Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007061.D
Acq On : 10 Aug 2019 22:58
Operator : HP/JU
Sample : K4143-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 12 04:38:27 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	8569	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	32979	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	18762	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	45458	0.40	ng		0.00
26) Chrysene-d12	21.05	240	48432	0.40	ng		-0.01
32) Perylene-d12	23.16	264	53255	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	4760	0.23	ng		0.00
4) Phenol-d6	6.61	99	6395	0.25	ng		0.00
7) Nitrobenzene-d5	8.56	82	4917	0.18	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	11673	0.19	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1434	0.14	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	5047	0.19	ng		0.00
24) Fluoranthene-d10	18.87	212	30124	0.19	ng		0.00
28) Terphenyl-d14	19.49	244	23592	0.18	ng		0.00
Target Compounds							Qvalue
15) Acenaphthylene	13.79	152	6829	0.070	ng		100
22) Phenanthrene	16.87	178	31512	0.231	ng		100
23) Anthracene	16.96	178	6141	0.049	ng	#	95
25) Fluoranthene	18.90	202	74675	0.429	ng		100
27) Pyrene	19.26	202	70684	0.416	ng		97
29) Benzo(a)anthracene	21.02	228	33796	0.191	ng		94
30) Chrysene	21.08	228	42057	0.244	ng		97
31) Indeno(1,2,3-cd)pyrene	25.23	276	25615	0.135	ng		97
33) Benzo(b)fluoranthene	22.54	252	55007	0.301	ng		97
34) Benzo(k)fluoranthene	22.54	252	55007	0.305	ng		97
35) Benzo(a)pyrene	23.07	252	33248	0.201	ng		97
36) Dibenzo(a,h)anthracene	25.24	278	6522	0.039	ng	#	77
37) Benzo(g,h,i)perylene	25.86	276	26610	0.157	ng		96

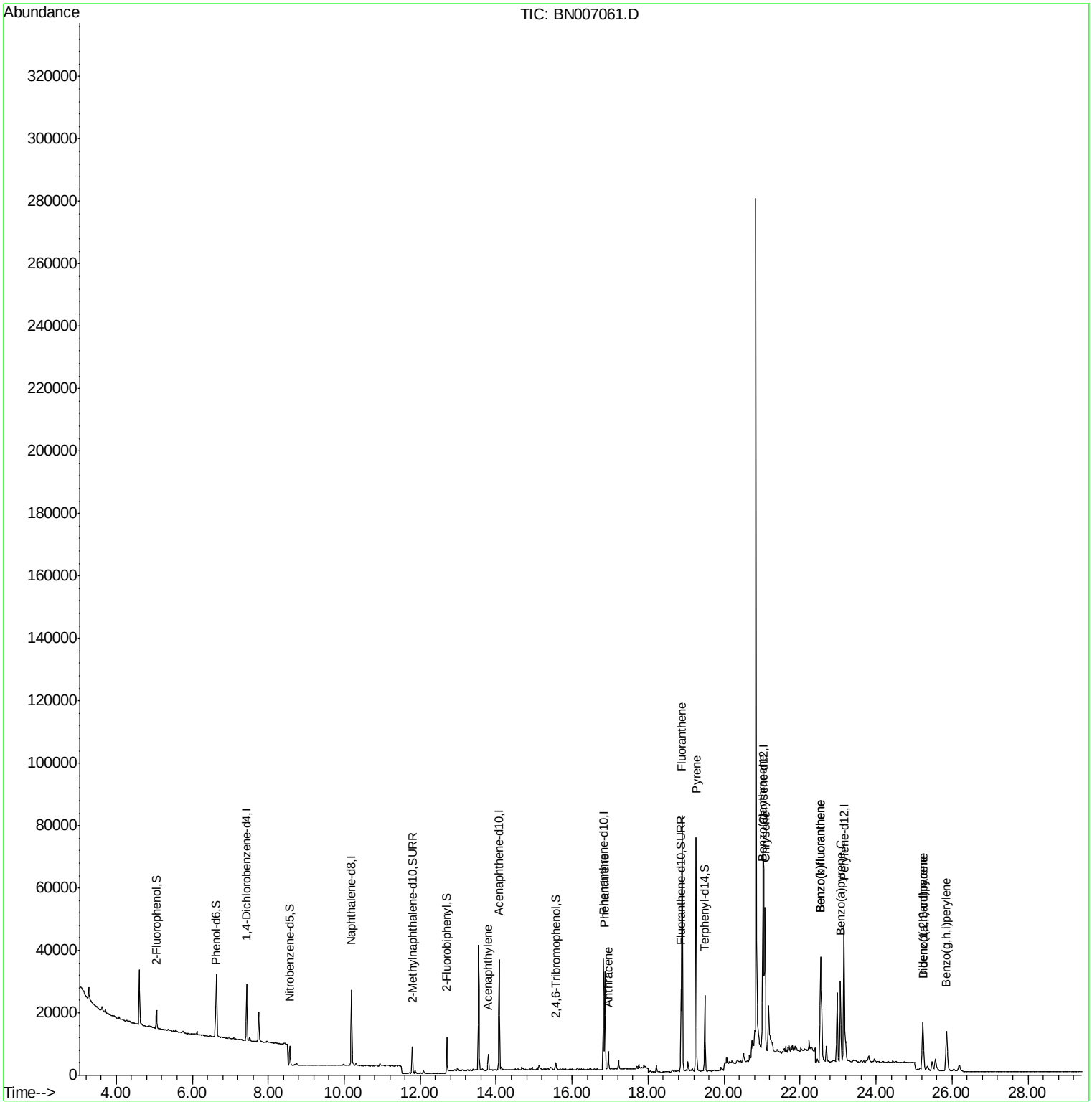
(#) = qualifier out of range (m) = manual integration (+) = signals summed

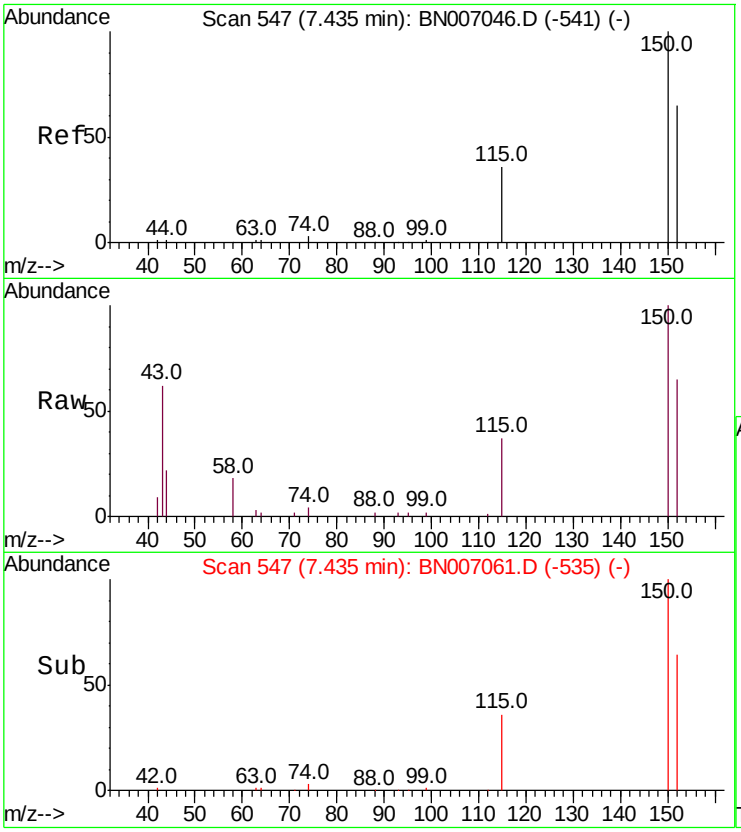
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007061.D
Acq On : 10 Aug 2019 22:58
Operator : HP/JU
Sample : K4143-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 12 04:38:27 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



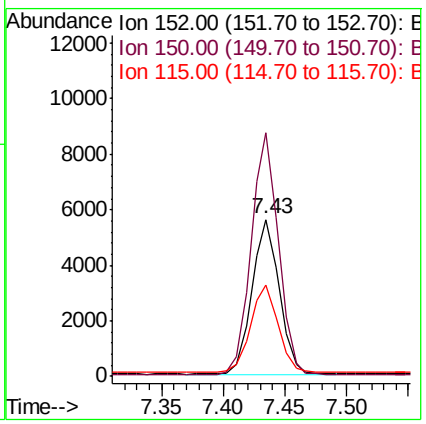


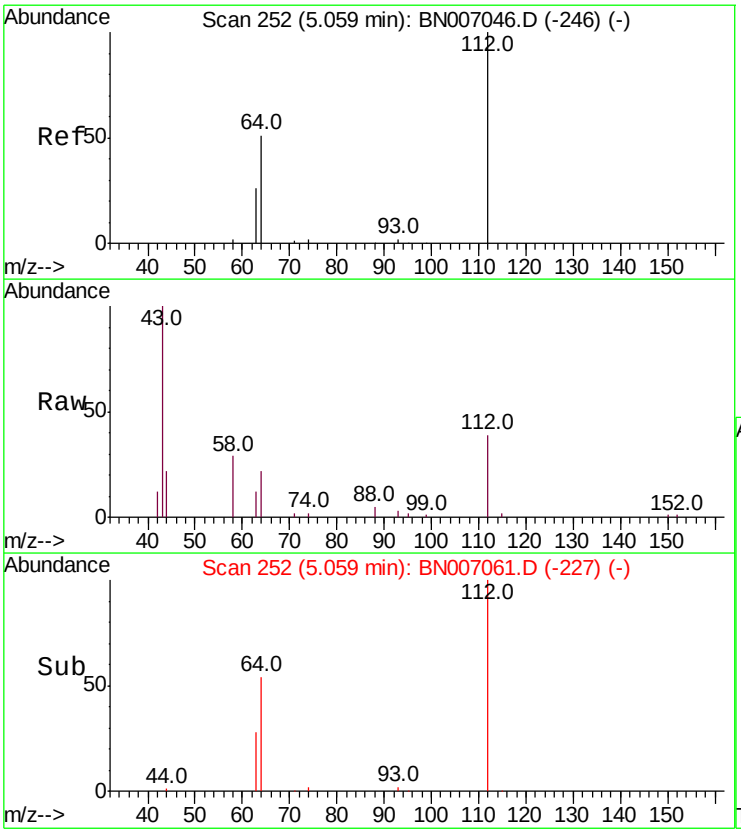
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8569

