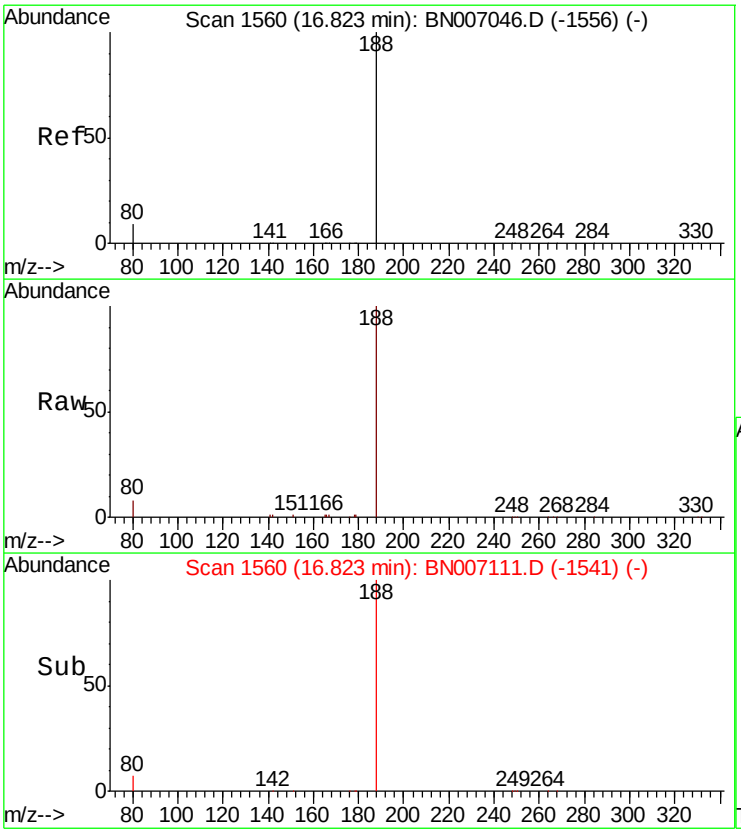
#17
Fluorene
Concen: 0.091 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 10281

