Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007193.D
Acq On : 15 Aug 2019 13:09
Operator : HP/JU
Sample : K4173-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 16 02:41:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	12026	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	47354	0.40	ng		0.00
12) Acenaphthene-d10	14.07	164	27435	0.40	ng		-0.01
18) Phenanthrene-d10	16.82	188	63775	0.40	ng		0.00
26) Chrysene-d12	21.05	240	60499	0.40	ng		-0.01
32) Perylene-d12	23.16	264	70289	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	3313	0.11	ng		0.00
4) Phenol-d6	6.61	99	4413	0.12	ng		0.00
7) Nitrobenzene-d5	8.55	82	3663	0.10	ng		-0.01
10) 2-Methylnaphthalene-d10	11.79	152	7974	0.09	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1313	0.09	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	1060	0.03	ng		0.00
24) Fluoranthene-d10	18.87	212	19755	0.09	ng		0.00
28) Terphenyl-d14	19.49	244	14833	0.09	ng		-0.01
Target Compounds							Qvalue
8) Naphthalene	10.22	128	16617	0.125	ng		99
11) 2-Methylnaphthalene	11.86	142	12660	0.135	ng		96
15) Acenaphthylene	13.79	152	126483	0.882	ng		99
16) Acenaphthene	14.13	154	7221	0.079	ng		95
17) Fluorene	15.12	166	25870	0.188	ng	#	81
22) Phenanthrene	16.87	178	467052	2.444	ng		100
23) Anthracene	16.95	178	94058	0.539	ng		98
25) Fluoranthene	18.90	202	776849	3.177	ng		99
27) Pyrene	19.26	202	947947	4.468	ng		98
29) Benzo(a)anthracene	21.08	228	526251	2.379	ng		94
30) Chrysene	21.08	228	524647	2.441	ng		97
31) Indeno(1,2,3-cd)pyrene	25.23	276	302399	1.276	ng		99
33) Benzo(b)fluoranthene	22.54	252	576464	2.392	ng		99
34) Benzo(k)fluoranthene	22.54	252	576464	2.422	ng		99
35) Benzo(a)pyrene	23.07	252	431524	1.975	ng		99
36) Dibenzo(a,h)anthracene	25.24	278	81208	0.372	ng	#	87
37) Benzo(g,h,i)perylene	25.86	276	325103	1.450	ng		99

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

Quantitation Report (Not Reviewed)

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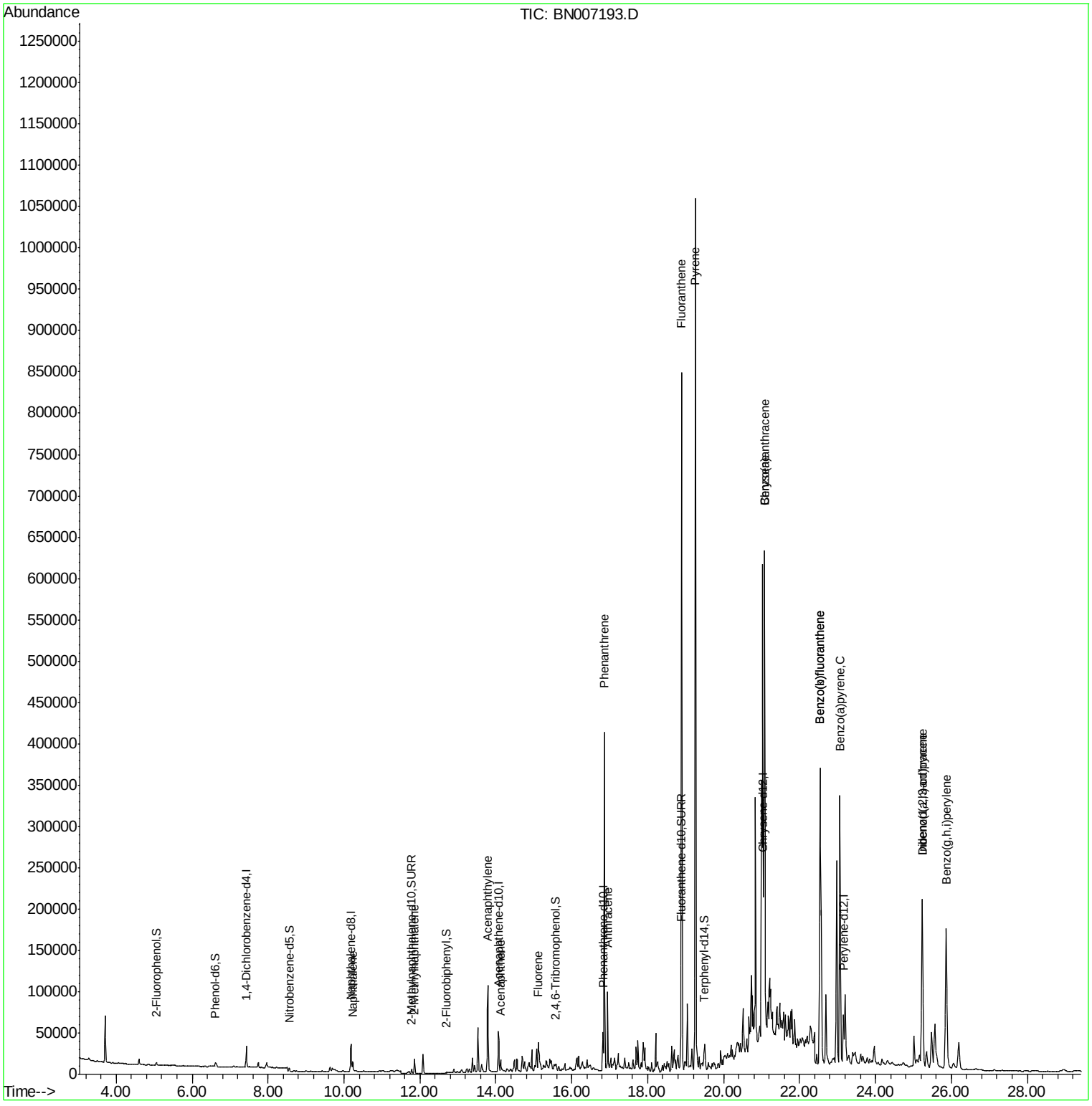
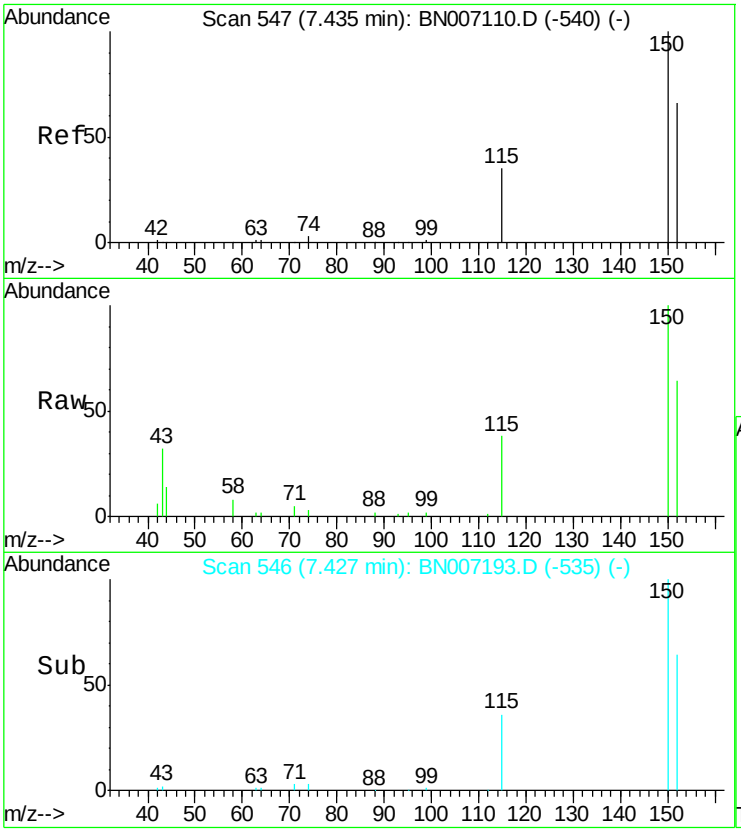
Response via : Initial Calibration



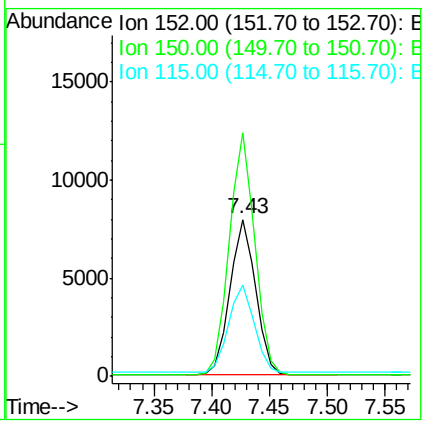


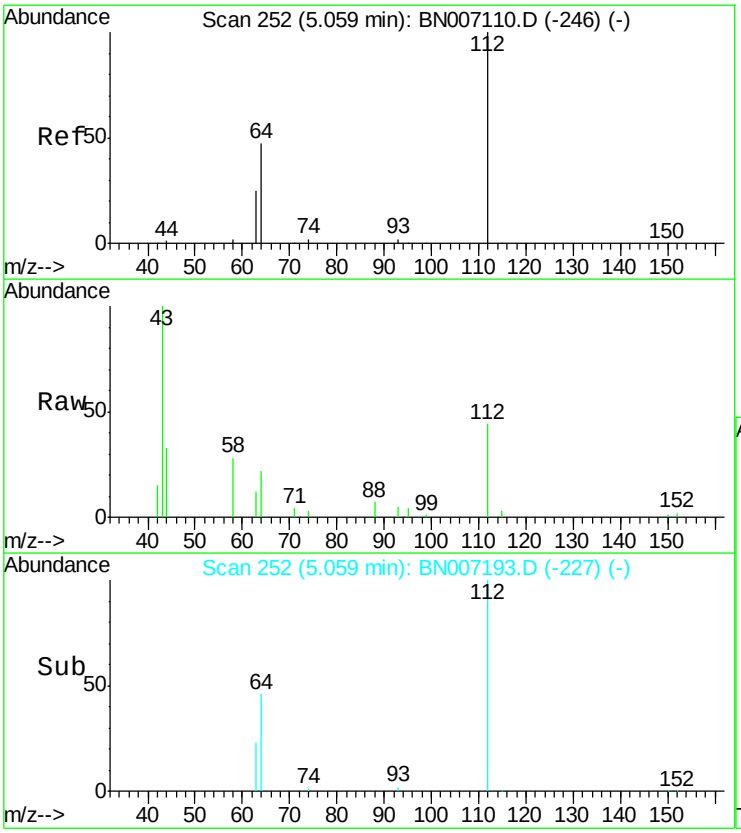
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12026

Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.7	182.5
115	58.6	46.2	69.4

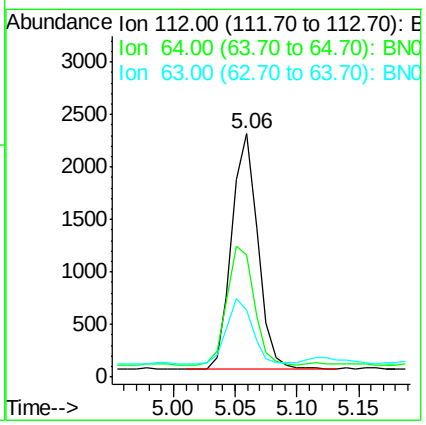


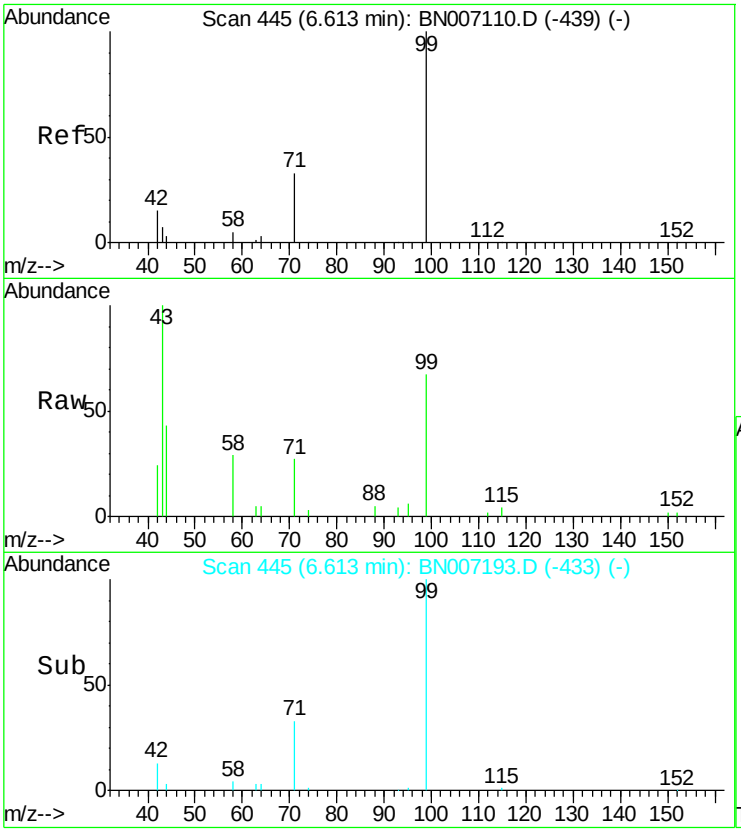


#3
2-Fluorophenol
Concen: 0.115 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:112 Resp: 3313

Ion	Ratio	Lower	Upper
112	100		
64	51.5	42.6	63.8
63	27.6	22.2	33.2



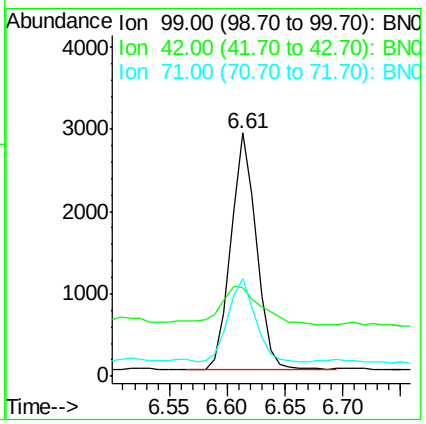


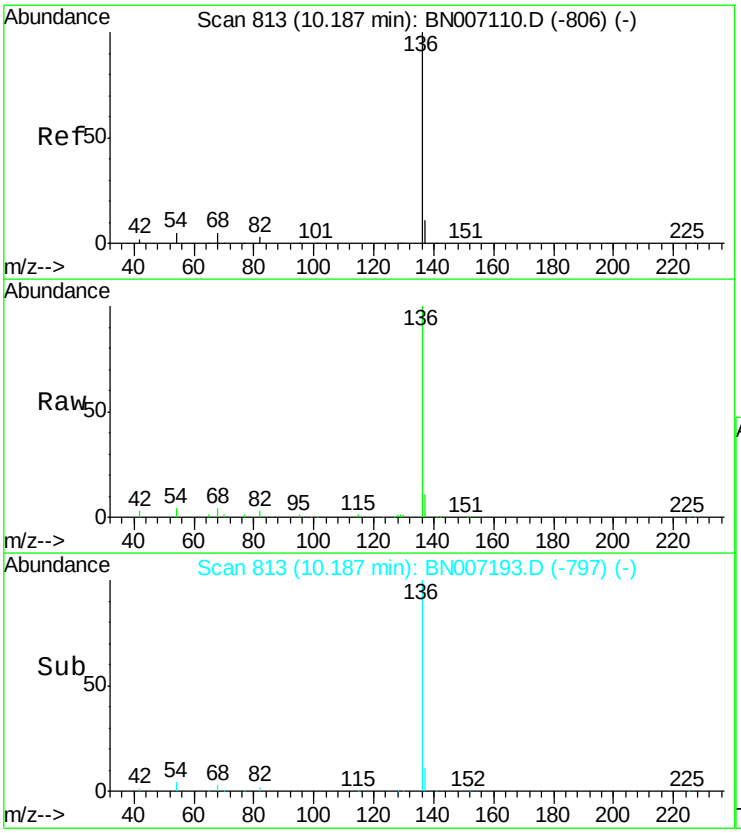
#4
Phenol-d6
Concen: 0.123 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4413

Ion	Ratio	Lower	Upper
99	100		
42	26.3	15.8	23.6#
71	37.0	27.0	40.4

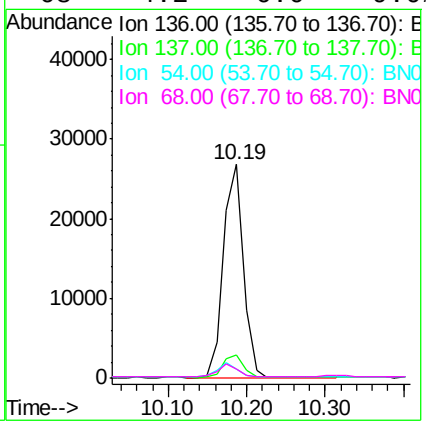


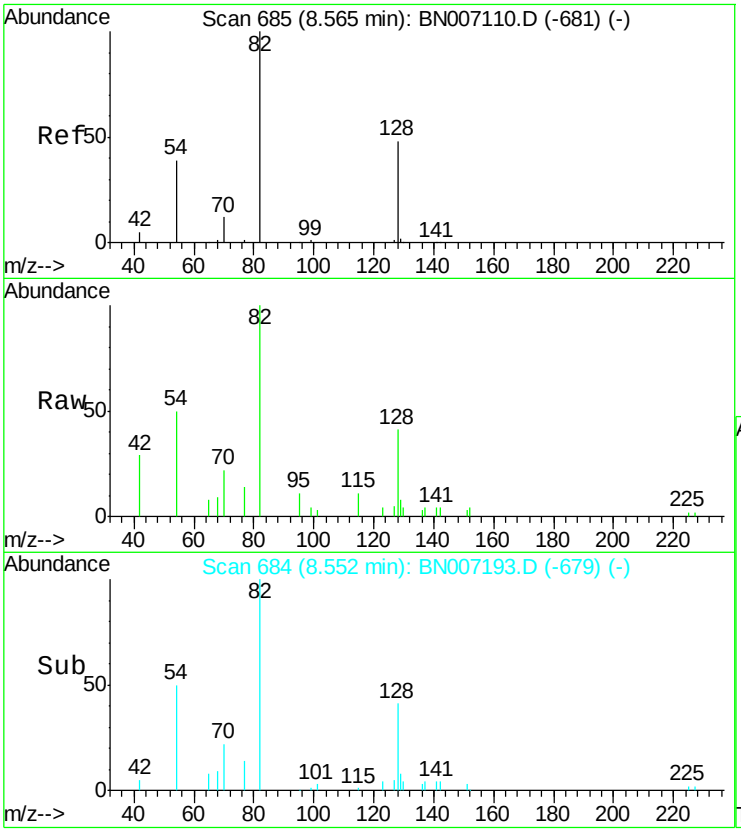


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:136 Resp: 47354

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.0
54	4.4	6.6	9.8#
68	4.2	6.0	9.0#



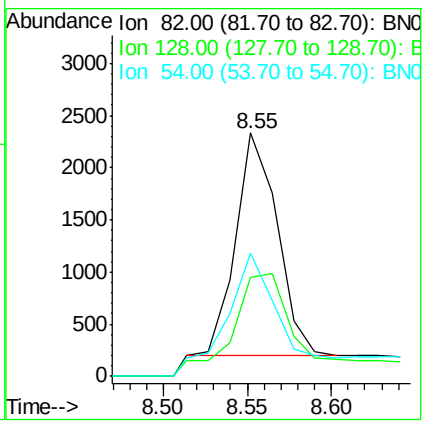


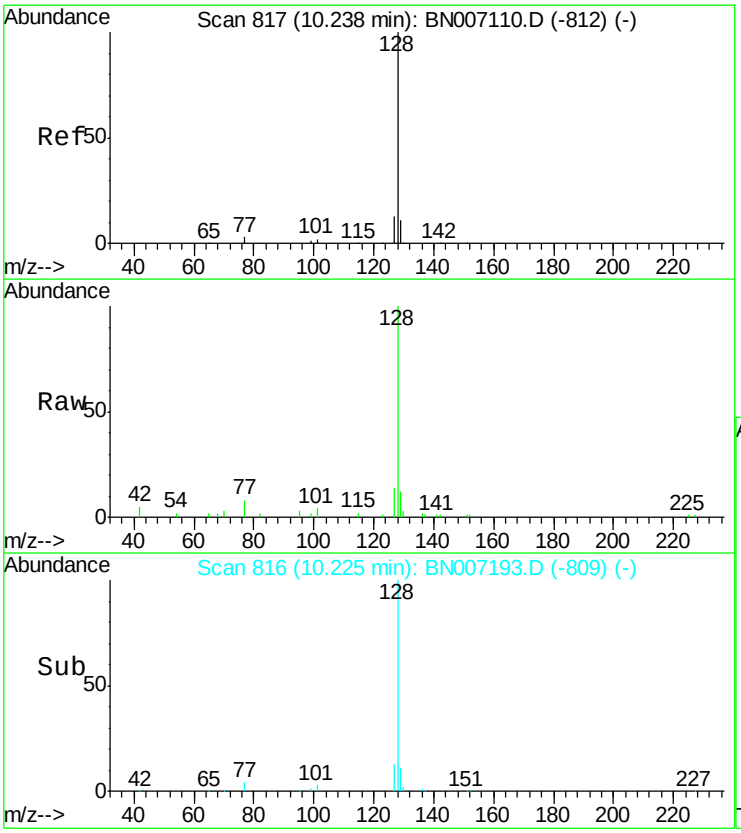
#7
Nitrobenzene-d5
Concen: 0.096 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 3663