Ion	Ratio	Lower	Upper
152	100		
150	154.9	121.7	182.5
115	58.0	46.2	69.4

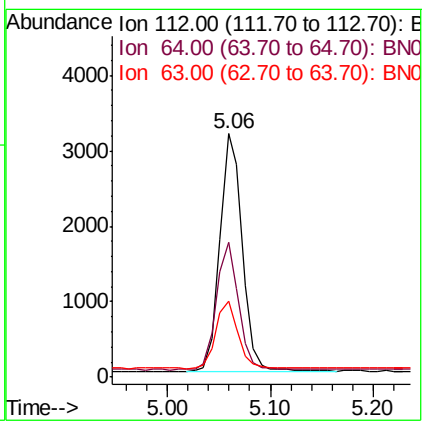


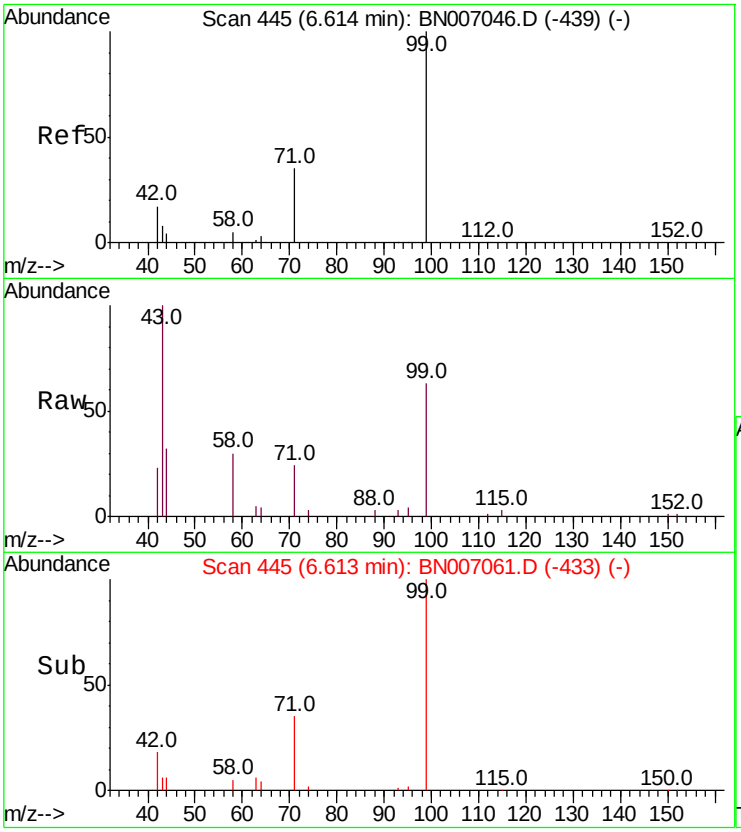


#3
2-Fluorophenol
Concen: 0.231 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:112 Resp: 4760

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.6	63.8
63	28.0	22.2	33.2



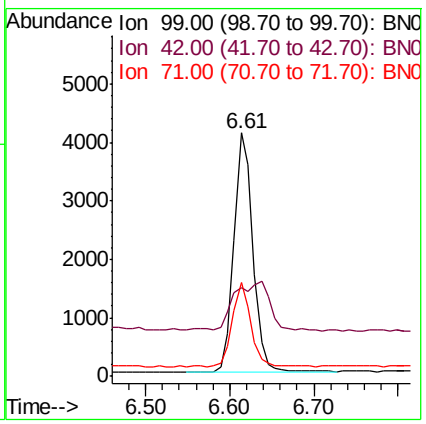


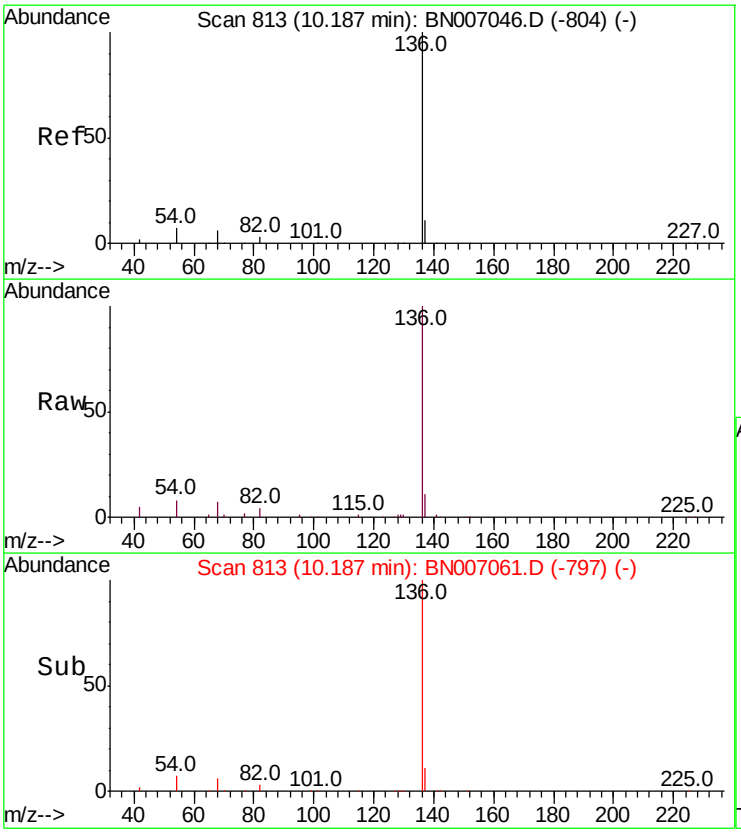
#4
Phenol-d6
Concen: 0.251 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6395

