Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BNCCC217.D
Acq On : 16 Aug 2019 04:09
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 16 07:08:56 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	11379	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	43213	0.40	ng		0.00
12) Acenaphthene-d10	14.07	164	24249	0.40	ng		-0.01
18) Phenanthrene-d10	16.82	188	56686	0.40	ng		0.00
26) Chrysene-d12	21.03	240	57961	0.40	ng		-0.02
32) Perylene-d12	23.15	264	64973	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.05	112	11345	0.41	ng		0.00
4) Phenol-d6	6.61	99	14712	0.43	ng		0.00
7) Nitrobenzene-d5	8.55	82	14707	0.42	ng		-0.01
10) 2-Methylnaphthalene-d10	11.78	152	29955	0.37	ng		-0.01
13) 2,4,6-Tribromophenol	15.57	330	4390	0.34	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	3256	0.09	ng		0.00
24) Fluoranthene-d10	18.86	212	72482	0.36	ng		-0.01
28) Terphenyl-d14	19.48	244	63816	0.40	ng		-0.02
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.34	42	3168	0.423	ng	#	100
5) bis(2-Chloroethyl)ether	6.86	93	12311	0.411	ng		98
8) Naphthalene	10.22	128	45990	0.380	ng		99
9) Hexachlorobutadiene	10.54	225	9963	0.386	ng	#	99
11) 2-Methylnaphthalene	11.86	142	32168	0.375	ng		96
15) Acenaphthylene	13.79	152	53048	0.419	ng		100
16) Acenaphthene	14.13	154	31264	0.385	ng		99
17) Fluorene	15.12	166	40422	0.333	ng		99
19) 4-Bromophenyl-phenylether	16.03	248	13223	0.377	ng		99
20) Hexachlorobenzene	16.13	284	13854	0.411	ng		99
21) Pentachlorophenol	16.48	266	4722	0.376	ng		97
22) Phenanthrene	16.86	178	66112	0.389	ng		100
23) Anthracene	16.95	178	61359	0.395	ng		99
25) Fluoranthene	18.89	202	79490	0.366	ng		100
27) Pyrene	19.25	202	83933	0.413	ng		100
29) Benzo(a)anthracene	21.02	228	82381	0.389	ng		99
30) Chrysene	21.07	228	80993	0.393	ng		98
31) Indeno(1,2,3-cd)pyrene	25.22	276	99410	0.438	ng		97
33) Benzo(b)fluoranthene	22.53	252	84344	0.379	ng		100
34) Benzo(k)fluoranthene	22.53	252	84344	0.383	ng		100
35) Benzo(a)pyrene	23.05	252	77227	0.382	ng		99
36) Dibenzo(a,h)anthracene	25.24	278	80351	0.399	ng	#	96
37) Benzo(g,h,i)perylene	25.85	276	79012	0.381	ng		99

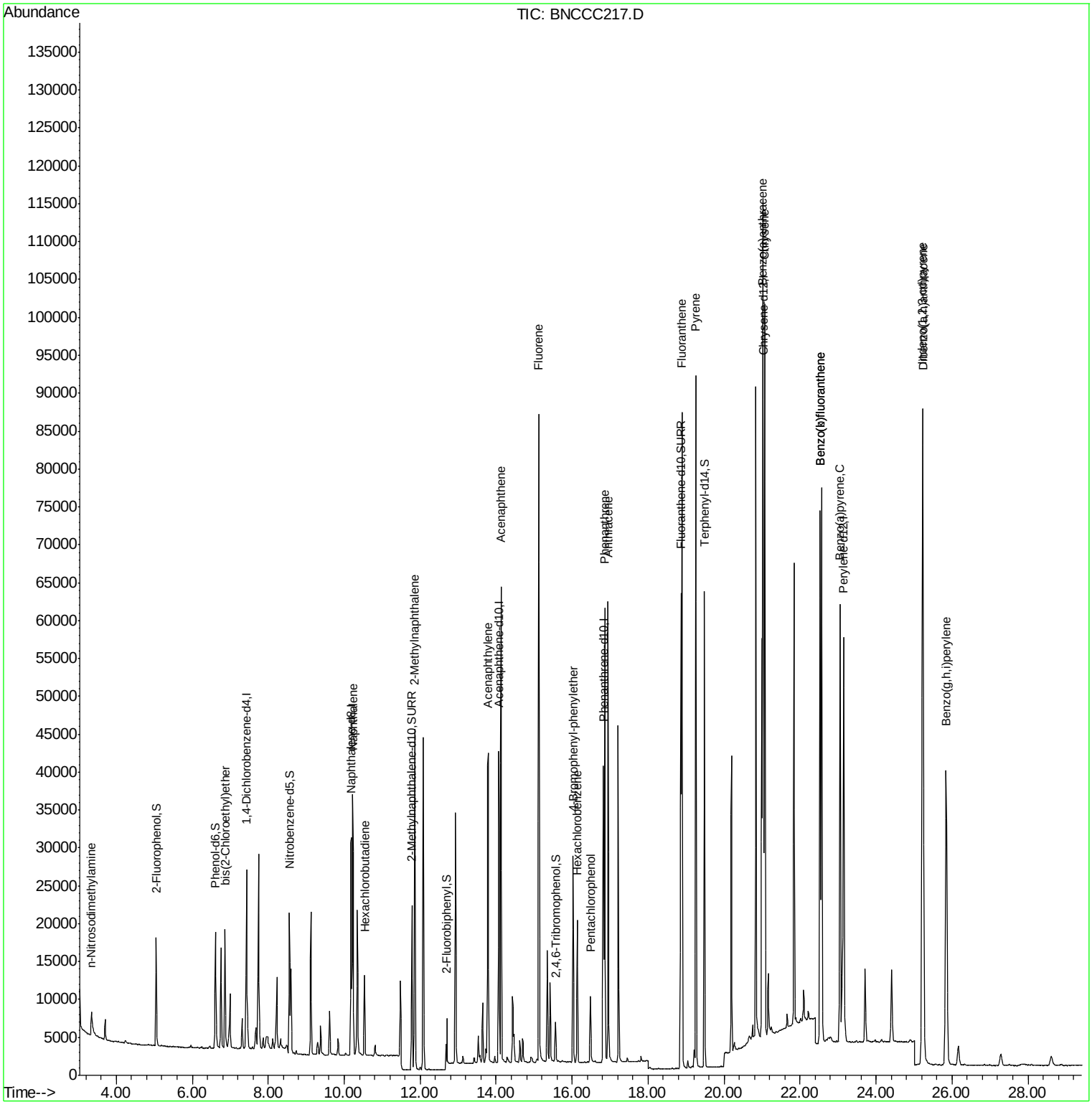
(#) = qualifier out of range (m) = manual integration (+) = signals summed

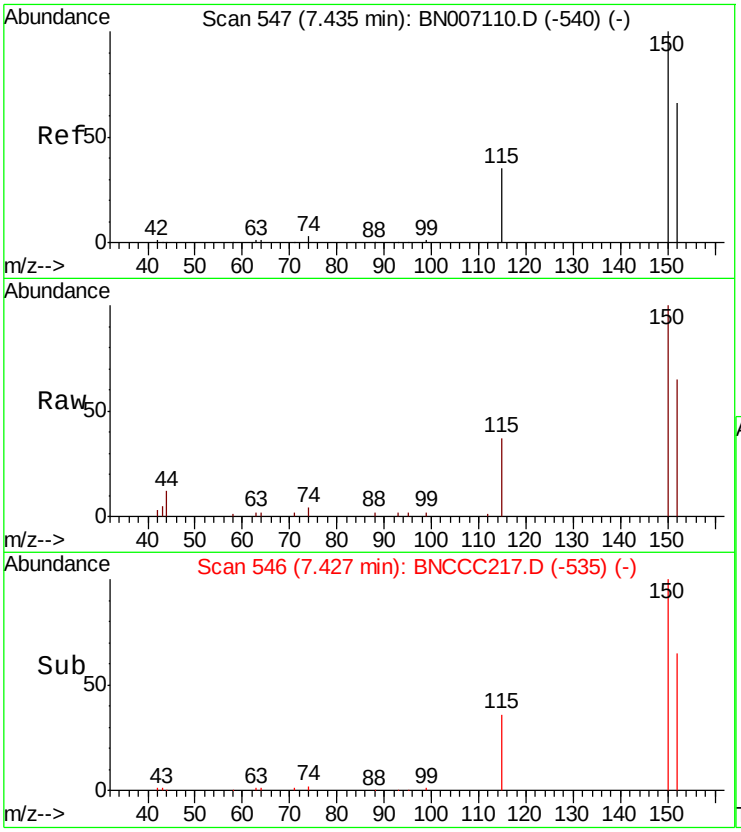
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BNCCC217.D
Acq On : 16 Aug 2019 04:09
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 16 07:08:56 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



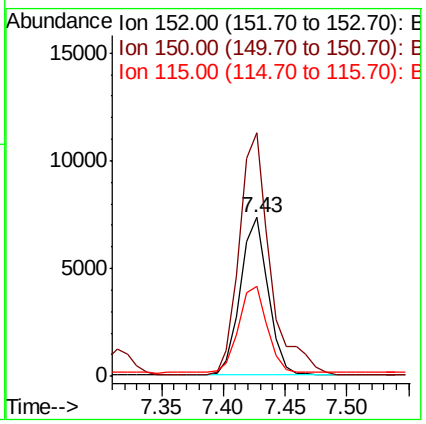


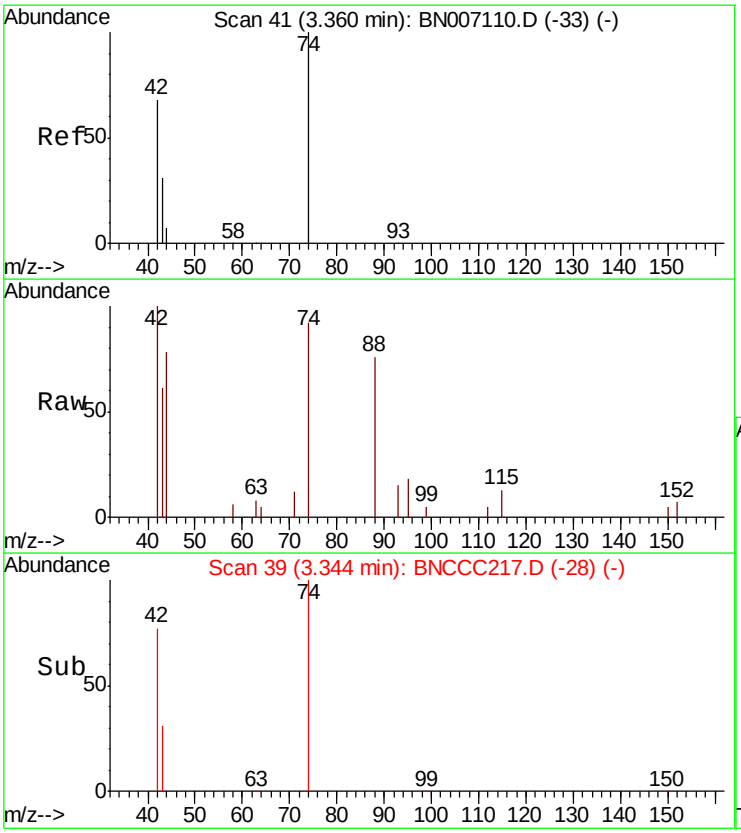
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11379

Ion	Ratio	Lower	Upper
152	100		
150	153.4	121.7	182.5
115	56.9	46.2	69.4

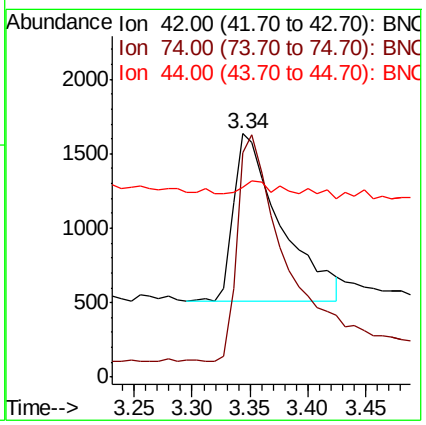


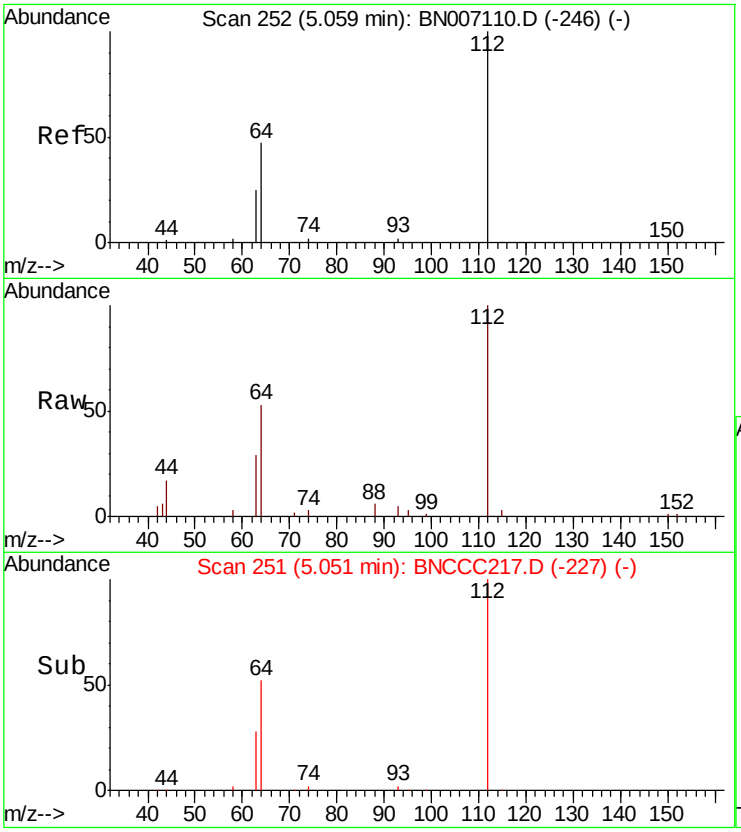


#2
n-Nitrosodimethylamine
Concen: 0.423 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion: 42 Resp: 3168