Ion	Ratio	Lower	Upper
166	100		
165	106.6	77.9	116.9
167	15.1	10.9	16.3

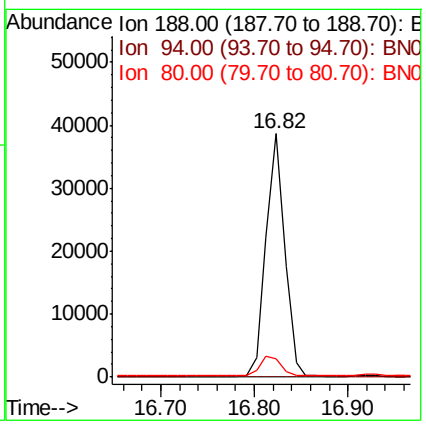


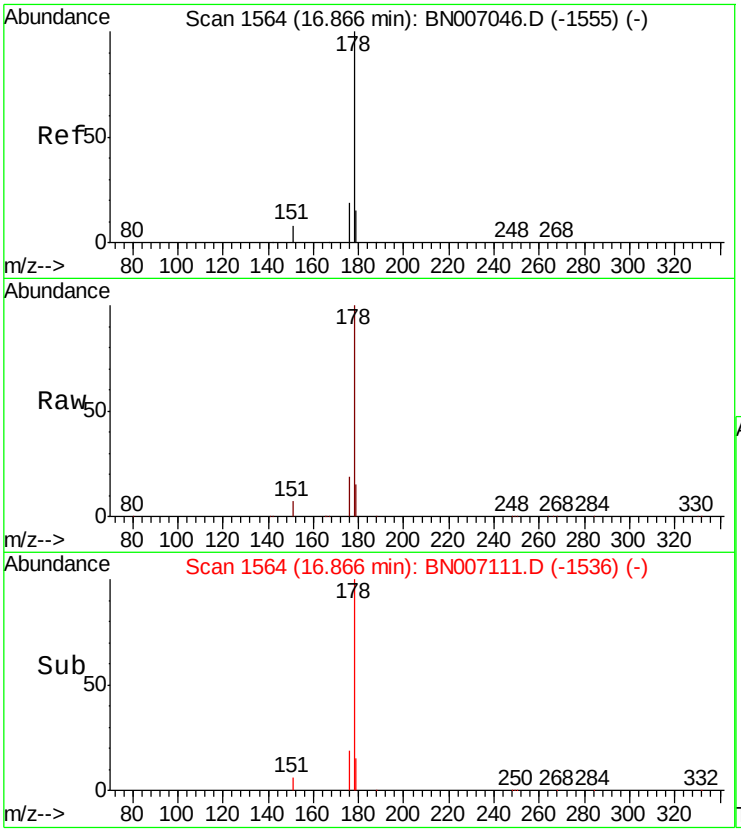


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:188 Resp: 53519

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	7.8	11.6#



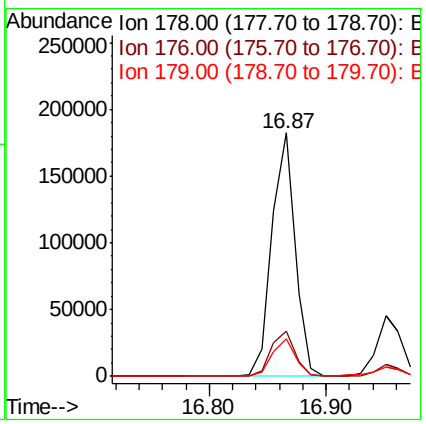


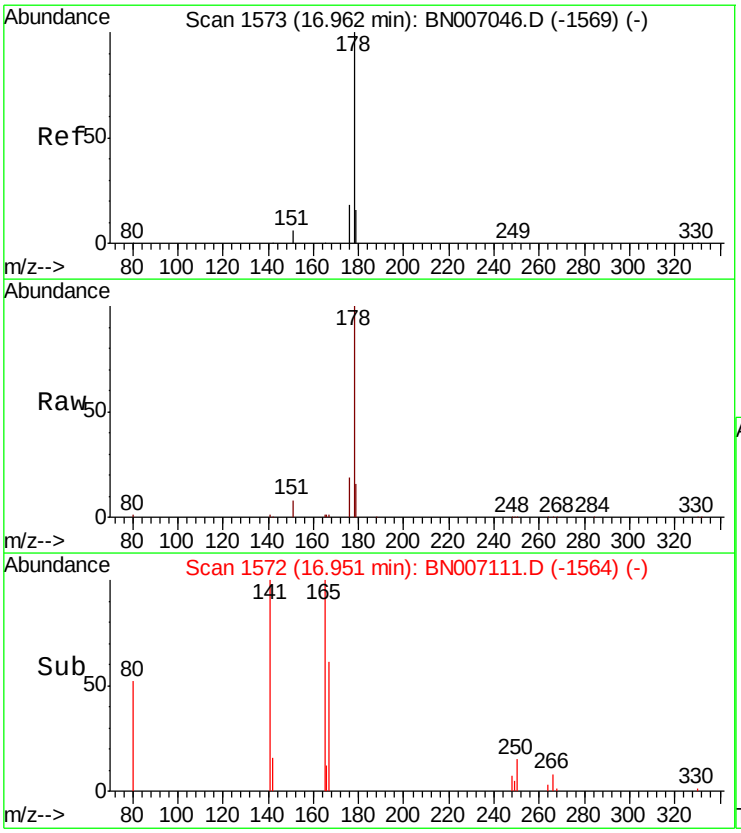
#22
Phenanthrene
Concen: 1.577 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 252944

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.4	12.3	18.5

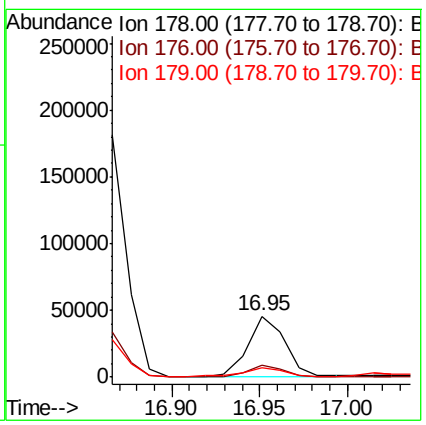


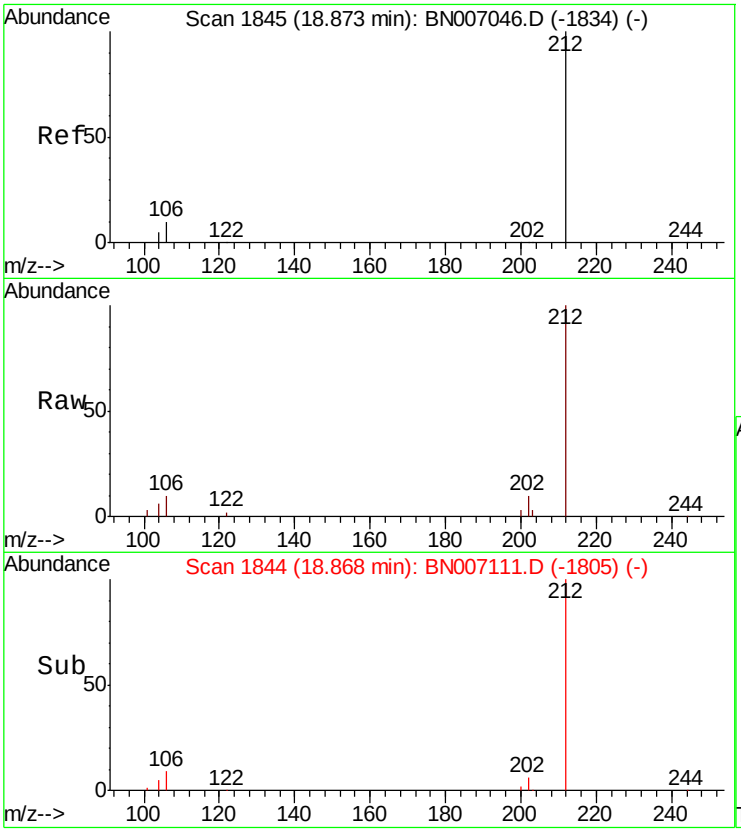


#23
Anthracene
Concen: 0.444 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:178 Resp: 65123