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	35.0	27.0	40.4

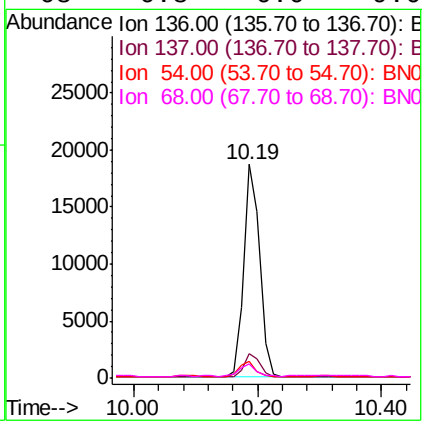


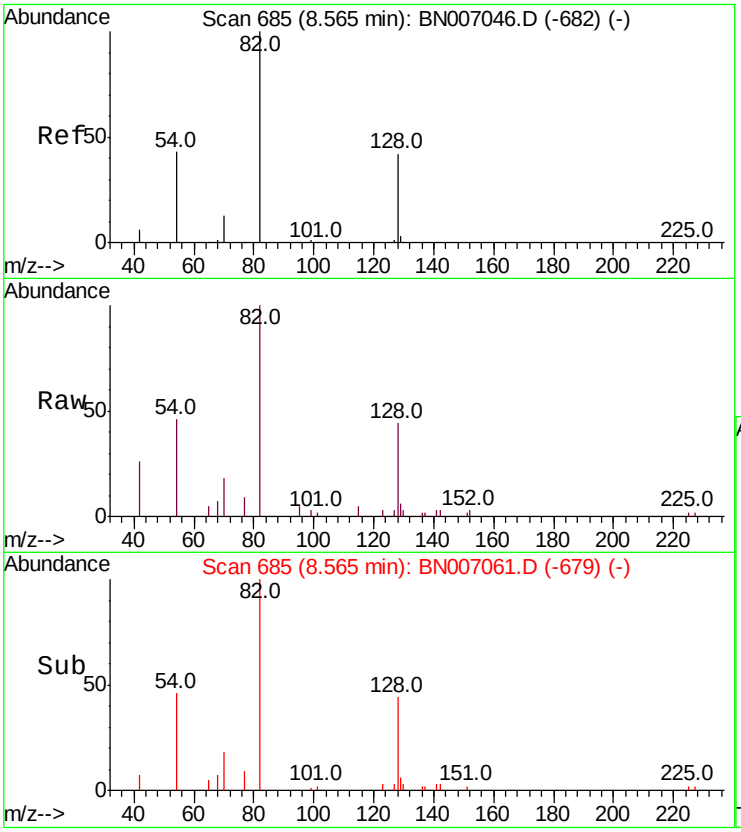


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:136 Resp: 32979

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	7.6	6.6	9.8
68	6.8	6.0	9.0



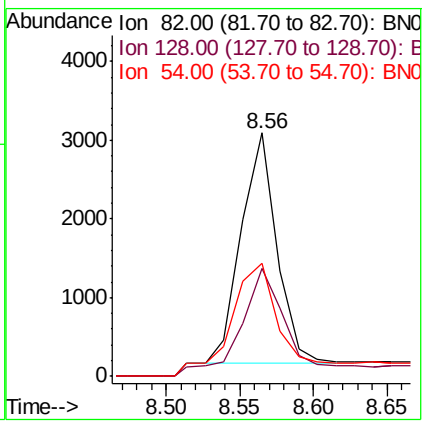


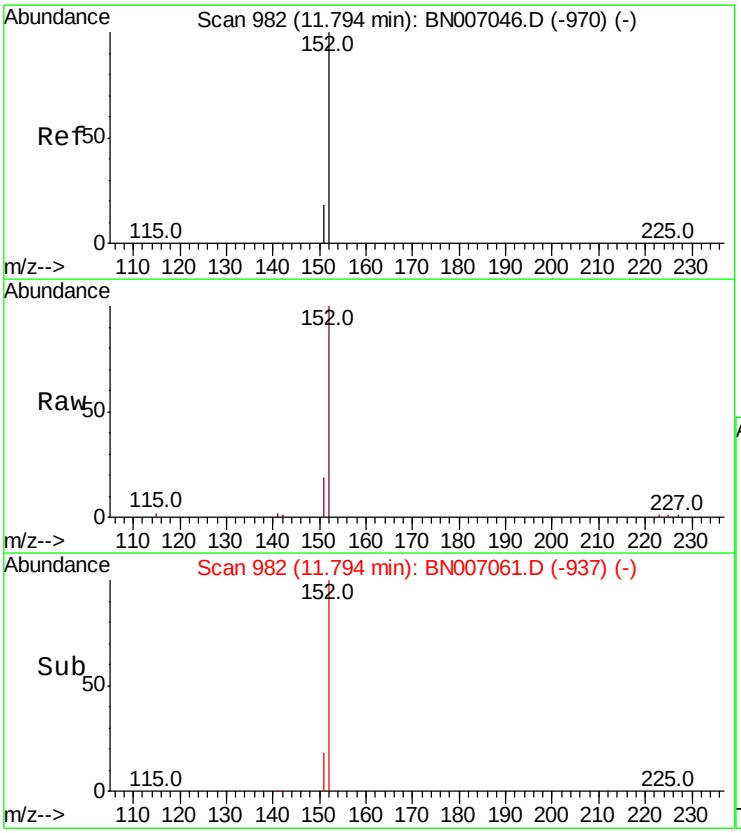
#7
Nitrobenzene-d5
Concen: 0.185 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 4917

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	46.5	36.2	54.4

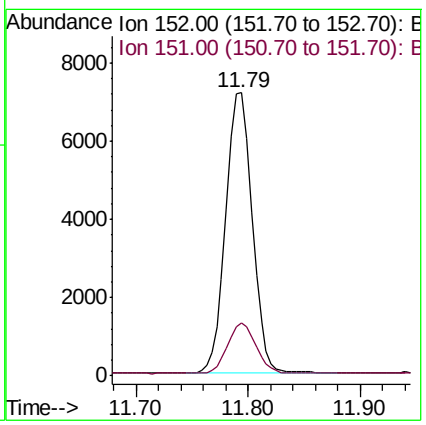


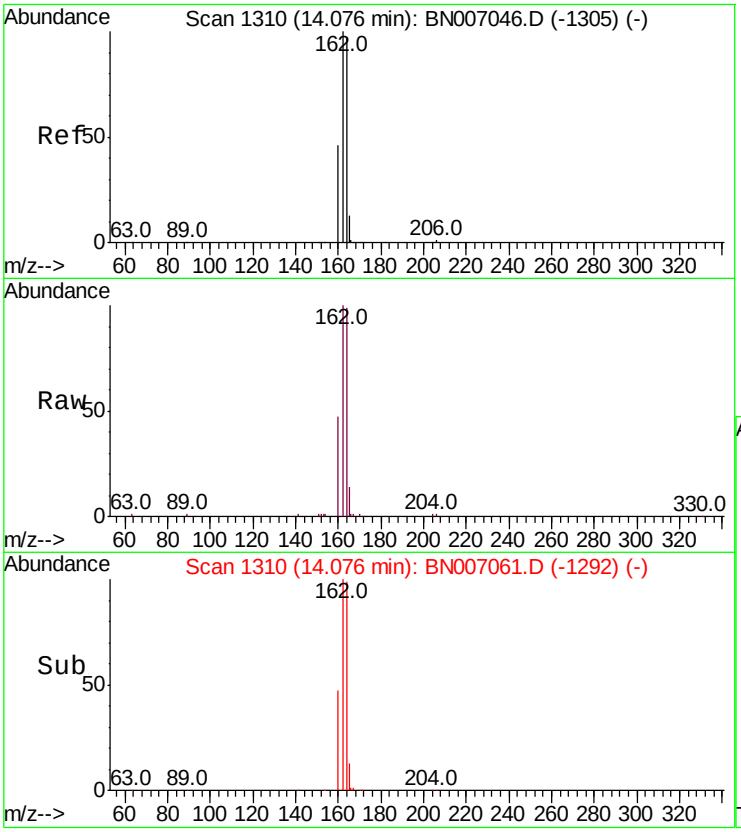


#10
2-Methylnaphthalene-d10
Concen: 0.190 ng
RT: 11.79 min Scan# 982
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:152 Resp: 11673

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3



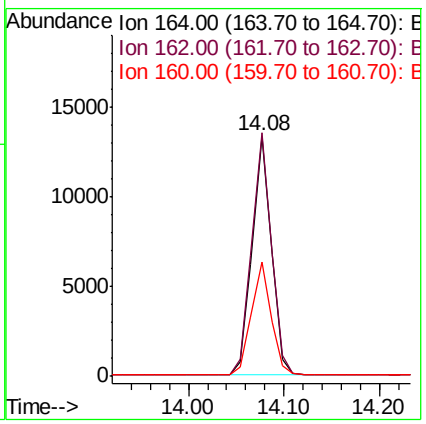


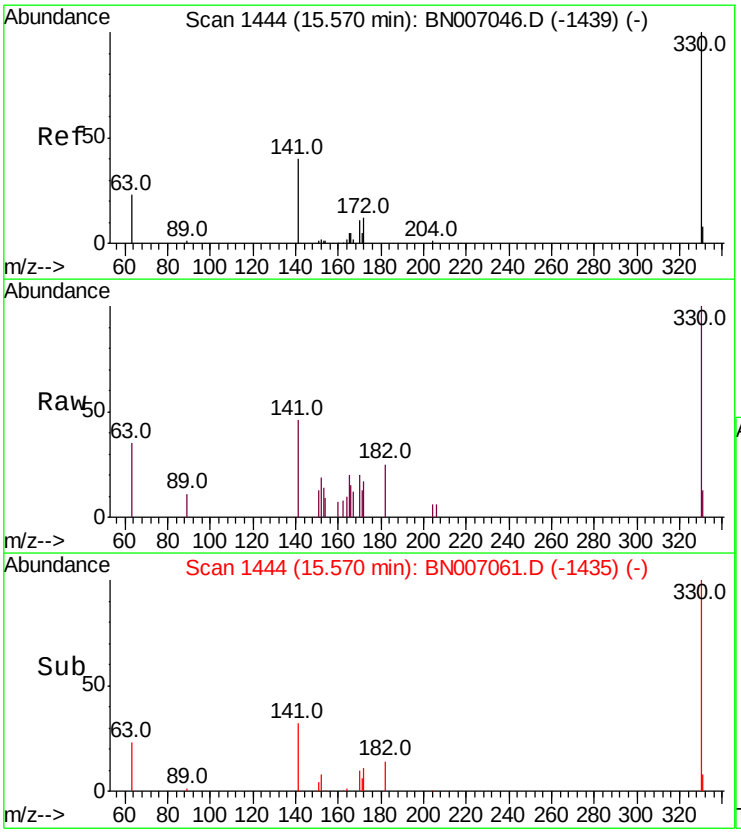
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 18762

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.2	123.4
160	47.5	38.3	57.5

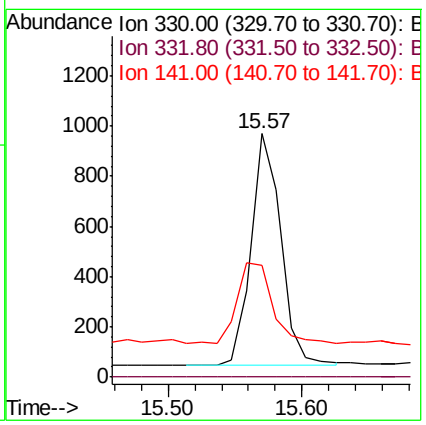


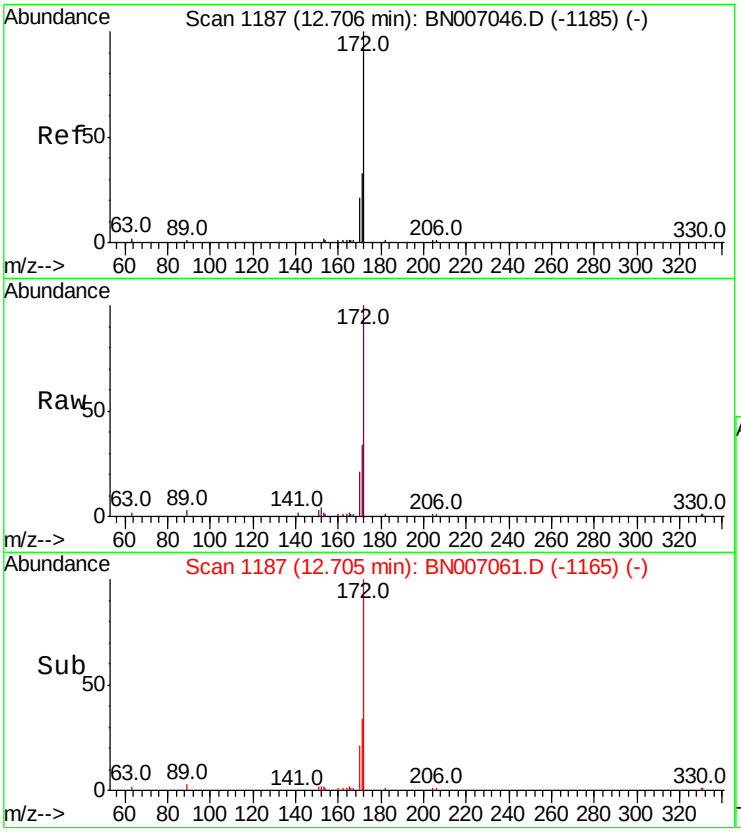


#13
2,4,6-Tribromophenol
Concen: 0.142 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:330 Resp: 1434

