Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007113.D
Acq On : 13 Aug 2019 03:54
Operator : HP/JU
Sample : K4143-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 13 06:29:03 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	9350	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	36658	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	21474	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	51606	0.40	ng		0.00
26) Chrysene-d12	21.05	240	50668	0.40	ng		-0.01
32) Perylene-d12	23.15	264	55250	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	6238	0.28	ng		0.00
4) Phenol-d6	6.61	99	8536	0.31	ng		0.00
7) Nitrobenzene-d5	8.56	82	6716	0.23	ng		0.00
10) 2-Methylnaphthalene-d10	11.78	152	15559	0.23	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	2421	0.21	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	3685	0.12	ng		0.00
24) Fluoranthene-d10	18.87	212	38630	0.21	ng		0.00
28) Terphenyl-d14	19.49	244	29899	0.22	ng		-0.01
Target Compounds							Qvalue
8) Naphthalene	10.24	128	2829	0.028	ng	#	87
11) 2-Methylnaphthalene	11.86	142	2427	0.033	ng	#	88
15) Acenaphthylene	13.79	152	15987	0.142	ng		97
16) Acenaphthene	14.13	154	1458	0.020	ng	#	90
17) Fluorene	15.13	166	3666	0.034	ng		86
22) Phenanthrene	16.87	178	104732	0.677	ng		100
23) Anthracene	16.95	178	19146	0.135	ng	#	94
25) Fluoranthene	18.90	202	417621	2.111	ng		100
27) Pyrene	19.26	202	363802	2.047	ng	#	96
29) Benzo(a)anthracene	21.02	228	208647	1.126	ng		95
30) Chrysene	21.08	228	266966	1.483	ng		98
31) Indeno(1,2,3-cd)pyrene	25.23	276	192103	0.968	ng		98
33) Benzo(b)fluoranthene	22.53	252	397853	2.100	ng		100
34) Benzo(k)fluoranthene	22.53	252	397853	2.126	ng		99
35) Benzo(a)pyrene	23.06	252	232571	1.354	ng		100
36) Dibenzo(a,h)anthracene	25.24	278	47053	0.275	ng	#	85
37) Benzo(g,h,i)perylene	25.86	276	193193	1.096	ng		99

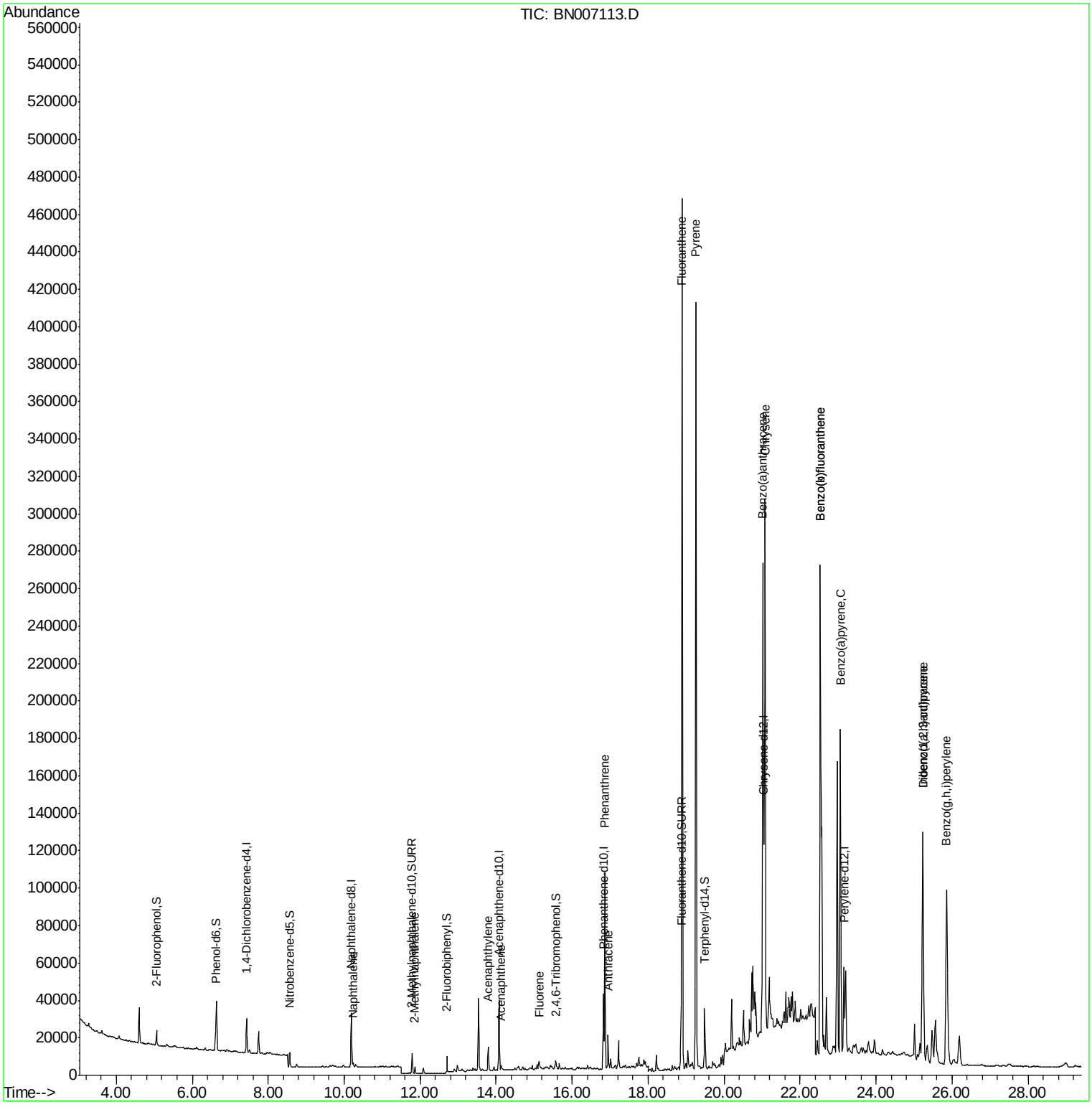
(#) = qualifier out of range (m) = manual integration (+) = signals summed

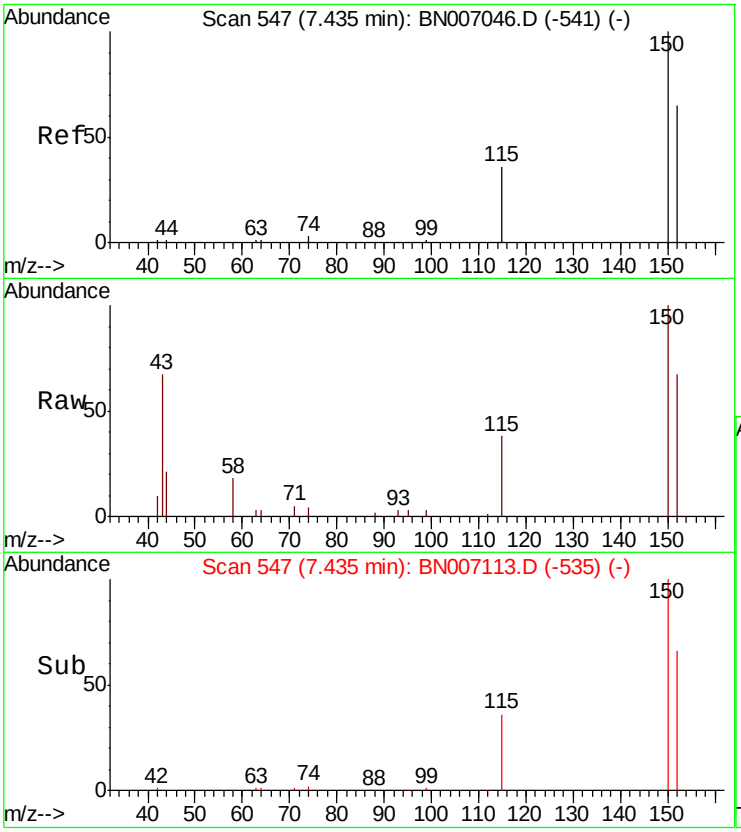
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007113.D
Acq On : 13 Aug 2019 03:54
Operator : HP/JU
Sample : K4143-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 13 06:29:03 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



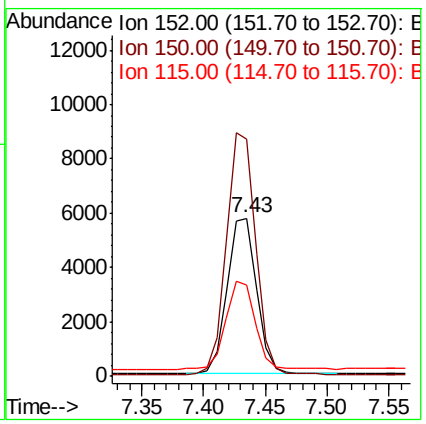


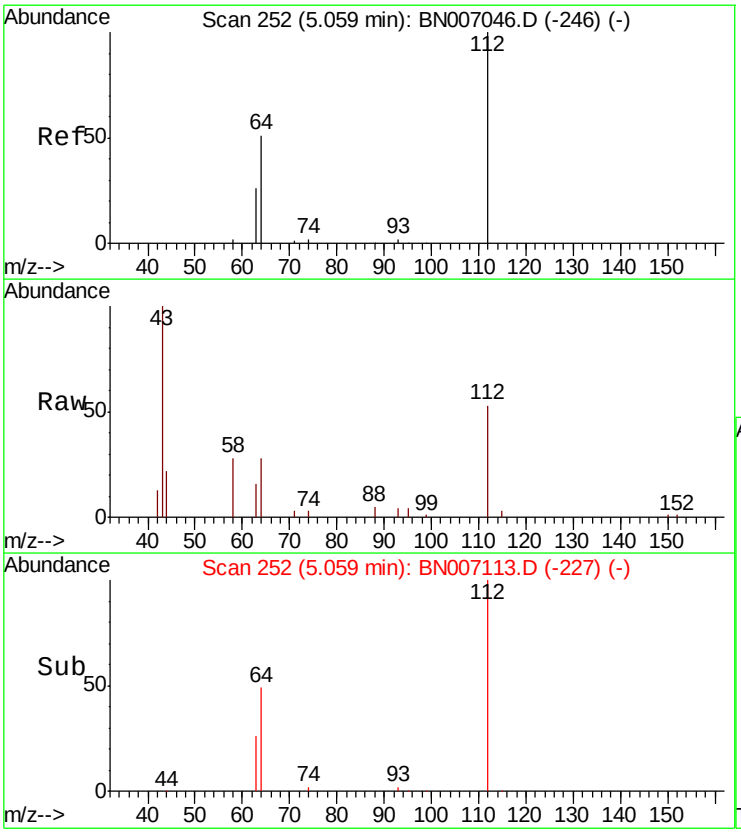
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9350