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	17.1	12.5	18.7



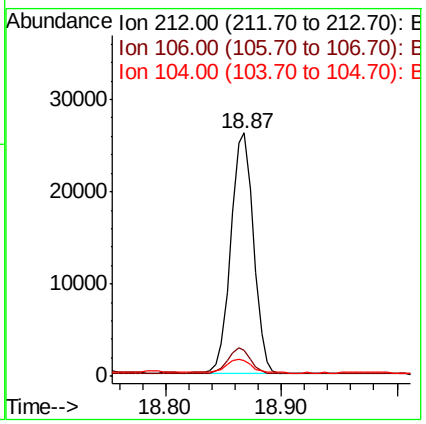


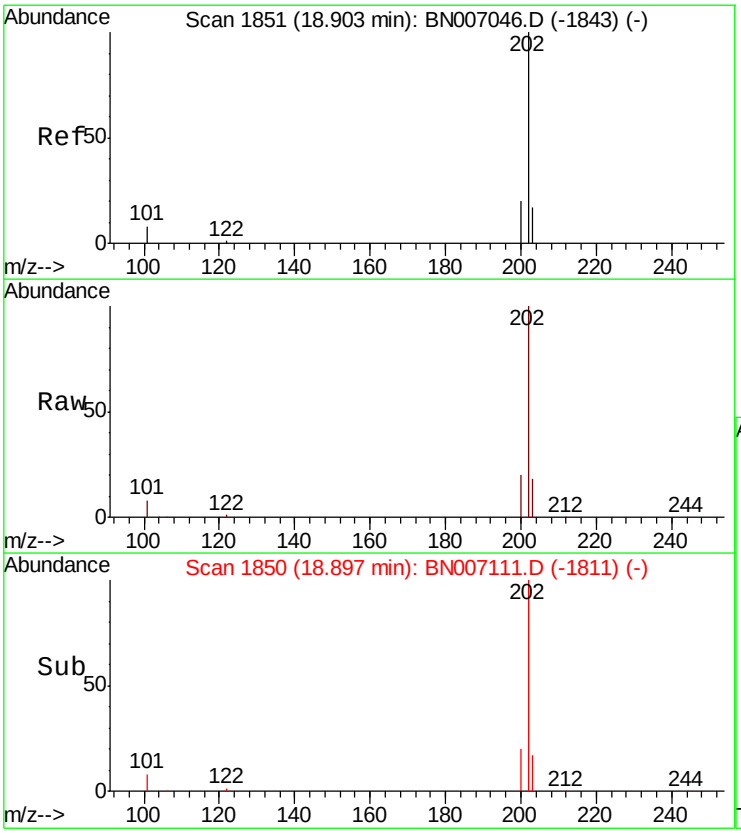
#24
Fluoranthene-d10
Concen: 0.189 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 35857

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.2
104	6.3	4.5	6.7

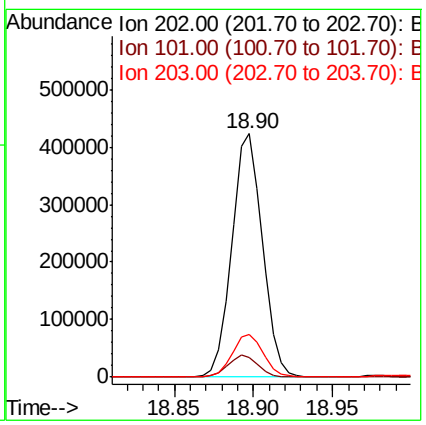


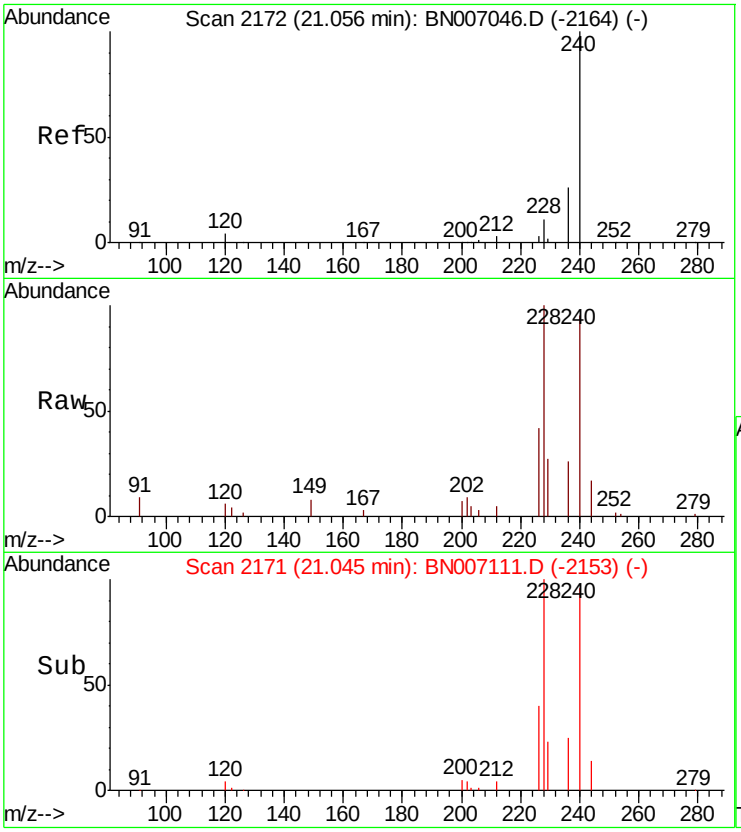


#25
Fluoranthene
Concen: 2.758 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:202 Resp: 565898