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.3	33.6	50.4



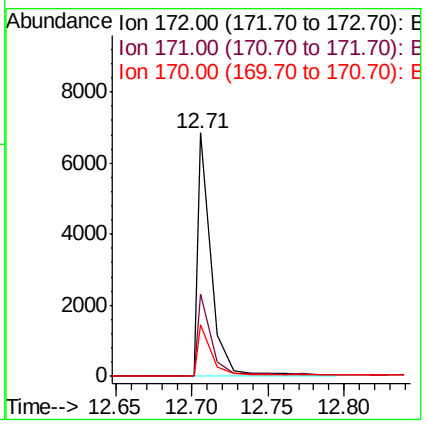


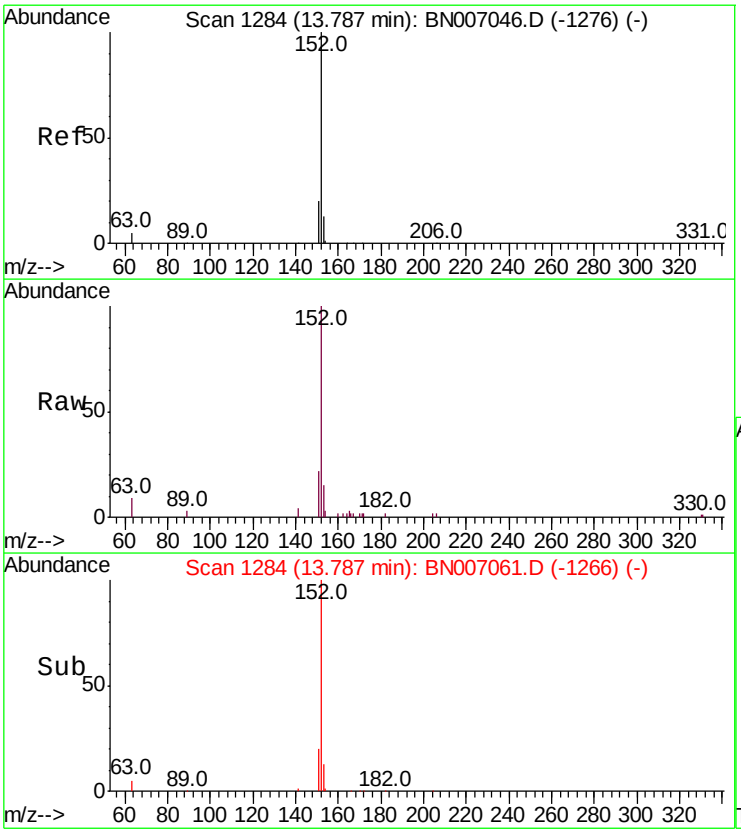
#14
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5047

Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.3	39.5
170	21.3	17.0	25.4

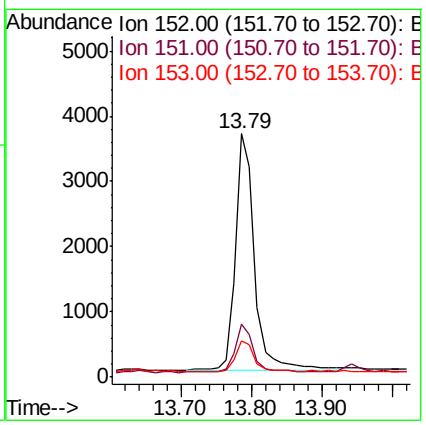


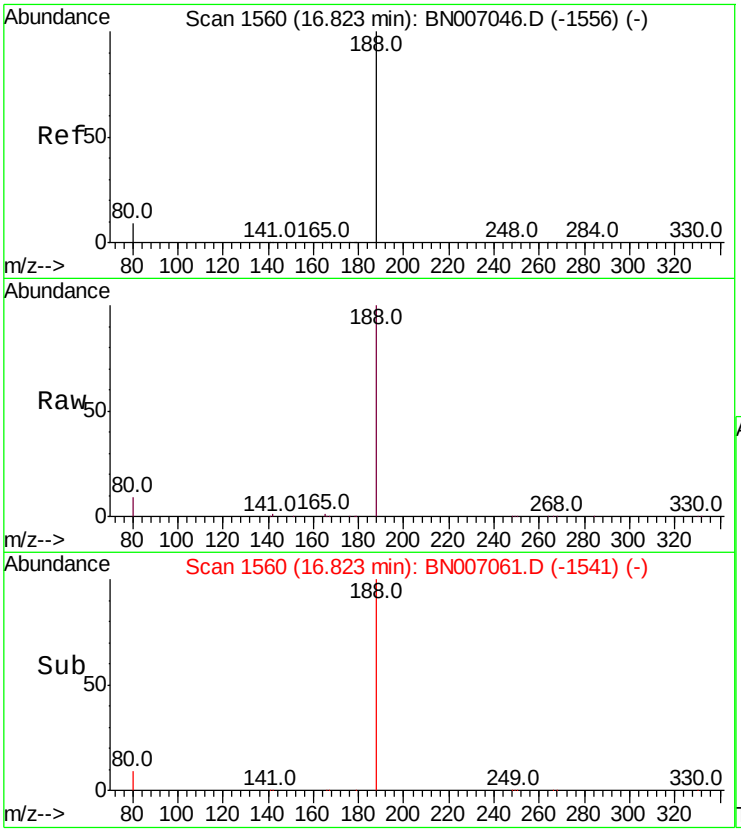


#15
Acenaphthylene
Concen: 0.070 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:152 Resp: 6829

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	12.6	10.4	15.6



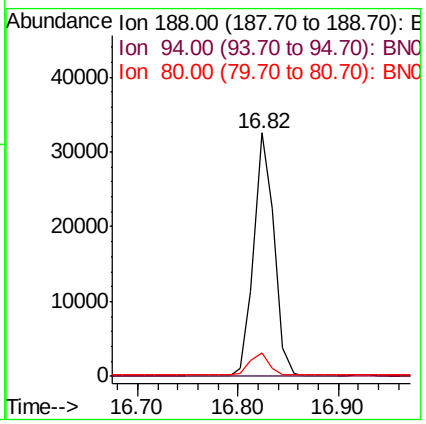


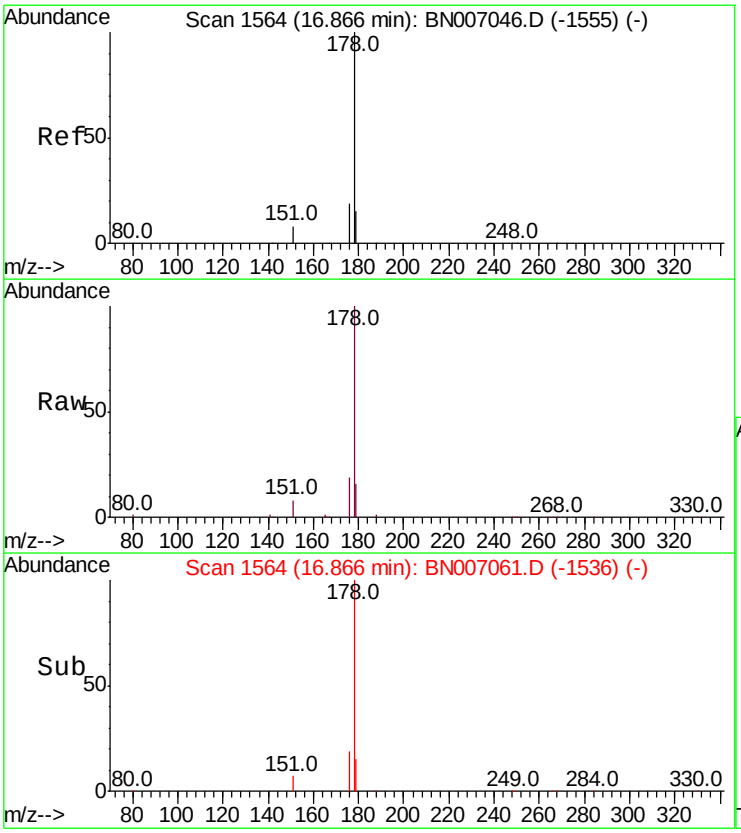
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 45458

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.8	11.6

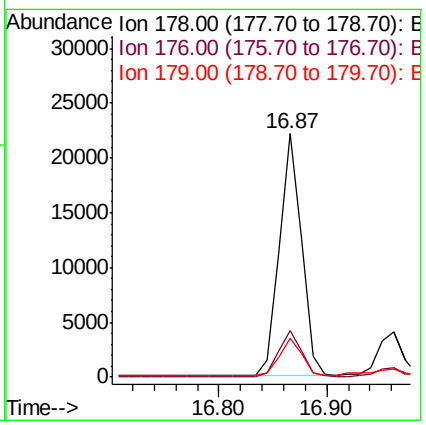


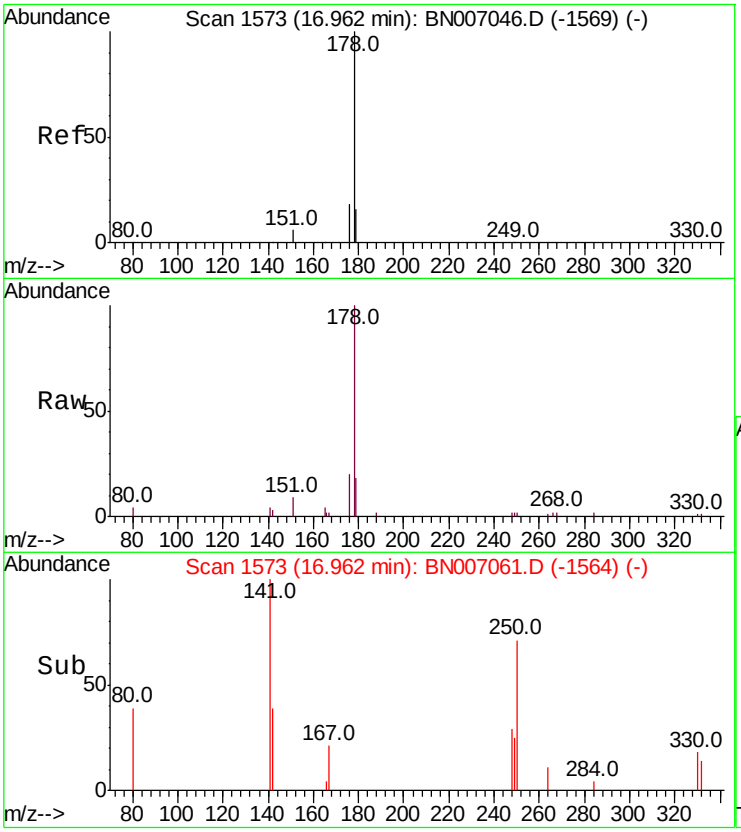


#22
Phenanthrene
Concen: 0.231 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:178 Resp: 31512

