Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007092.D
Acq On : 12 Aug 2019 11:41
Operator : HP/JU
Sample : PB122090BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 13 04:13:42 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	7669	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	28124	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	15066	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	36262	0.40	ng		0.00
26) Chrysene-d12	21.05	240	35838	0.40	ng		-0.01
32) Perylene-d12	23.15	264	33935	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5706	0.31	ng		0.00
4) Phenol-d6	6.61	99	7374	0.32	ng		0.00
7) Nitrobenzene-d5	8.56	82	5904	0.26	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	19945	0.38	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1502	0.19	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	4211	0.19	ng		0.00
24) Fluoranthene-d10	18.87	212	36923	0.29	ng		0.00
28) Terphenyl-d14	19.49	244	29697	0.30	ng		-0.01
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.35	42	1460	0.289	ng	#	80
5) bis(2-Chloroethyl)ether	6.87	93	6835	0.339	ng		99
8) Naphthalene	10.24	128	25336	0.321	ng		98
9) Hexachlorobutadiene	10.54	225	5172	0.308	ng	#	100
11) 2-Methylnaphthalene	11.86	142	17736	0.317	ng		97
15) Acenaphthylene	13.79	152	23939	0.304	ng		100
16) Acenaphthene	14.13	154	15942	0.316	ng		99
17) Fluorene	15.13	166	20529	0.272	ng		99
19) 4-Bromophenyl-phenylether	16.03	248	7439	0.332	ng	#	83
20) Hexachlorobenzene	16.14	284	7607	0.353	ng		100
21) Pentachlorophenol	16.48	266	3990	0.496	ng		96
22) Phenanthrene	16.87	178	36556	0.336	ng		100
23) Anthracene	16.95	178	31216	0.314	ng		100
25) Fluoranthene	18.90	202	43218	0.311	ng		100
27) Pyrene	19.26	202	42921	0.342	ng		100
29) Benzo(a)anthracene	21.02	228	39922	0.305	ng		100
30) Chrysene	21.08	228	46133	0.362	ng		100
31) Indeno(1,2,3-cd)pyrene	25.23	276	46001	0.328	ng		100
33) Benzo(b)fluoranthene	22.53	252	42863	0.368	ng		99
34) Benzo(k)fluoranthene	22.58	252	42444	0.369	ng		99
35) Benzo(a)pyrene	23.07	252	36600	0.347	ng		100
36) Dibenzo(a,h)anthracene	25.25	278	38201	0.363	ng		99
37) Benzo(g,h,i)perylene	25.86	276	40935	0.378	ng		98

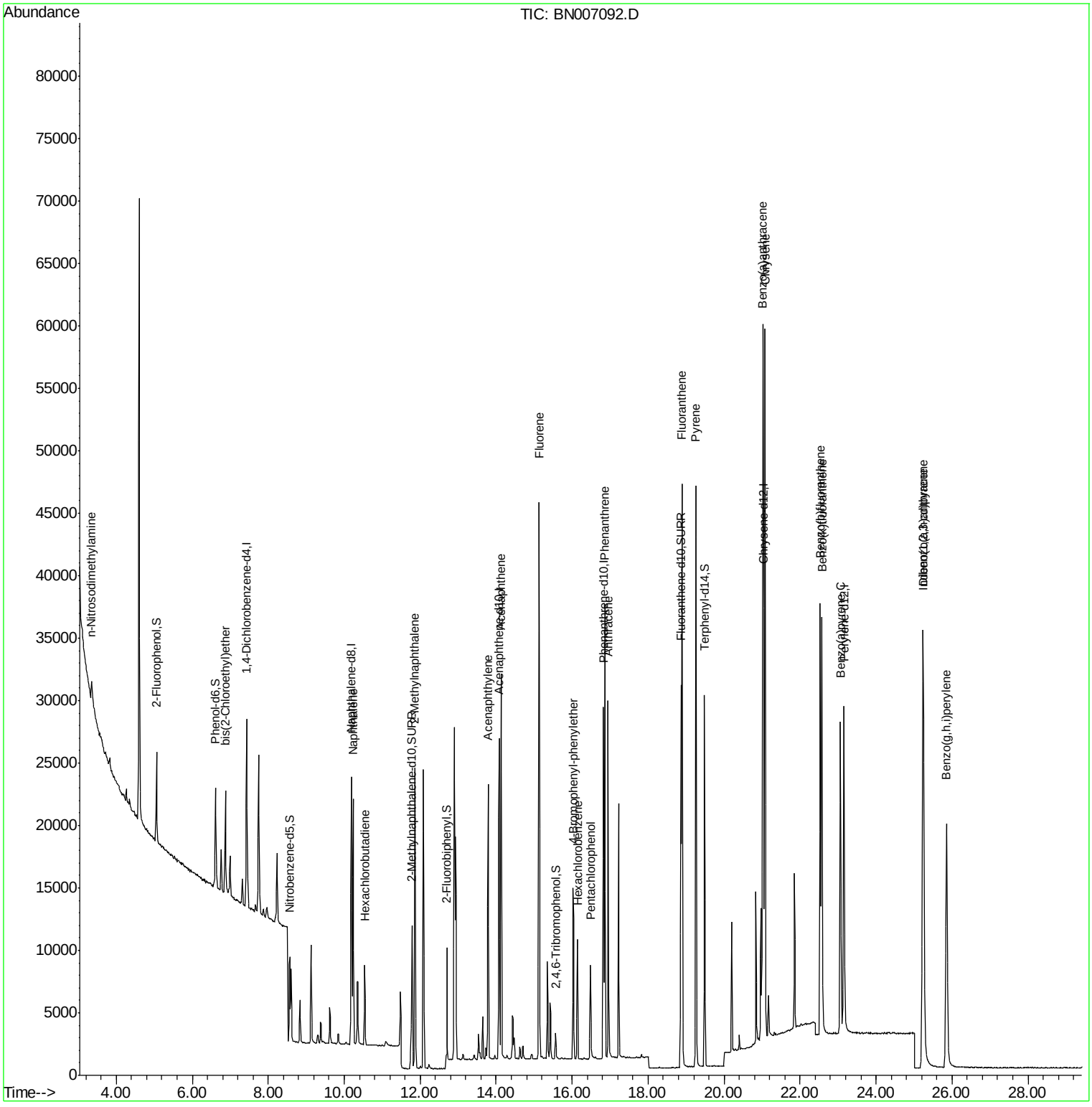
(#) = qualifier out of range (m) = manual integration (+) = signals summed

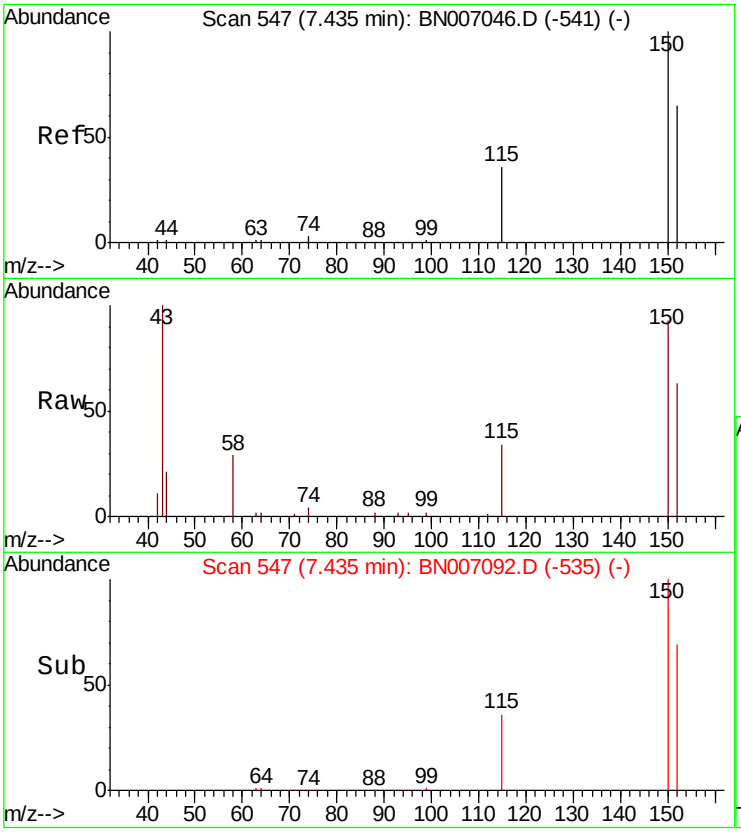
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007092.D
Acq On : 12 Aug 2019 11:41
Operator : HP/JU
Sample : PB122090BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 13 04:13:42 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



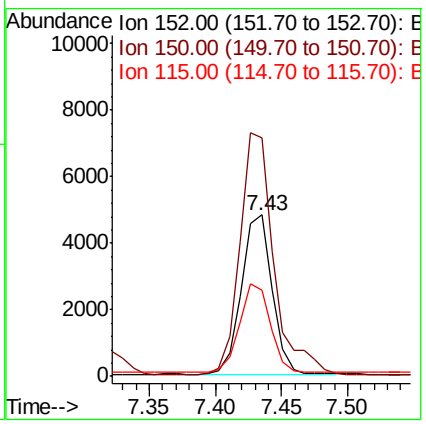


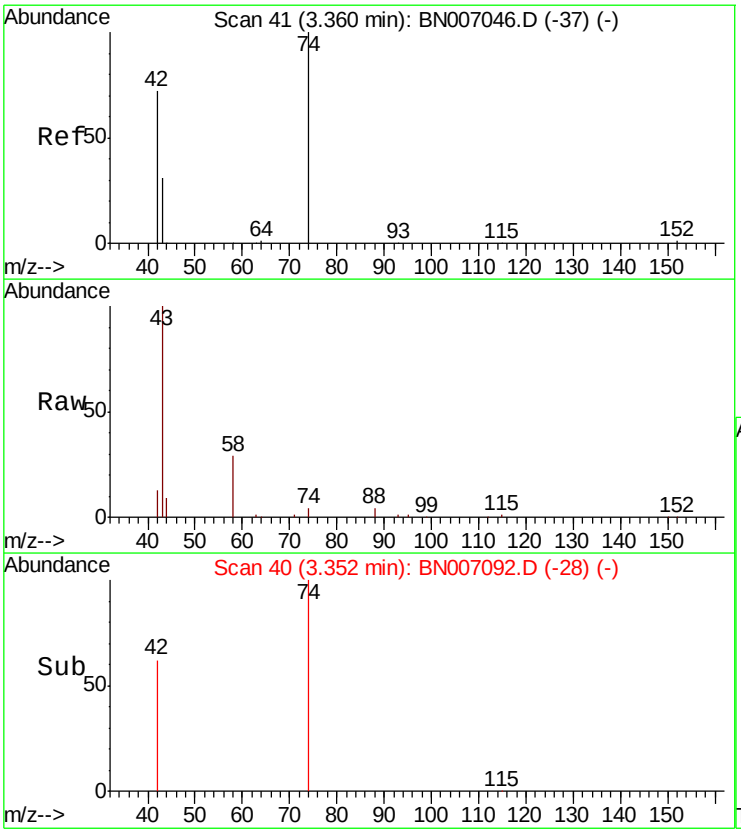
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7669

Ion	Ratio	Lower	Upper
152	100		
150	147.9	121.7	182.5
115	53.7	46.2	69.4

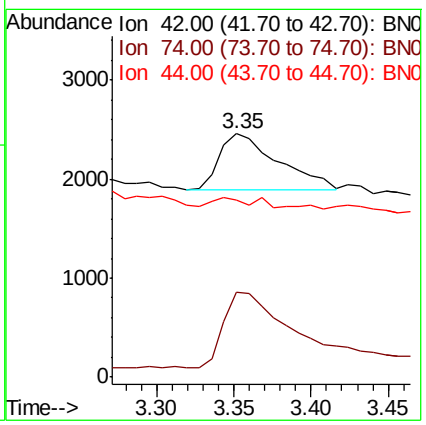


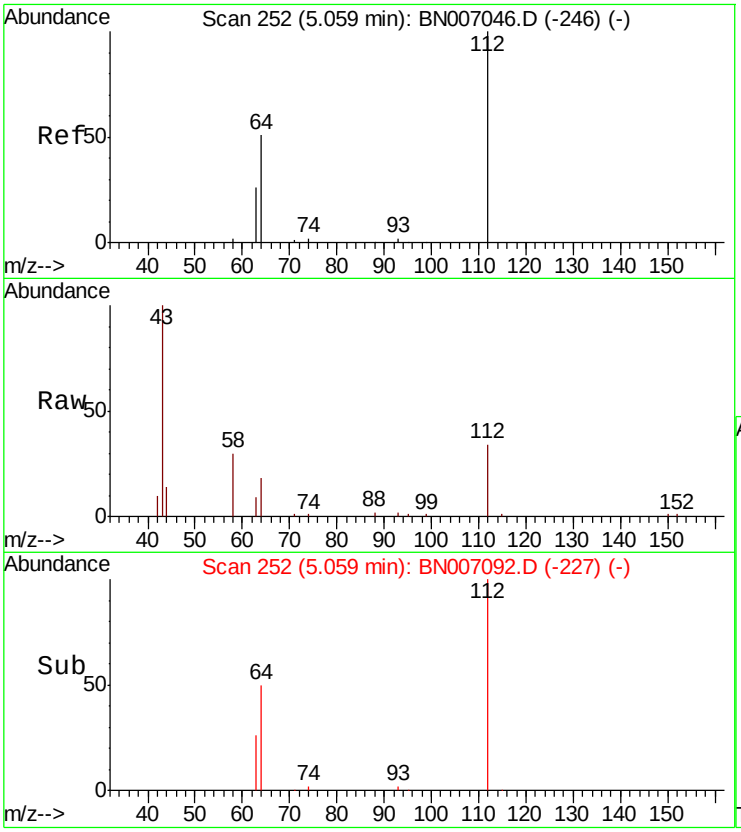


#2
n-Nitrosodimethylamine
Concen: 0.289 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion: 42 Resp: 1460