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	51.8
54	50.4	36.2	54.4

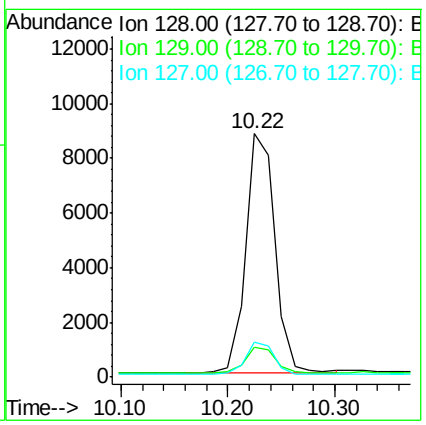


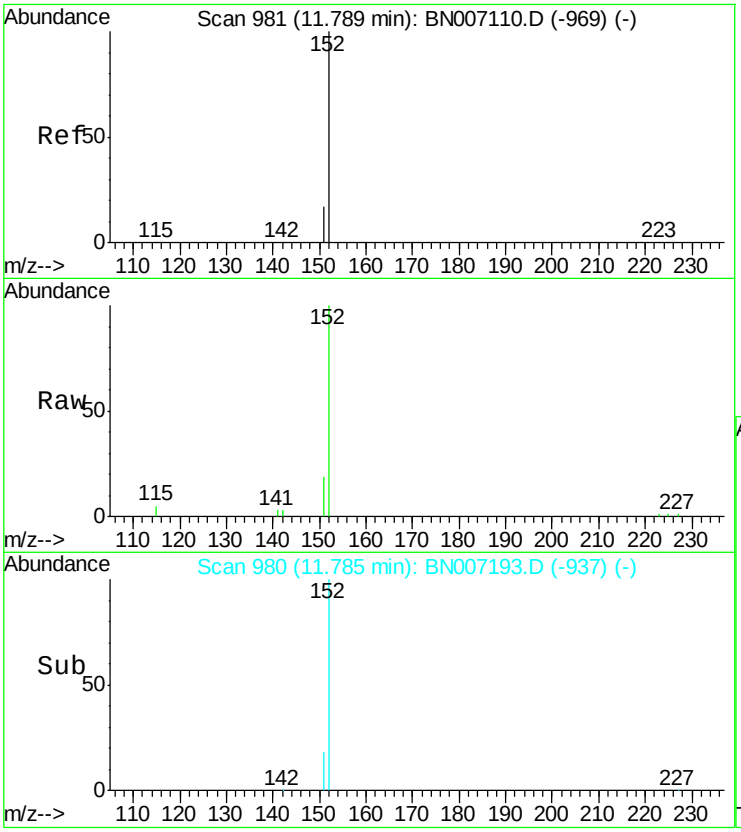


#8
Naphthalene
Concen: 0.125 ng
RT: 10.22 min Scan# 816
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:128 Resp: 16617

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.2
127	14.2	11.0	16.6



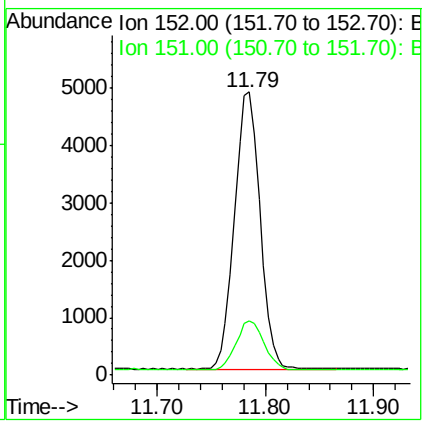


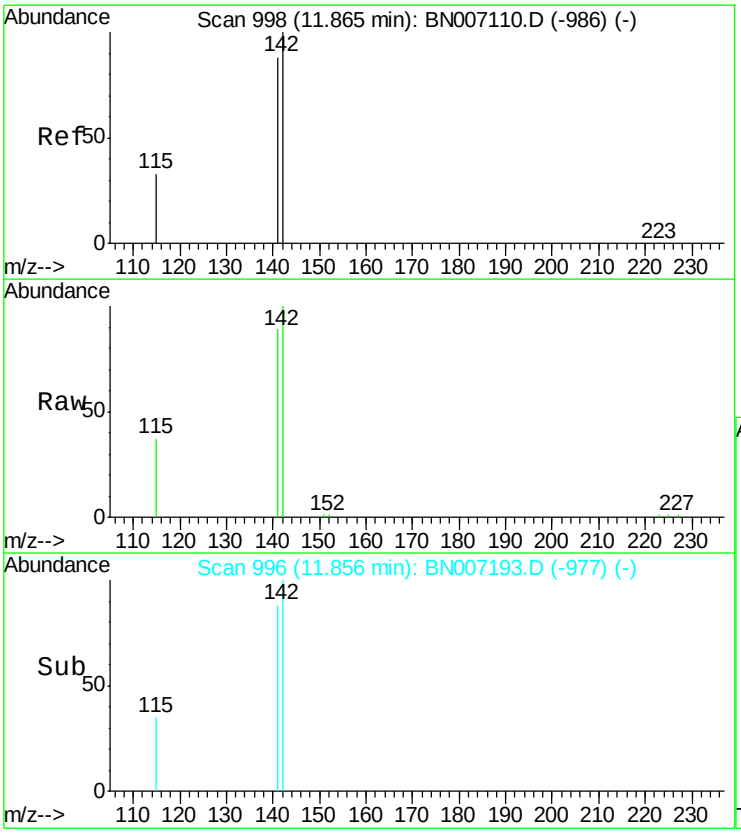
#10
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7974

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3

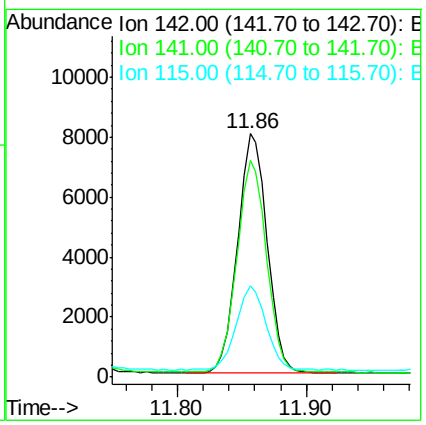


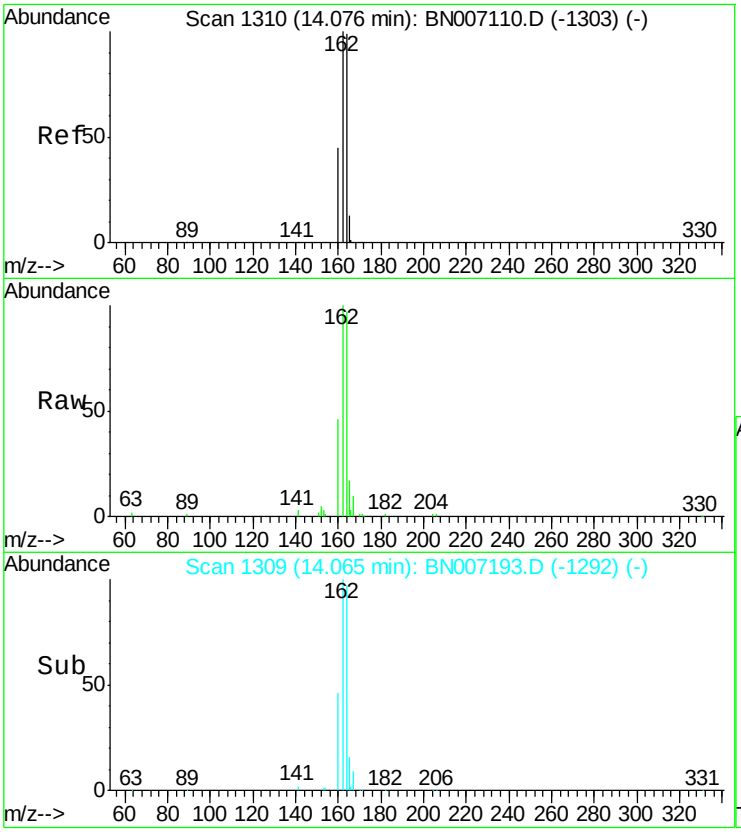


#11
2-Methylnaphthalene
Concen: 0.135 ng
RT: 11.86 min Scan# 996
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:142 Resp: 12660

Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.0	103.6
115	37.3	27.1	40.7



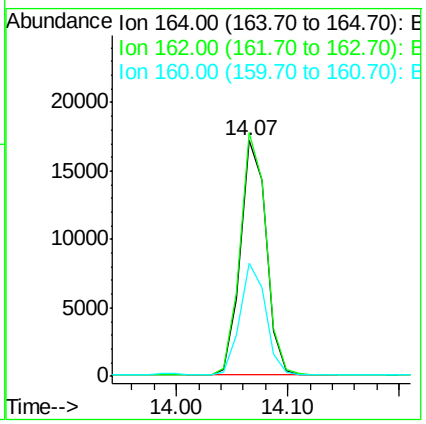


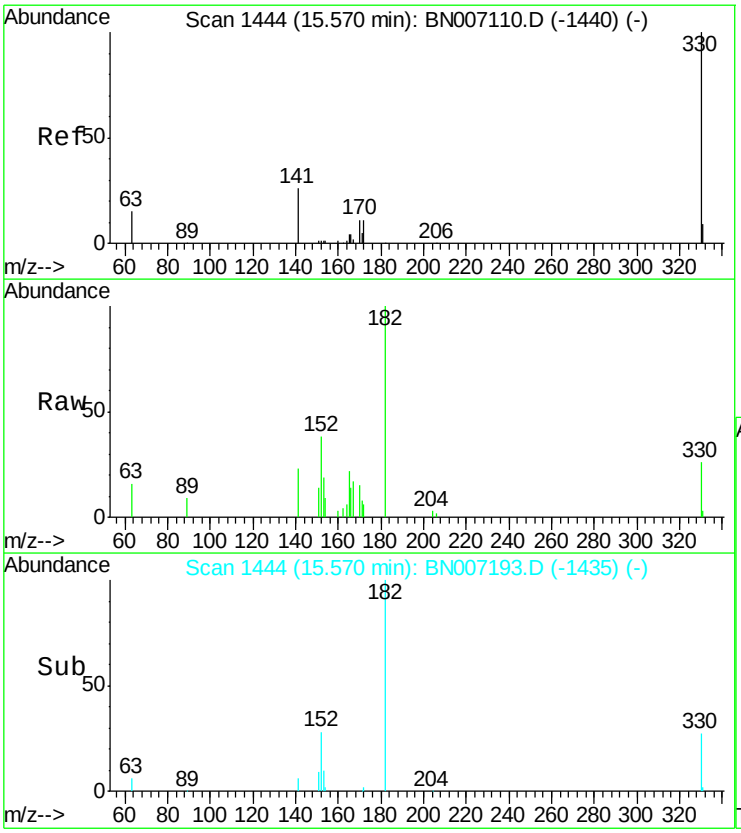
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 27435

