Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007121.D
Acq On : 13 Aug 2019 08:43
Operator : HP/JU
Sample : K4239-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 13 12:15:01 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	9945	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	38827	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	23282	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	50826	0.40	ng		0.00
26) Chrysene-d12	21.05	240	51504	0.40	ng		-0.01
32) Perylene-d12	23.16	264	64271	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	6240	0.26	ng		0.00
4) Phenol-d6	6.62	99	8355	0.28	ng		0.00
7) Nitrobenzene-d5	8.56	82	7233	0.23	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	14279	0.20	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	2646	0.21	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	3377	0.10	ng		0.00
24) Fluoranthene-d10	18.79	212	7355	0.04	ng		-0.08
28) Terphenyl-d14	19.49	244	25541	0.18	ng		0.00
Target Compounds							Qvalue
8) Naphthalene	10.24	128	72339	0.664	ng		99
11) 2-Methylnaphthalene	11.87	142	78536	1.018	ng		98
15) Acenaphthylene	13.79	152	556061	4.569	ng		99
16) Acenaphthene	14.13	154	87623	1.124	ng		97
17) Fluorene	15.13	166	202532	1.736	ng		86
22) Phenanthrene	16.87	178	3318451	21.786	ng		99
23) Anthracene	16.96	178	731369	5.255	ng		97
25) Fluoranthene	18.90	202	4702434	24.134	ng		98
27) Pyrene	19.27	202	5356659	29.657	ng	#	95
29) Benzo(a)anthracene	21.09	228	3060996	16.251	ng		94
30) Chrysene	21.09	228	3052453	16.680	ng		97
31) Indeno(1,2,3-cd)pyrene	25.25	276	1828252	9.064	ng		98
33) Benzo(b)fluoranthene	22.55	252	3478485	15.783	ng		99
34) Benzo(k)fluoranthene	22.55	252	3478485	15.981	ng		99
35) Benzo(a)pyrene	23.08	252	2693062	13.479	ng		99
36) Dibenzo(a,h)anthracene	25.25	278	507847	2.548	ng	#	92
37) Benzo(g,h,i)perylene	25.88	276	1915538	9.341	ng		99

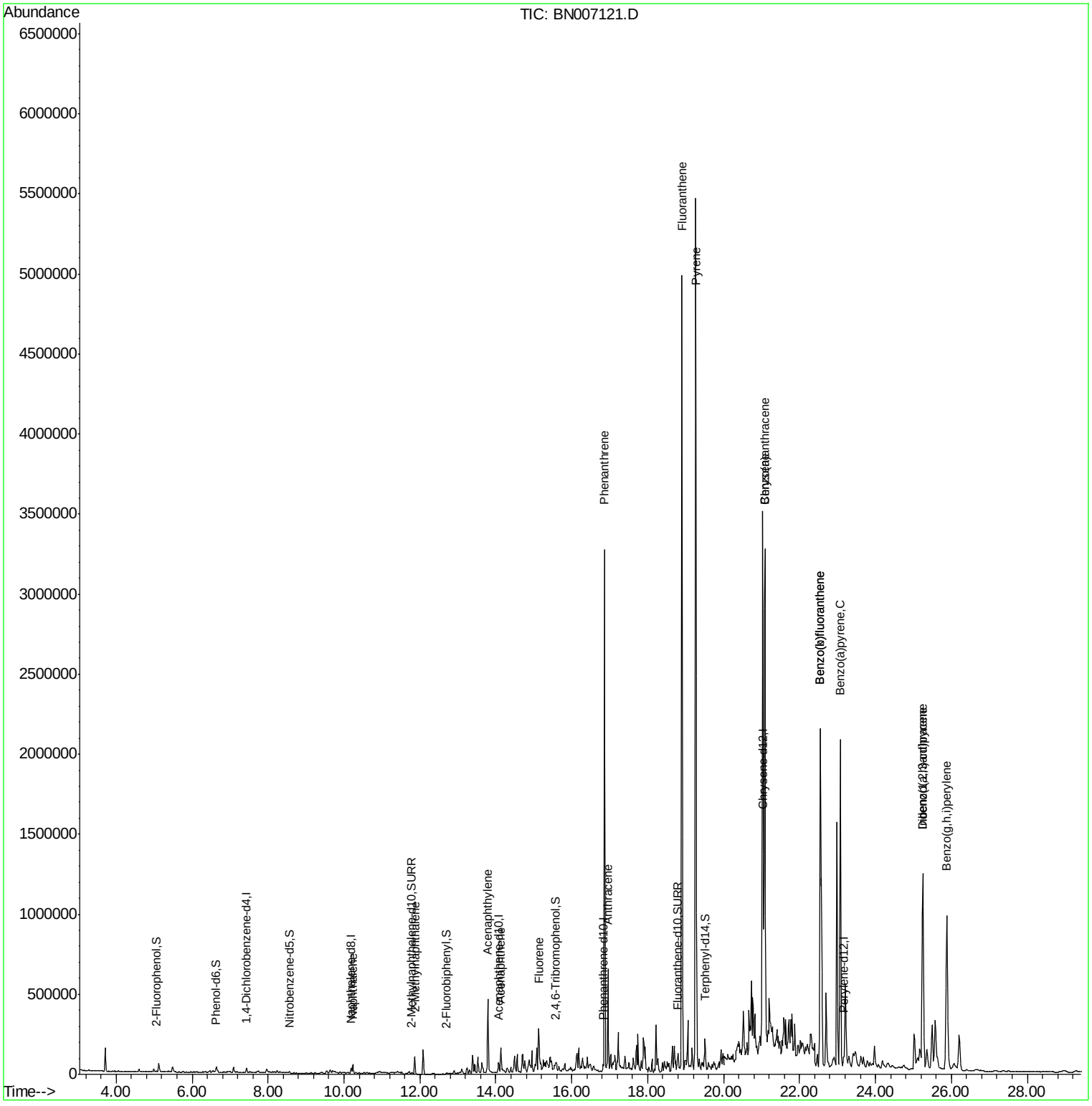
(#) = qualifier out of range (m) = manual integration (+) = signals summed

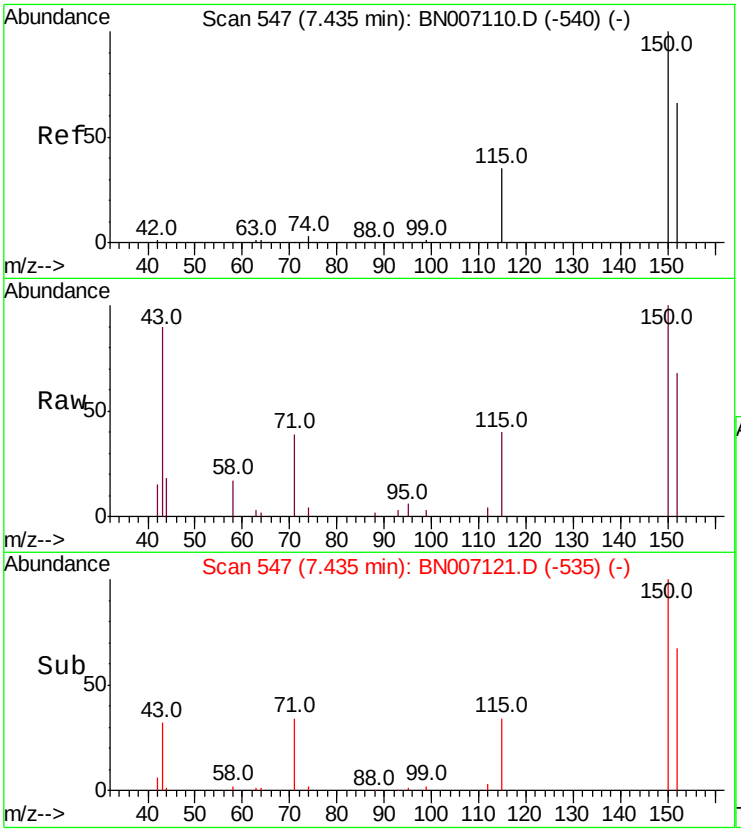
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007121.D
Acq On : 13 Aug 2019 08:43
Operator : HP/JU
Sample : K4239-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 13 12:15:01 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



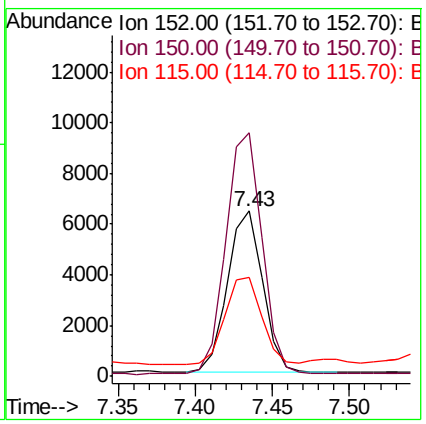


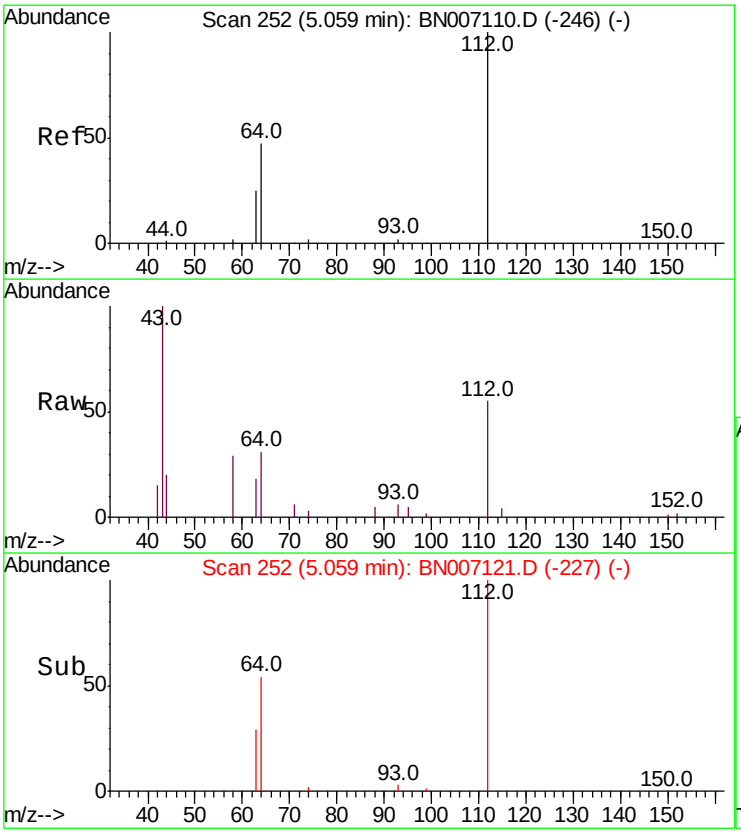
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9945