Ion	Ratio	Lower	Upper
42	100		
74	162.5	110.6	166.0
44	18.6	0.0	0.0#



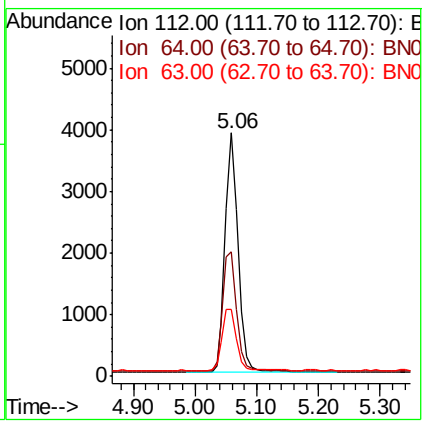


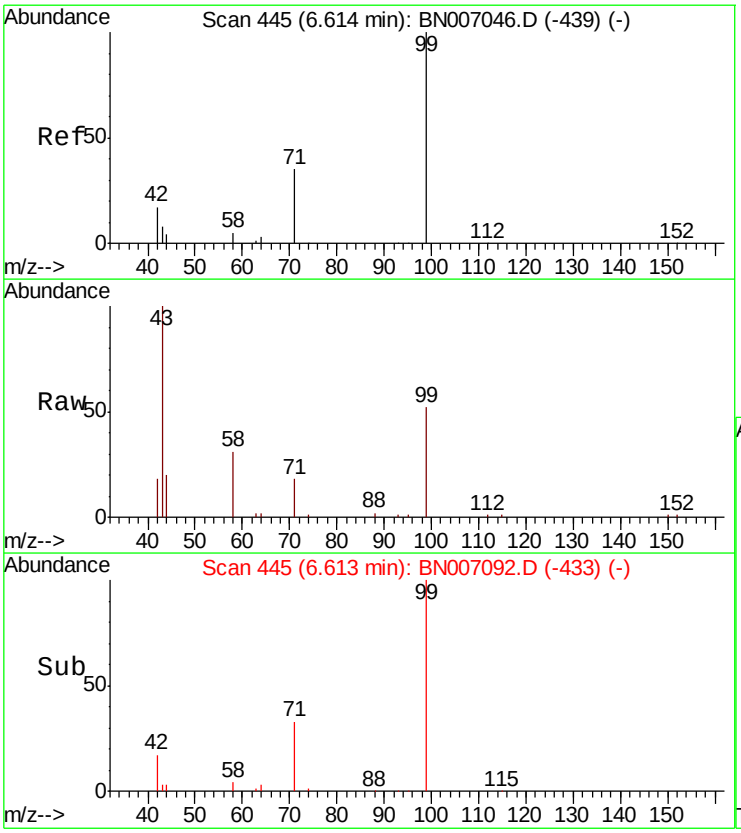
#3
2-Fluorophenol
Concen: 0.310 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 5706

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.6	63.8
63	28.2	22.2	33.2

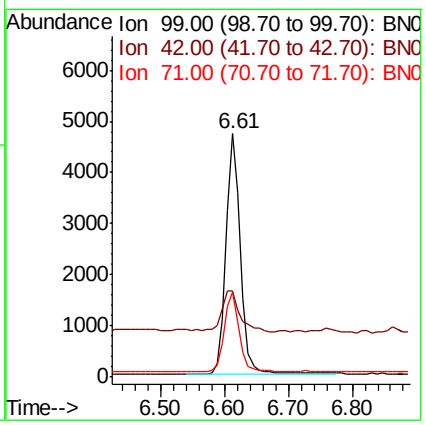


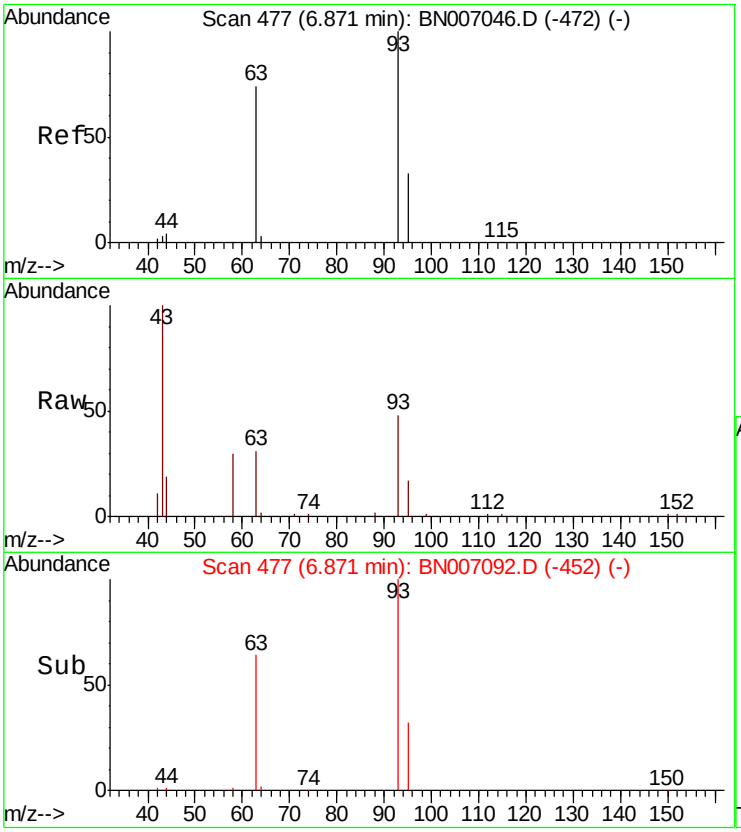


#4
Phenol-d6
Concen: 0.323 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion: 99 Resp: 7374

Ion	Ratio	Lower	Upper
99	100		
42	21.6	15.8	23.6
71	33.6	27.0	40.4



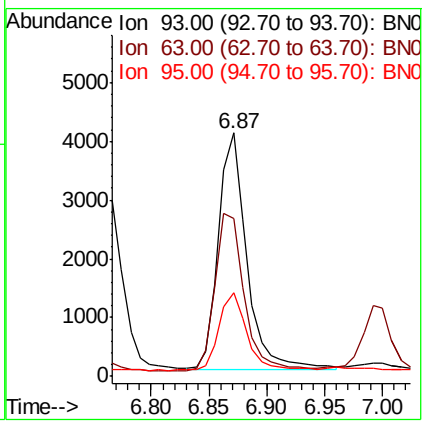


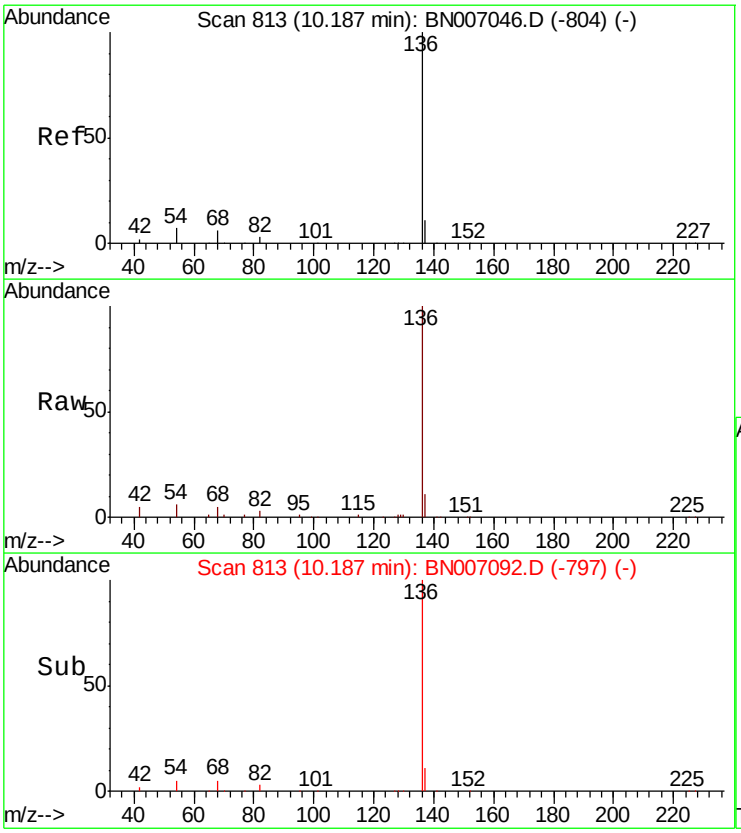
#5
bis(2-Chloroethyl)ether
Concen: 0.339 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 6835

Ion	Ratio	Lower	Upper
93	100		
63	69.0	55.6	83.4
95	32.4	26.7	40.1

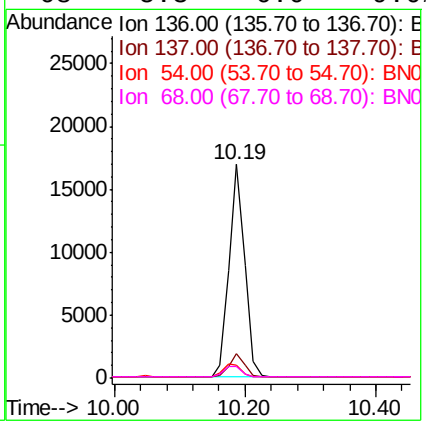


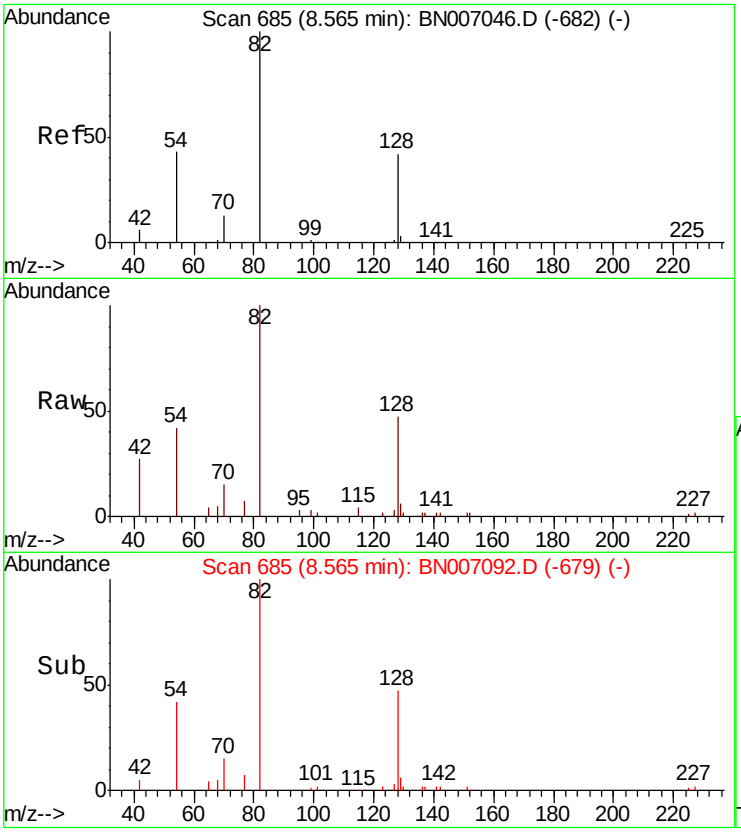


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:136 Resp: 28124

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	6.0	6.6	9.8#
68	5.3	6.0	9.0#



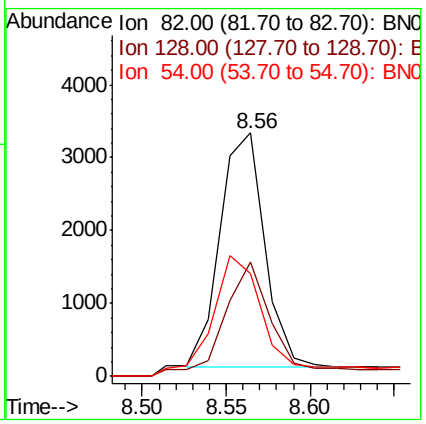


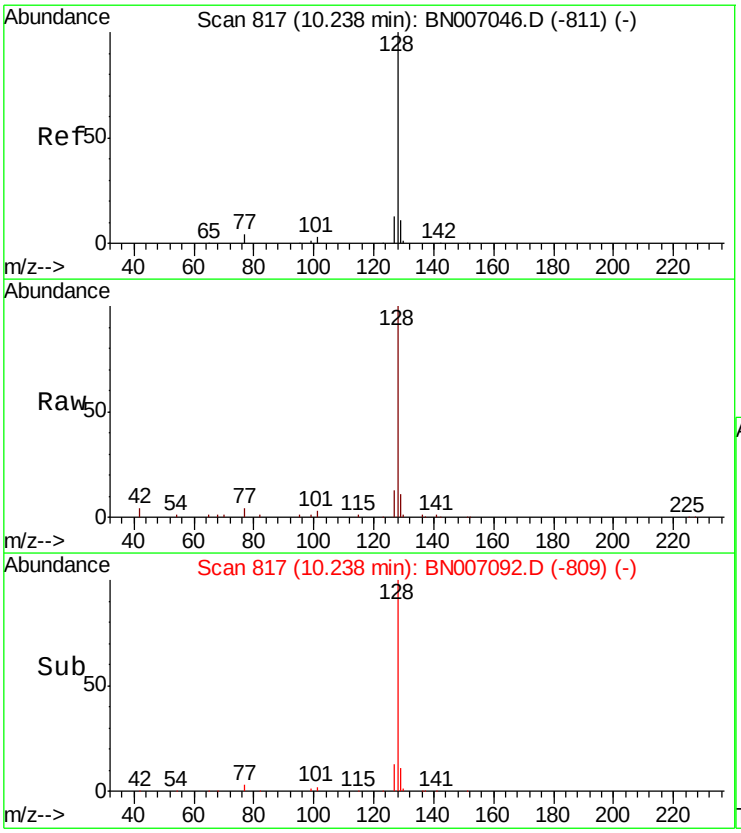
#7
Nitrobenzene-d5
Concen: 0.260 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 5904