Ion	Ratio	Lower	Upper
152	100		
150	150.3	121.7	182.5
115	57.5	46.2	69.4

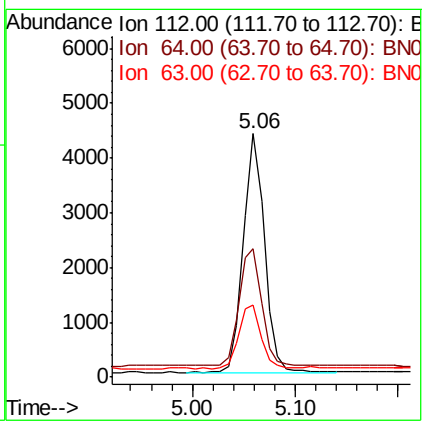


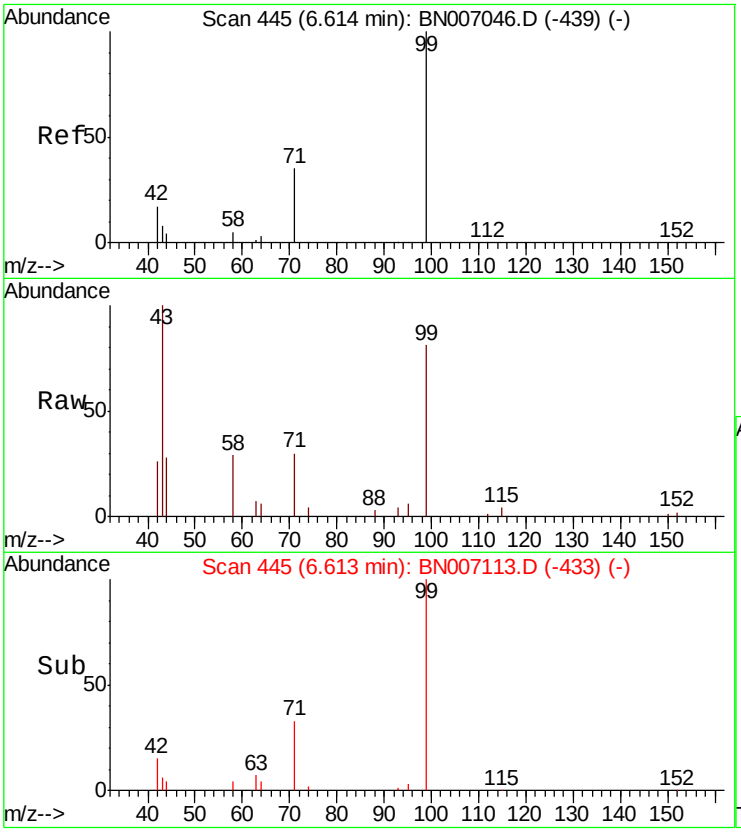


#3
2-Fluorophenol
Concen: 0.278 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:112 Resp: 6238

Ion	Ratio	Lower	Upper
112	100		
64	51.4	42.6	63.8
63	28.2	22.2	33.2



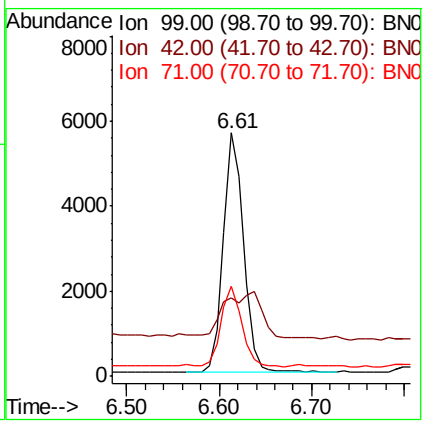


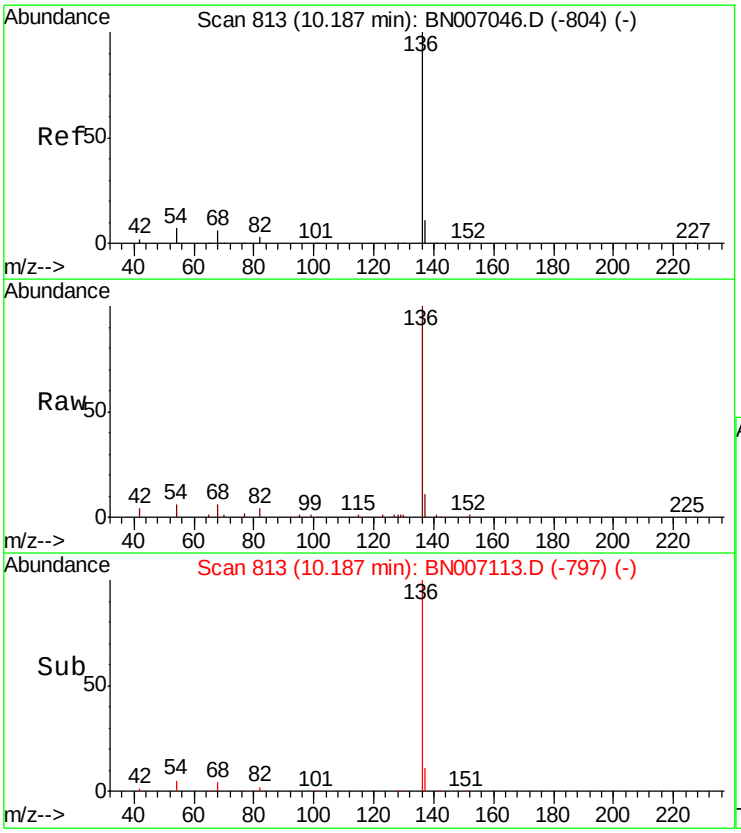
#4
Phenol-d6
Concen: 0.307 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8536

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	34.0	27.0	40.4

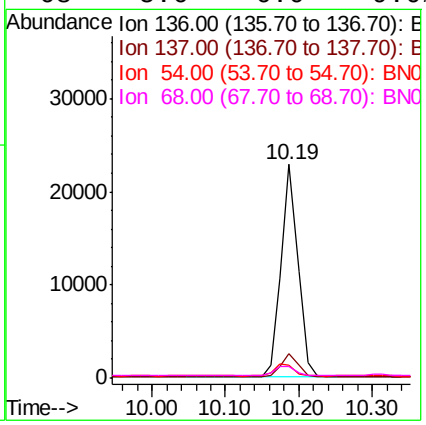


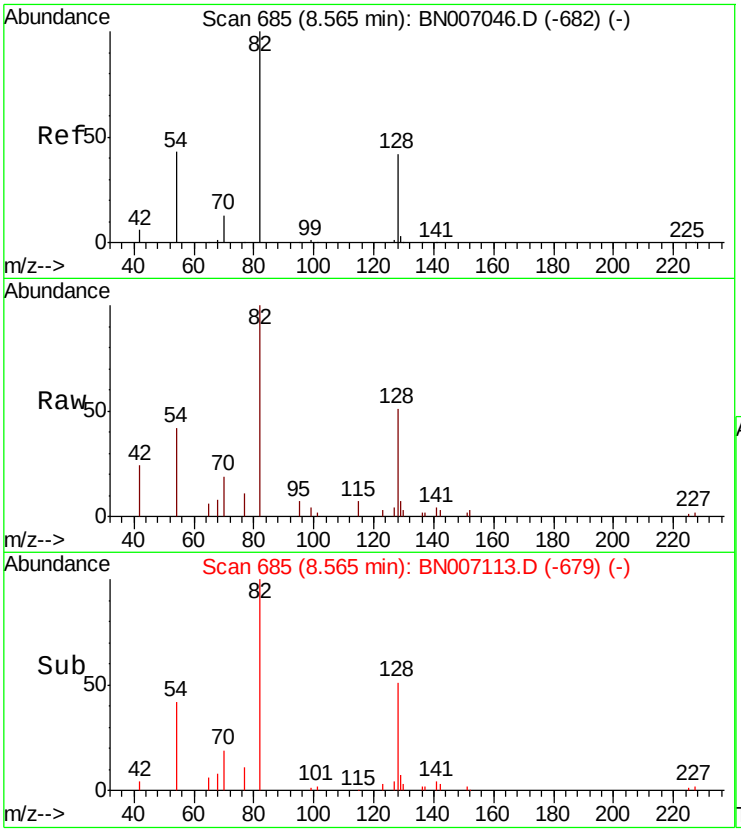


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:136 Resp: 36658

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	5.8	6.6	9.8#
68	5.6	6.0	9.0#



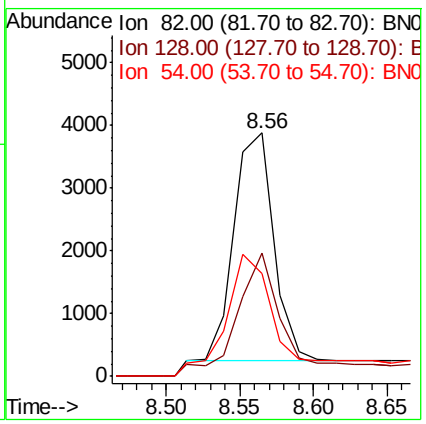


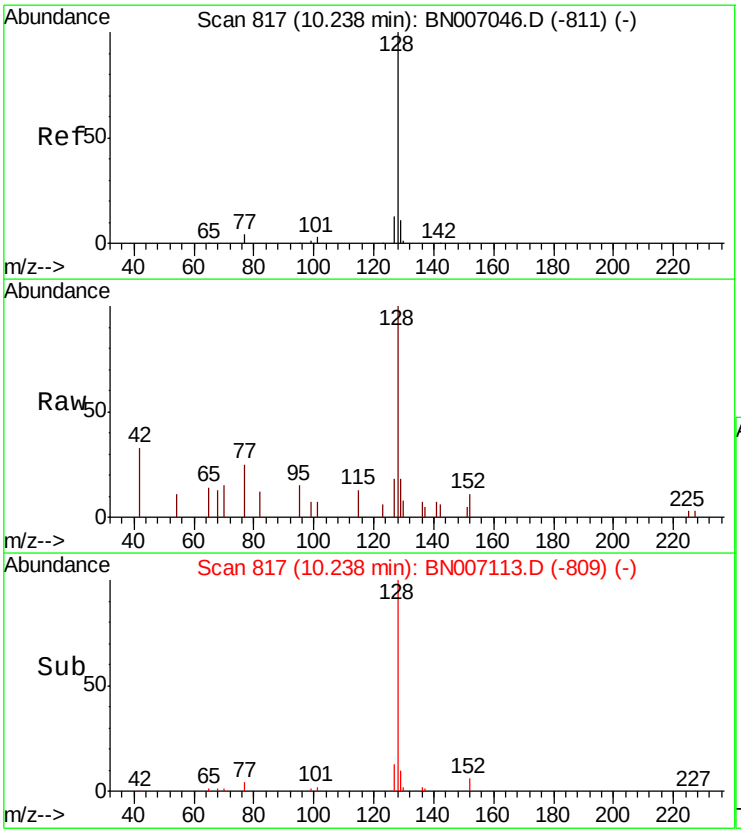
#7
Nitrobenzene-d5
Concen: 0.227 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 6716

