Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007078.D
Acq On : 11 Aug 2019 09:48
Operator : HP/JU
Sample : K4143-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 12 04:42:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : 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	9857	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	37785	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	21949	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	55734	0.40	ng		0.00
26) Chrysene-d12	21.04	240	57817	0.40	ng		-0.01
32) Perylene-d12	23.16	264	63978	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5217	0.22	ng		0.00
4) Phenol-d6	6.61	99	7037	0.24	ng		0.00
7) Nitrobenzene-d5	8.56	82	5283	0.17	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	14412	0.20	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1665	0.14	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	4196	0.13	ng		0.00
24) Fluoranthene-d10	18.87	212	37912	0.19	ng		0.00
28) Terphenyl-d14	19.49	244	30046	0.19	ng		-0.01
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.34	42	1618	0.249	ng	#	85
5) bis(2-Chloroethyl)ether	6.87	93	4806	0.185	ng		99
8) Naphthalene	10.24	128	17621	0.166	ng		100
9) Hexachlorobutadiene	10.54	225	3505	0.155	ng	#	99
11) 2-Methylnaphthalene	11.86	142	12853	0.171	ng		97
15) Acenaphthylene	13.79	152	19873	0.173	ng		99
16) Acenaphthene	14.13	154	12415	0.169	ng		100
17) Fluorene	15.13	166	16868	0.153	ng		99
19) 4-Bromophenyl-phenylether	16.03	248	6463	0.187	ng	#	81
20) Hexachlorobenzene	16.14	284	5657	0.171	ng		100
21) Pentachlorophenol	16.48	266	1800	0.146	ng		97
22) Phenanthrene	16.87	178	33689	0.202	ng		100
23) Anthracene	16.95	178	29074	0.191	ng		99
25) Fluoranthene	18.90	202	44311	0.207	ng		100
27) Pyrene	19.26	202	45995	0.227	ng		99
29) Benzo(a)anthracene	21.02	228	42672	0.202	ng		99
30) Chrysene	21.08	228	40903	0.199	ng		99
31) Indeno(1,2,3-cd)pyrene	25.24	276	49729	0.220	ng		99
33) Benzo(b)fluoranthene	22.53	252	44083	0.201	ng		99
34) Benzo(k)fluoranthene	22.58	252	42349	0.195	ng		98
35) Benzo(a)pyrene	23.06	252	38993	0.196	ng		99
36) Dibenzo(a,h)anthracene	25.26	278	39719	0.200	ng	#	96
37) Benzo(g,h,i)perylene	25.86	276	42568	0.209	ng		100

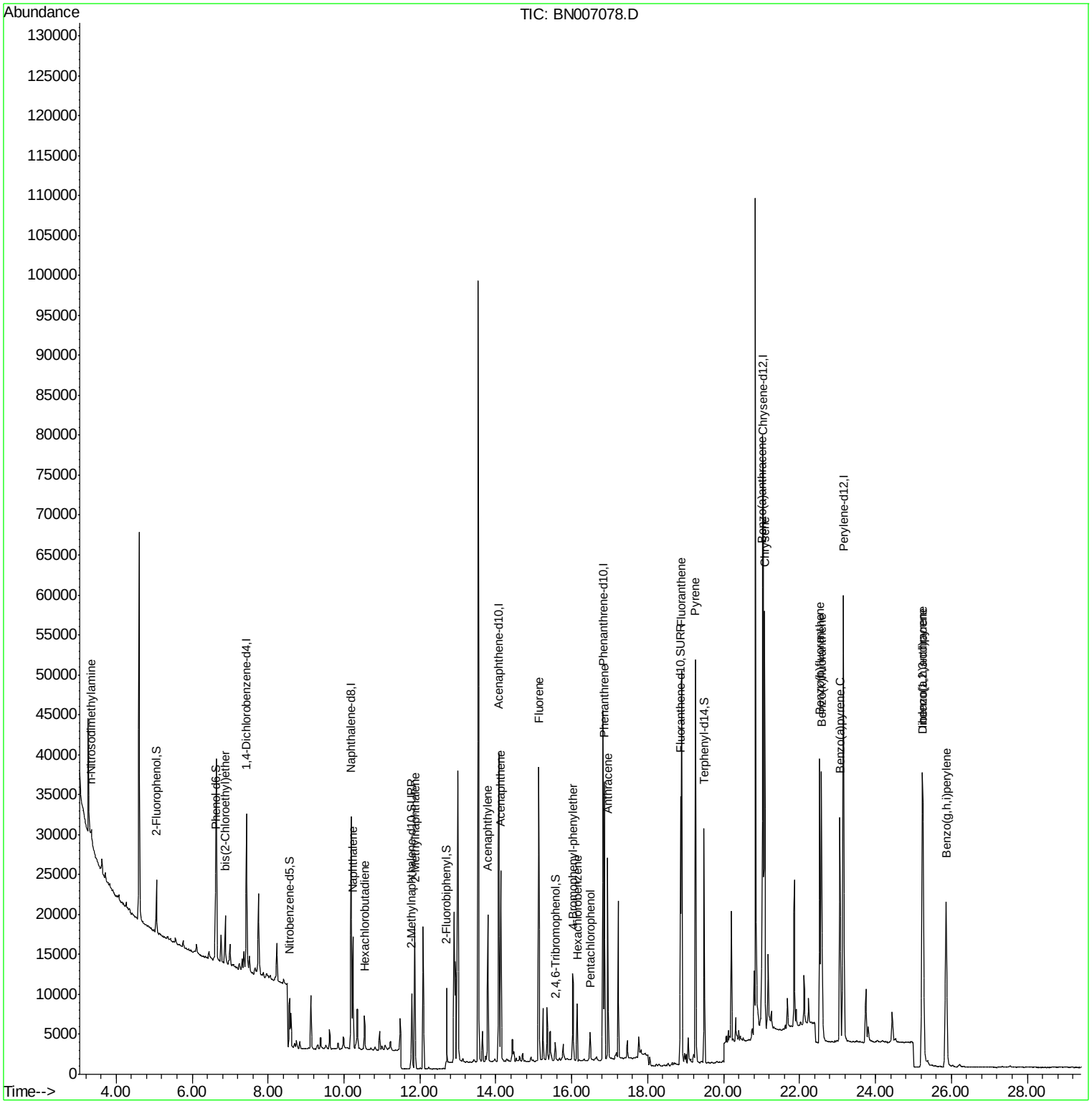
(#) = qualifier out of range (m) = manual integration (+) = signals summed

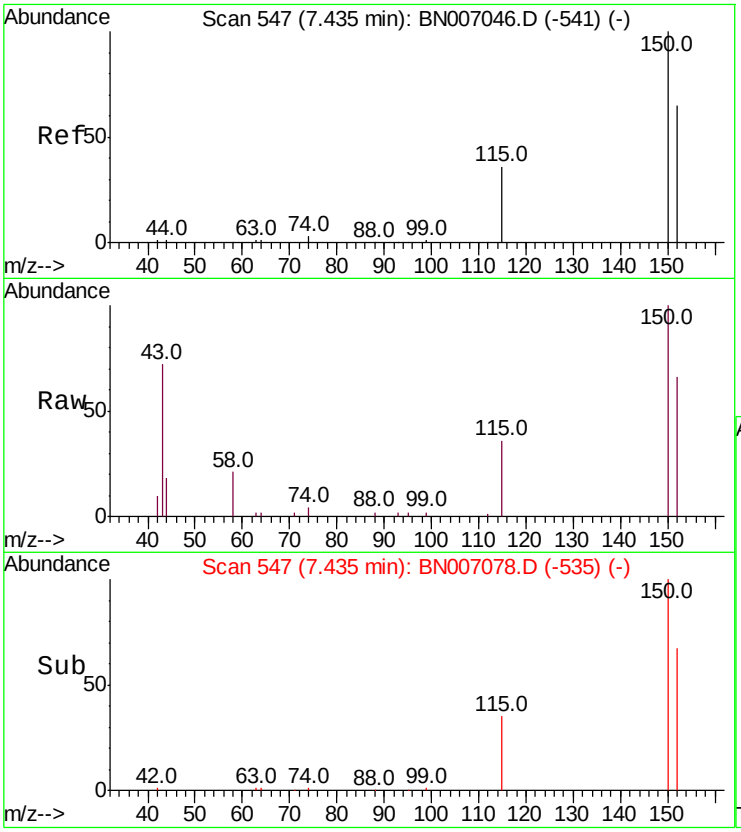
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007078.D
Acq On : 11 Aug 2019 09:48
Operator : HP/JU
Sample : K4143-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 12 04:42:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



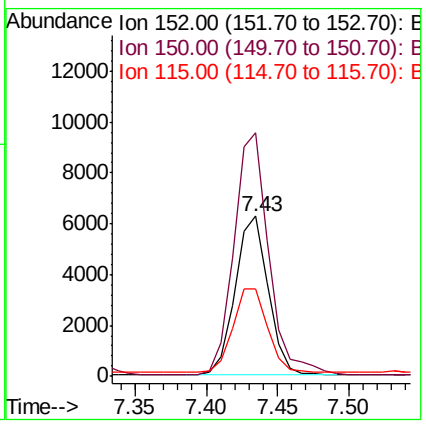


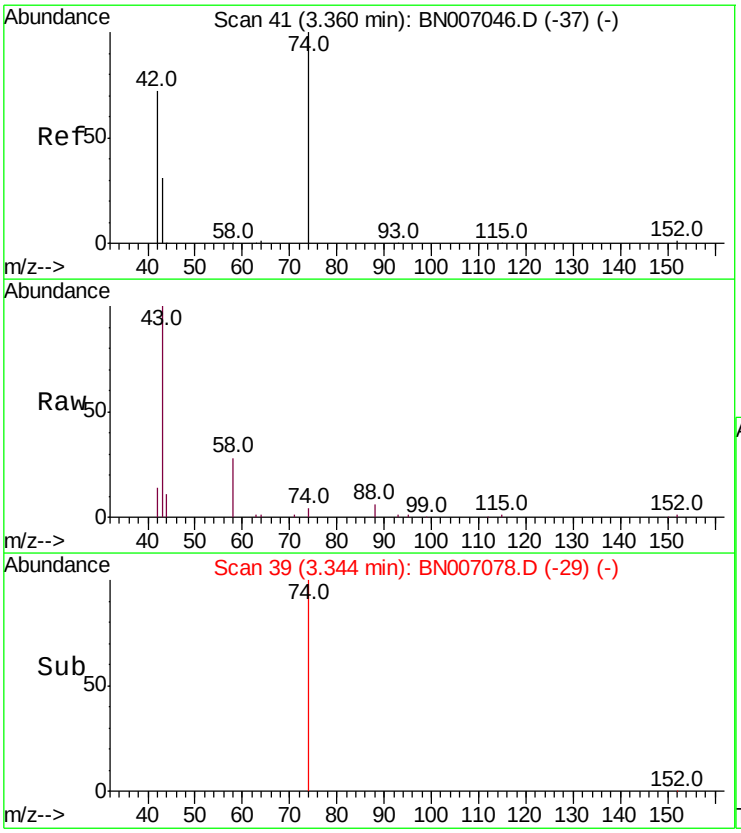
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9857

Ion	Ratio	Lower	Upper
152	100		
150	151.9	121.7	182.5
115	54.4	46.2	69.4

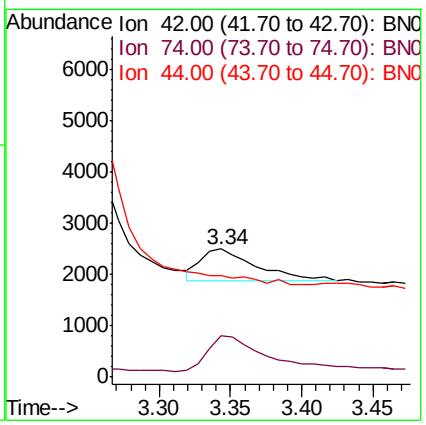


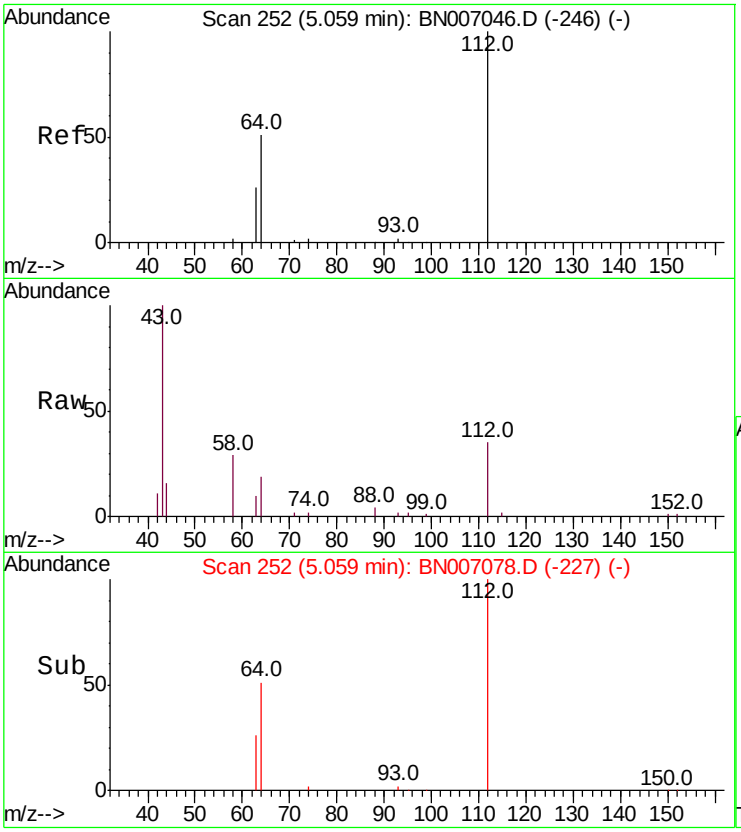


#2
n-Nitrosodimethylamine
Concen: 0.249 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion: 42 Resp: 1618