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.6	51.8
54	42.5	36.2	54.4

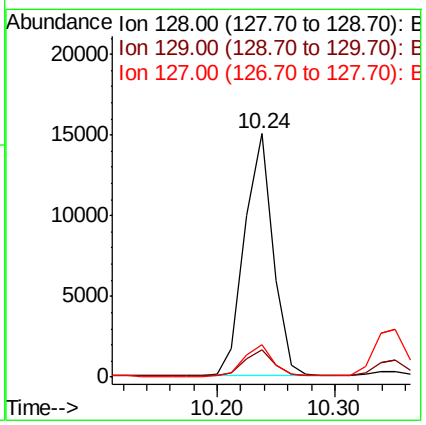


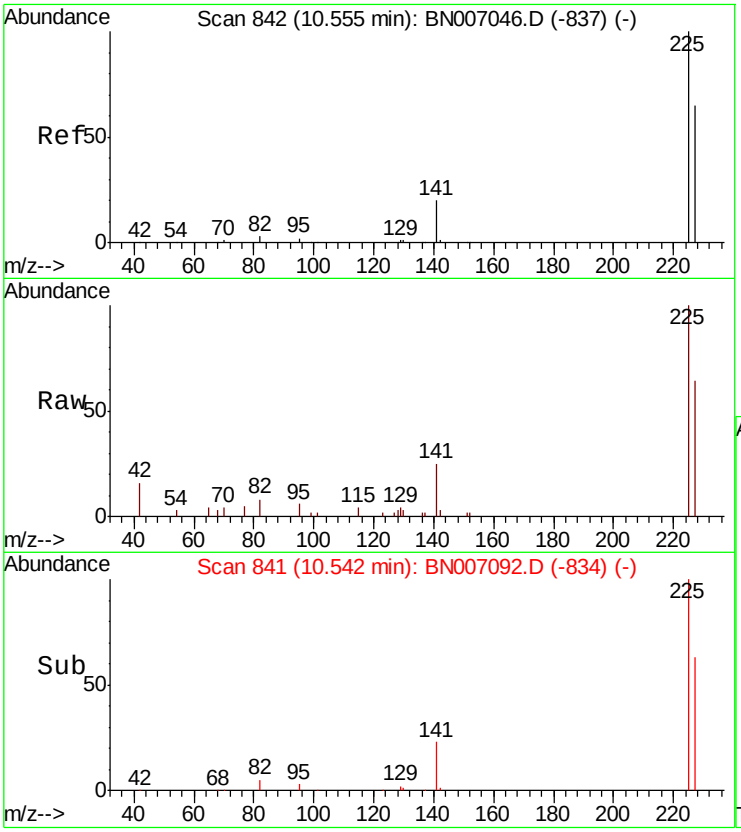


#8
Naphthalene
Concen: 0.321 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:128 Resp: 25336

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.1	11.0	16.6



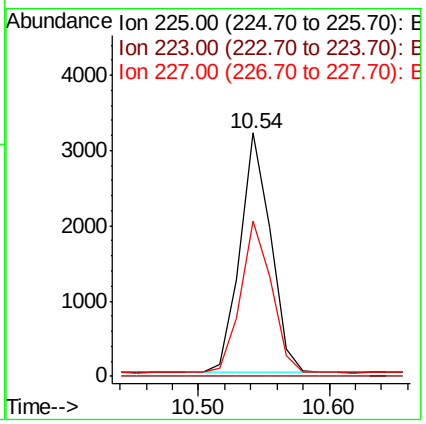


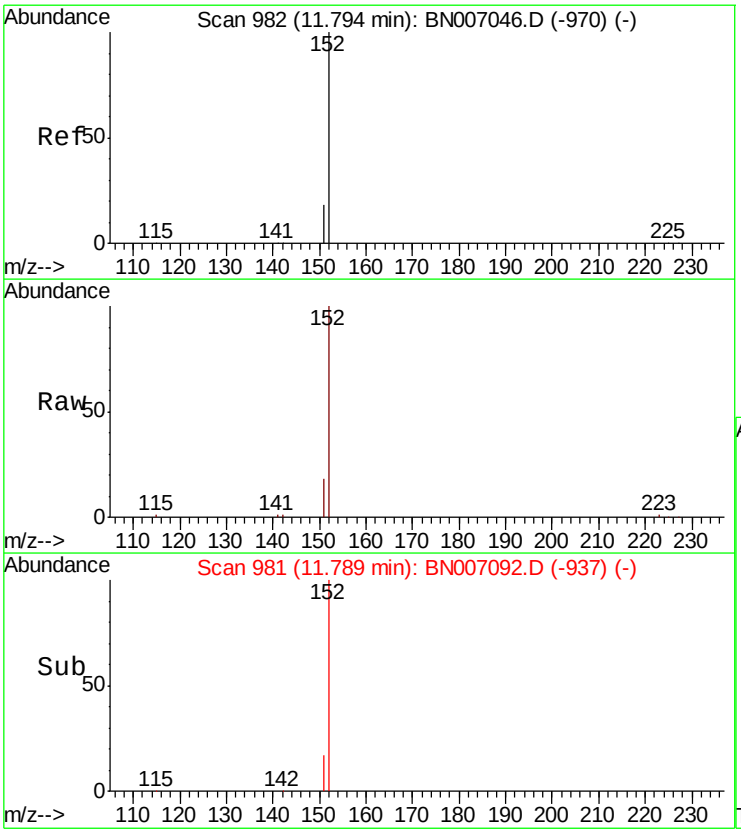
#9
Hexachlorobutadiene
Concen: 0.308 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 5172

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.1	76.7

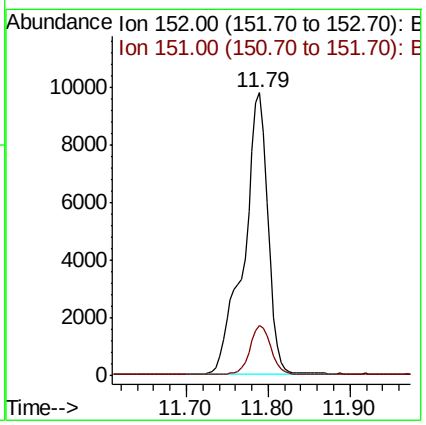


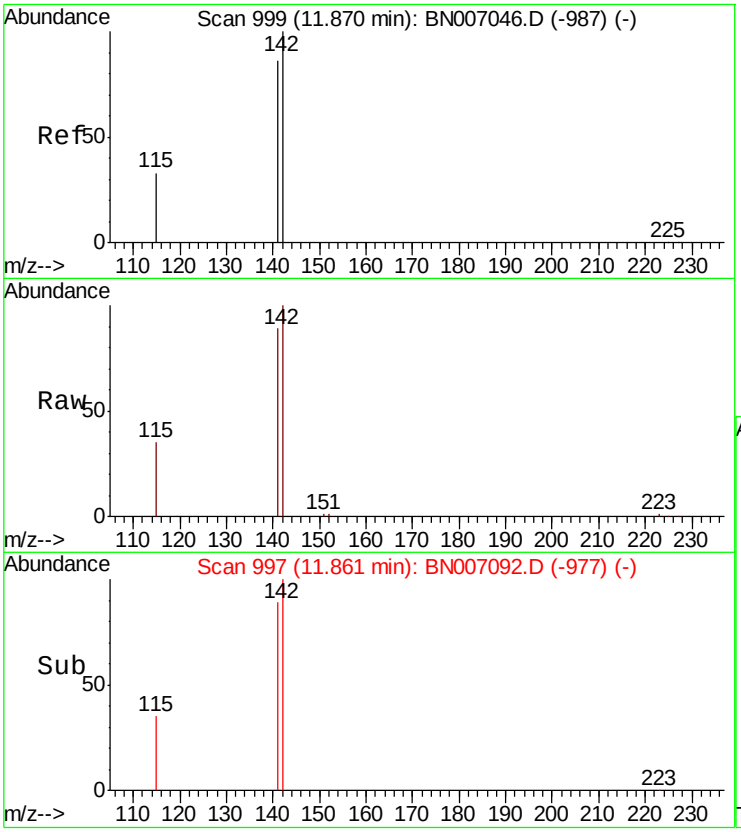


#10
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:152 Resp: 19945

Ion	Ratio	Lower	Upper
152	100		
151	15.2	15.5	23.3#



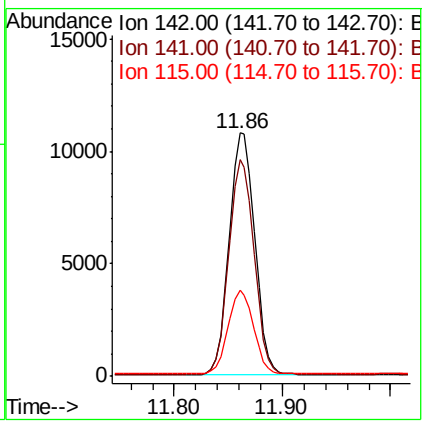


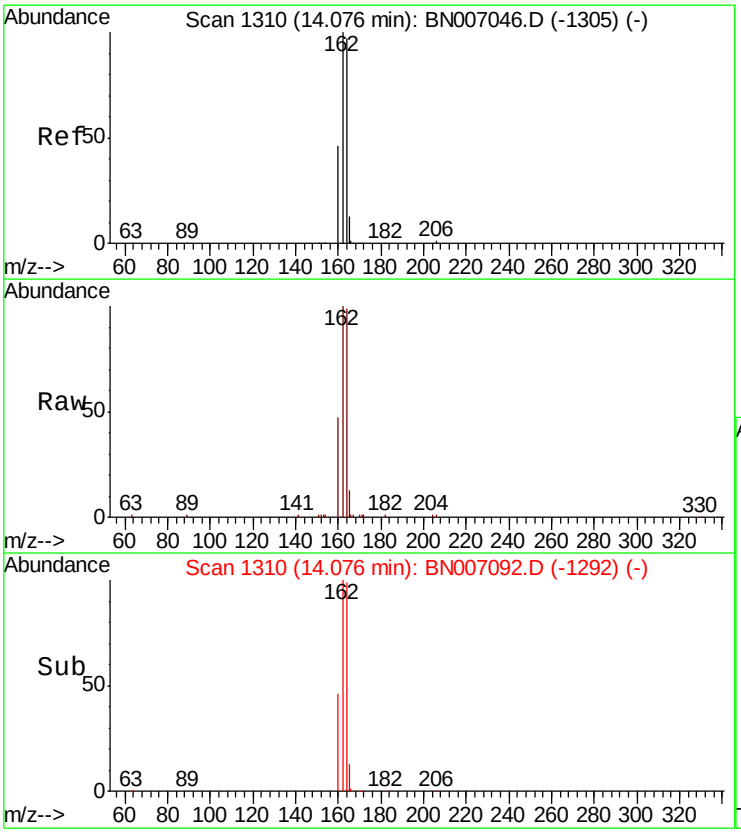
#11
2-Methylnaphthalene
Concen: 0.317 ng
RT: 11.86 min Scan# 997
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 17736

Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.0	103.6
115	35.5	27.1	40.7

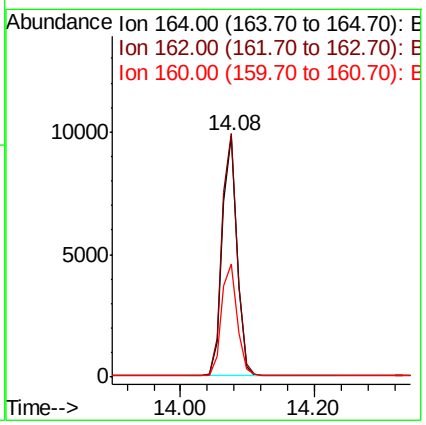


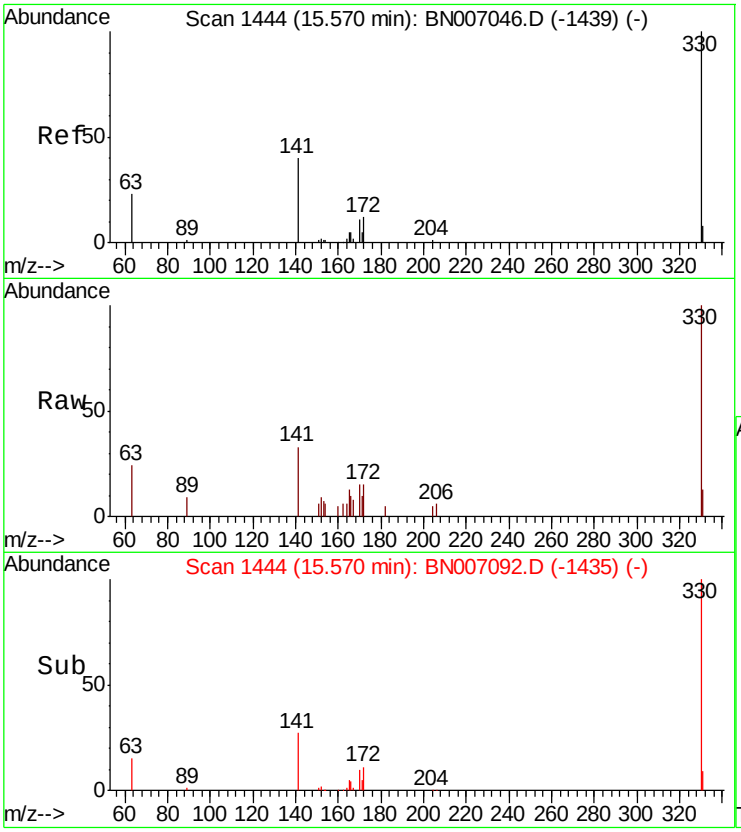


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:164 Resp: 15066

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.4
160	47.0	38.3	57.5



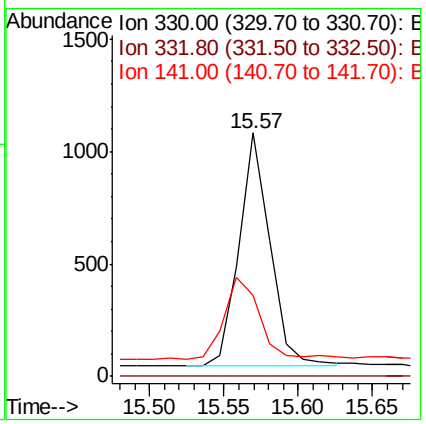


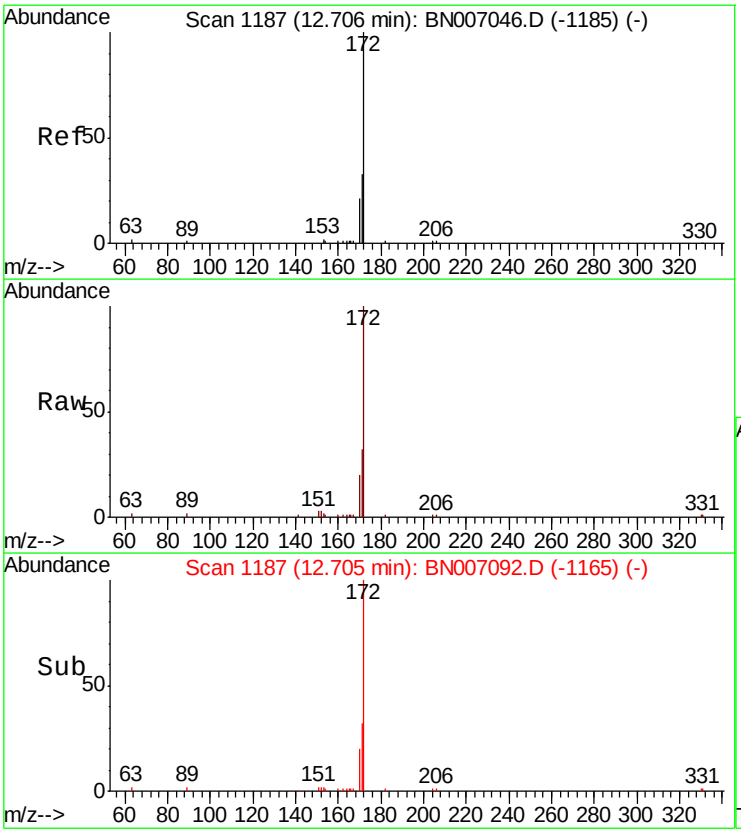
#13
2,4,6-Tribromophenol
Concen: 0.185 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1502

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.3	33.6	50.4

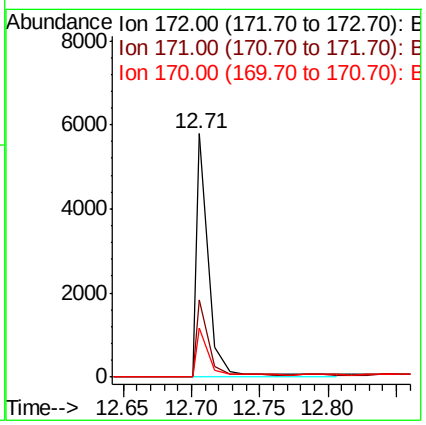


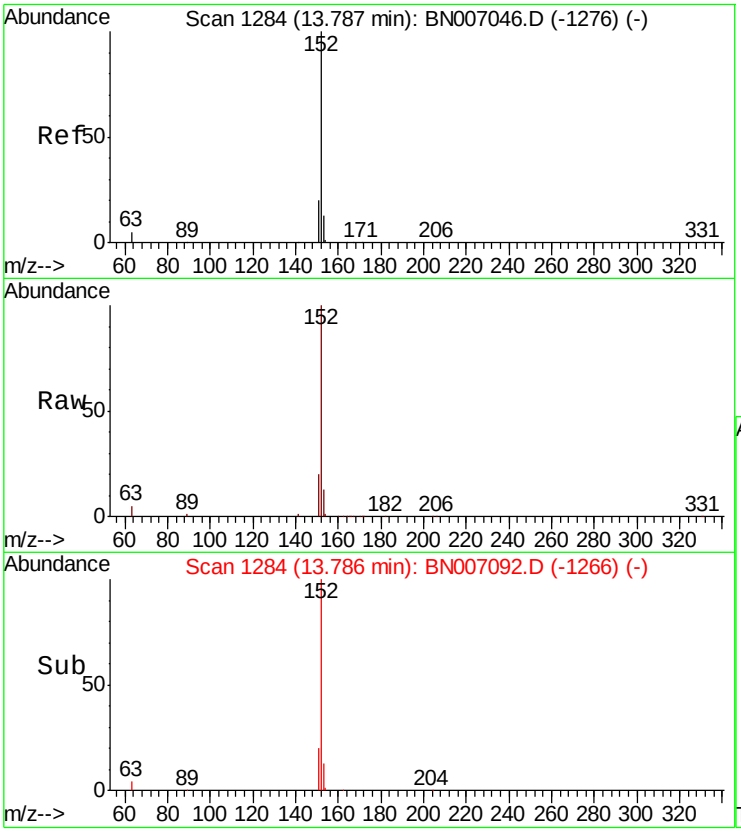


#14
2-Fluorobiphenyl
Concen: 0.192 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:172 Resp: 4211

Ion	Ratio	Lower	Upper
172	100		
171	31.5	26.3	39.5
170	20.1	17.0	25.4



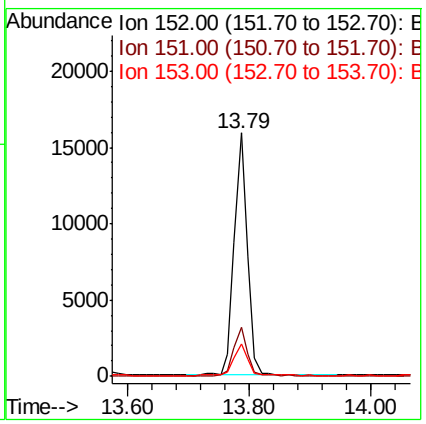


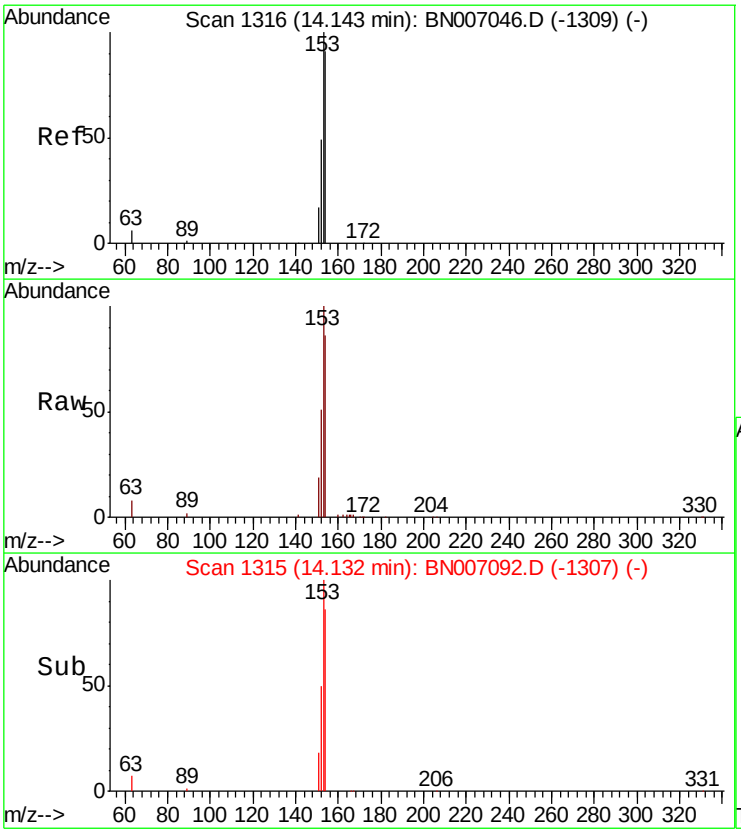
#15
Acenaphthylene
Concen: 0.304 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 23939

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.0	10.4	15.6

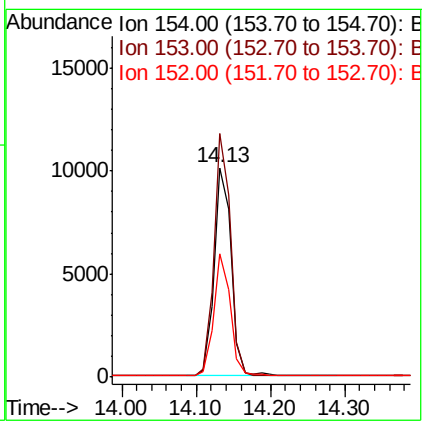


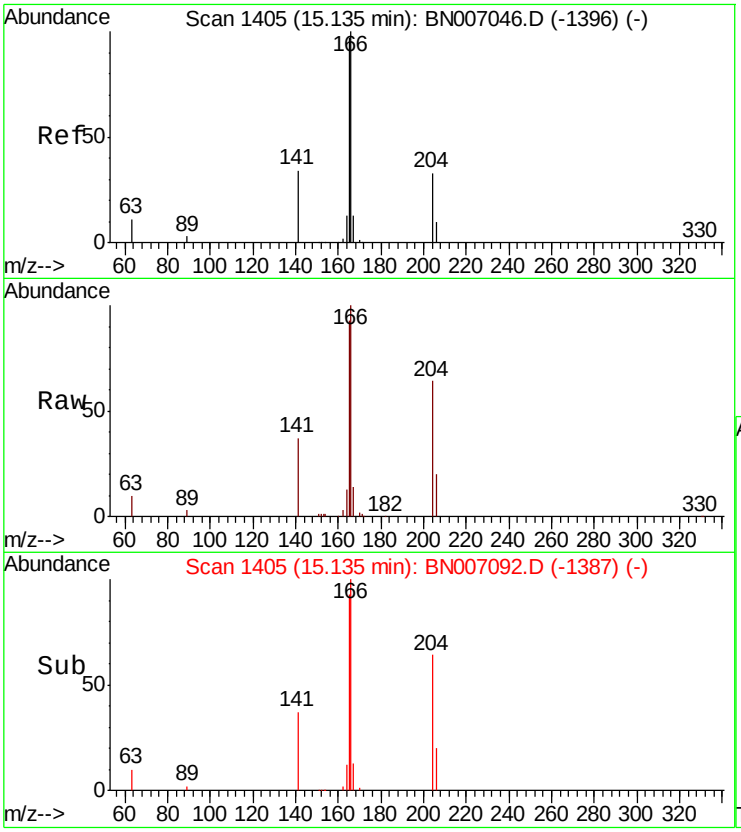


#16
Acenaphthene
Concen: 0.316 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:154 Resp: 15942