Ion	Ratio	Lower	Upper
42	100		
74	137.9	110.6	166.0
44	6.2	0.0	0.0#



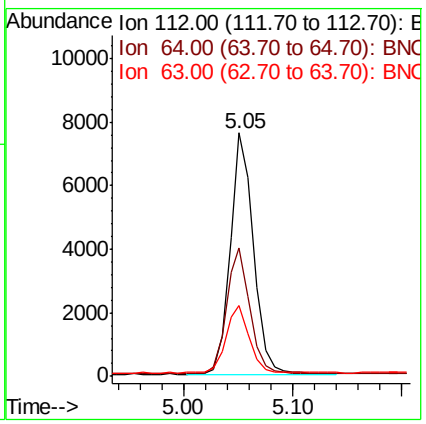


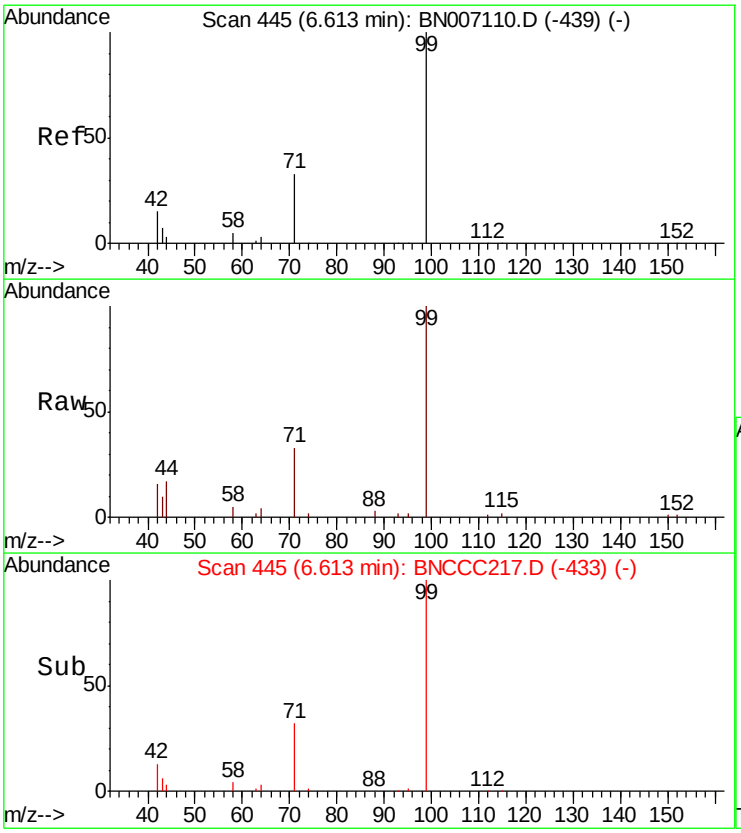
#3
2-Fluorophenol
Concen: 0.415 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 11345

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.6	63.8
63	27.8	22.2	33.2

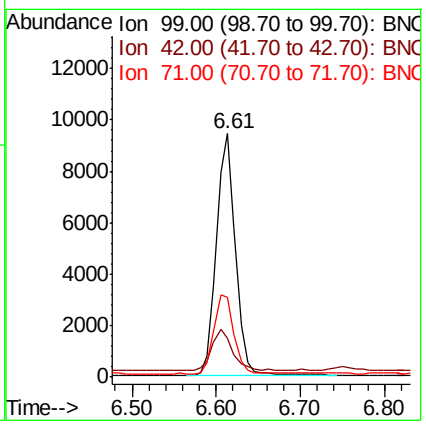


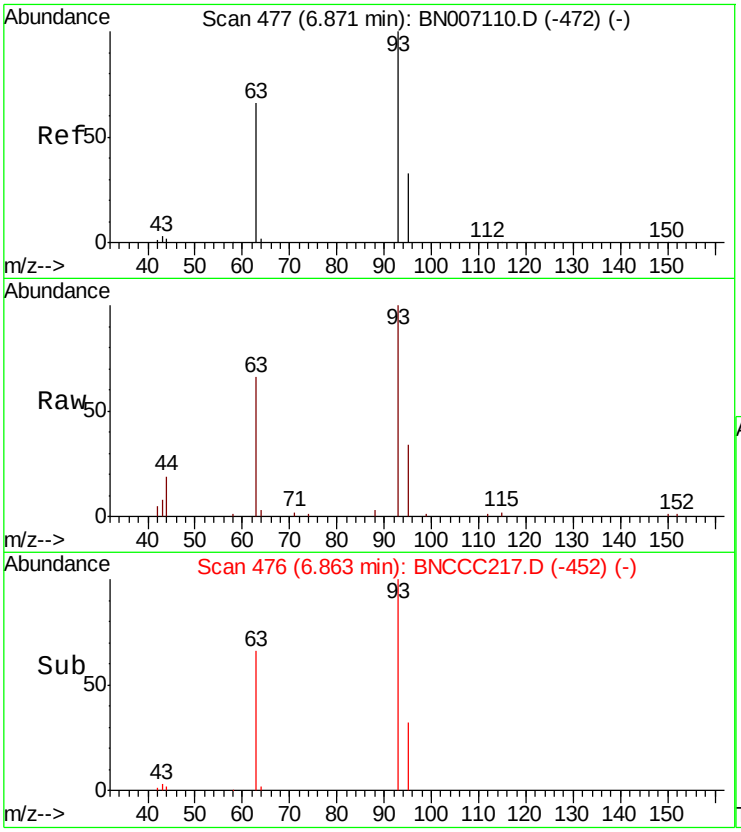


#4
Phenol-d6
Concen: 0.434 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion: 99 Resp: 14712

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.6
71	34.4	27.0	40.4



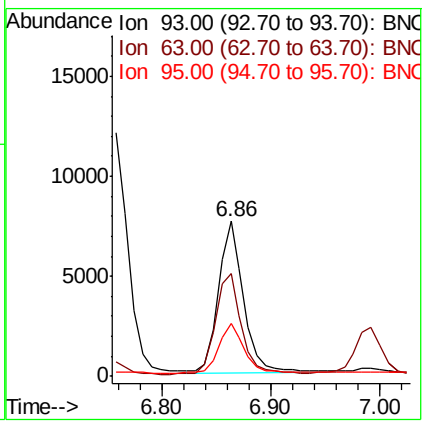


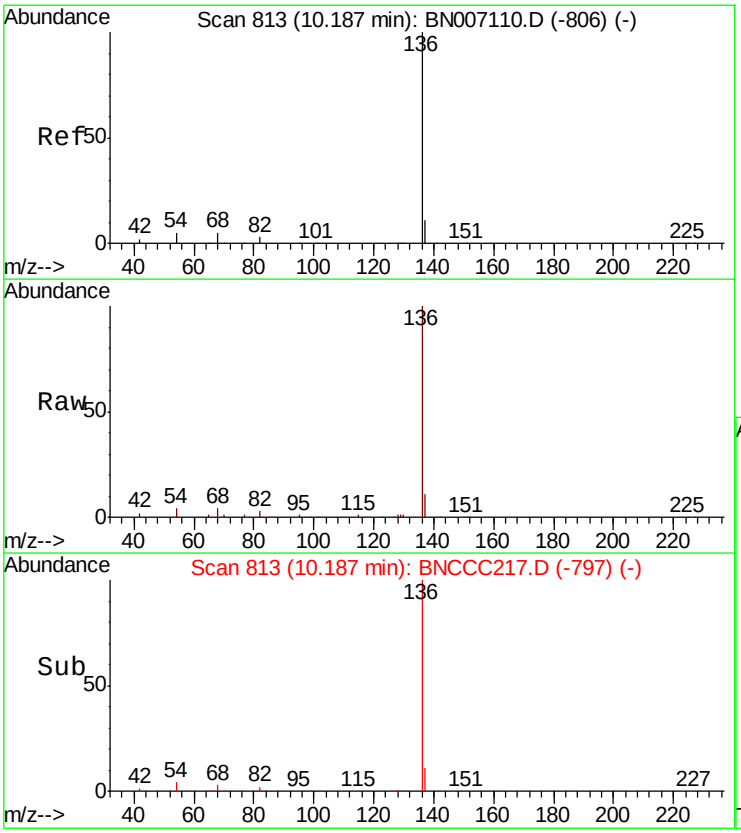
#5
bis(2-Chloroethyl)ether
Concen: 0.411 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 12311

Ion	Ratio	Lower	Upper
93	100		
63	67.5	55.6	83.4
95	32.5	26.7	40.1

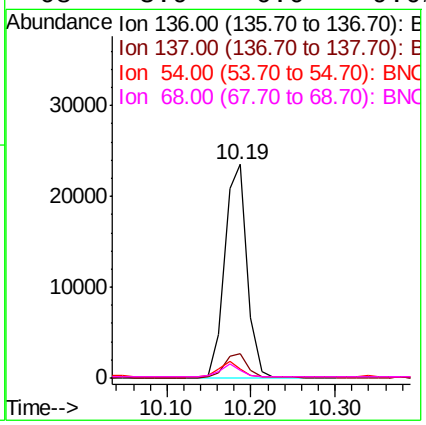


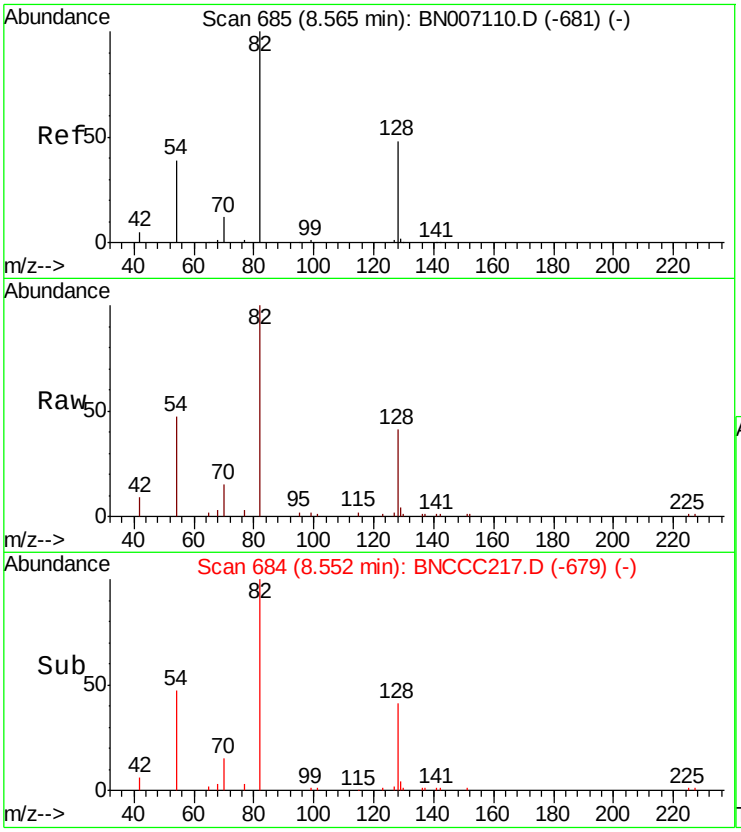


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:136 Resp: 43213

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	4.0	6.6	9.8#
68	3.9	6.0	9.0#



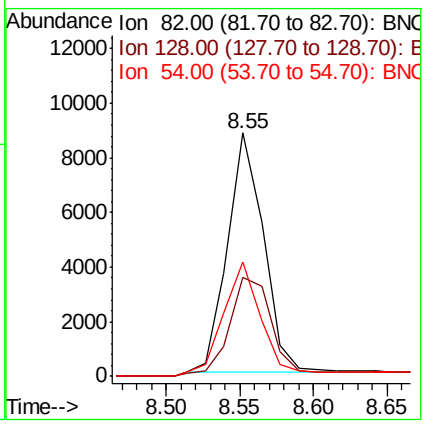


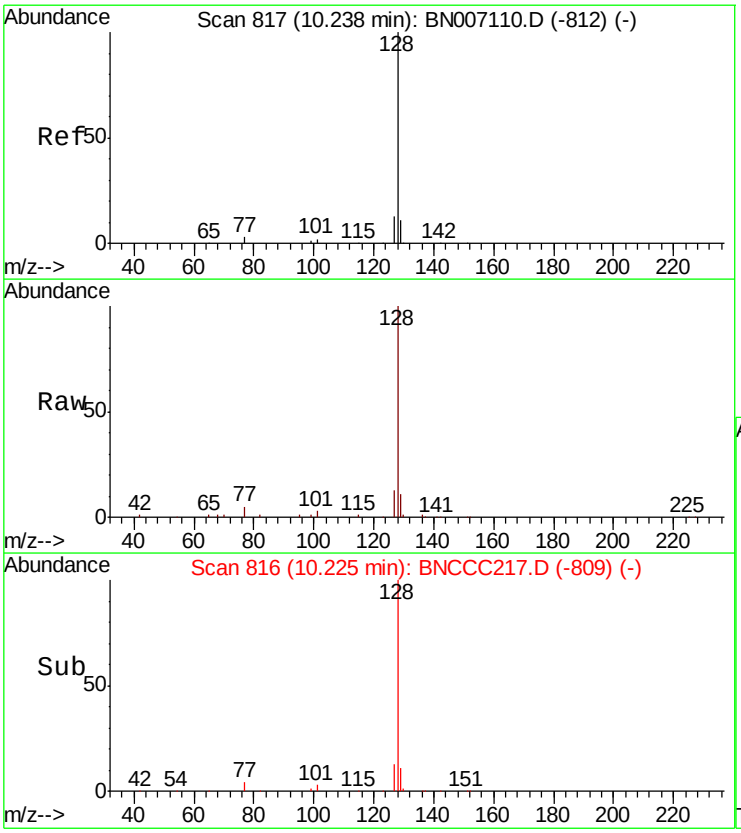
#7
Nitrobenzene-d5
Concen: 0.422 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 14707