Ion	Ratio	Lower	Upper
42	100		
74	120.0	110.6	166.0
44	0.0	0.0	0.0



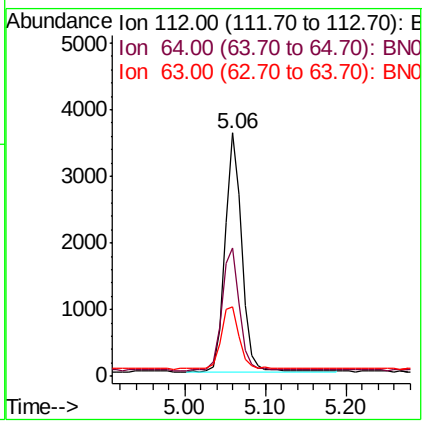


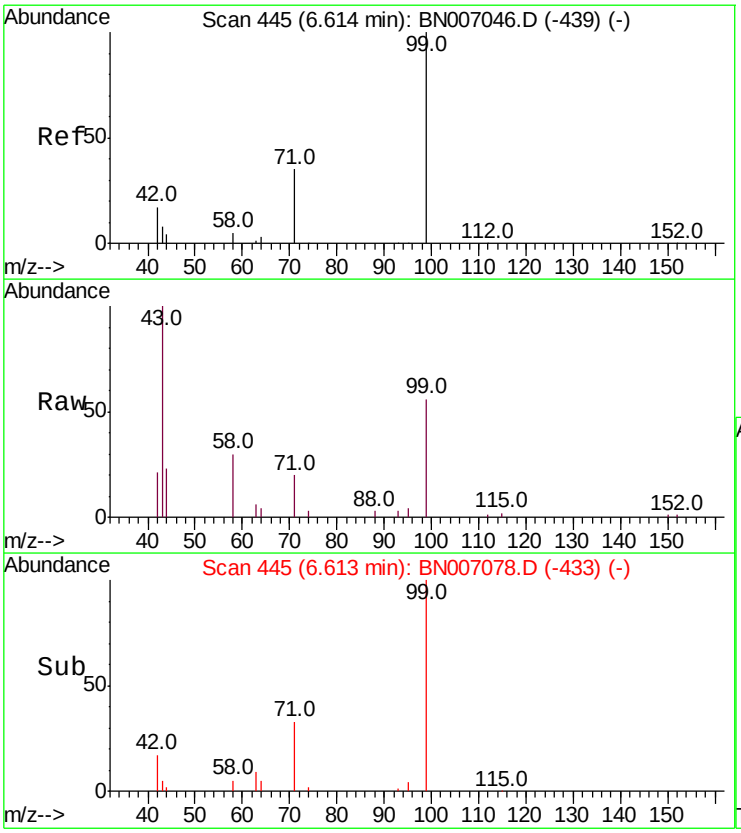
#3
2-Fluorophenol
Concen: 0.220 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 5217

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.6	63.8
63	28.1	22.2	33.2

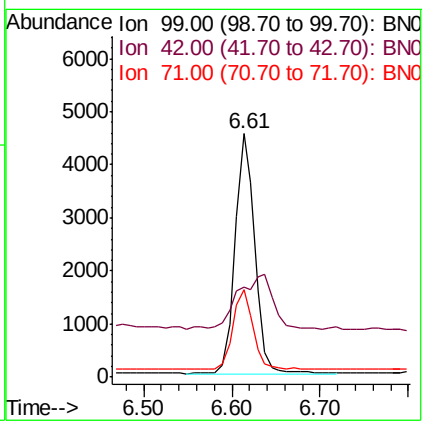


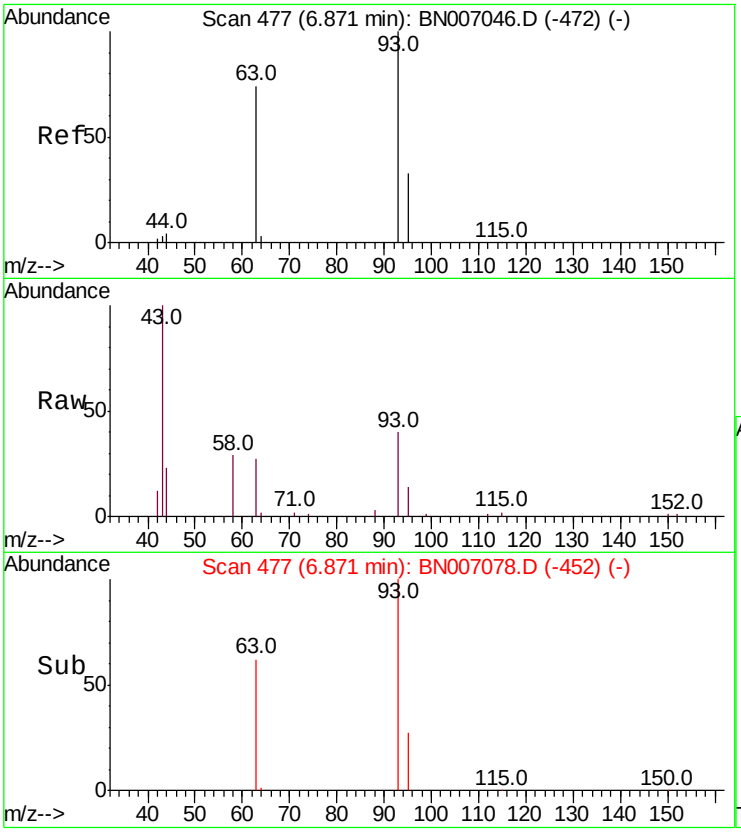


#4
Phenol-d6
Concen: 0.240 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion: 99 Resp: 7037

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	33.9	27.0	40.4



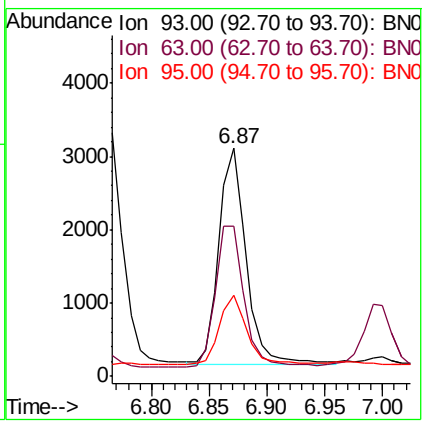


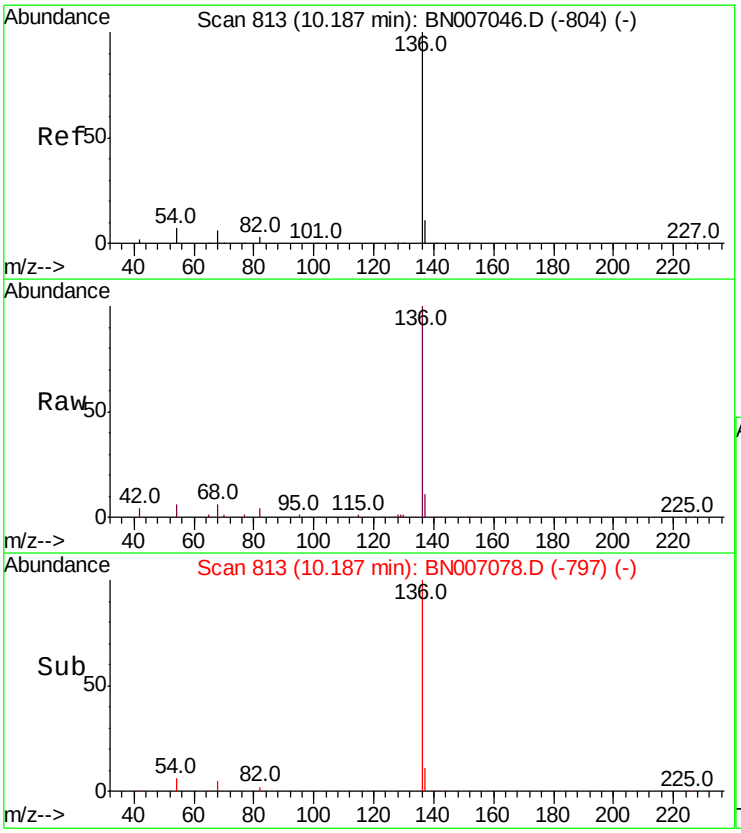
#5
bis(2-Chloroethyl)ether
Concen: 0.185 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 4806

Ion	Ratio	Lower	Upper
93	100		
63	69.7	55.6	83.4
95	32.3	26.7	40.1

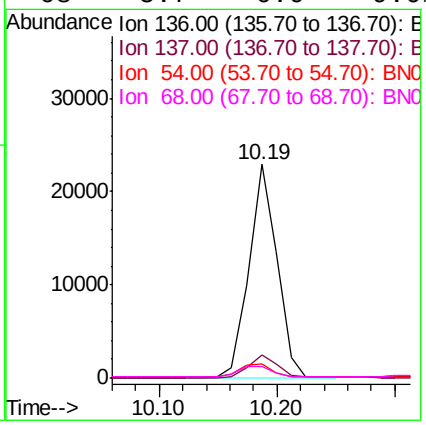


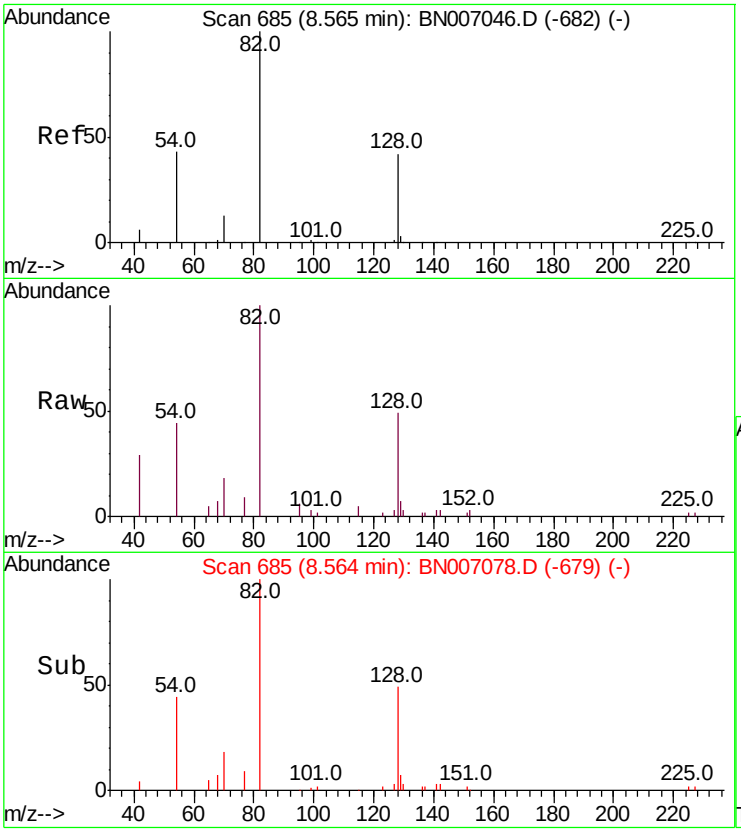


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:136 Resp: 37785

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	6.4	6.6	9.8#
68	5.7	6.0	9.0#



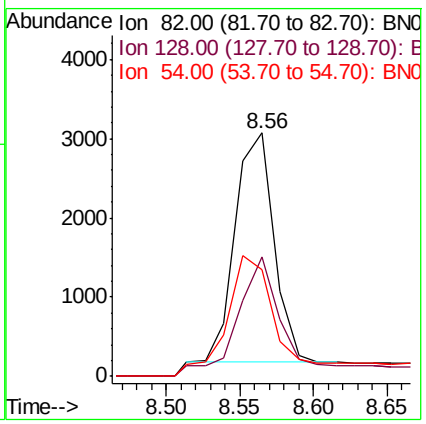


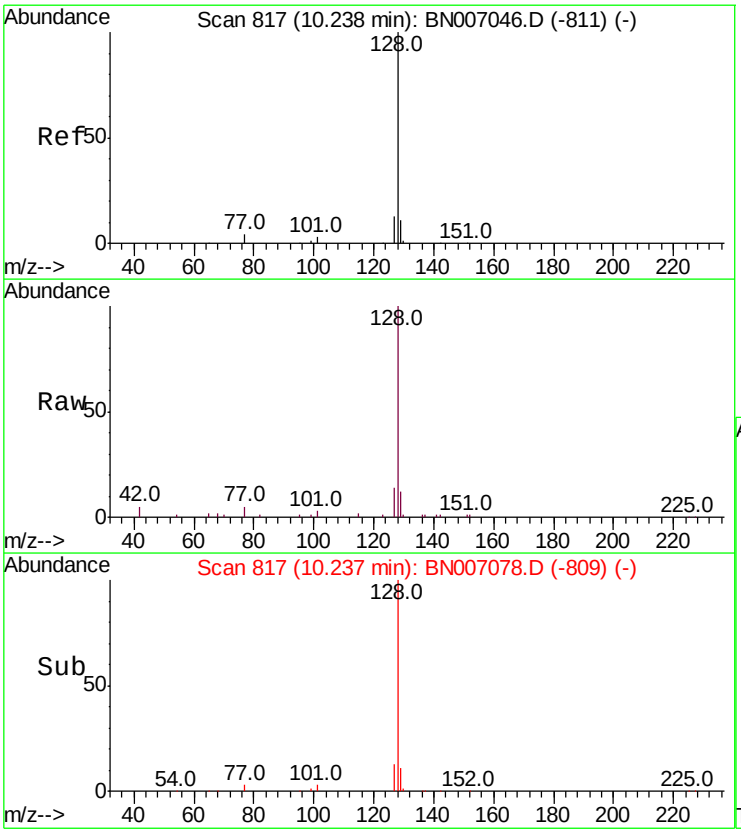
#7
Nitrobenzene-d5
Concen: 0.173 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 5283