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.5	134.3
152	56.8	44.8	67.2



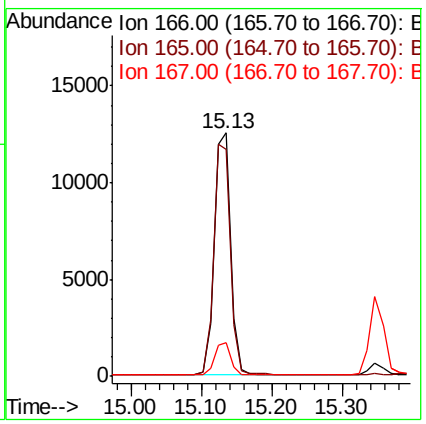


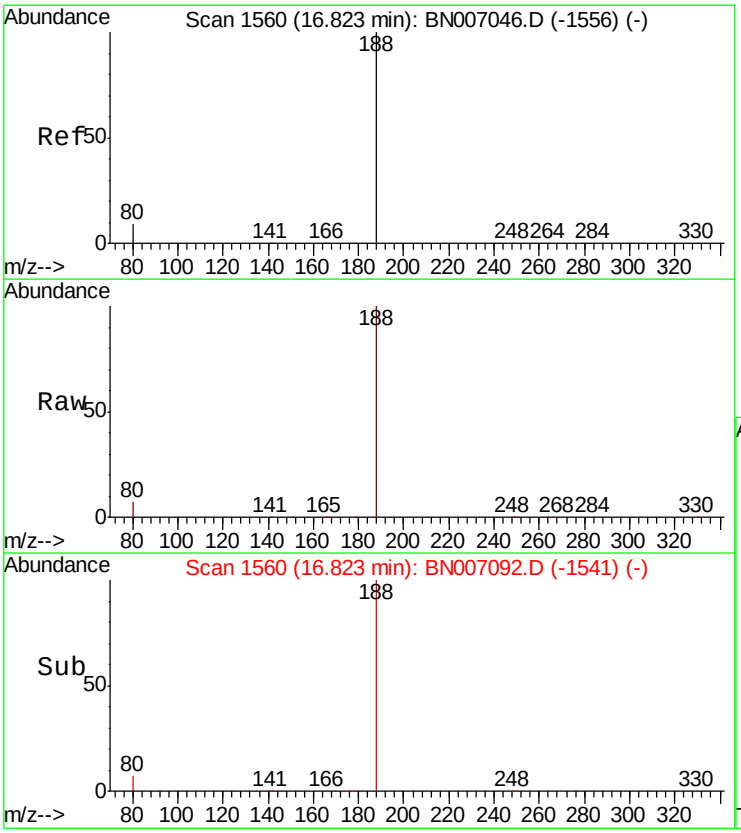
#17
Fluorene
Concen: 0.272 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 20529

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.9	116.9
167	13.4	10.9	16.3

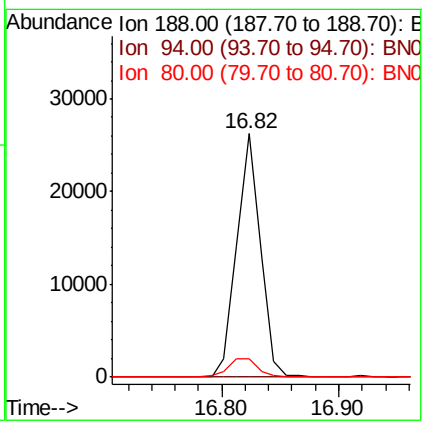


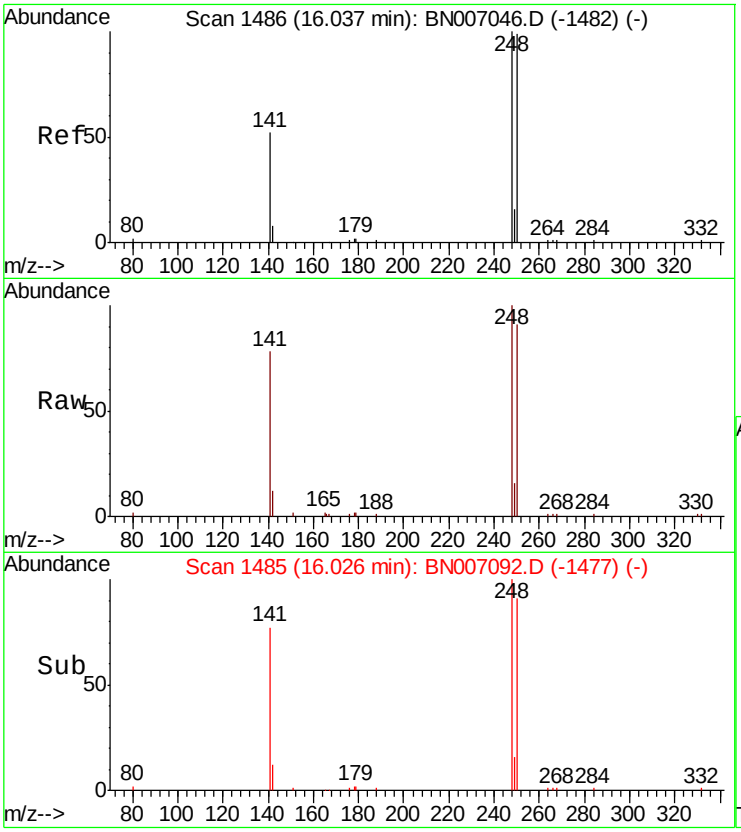


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:188 Resp: 36262

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	7.8	11.6#



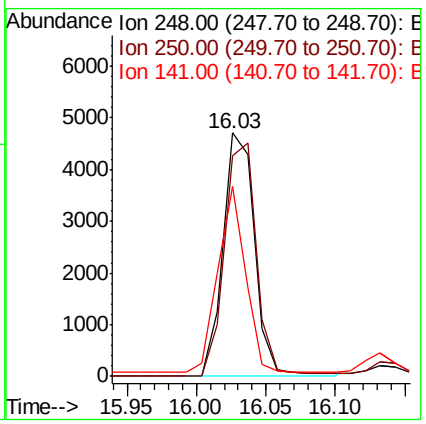


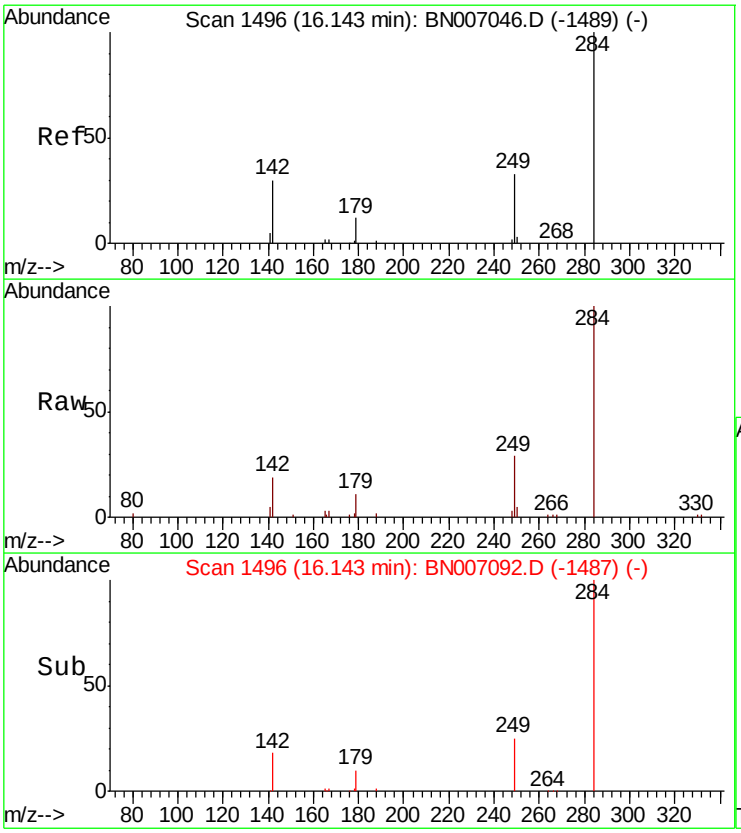
#19
4-Bromophenyl-phenylether
Concen: 0.332 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 7439

Ion	Ratio	Lower	Upper
248	100		
250	90.6	78.9	118.3
141	78.2	43.3	64.9#

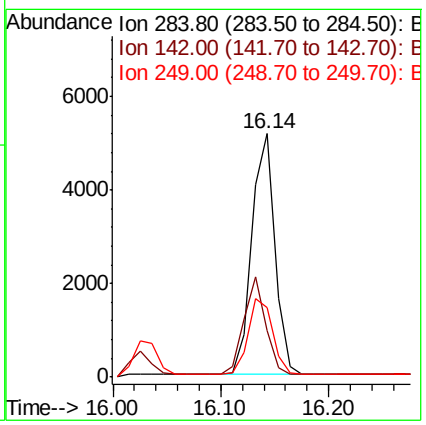


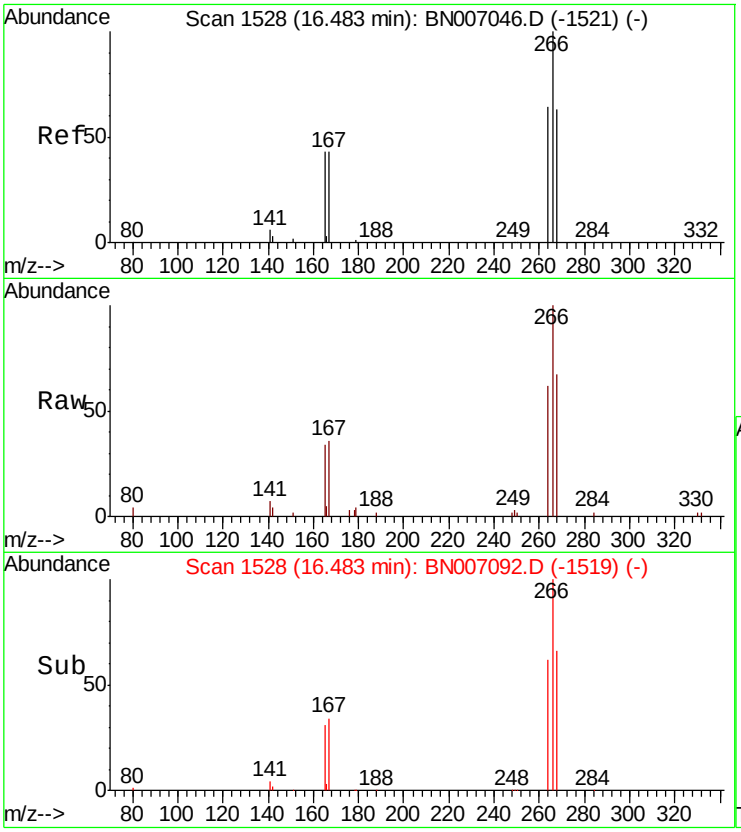


#20
Hexachlorobenzene
Concen: 0.353 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:284 Resp: 7607

Ion	Ratio	Lower	Upper
284	100		
142	38.1	30.5	45.7
249	33.0	26.7	40.1



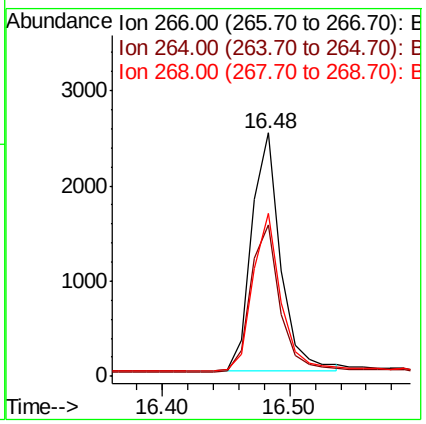


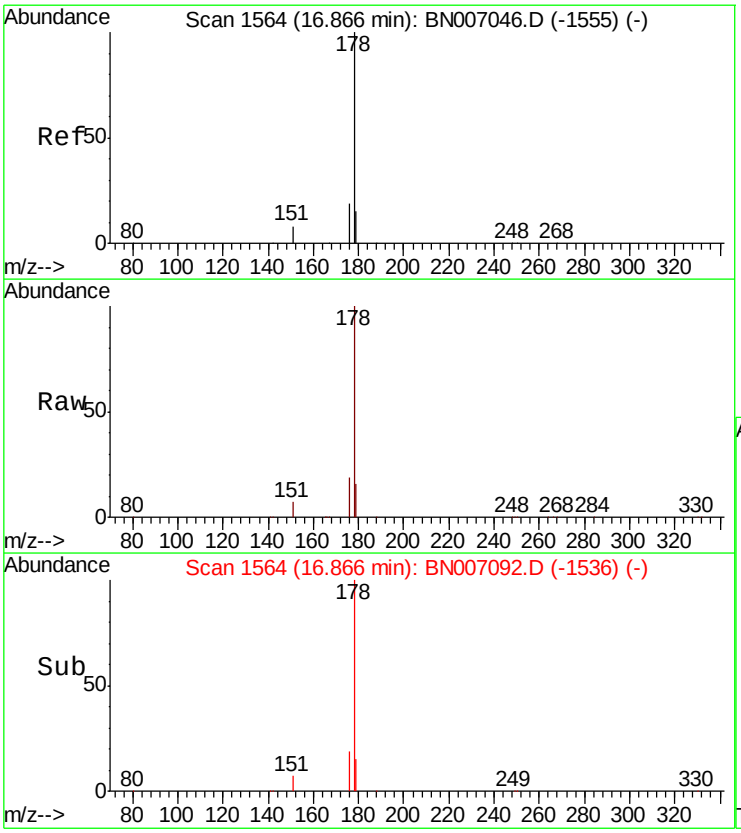
#21
Pentachlorophenol
Concen: 0.496 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 3990