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.7	12.3	18.5



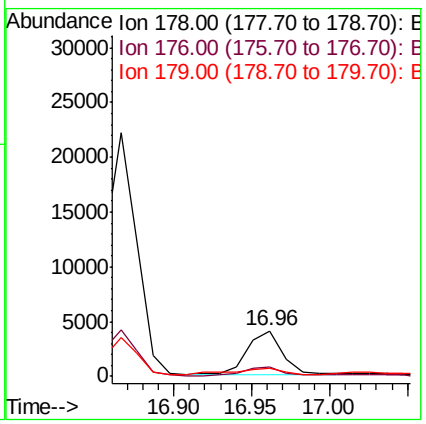


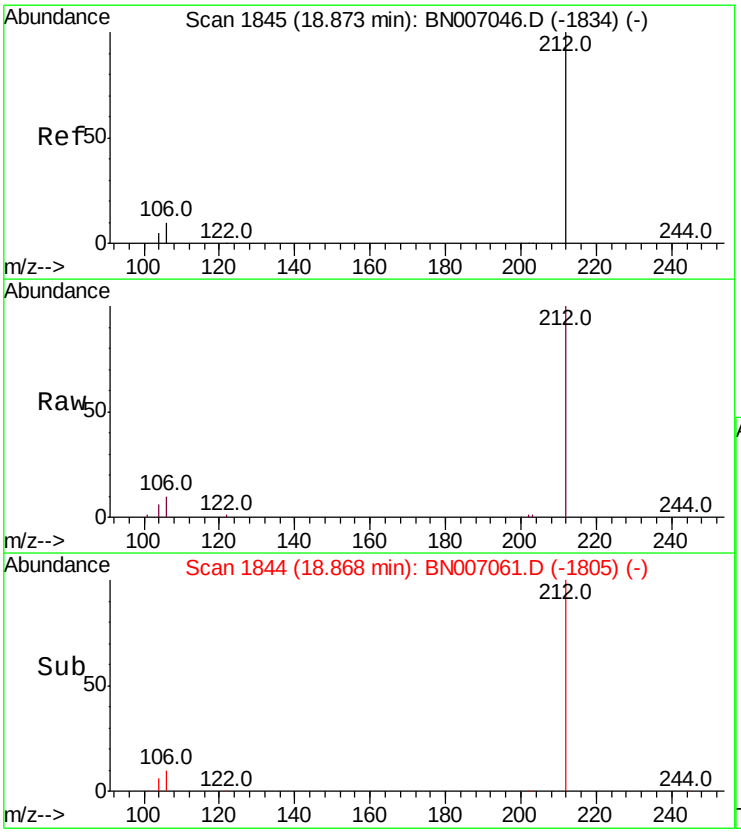
#23
Anthracene
Concen: 0.049 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 6141

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	19.5	12.5	18.7#

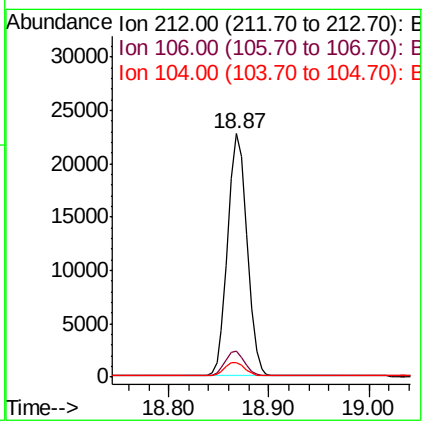


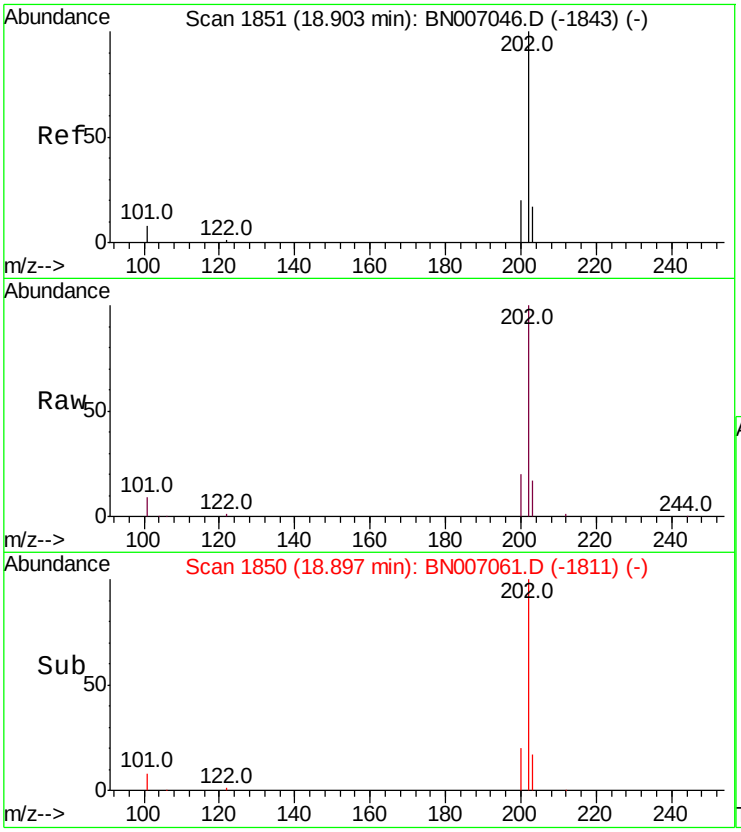


#24
Fluoranthene-d10
Concen: 0.187 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:212 Resp: 30124

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	5.8	4.5	6.7



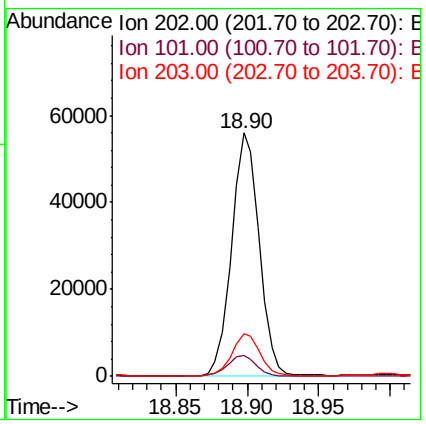


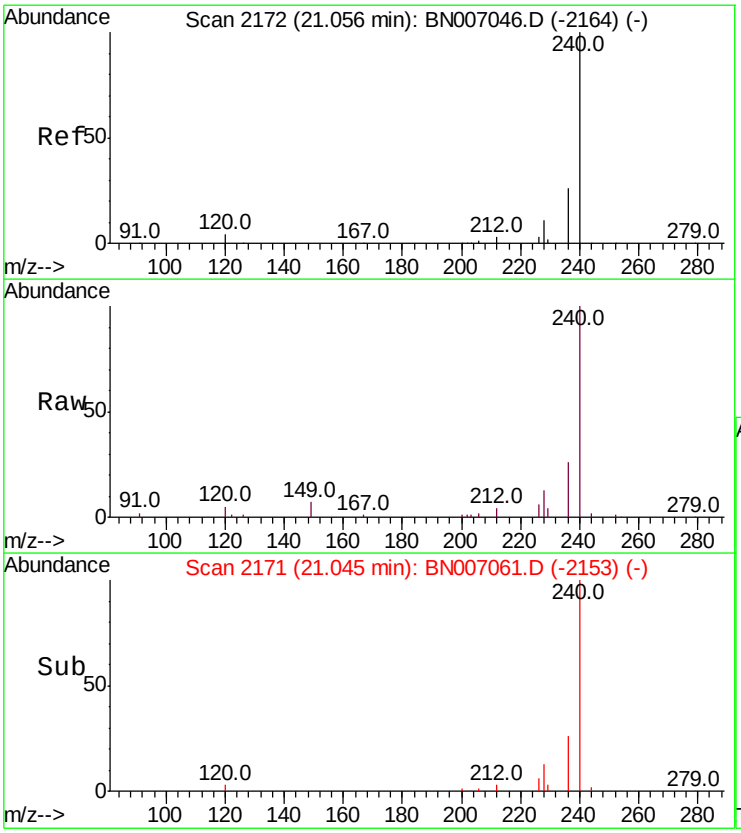
#25
Fluoranthene
Concen: 0.429 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 74675

