Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007192.D
Acq On : 15 Aug 2019 12:33
Operator : HP/JU
Sample : K4239-06 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 16 02:40:33 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	6963	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	26790	0.40	ng		0.00
12) Acenaphthene-d10	14.07	164	15431	0.40	ng		-0.01
18) Phenanthrene-d10	16.82	188	36641	0.40	ng		0.00
26) Chrysene-d12	21.05	240	36908	0.40	ng		-0.01
32) Perylene-d12	23.16	264	41245	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.05	112	450	0.03	ng		0.00
4) Phenol-d6	6.61	99	639	0.03	ng		0.00
7) Nitrobenzene-d5	8.55	82	554	0.03	ng		-0.01
10) 2-Methylnaphthalene-d10	11.79	152	1028	0.02	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	161	0.02	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	291	0.01	ng		0.00
24) Fluoranthene-d10	18.87	212	2192	0.02	ng		0.00
28) Terphenyl-d14	19.48	244	1940	0.02	ng		-0.02
Target Compounds							Qvalue
8) Naphthalene	10.22	128	5058	0.067	ng	#	93
11) 2-Methylnaphthalene	11.86	142	5550	0.104	ng		95
15) Acenaphthylene	13.79	152	38882	0.482	ng		99
16) Acenaphthene	14.13	154	6105	0.118	ng		94
17) Fluorene	15.12	166	14327	0.185	ng		87
22) Phenanthrene	16.87	178	277624	2.528	ng		100
23) Anthracene	16.95	178	45933	0.458	ng	#	95
25) Fluoranthene	18.90	202	422109	3.005	ng		99
27) Pyrene	19.26	202	477114	3.686	ng		97
29) Benzo(a)anthracene	21.02	228	253429	1.878	ng		95
30) Chrysene	21.08	228	276860	2.111	ng		98
31) Indeno(1,2,3-cd)pyrene	25.23	276	147303	1.019	ng		98
33) Benzo(b)fluoranthene	22.54	252	311328	2.201	ng		100
34) Benzo(k)fluoranthene	22.54	252	311328	2.229	ng		99
35) Benzo(a)pyrene	23.07	252	220747	1.722	ng		99
36) Dibenzo(a,h)anthracene	25.24	278	40954	0.320	ng	#	89
37) Benzo(g,h,i)perylene	25.87	276	155698	1.183	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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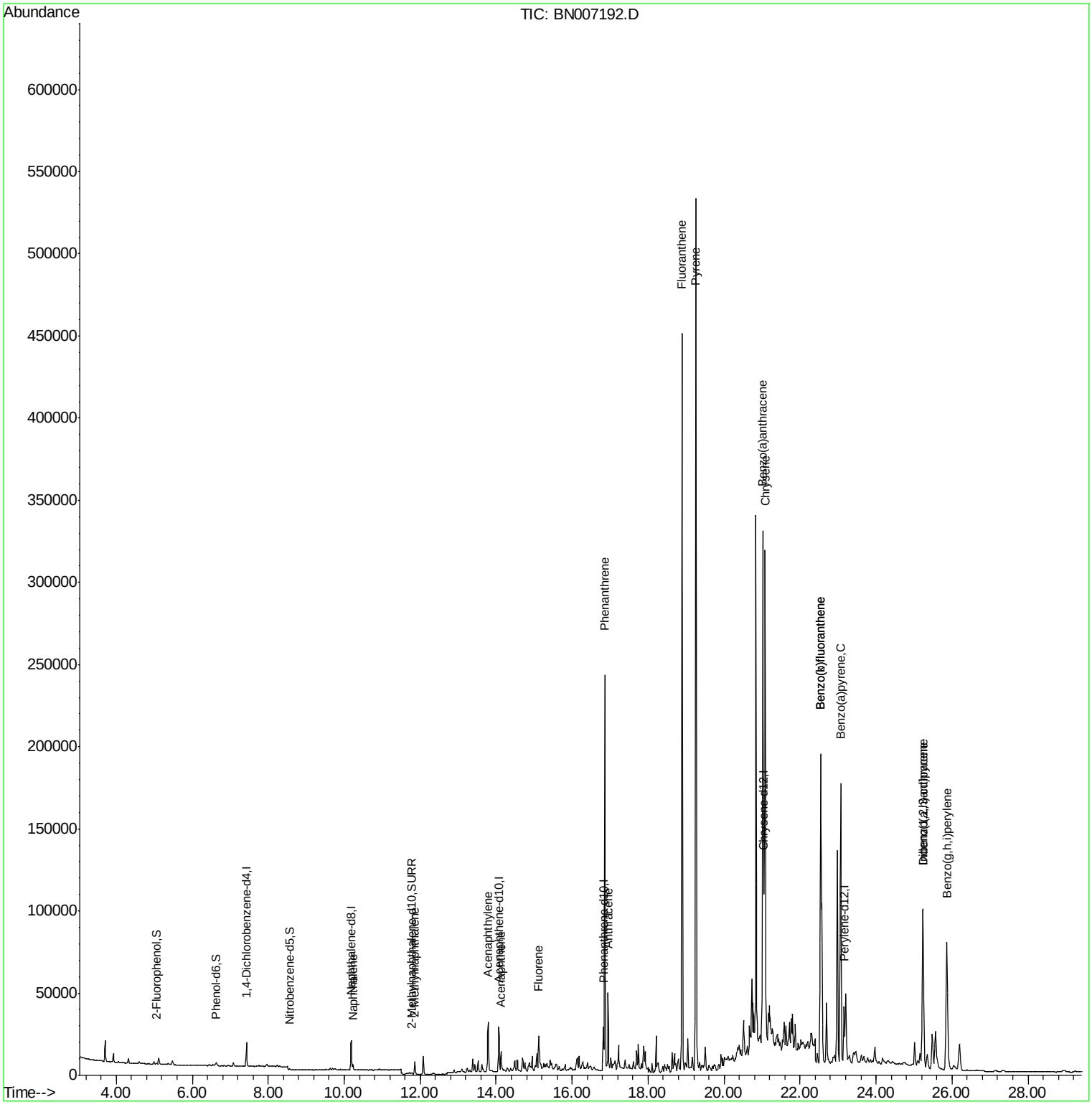
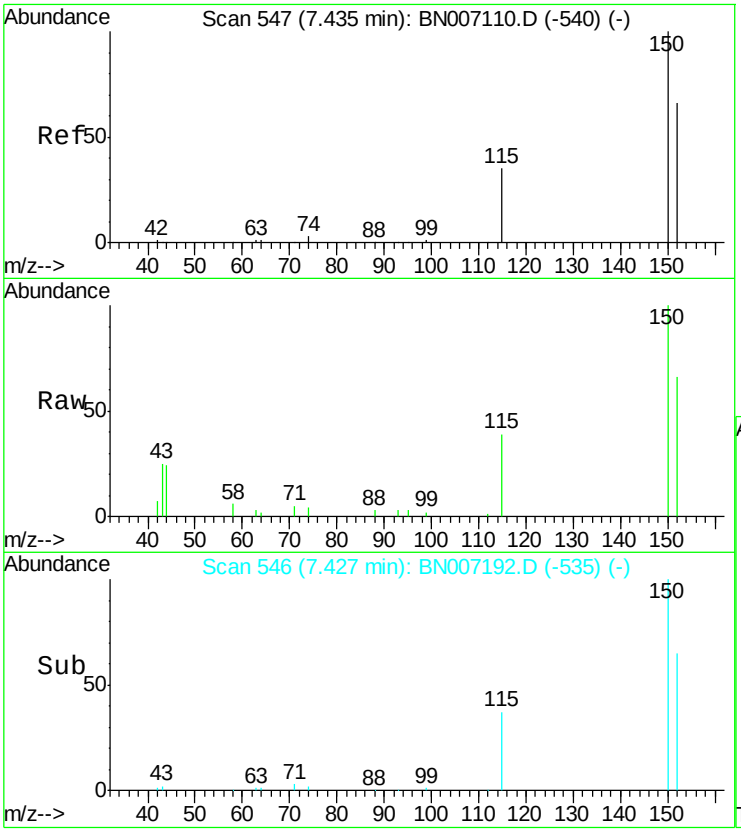
BNA_N
ClientSampleId :

Quant Time: Aug 16 02:40:33 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



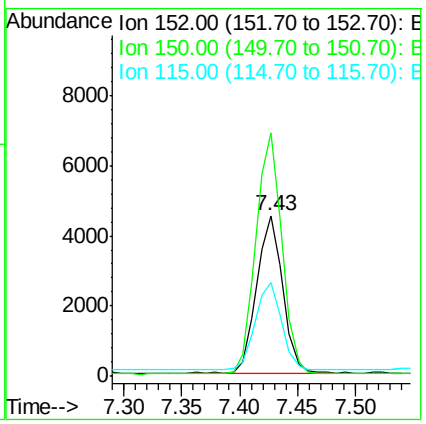


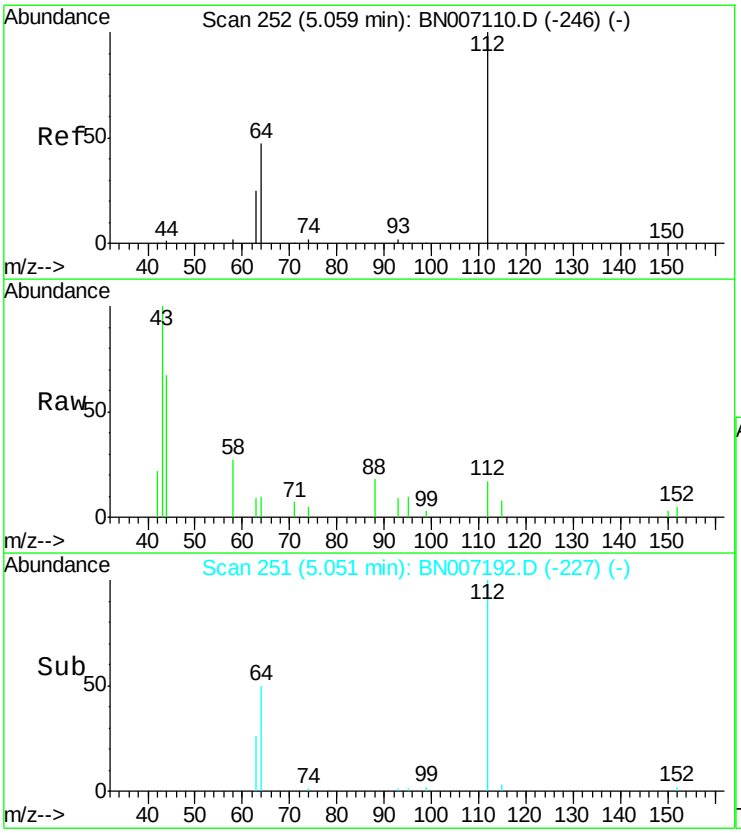
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6963