Ion	Ratio	Lower	Upper
152	100		
150	147.2	121.7	182.5
115	59.6	46.2	69.4

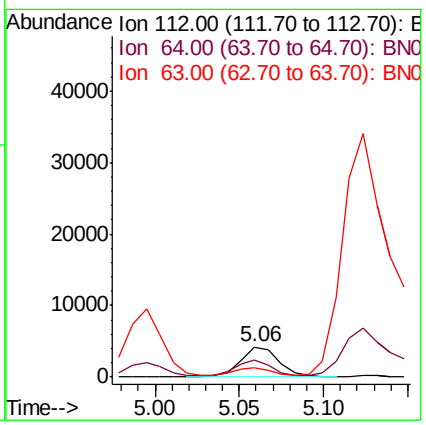


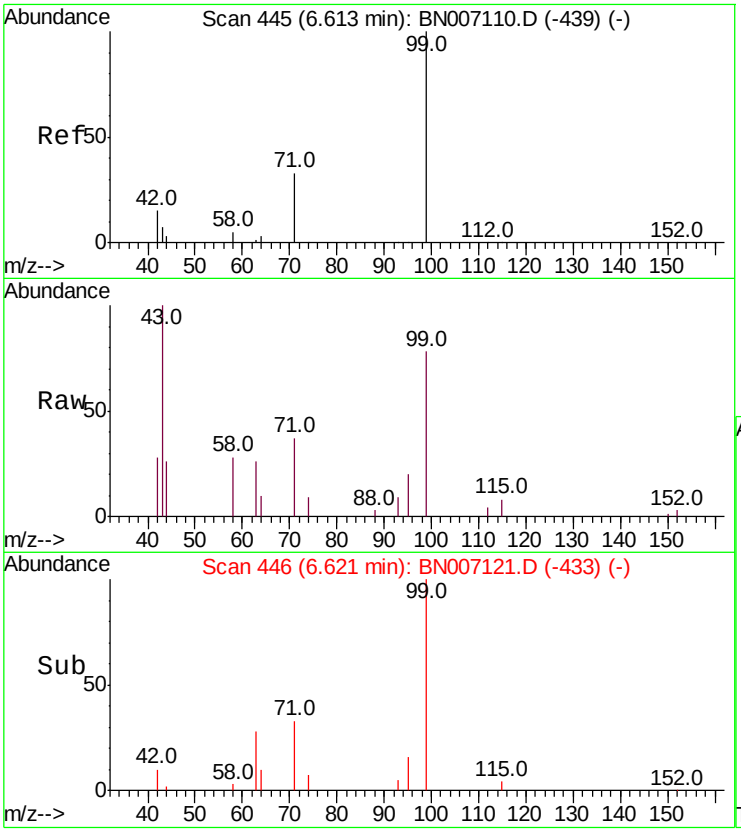


#3
2-Fluorophenol
Concen: 0.261 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:112 Resp: 6240

Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.6	63.8
63	0.0	22.2	33.2#



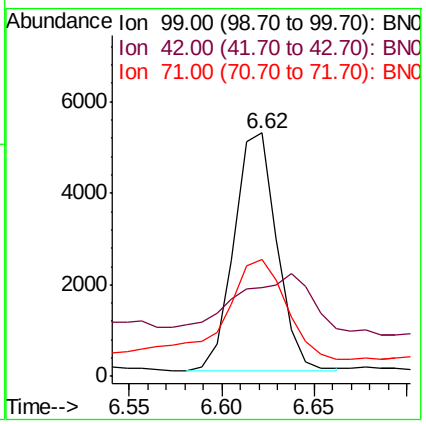


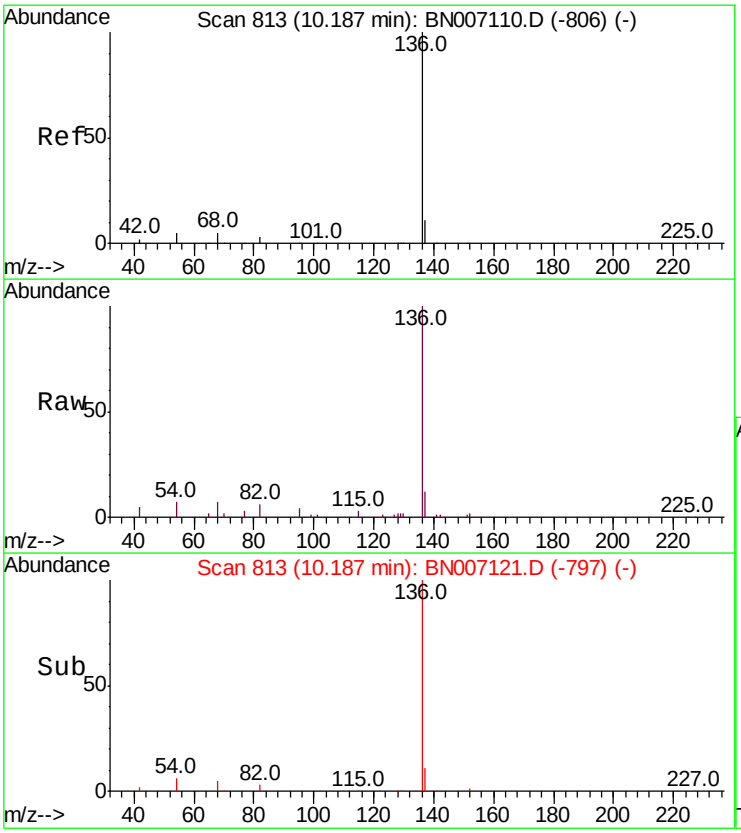
#4
Phenol-d6
Concen: 0.282 ng
RT: 6.62 min Scan# 446
Delta R.T. 0.01 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8355

Ion	Ratio	Lower	Upper
99	100		
42	47.9	15.8	23.6#
71	61.3	27.0	40.4#

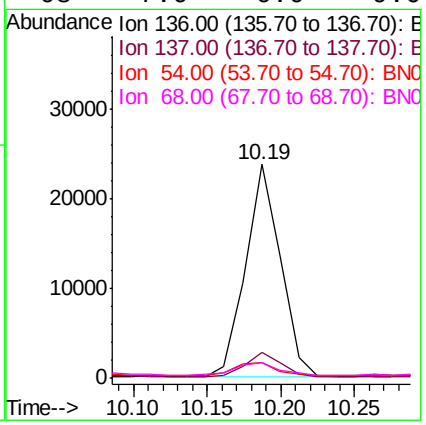


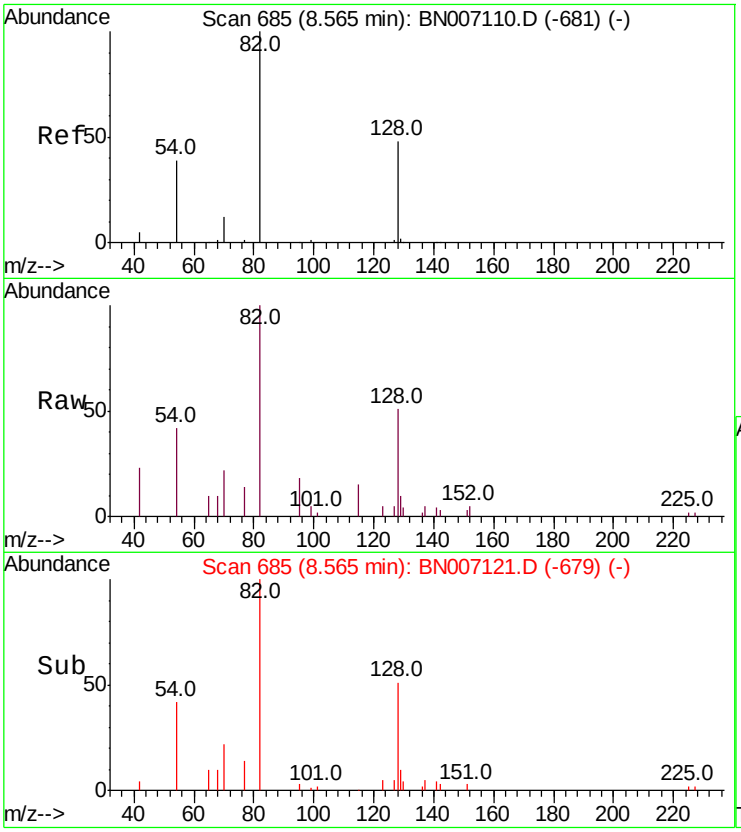


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:136 Resp: 38827

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	7.0	6.6	9.8
68	7.0	6.0	9.0



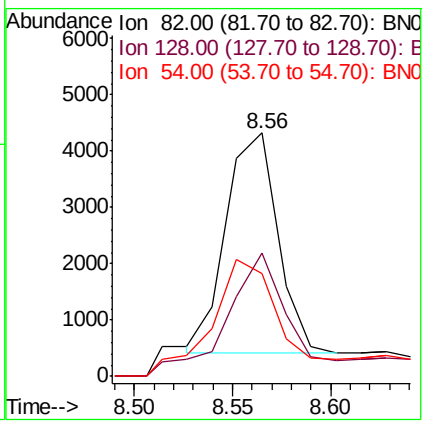


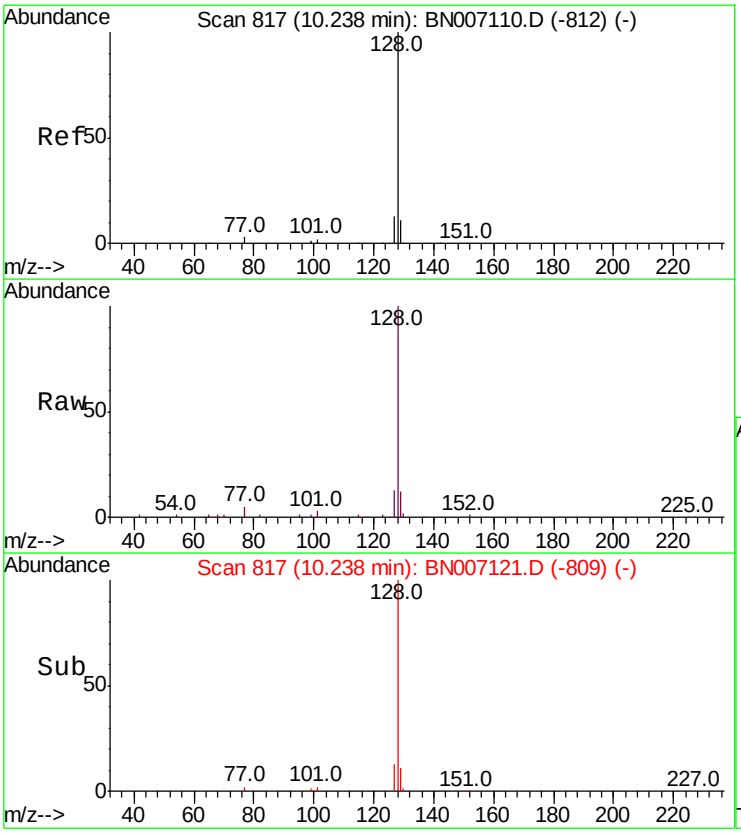
#7
Nitrobenzene-d5
Concen: 0.231 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 7233