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



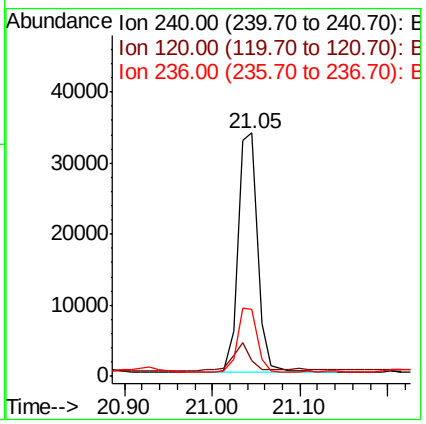


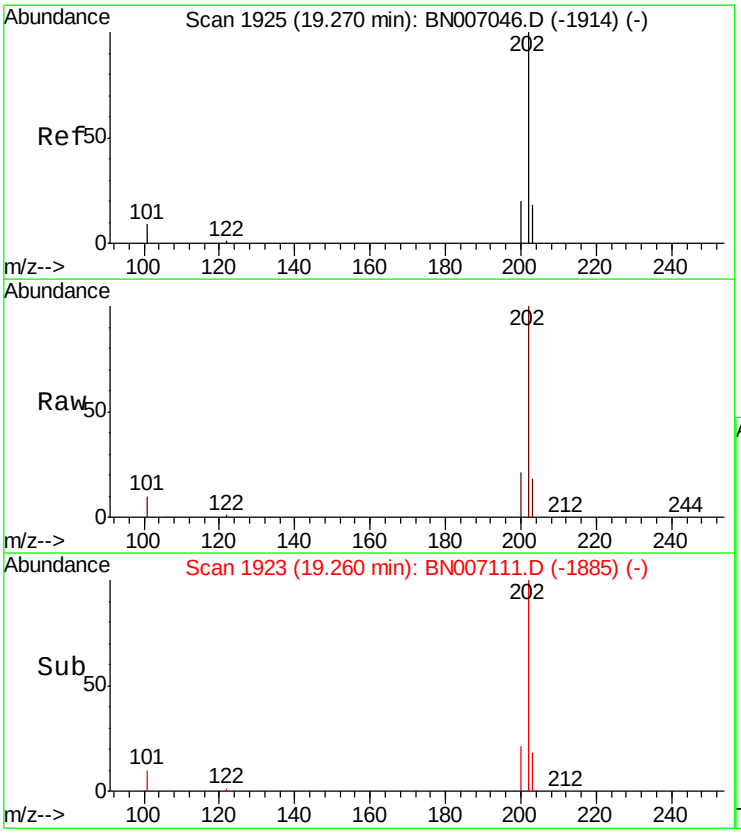
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 52331

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.0	6.0#
236	27.5	21.3	31.9

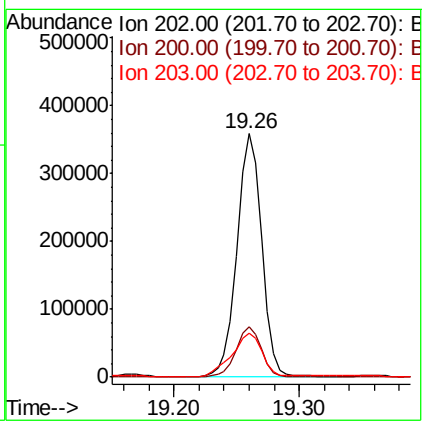


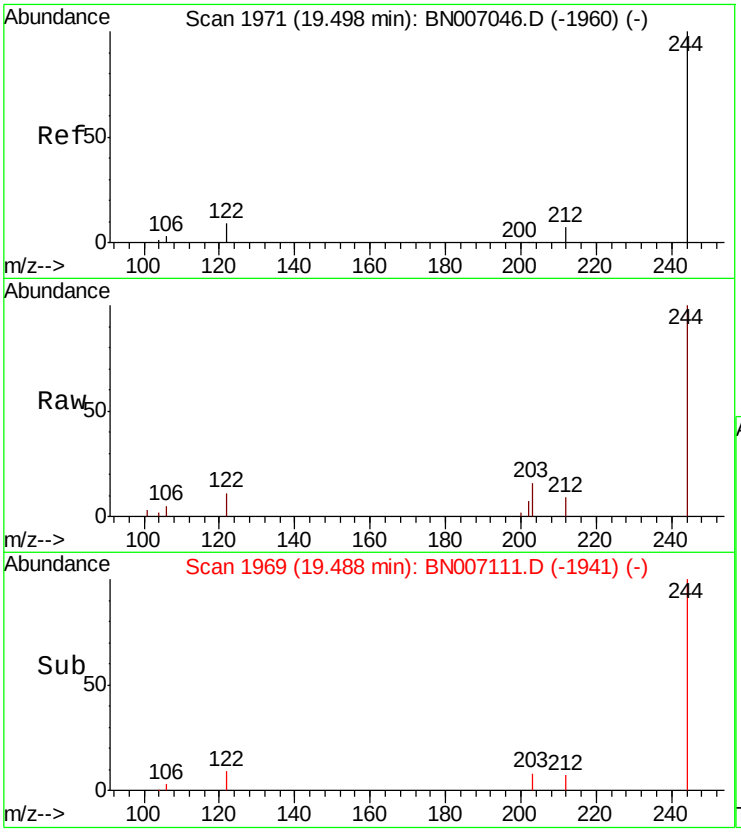


#27
Pyrene
Concen: 2.660 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:202 Resp: 488077

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



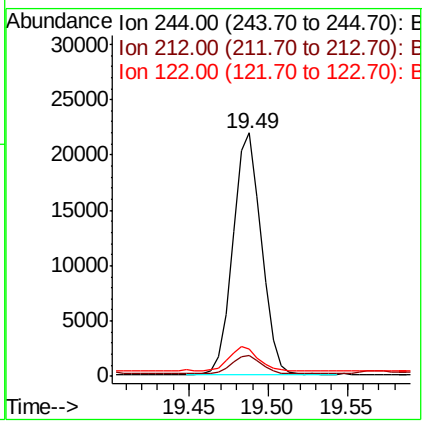


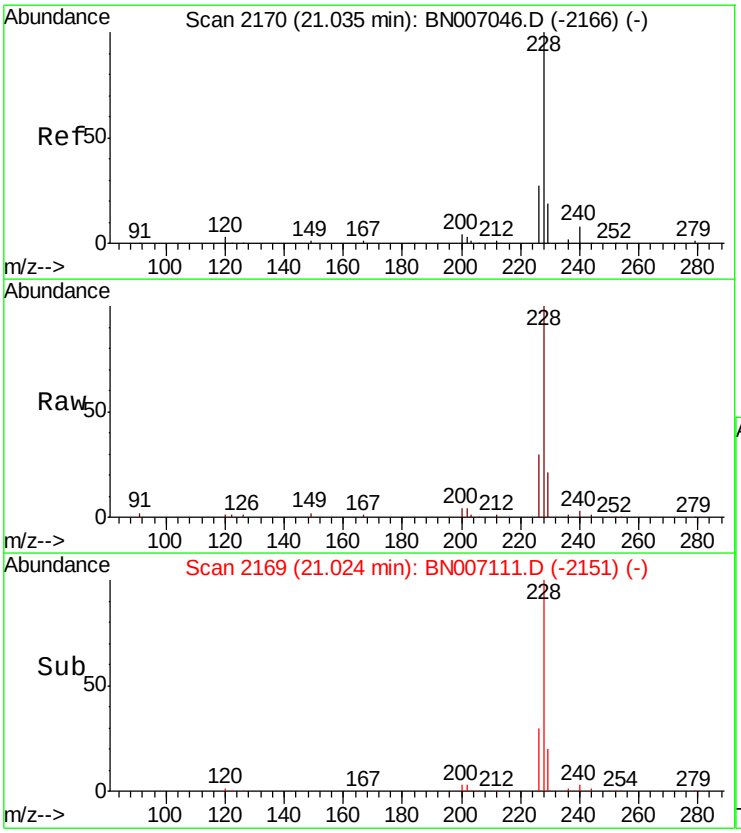
#28
Terphenyl-d14
Concen: 0.191 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 27191