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	51.8
54	46.8	36.2	54.4

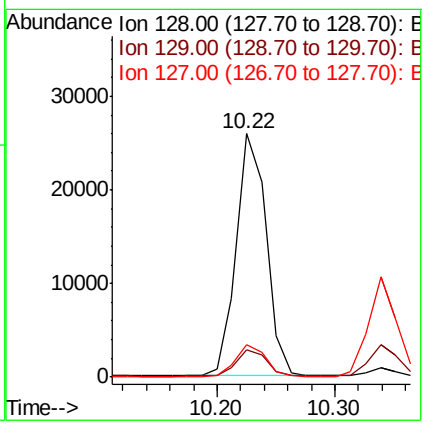


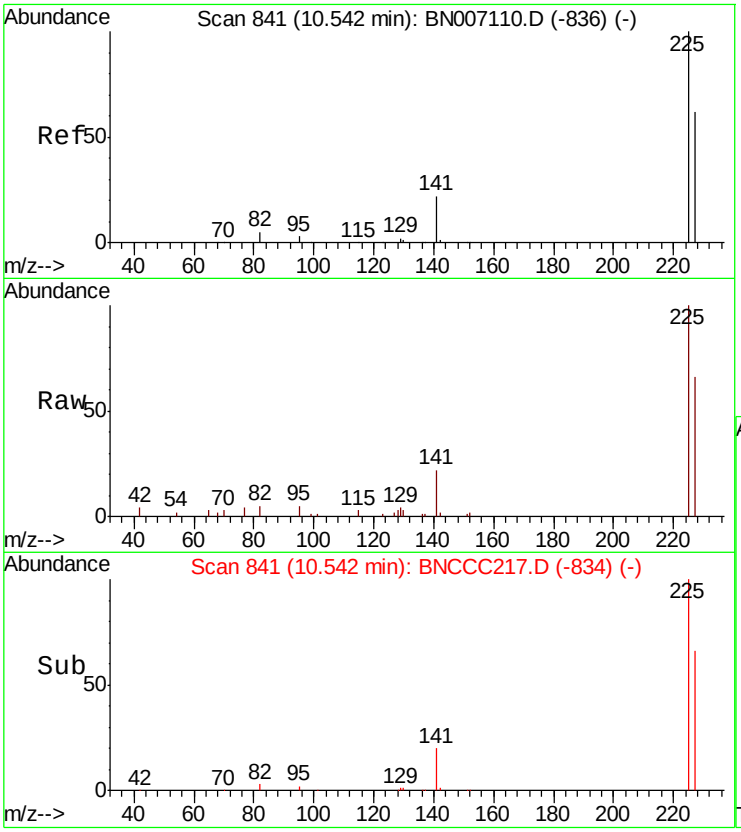


#8
Naphthalene
Concen: 0.380 ng
RT: 10.22 min Scan# 816
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:128 Resp: 45990

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.5	11.0	16.6



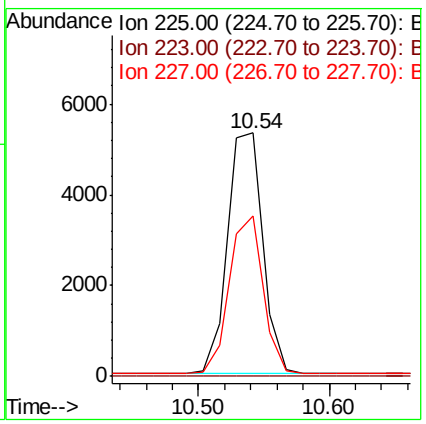


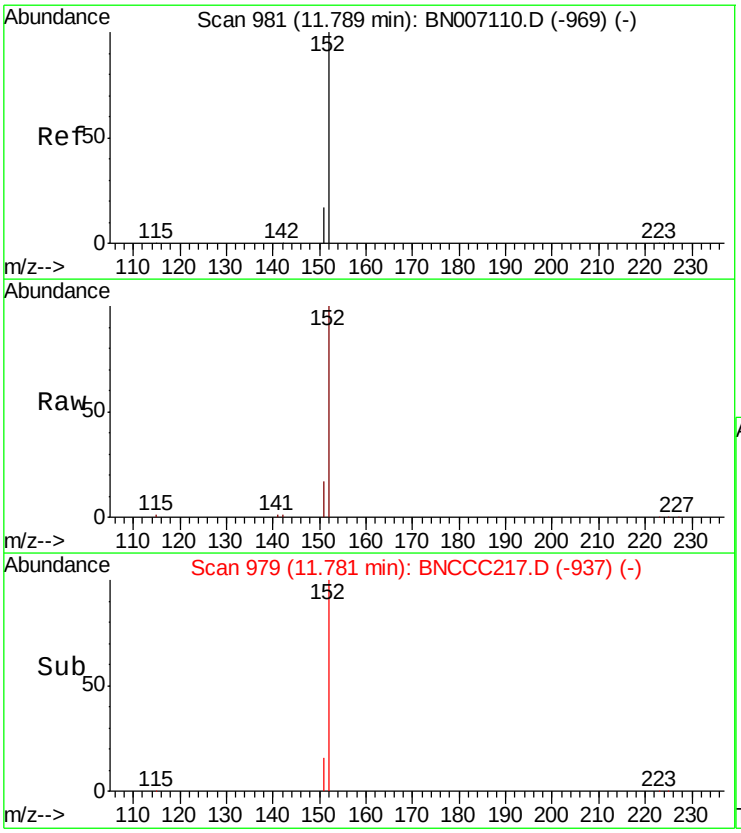
#9
Hexachlorobutadiene
Concen: 0.386 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 9963

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

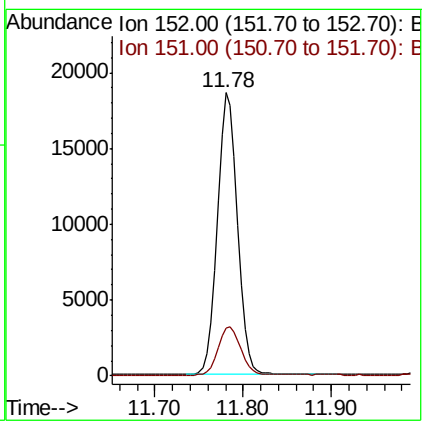


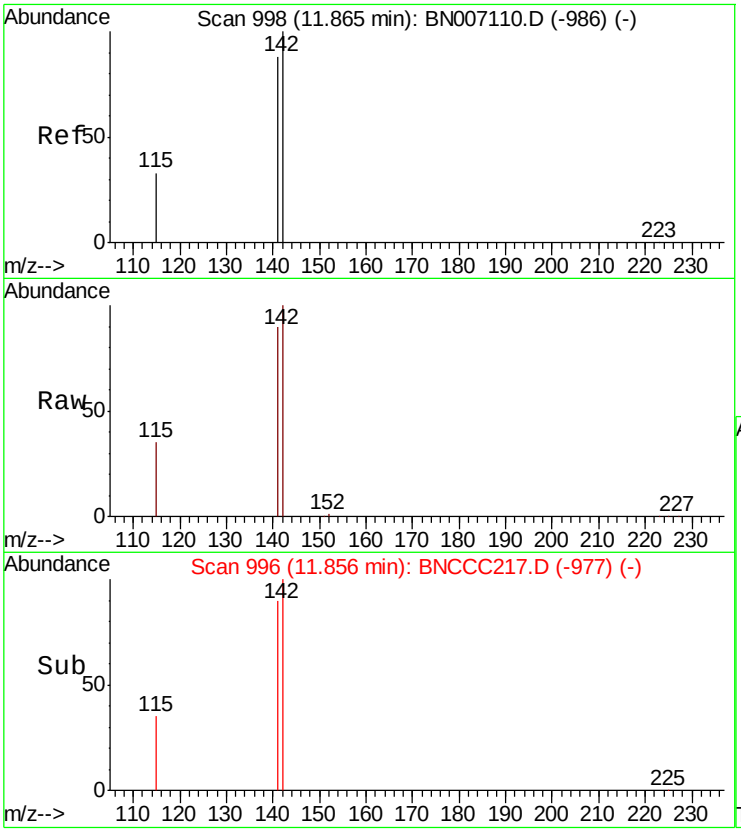


#10
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 11.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:152 Resp: 29955

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3



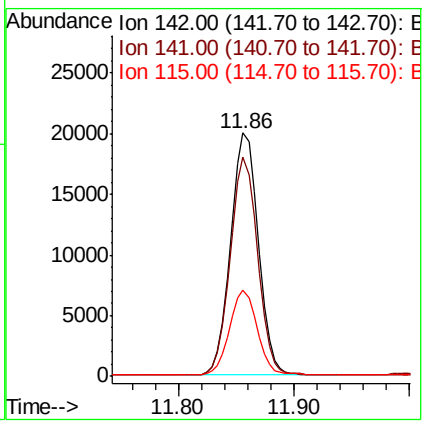


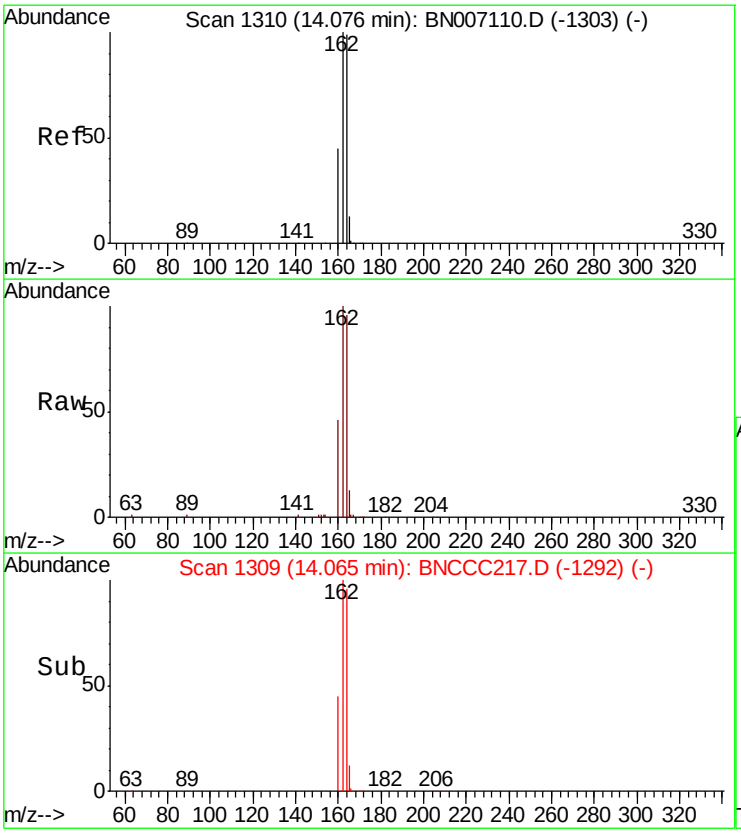
#11
2-Methylnaphthalene
Concen: 0.375 ng
RT: 11.86 min Scan# 996
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 32168

Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.0	103.6
115	35.5	27.1	40.7

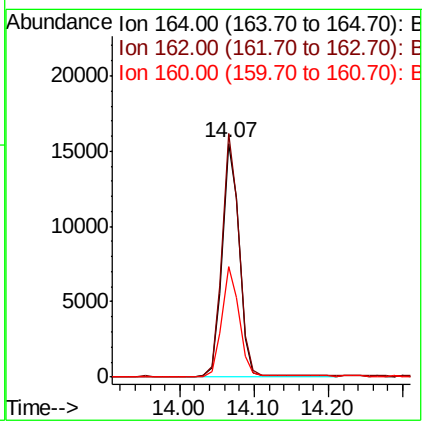


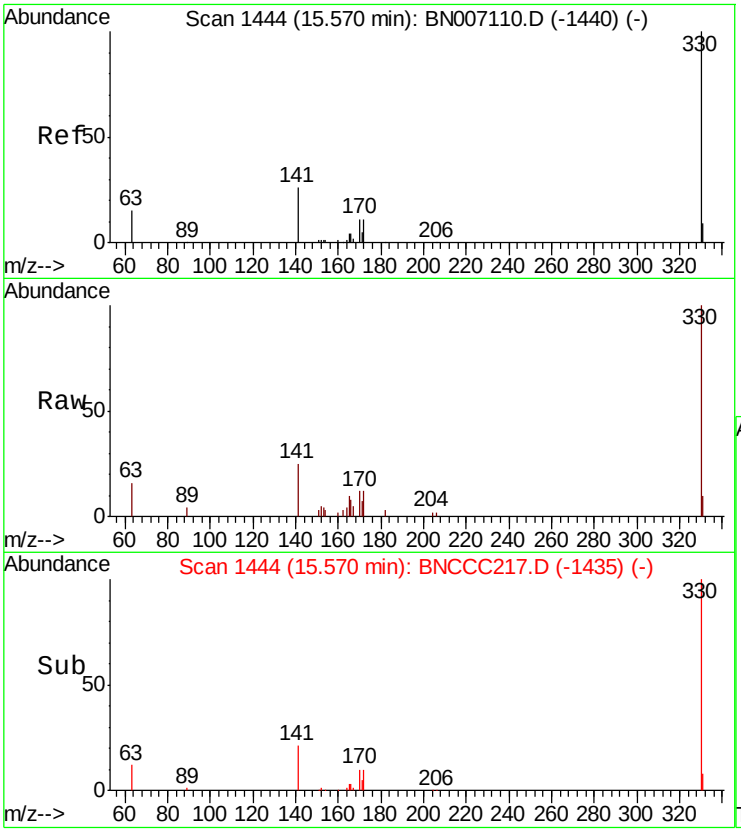


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:164 Resp: 24249

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.4
160	47.5	38.3	57.5



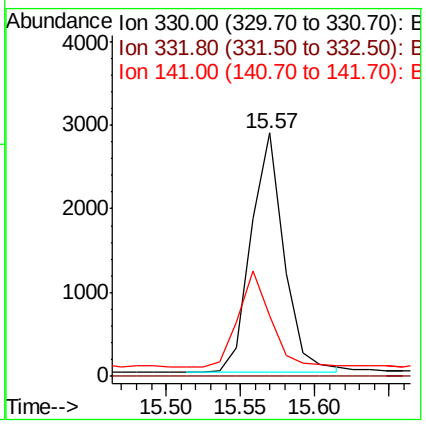


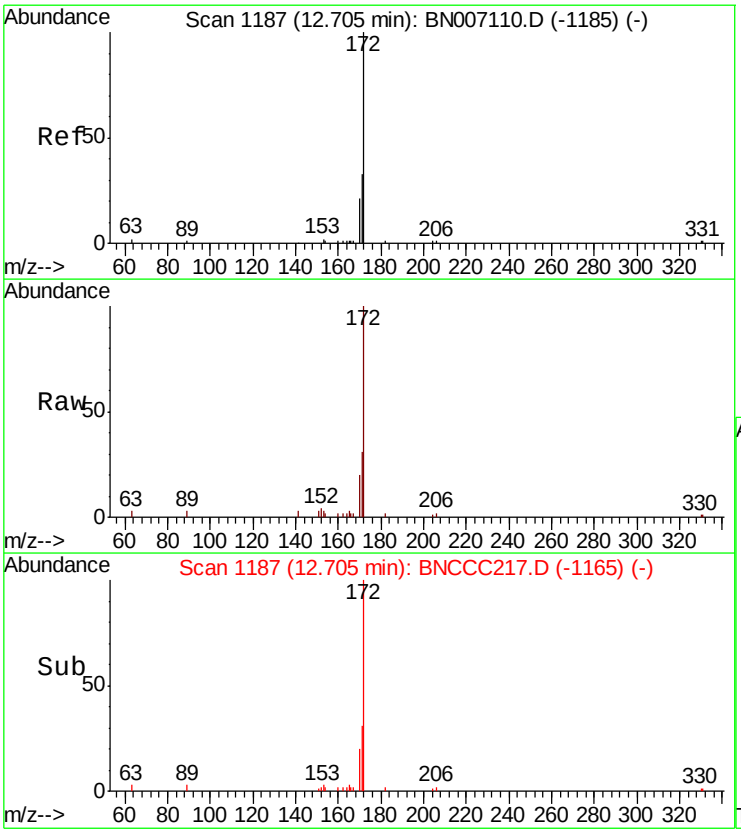
#13
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 4390

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.4	33.6	50.4

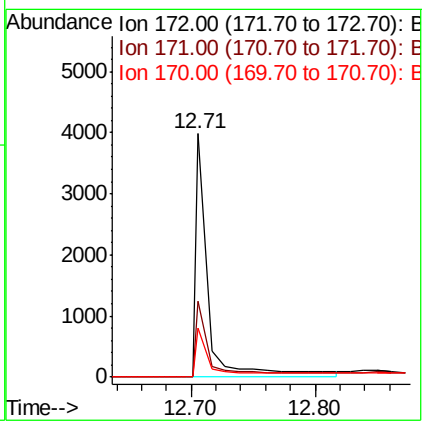


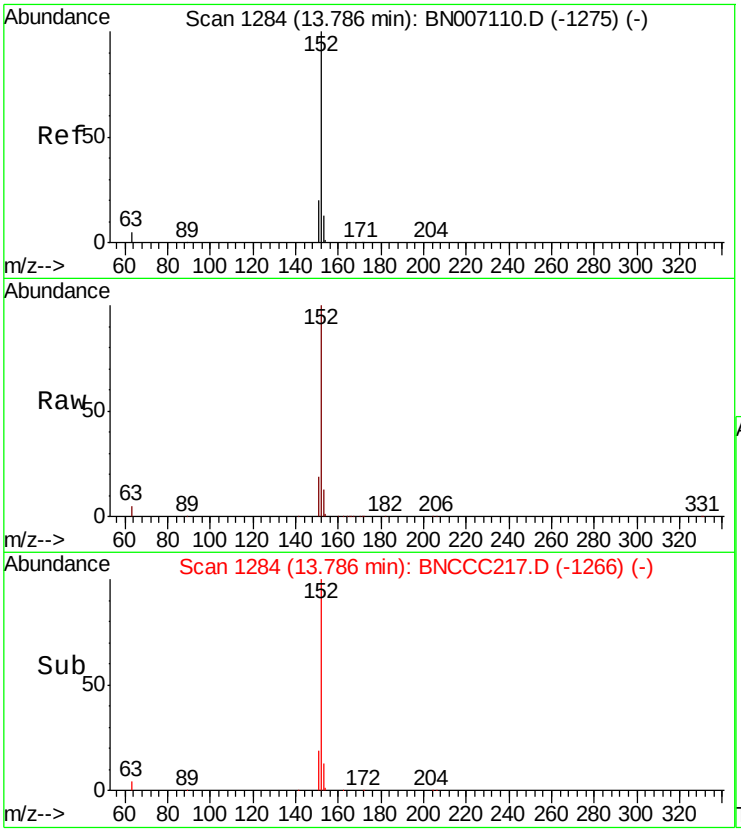


#14
2-Fluorobiphenyl
Concen: 0.092 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:172 Resp: 3256

Ion	Ratio	Lower	Upper
172	100		
171	31.4	26.3	39.5
170	20.0	17.0	25.4



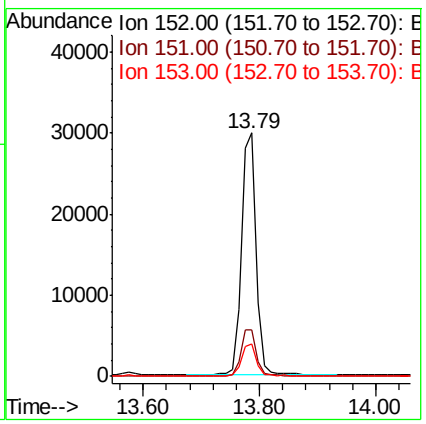


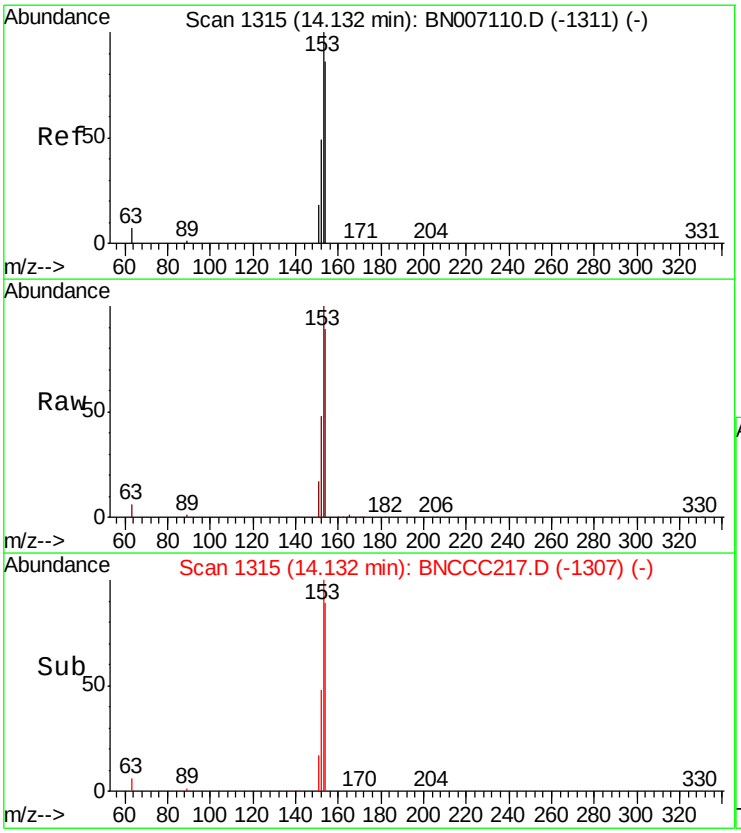
#15
Acenaphthylene
Concen: 0.419 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 53048

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.0	10.4	15.6

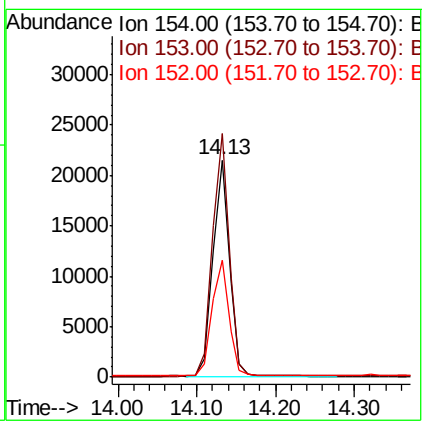


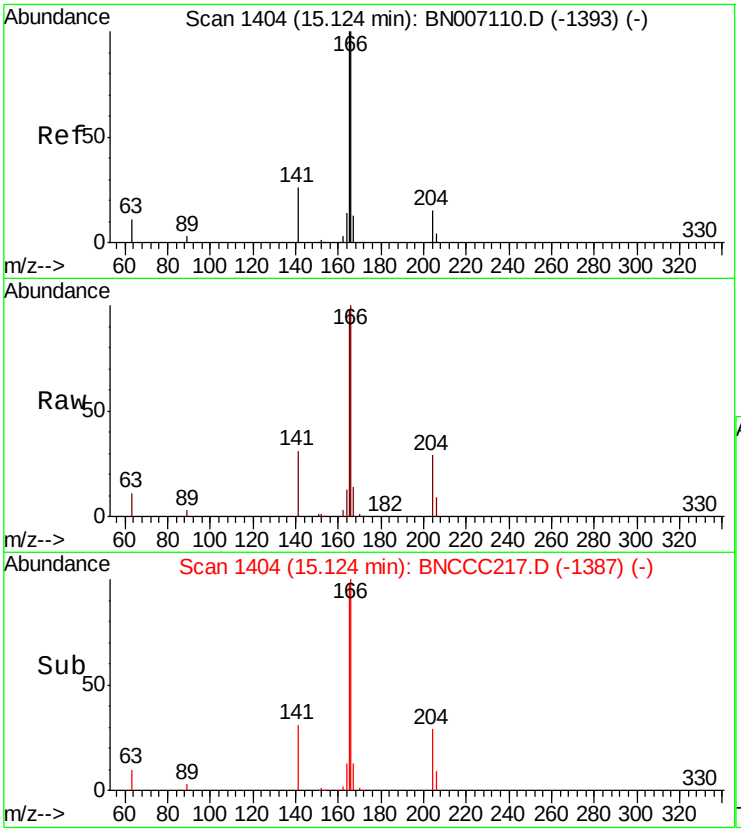


#16
Acenaphthene
Concen: 0.385 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:154 Resp: 31264