Ion	Ratio	Lower	Upper
82	100		
128	50.8	34.6	51.8
54	42.1	36.2	54.4

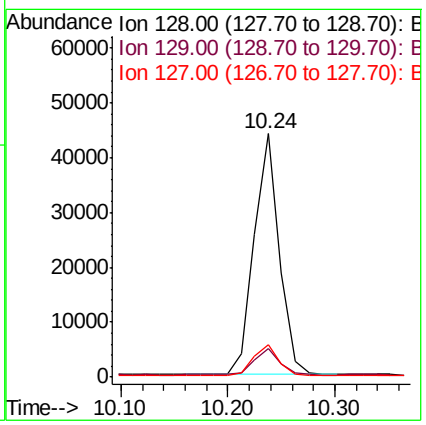


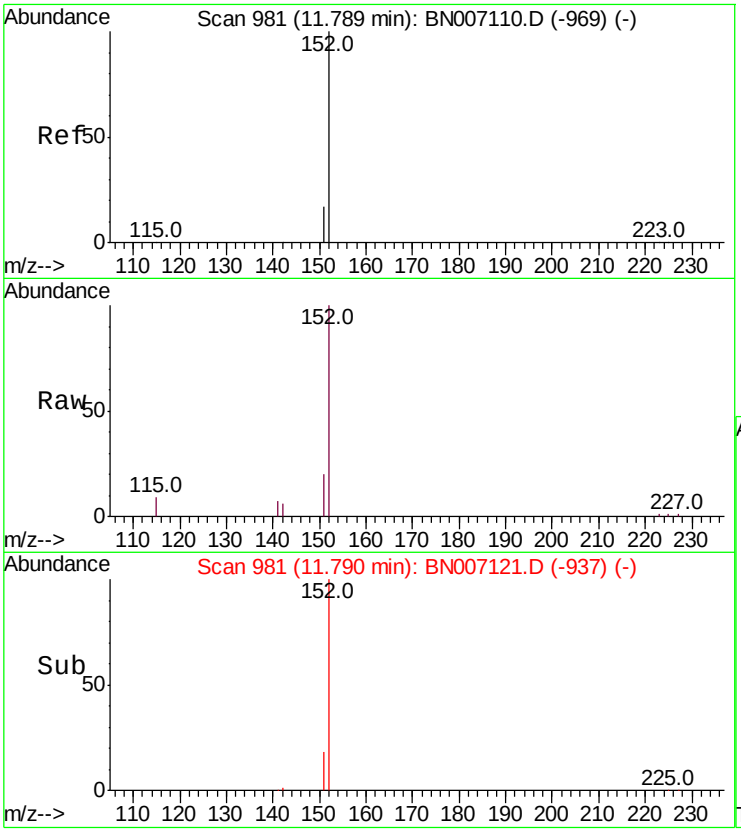


#8
Naphthalene
Concen: 0.664 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:128 Resp: 72339

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.3	11.0	16.6



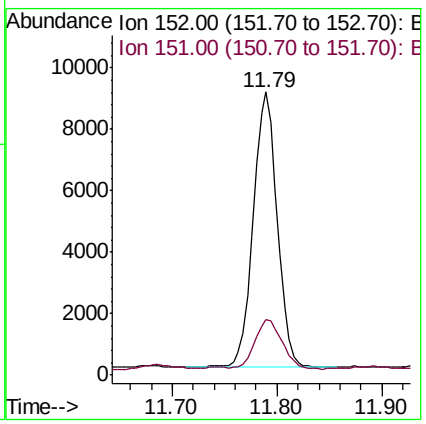


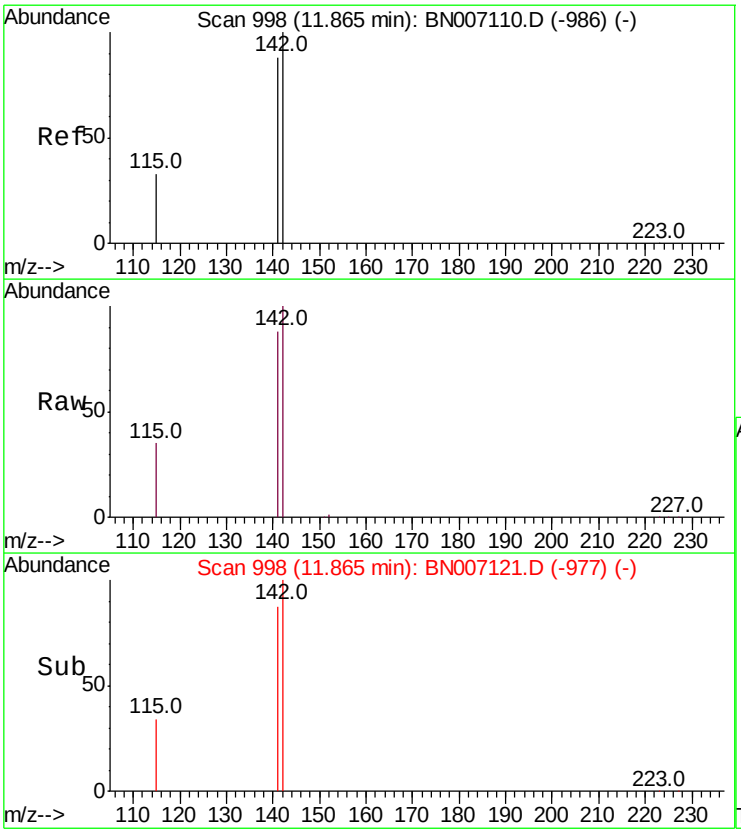
#10
2-Methylnaphthalene-d10
Concen: 0.197 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 14279

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.5	23.3

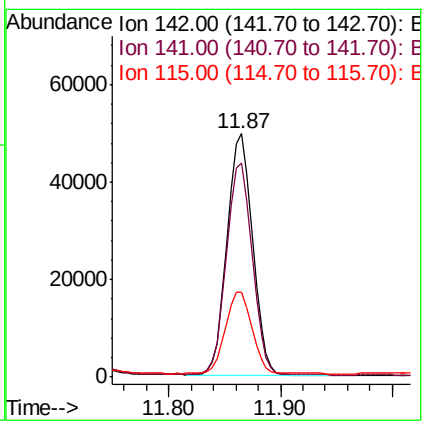


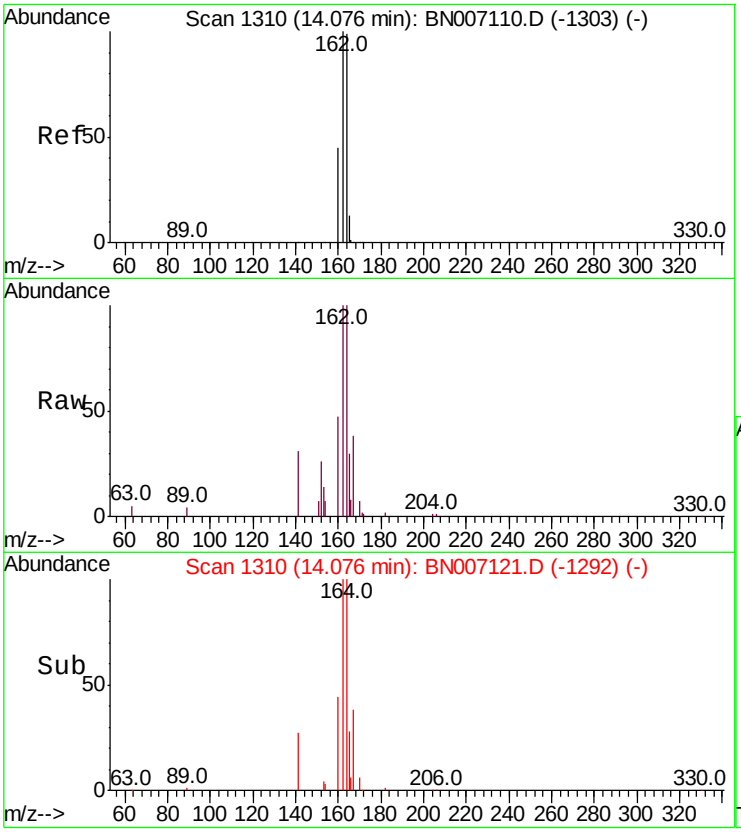


#11
2-Methylnaphthalene
Concen: 1.018 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:142 Resp: 78536

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.0	103.6
115	35.1	27.1	40.7



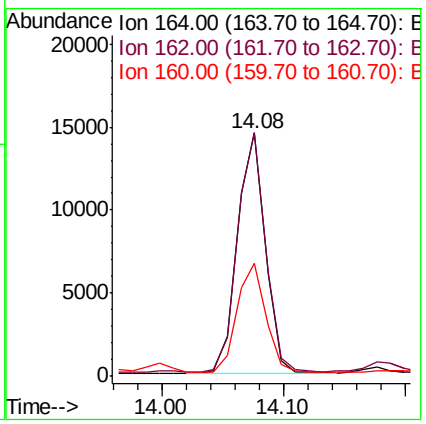


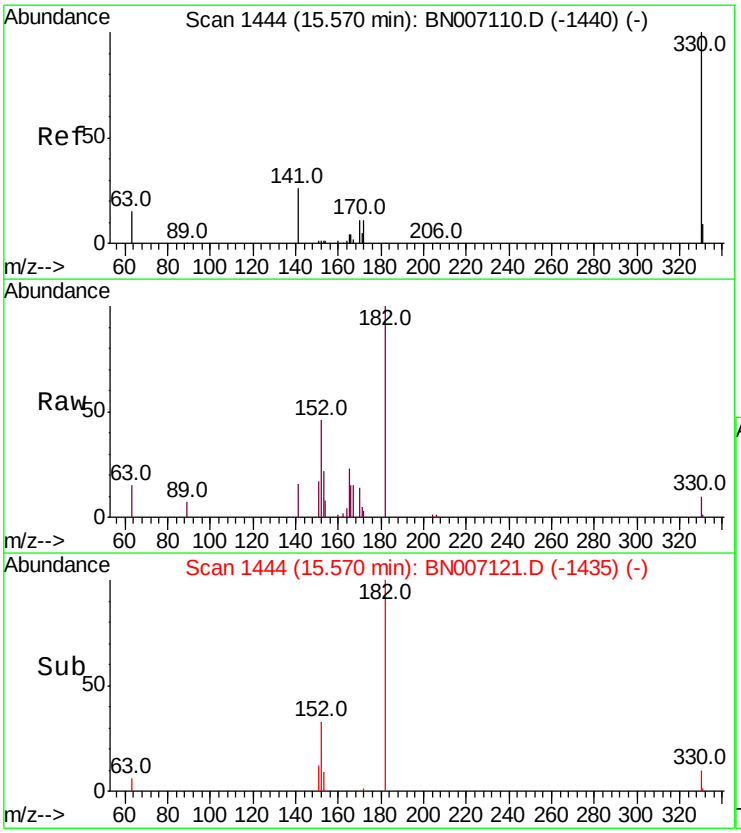
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 23282