Ion	Ratio	Lower	Upper
82	100		
128	50.6	34.6	51.8
54	42.1	36.2	54.4

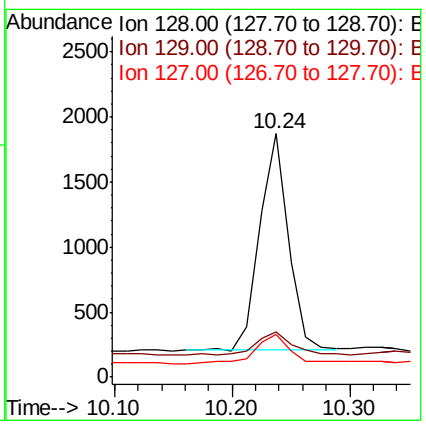


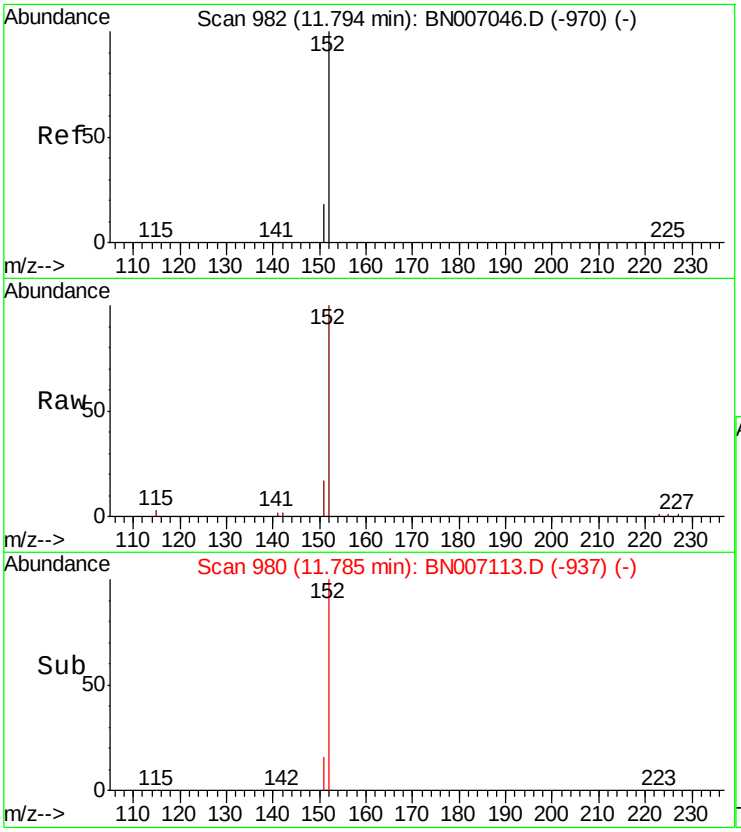


#8
Naphthalene
Concen: 0.028 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:128 Resp: 2829

Ion	Ratio	Lower	Upper
128	100		
129	18.4	9.4	14.2#
127	17.7	11.0	16.6#



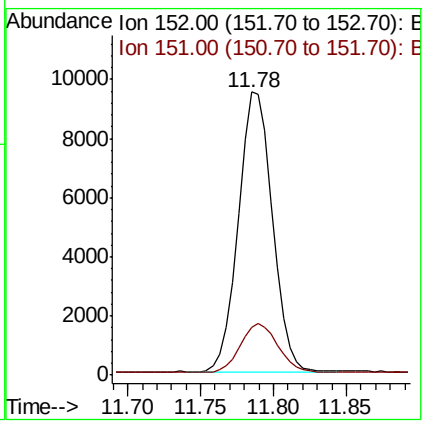


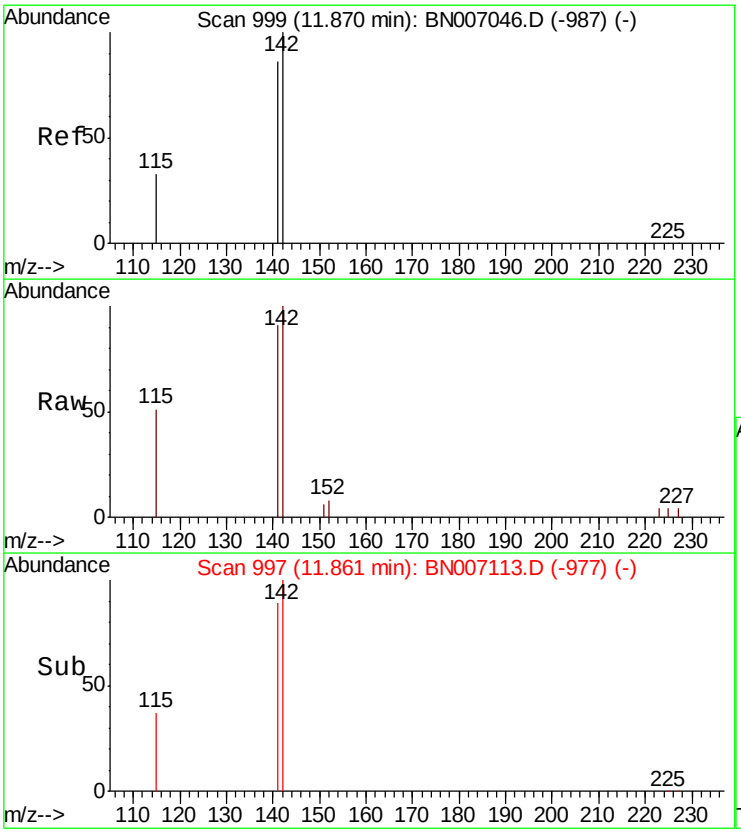
#10
2-Methylnaphthalene-d10
Concen: 0.228 ng
RT: 11.78 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 15559

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3

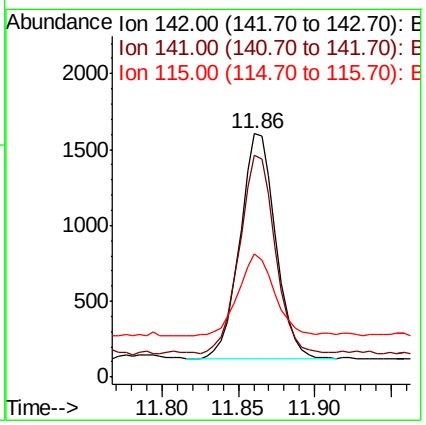


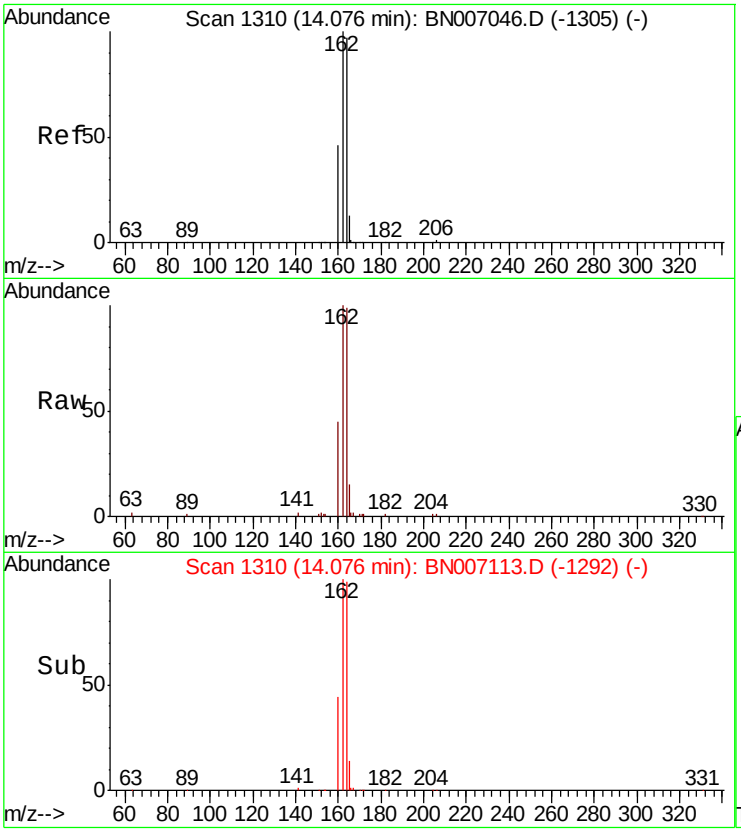


#11
2-Methylnaphthalene
Concen: 0.033 ng
RT: 11.86 min Scan# 997
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:142 Resp: 2427

Ion	Ratio	Lower	Upper
142	100		
141	91.2	69.0	103.6
115	50.5	27.1	40.7#



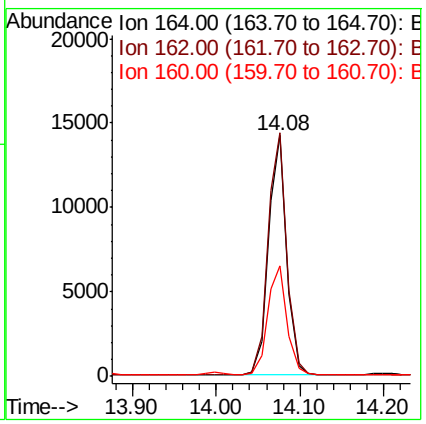


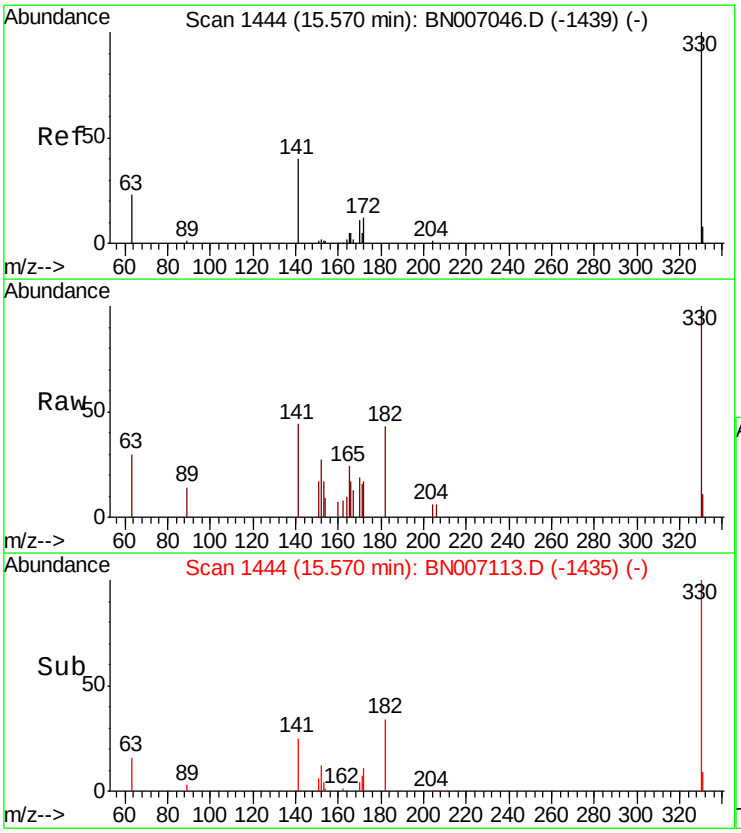
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 21474