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.5	134.3
152	54.9	44.8	67.2



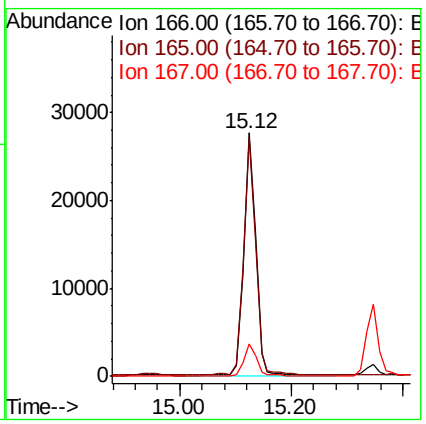


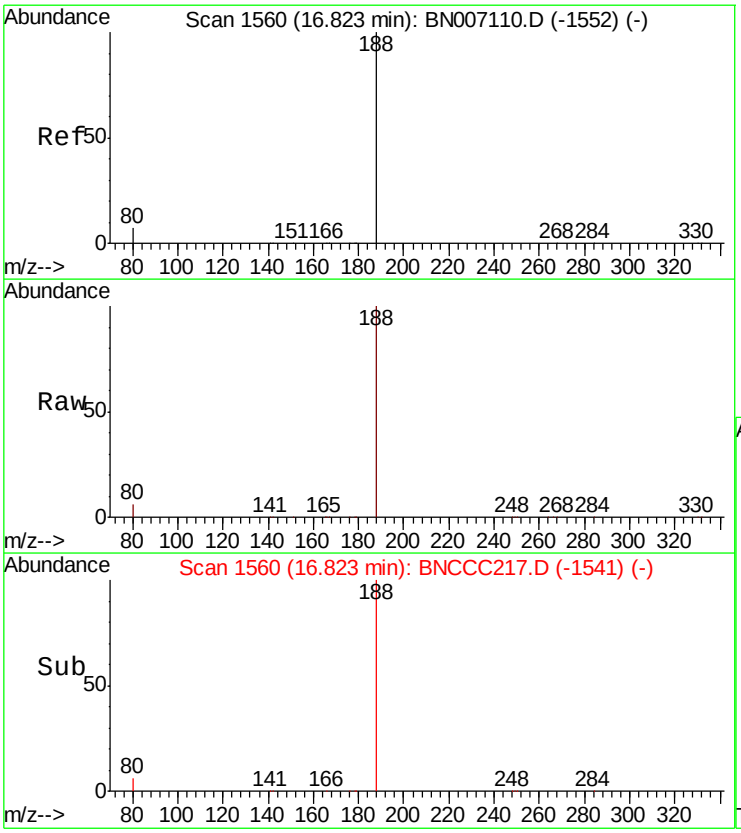
#17
Fluorene
Concen: 0.333 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 40422

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.9	116.9
167	13.5	10.9	16.3

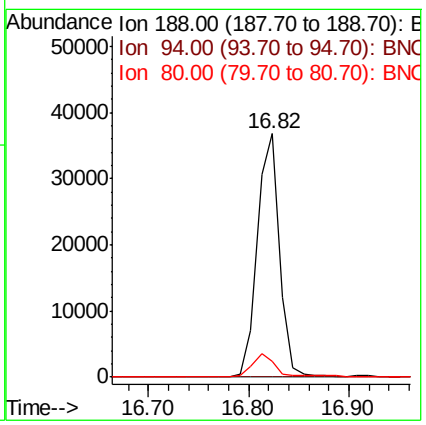


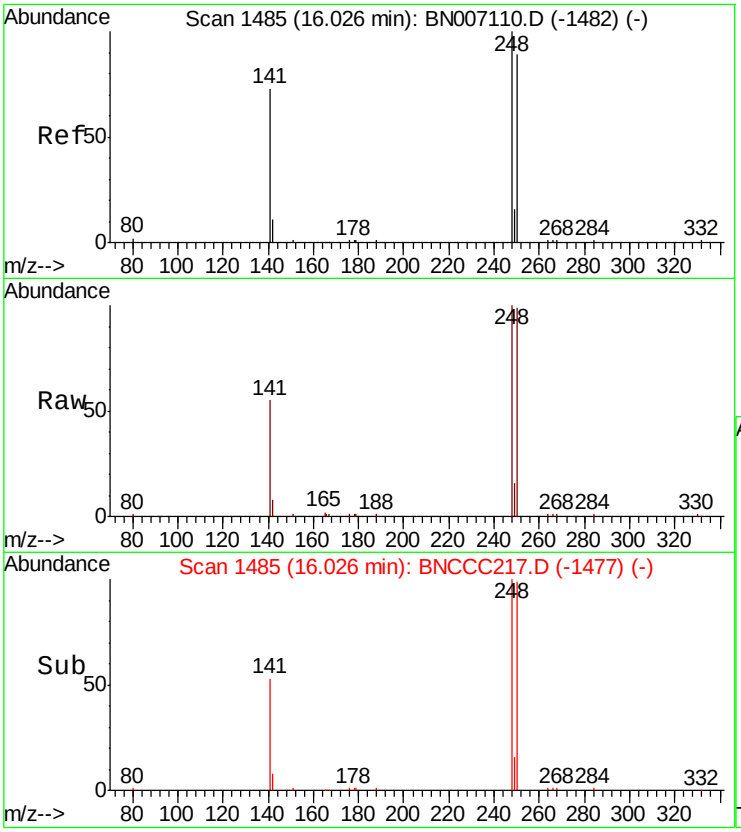


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:188 Resp: 56686

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	7.8	11.6#



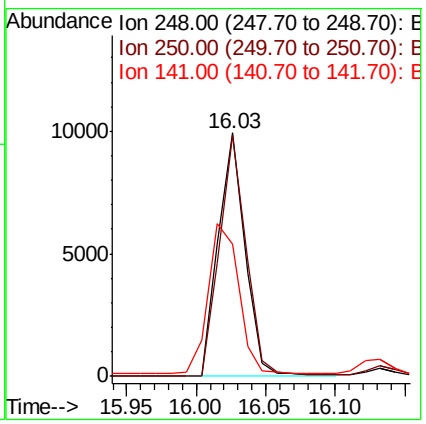


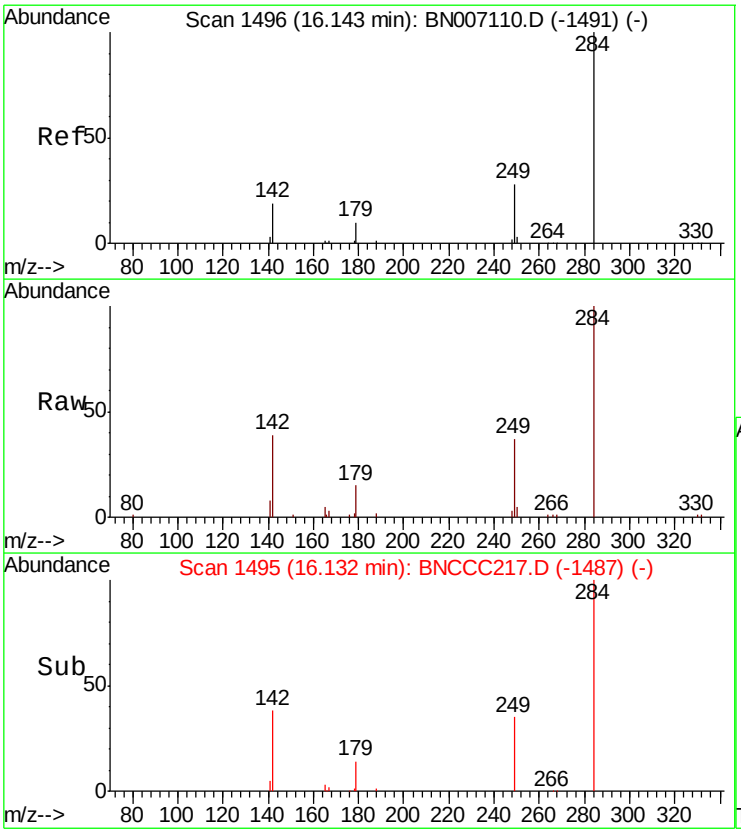
#19
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 13223

Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.9	118.3
141	54.6	43.3	64.9

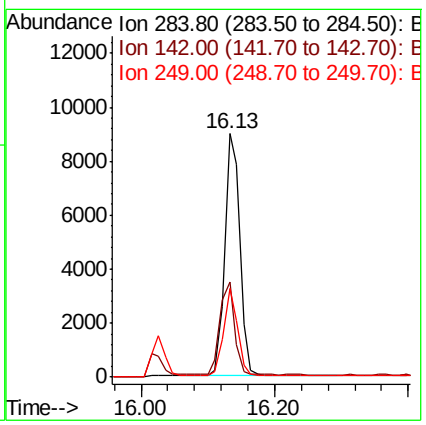


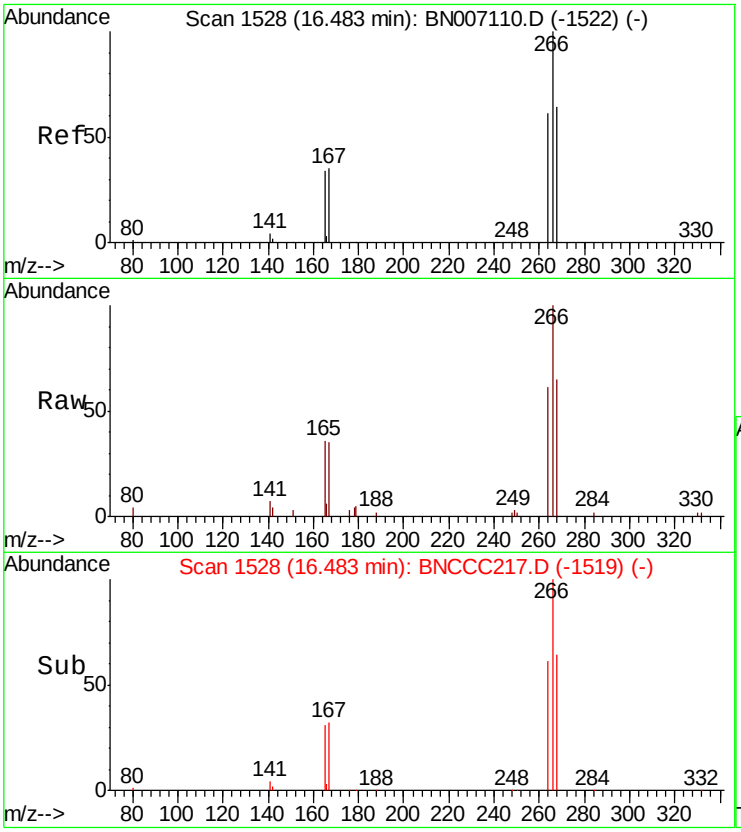


#20
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.13 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:284 Resp: 13854

Ion	Ratio	Lower	Upper
284	100		
142	37.4	30.5	45.7
249	33.3	26.7	40.1



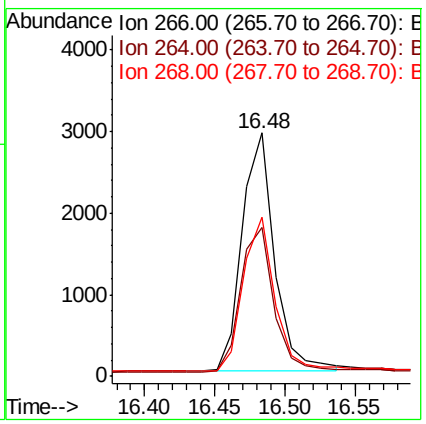


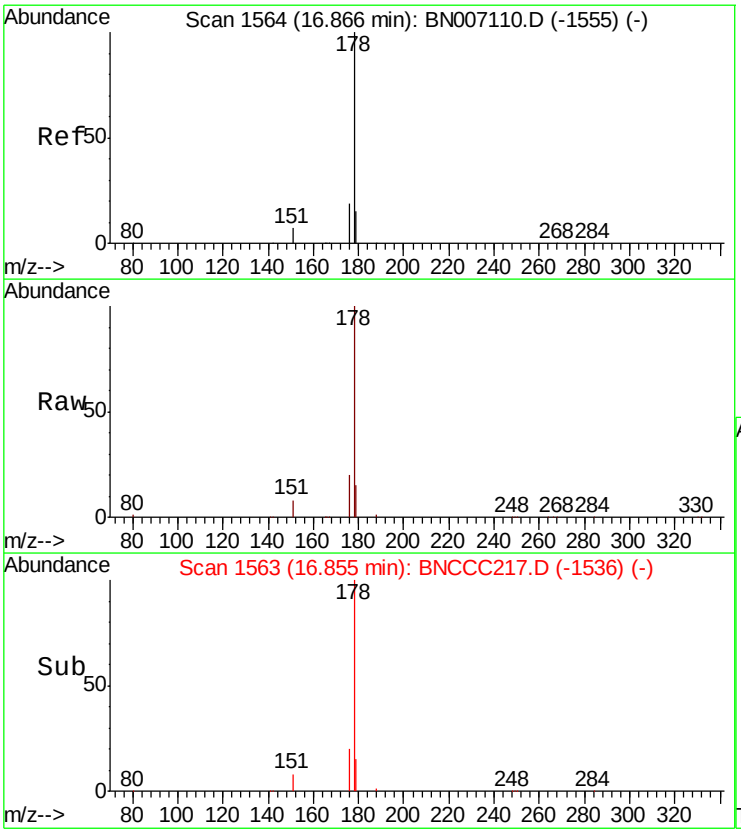
#21
Pentachlorophenol
Concen: 0.376 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 4722