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.2	123.4
160	46.7	38.3	57.5

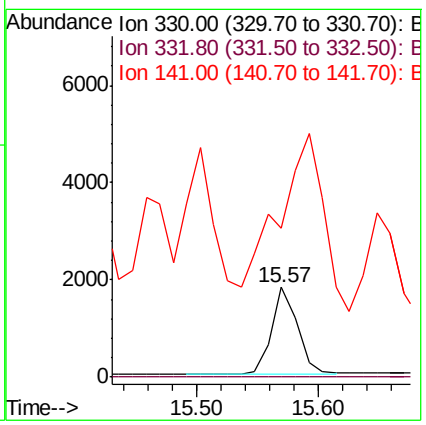


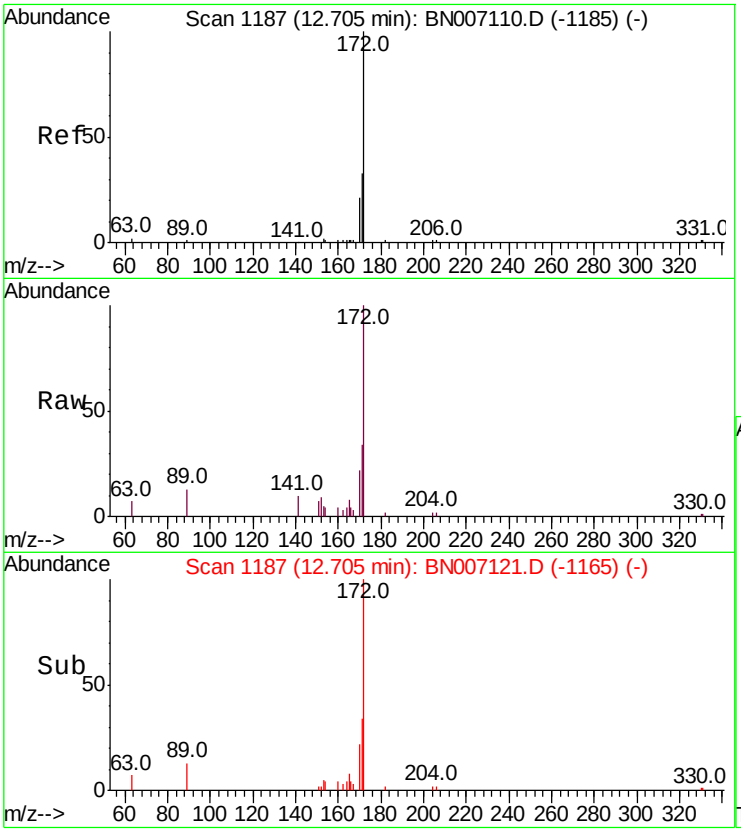


#13
2,4,6-Tribromophenol
Concen: 0.211 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:330 Resp: 2646

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



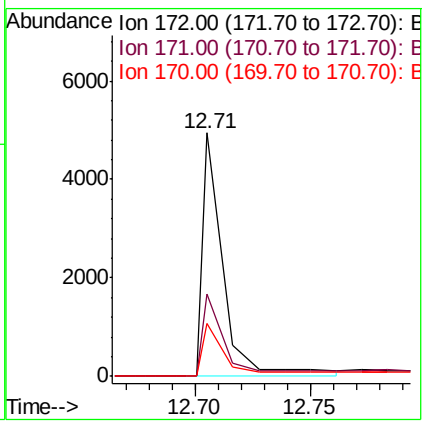


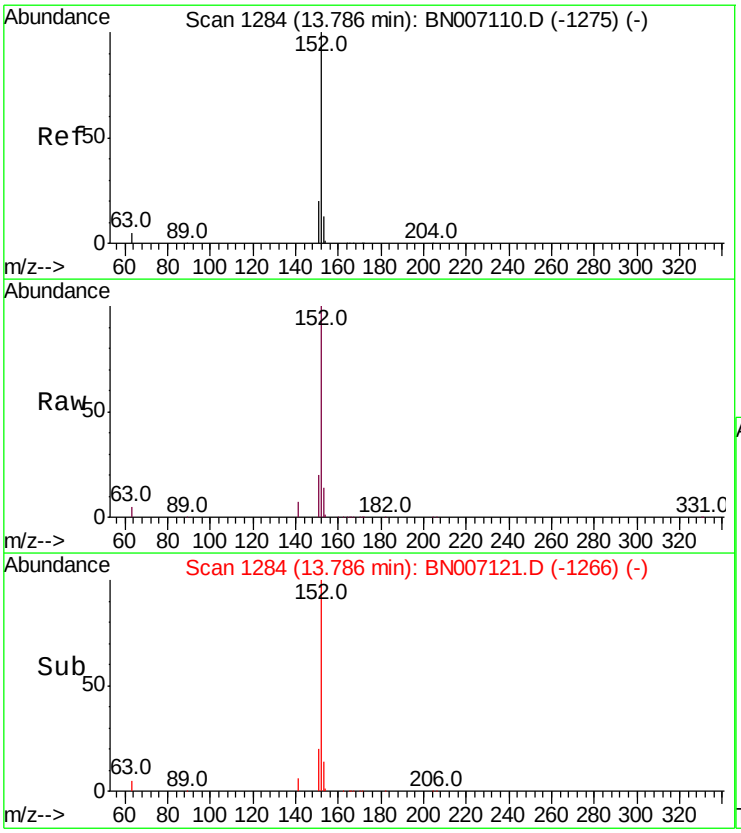
#14
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3377

Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.3	39.5
170	21.5	17.0	25.4

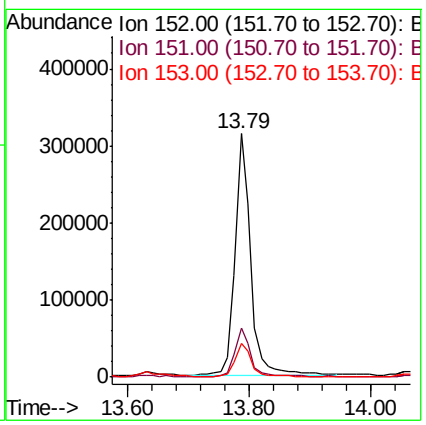


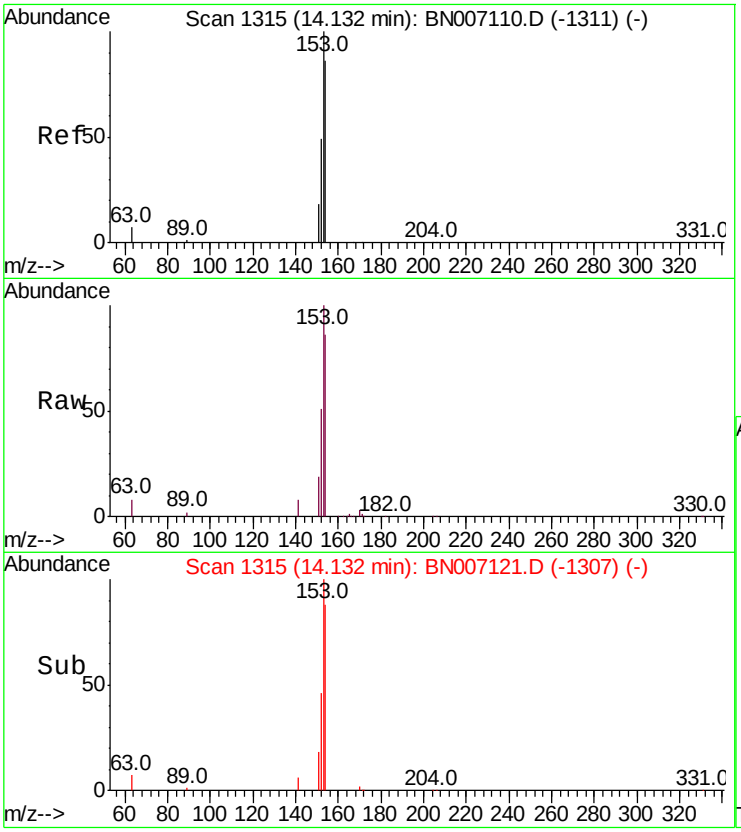


#15
Acenaphthylene
Concen: 4.569 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:152 Resp: 556061

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.8	10.4	15.6



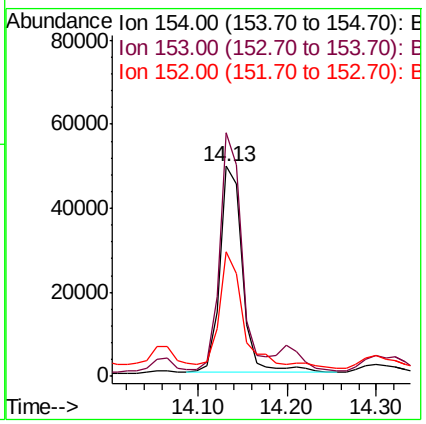


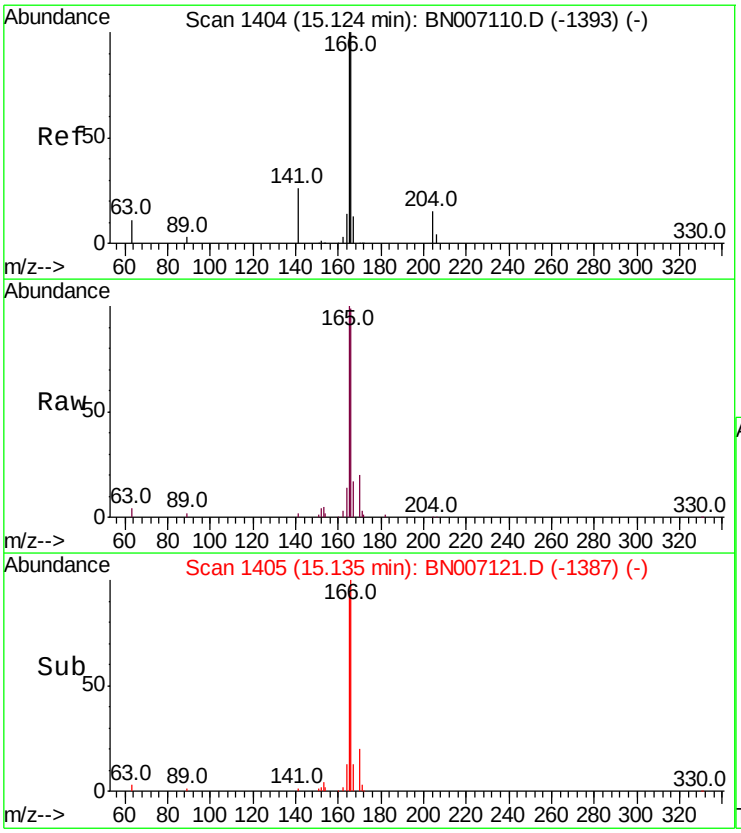
#16
Acenaphthene
Concen: 1.124 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 87623

Ion	Ratio	Lower	Upper
154	100		
153	109.3	89.5	134.3
152	51.9	44.8	67.2

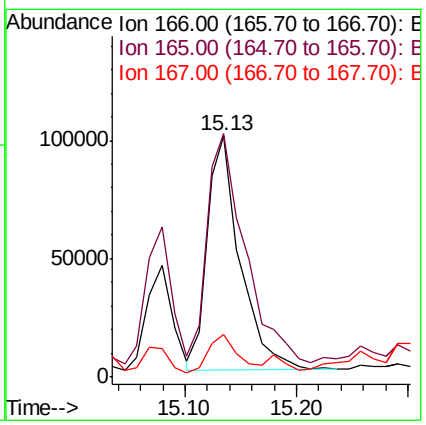


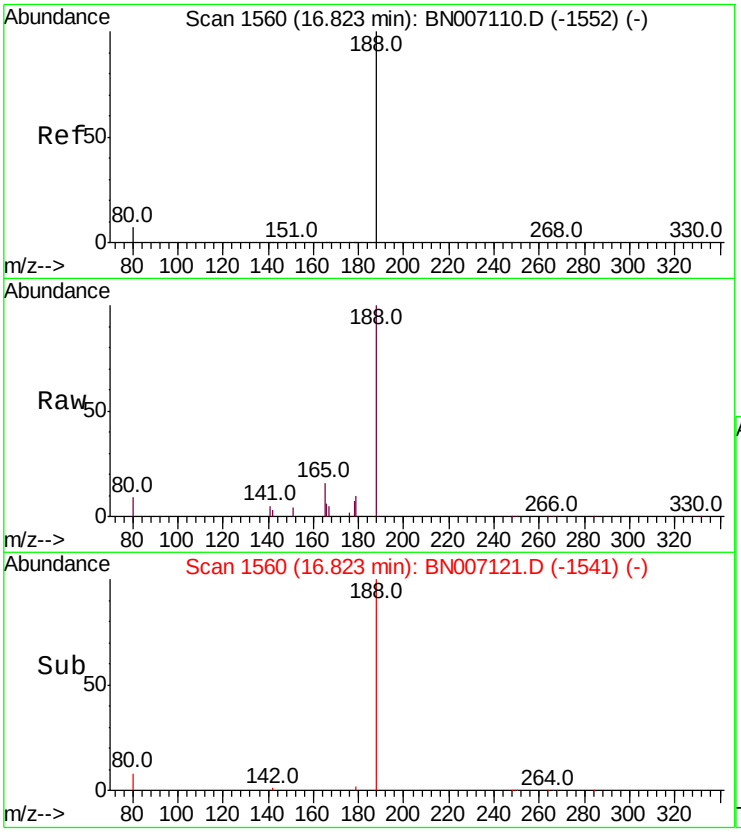


#17
Fluorene
Concen: 1.736 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:166 Resp: 202532