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.2
122	11.3	7.4	11.2#

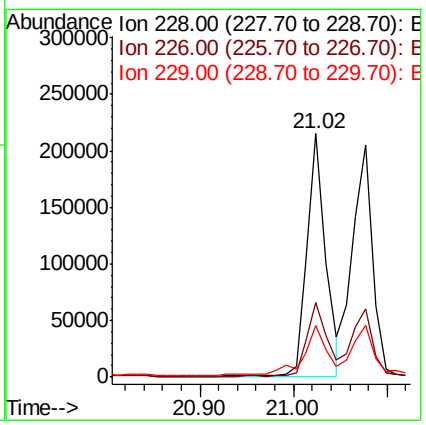


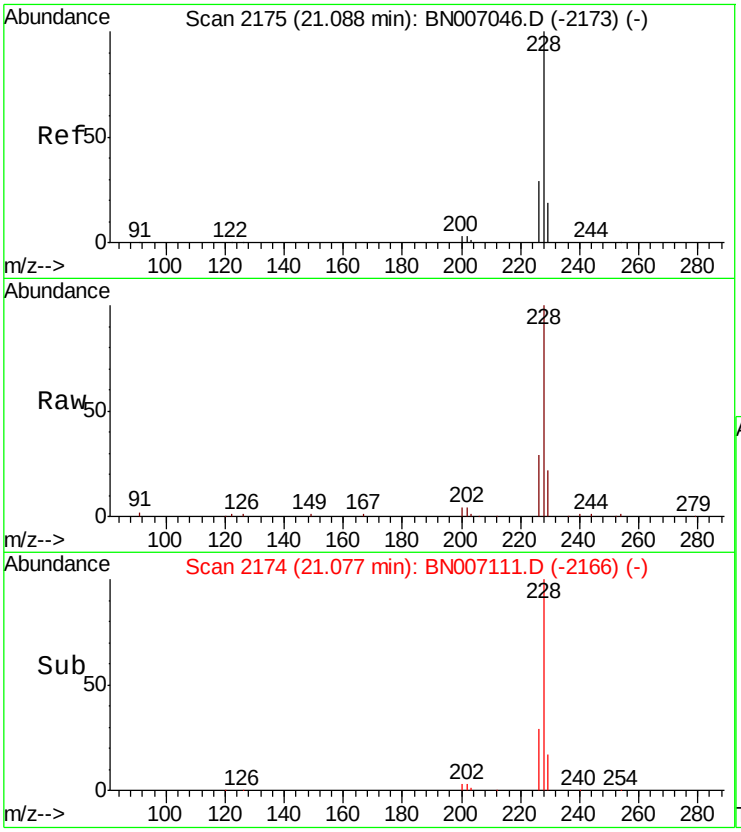


#29
Benzo(a)anthracene
Concen: 1.542 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:228 Resp: 295082

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.8	32.6
229	21.1	15.6	23.4



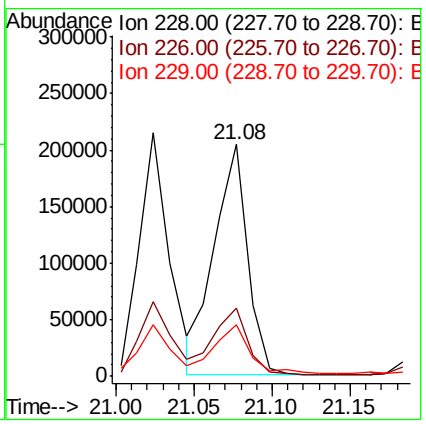


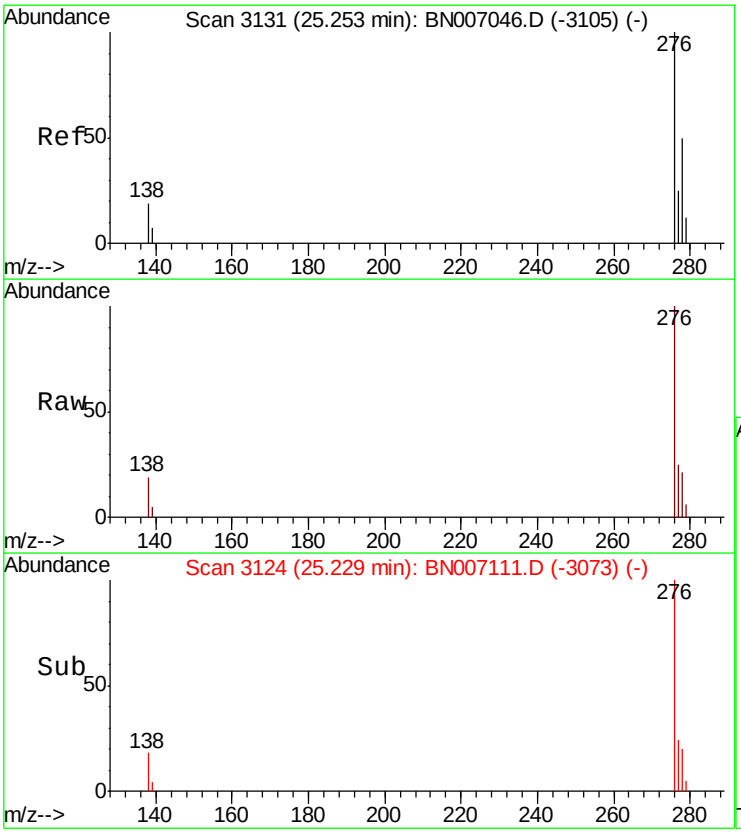
#30
Chrysene
Concen: 1.625 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 302229