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.4
160	45.8	38.3	57.5

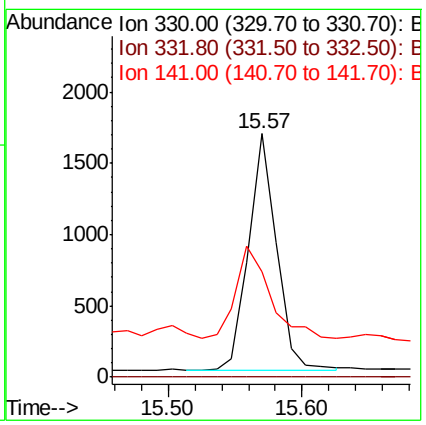


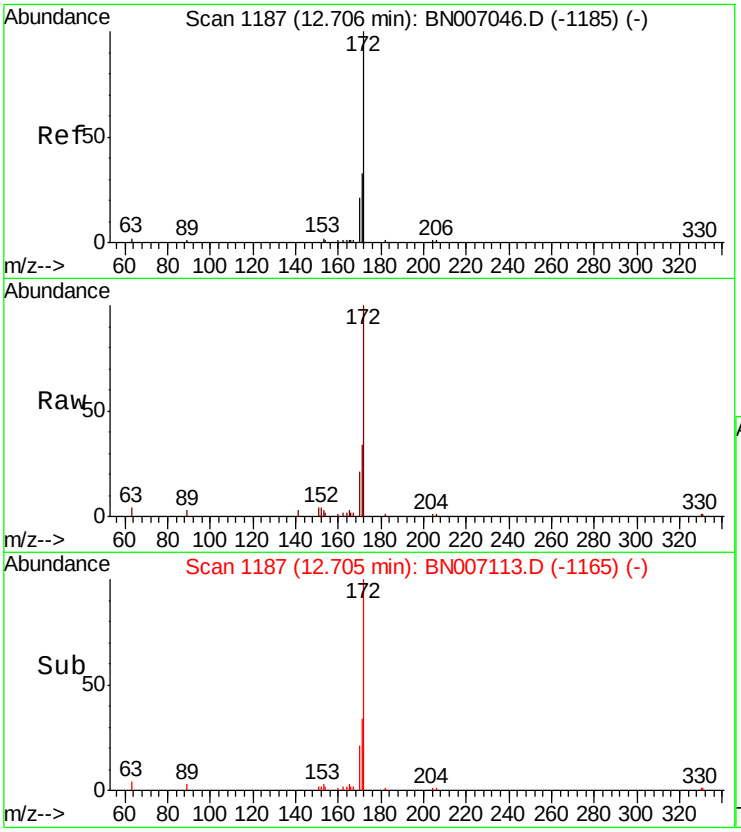


#13
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:330 Resp: 2421

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.5	33.6	50.4



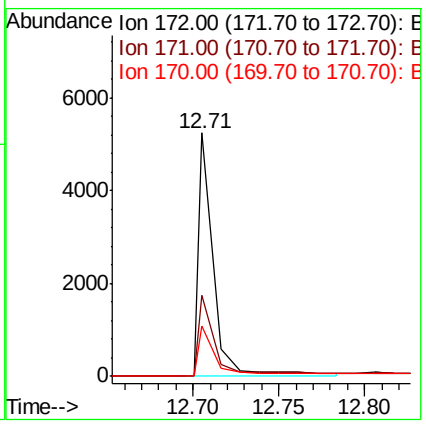


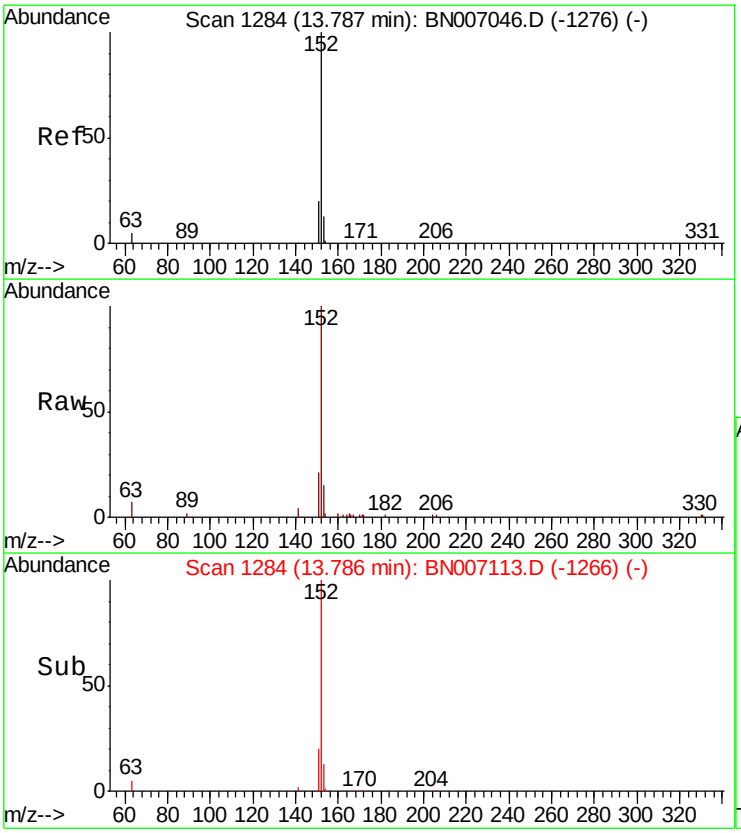
#14
2-Fluorobiphenyl
Concen: 0.118 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3685

Ion	Ratio	Lower	Upper
172	100		
171	33.5	26.3	39.5
170	20.8	17.0	25.4

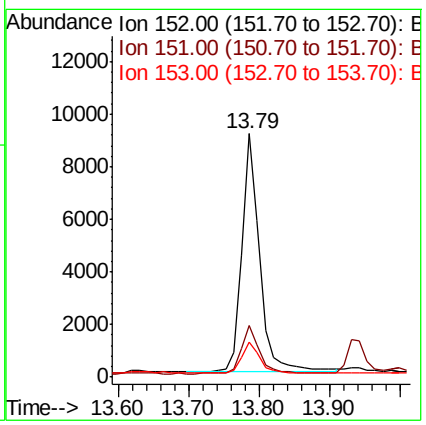


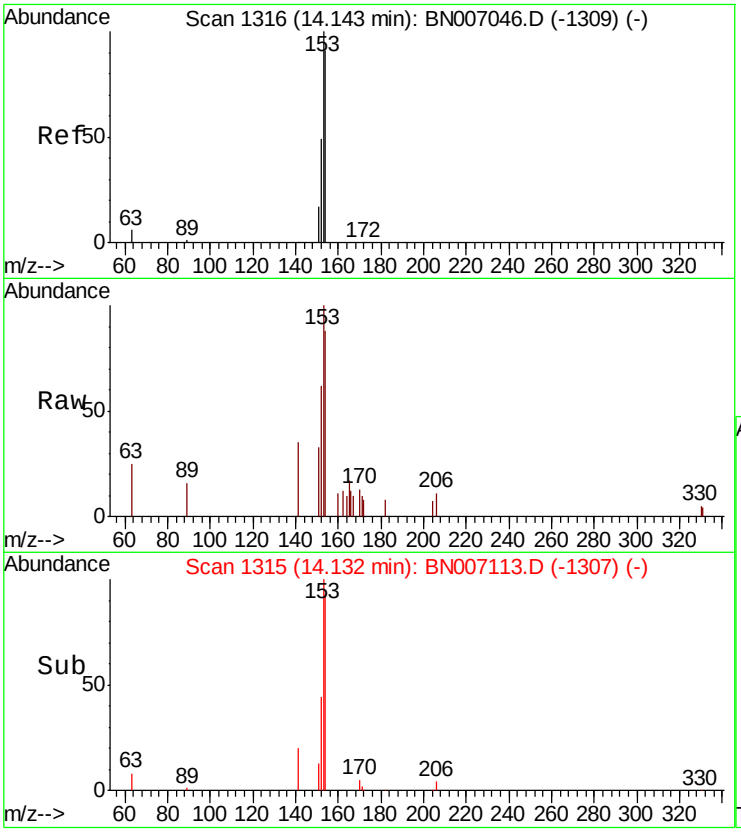


#15
Acenaphthylene
Concen: 0.142 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:152 Resp: 15987

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.8	23.6
153	13.7	10.4	15.6



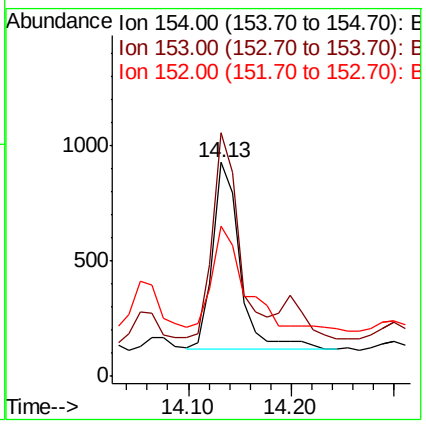


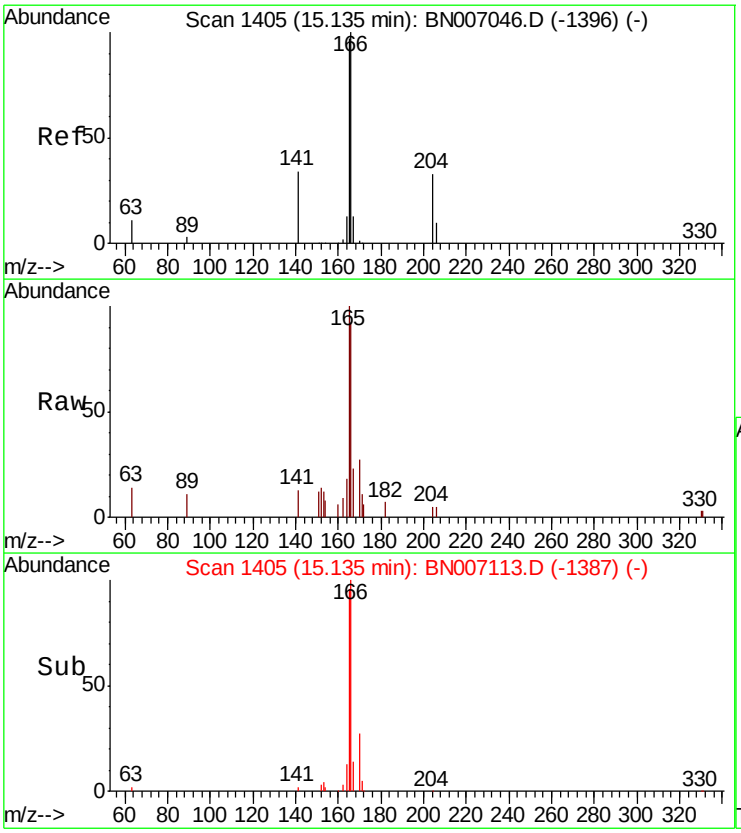
#16
Acenaphthene
Concen: 0.020 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1458

Ion	Ratio	Lower	Upper
154	100		
153	107.6	89.5	134.3
152	73.0	44.8	67.2#

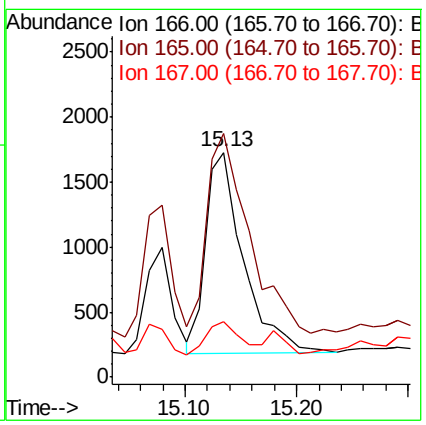


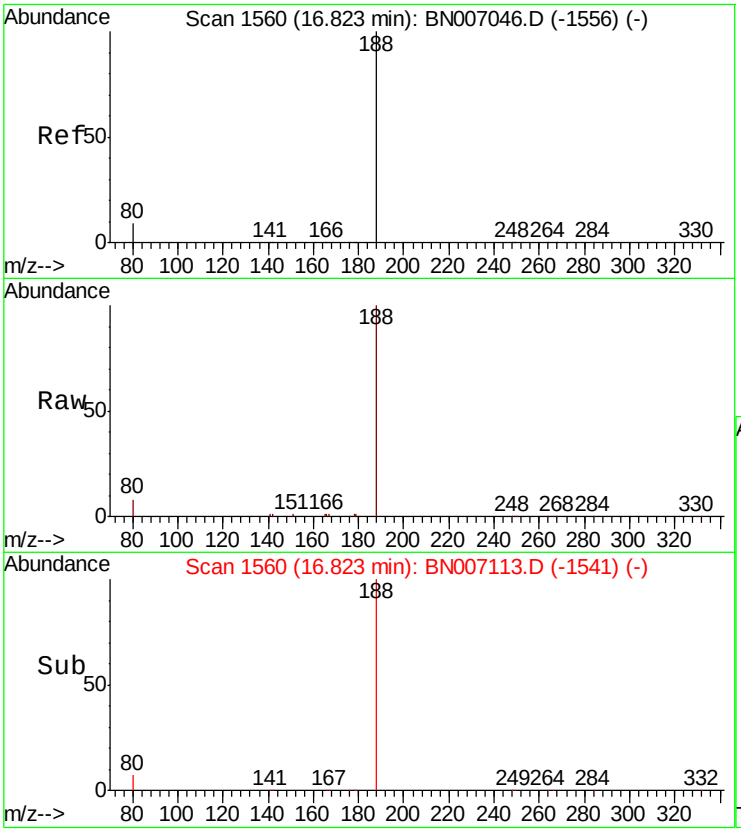


#17
Fluorene
Concen: 0.034 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:166 Resp: 3666