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.6	51.8
54	43.7	36.2	54.4

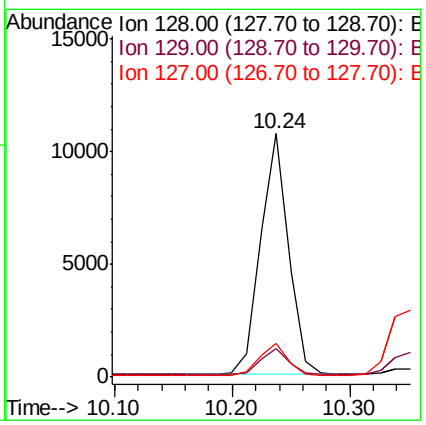


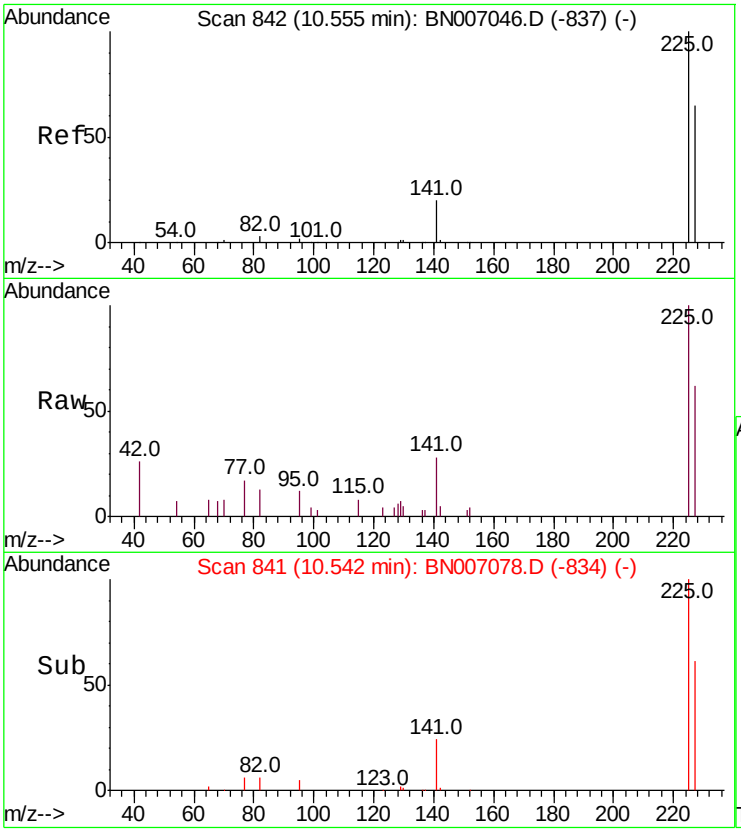


#8
Naphthalene
Concen: 0.166 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:128 Resp: 17621

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	13.7	11.0	16.6



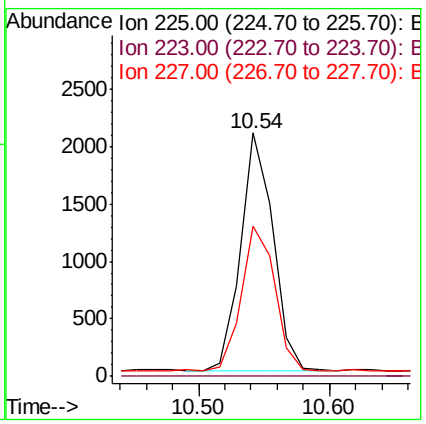


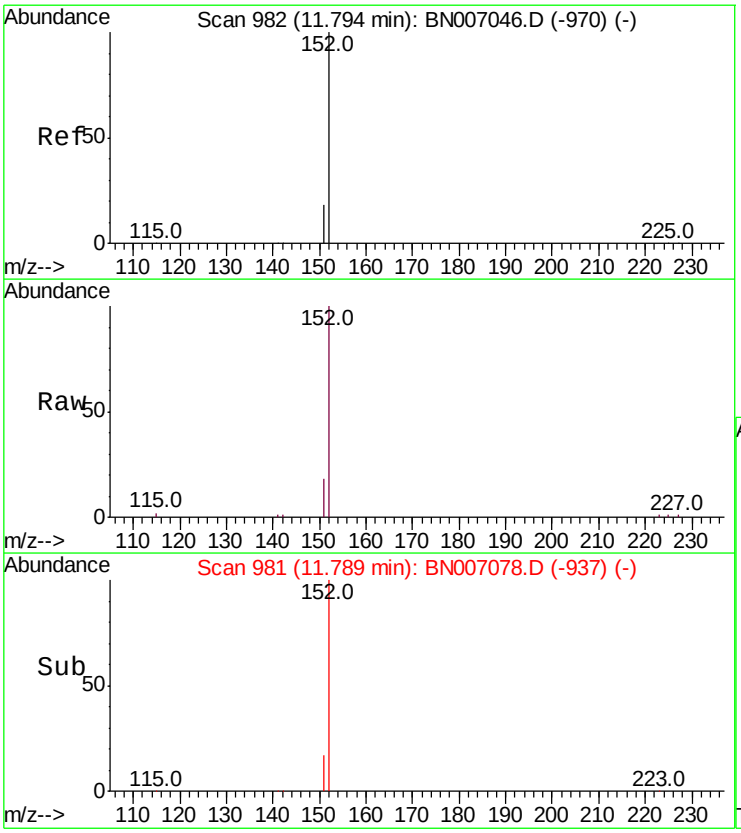
#9
Hexachlorobutadiene
Concen: 0.155 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 3505

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.1	76.7

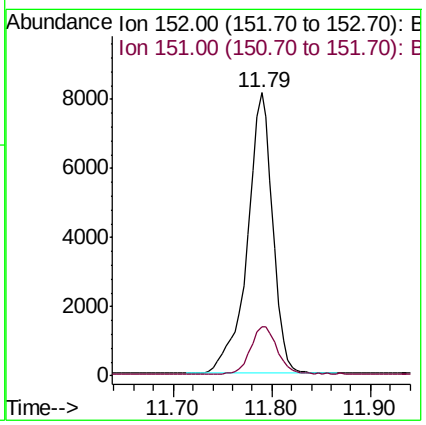


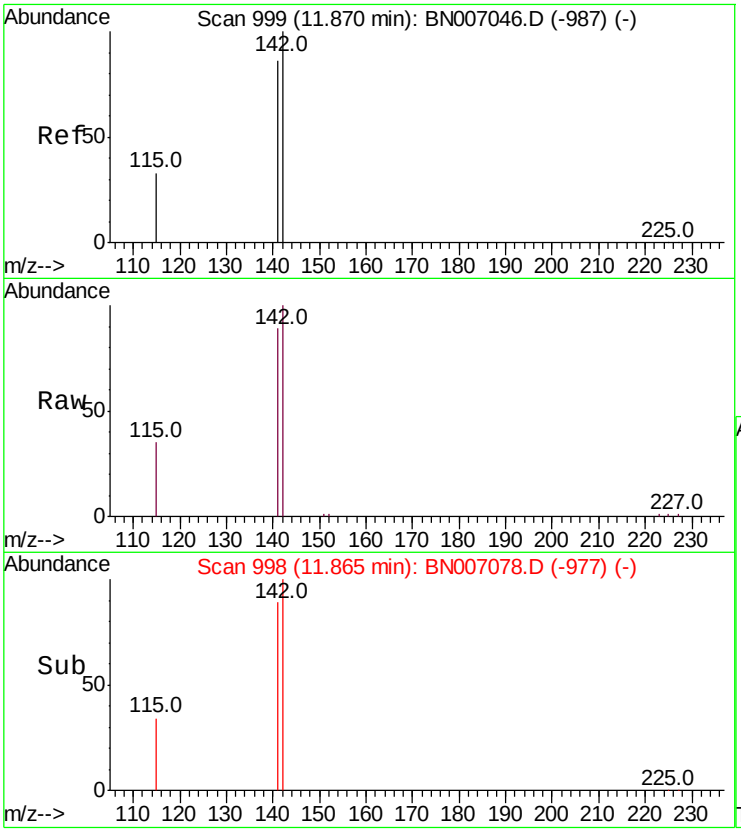


#10
2-Methylnaphthalene-d10
Concen: 0.205 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:152 Resp: 14412

Ion	Ratio	Lower	Upper
152	100		
151	17.4	15.5	23.3



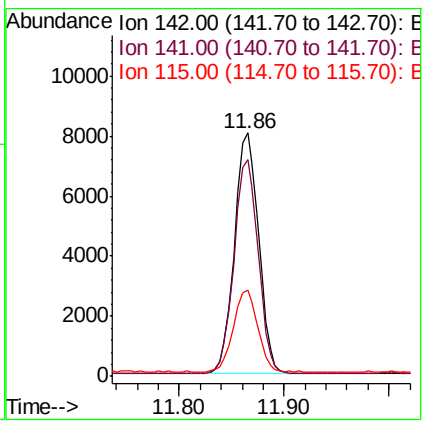


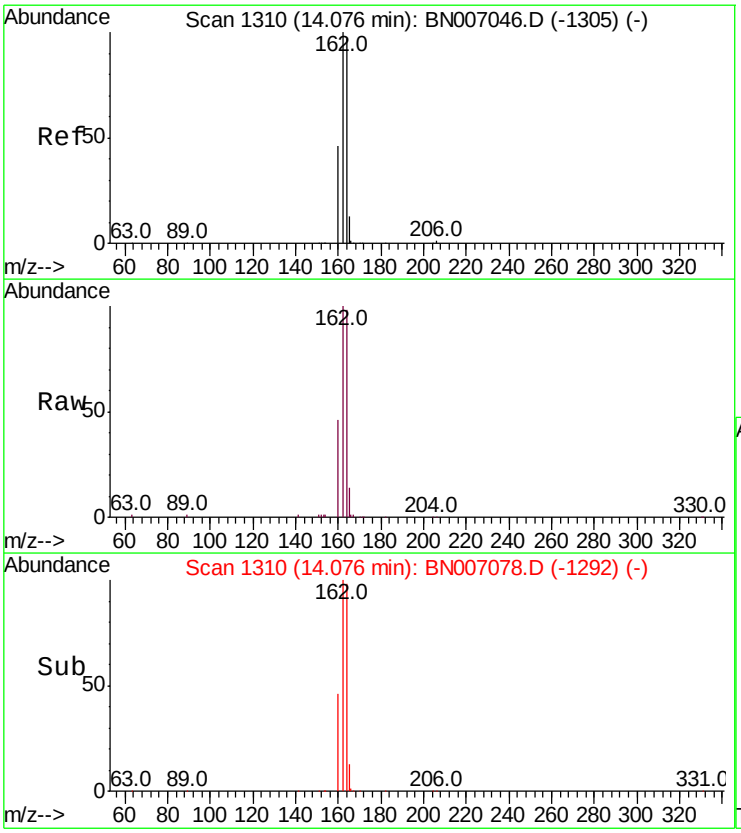
#11
2-Methylnaphthalene
Concen: 0.171 ng
RT: 11.86 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 12853

Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.0	103.6
115	35.5	27.1	40.7

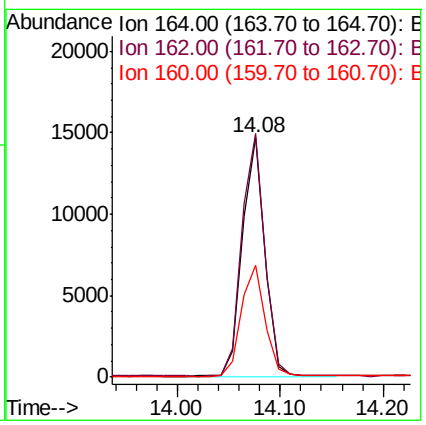


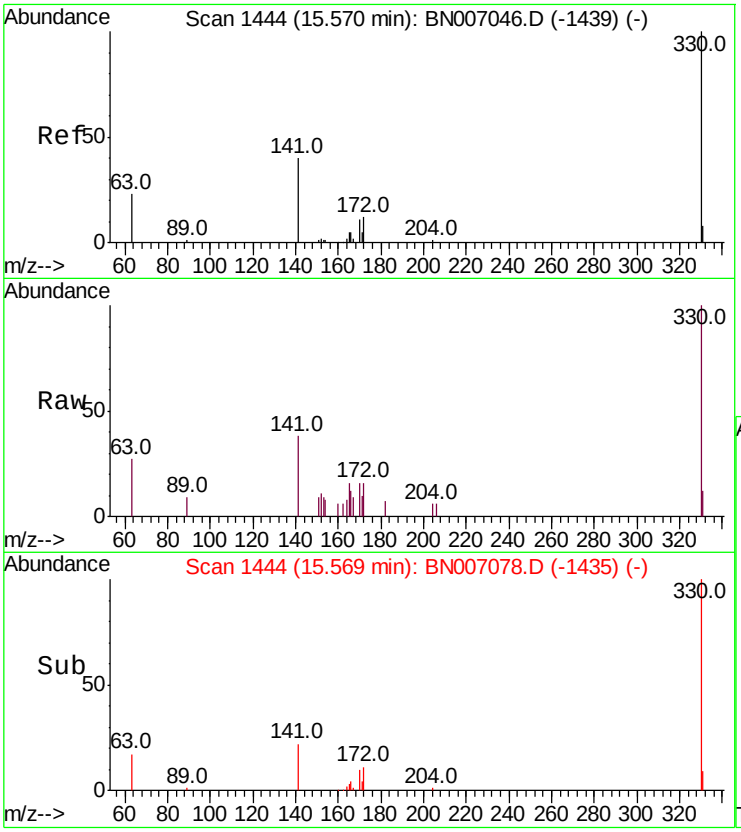


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:164 Resp: 21949

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.4
160	46.6	38.3	57.5



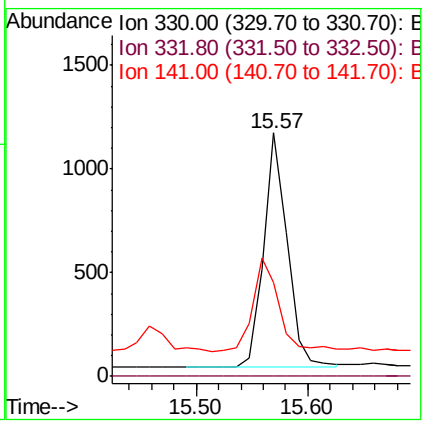


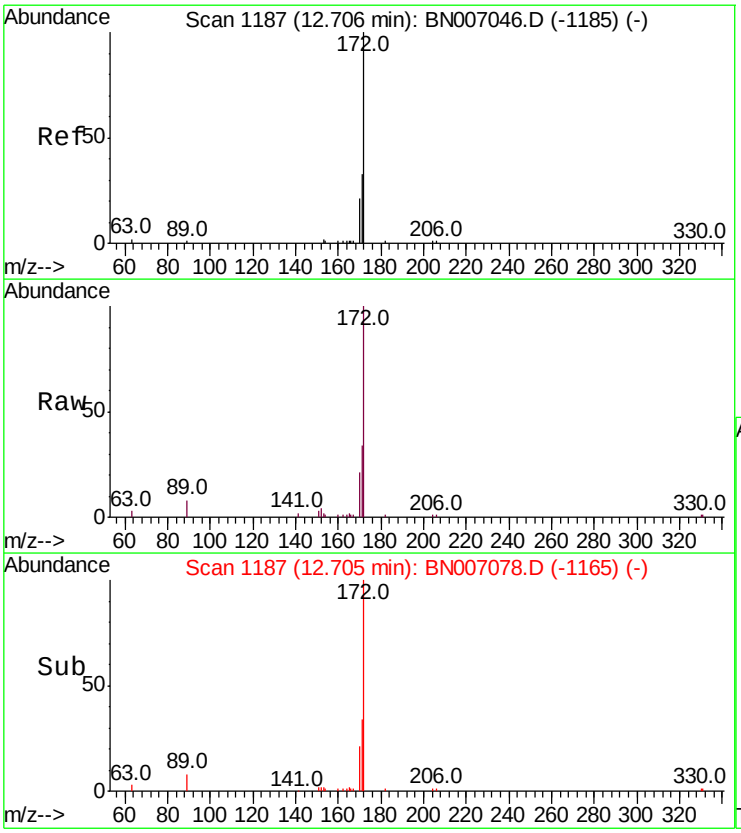
#13
2,4,6-Tribromophenol
Concen: 0.141 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1665

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.9	33.6	50.4

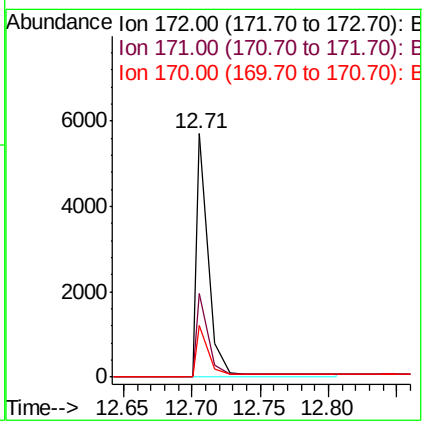


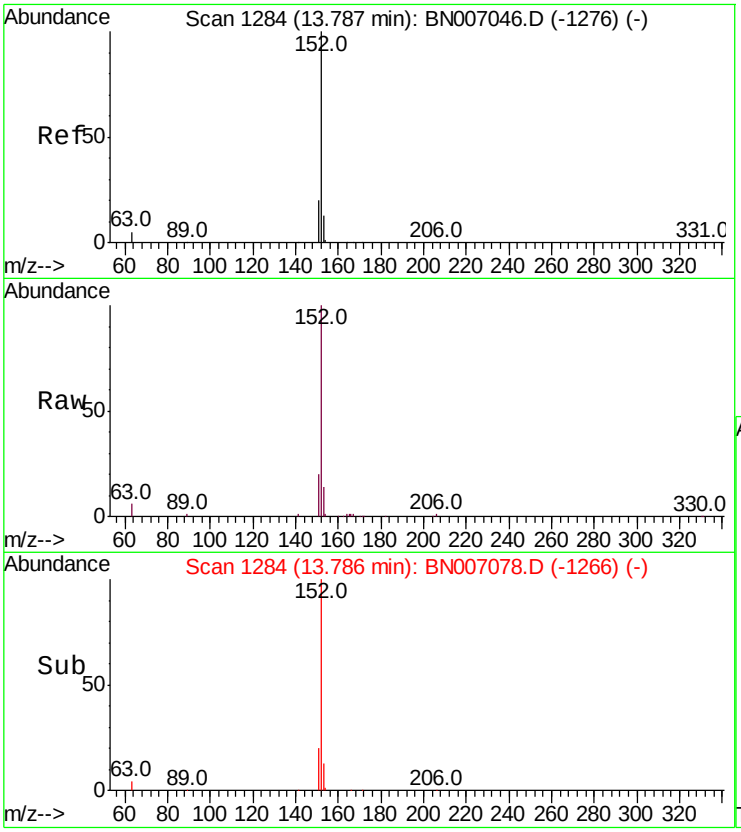


#14
2-Fluorobiphenyl
Concen: 0.131 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:172 Resp: 4196

Ion	Ratio	Lower	Upper
172	100		
171	34.1	26.3	39.5
170	21.2	17.0	25.4



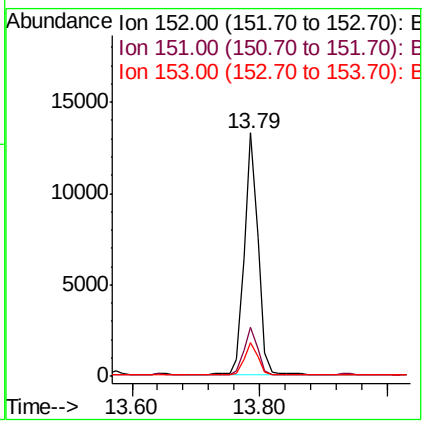


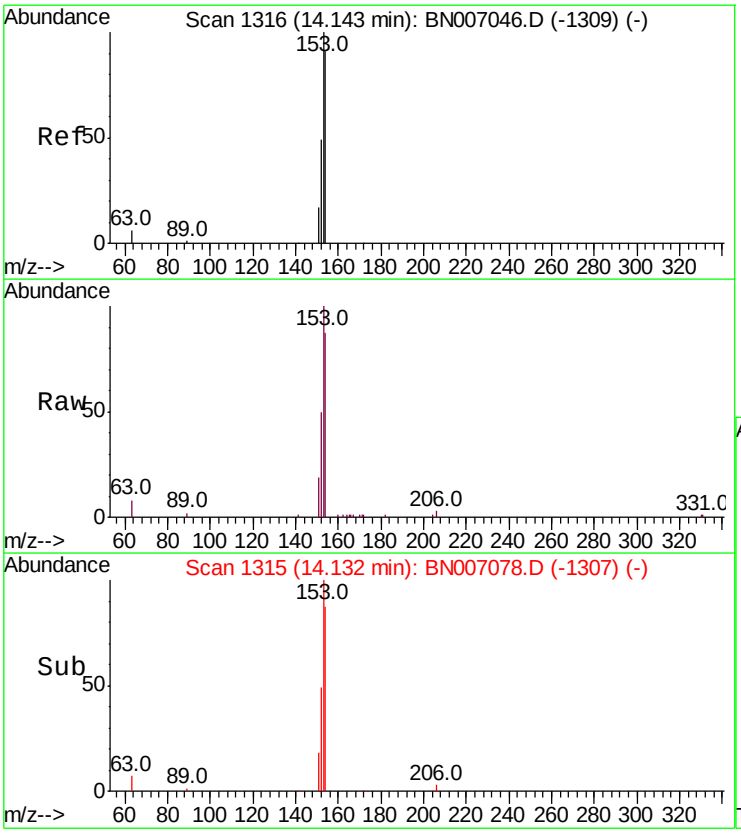
#15
Acenaphthylene
Concen: 0.173 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 19873

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.2	10.4	15.6

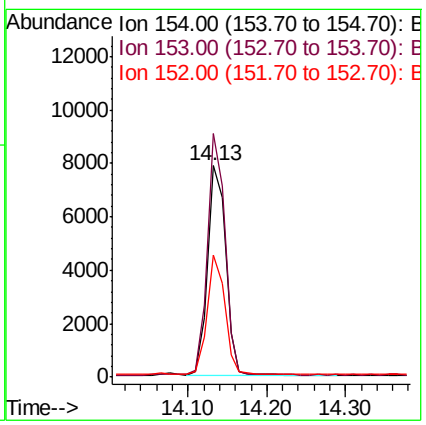


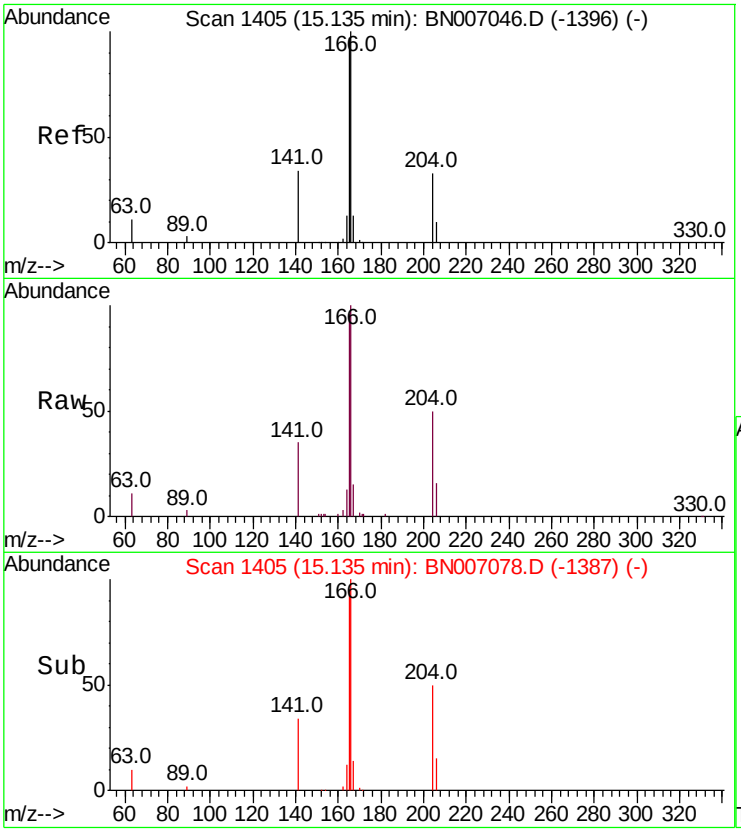


#16
Acenaphthene
Concen: 0.169 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:154 Resp: 12415