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.4
160	47.9	38.3	57.5

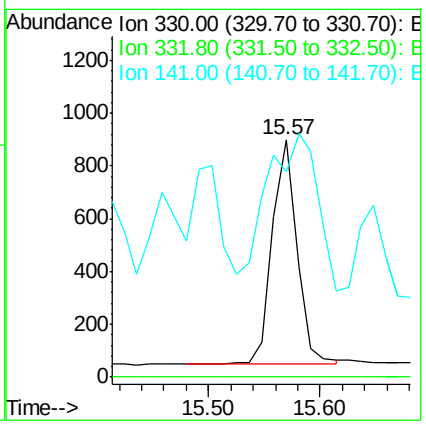


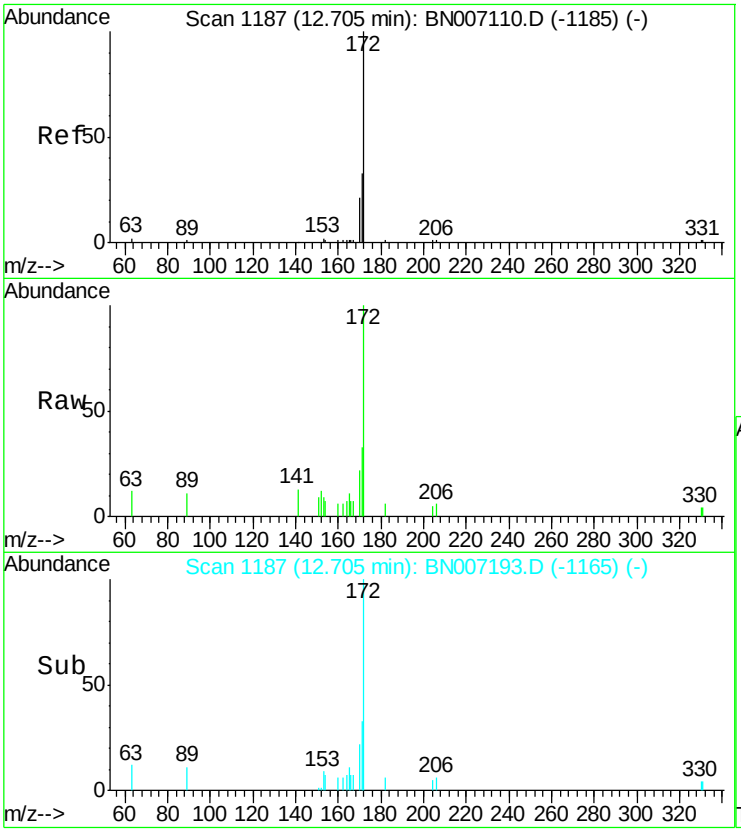


#13
2,4,6-Tribromophenol
Concen: 0.089 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:330 Resp: 1313

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	142.4	33.6	50.4#



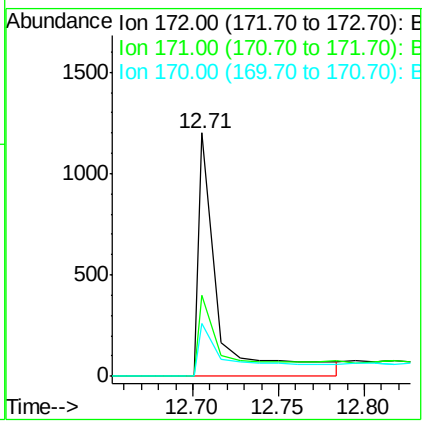


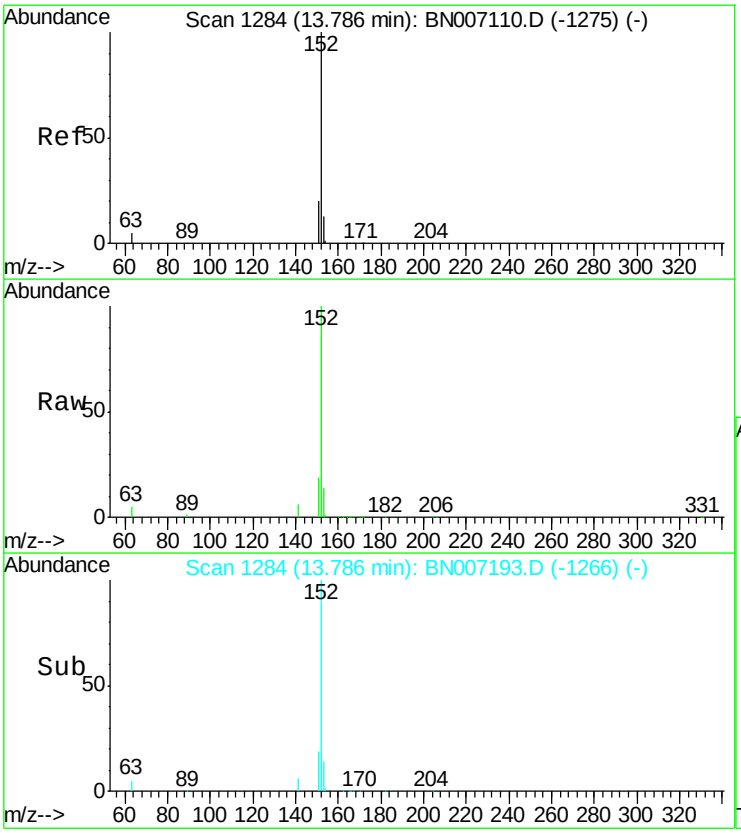
#14
2-Fluorobiphenyl
Concen: 0.027 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1060

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.3	39.5
170	21.6	17.0	25.4

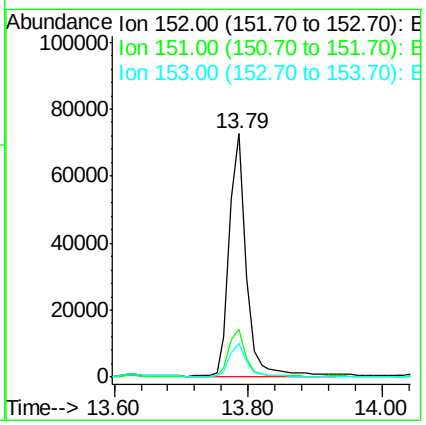


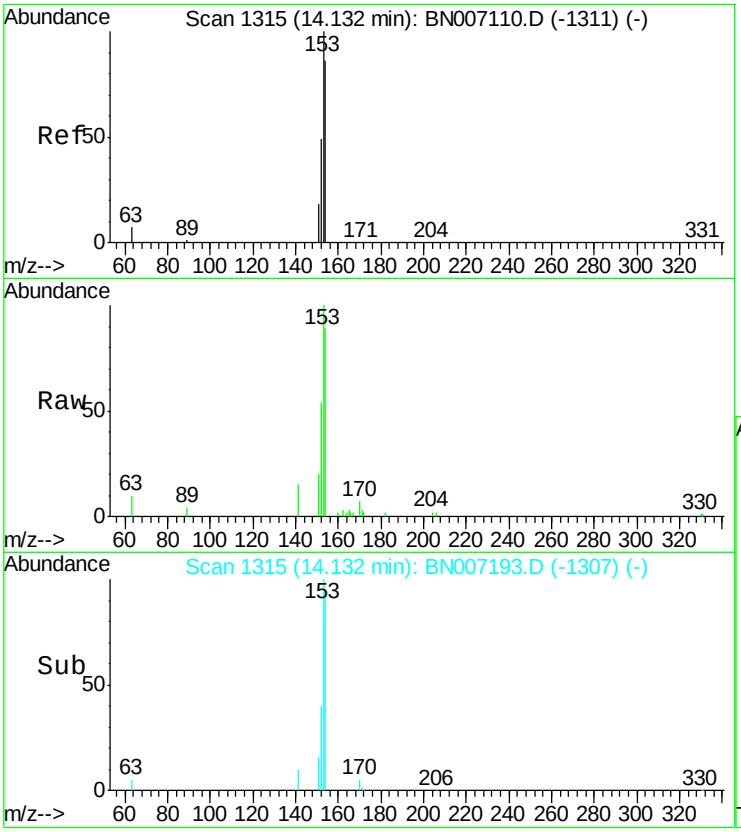


#15
Acenaphthylene
Concen: 0.882 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:152 Resp: 126483

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.6	10.4	15.6



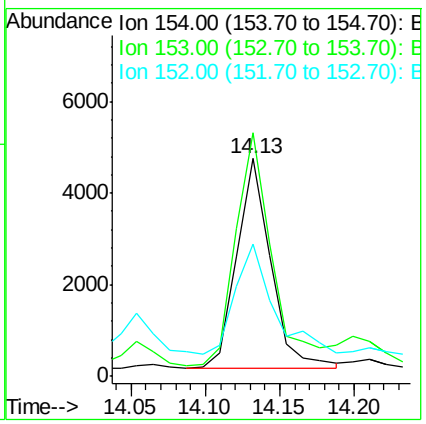


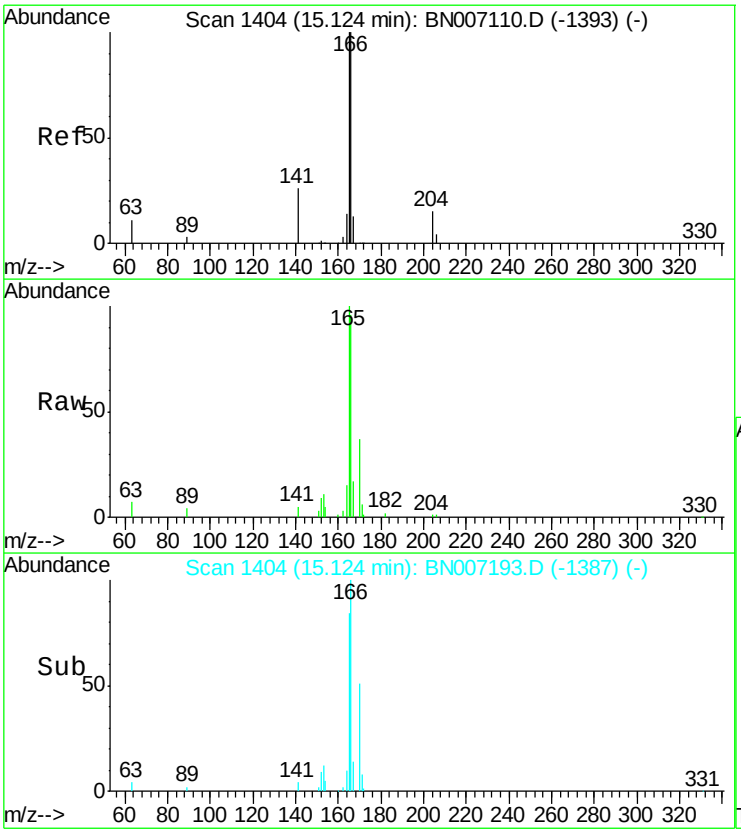
#16
Acenaphthene
Concen: 0.079 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 7221

Ion	Ratio	Lower	Upper
154	100		
153	116.7	89.5	134.3
152	59.5	44.8	67.2

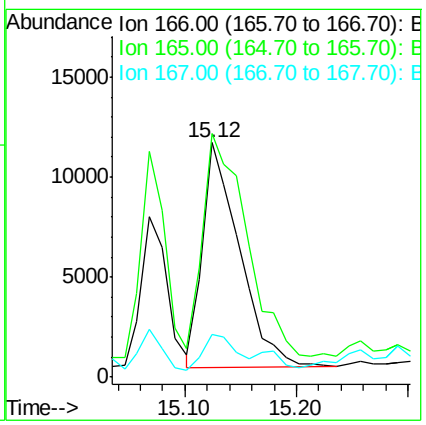


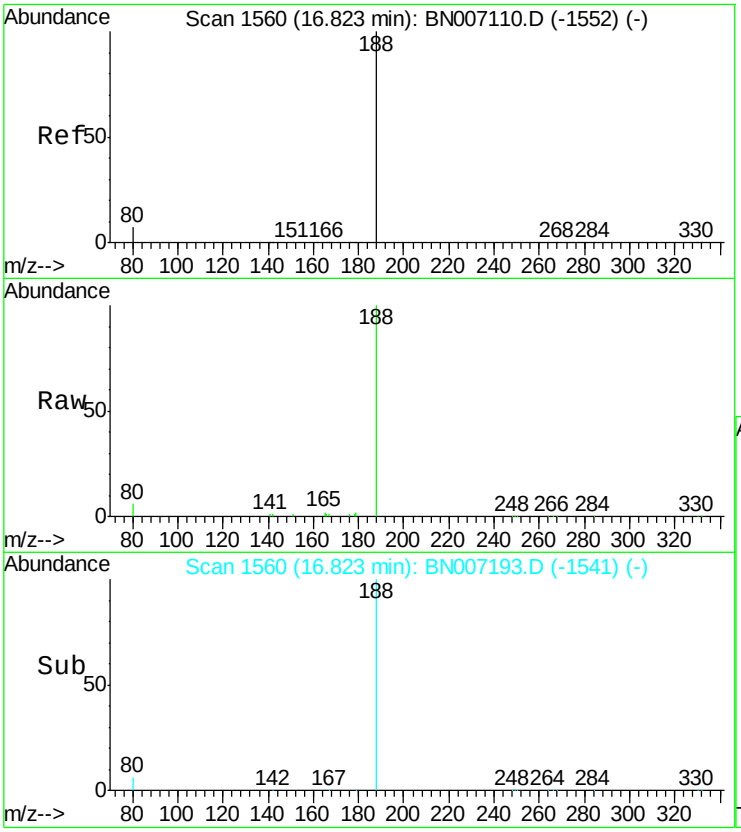


#17
Fluorene
Concen: 0.188 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:166 Resp: 25870