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	22.2	15.7	23.5

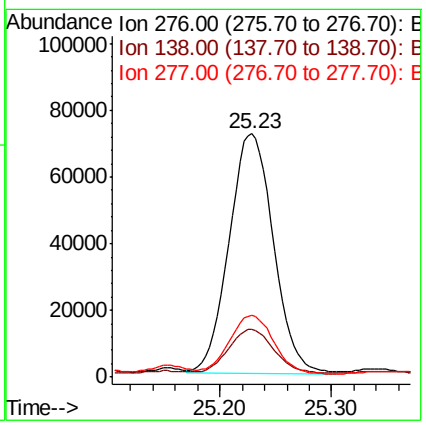


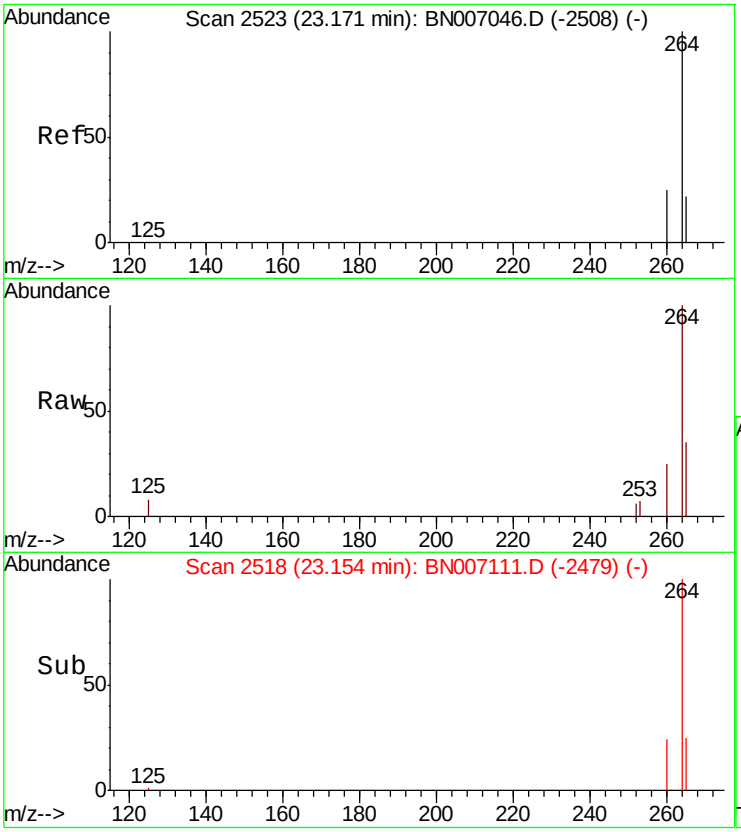


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.963 ng
RT: 25.23 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:276 Resp: 197368

Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.0	24.0
277	24.3	19.9	29.9



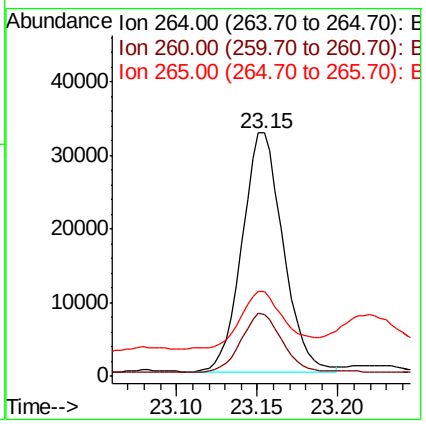


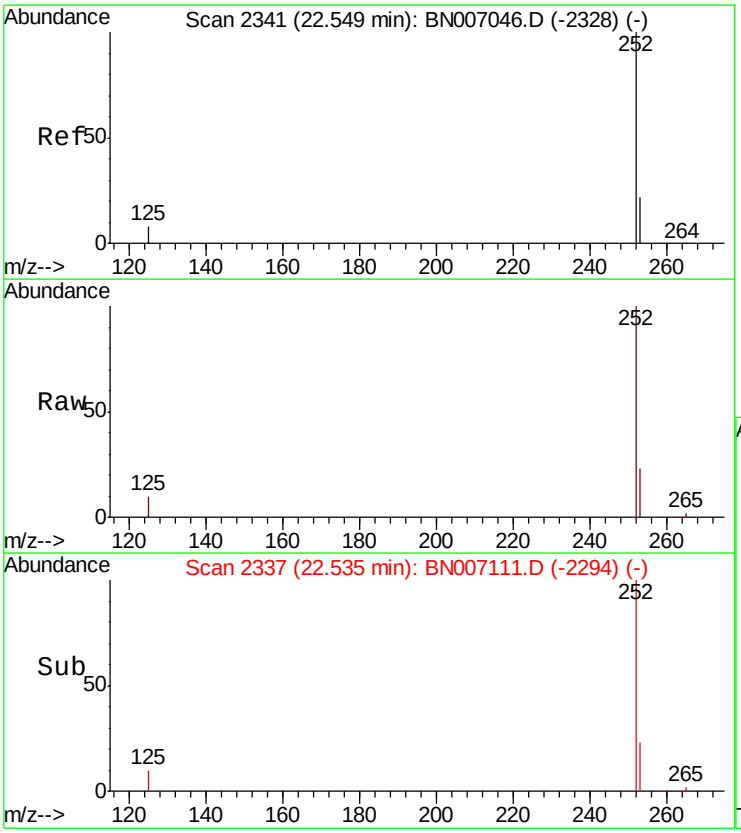
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 57268