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.5	134.3
152	55.9	44.8	67.2



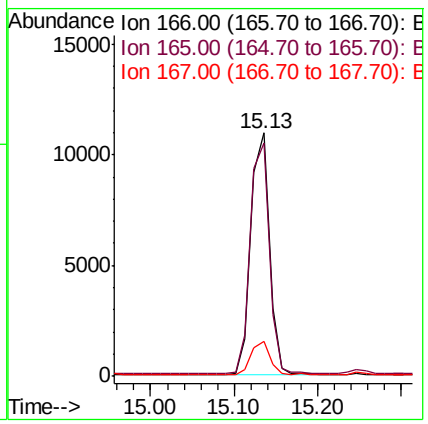


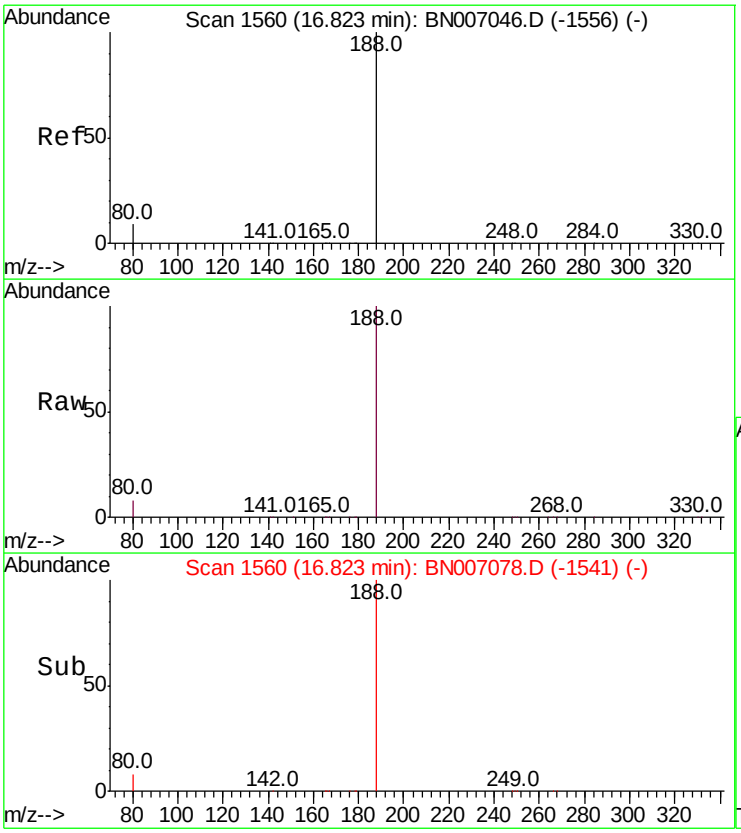
#17
Fluorene
Concen: 0.153 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 16868

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.9	116.9
167	13.9	10.9	16.3

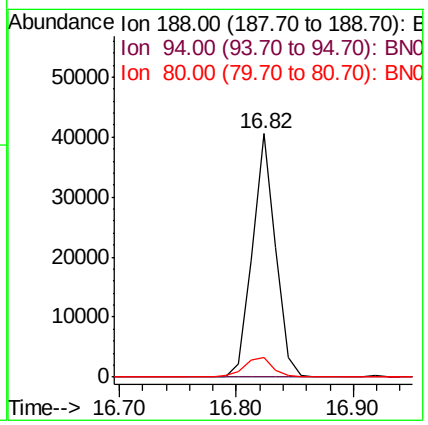


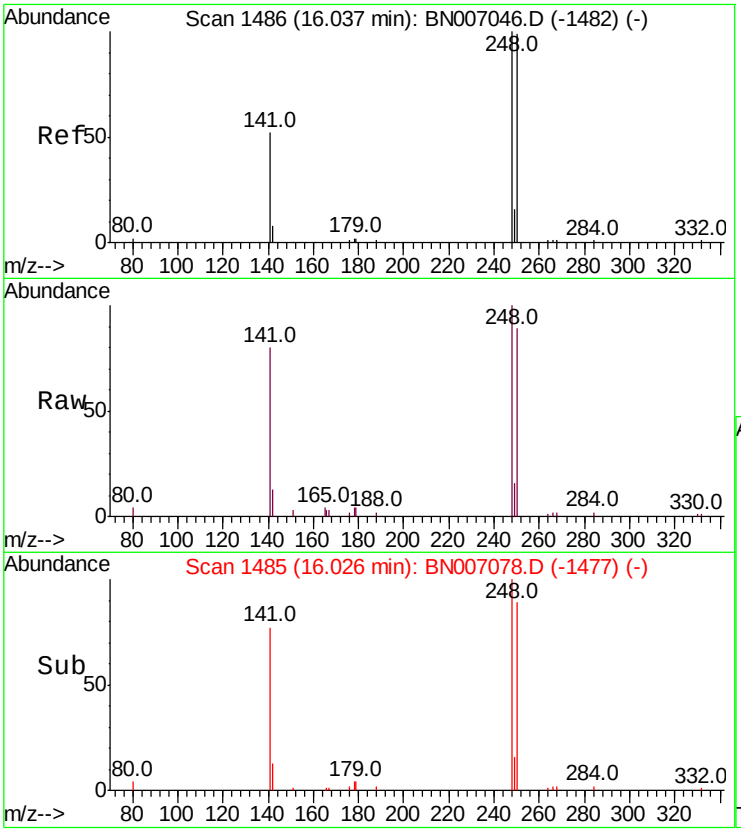


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:188 Resp: 55734

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	7.8	11.6



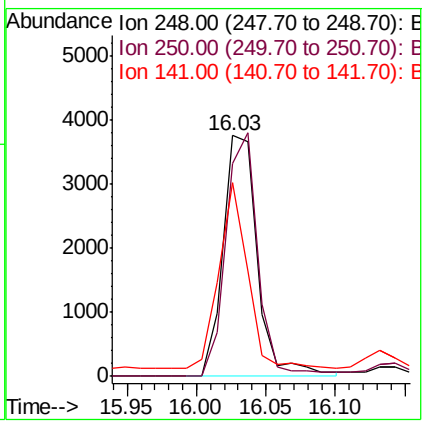


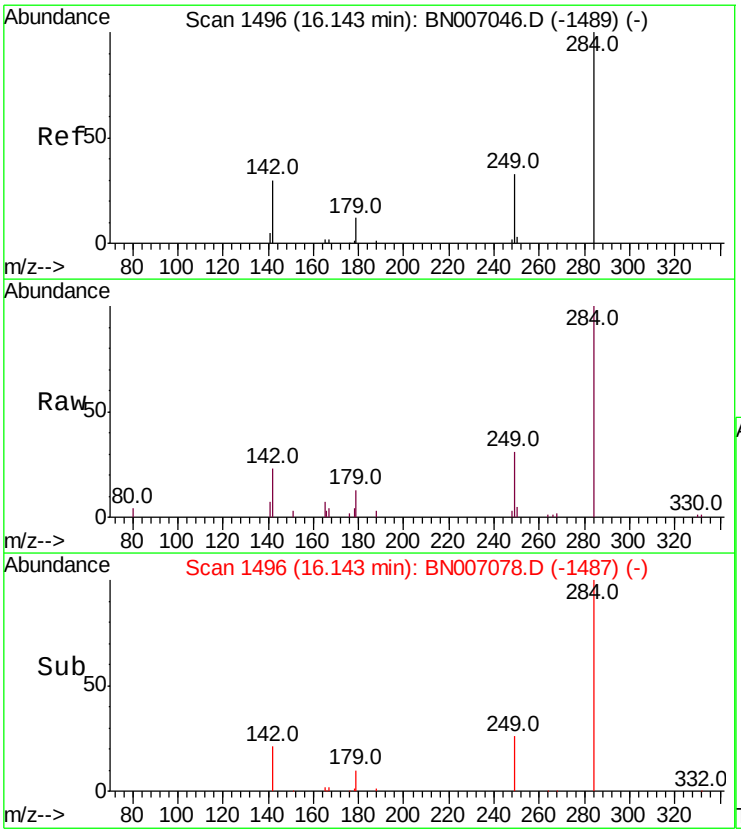
#19
4-Bromophenyl-phenylether
Concen: 0.187 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 6463

Ion	Ratio	Lower	Upper
248	100		
250	88.6	78.9	118.3
141	80.3	43.3	64.9#

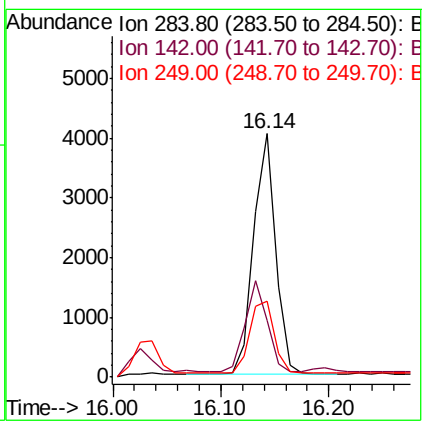


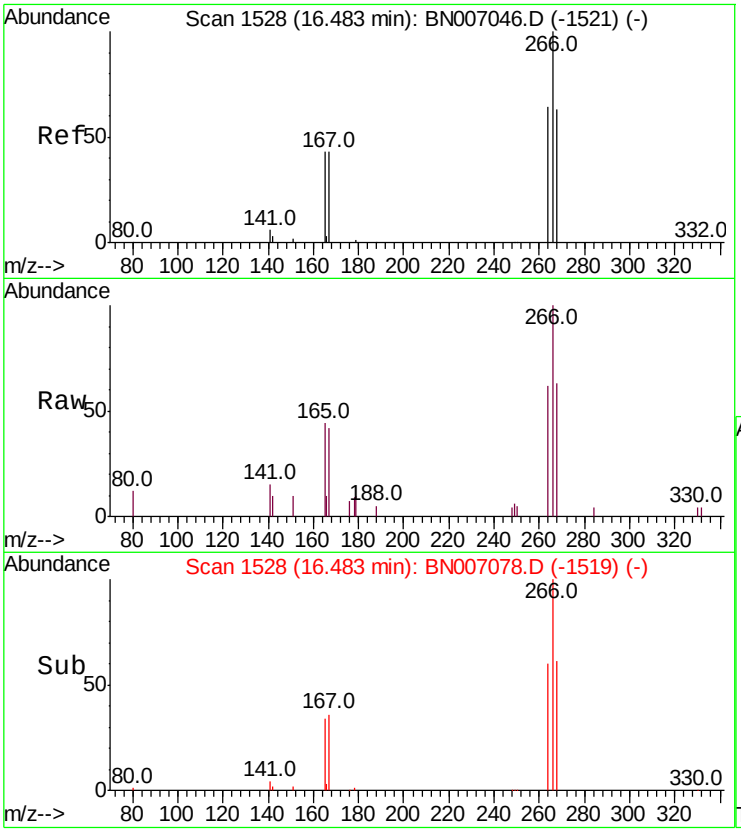


#20
Hexachlorobenzene
Concen: 0.171 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:284 Resp: 5657

Ion	Ratio	Lower	Upper
284	100		
142	37.7	30.5	45.7
249	33.5	26.7	40.1



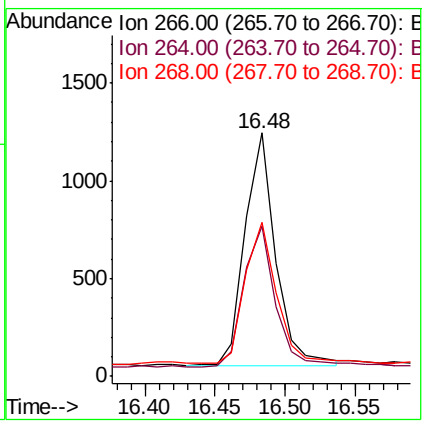


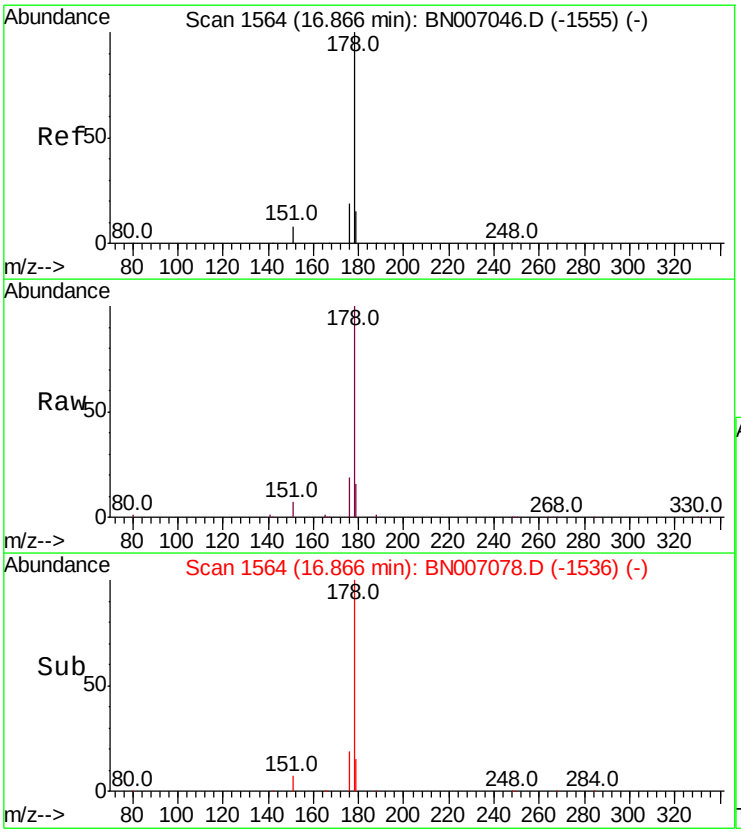
#21
Pentachlorophenol
Concen: 0.146 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 1800