Ion	Ratio	Lower	Upper
152	100		
150	151.3	121.7	182.5
115	58.7	46.2	69.4

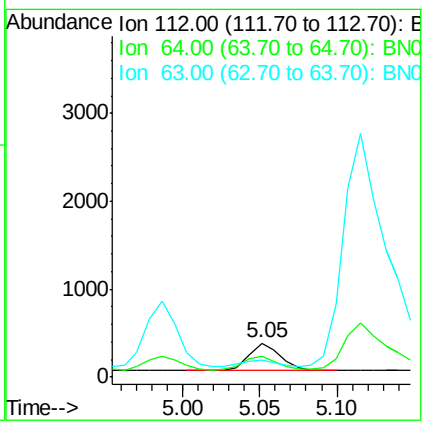


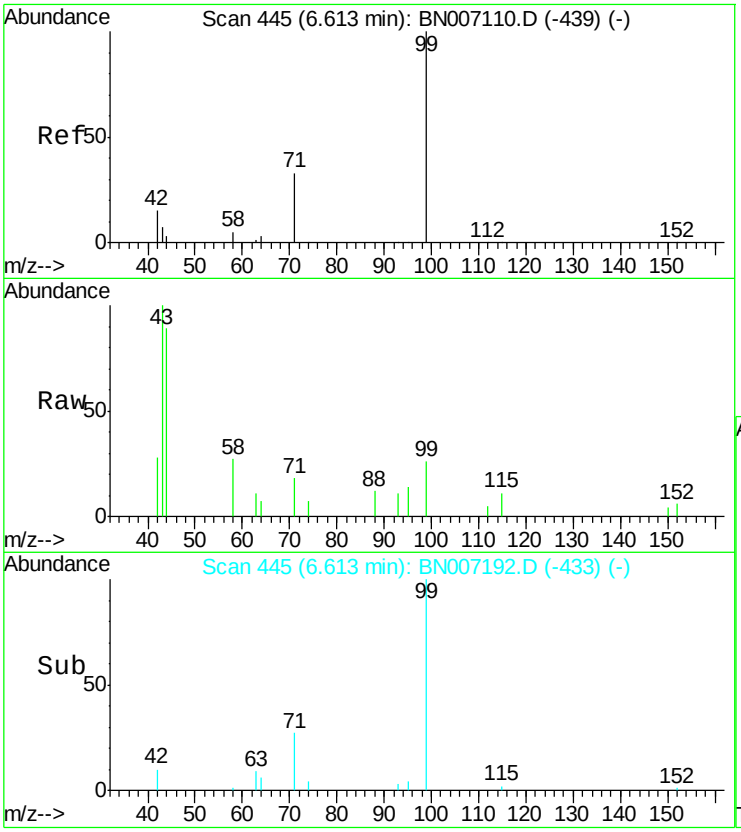


#3
2-Fluorophenol
Concen: 0.027 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:112 Resp: 450

Ion	Ratio	Lower	Upper
112	100		
64	49.8	42.6	63.8
63	0.0	22.2	33.2#



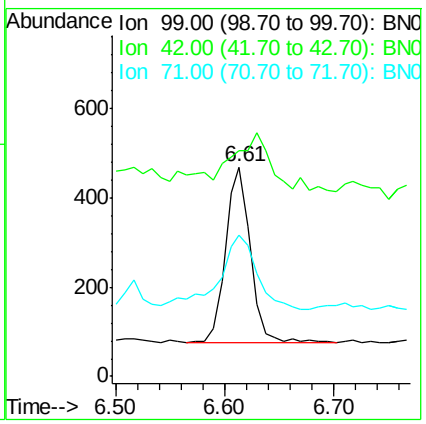


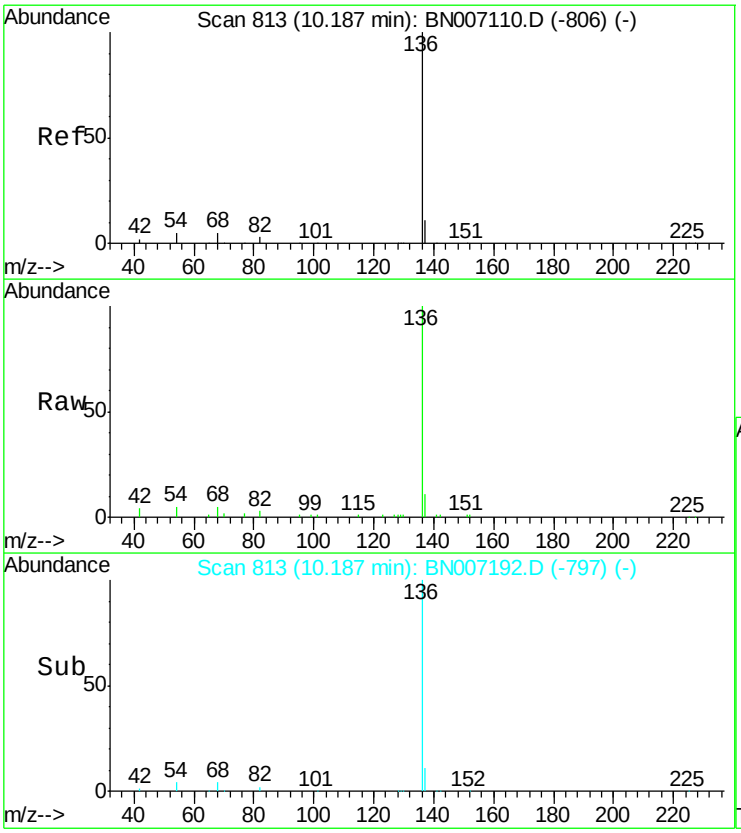
#4
Phenol-d6
Concen: 0.031 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 639

Ion	Ratio	Lower	Upper
99	100		
42	41.9	15.8	23.6#
71	66.7	27.0	40.4#

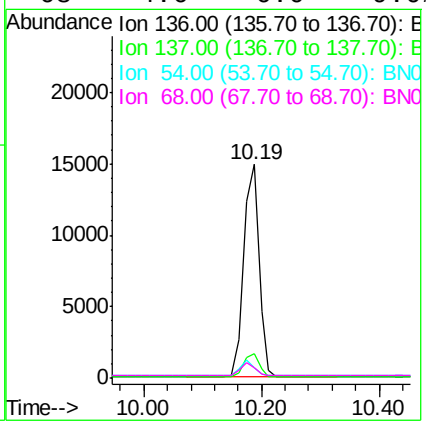


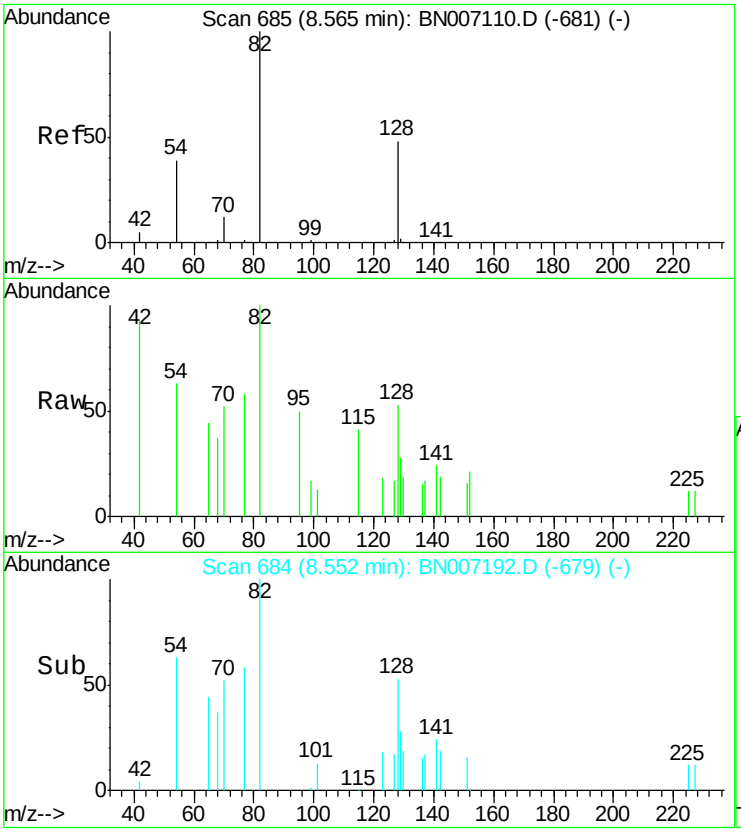


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:136 Resp: 26790

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	4.6	6.6	9.8#
68	4.6	6.0	9.0#



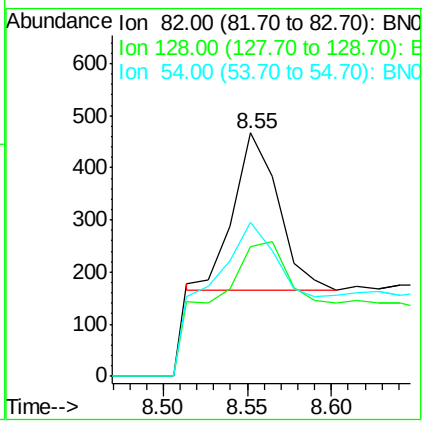


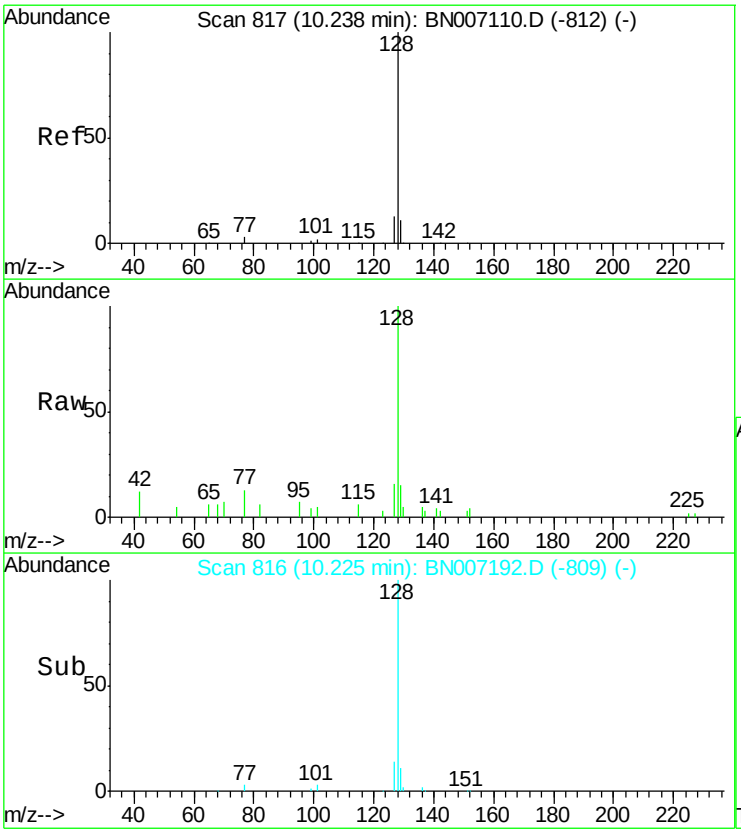
#7
Nitrobenzene-d5
Concen: 0.026 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 554