Ion	Ratio	Lower	Upper
266	100		
264	62.3	52.3	78.5
268	67.2	51.5	77.3

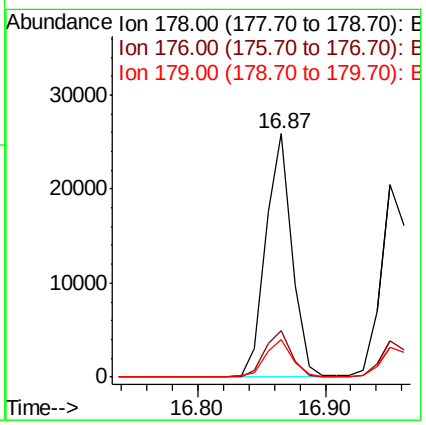


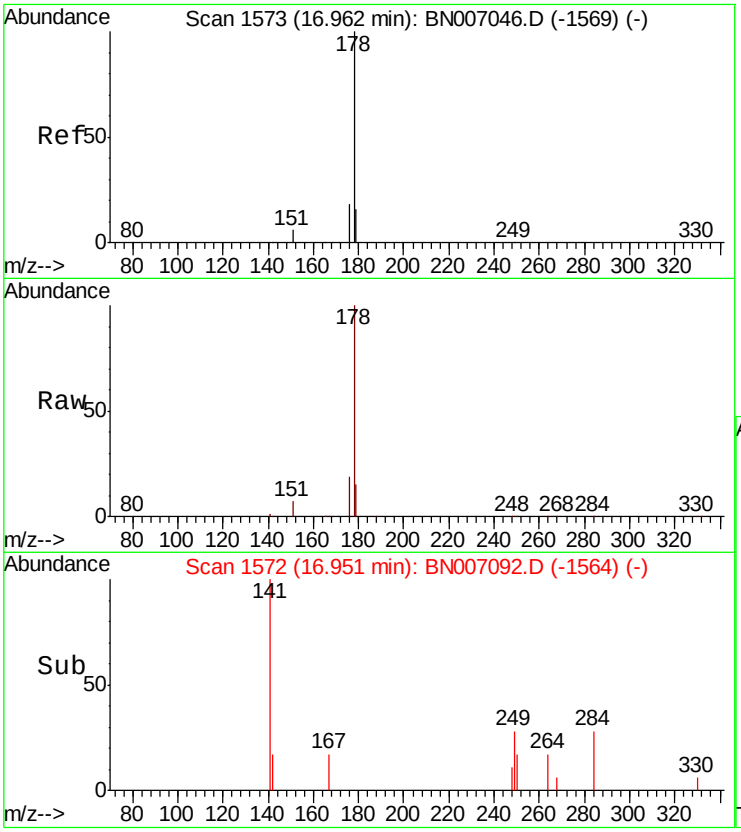


#22
Phenanthrene
Concen: 0.336 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:178 Resp: 36556

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.3	18.5



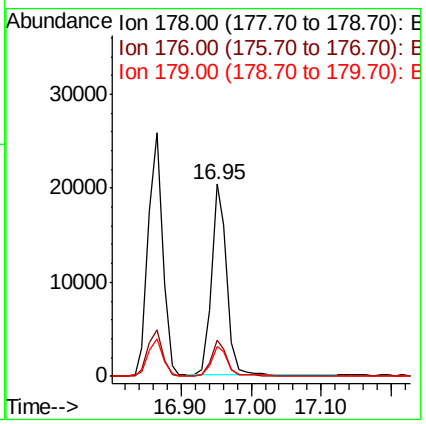


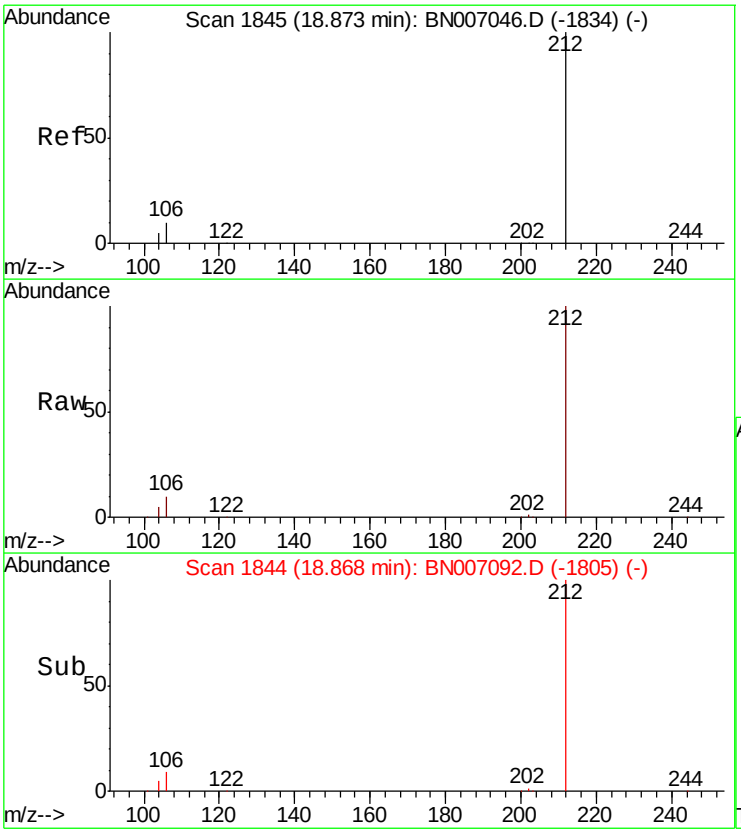
#23
Anthracene
Concen: 0.314 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 31216

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.3	12.5	18.7

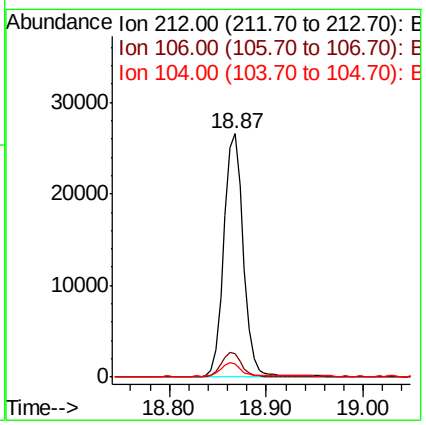


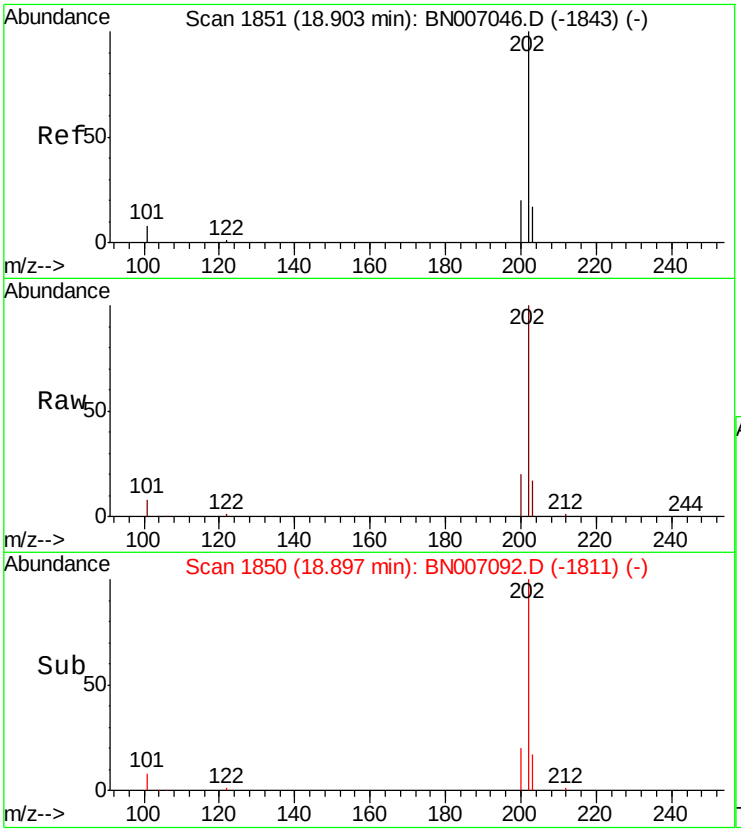


#24
Fluoranthene-d10
Concen: 0.287 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:212 Resp: 36923

Ion	Ratio	Lower	Upper
212	100		
106	10.0	8.2	12.2
104	5.5	4.5	6.7



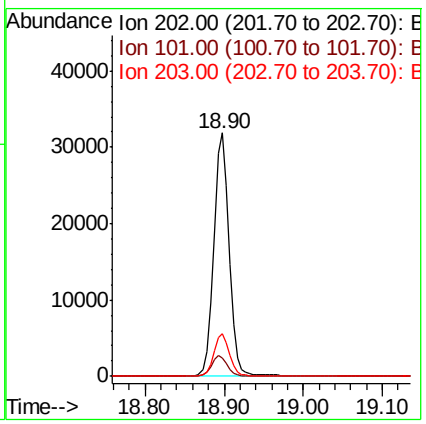


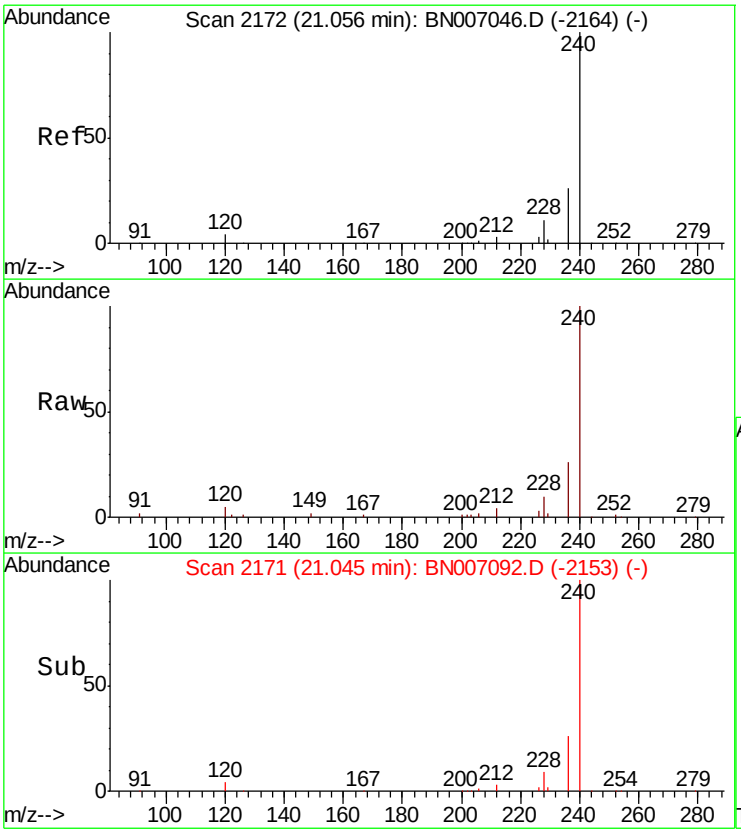
#25
Fluoranthene
Concen: 0.311 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 43218