Ion	Ratio	Lower	Upper
166	100		
165	112.9	77.9	116.9
167	15.7	10.9	16.3



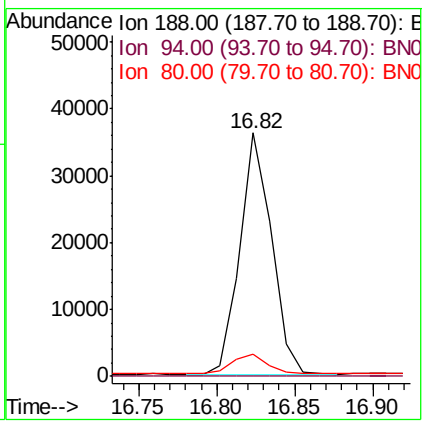


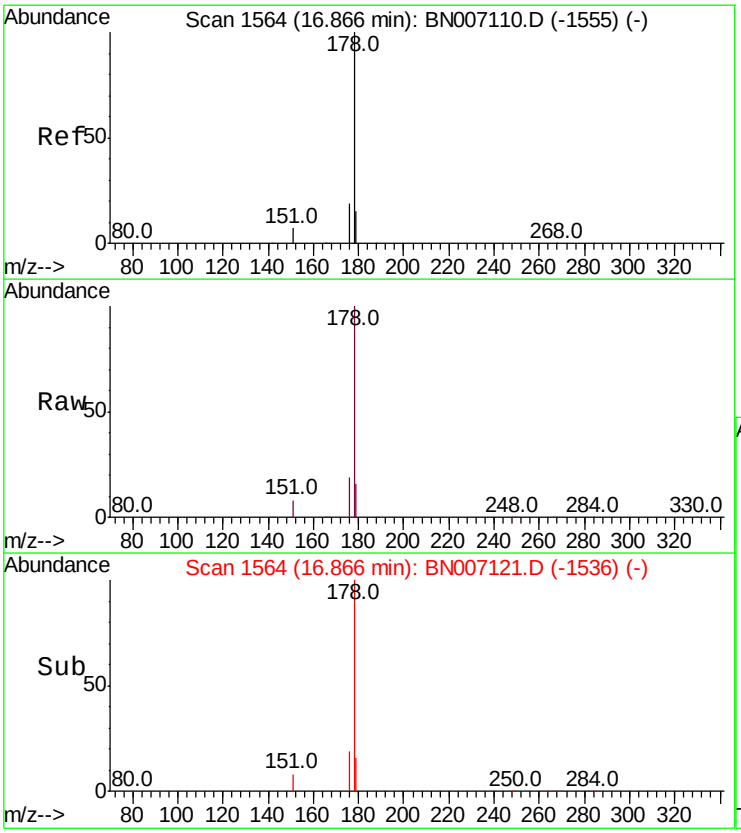
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 50826

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.8	11.6

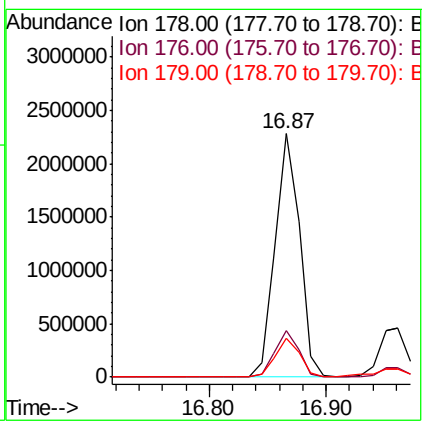


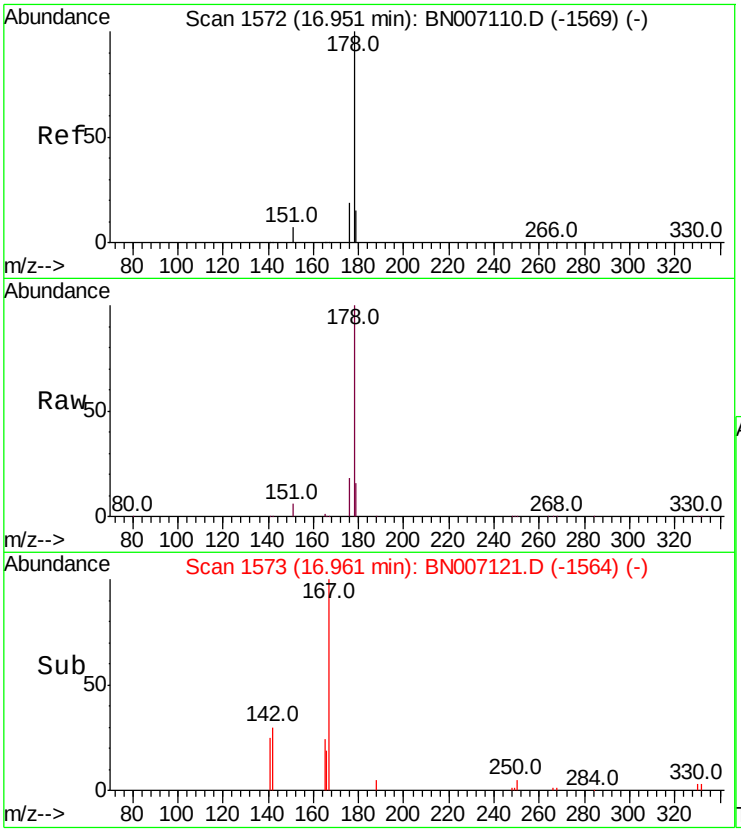


#22
Phenanthrene
Concen: 21.786 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:178 Resp: 3318451

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	16.1	12.3	18.5



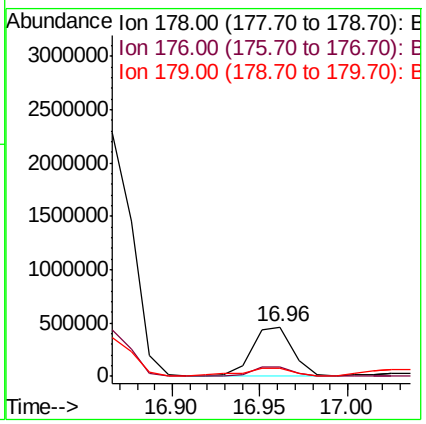


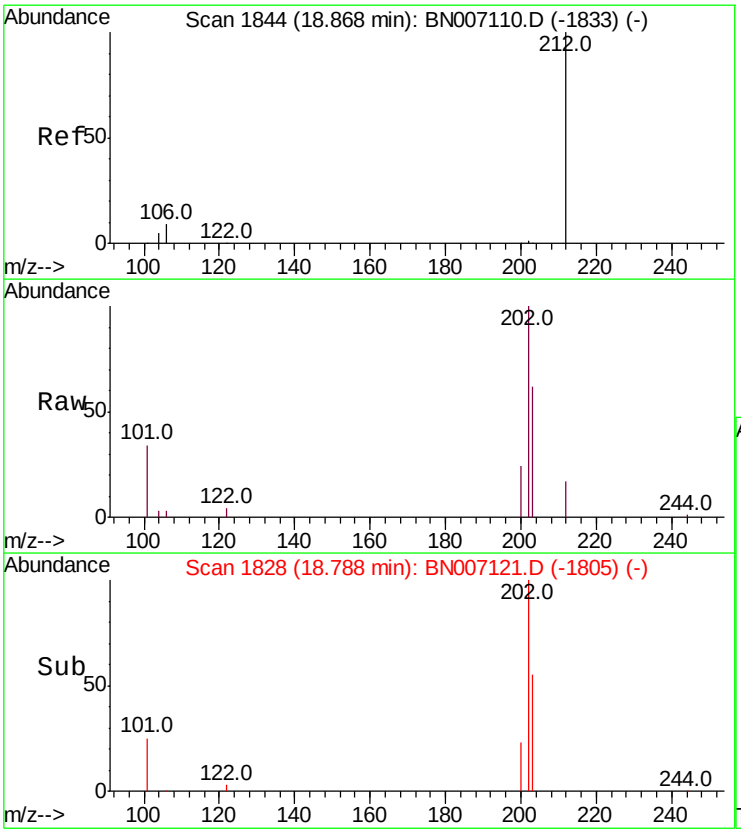
#23
Anthracene
Concen: 5.255 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 731369

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	18.7	12.5	18.7

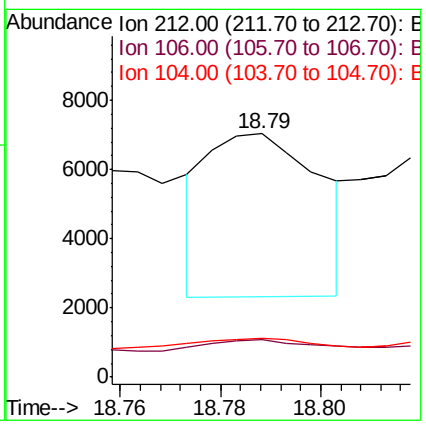


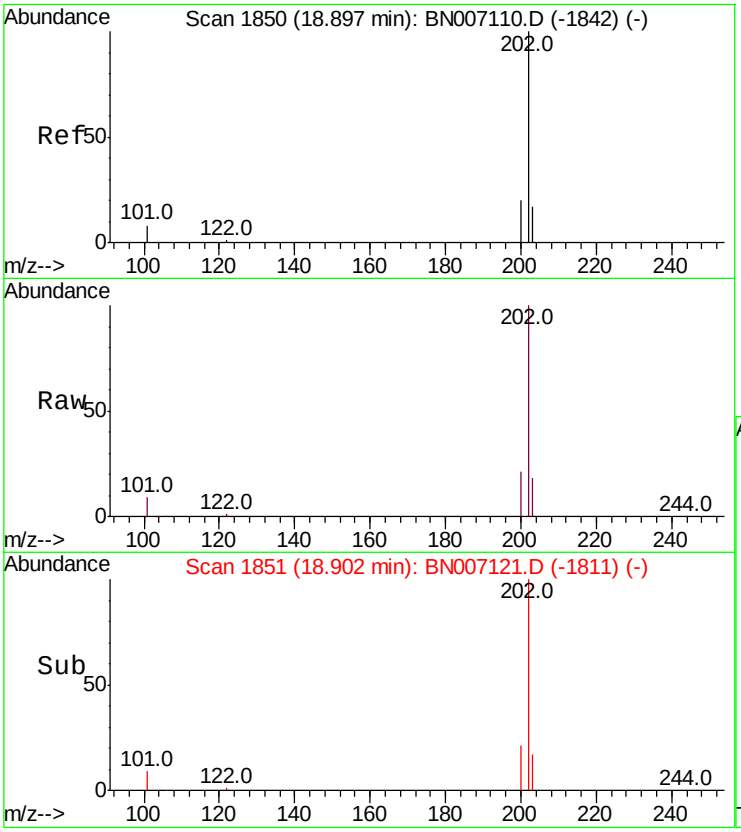


#24
Fluoranthene-d10
Concen: 0.041 ng
RT: 18.79 min Scan# 1828
Delta R.T. -0.08 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:212 Resp: 7355