Ion	Ratio	Lower	Upper
82	100		
128	53.3	34.6	51.8#
54	63.2	36.2	54.4#

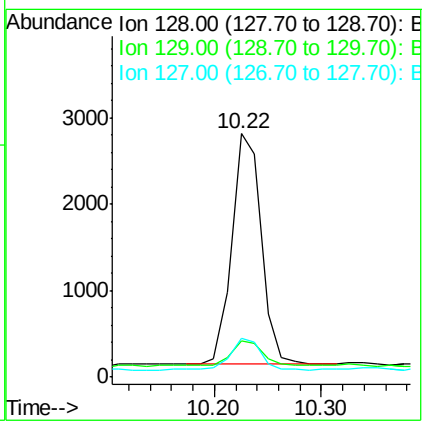


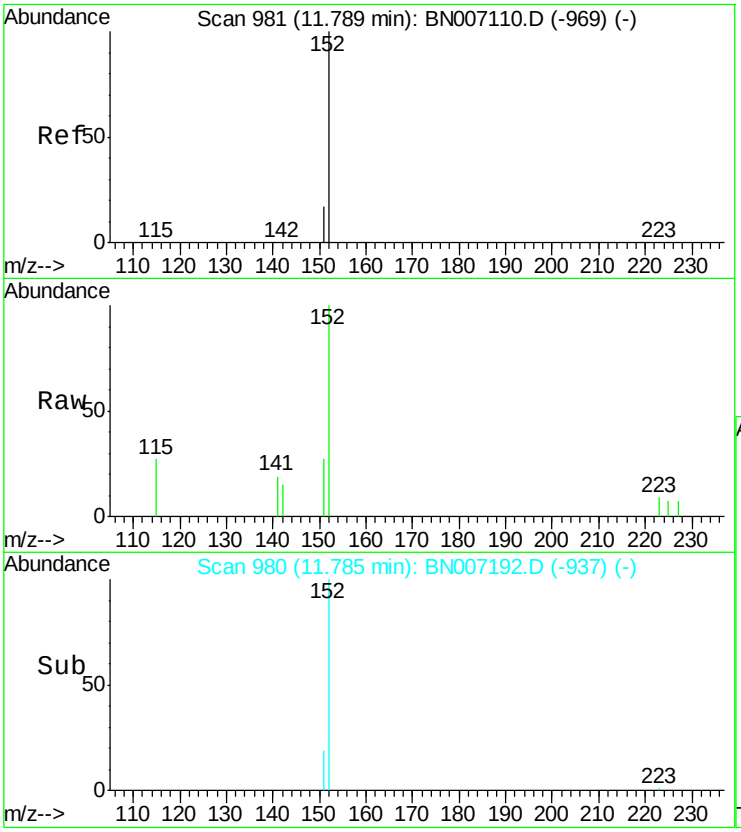


#8
Naphthalene
Concen: 0.067 ng
RT: 10.22 min Scan# 816
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:128 Resp: 5058

Ion	Ratio	Lower	Upper
128	100		
129	15.1	9.4	14.2#
127	16.0	11.0	16.6



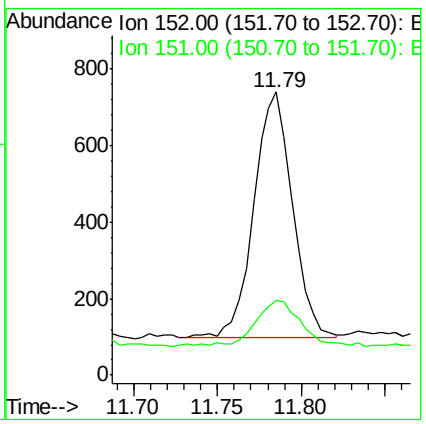


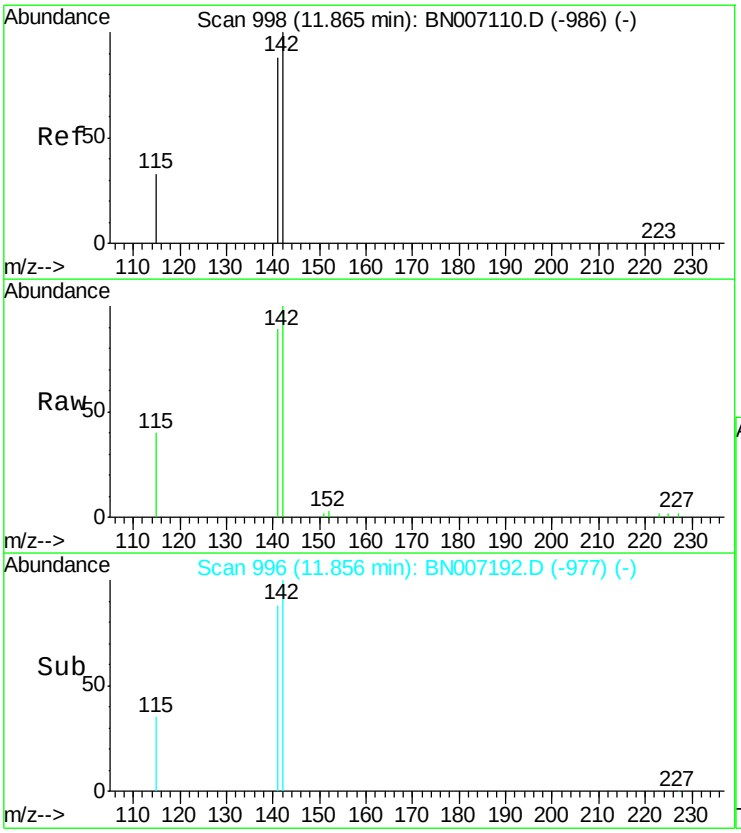
#10
2-Methylnaphthalene-d10
Concen: 0.021 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1028

Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.5	23.3

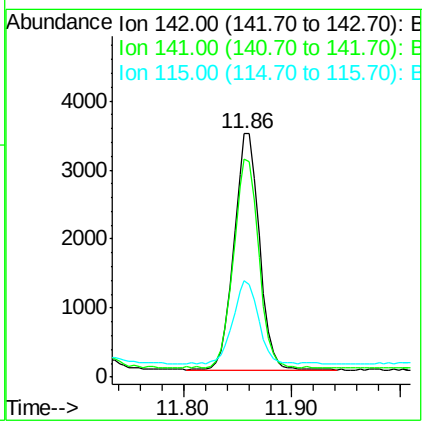


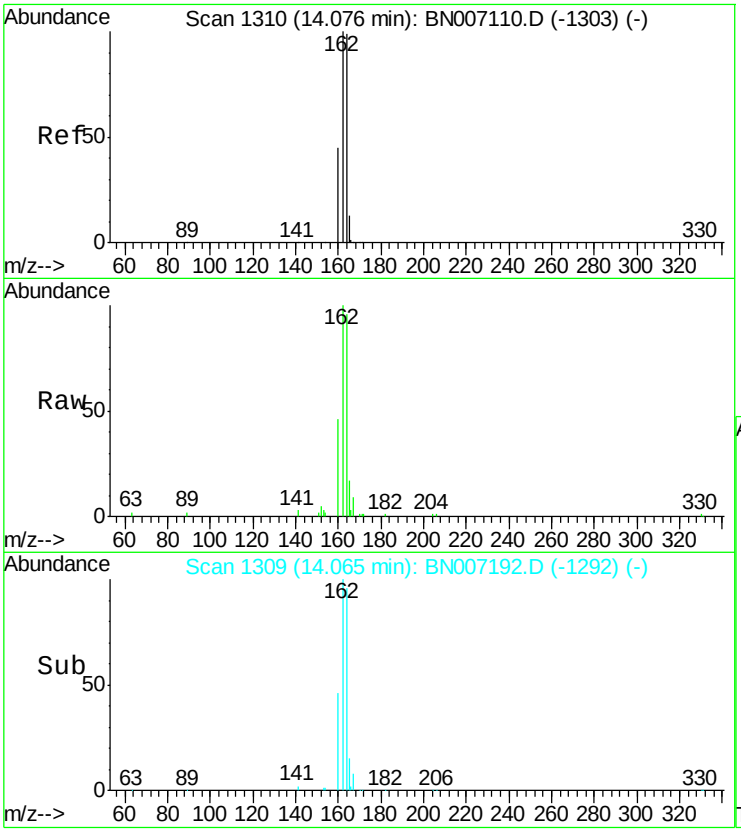


#11
2-Methylnaphthalene
Concen: 0.104 ng
RT: 11.86 min Scan# 996
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:142 Resp: 5550

Ion	Ratio	Lower	Upper
142	100		
141	89.5	69.0	103.6
115	39.6	27.1	40.7



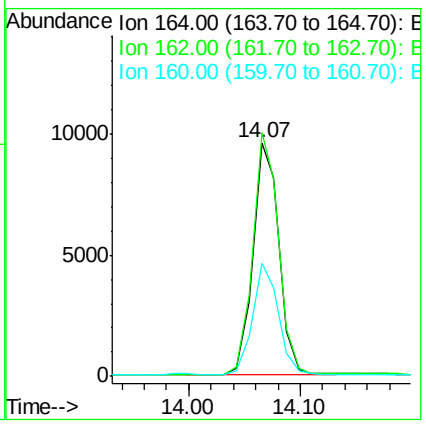


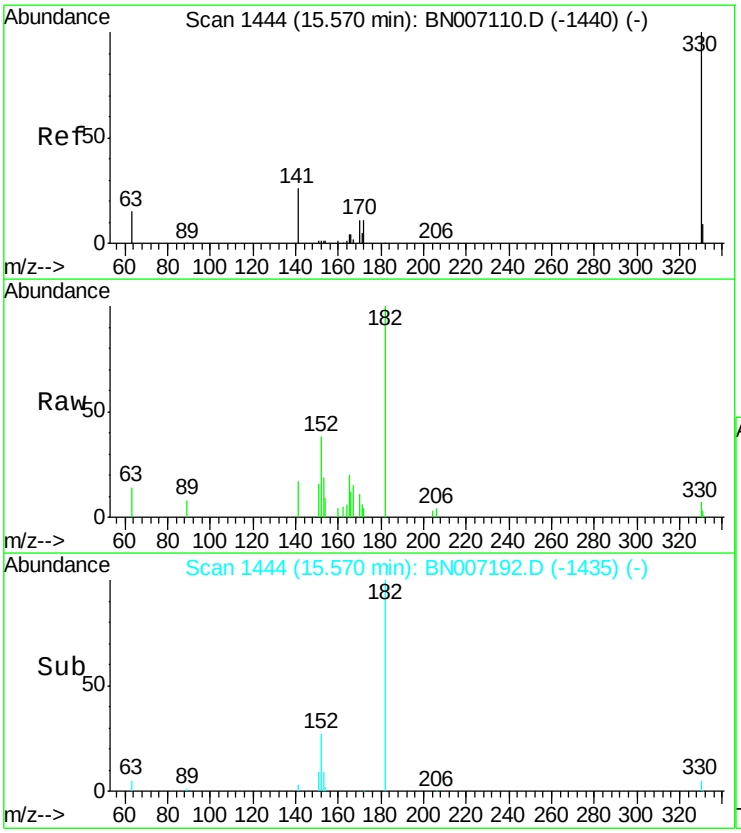
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 15431