Ion	Ratio	Lower	Upper
166	100		
165	118.2	77.9	116.9#
167	14.1	10.9	16.3



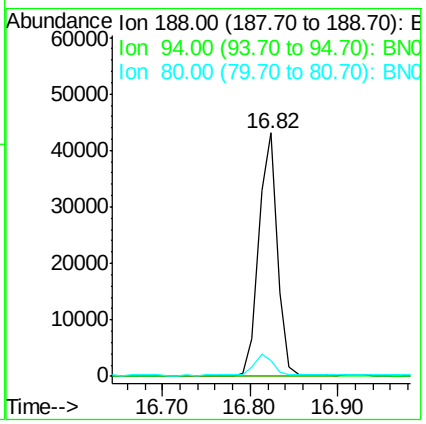


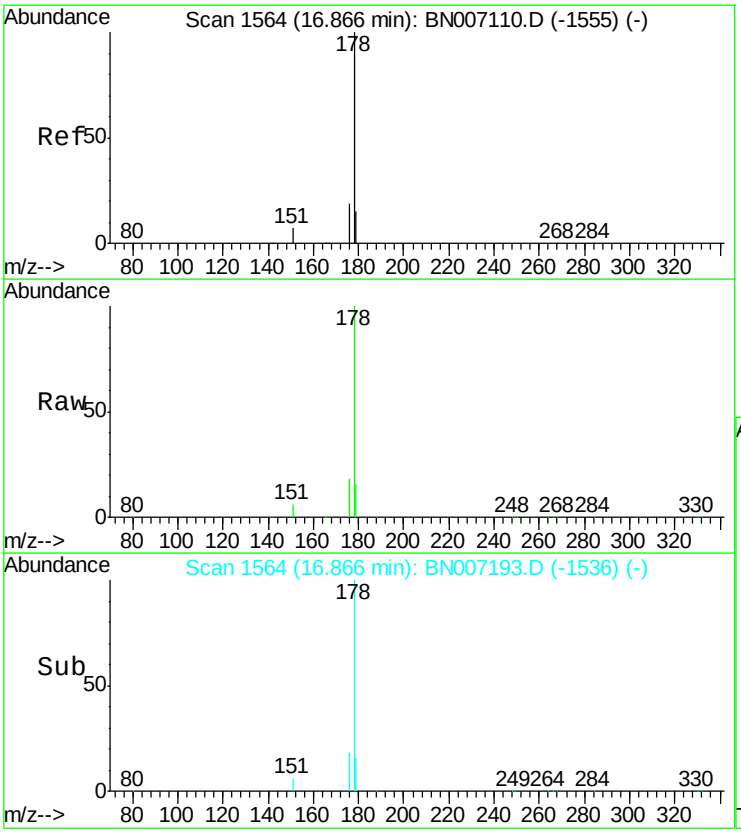
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 63775

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	7.8	11.6#

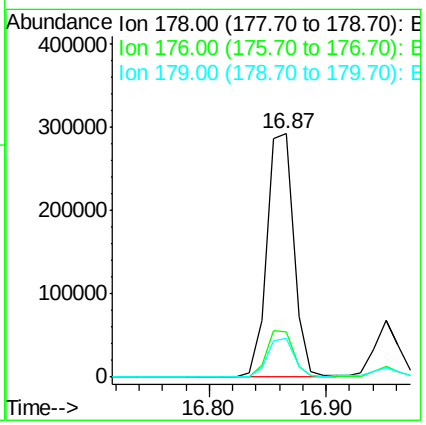


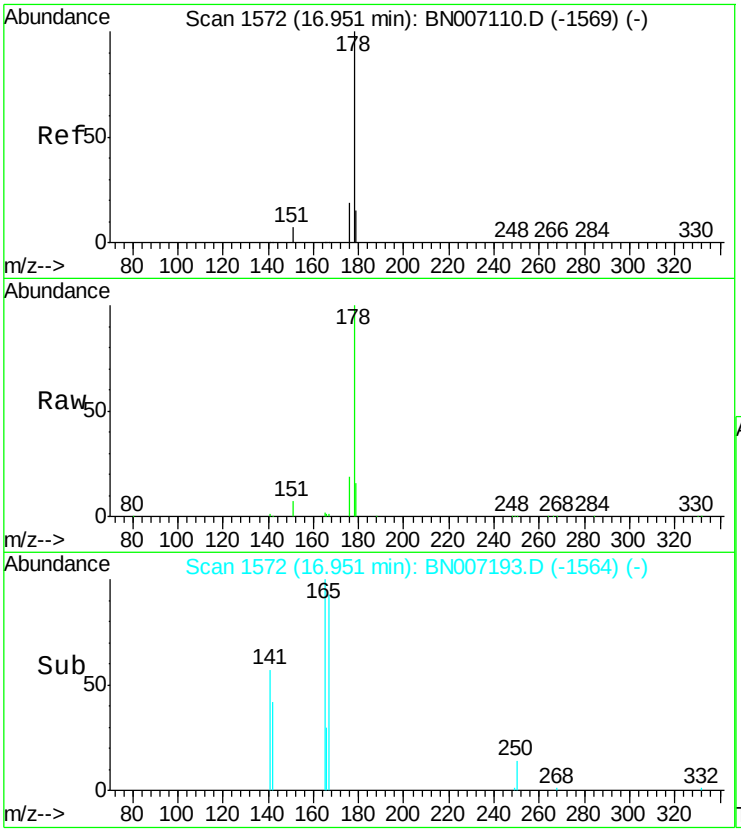


#22
Phenanthrene
Concen: 2.444 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:178 Resp: 467052

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.6	12.3	18.5



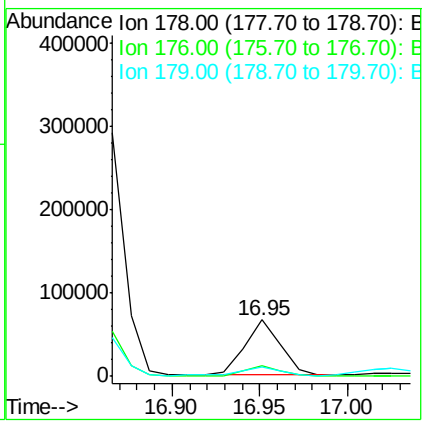


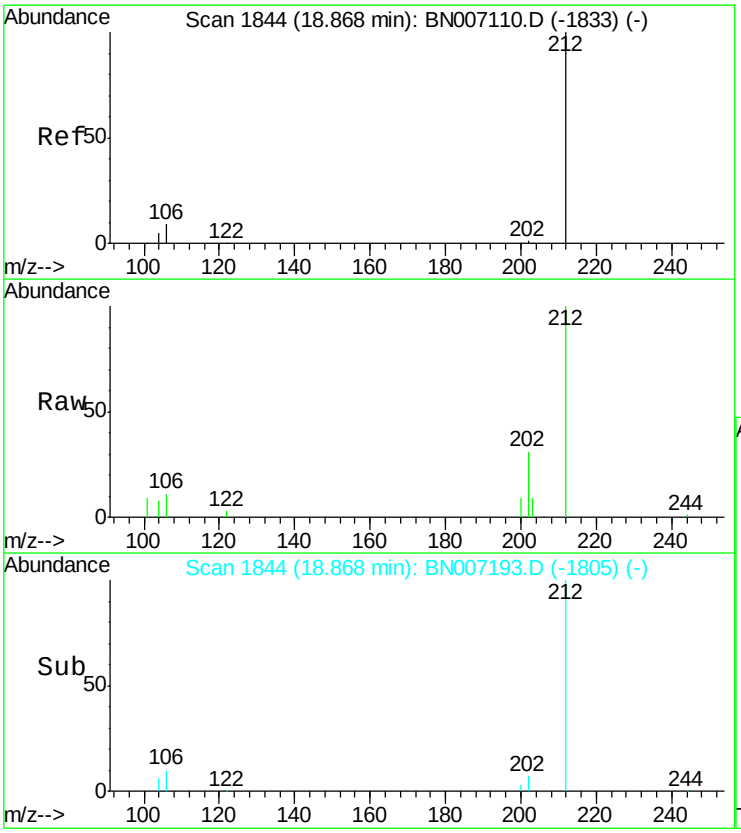
#23
Anthracene
Concen: 0.539 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 94058

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	17.2	12.5	18.7

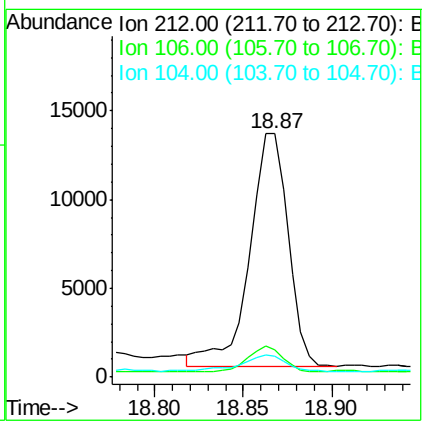


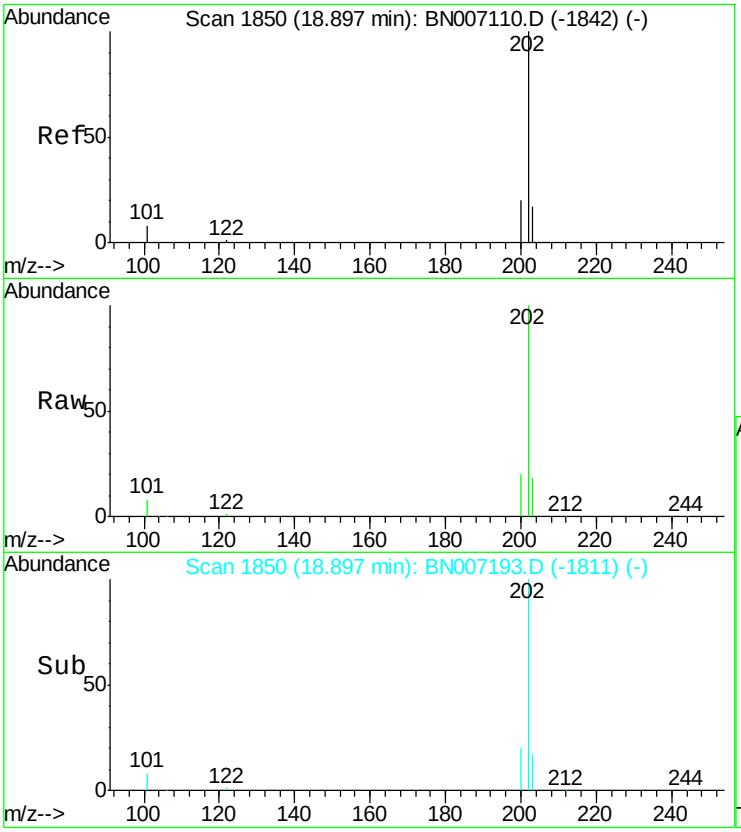


#24
Fluoranthene-d10
Concen: 0.087 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:212 Resp: 19755