Ion	Ratio	Lower	Upper
266	100		
264	61.5	52.3	78.5
268	63.5	51.5	77.3

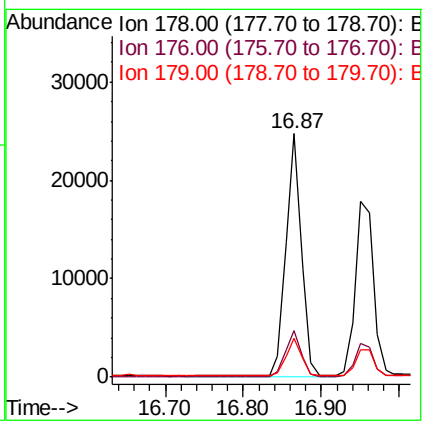


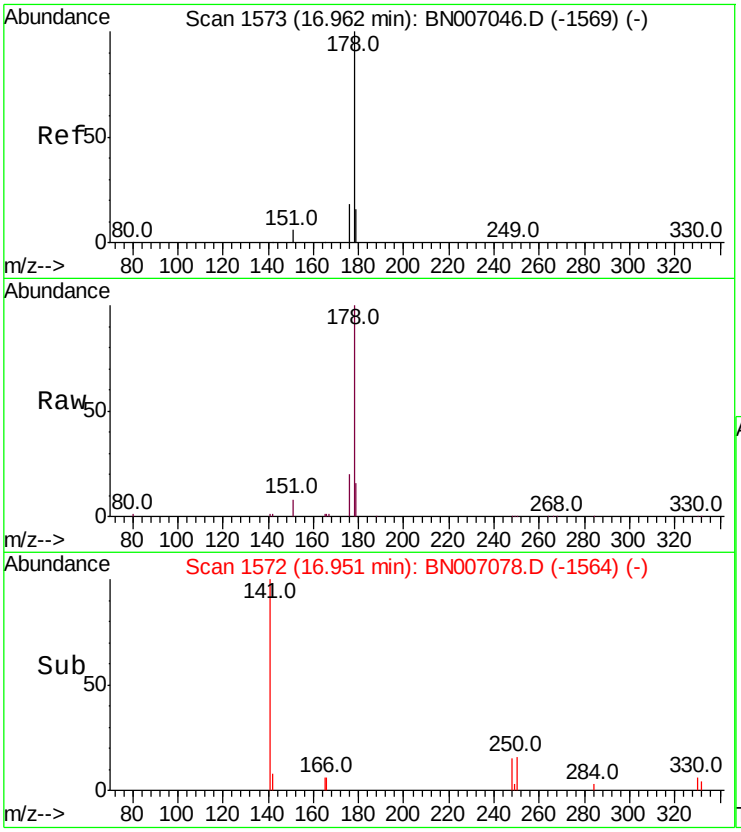


#22
Phenanthrene
Concen: 0.202 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:178 Resp: 33689

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.7	12.3	18.5



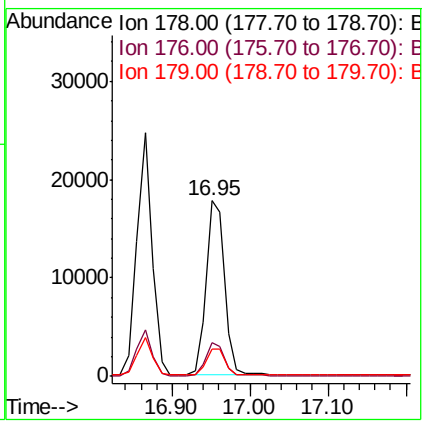


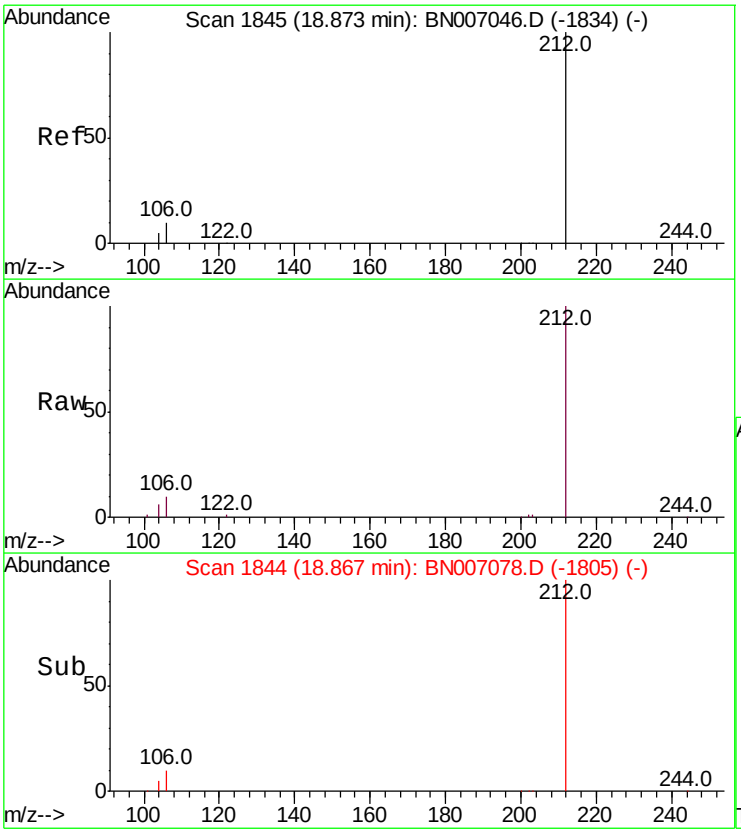
#23
Anthracene
Concen: 0.191 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 29074

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.8	12.5	18.7

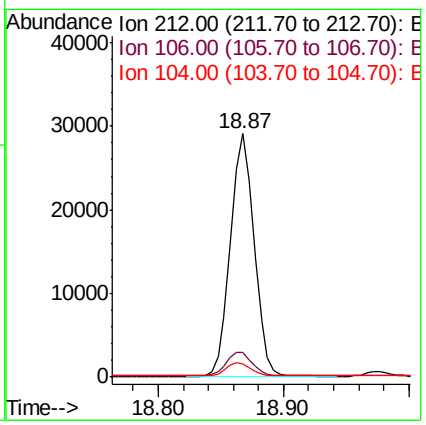


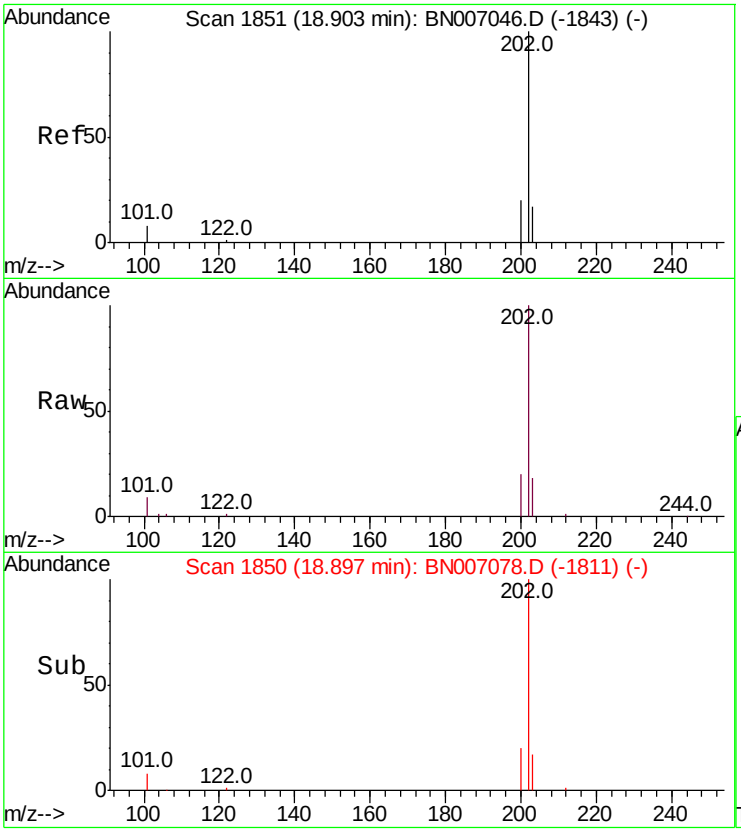


#24
Fluoranthene-d10
Concen: 0.192 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:212 Resp: 37912

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.2	12.2
104	5.7	4.5	6.7



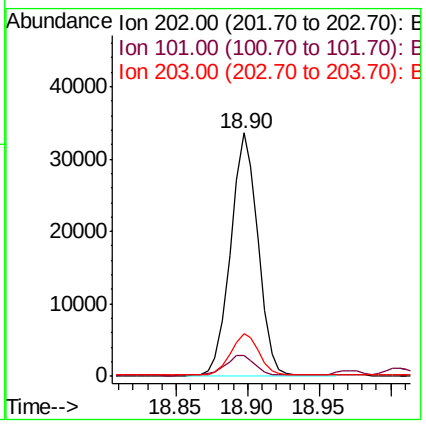


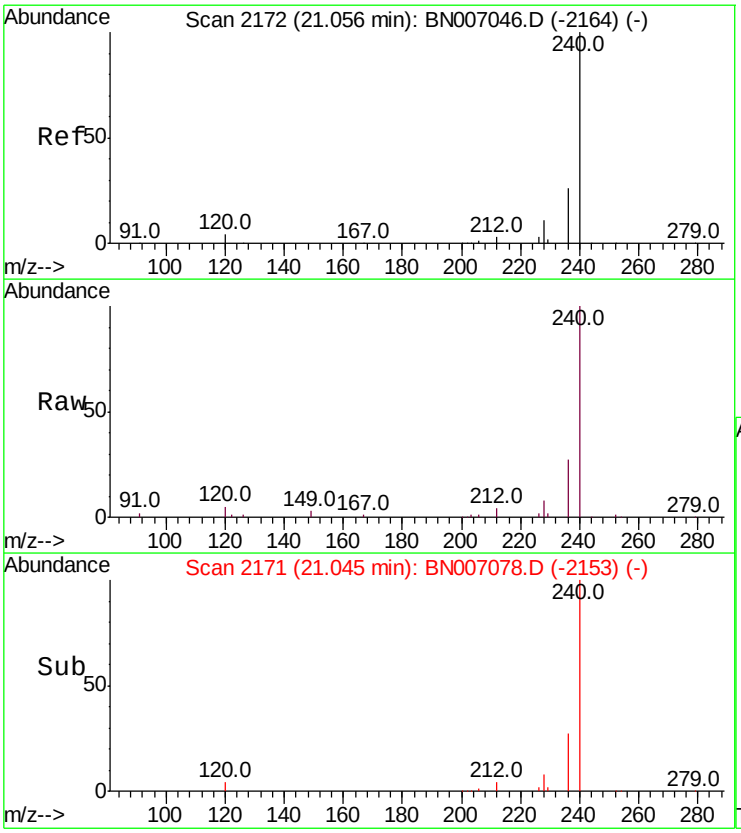
#25
Fluoranthene
Concen: 0.207 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 44311

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
203	17.2	13.8	20.8

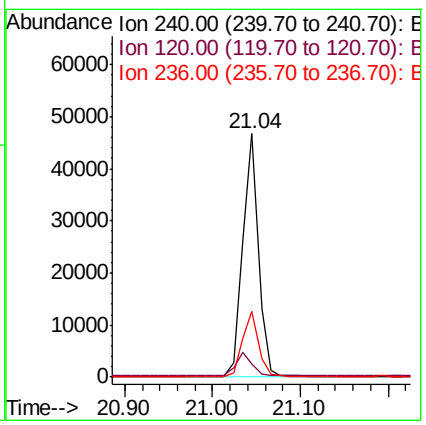


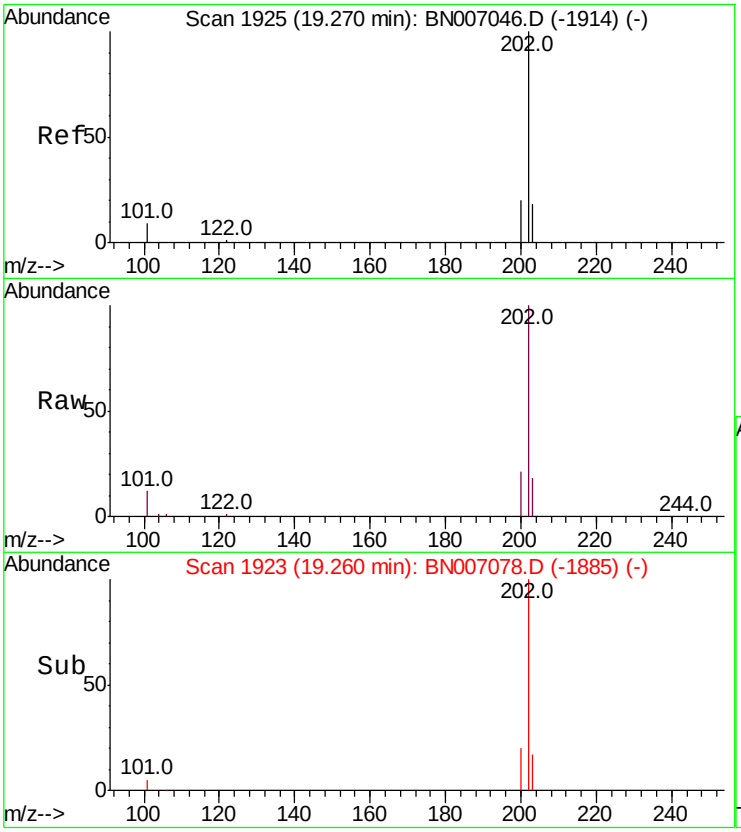


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:240 Resp: 57817

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.0	6.0
236	27.0	21.3	31.9



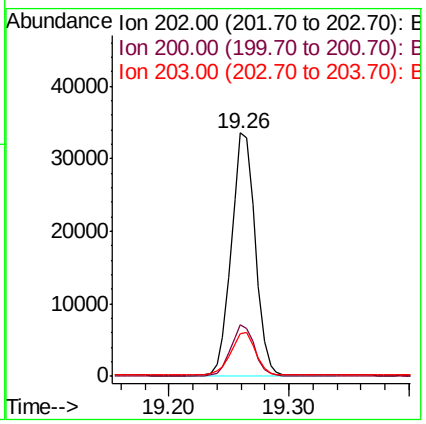


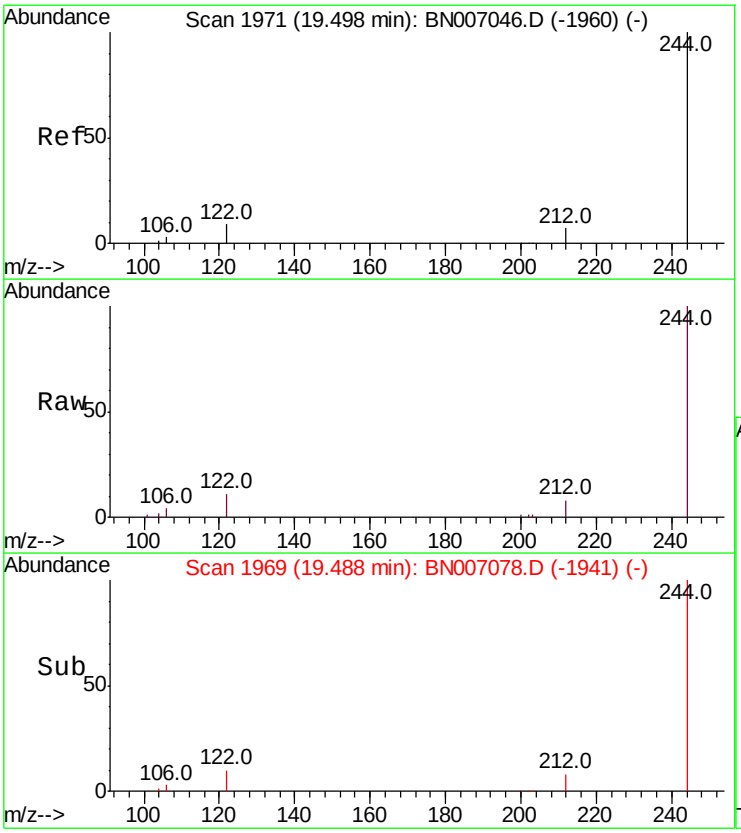
#27
Pyrene
Concen: 0.227 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 45995