Ion	Ratio	Lower	Upper
212	100		
106	8.3	8.2	12.2
104	6.3	4.5	6.7



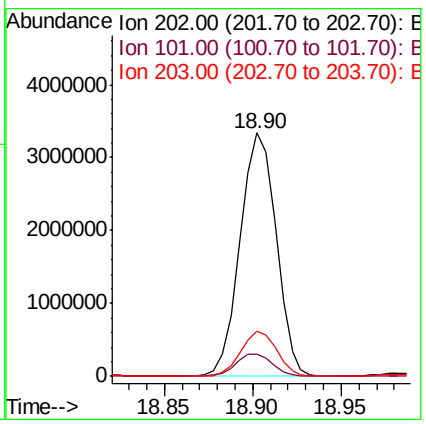


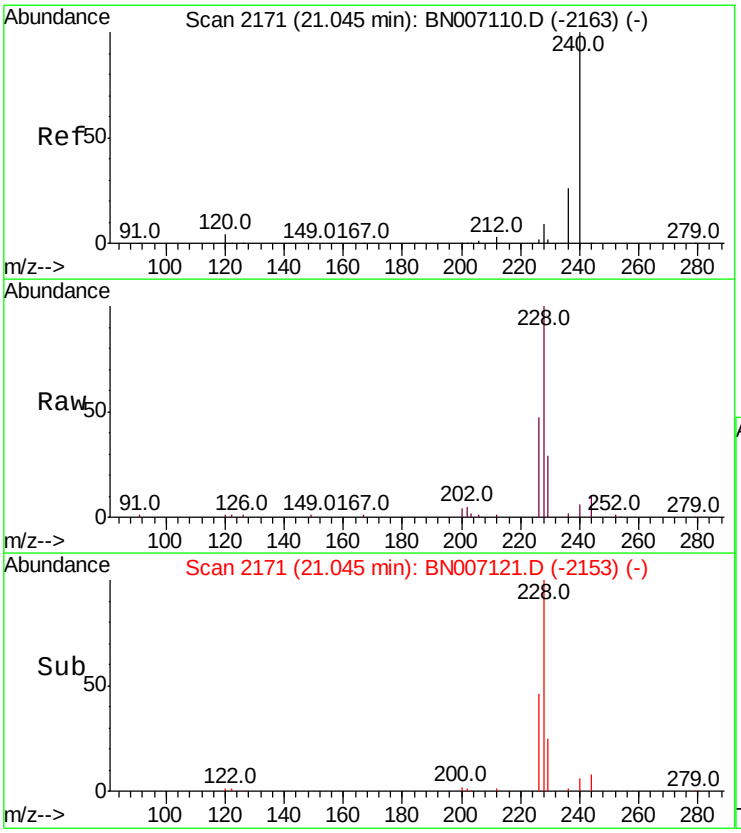
#25
Fluoranthene
Concen: 24.134 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 4702434

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.4
203	18.3	13.8	20.8

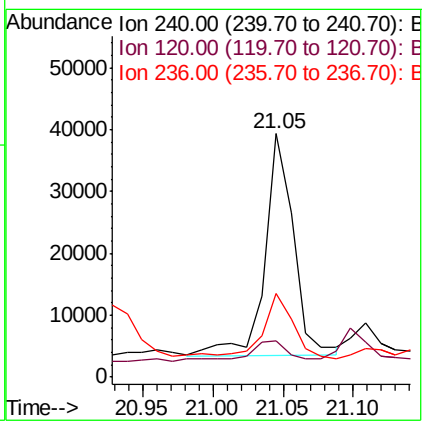


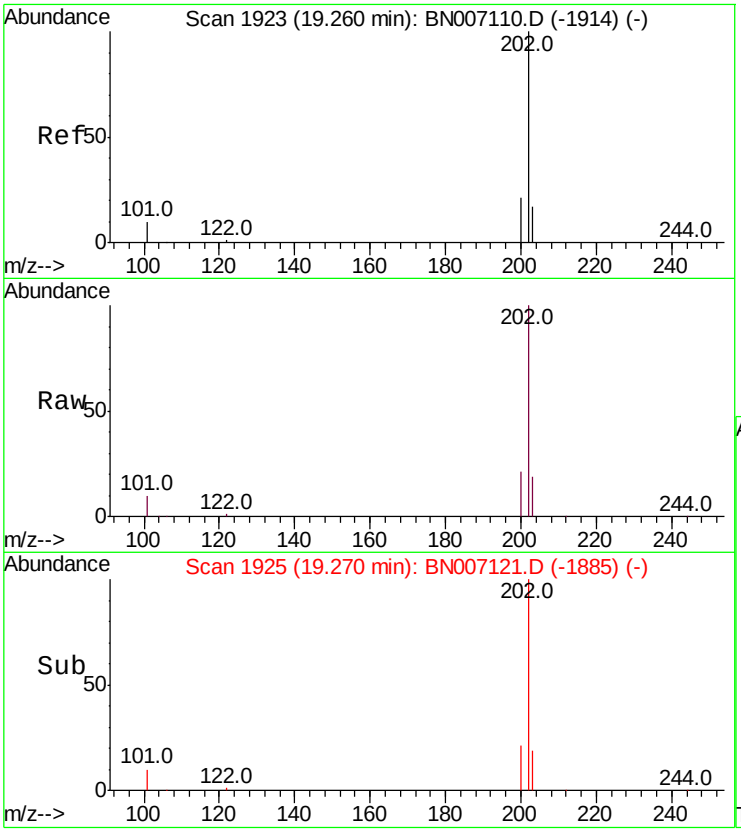


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:240 Resp: 51504

Ion	Ratio	Lower	Upper
240	100		
120	15.0	4.0	6.0#
236	34.1	21.3	31.9#



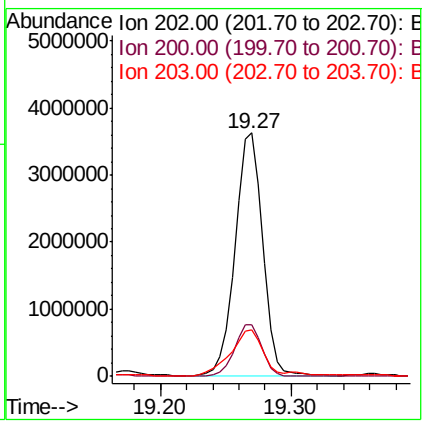


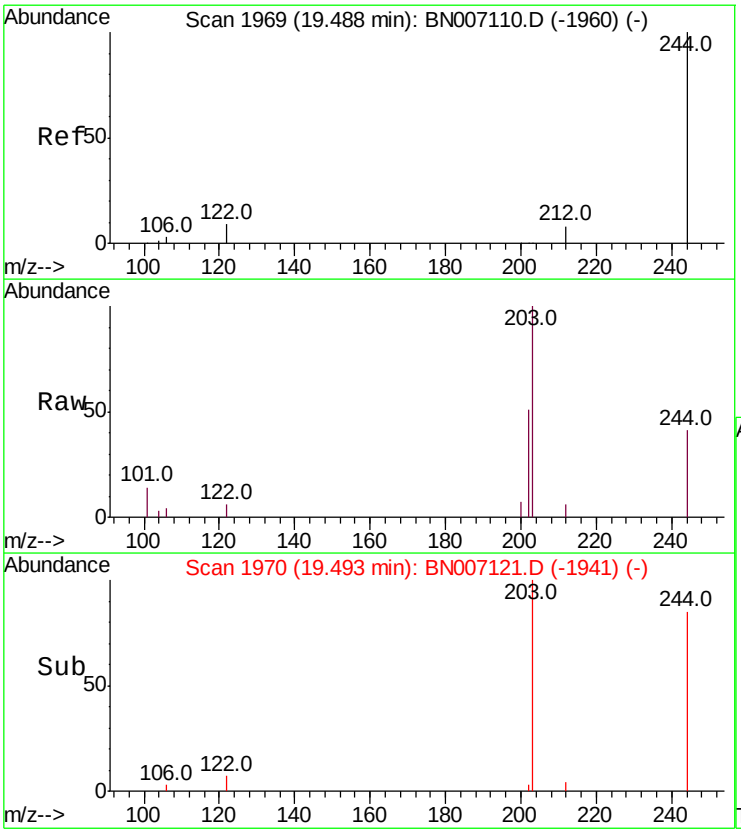
#27
Pyrene
Concen: 29.657 ng
RT: 19.27 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 5356659

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	21.8	14.0	21.0#

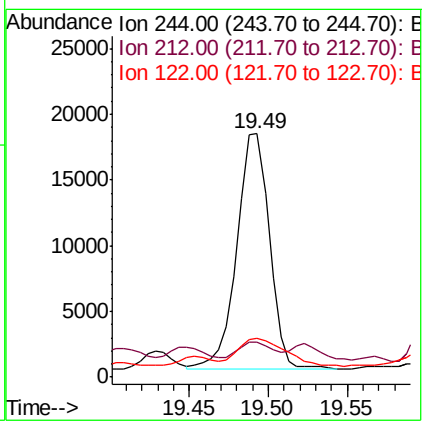


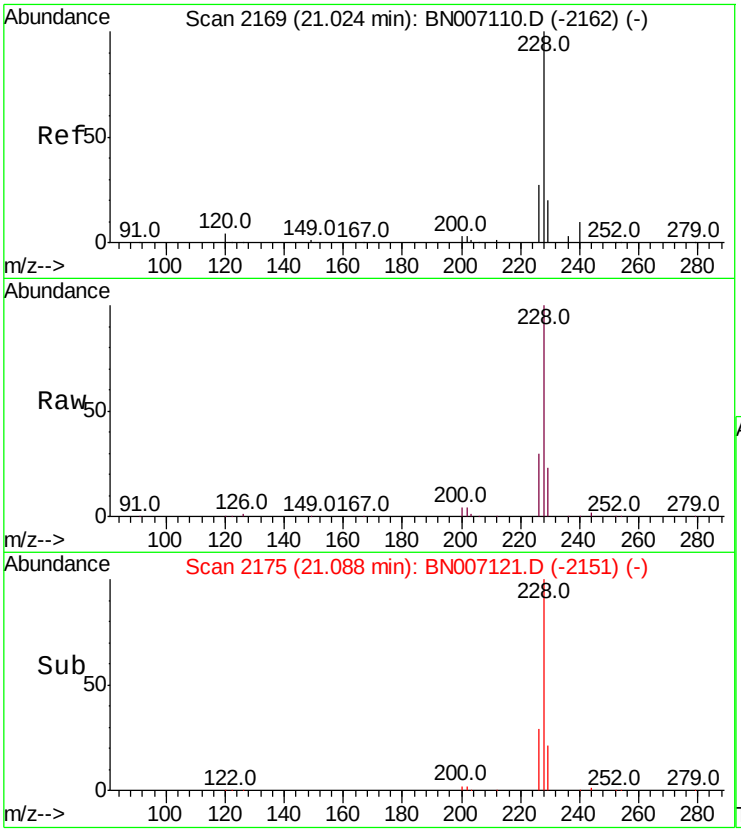


#28
Terphenyl-d14
Concen: 0.182 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:244 Resp: 25541