Ion	Ratio	Lower	Upper
212	100		
106	10.8	8.2	12.2
104	8.6	4.5	6.7#



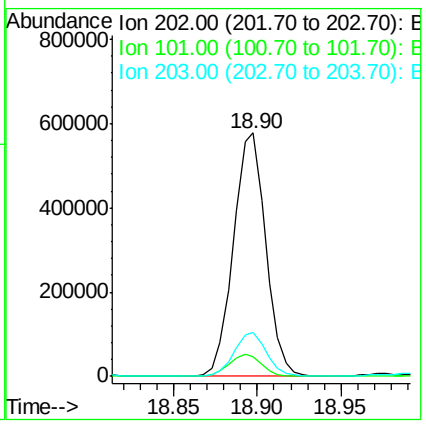


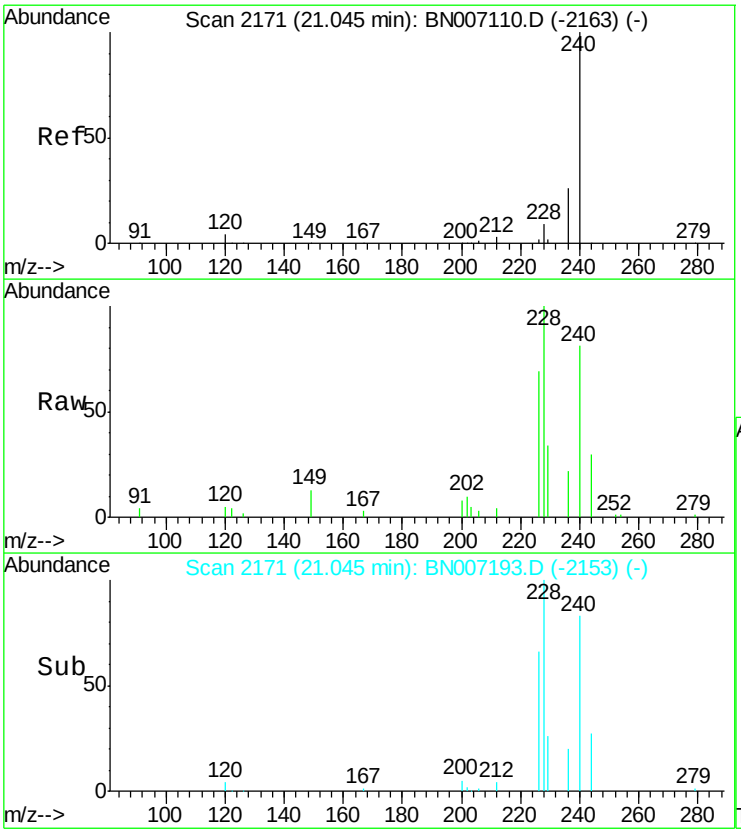
#25
Fluoranthene
Concen: 3.177 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 776849

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
203	17.8	13.8	20.8

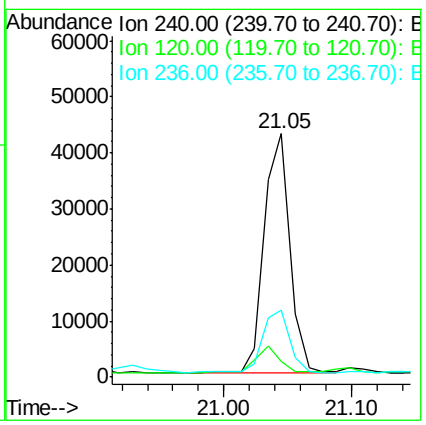


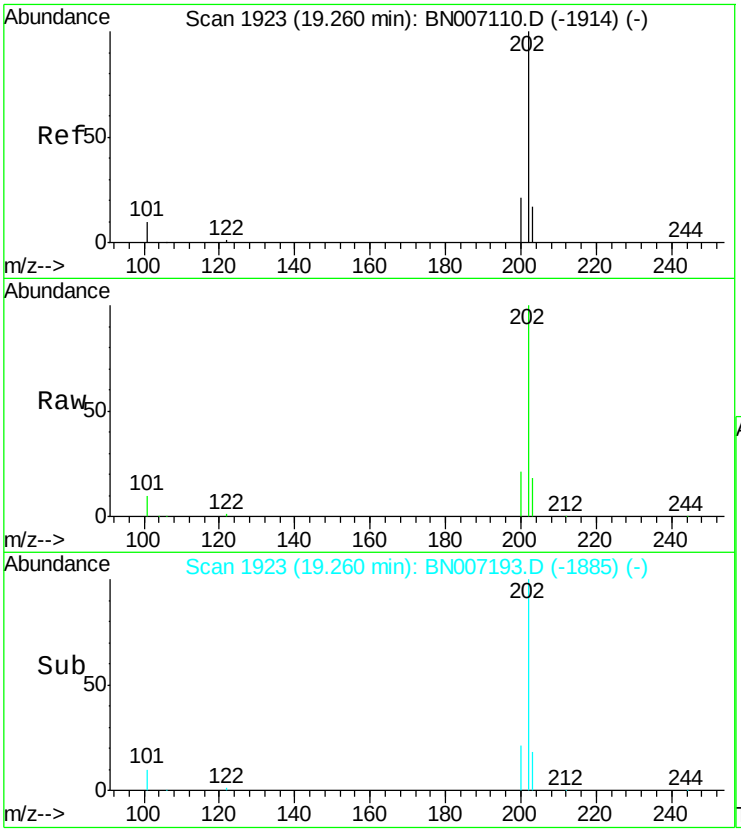


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:240 Resp: 60499

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.0	6.0#
236	27.5	21.3	31.9



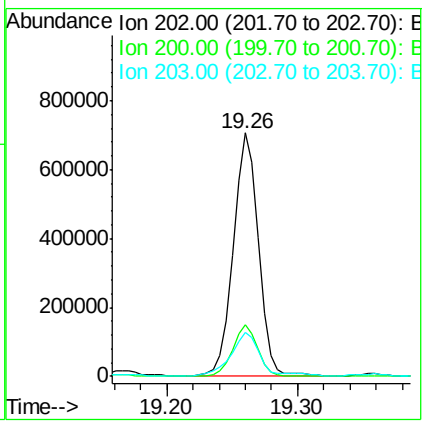


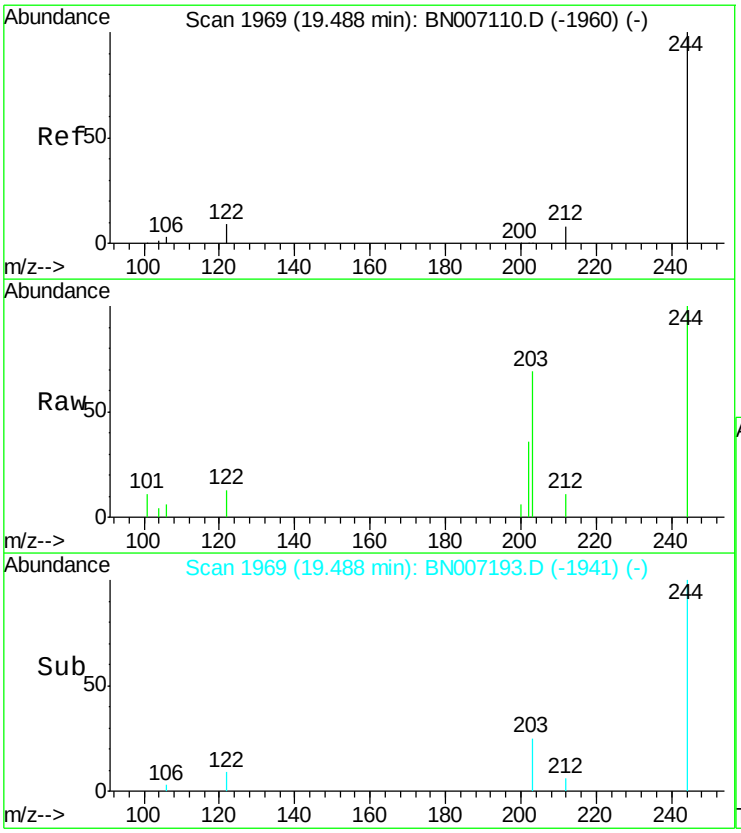
#27
Pyrene
Concen: 4.468 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 947947

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	19.7	14.0	21.0

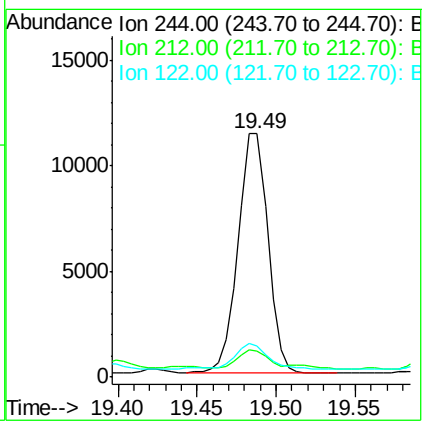


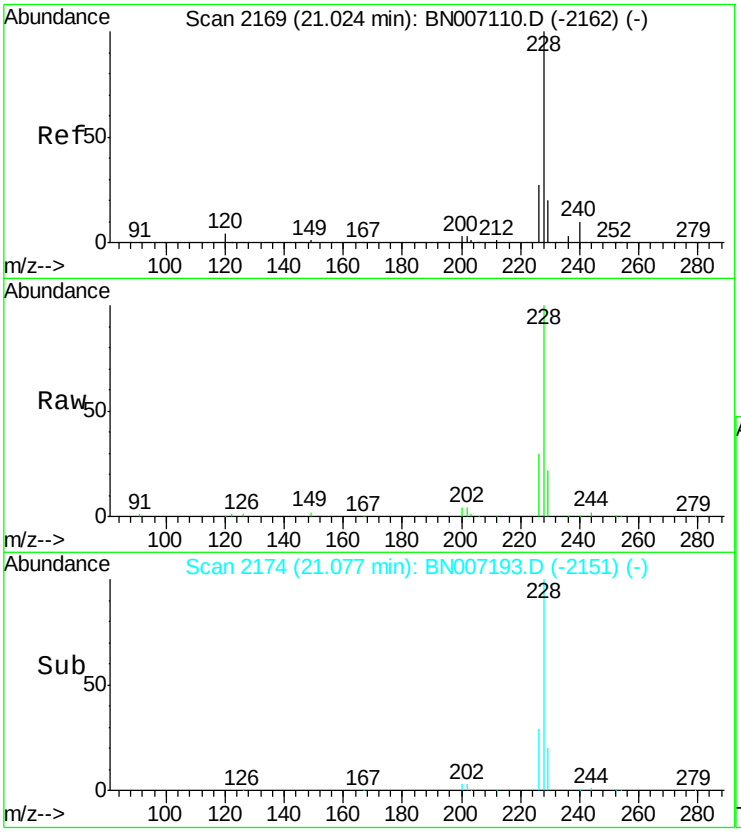


#28
Terphenyl-d14
Concen: 0.090 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:244 Resp: 14833

Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.2	9.2#
122	12.8	7.4	11.2#



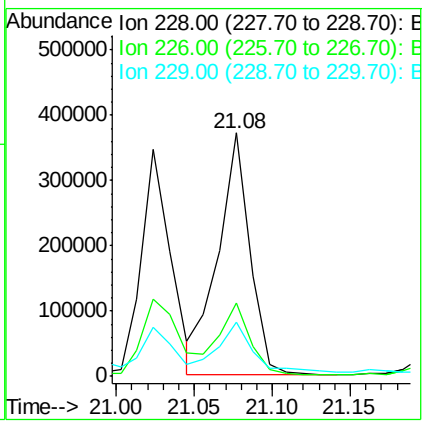


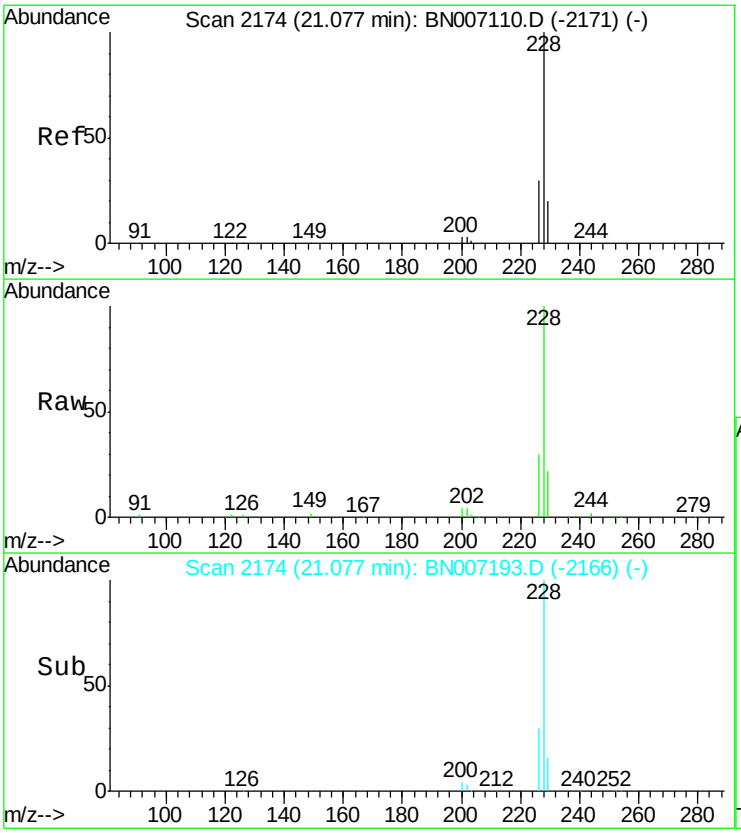
#29
Benzo(a)anthracene
Concen: 2.379 ng
RT: 21.08 min Scan# 2174
Delta R.T. 0.04 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 526251

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.8	32.6
229	22.3	15.6	23.4

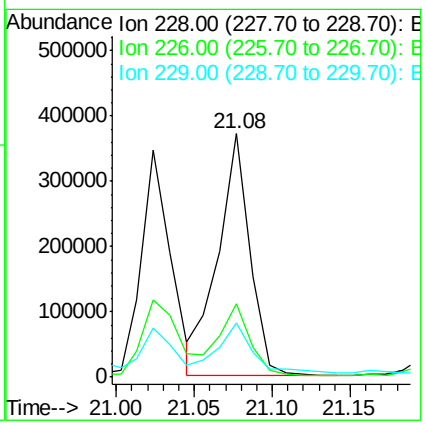


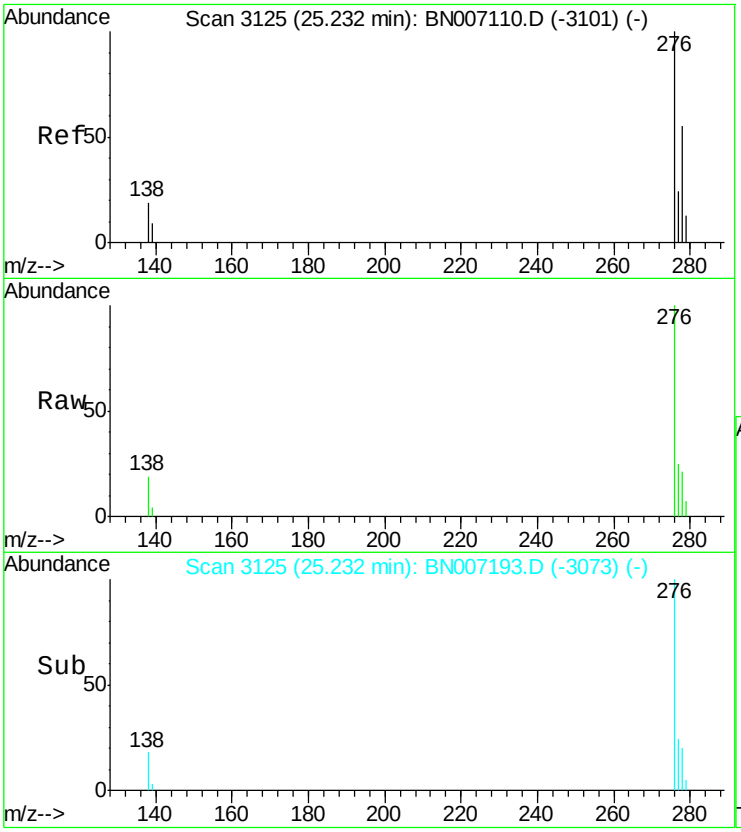


#30
Chrysene
Concen: 2.441 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:228 Resp: 524647

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	22.3	15.7	23.5



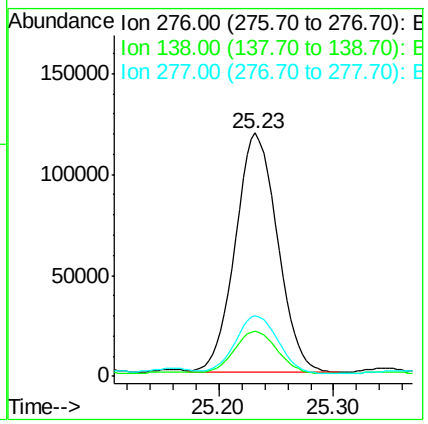


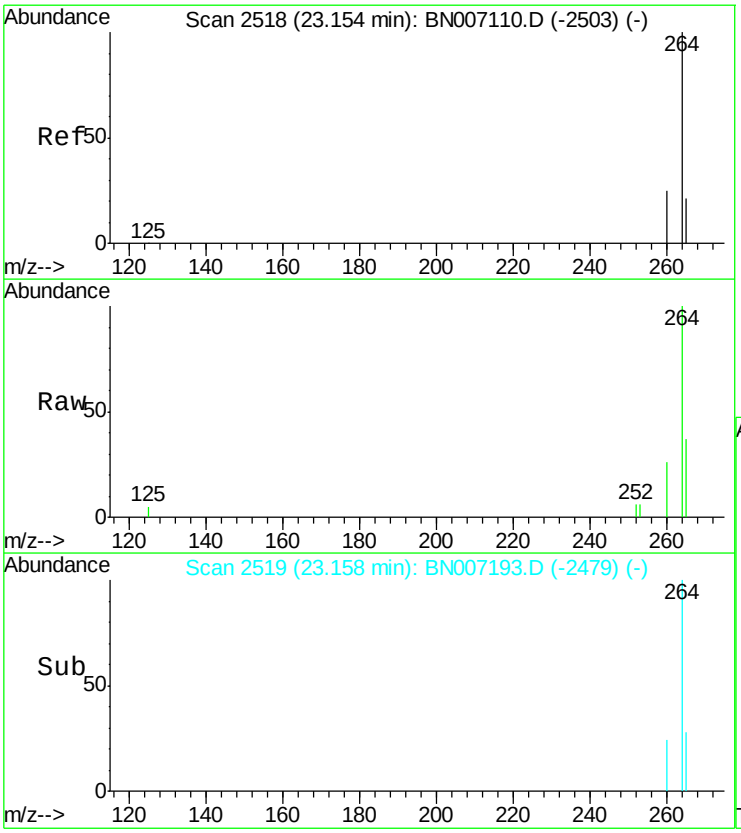
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.276 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 302399

Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.0	24.0
277	24.9	19.9	29.9

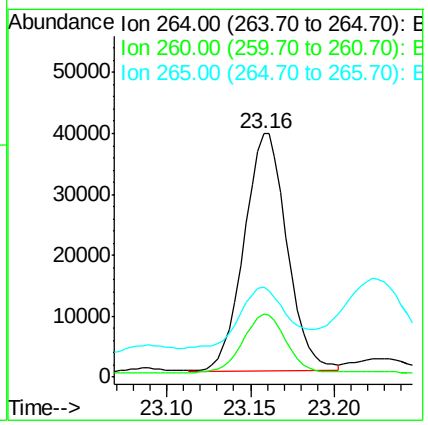


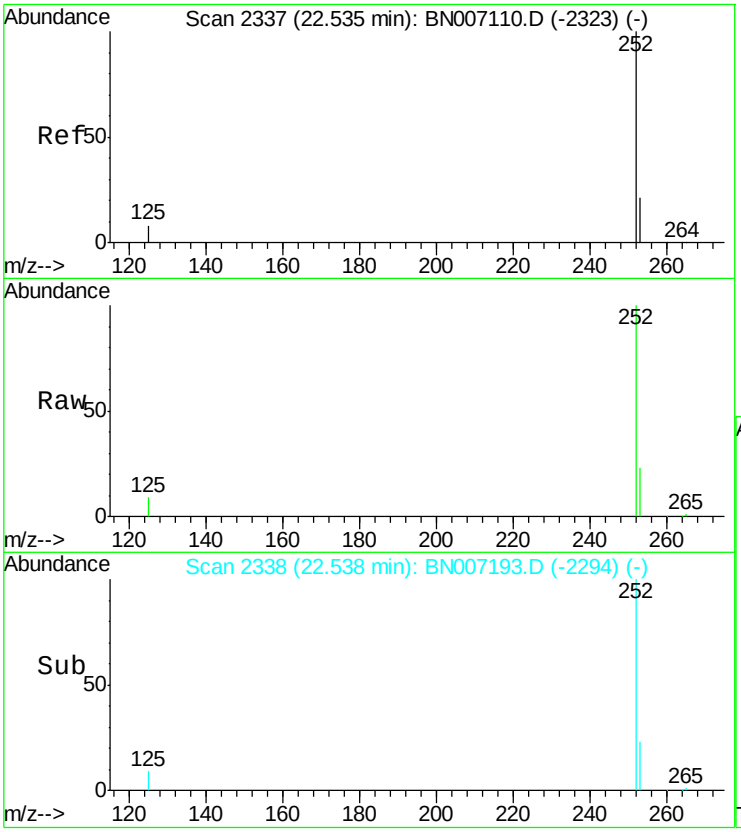


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:264 Resp: 70289

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.8	29.8
265	37.0	26.2	39.4



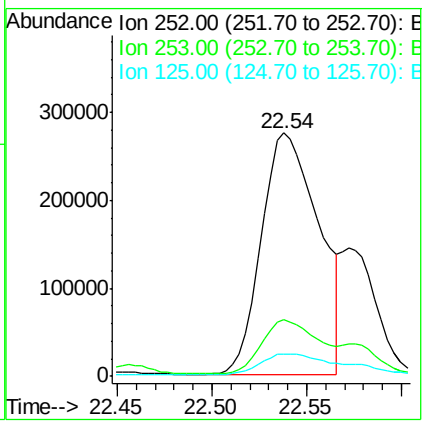


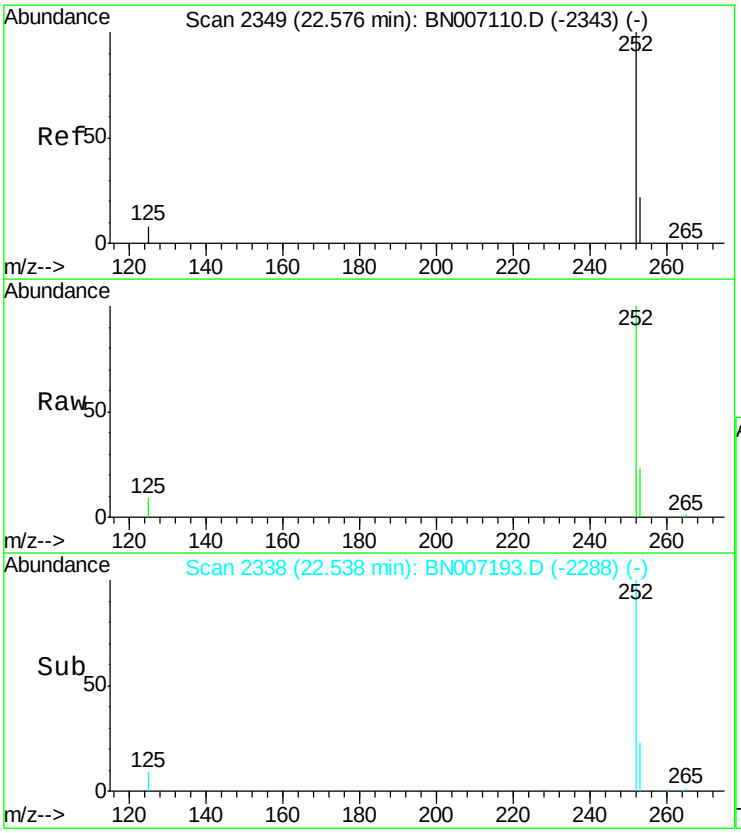
#33
Benzo(b)fluoranthene
Concen: 2.392 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 576464

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.2	7.4	11.0

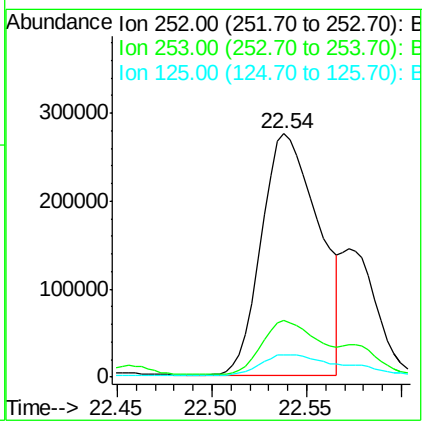


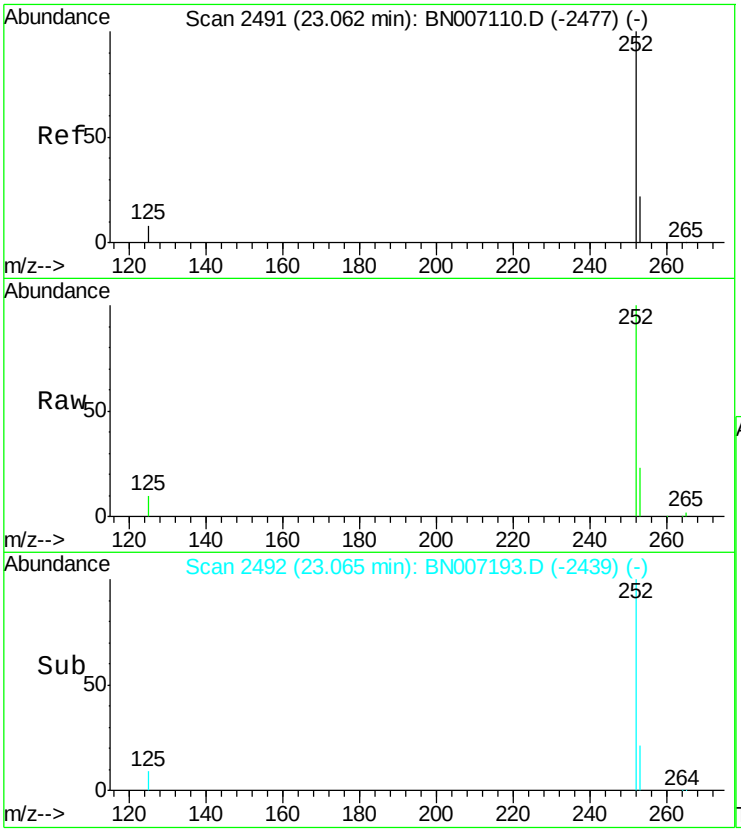


#34
Benzo(k)fluoranthene
Concen: 2.422 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.05 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:252 Resp: 576464

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	9.2	7.4	11.0



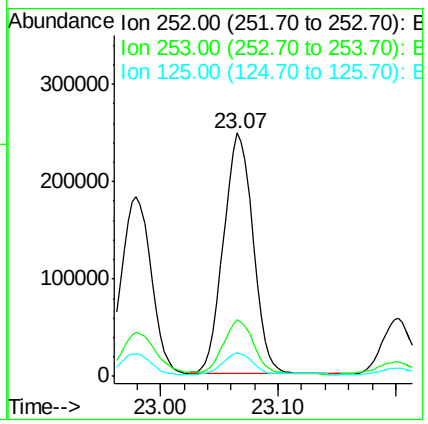


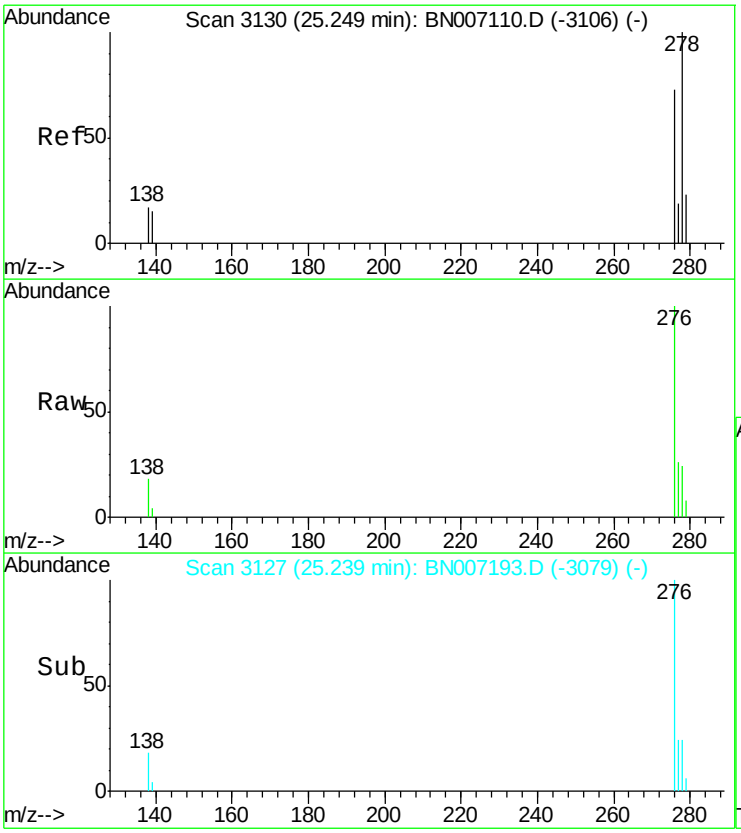
#35
Benzo(a)pyrene
Concen: 1.975 ng
RT: 23.07 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 431524

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	9.6	8.2	12.4

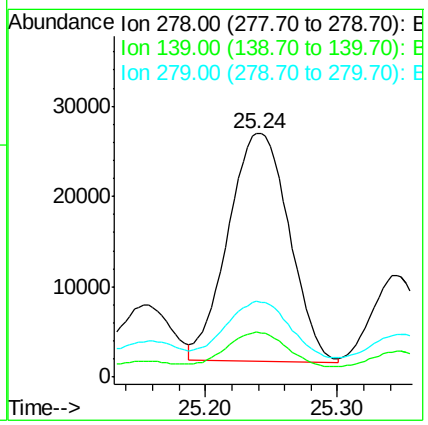


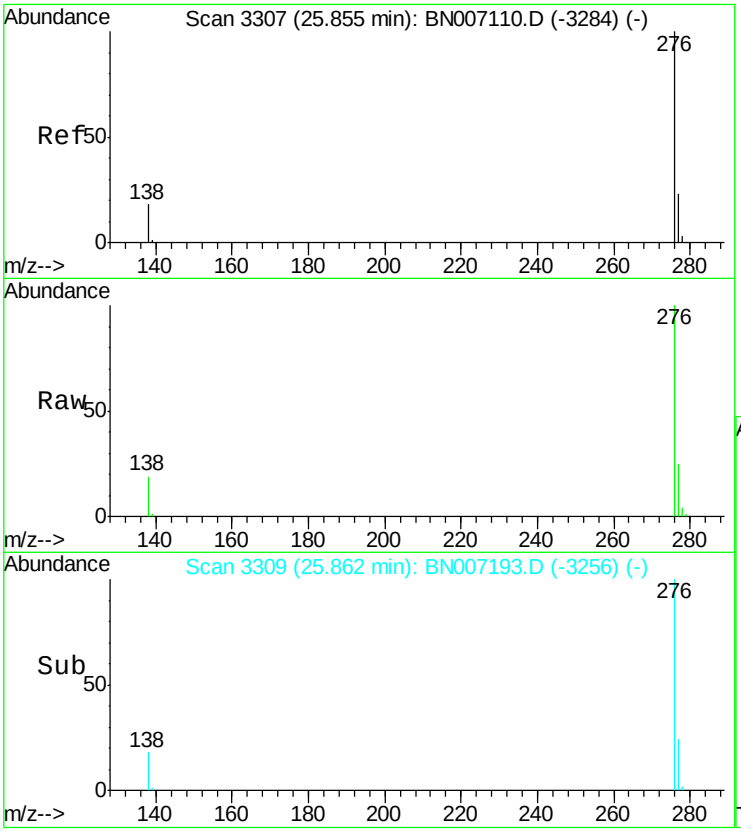


#36
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 25.24 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Tgt Ion:278 Resp: 81208

Ion	Ratio	Lower	Upper
278	100		
139	18.3	11.3	16.9#
279	31.0	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 1.450 ng
RT: 25.86 min Scan# 3309
Delta R.T. -0.02 min
Lab File: BN007193.D
Acq: 15 Aug 2019 13:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 325103

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	18.6	14.6	22.0