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.4
160	48.4	38.3	57.5

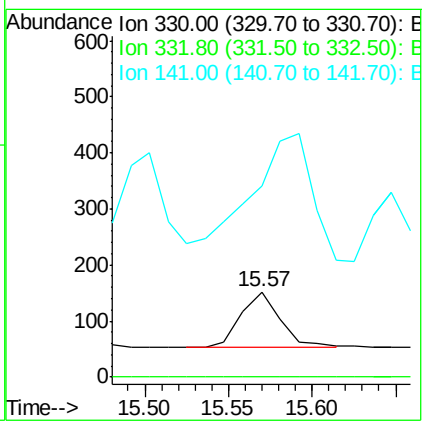


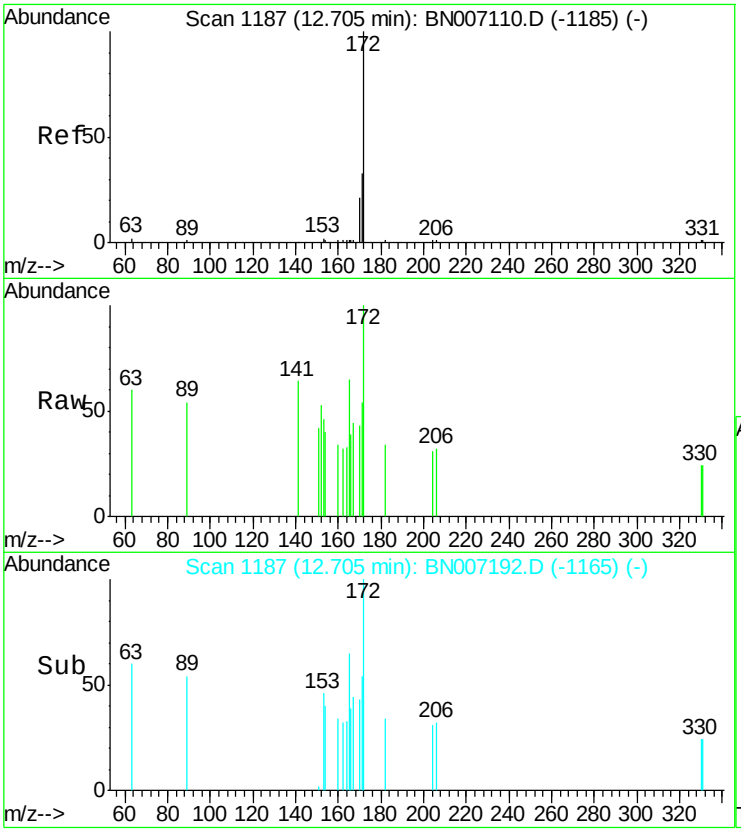


#13
2,4,6-Tribromophenol
Concen: 0.019 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:330 Resp: 161

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



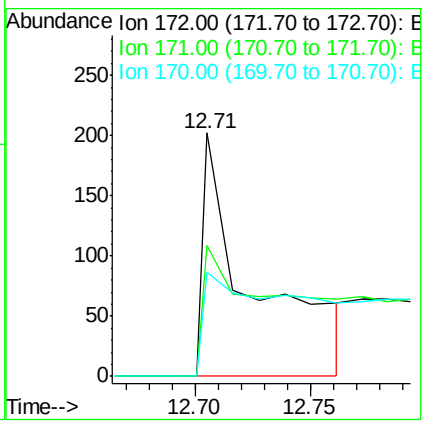


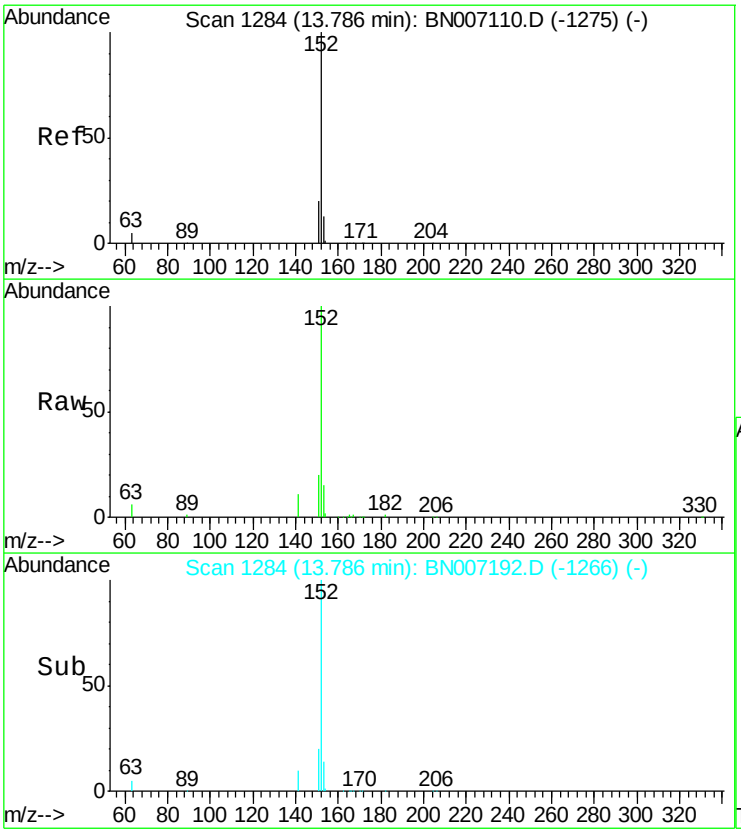
#14
2-Fluorobiphenyl
Concen: 0.013 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 291

Ion	Ratio	Lower	Upper
172	100		
171	54.0	26.3	39.5#
170	43.1	17.0	25.4#

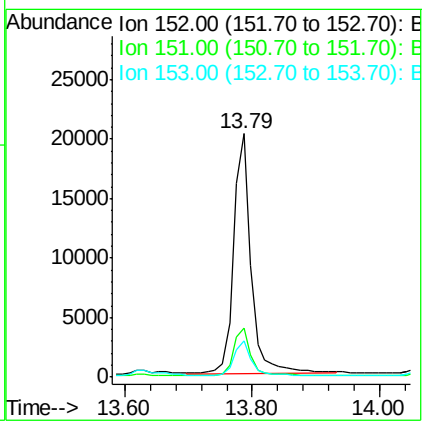


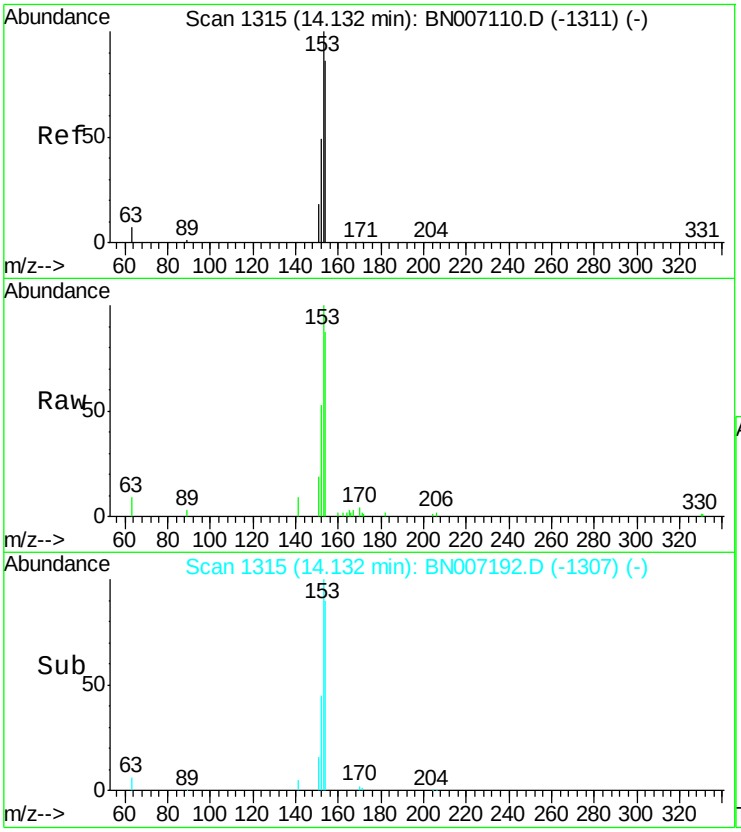


#15
Acenaphthylene
Concen: 0.482 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:152 Resp: 38882

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.9	10.4	15.6



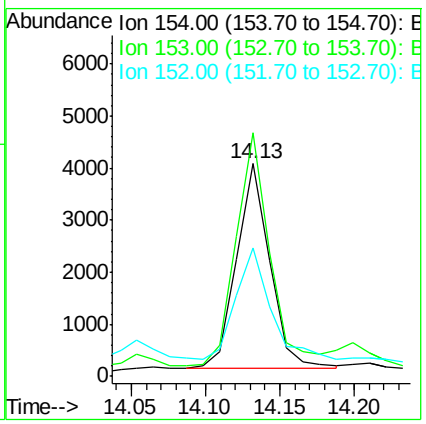


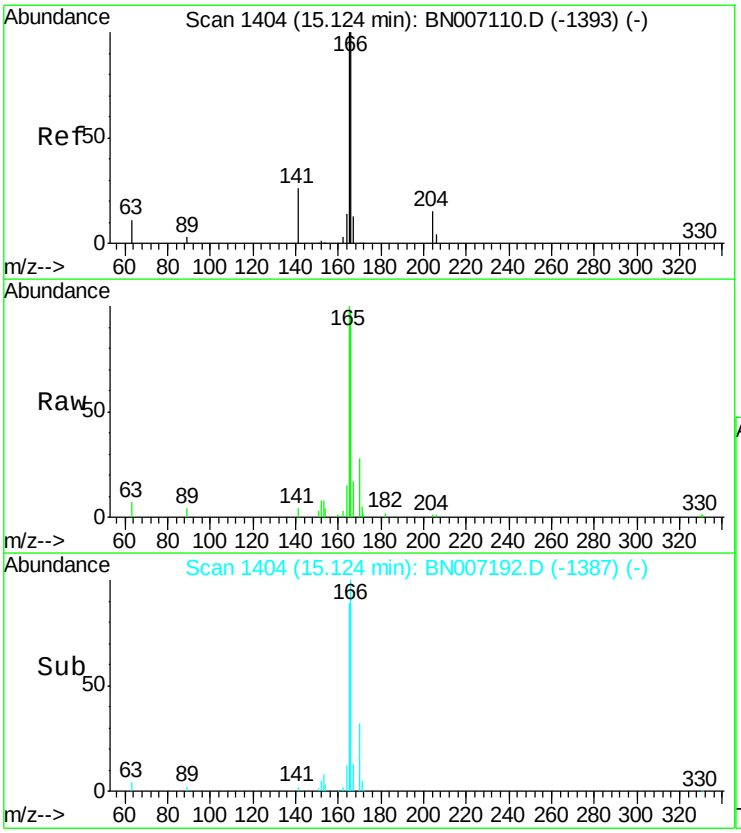
#16
Acenaphthene
Concen: 0.118 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 6105

Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.5	134.3
152	65.5	44.8	67.2

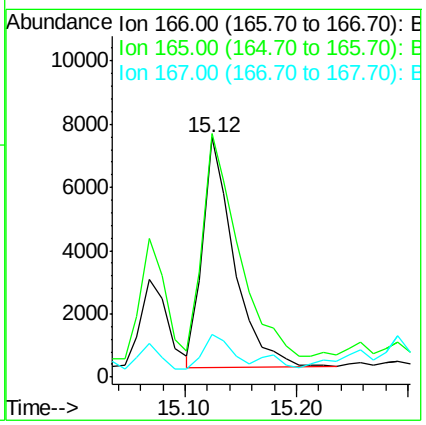


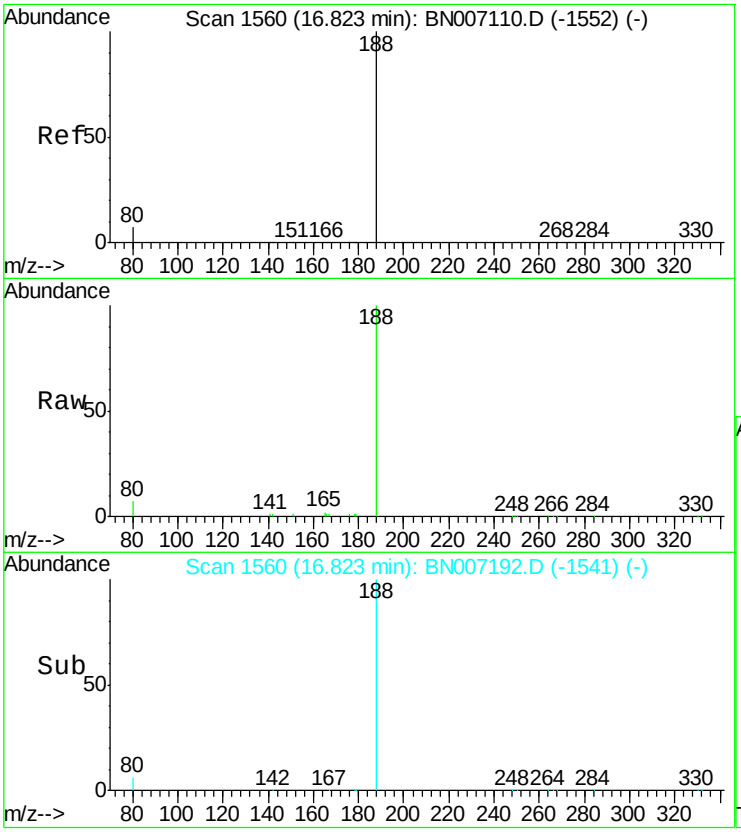


#17
Fluorene
Concen: 0.185 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:166 Resp: 14327