Ion	Ratio	Lower	Upper
244	100		
212	14.4	6.2	9.2#
122	15.9	7.4	11.2#



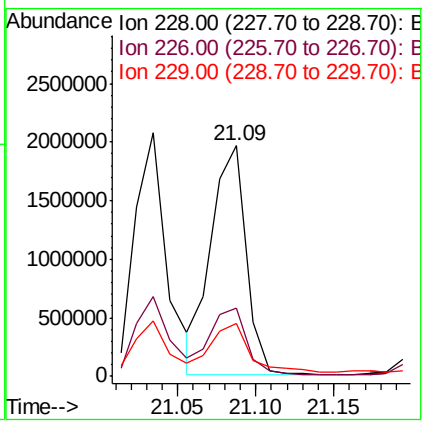


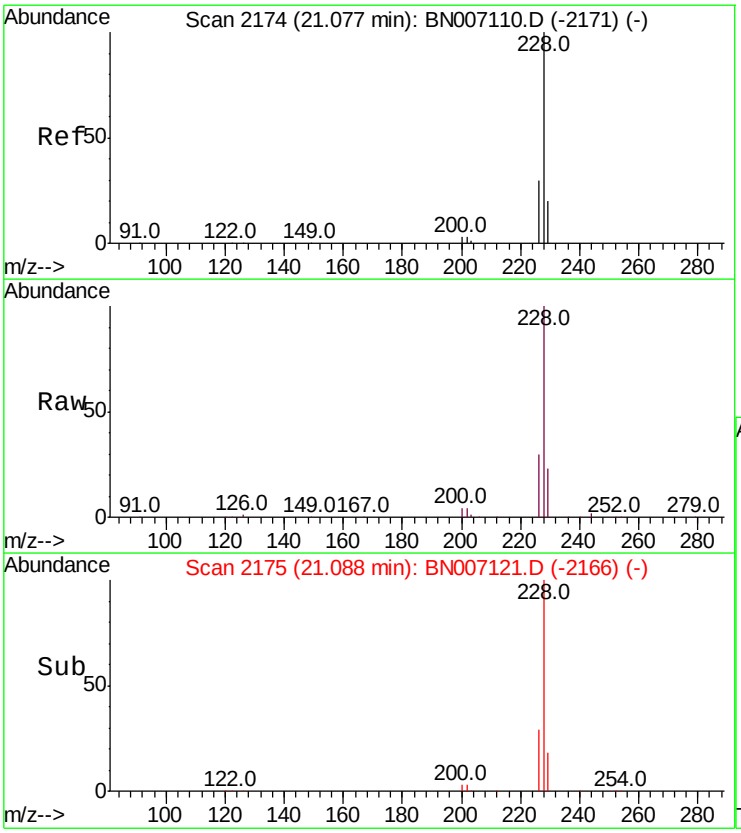
#29
Benzo(a)anthracene
Concen: 16.251 ng
RT: 21.09 min Scan# 2175
Delta R.T. 0.05 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 3060996

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.8	32.6
229	23.2	15.6	23.4

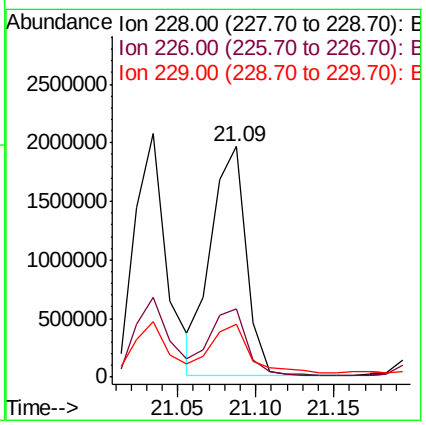


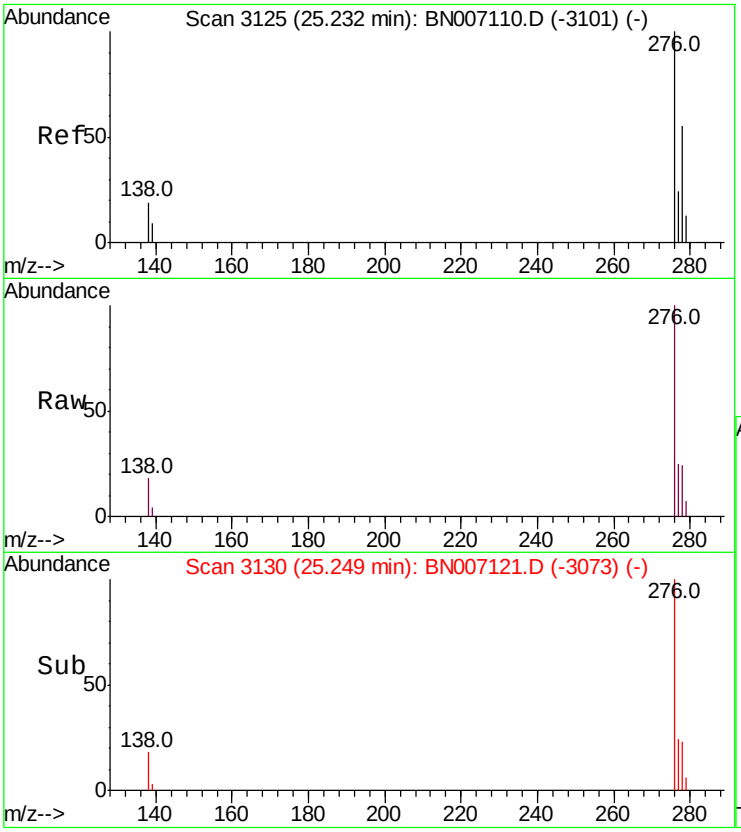


#30
Chrysene
Concen: 16.680 ng
RT: 21.09 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:228 Resp: 3052453

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	23.2	15.7	23.5



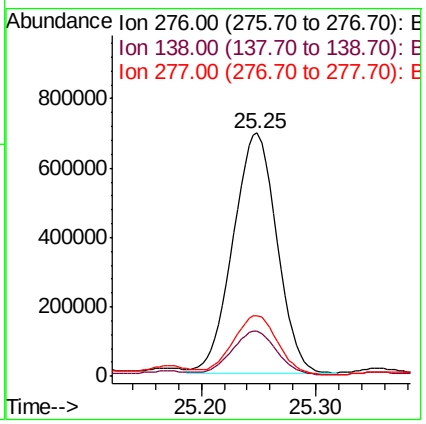


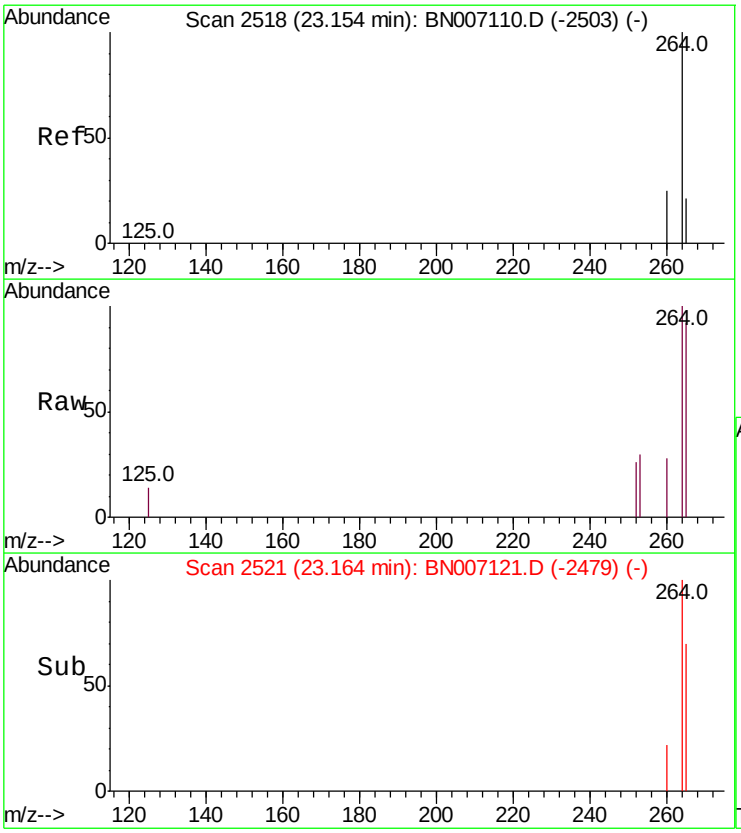
#31
Indeno(1,2,3-cd)pyrene
Concen: 9.064 ng
RT: 25.25 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1828252