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.4
203	17.3	13.8	20.8

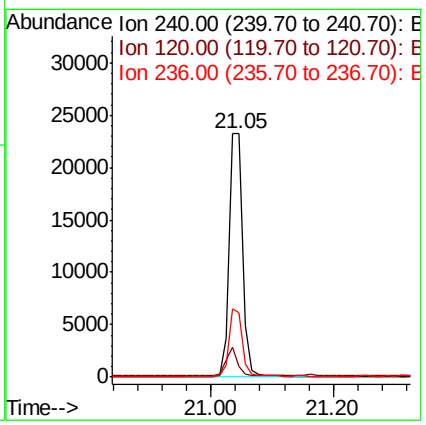


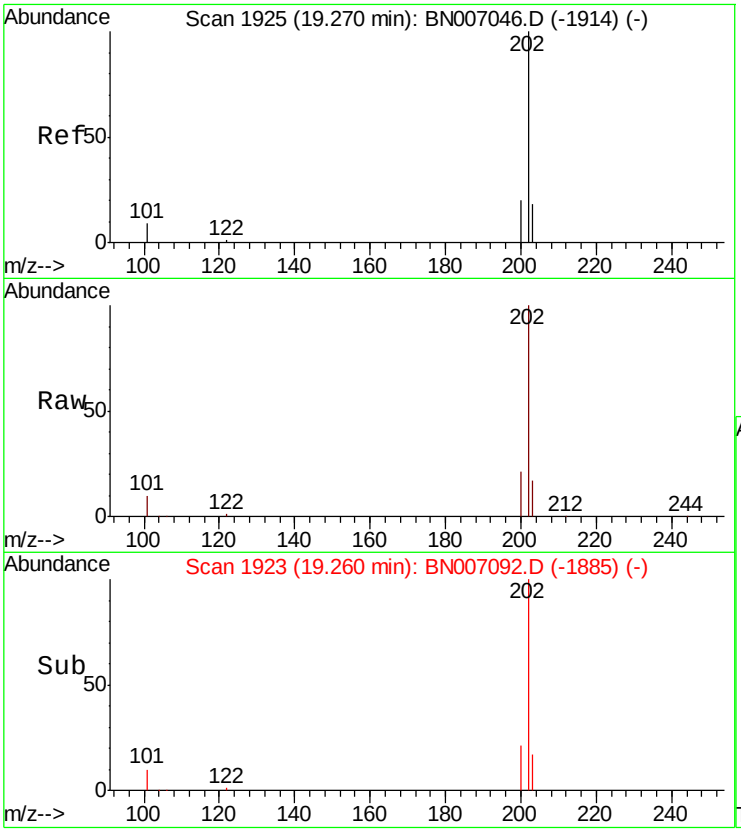


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:240 Resp: 35838

Ion	Ratio	Lower	Upper
240	100		
120	4.5	4.0	6.0
236	26.3	21.3	31.9



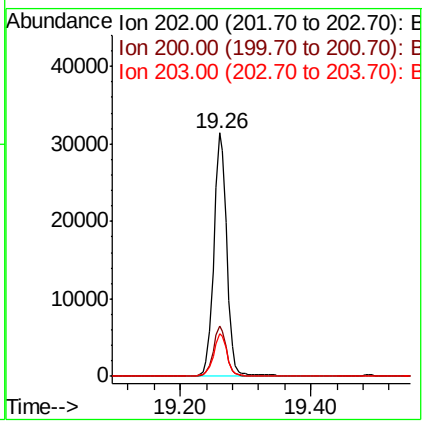


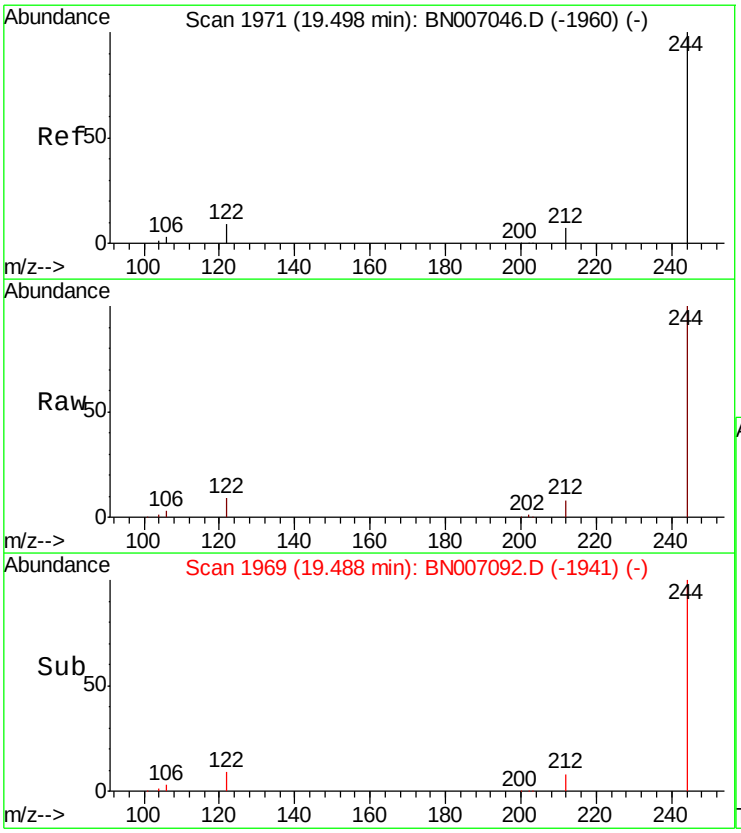
#27
Pyrene
Concen: 0.342 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 42921

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.7	14.0	21.0

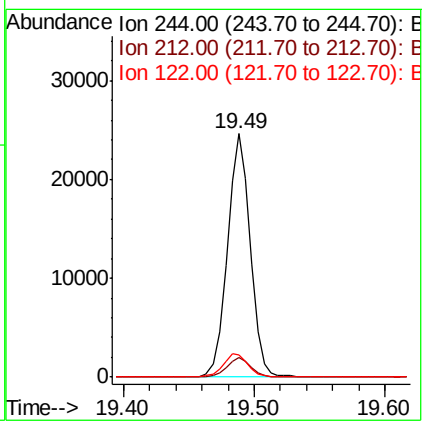


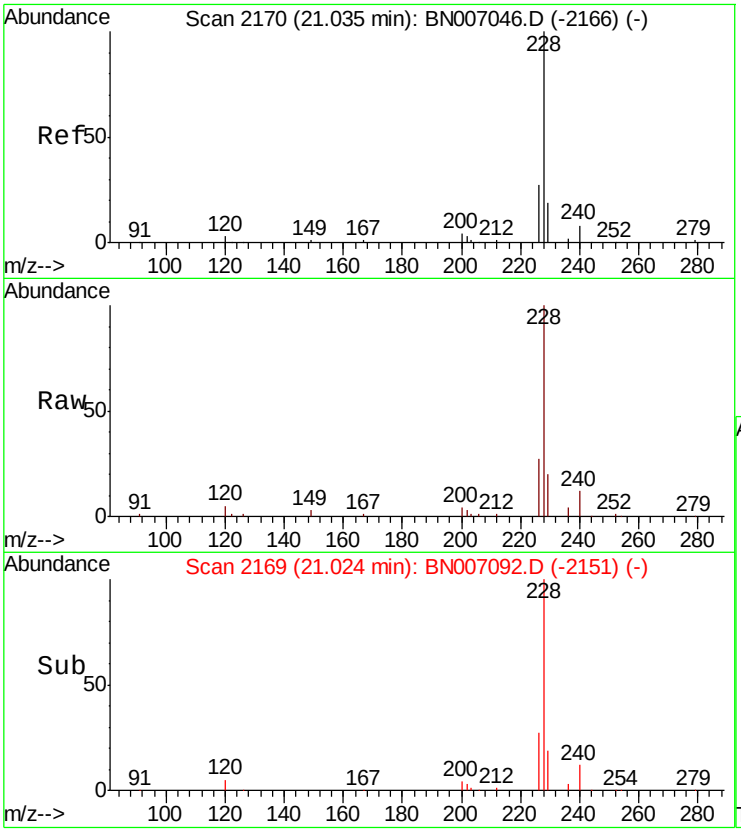


#28
Terphenyl-d14
Concen: 0.304 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:244 Resp: 29697

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	9.3	7.4	11.2



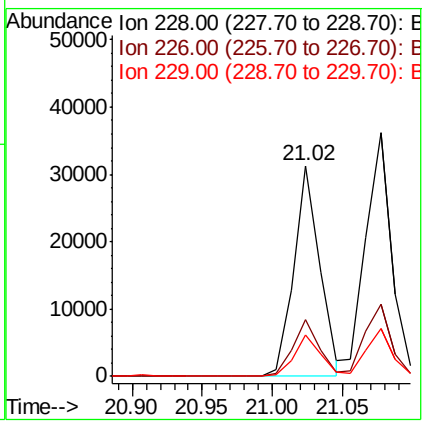


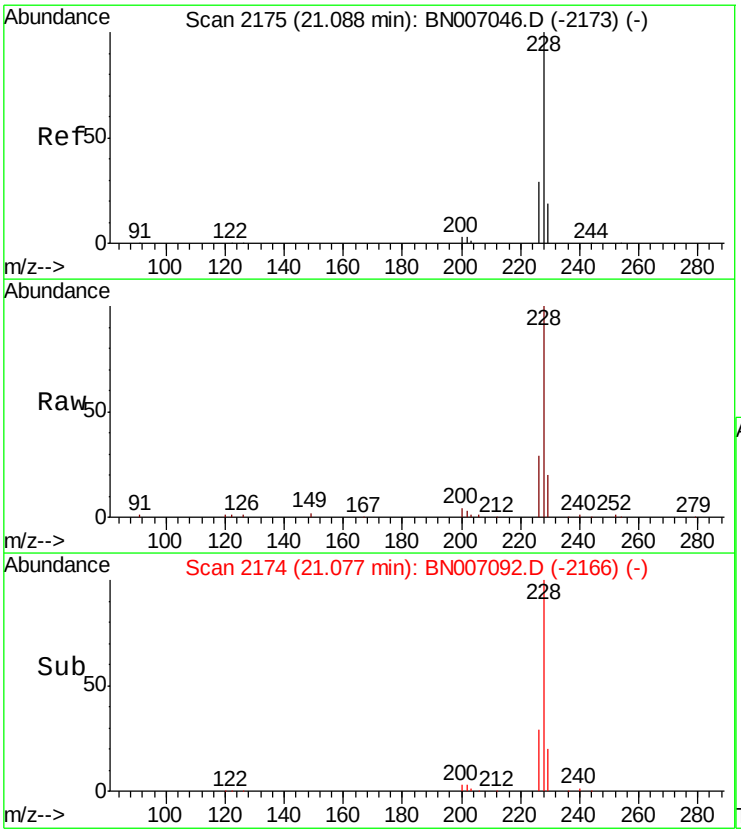
#29
Benzo(a)anthracene
Concen: 0.305 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 39922

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.5	15.6	23.4

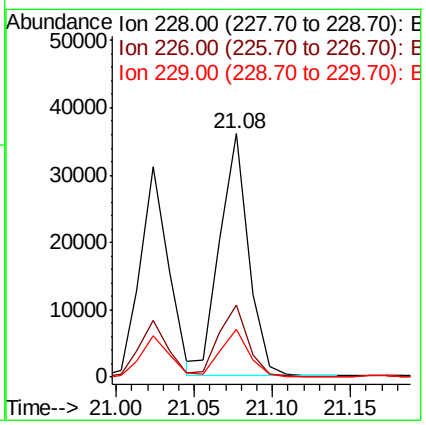


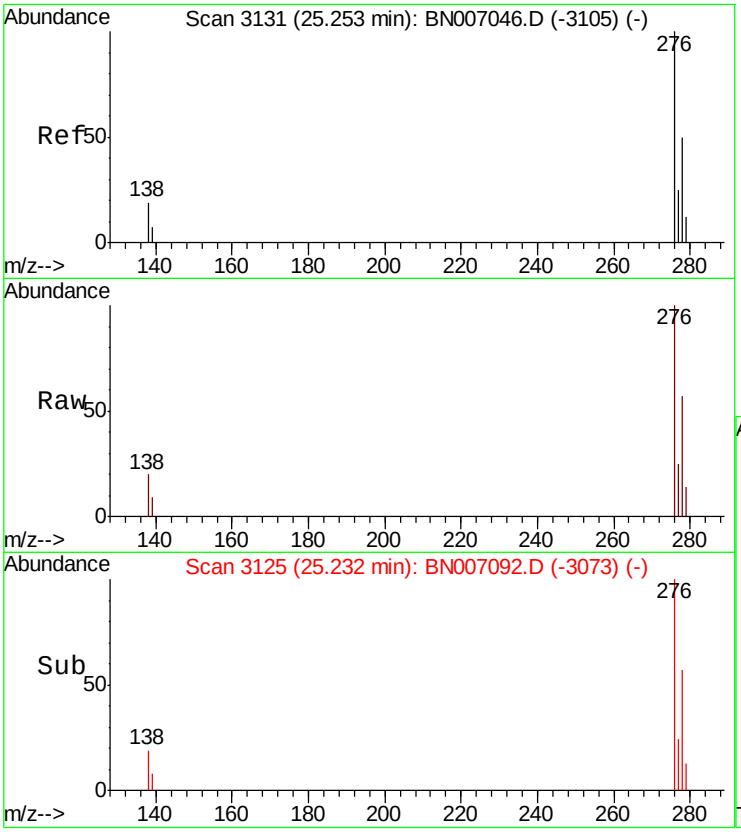


#30
Chrysene
Concen: 0.362 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:228 Resp: 46133

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	19.7	15.7	23.5



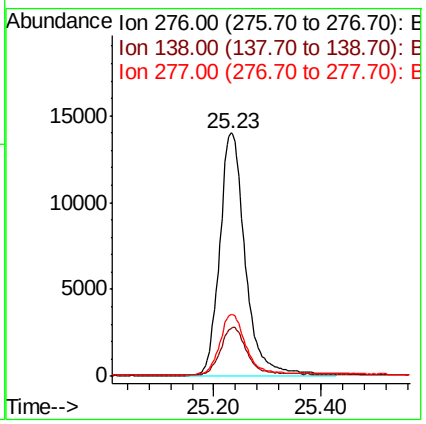


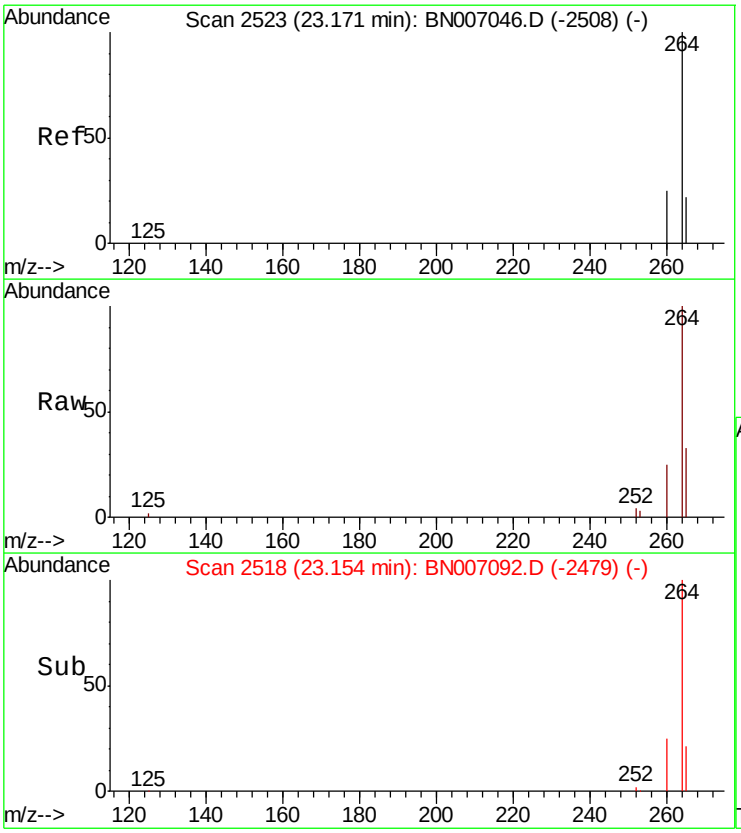
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 46001