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	18.1	14.0	21.0

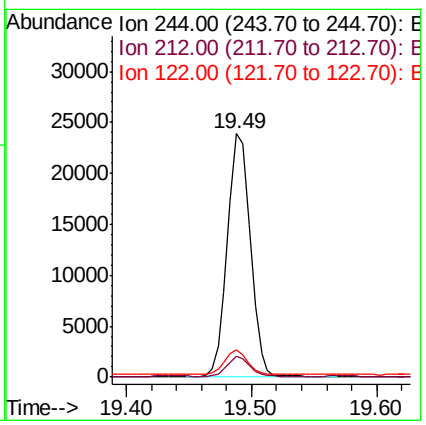


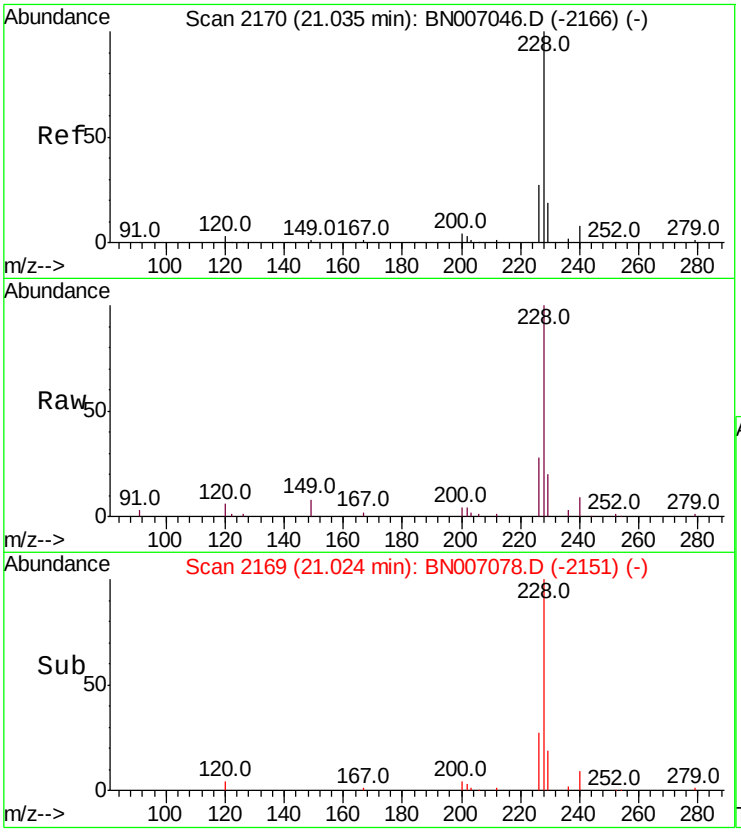


#28
Terphenyl-d14
Concen: 0.191 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:244 Resp: 30046

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	11.1	7.4	11.2



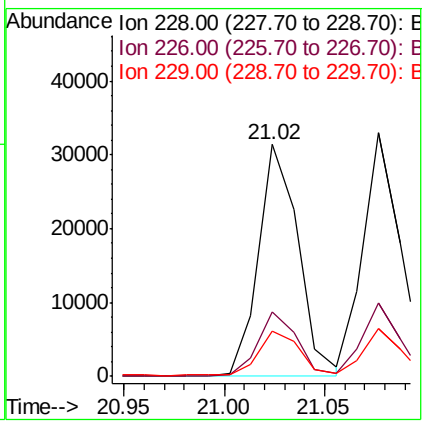


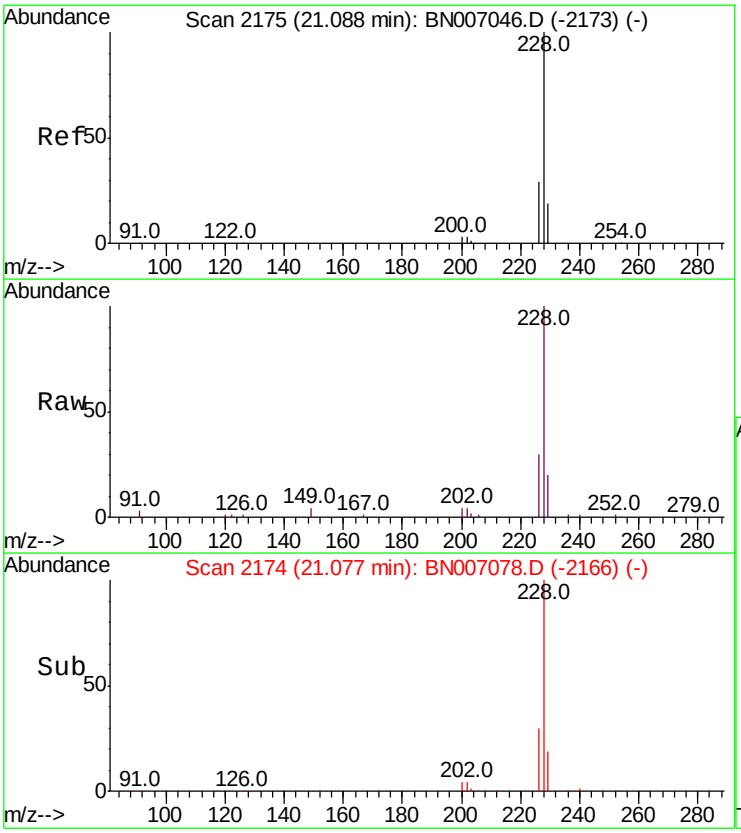
#29
Benzo(a)anthracene
Concen: 0.202 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 42672

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.6
229	19.6	15.6	23.4

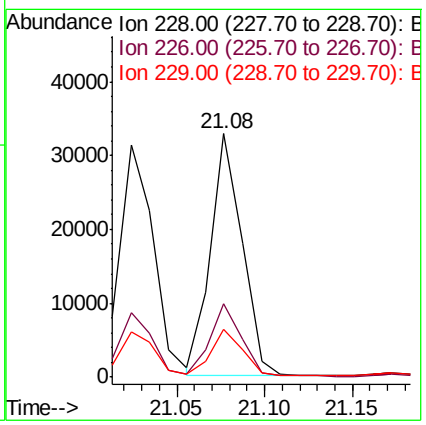


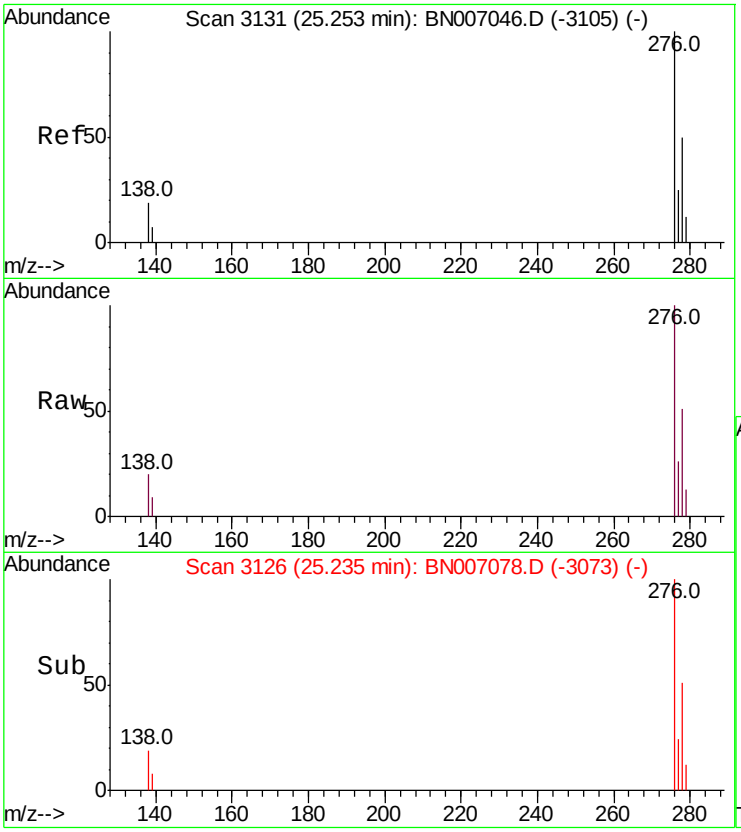


#30
Chrysene
Concen: 0.199 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:228 Resp: 40903

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.8	15.7	23.5



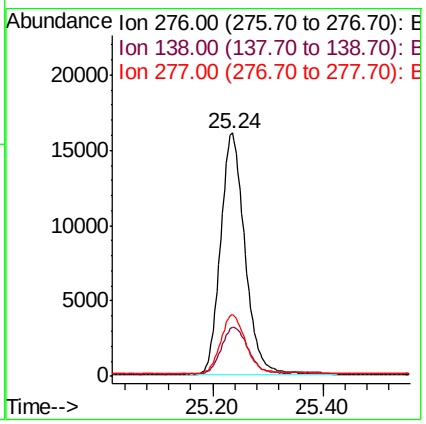


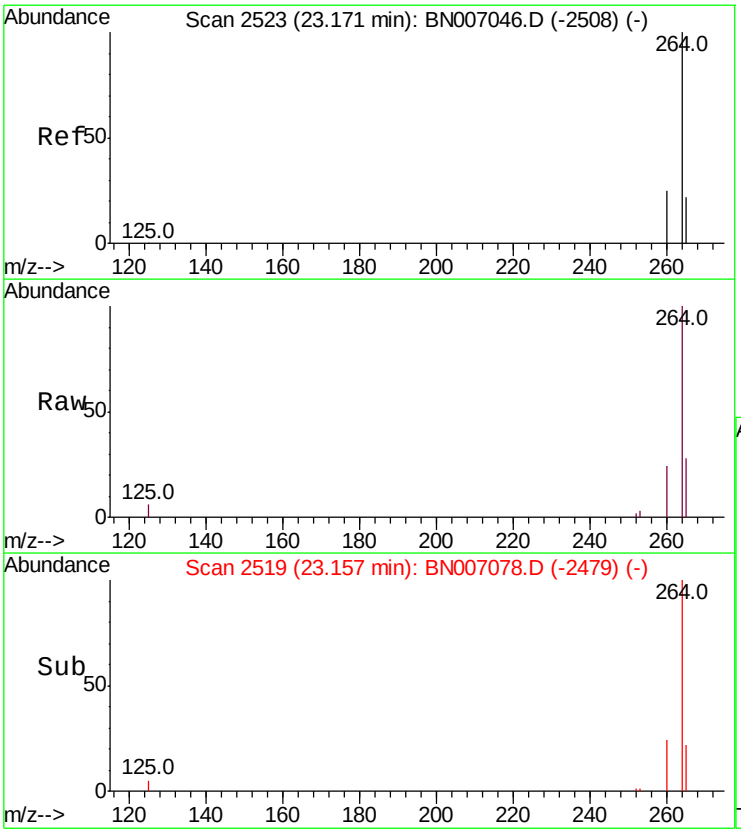
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.220 ng
RT: 25.24 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 49729