Ion	Ratio	Lower	Upper
166	100		
165	112.4	77.9	116.9
167	14.2	10.9	16.3



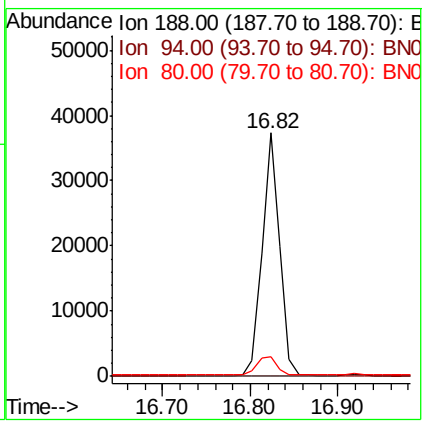


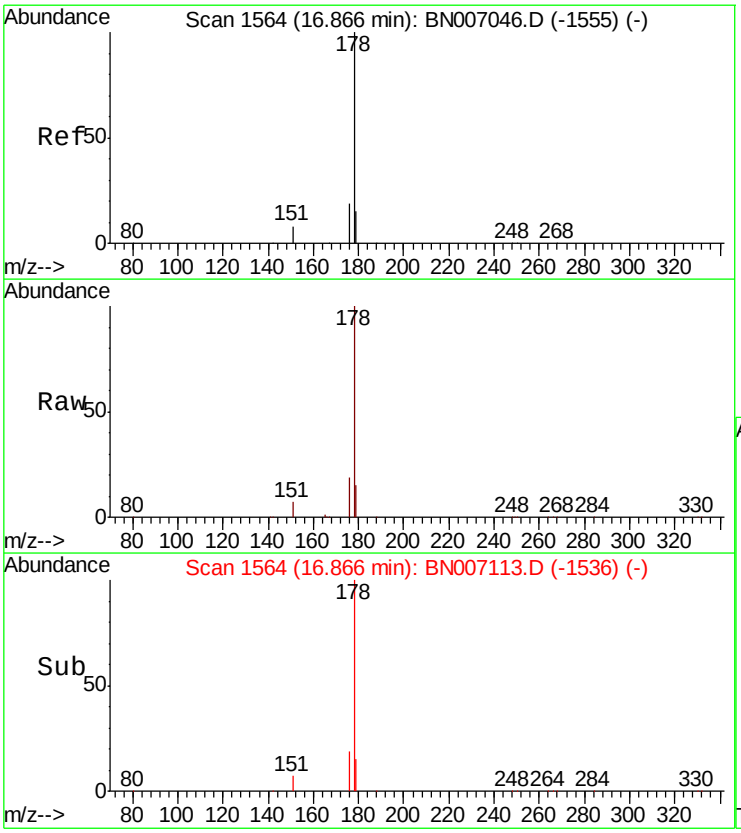
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 51606

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.8	11.6

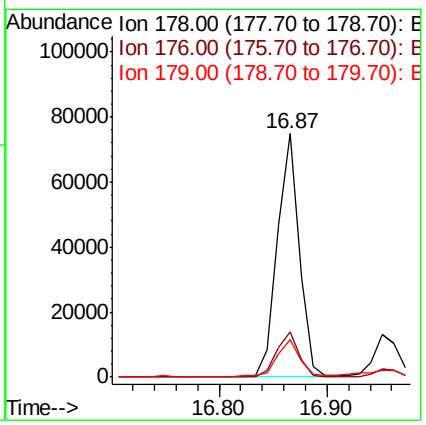


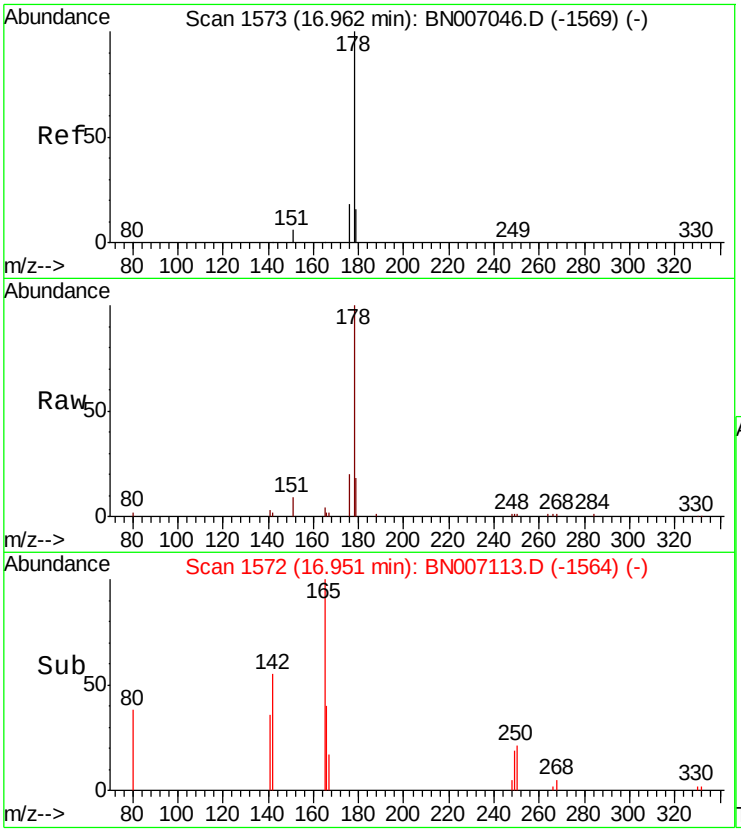


#22
Phenanthrene
Concen: 0.677 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:178 Resp: 104732

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.4	12.3	18.5



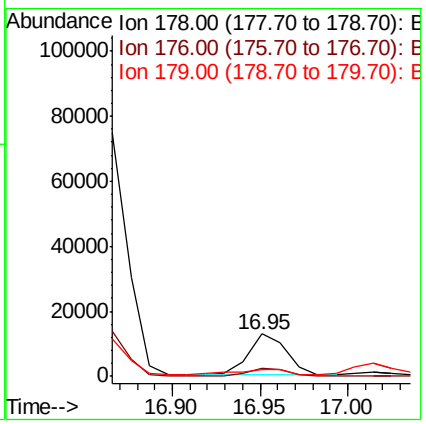


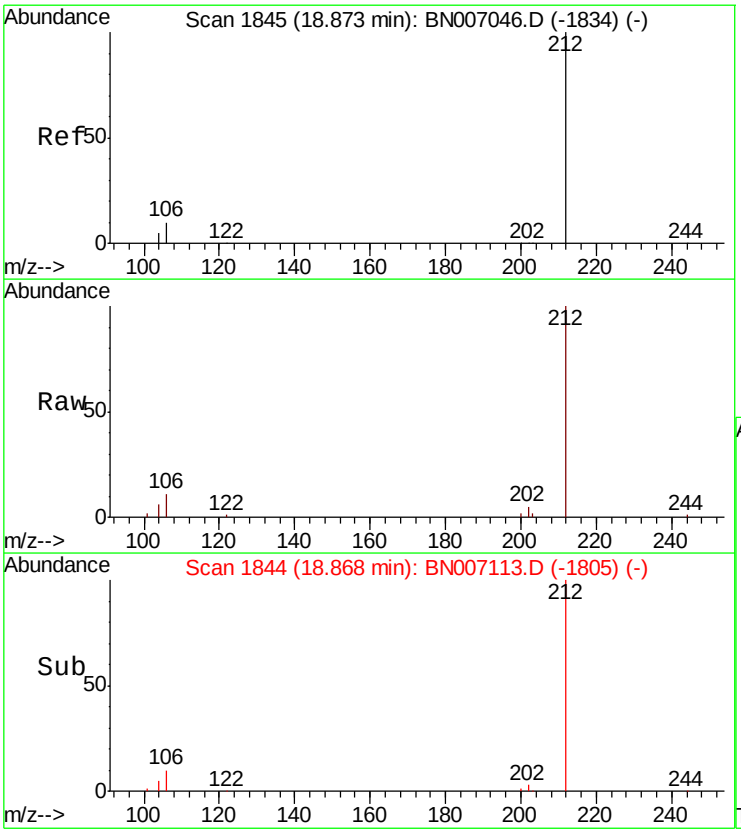
#23
Anthracene
Concen: 0.135 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 19146

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	20.9	12.5	18.7#

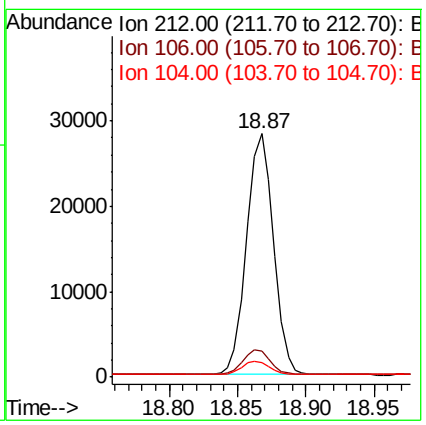


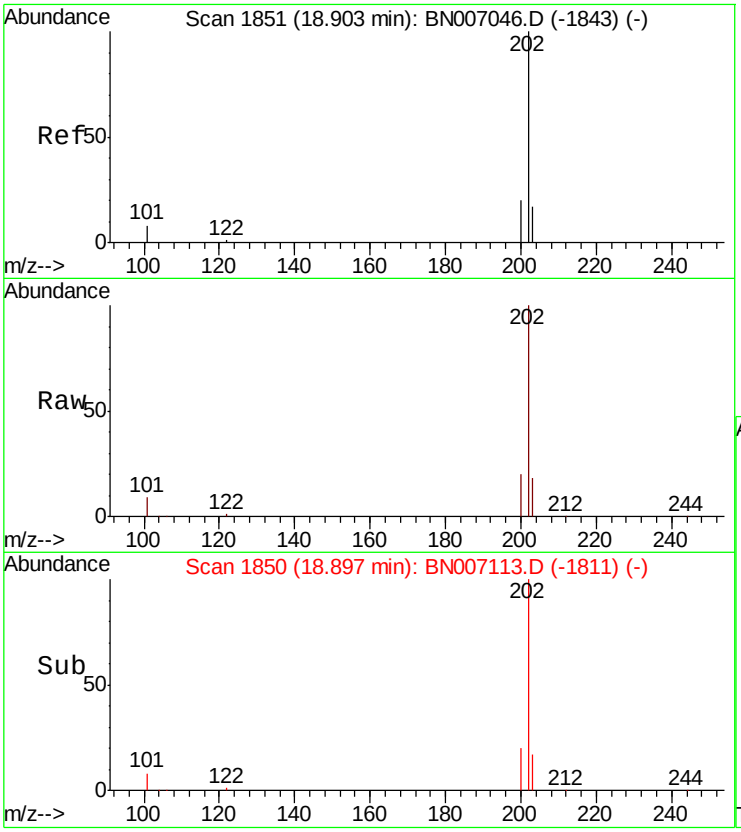


#24
Fluoranthene-d10
Concen: 0.211 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:212 Resp: 38630