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	34.6	26.2	39.4

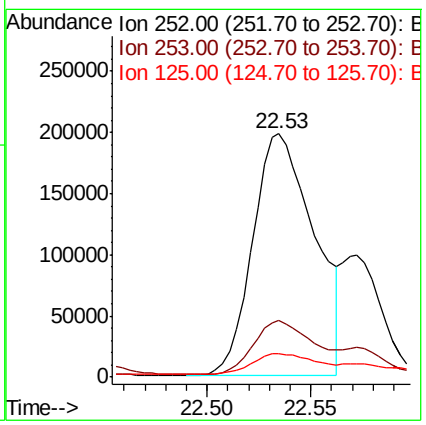


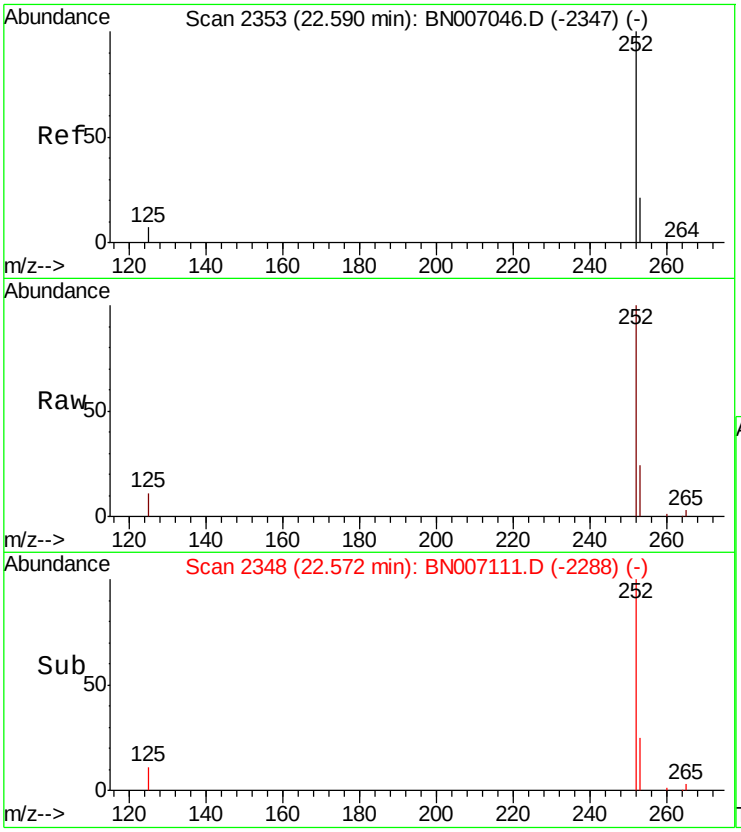


#33
Benzo(b)fluoranthene
Concen: 2.070 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:252 Resp: 406468

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	9.6	7.4	11.0



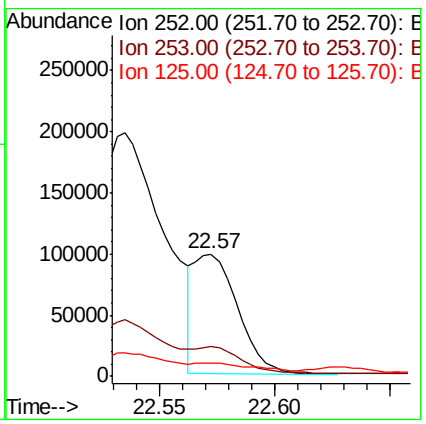


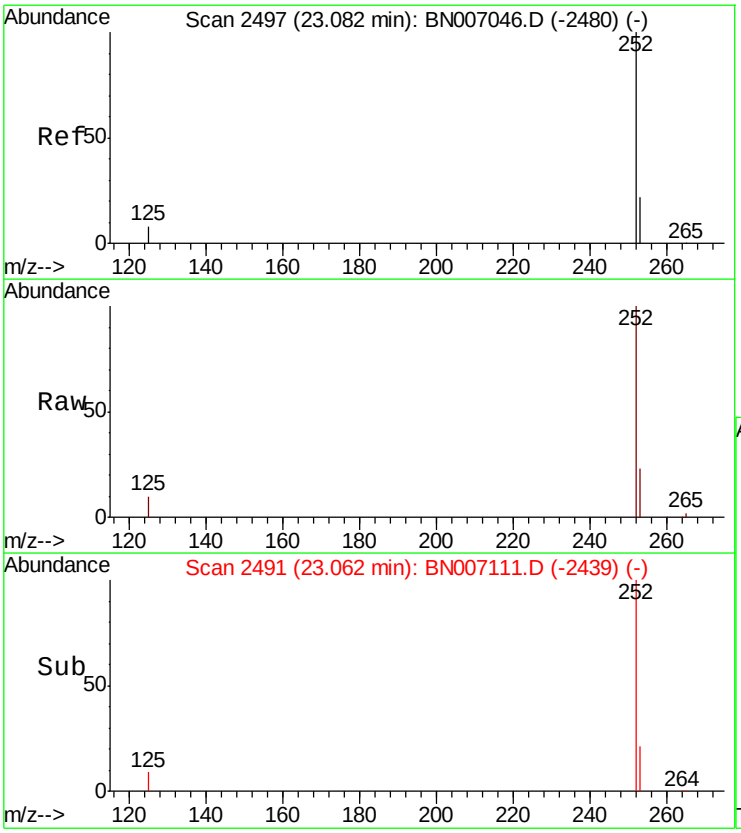
#34
Benzo(k)fluoranthene
Concen: 0.668 ng m
RT: 22.57 min Scan# 2348
Delta R.T. -0.02 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 129592