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.0	24.0
277	24.8	19.9	29.9

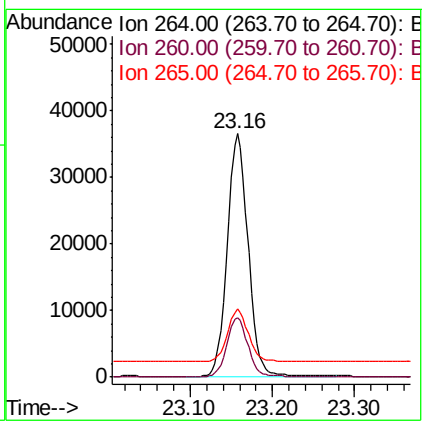


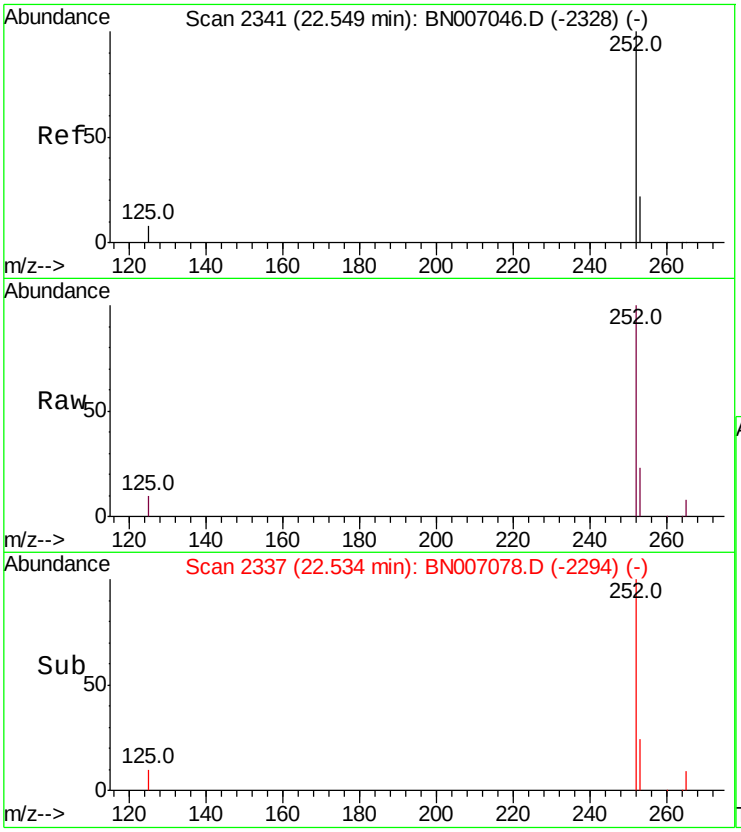


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:264 Resp: 63978

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	27.9	26.2	39.4



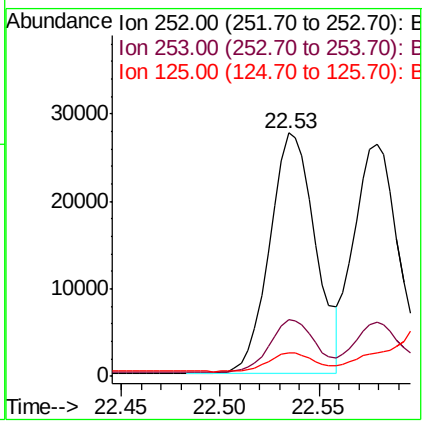


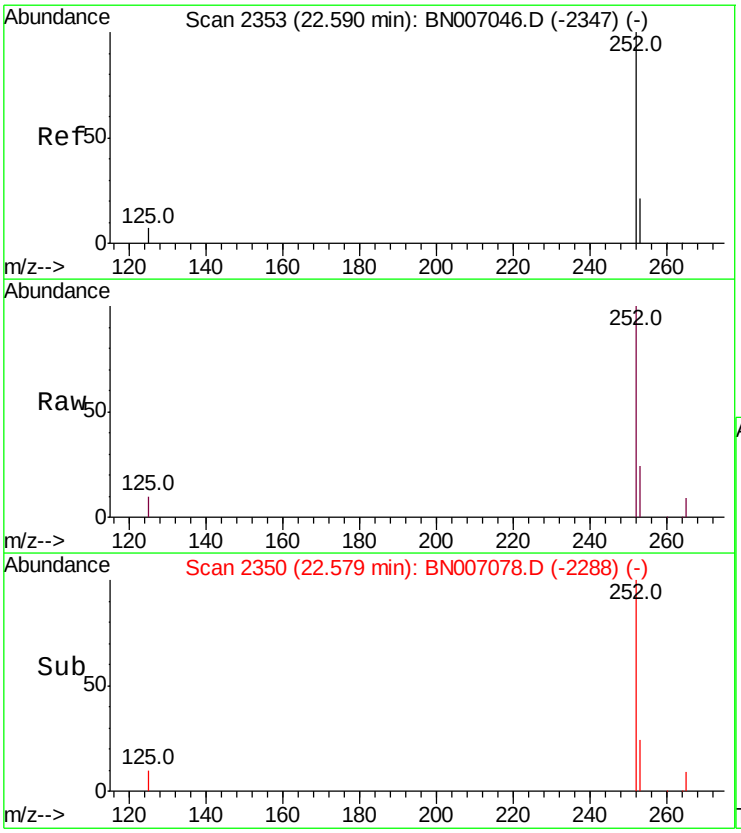
#33
Benzo(b)fluoranthene
Concen: 0.201 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 44083

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	9.5	7.4	11.0

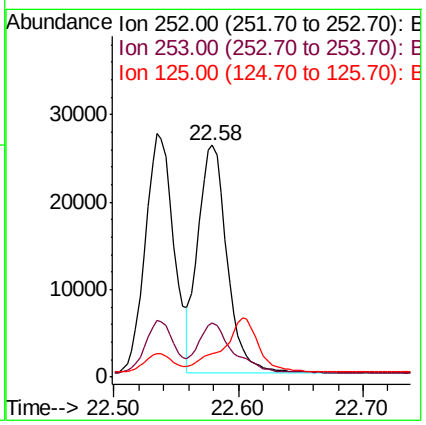


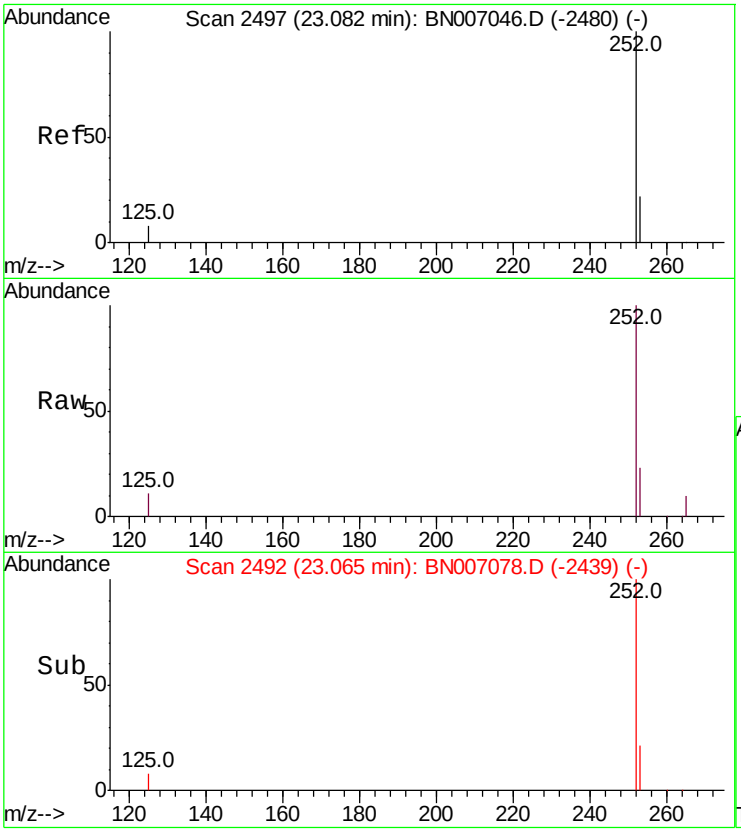


#34
Benzo(k)fluoranthene
Concen: 0.195 ng
RT: 22.58 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:252 Resp: 42349

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	10.2	7.4	11.0



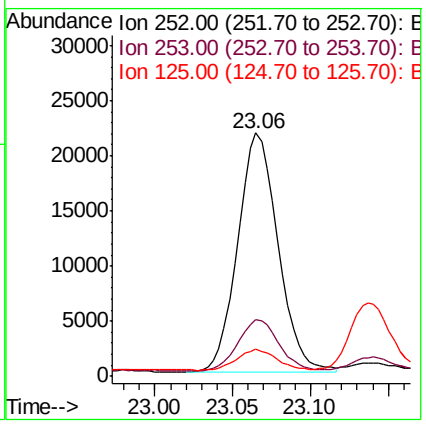


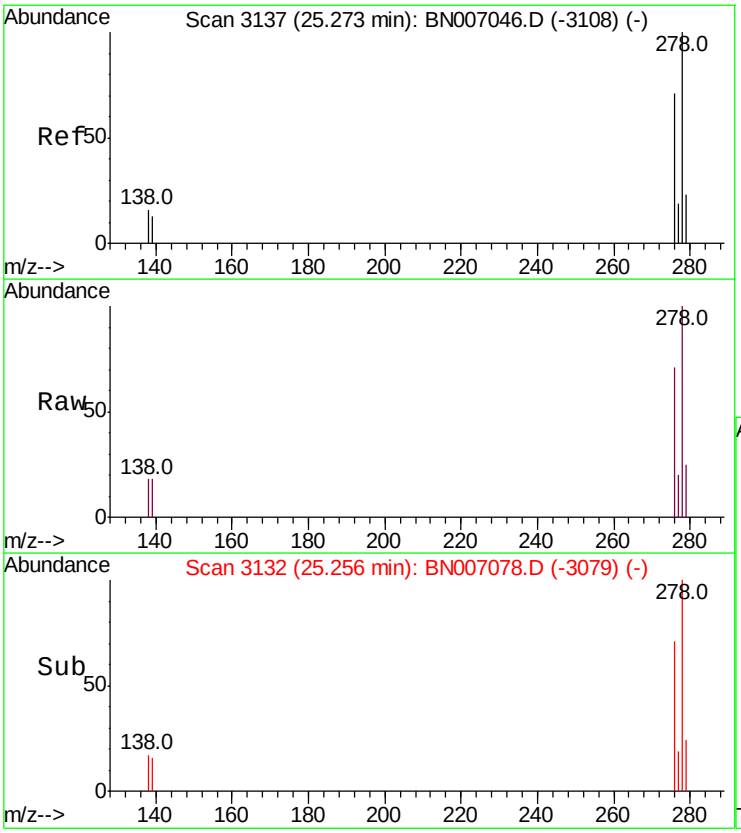
#35
Benzo(a)pyrene
Concen: 0.196 ng
RT: 23.06 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 38993

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	11.0	8.2	12.4

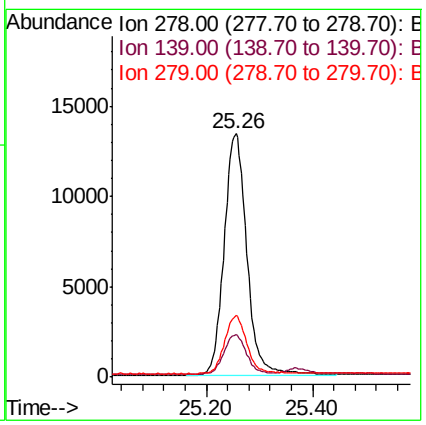


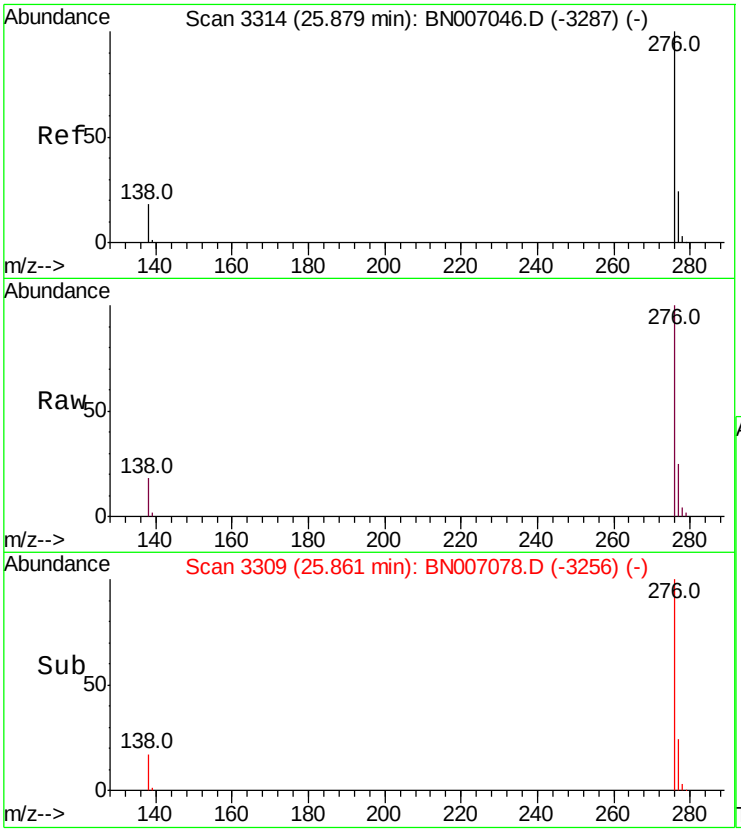


#36
Dibenzo(a,h)anthracene
Concen: 0.200 ng
RT: 25.26 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Tgt Ion:278 Resp: 39719

Ion	Ratio	Lower	Upper
278	100		
139	17.6	11.3	16.9#
279	25.2	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.209 ng
RT: 25.86 min Scan# 3309
Delta R.T. -0.02 min
Lab File: BN007078.D
Acq: 11 Aug 2019 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 42568

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	18.3	14.6	22.0