Ion	Ratio	Lower	Upper
212	100		
106	10.7	8.2	12.2
104	6.0	4.5	6.7



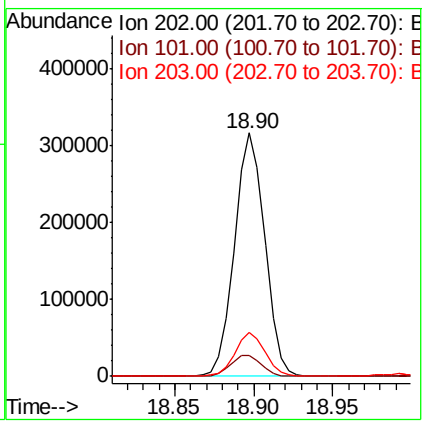


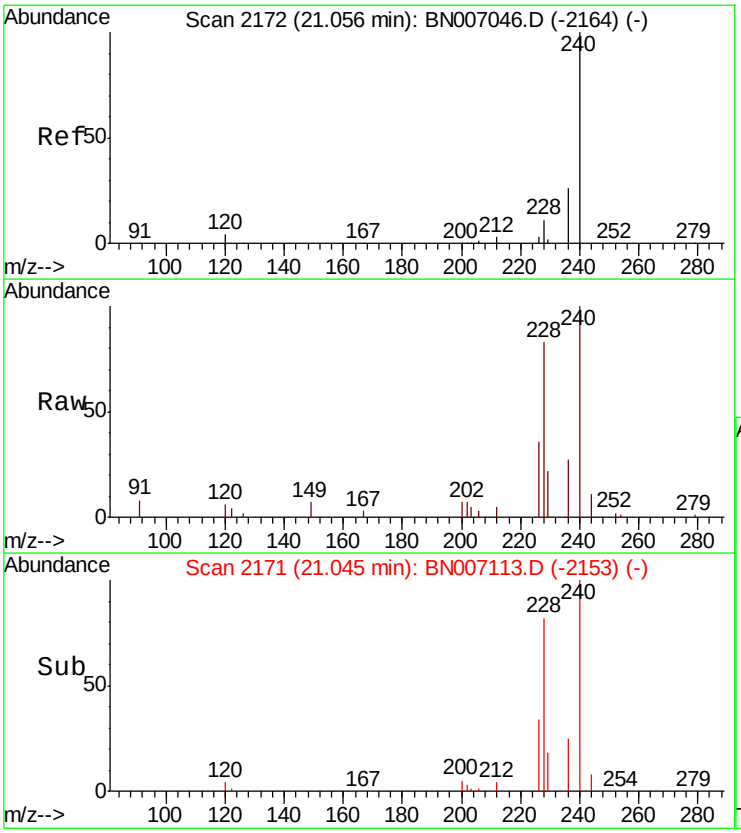
#25
Fluoranthene
Concen: 2.111 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 417621

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
203	17.5	13.8	20.8

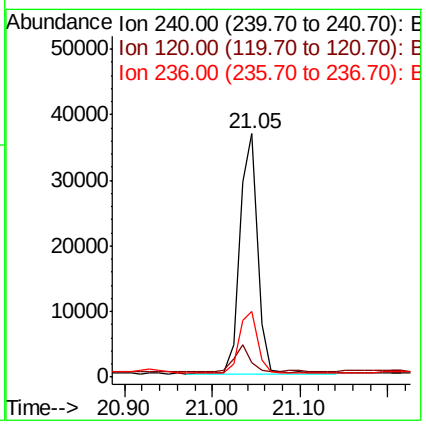


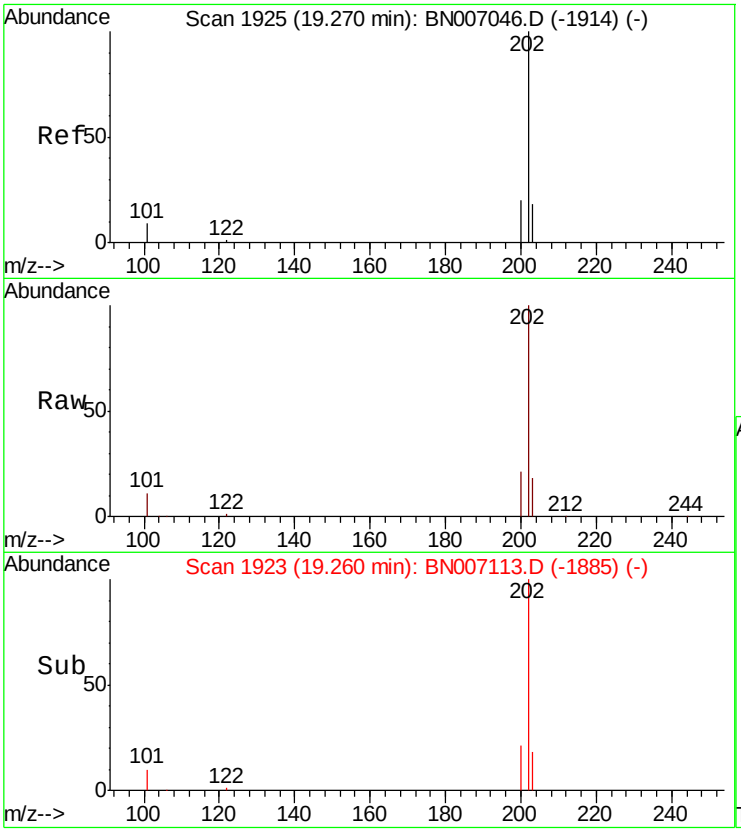


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:240 Resp: 50668

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.0	6.0#
236	27.0	21.3	31.9



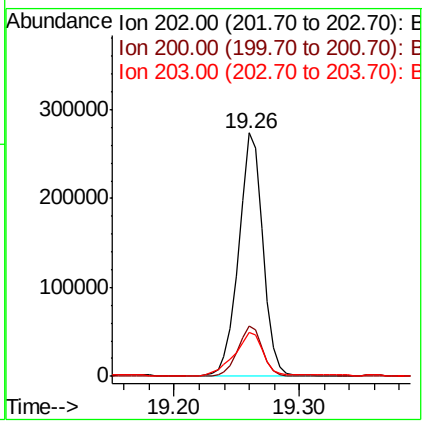


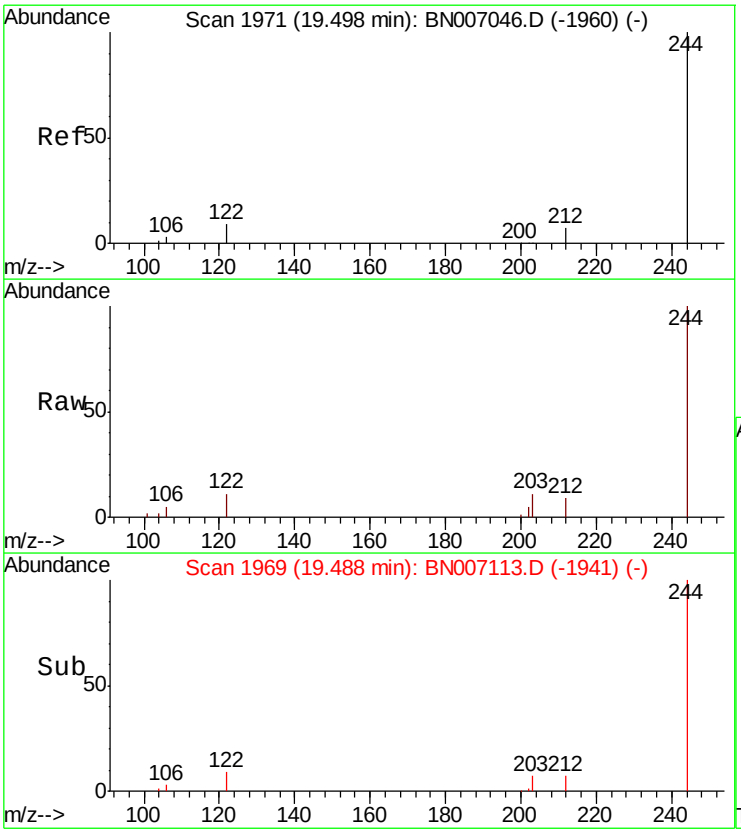
#27
Pyrene
Concen: 2.047 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 363802

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	21.4	14.0	21.0#

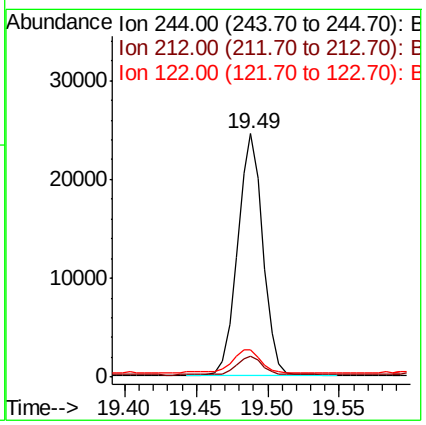


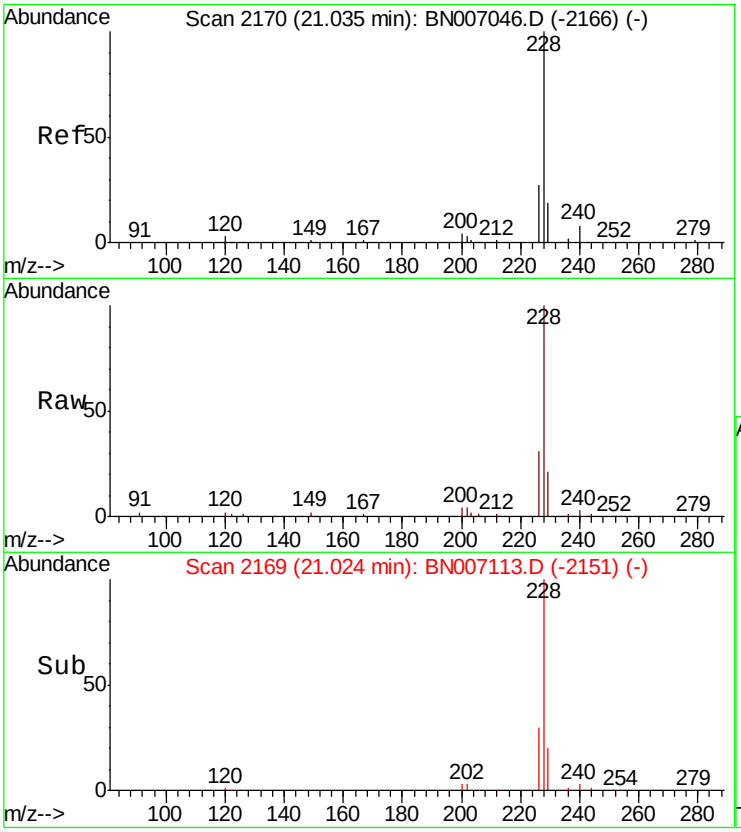


#28
Terphenyl-d14
Concen: 0.217 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:244 Resp: 29899