Ion	Ratio	Lower	Upper
266	100		
264	61.1	52.3	78.5
268	65.1	51.5	77.3

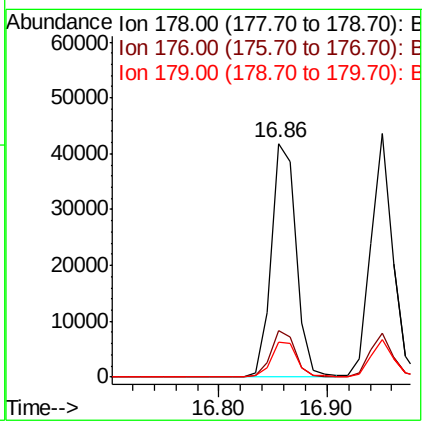


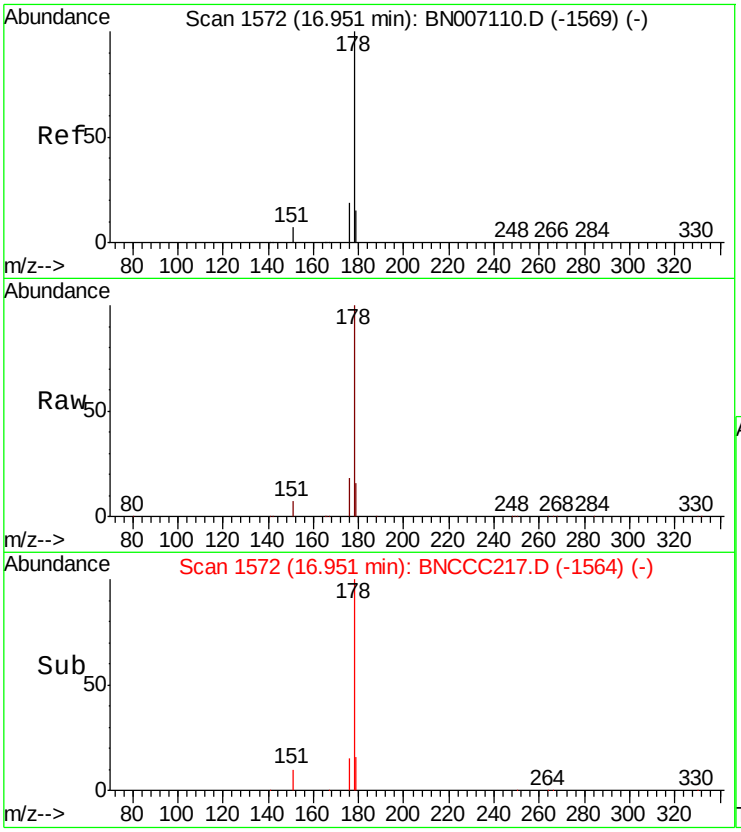


#22
Phenanthrene
Concen: 0.389 ng
RT: 16.86 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:178 Resp: 66112

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.3	12.3	18.5



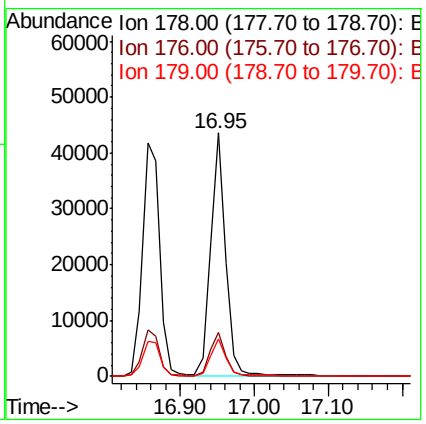


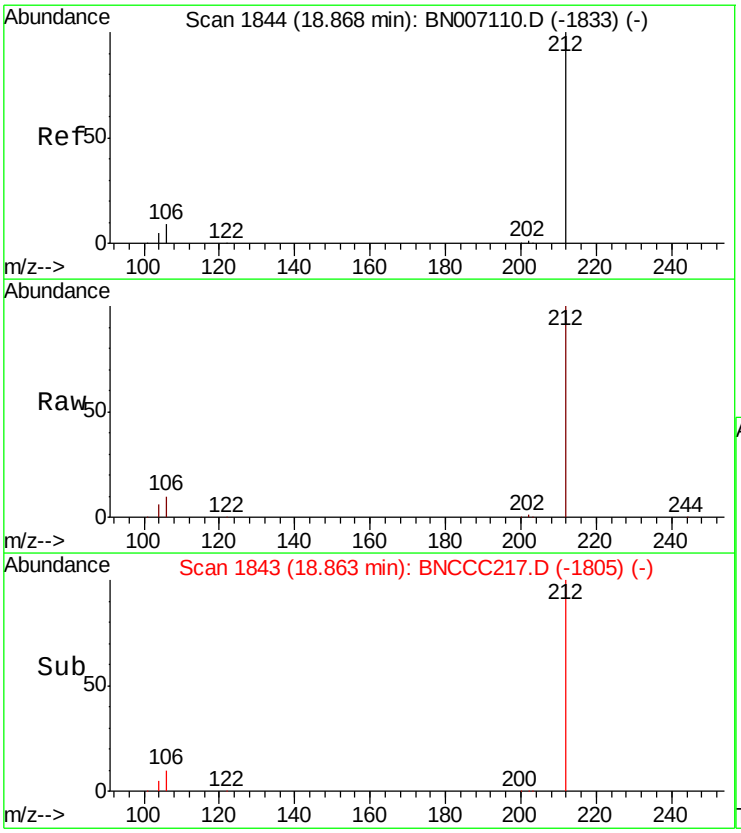
#23
Anthracene
Concen: 0.395 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 61359

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	14.9	12.5	18.7

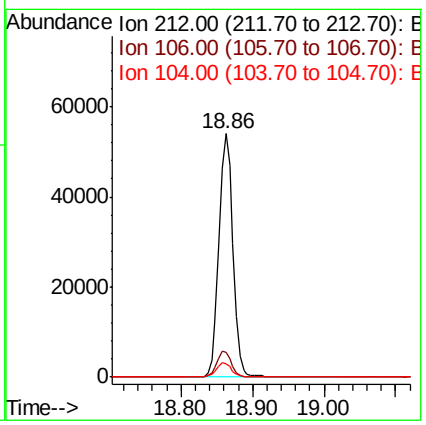


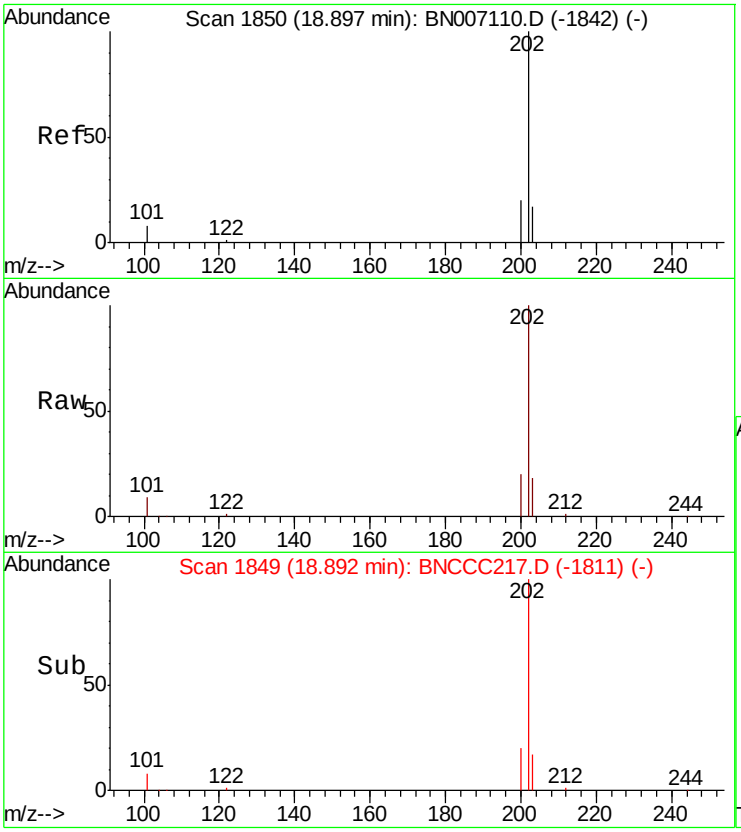


#24
Fluoranthene-d10
Concen: 0.361 ng
RT: 18.86 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:212 Resp: 72482

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.2
104	5.8	4.5	6.7



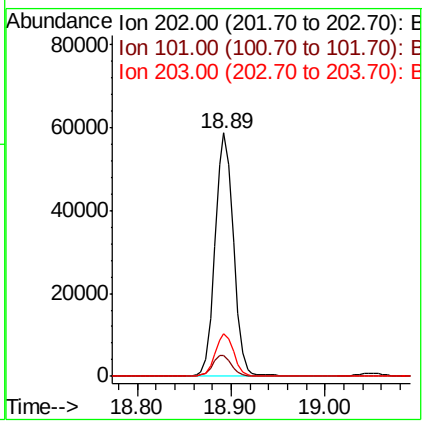


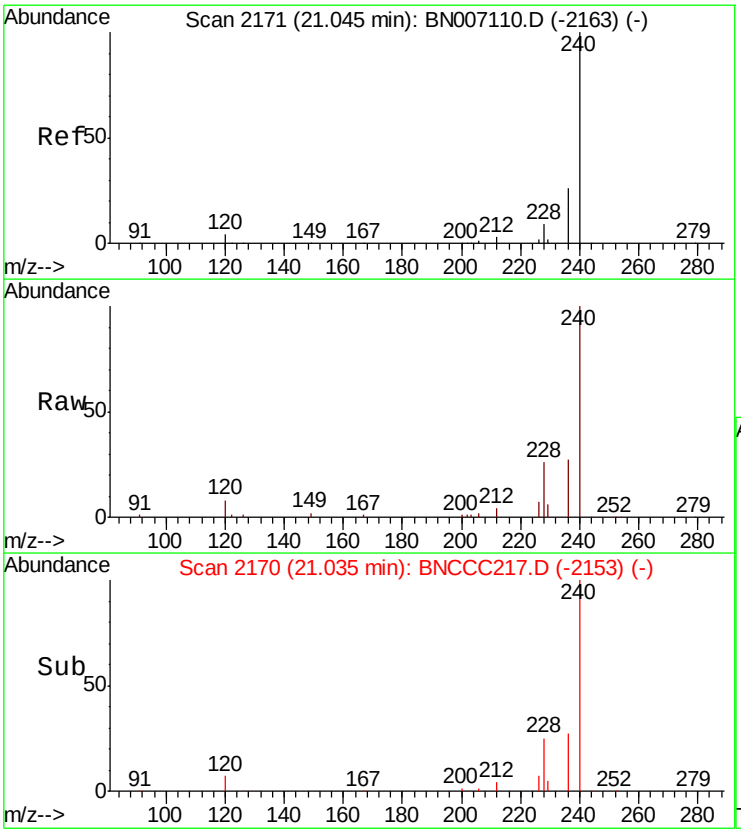
#25
Fluoranthene
Concen: 0.366 ng
RT: 18.89 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 79490