Ion	Ratio	Lower	Upper
166	100		
165	111.3	77.9	116.9
167	14.0	10.9	16.3



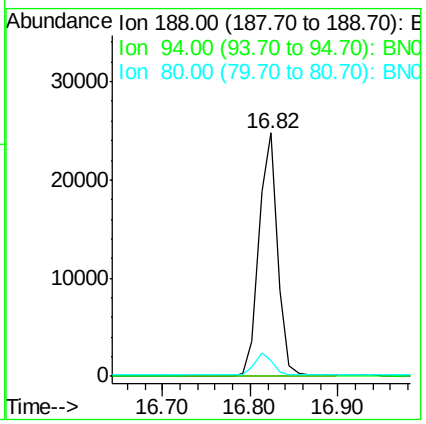


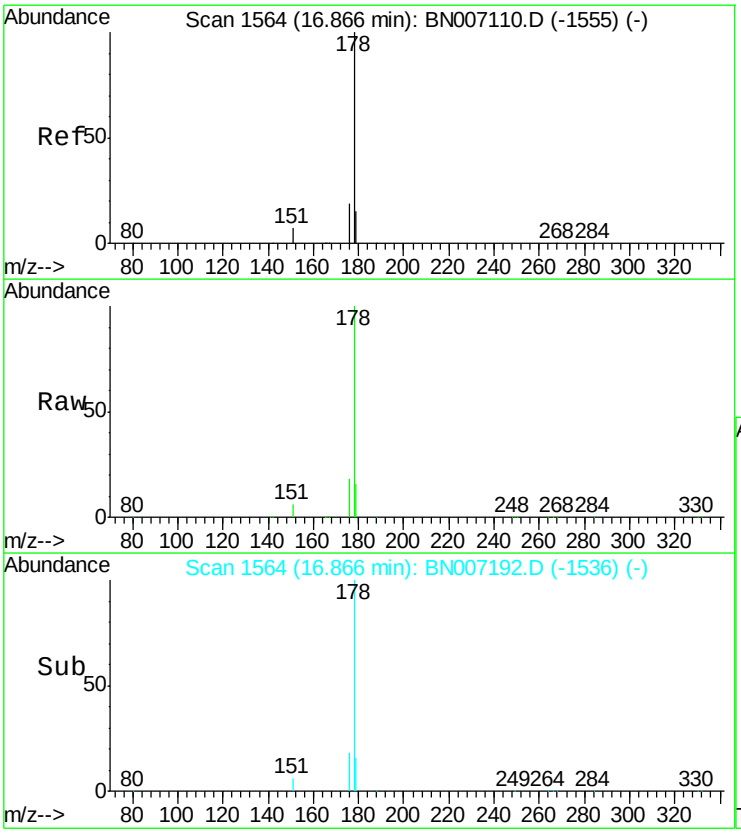
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 36641

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	7.8	11.6#

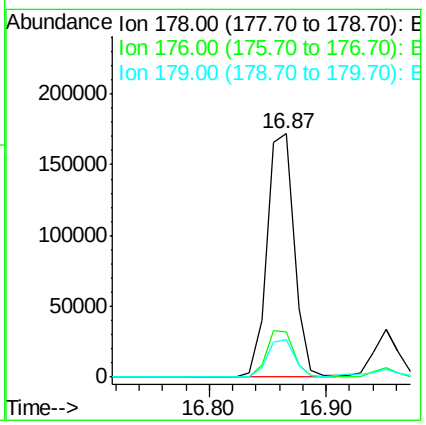


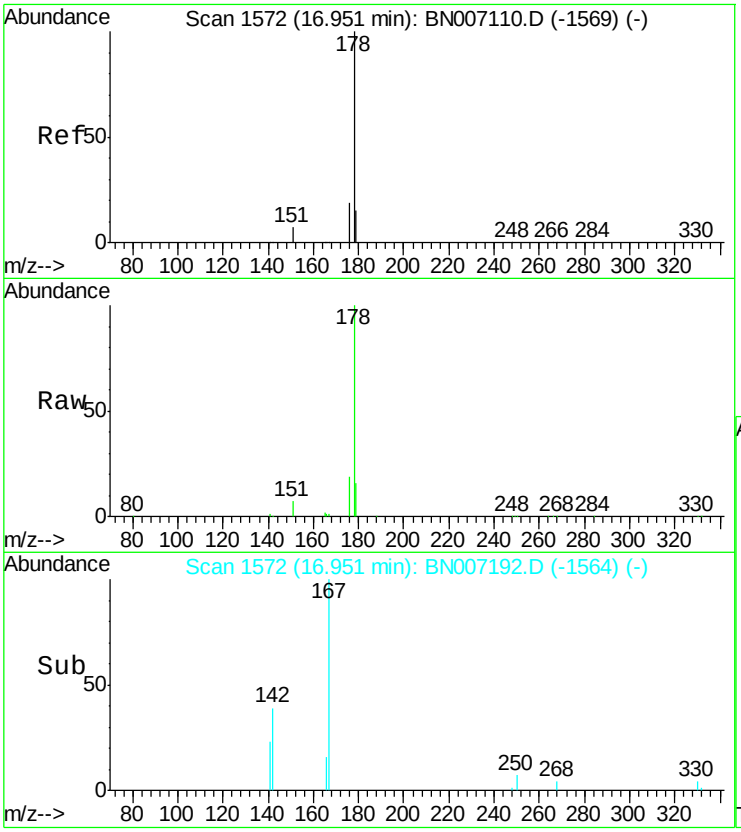


#22
Phenanthrene
Concen: 2.528 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:178 Resp: 277624

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.5	12.3	18.5



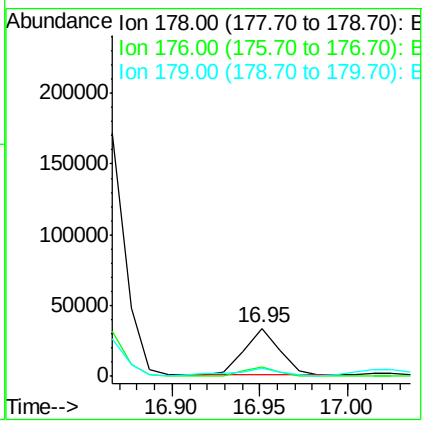


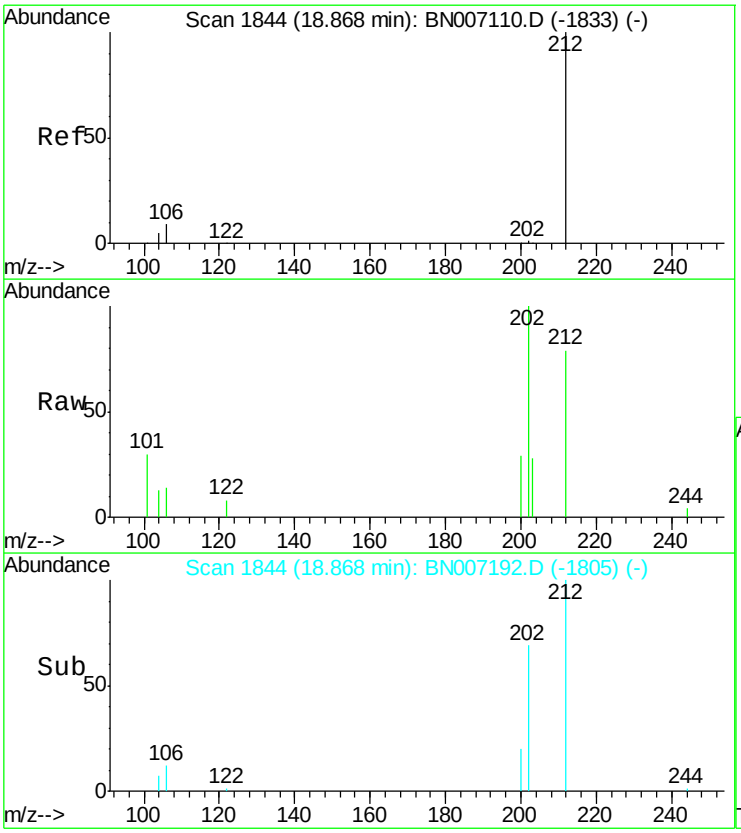
#23
Anthracene
Concen: 0.458 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 45933

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	19.6	12.5	18.7#

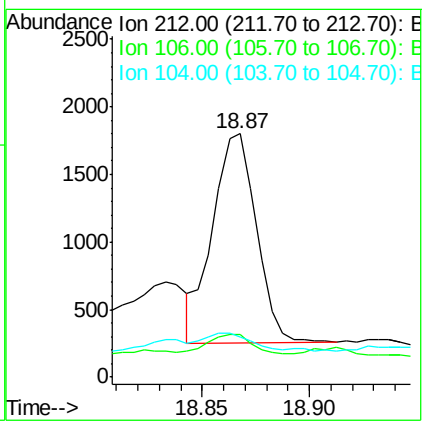


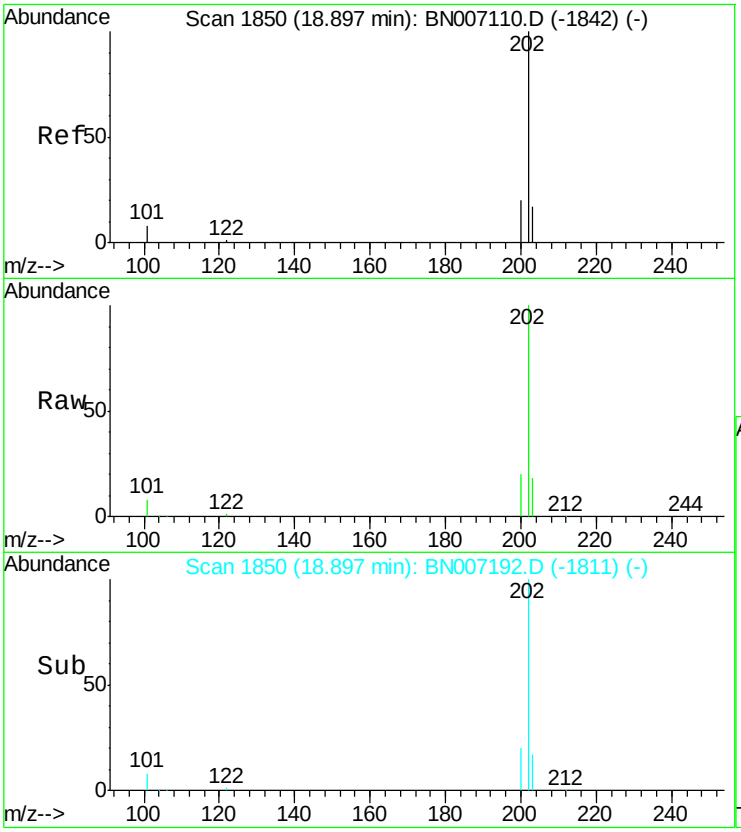


#24
Fluoranthene-d10
Concen: 0.017 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:212 Resp: 2192