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.0	24.0
277	25.0	19.9	29.9

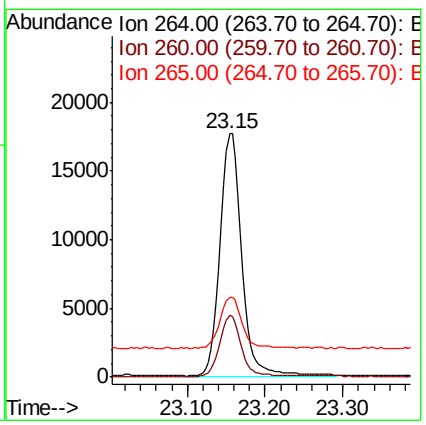


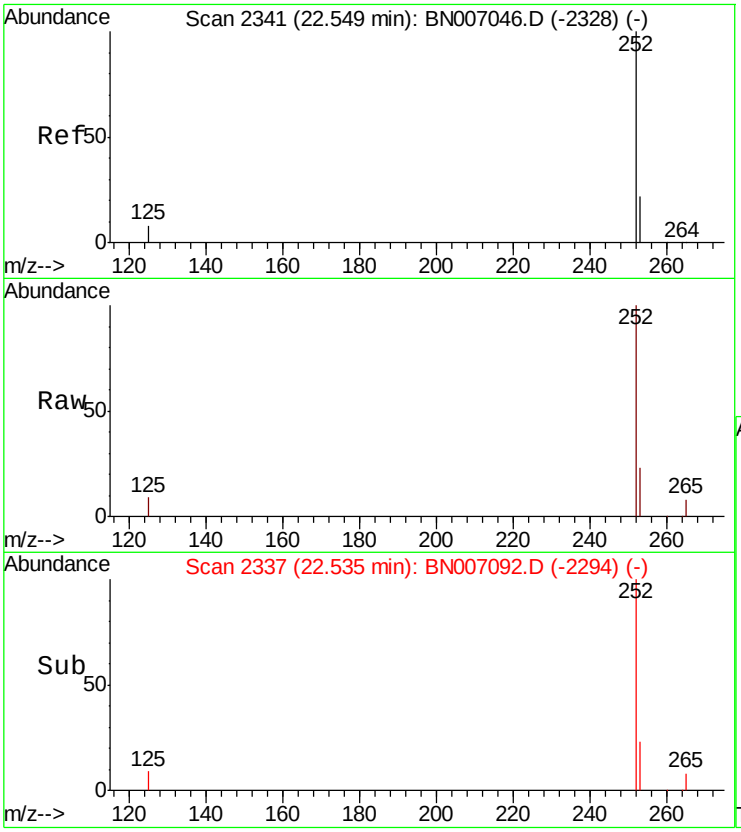


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:264 Resp: 33935

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	32.7	26.2	39.4



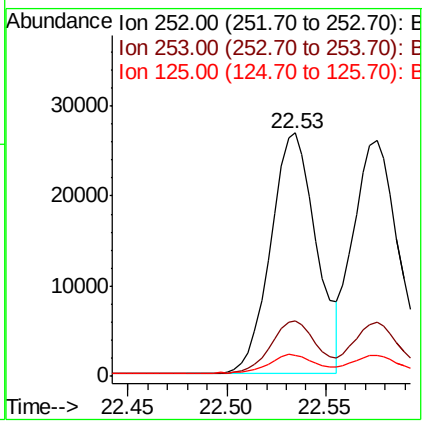


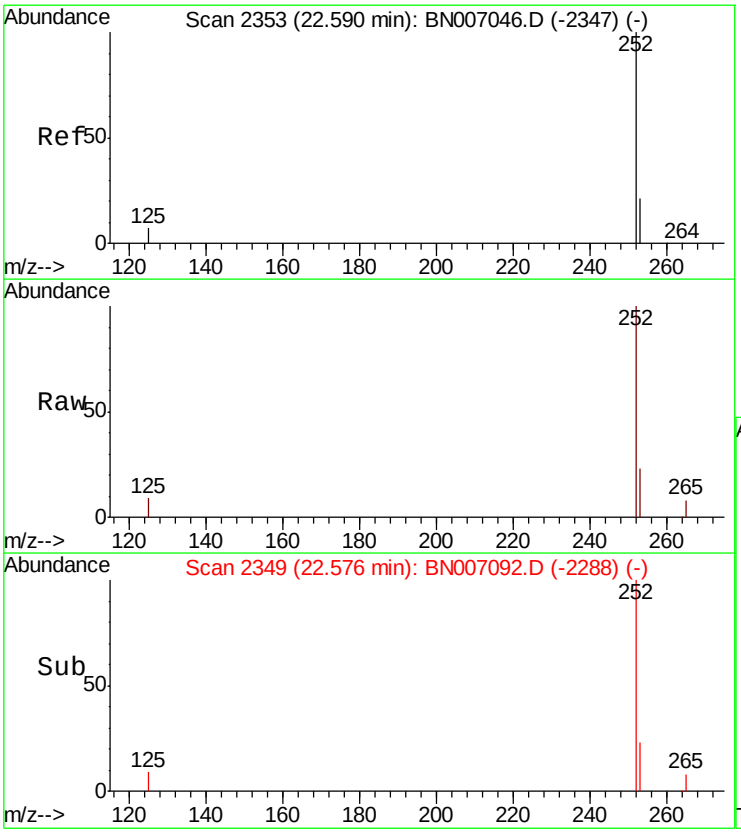
#33
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 42863

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.8	7.4	11.0

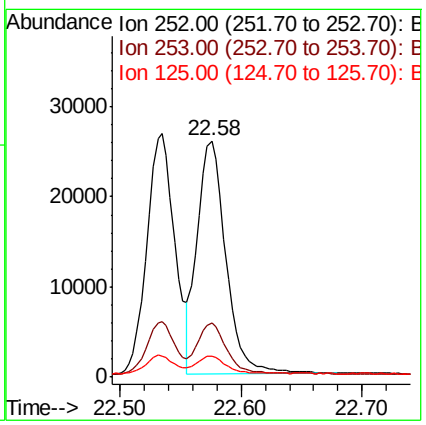


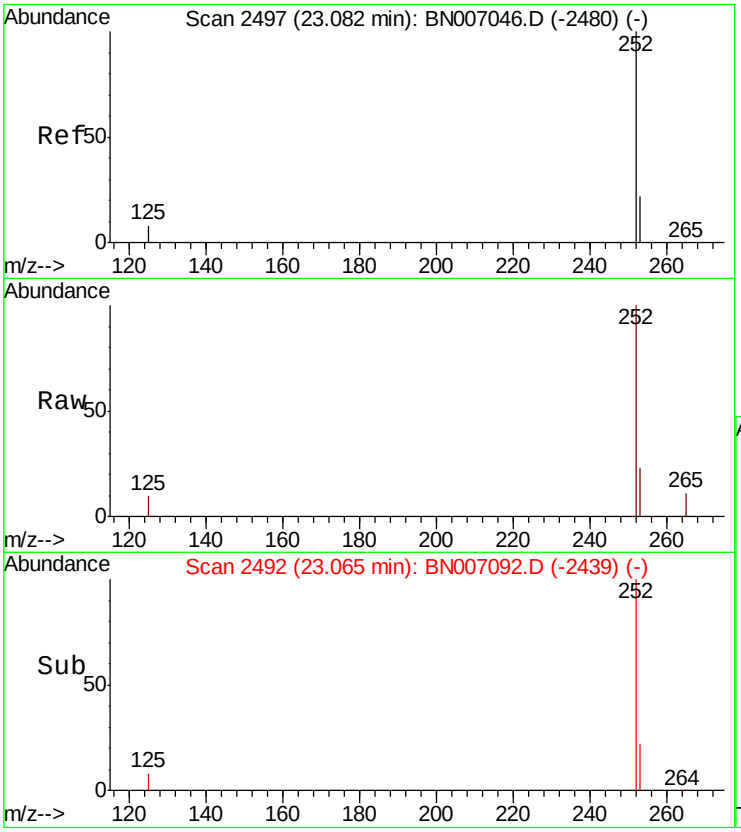


#34
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 22.58 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:252 Resp: 42444

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	8.7	7.4	11.0



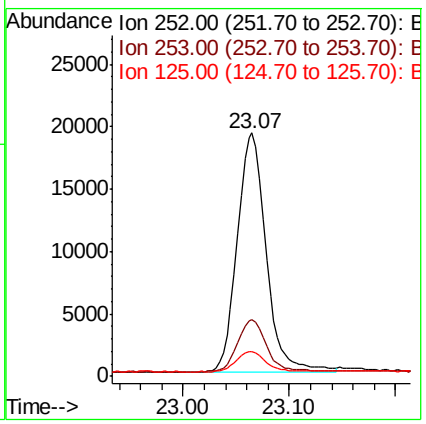


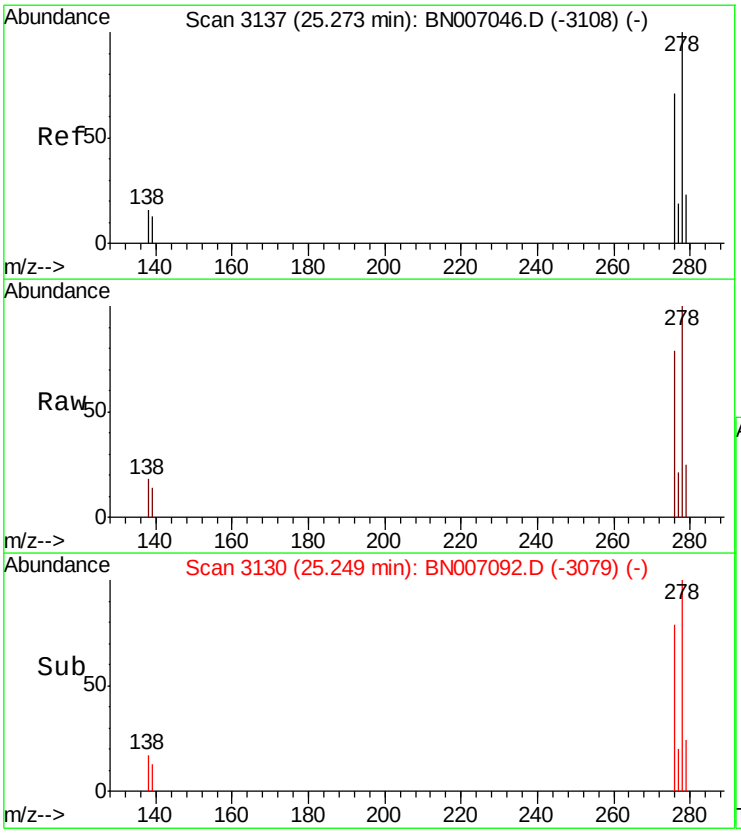
#35
Benzo(a)pyrene
Concen: 0.347 ng
RT: 23.07 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 36600

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	10.1	8.2	12.4

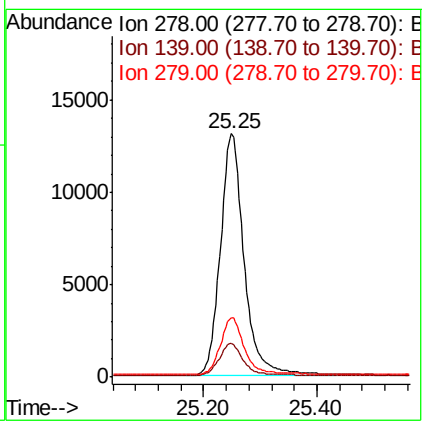


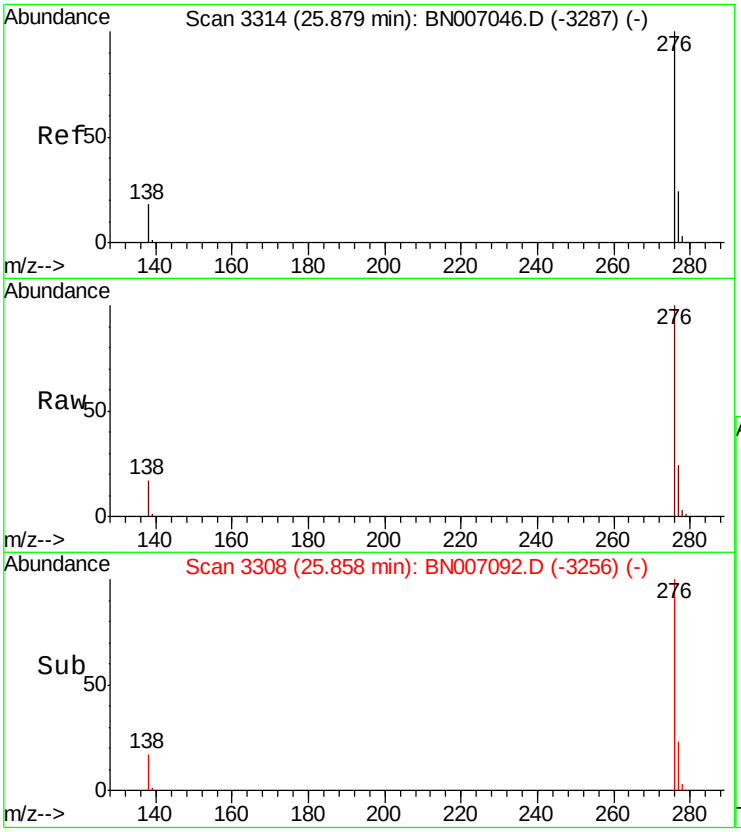


#36
Dibenzo(a,h)anthracene
Concen: 0.363 ng
RT: 25.25 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:278 Resp: 38201

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.3	16.9
279	24.6	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.378 ng
RT: 25.86 min Scan# 3308
Delta R.T. -0.02 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 40935

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	17.2	14.6	22.0