Ion	Ratio	Lower	Upper
276	100		
138	18.4	16.0	24.0
277	25.0	19.9	29.9

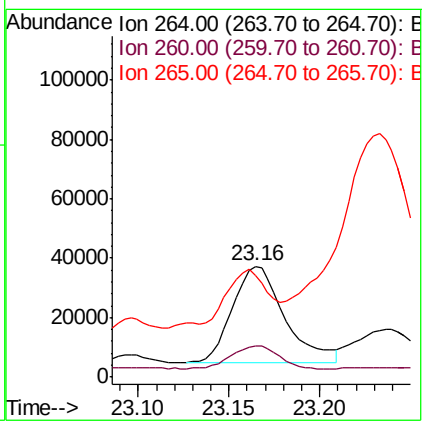


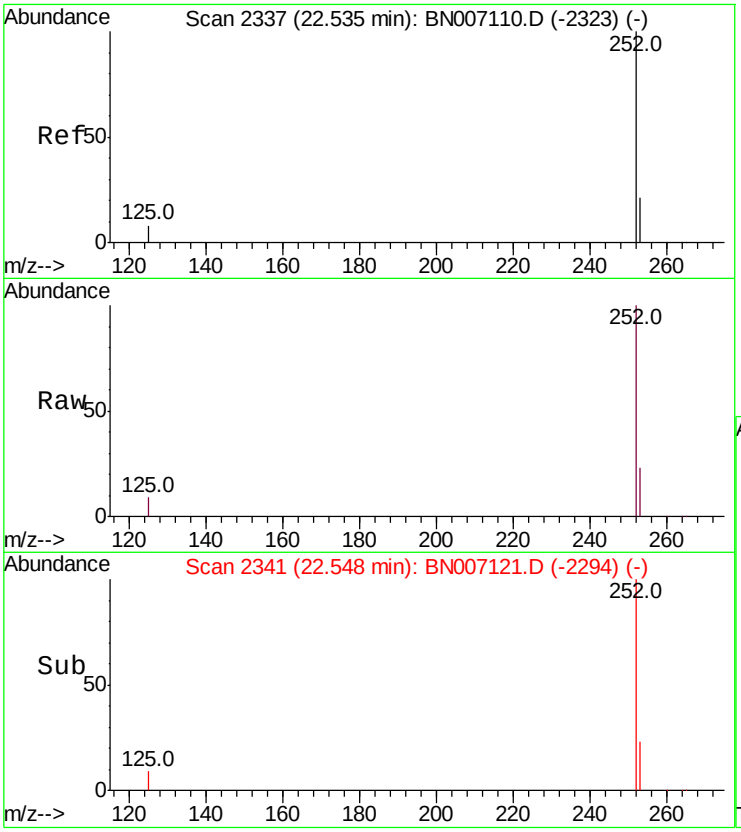


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:264 Resp: 64271

Ion	Ratio	Lower	Upper
264	100		
260	28.2	19.8	29.8
265	92.1	26.2	39.4#



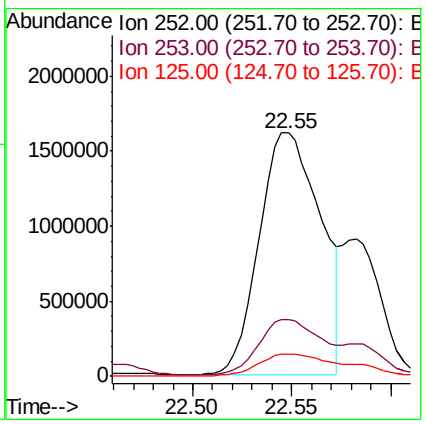


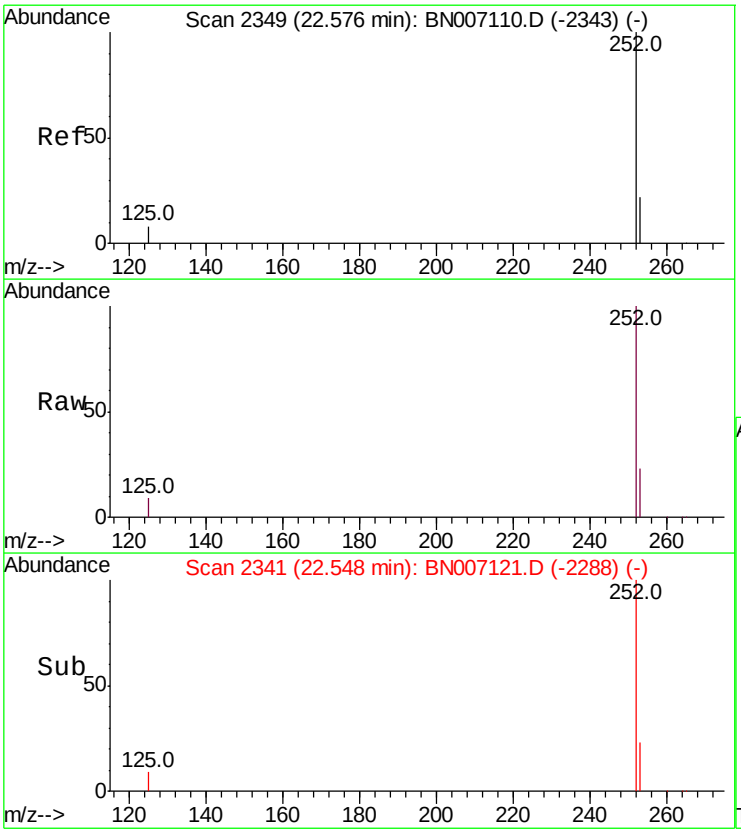
#33
Benzo(b)fluoranthene
Concen: 15.783 ng
RT: 22.55 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3478485

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	9.0	7.4	11.0

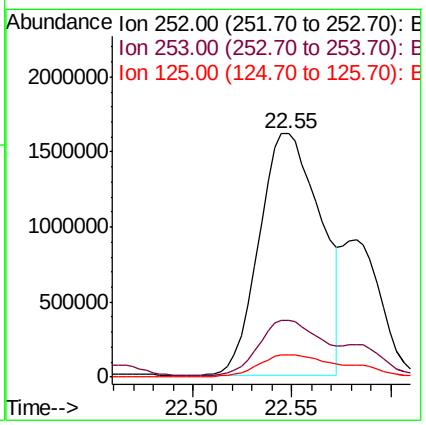


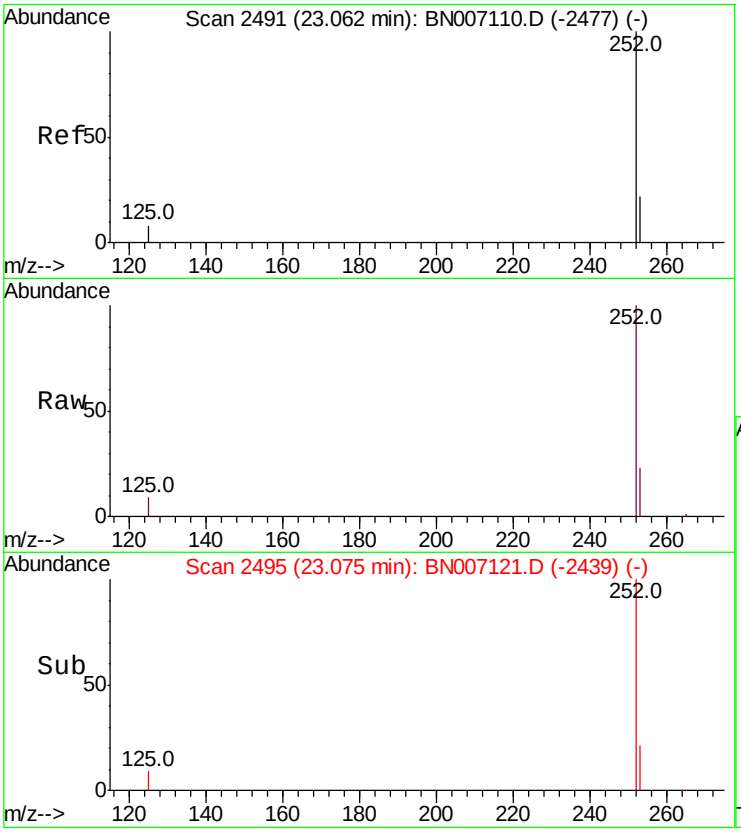


#34
Benzo(k)fluoranthene
Concen: 15.981 ng
RT: 22.55 min Scan# 2341
Delta R.T. -0.04 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:252 Resp: 3478485

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	9.0	7.4	11.0



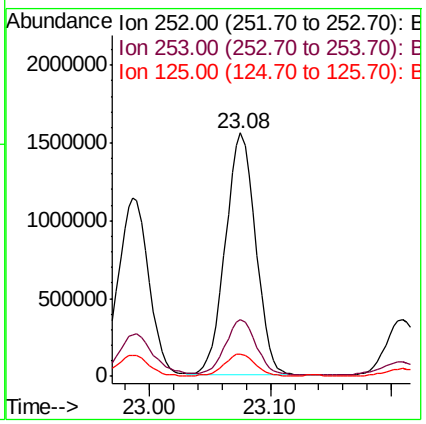


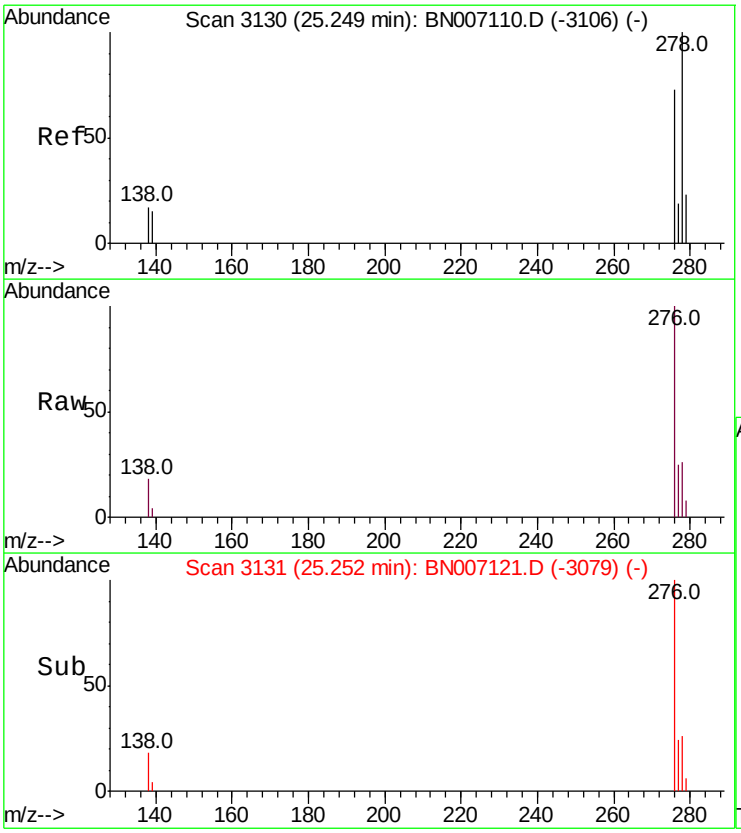
#35
Benzo(a)pyrene
Concen: 13.479 ng
RT: 23.08 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2693062

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	9.1	8.2	12.4

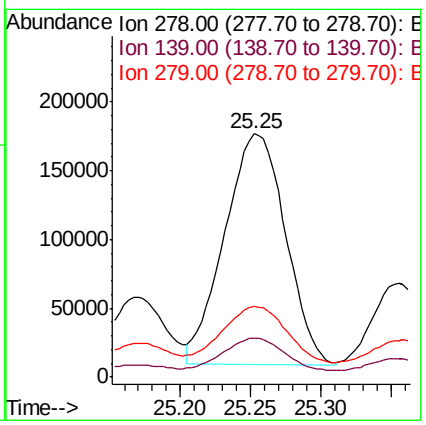


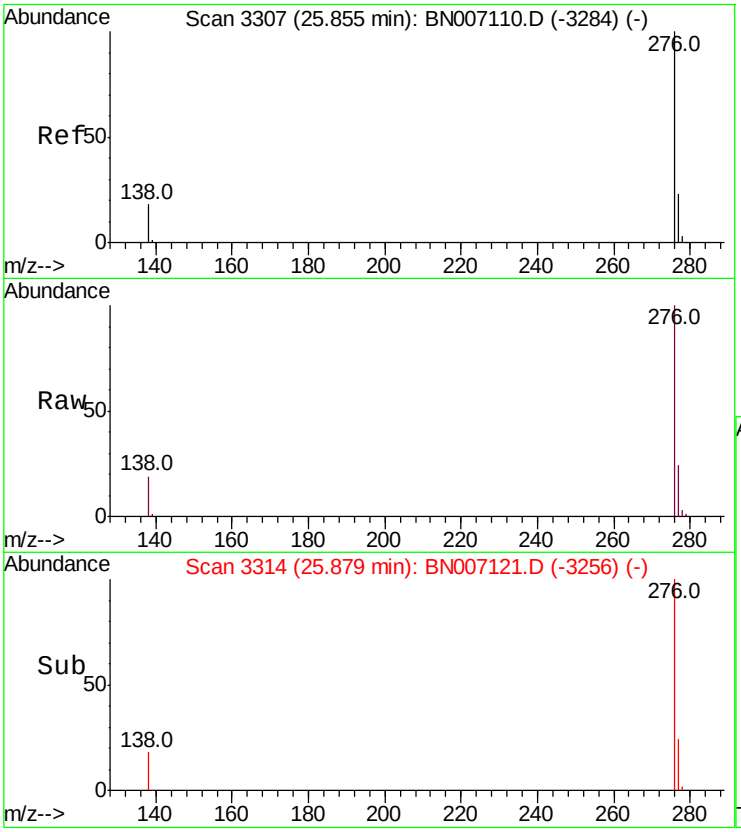


#36
Dibenzo(a,h)anthracene
Concen: 2.548 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Tgt Ion:278 Resp: 507847

Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.3	16.9
279	28.9	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 9.341 ng
RT: 25.88 min Scan# 3314
Delta R.T. -0.00 min
Lab File: BN007121.D
Acq: 13 Aug 2019 08:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1915538

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	18.7	14.6	22.0