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
203	17.3	13.8	20.8

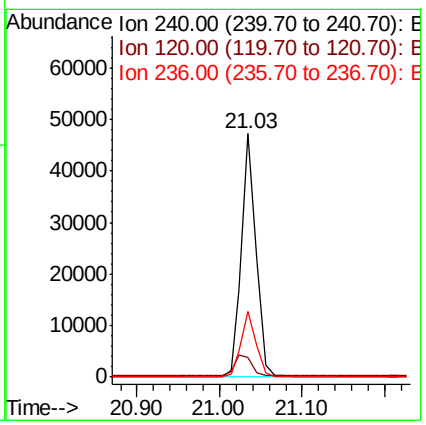


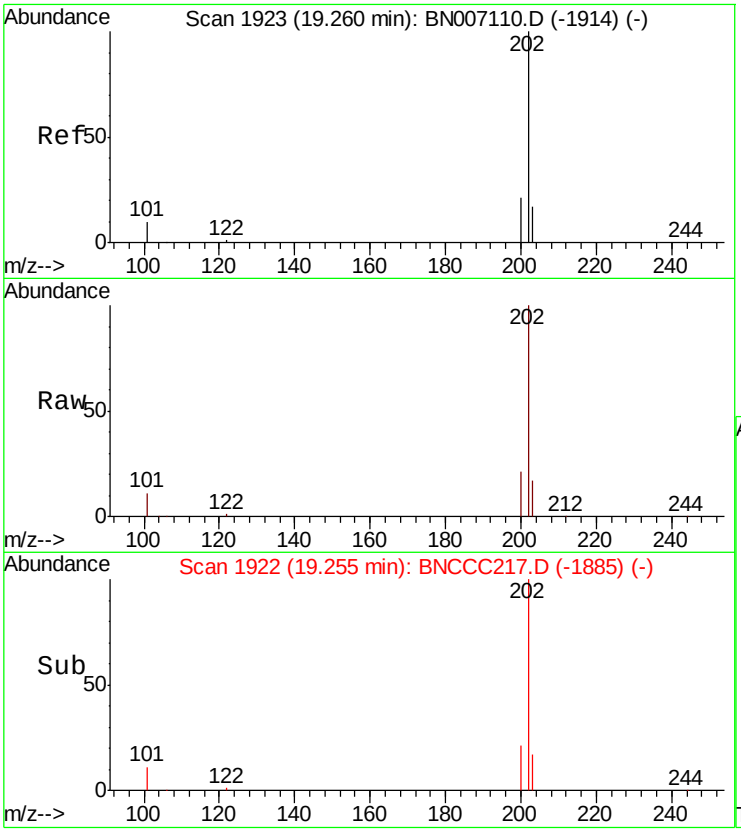


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:240 Resp: 57961

Ion	Ratio	Lower	Upper
240	100		
120	7.8	4.0	6.0#
236	26.7	21.3	31.9



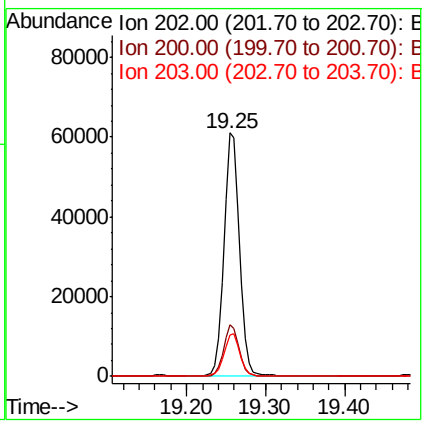


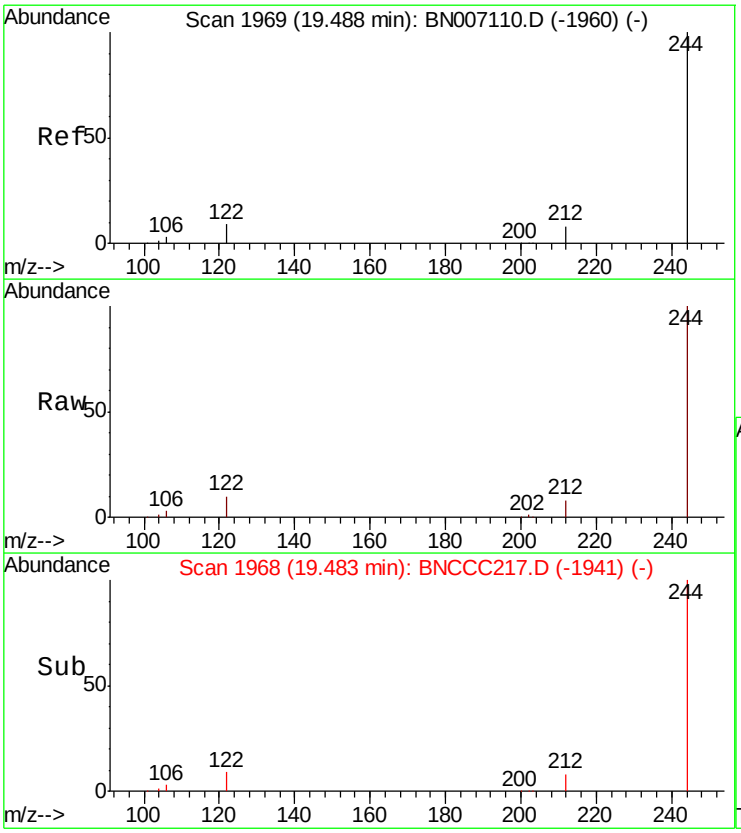
#27
Pyrene
Concen: 0.413 ng
RT: 19.25 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 83933

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.7	14.0	21.0

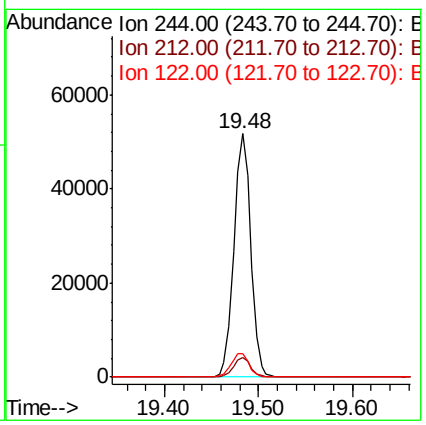


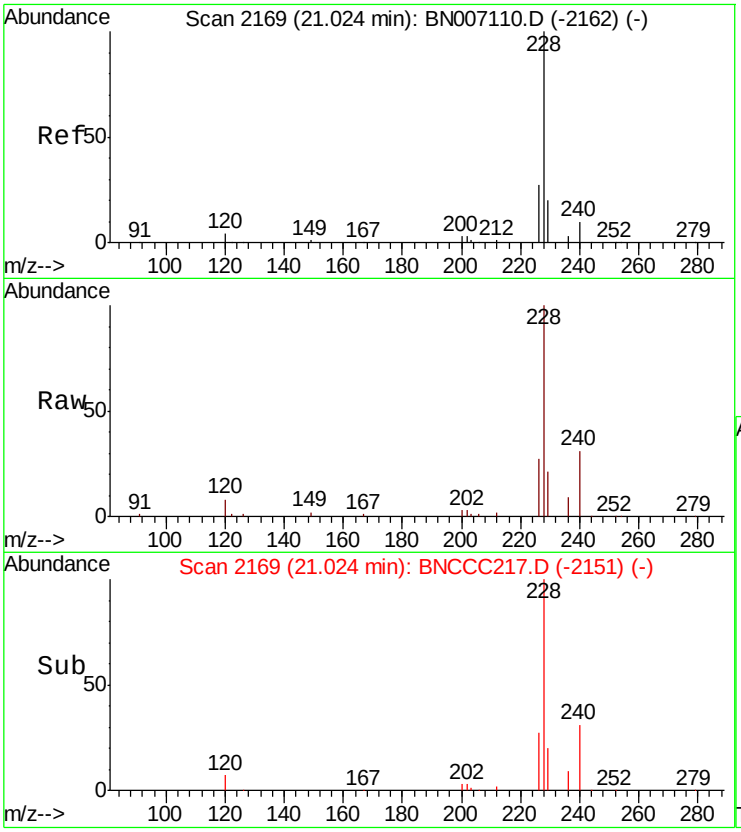


#28
Terphenyl-d14
Concen: 0.404 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:244 Resp: 63816

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	9.6	7.4	11.2



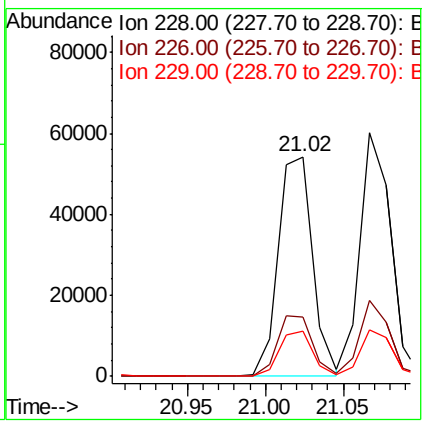


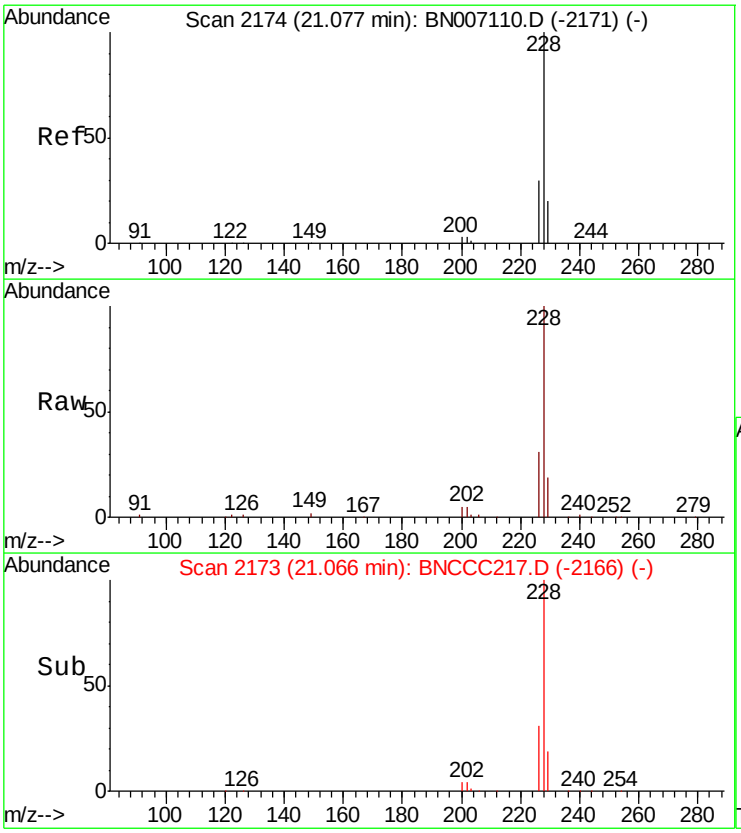
#29
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 82381

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	20.5	15.6	23.4

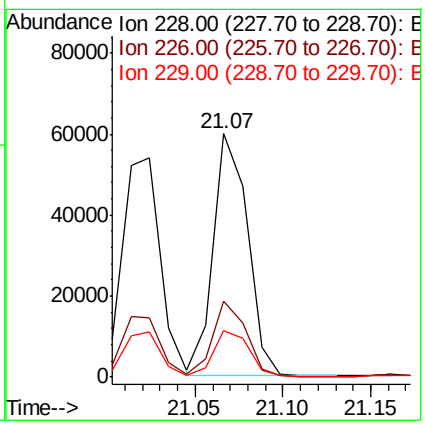


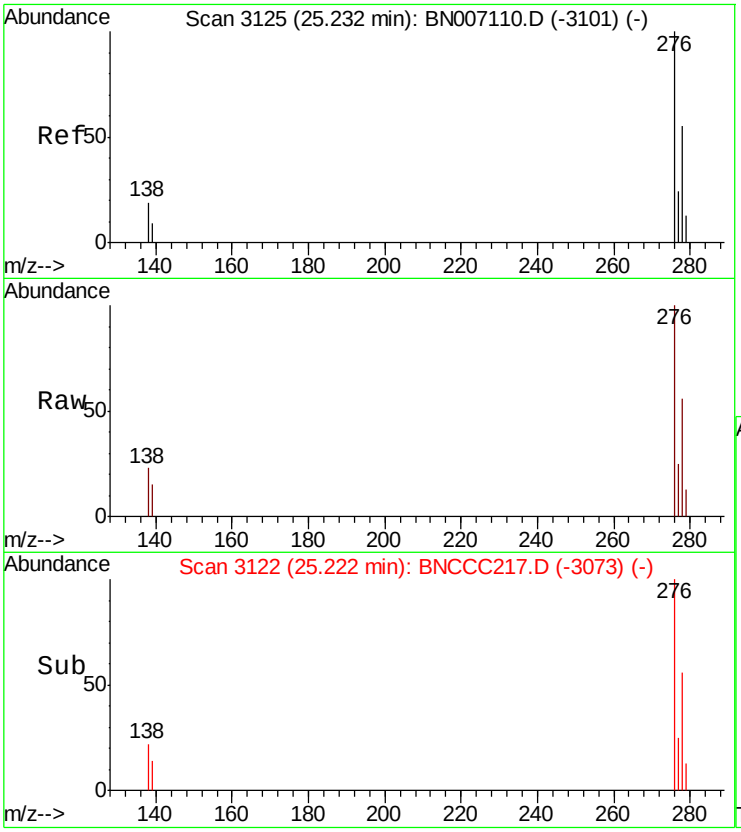


#30
Chrysene
Concen: 0.393 ng
RT: 21.07 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:228 Resp: 80993

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.6
229	19.3	15.7	23.5



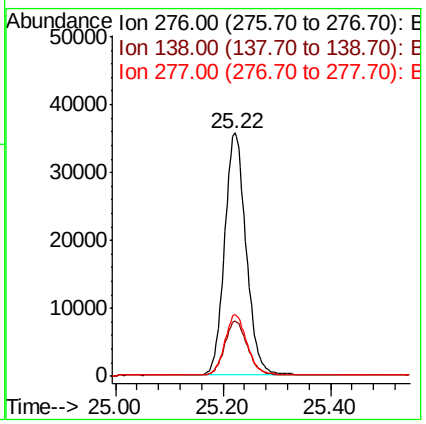


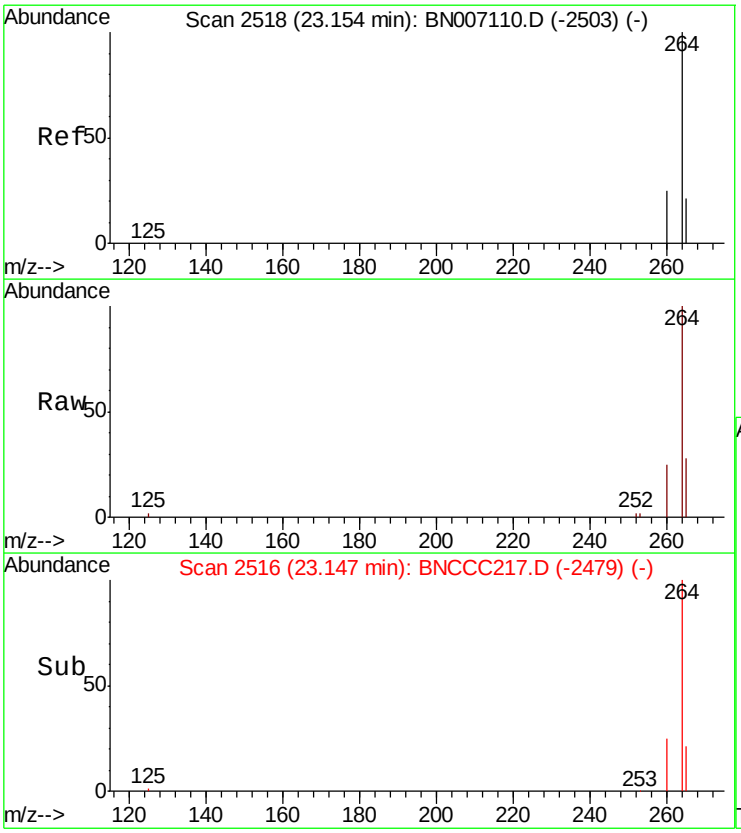
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng
RT: 25.22 min Scan# 3122
Delta R.T. -0.03 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 99410