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.4
203	17.4	13.8	20.8

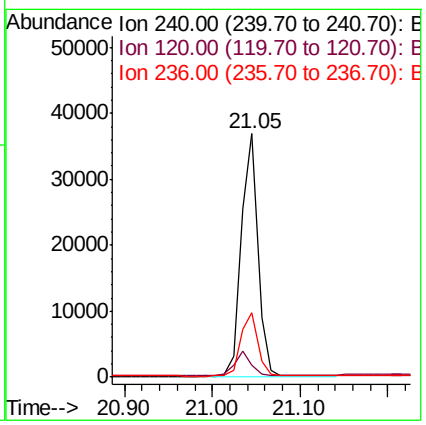


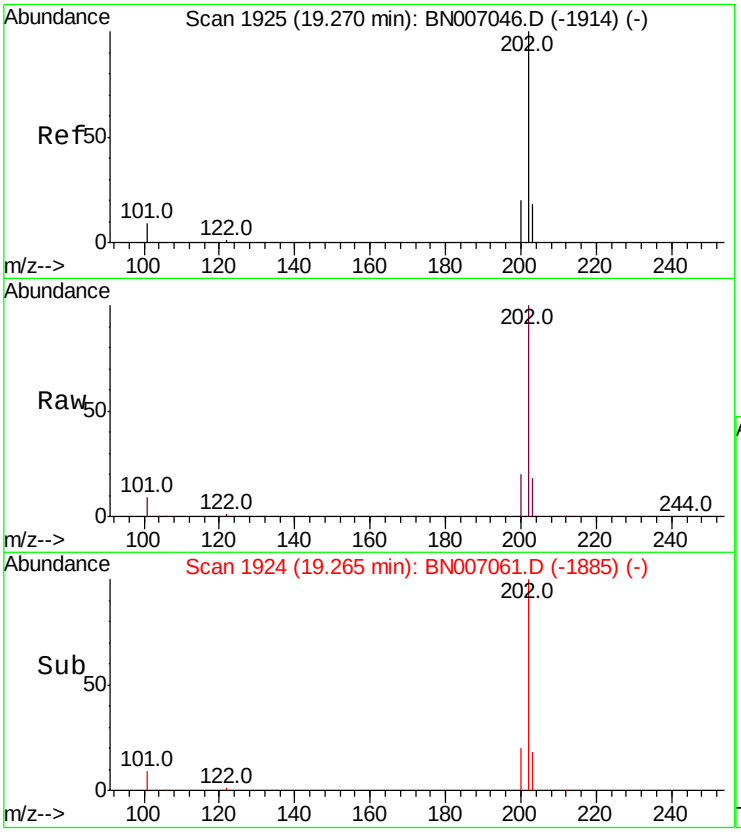


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:240 Resp: 48432

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.0	6.0
236	26.5	21.3	31.9



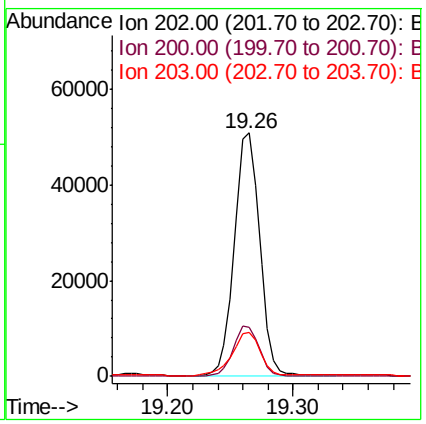


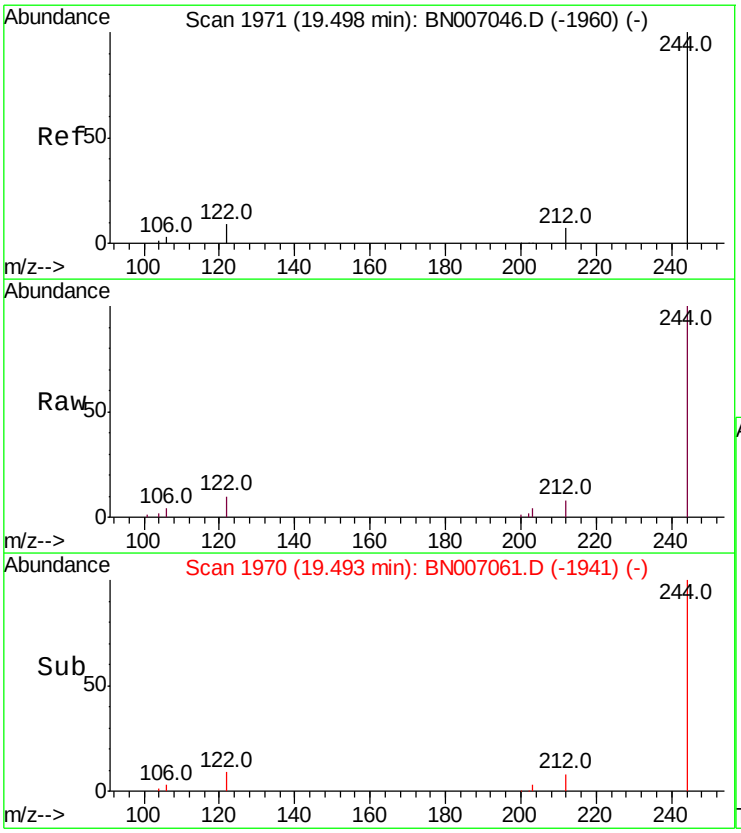
#27
Pyrene
Concen: 0.416 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 70684

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	20.2	14.0	21.0

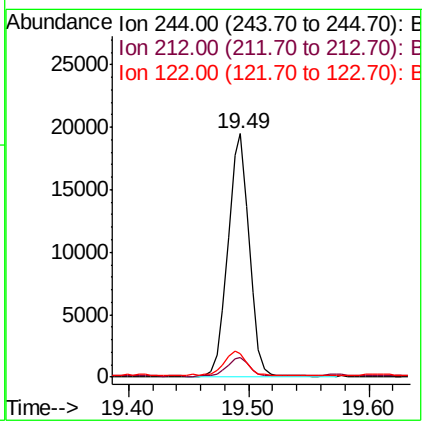


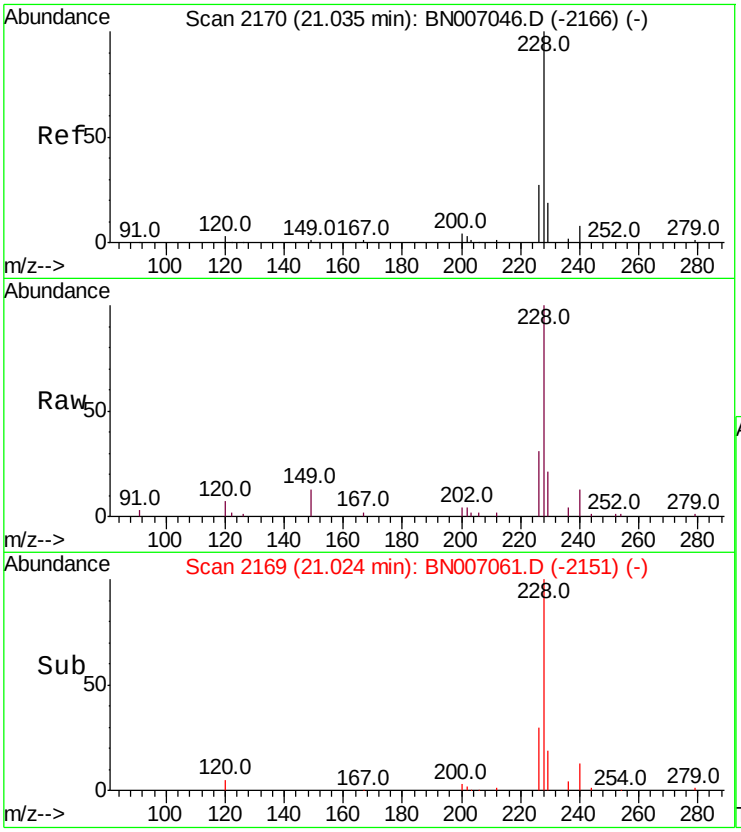


#28
Terphenyl-d14
Concen: 0.179 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:244 Resp: 23592

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	9.6	7.4	11.2



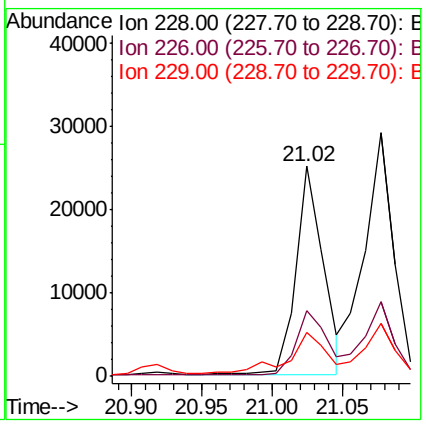


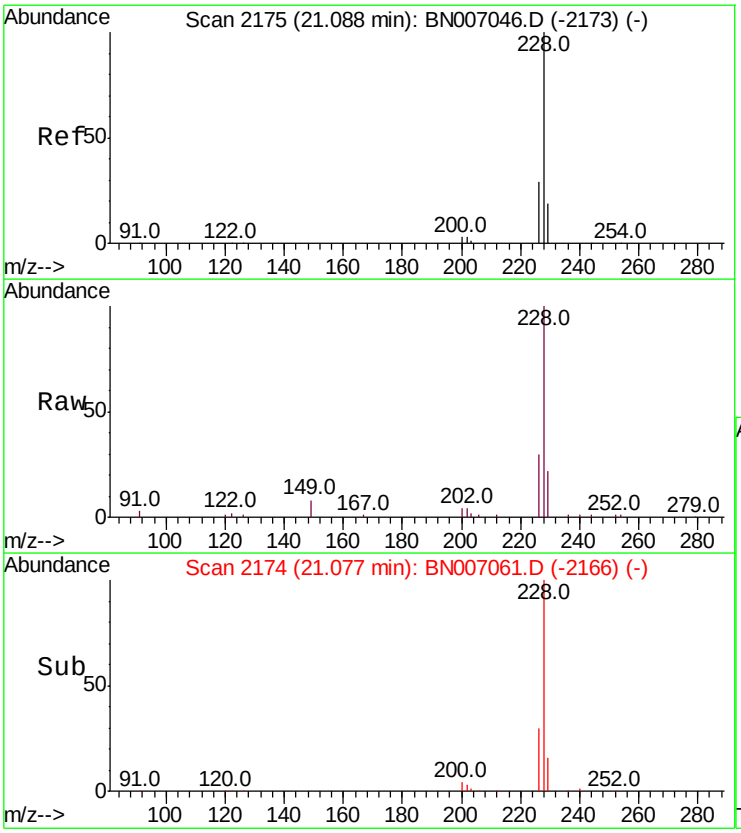
#29
Benzo(a)anthracene
Concen: 0.191 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 33796