Ion	Ratio	Lower	Upper
212	100		
106	10.7	8.2	12.2
104	11.2	4.5	6.7#



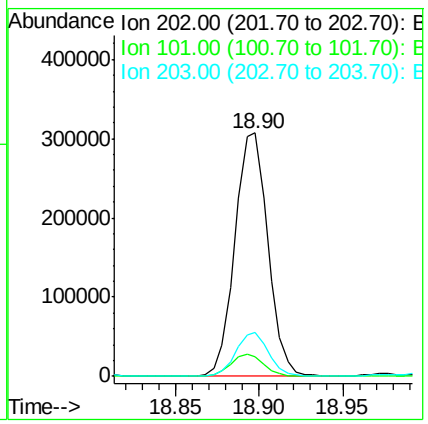


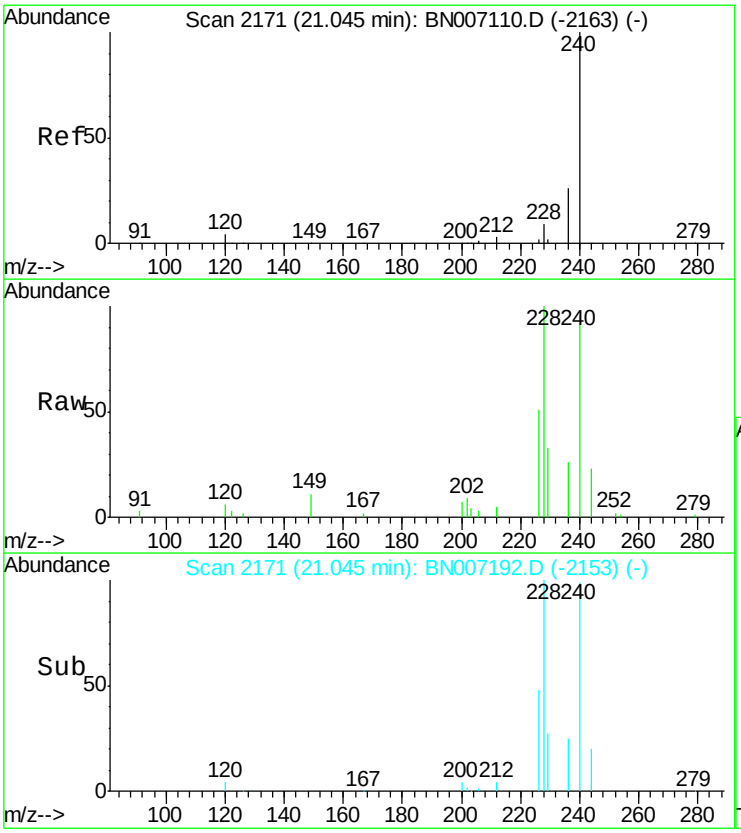
#25
Fluoranthene
Concen: 3.005 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 422109

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
203	17.7	13.8	20.8

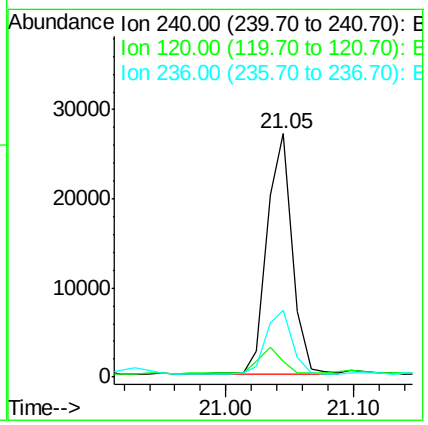


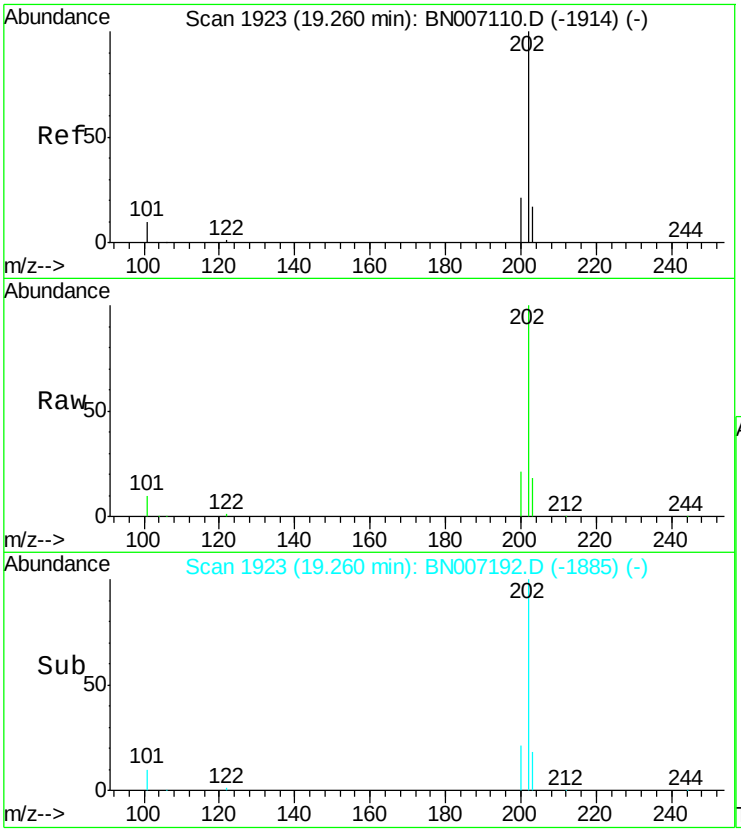


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:240 Resp: 36908

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.0	6.0#
236	27.4	21.3	31.9



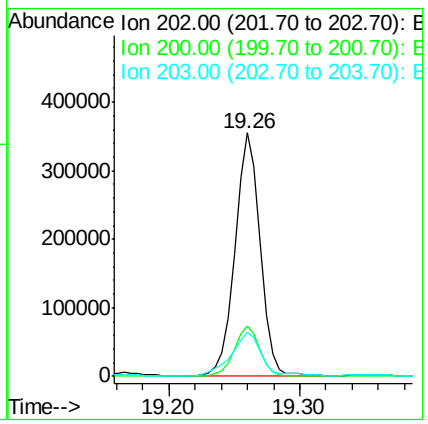


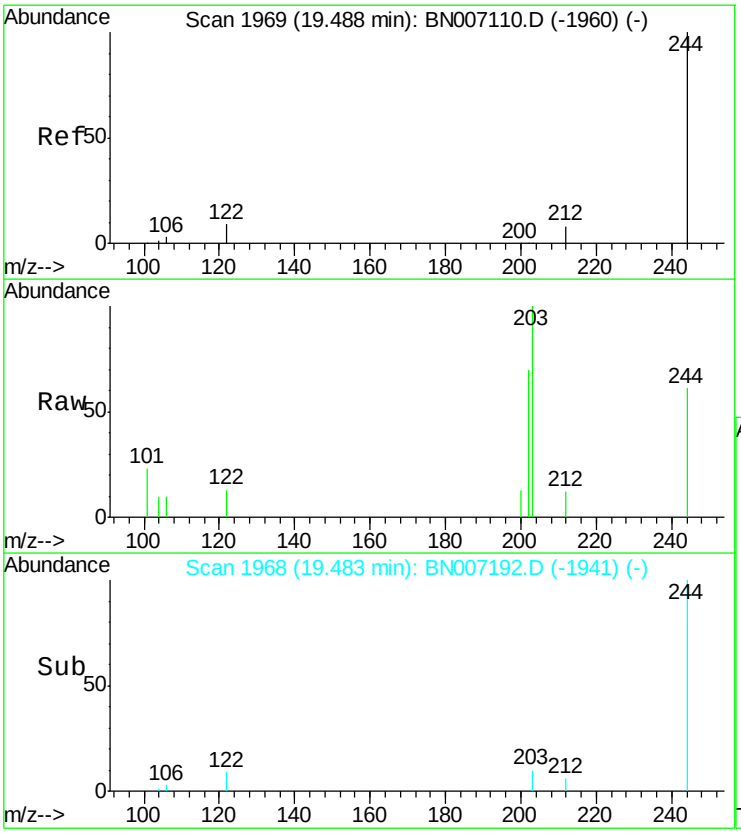
#27
Pyrene
Concen: 3.686 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 477114

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	20.6	14.0	21.0

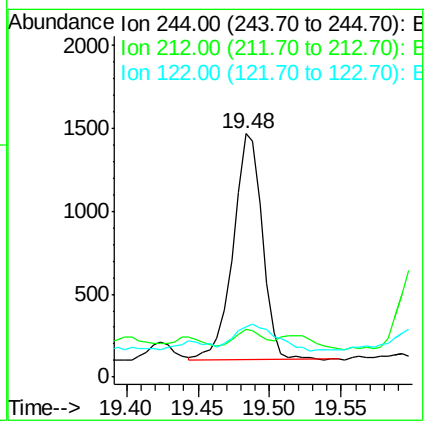


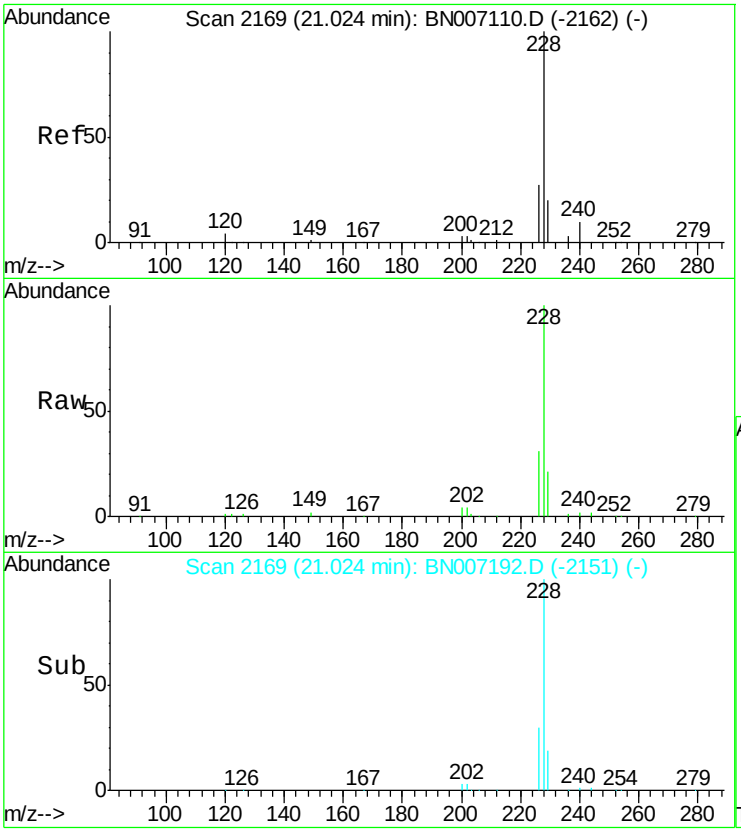


#28
Terphenyl-d14
Concen: 0.019 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:244 Resp: 1940