Ion	Ratio	Lower	Upper
276	100		
138	23.0	16.0	24.0
277	25.0	19.9	29.9

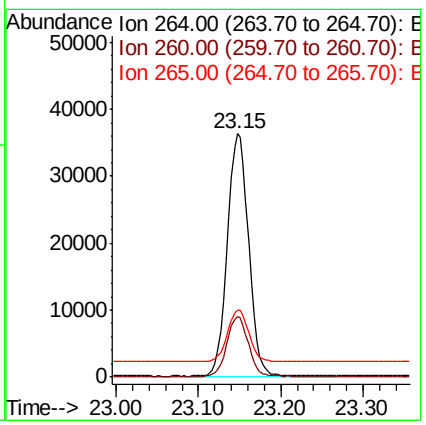


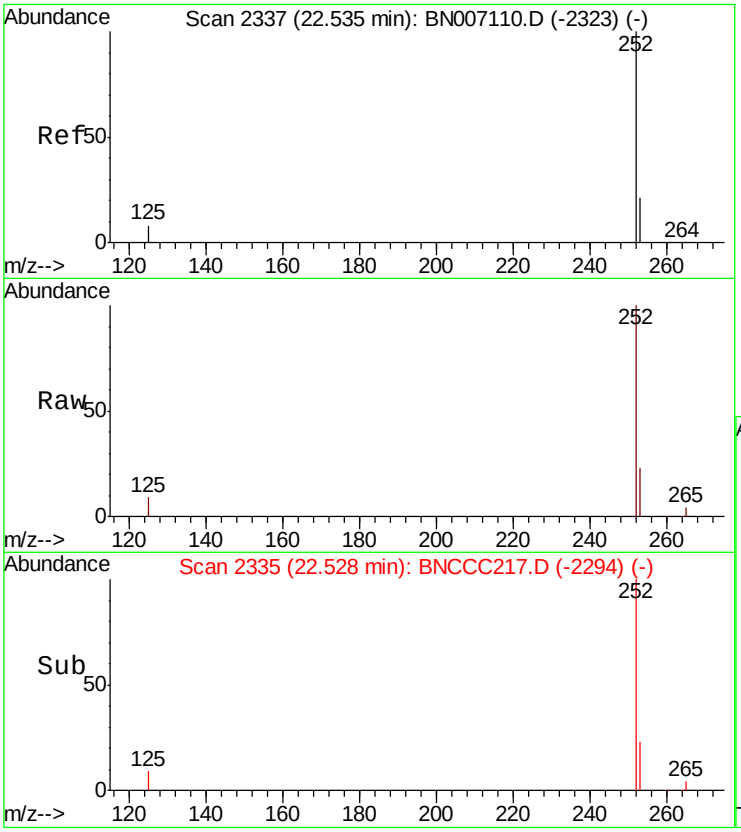


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:264 Resp: 64973

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	27.6	26.2	39.4



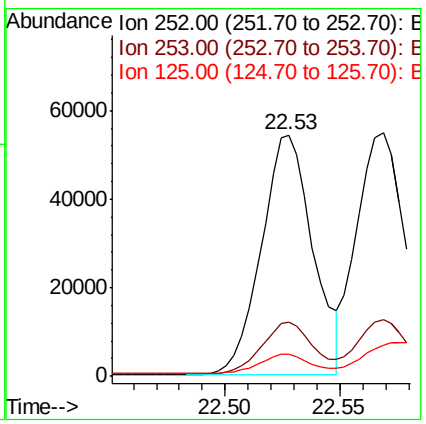


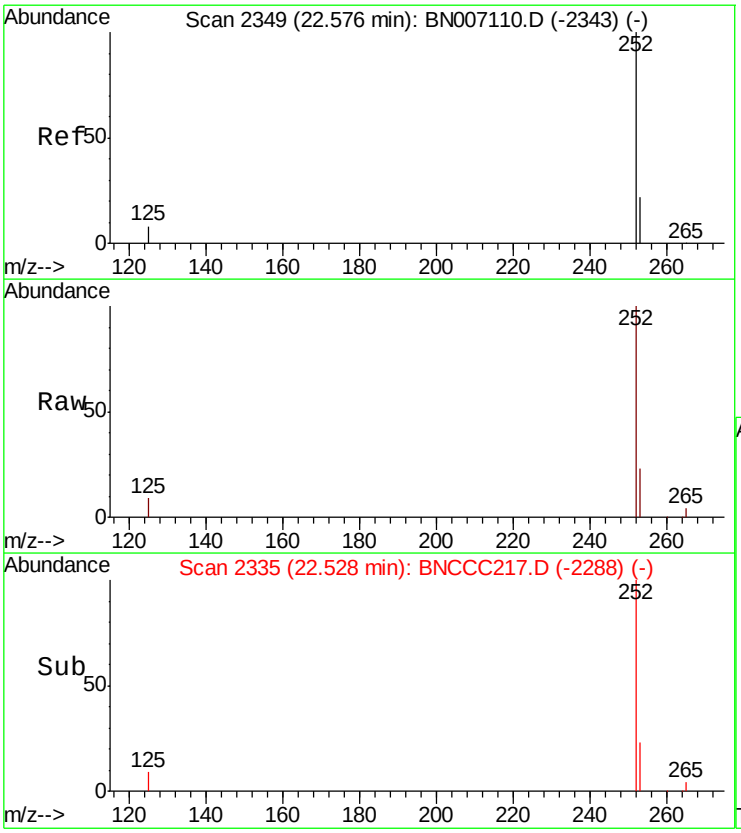
#33
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 22.53 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 84344

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.3	7.4	11.0

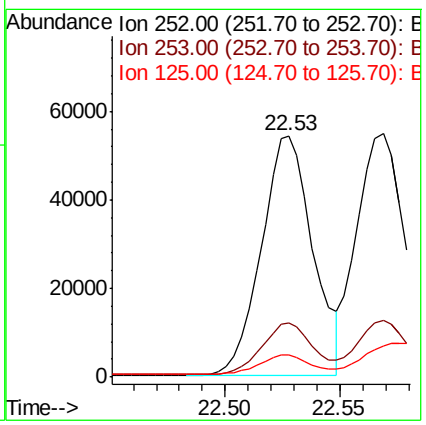


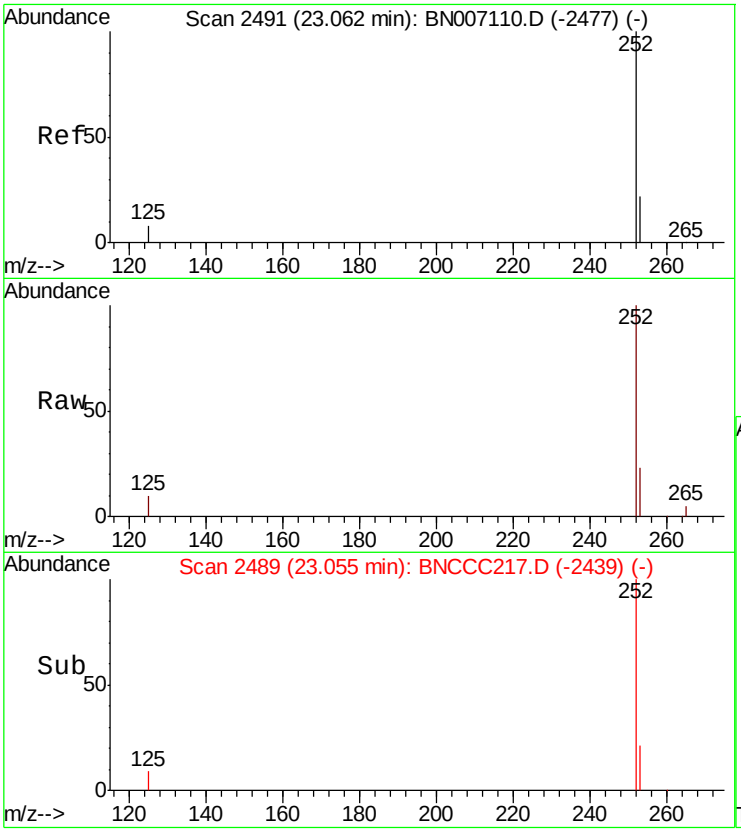


#34
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 22.53 min Scan# 2335
Delta R.T. -0.06 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:252 Resp: 84344

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.3	7.4	11.0



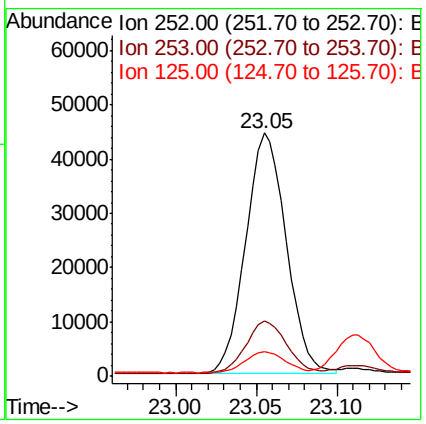


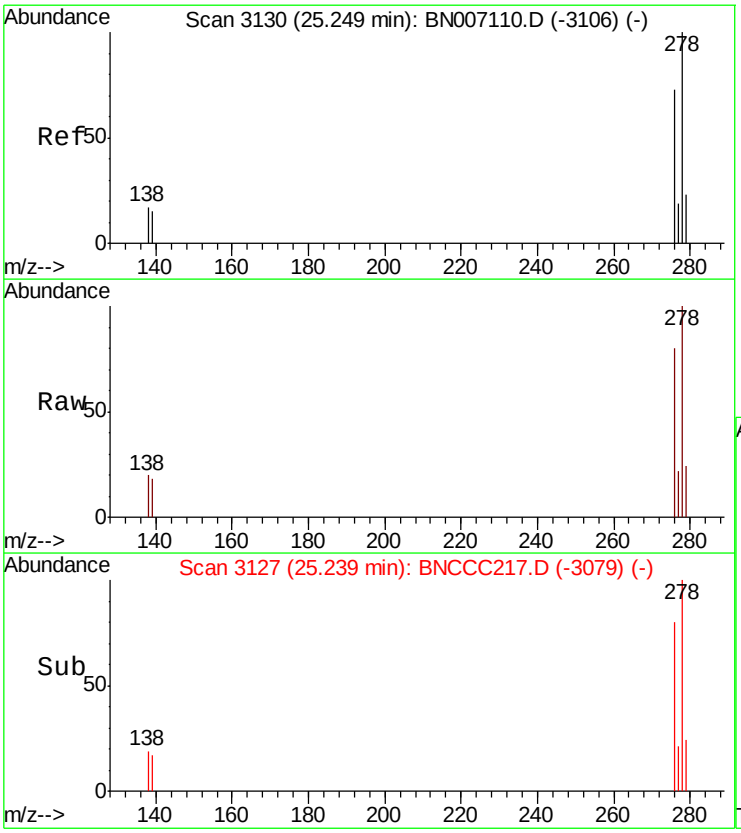
#35
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.05 min Scan# 2489
Delta R.T. -0.03 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 77227

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	10.3	8.2	12.4

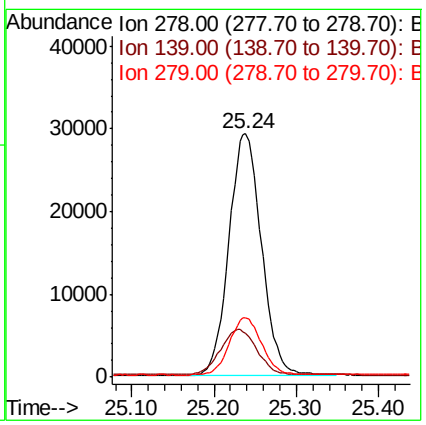


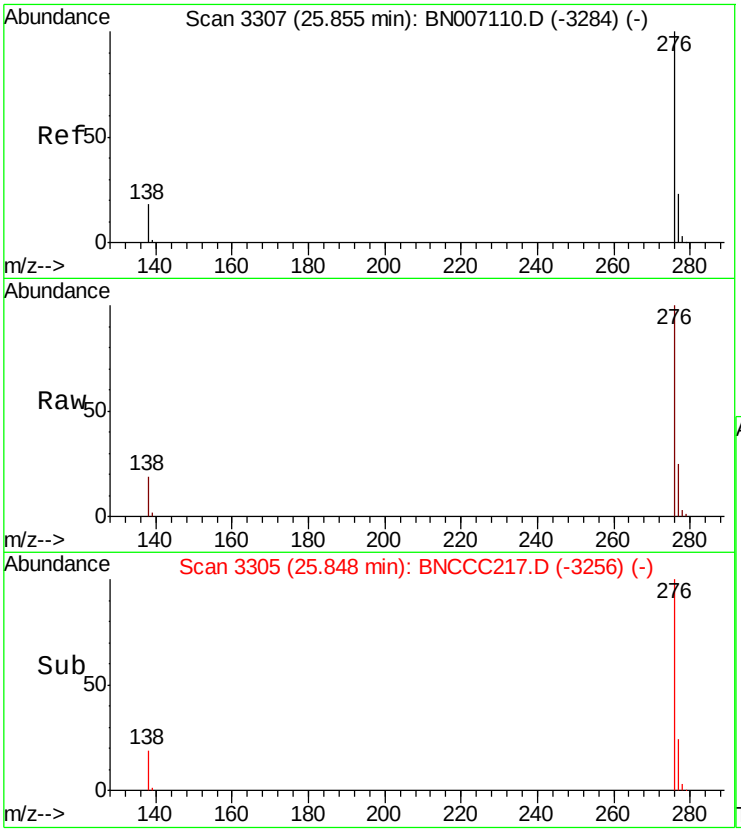


#36
Dibenzo(a,h)anthracene
Concen: 0.399 ng
RT: 25.24 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:278 Resp: 80351

Ion	Ratio	Lower	Upper
278	100		
139	18.2	11.3	16.9#
279	24.3	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 25.85 min Scan# 3305
Delta R.T. -0.03 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 79012

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	19.3	14.6	22.0