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.8	32.6
229	21.1	15.6	23.4

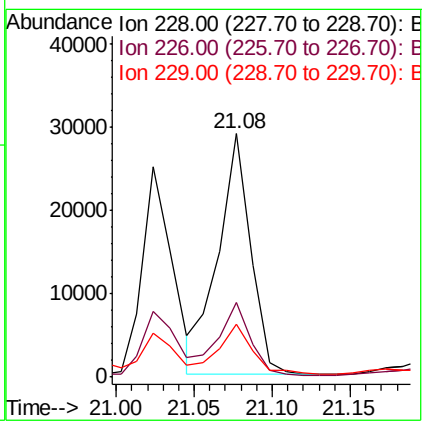


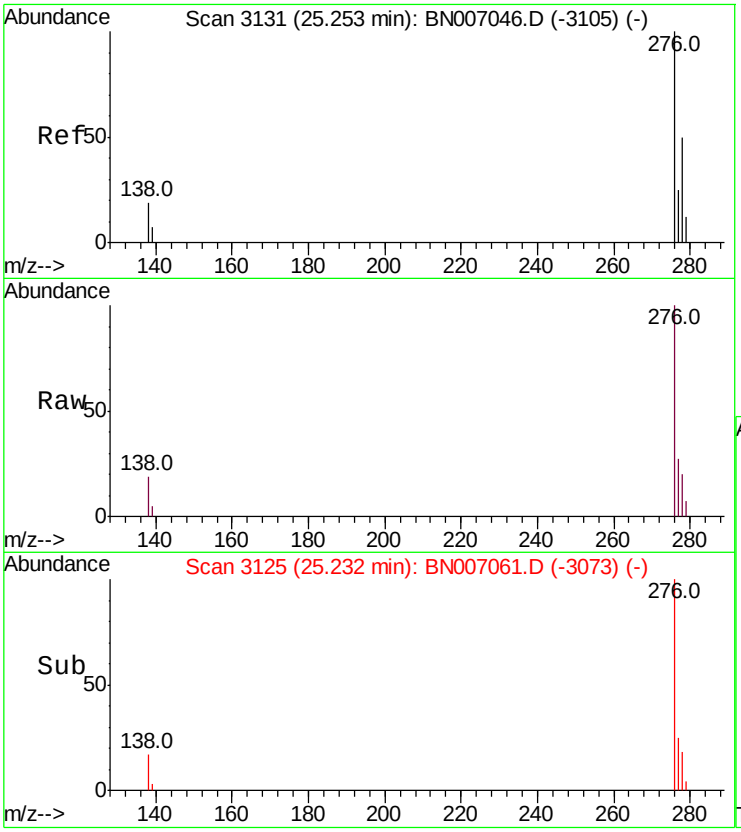


#30
Chrysene
Concen: 0.244 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:228 Resp: 42057

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	22.0	15.7	23.5



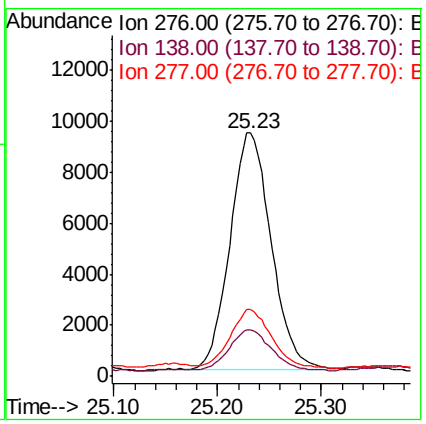


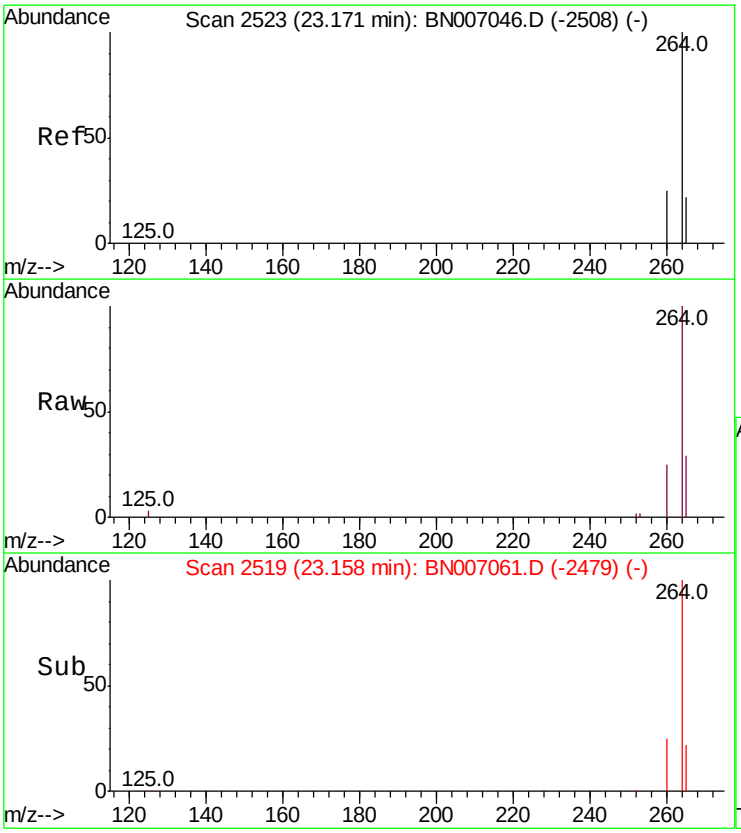
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 25615

Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.0	24.0
277	24.5	19.9	29.9

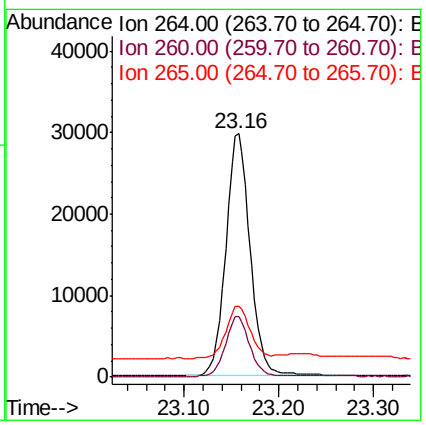


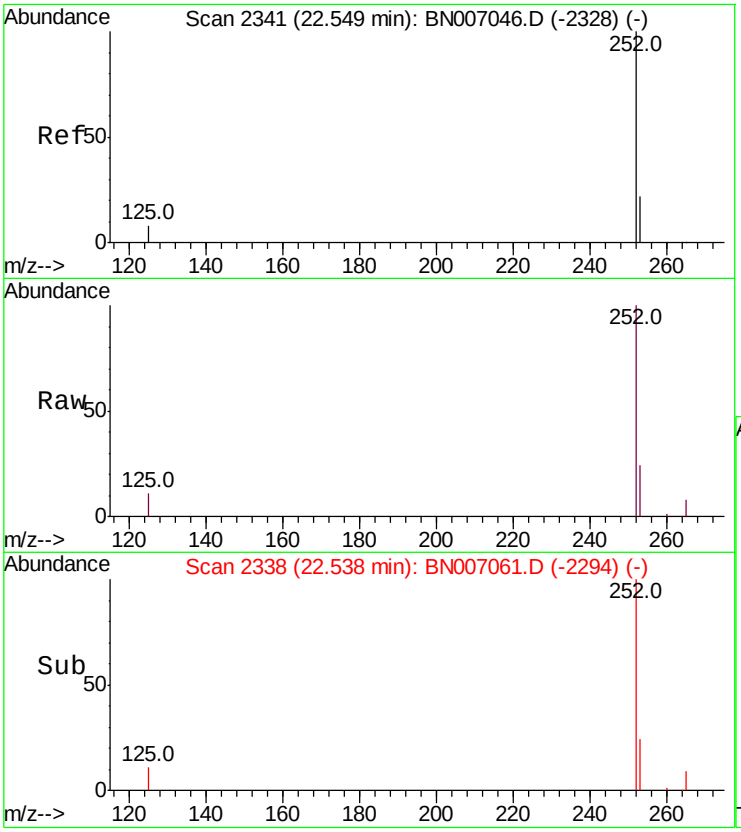


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:264 Resp: 53255

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	29.1	26.2	39.4



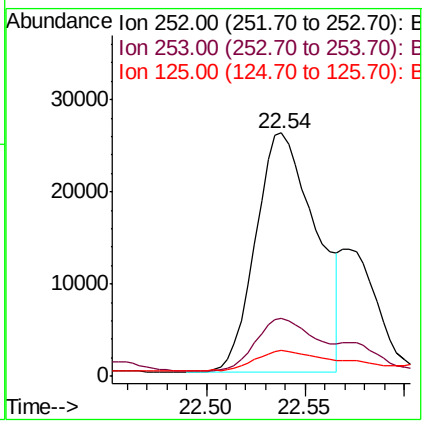


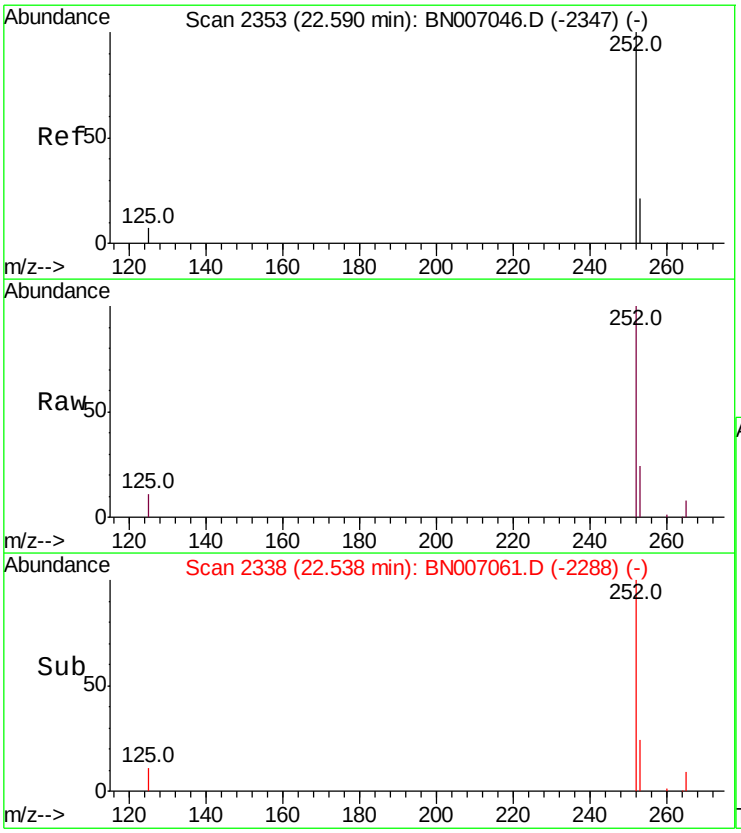
#33
Benzo(b)fluoranthene
Concen: 0.301 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 55007