Ion	Ratio	Lower	Upper
244	100		
212	19.7	6.2	9.2#
122	20.9	7.4	11.2#



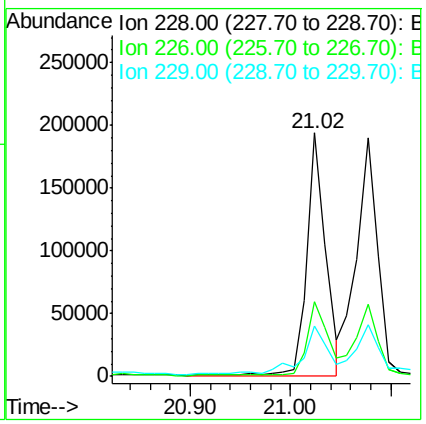


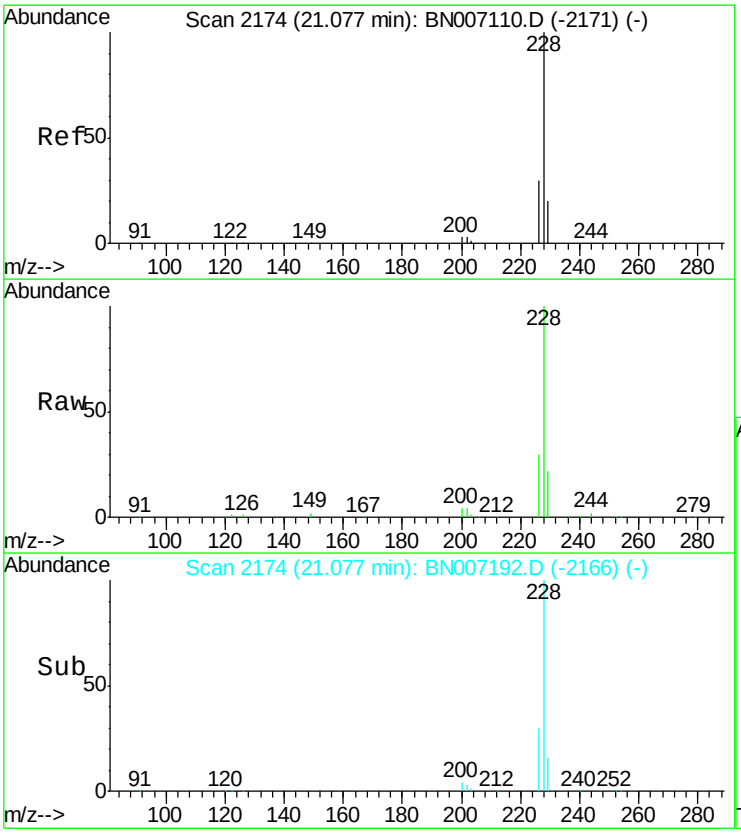
#29
Benzo(a)anthracene
Concen: 1.878 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 253429

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.8	32.6
229	20.9	15.6	23.4

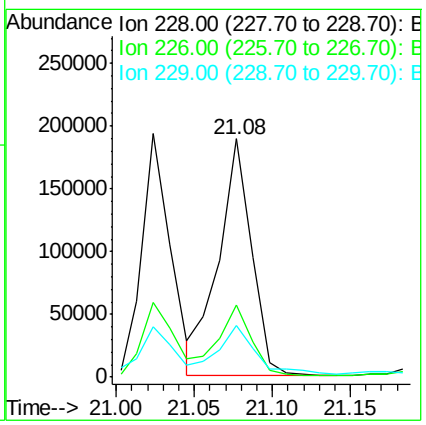


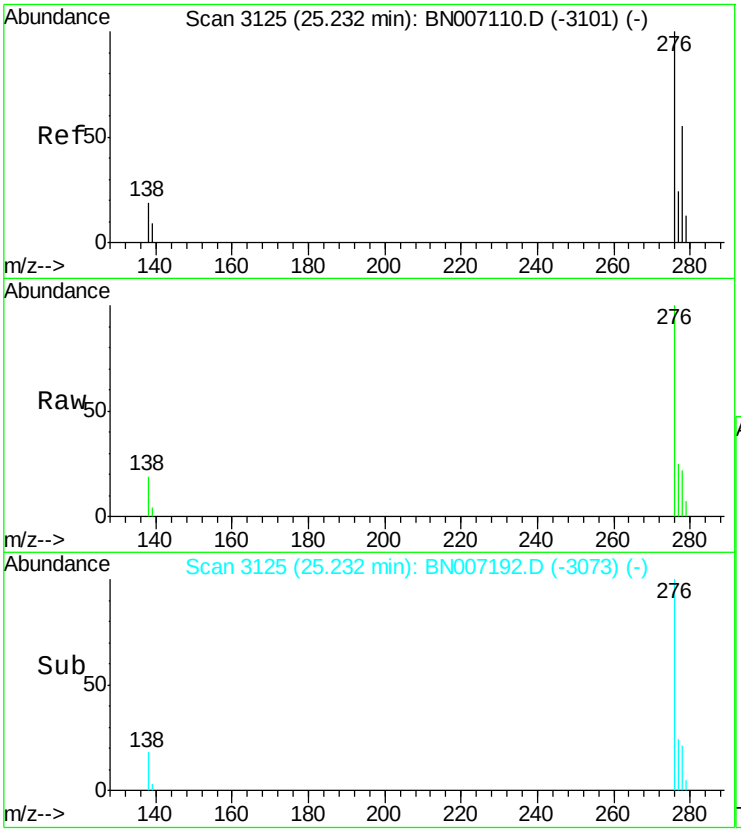


#30
Chrysene
Concen: 2.111 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:228 Resp: 276860

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	21.8	15.7	23.5



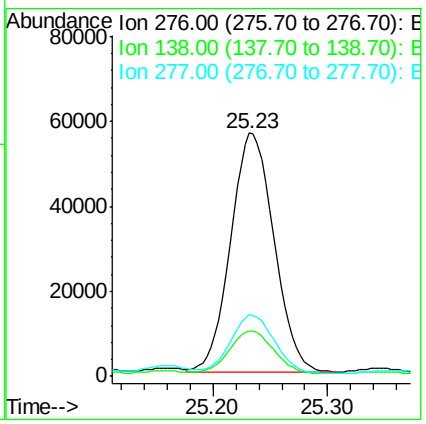


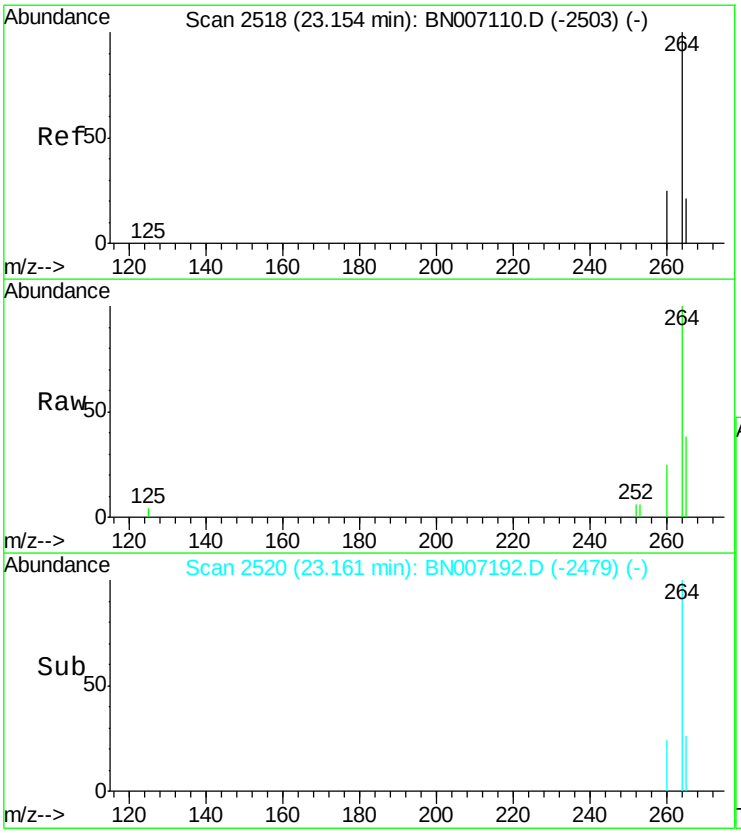
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.019 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 147303

Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.0	24.0
277	24.8	19.9	29.9

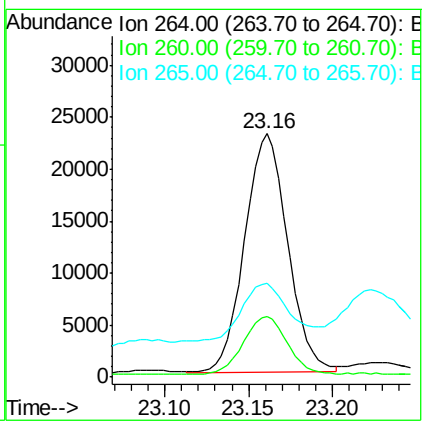


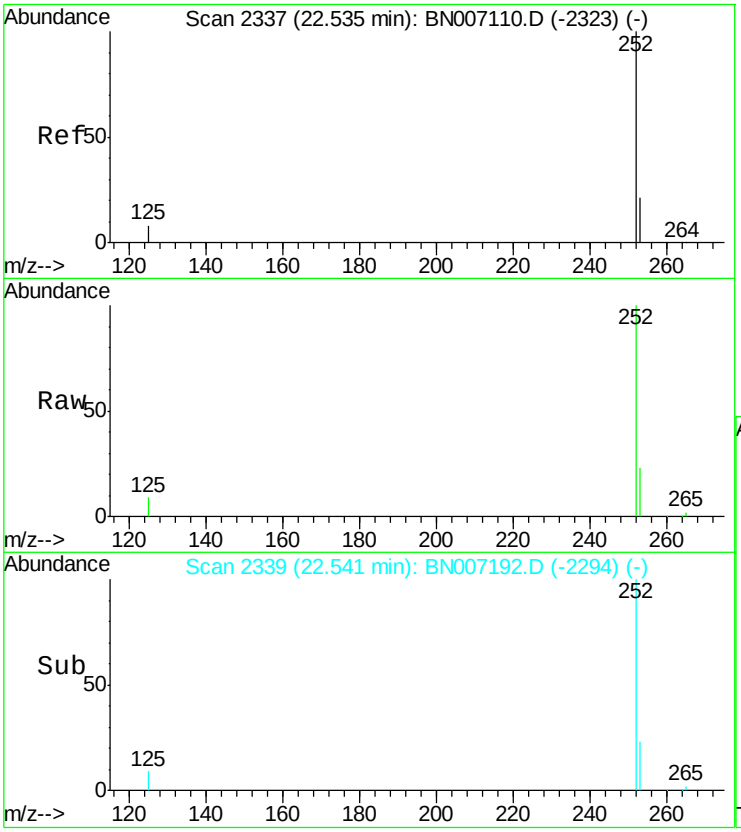


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:264 Resp: 41245

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	38.4	26.2	39.4



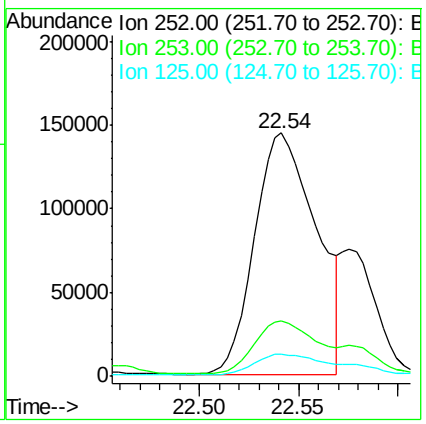


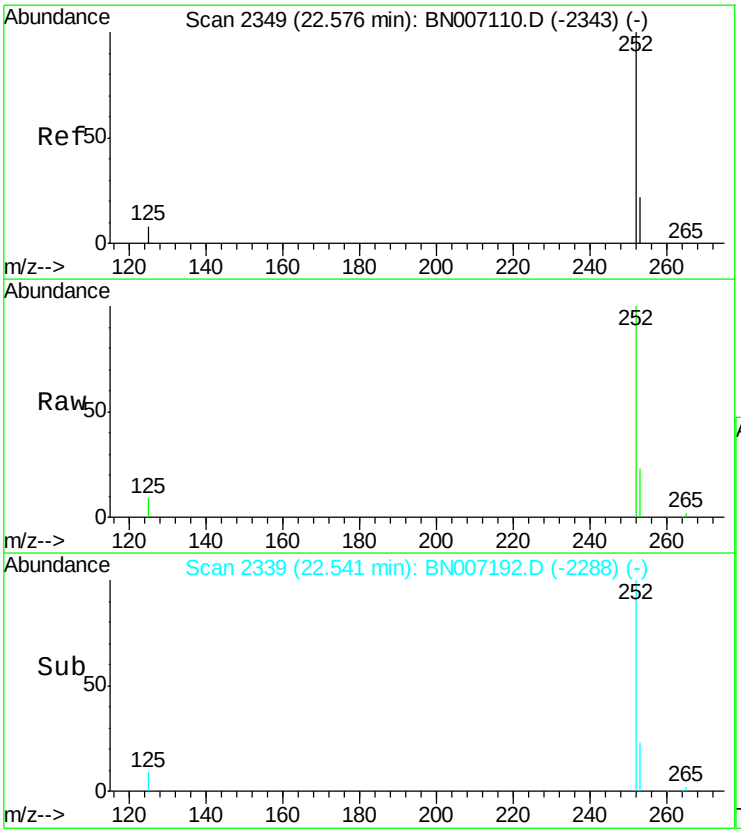
#33
Benzo(b)fluoranthene
Concen: 2.201 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 311328

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.2	7.4	11.0

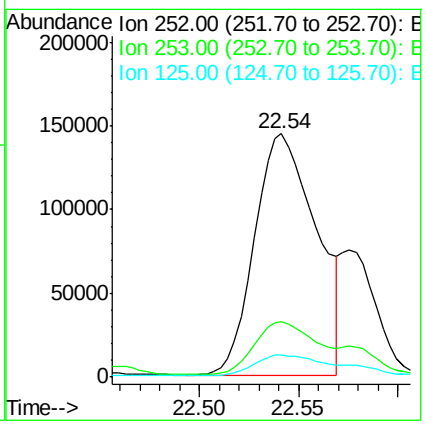


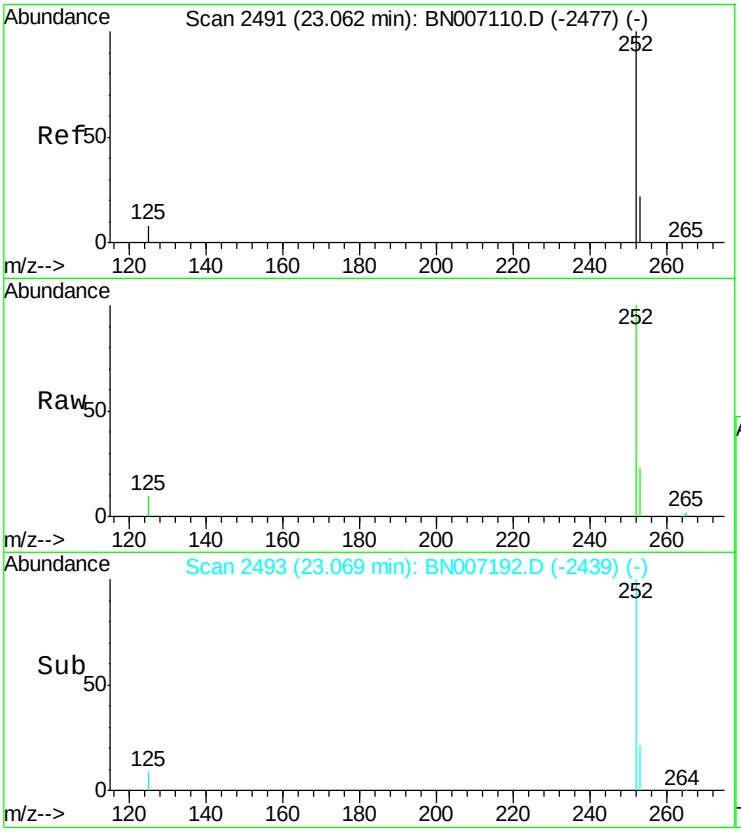


#34
Benzo(k)fluoranthene
Concen: 2.229 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.05 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:252 Resp: 311328

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	9.2	7.4	11.0



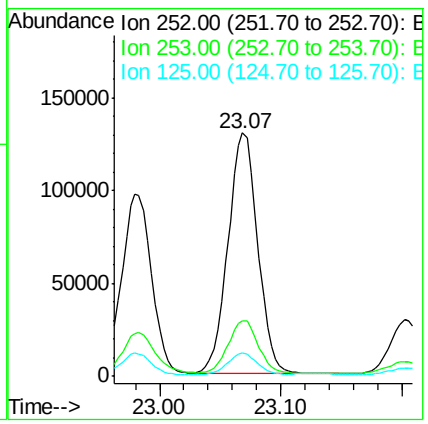


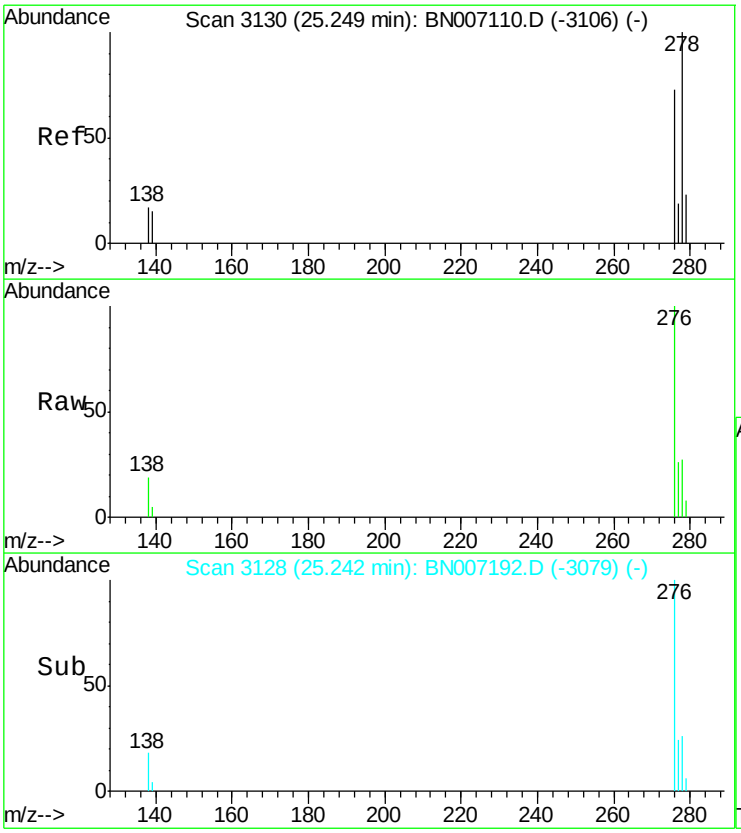
#35
Benzo(a)pyrene
Concen: 1.722 ng
RT: 23.07 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 220747

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	9.6	8.2	12.4

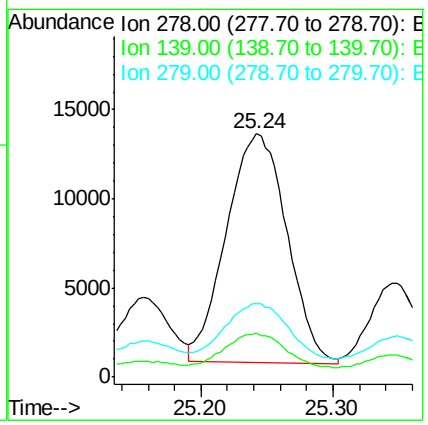


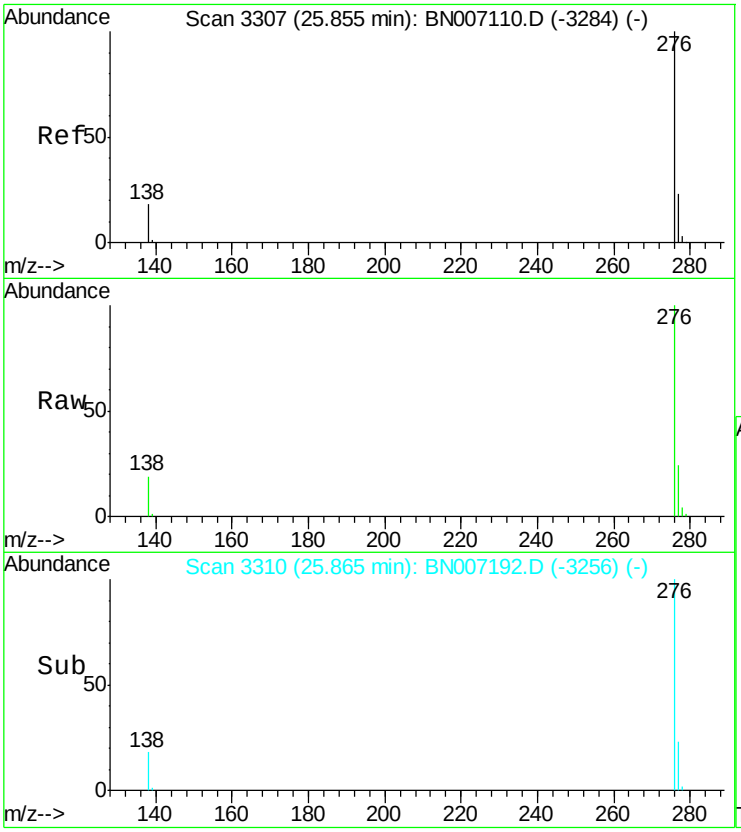


#36
Dibenzo(a,h)anthracene
Concen: 0.320 ng
RT: 25.24 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Tgt Ion:278 Resp: 40954

Ion	Ratio	Lower	Upper
278	100		
139	17.9	11.3	16.9#
279	29.9	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 1.183 ng
RT: 25.87 min Scan# 3310
Delta R.T. -0.01 min
Lab File: BN007192.D
Acq: 15 Aug 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 155698

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	18.8	14.6	22.0