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.2
122	11.1	7.4	11.2



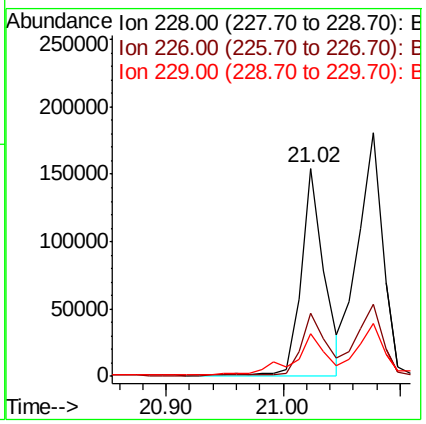


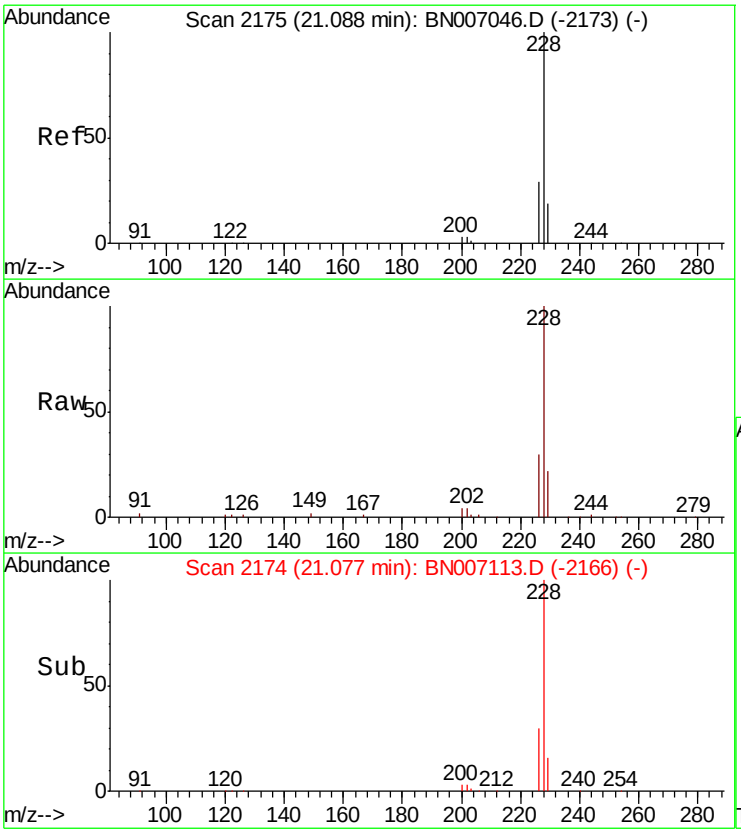
#29
Benzo(a)anthracene
Concen: 1.126 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 208647

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.8	32.6
229	20.8	15.6	23.4

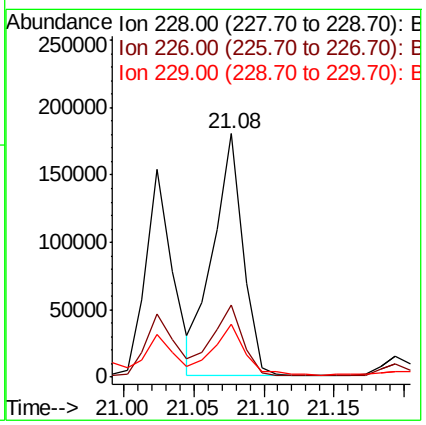


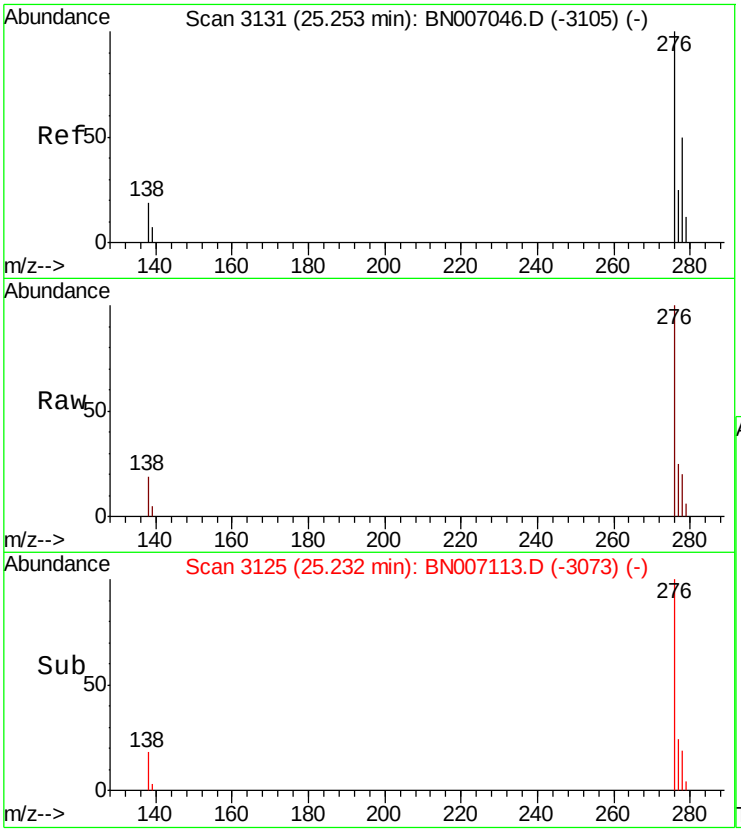


#30
Chrysene
Concen: 1.483 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:228 Resp: 266966

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	21.6	15.7	23.5



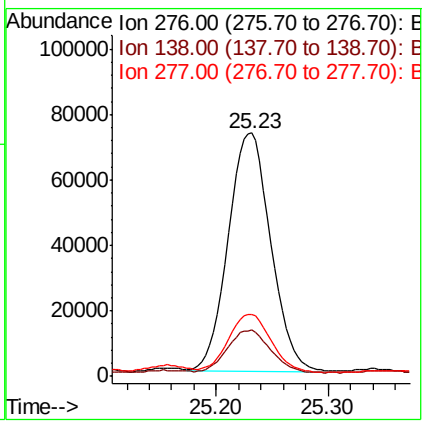


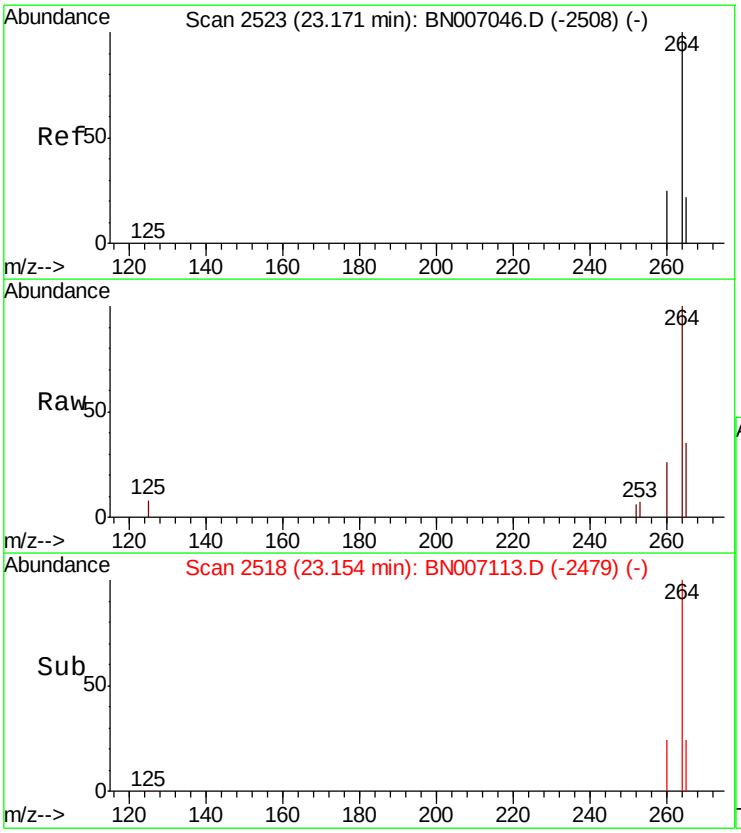
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.968 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 192103