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	10.6	7.4	11.0

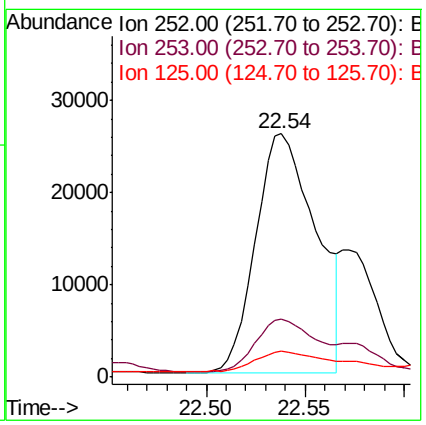


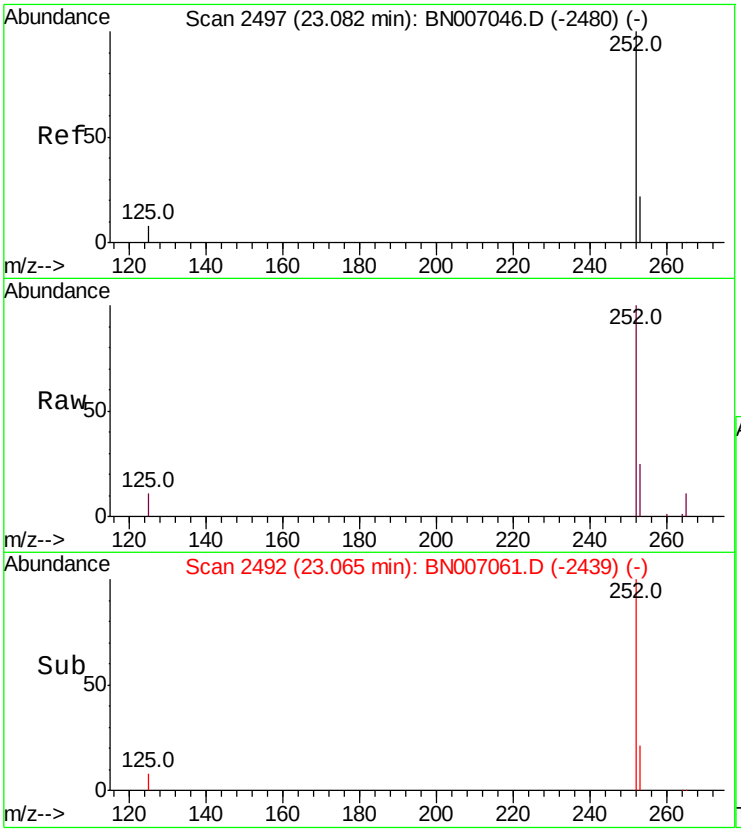


#34
Benzo(k)fluoranthene
Concen: 0.305 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.05 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:252 Resp: 55007

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	10.6	7.4	11.0



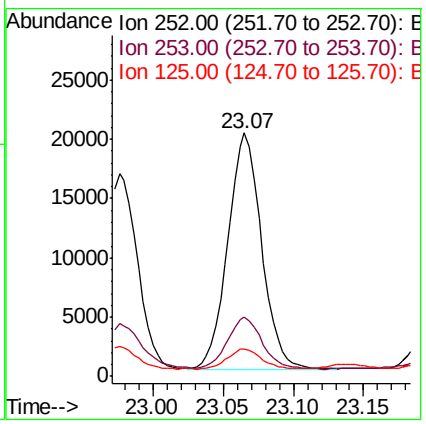


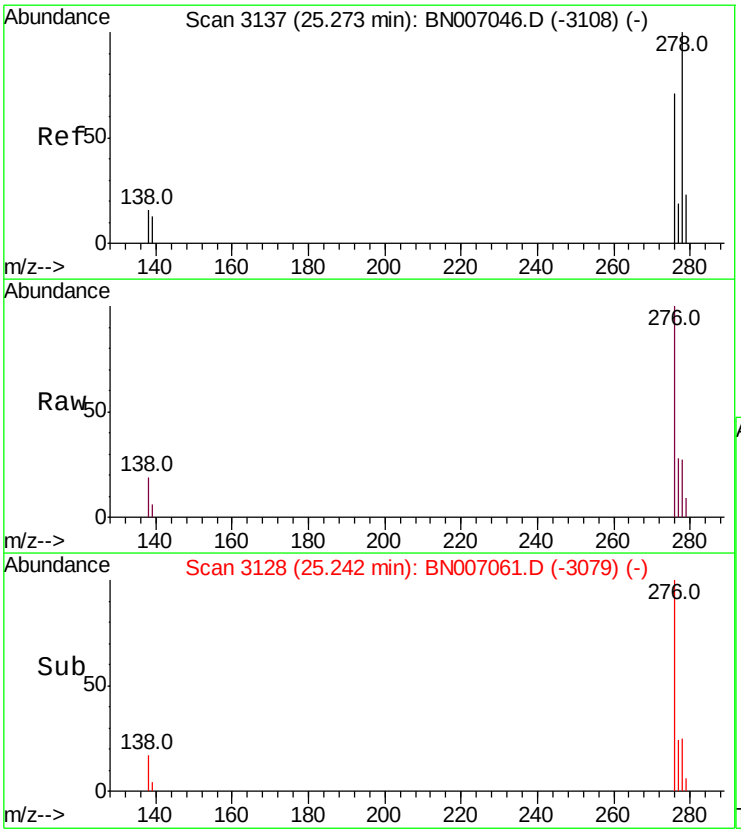
#35
Benzo(a)pyrene
Concen: 0.201 ng
RT: 23.07 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 33248

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	11.1	8.2	12.4

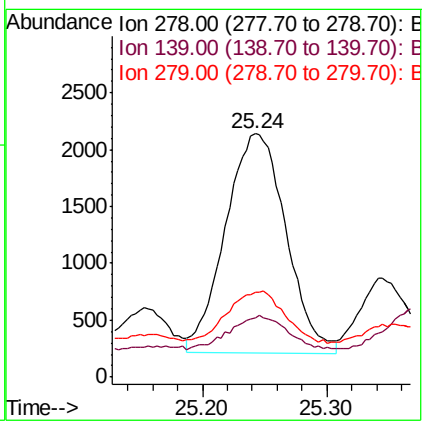


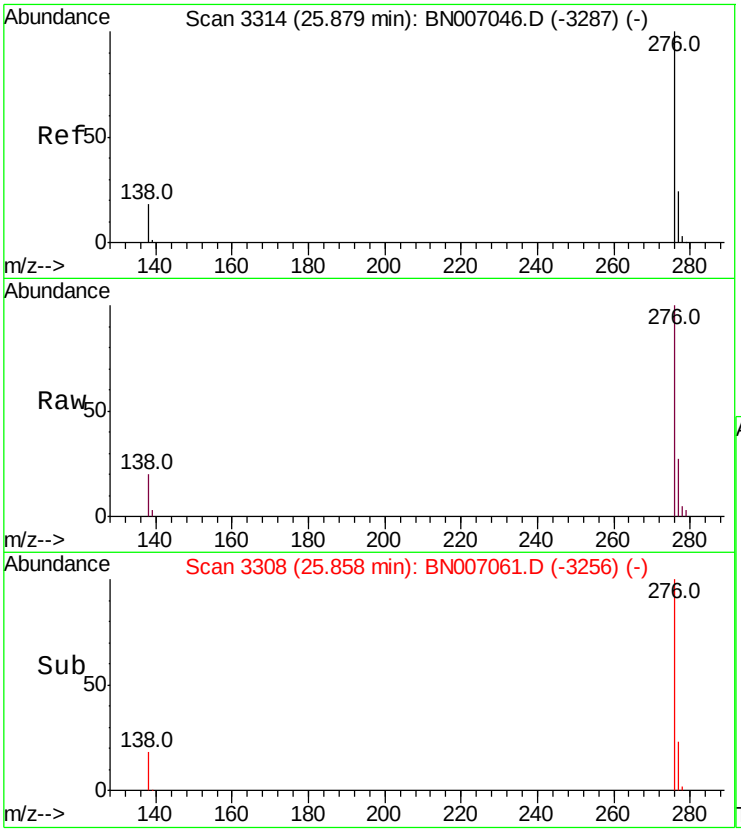


#36
Dibenzo(a,h)anthracene
Concen: 0.039 ng
RT: 25.24 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Tgt Ion:278 Resp: 6522

Ion	Ratio	Lower	Upper
278	100		
139	24.2	11.3	16.9#
279	34.8	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.157 ng
RT: 25.86 min Scan# 3308
Delta R.T. -0.02 min
Lab File: BN007061.D
Acq: 10 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 26610

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.8	29.8
138	19.9	14.6	22.0