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	10.6	7.4	11.0

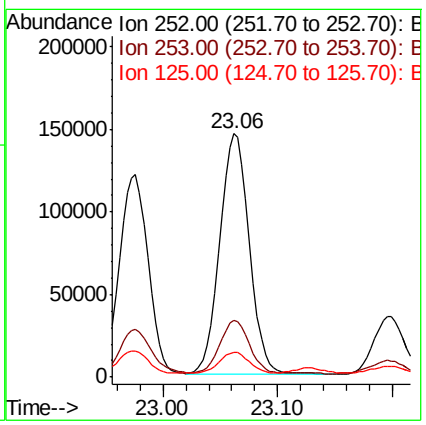


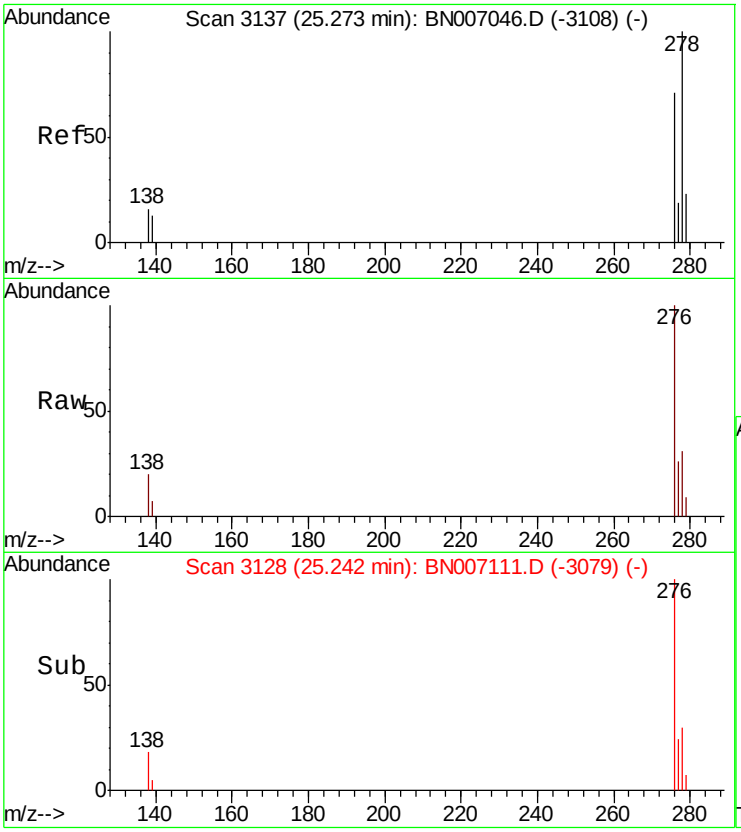


#35
Benzo(a)pyrene
Concen: 1.487 ng
RT: 23.06 min Scan# 2491
Delta R.T. -0.02 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:252 Resp: 264768

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	10.2	8.2	12.4



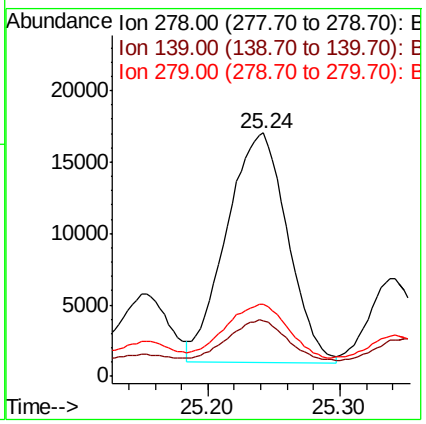


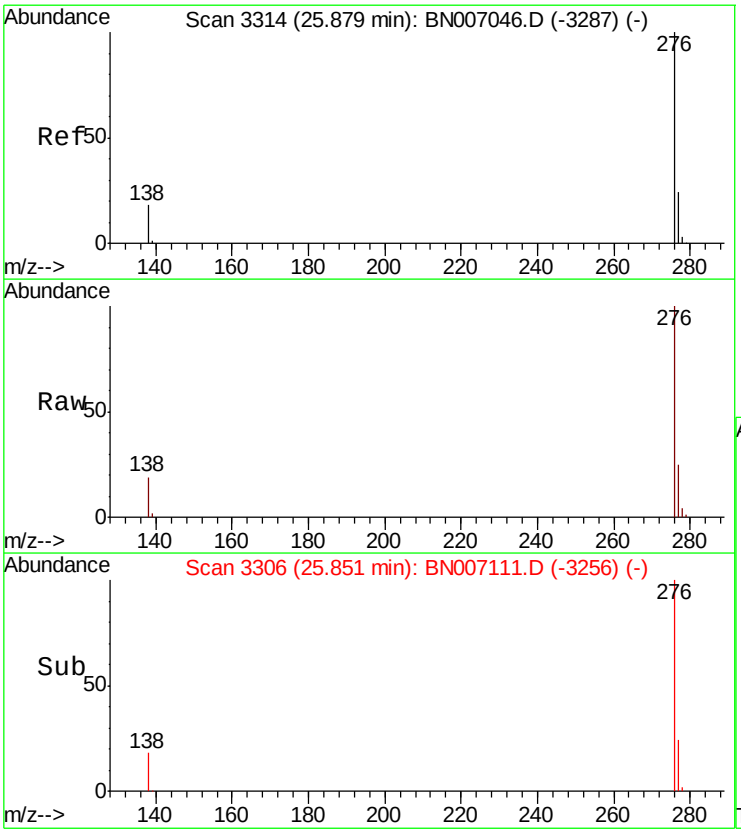
#36
Dibenzo(a,h)anthracene
Concen: 0.291 ng
RT: 25.24 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 51673

Ion	Ratio	Lower	Upper
278	100		
139	22.7	11.3	16.9#
279	29.6	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 1.111 ng
RT: 25.85 min Scan# 3306
Delta R.T. -0.03 min
Lab File: BN007111.D
Acq: 13 Aug 2019 02:42

Tgt Ion:276 Resp: 202948

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	19.4	14.6	22.0