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.0	24.0
277	24.5	19.9	29.9

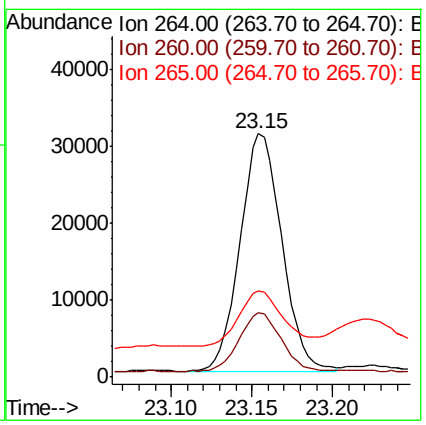


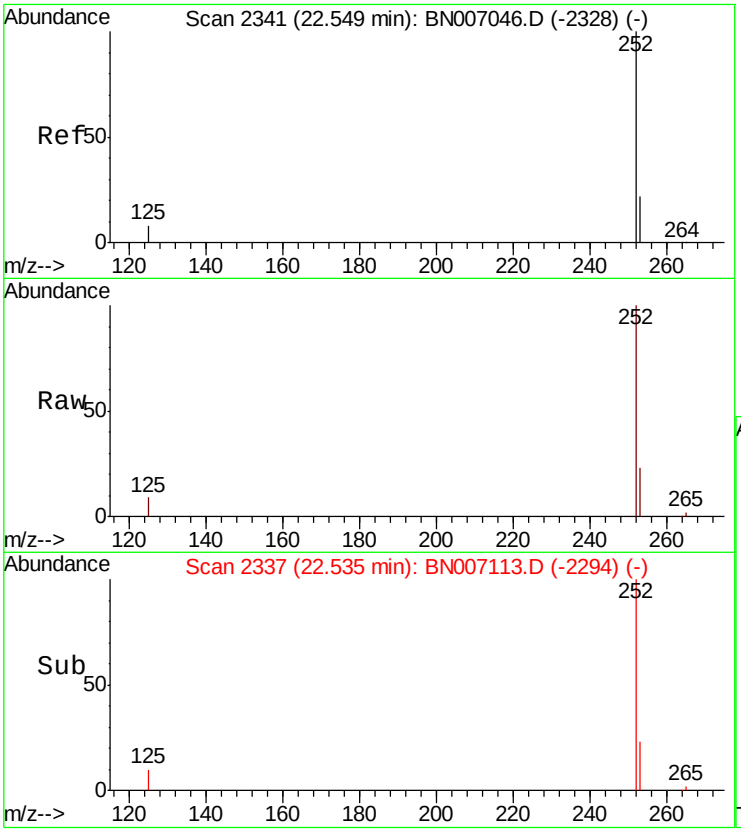


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:264 Resp: 55250

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.8	29.8
265	35.2	26.2	39.4



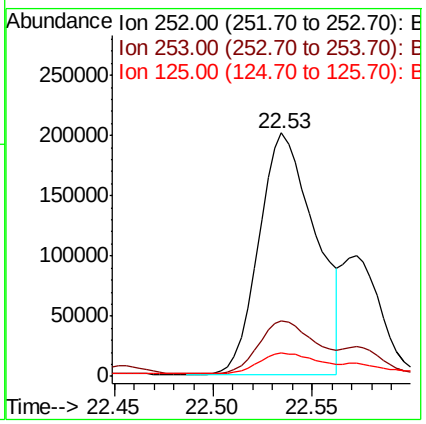


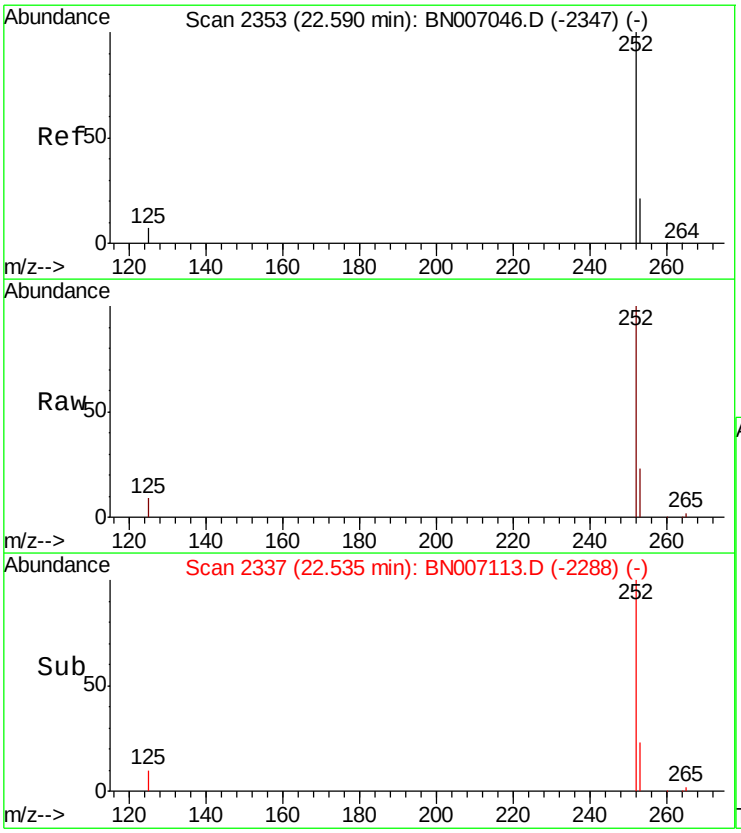
#33
Benzo(b)fluoranthene
Concen: 2.100 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 397853

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.5	7.4	11.0

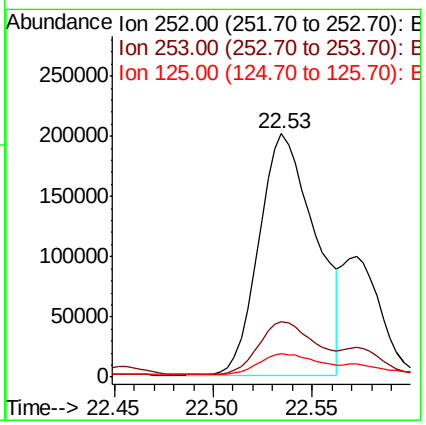


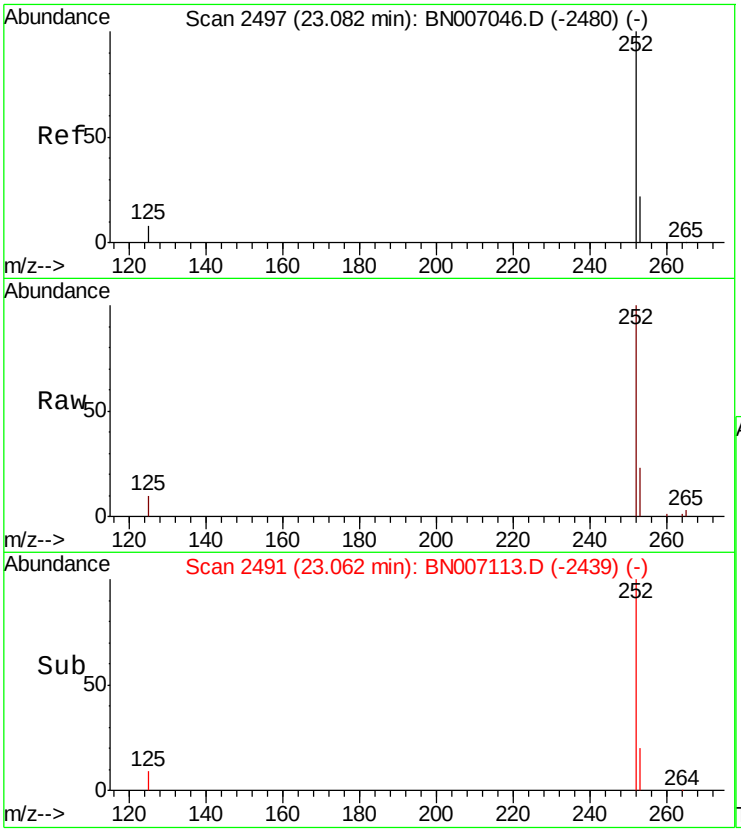


#34
Benzo(k)fluoranthene
Concen: 2.126 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.06 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:252 Resp: 397853

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	9.5	7.4	11.0



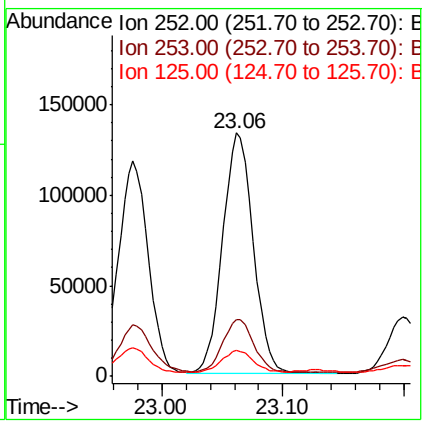


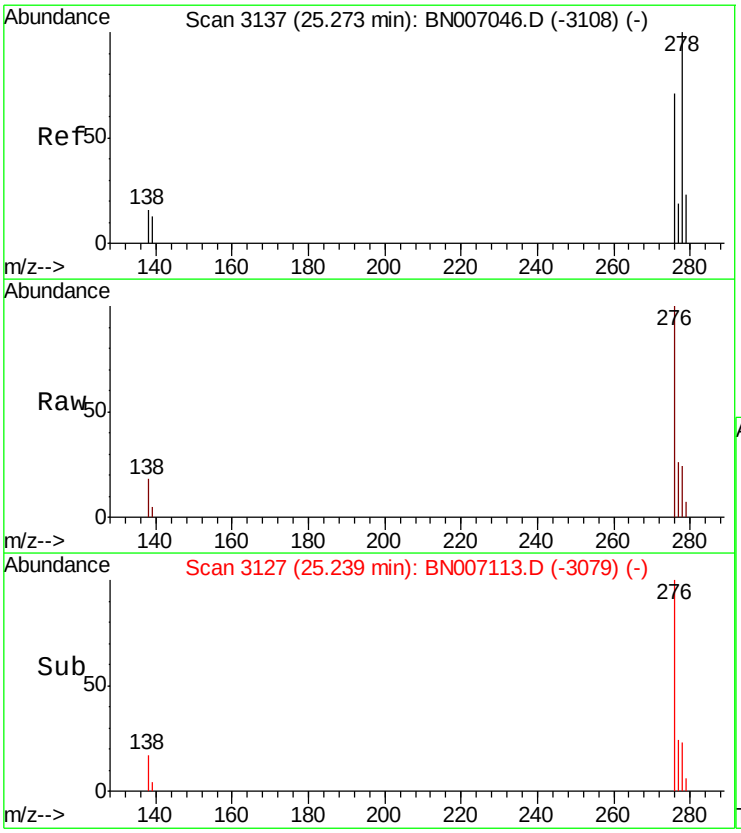
#35
Benzo(a)pyrene
Concen: 1.354 ng
RT: 23.06 min Scan# 2491
Delta R.T. -0.02 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 232571

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	10.5	8.2	12.4

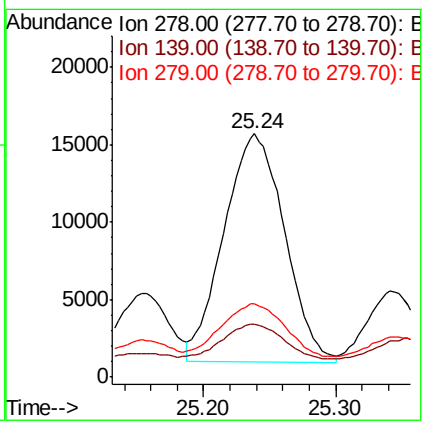


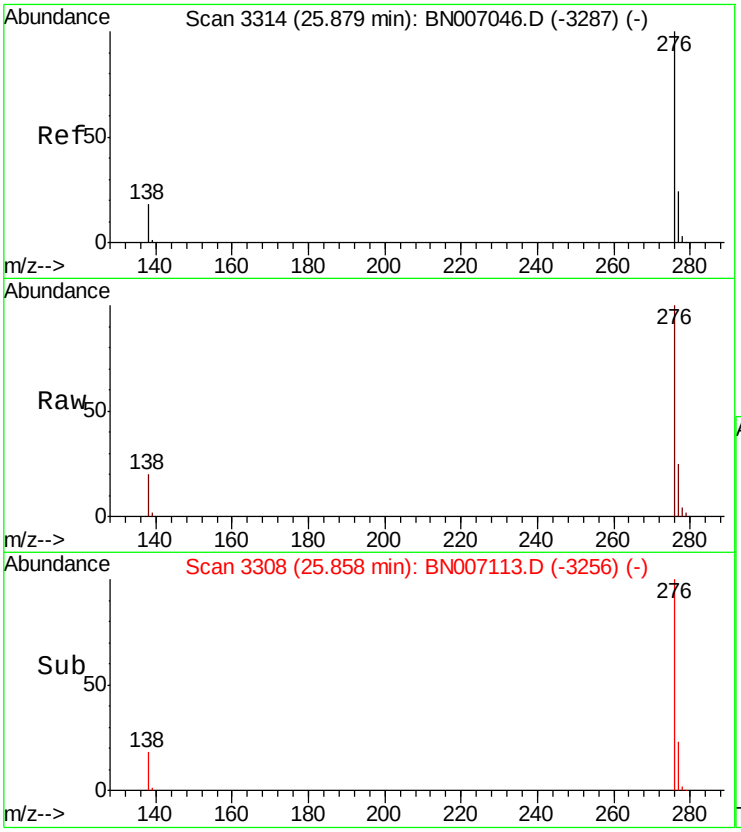


#36
Dibenzo(a,h)anthracene
Concen: 0.275 ng
RT: 25.24 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Tgt Ion:278 Resp: 47053

Ion	Ratio	Lower	Upper
278	100		
139	21.8	11.3	16.9#
279	30.2	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 1.096 ng
RT: 25.86 min Scan# 3308
Delta R.T. -0.02 min
Lab File: BN007113.D
Acq: 13 Aug 2019 03:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 193193

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	19.7	14.6	22.0