Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007052.D
Acq On : 10 Aug 2019 16:22
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBE081019

Quant Time: Aug 10 21:55:43 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	6431	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	23218	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	13090	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	33437	0.40	ng	0.00
26) Chrysene-d12	21.05	240	37231	0.40	ng	-0.01
32) Perylene-d12	23.16	264	35005	0.40	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	5821	0.38	ng	0.00
4) Phenol-d6	6.61	99	6910	0.36	ng	0.00
7) Nitrobenzene-d5	8.56	82	6806	0.36	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	15711	0.36	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1958	0.28	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	7981	0.42	ng	0.00
24) Fluoranthene-d10	18.87	212	44773	0.38	ng	0.00
28) Terphenyl-d14	19.49	244	38862	0.38	ng	0.00
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.36	42	1276	0.302	ng	# 96
5) bis(2-Chloroethyl)ether	6.87	93	6549	0.387	ng	99
8) Naphthalene	10.24	128	24273	0.373	ng	99
9) Hexachlorobutadiene	10.54	225	5370	0.387	ng	# 98
11) 2-Methylnaphthalene	11.87	142	16784	0.364	ng	98
15) Acenaphthylene	13.79	152	25197	0.368	ng	100
16) Acenaphthene	14.14	154	16437	0.375	ng	99
17) Fluorene	15.14	166	21636	0.330	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	8123	0.393	ng	96
20) Hexachlorobenzene	16.14	284	8058	0.405	ng	100
21) Pentachlorophenol	16.48	266	2339	0.316	ng	98
22) Phenanthrene	16.87	178	39291	0.392	ng	100
23) Anthracene	16.96	178	33827	0.369	ng	100
25) Fluoranthene	18.90	202	48970	0.382	ng	100
27) Pyrene	19.26	202	49414	0.378	ng	100
29) Benzo(a)anthracene	21.03	228	51924	0.381	ng	99
30) Chrysene	21.08	228	52414	0.396	ng	98
31) Indeno(1,2,3-cd)pyrene	25.24	276	51559	0.354	ng	100
33) Benzo(b)fluoranthene	22.54	252	47639	0.397	ng	100
34) Benzo(k)fluoranthene	22.58	252	48421	0.408	ng	100
35) Benzo(a)pyrene	23.07	252	41323	0.380	ng	99
36) Dibenzo(a,h)anthracene	25.26	278	41776	0.385	ng	100
37) Benzo(g,h,i)perylene	25.87	276	43639	0.391	ng	99

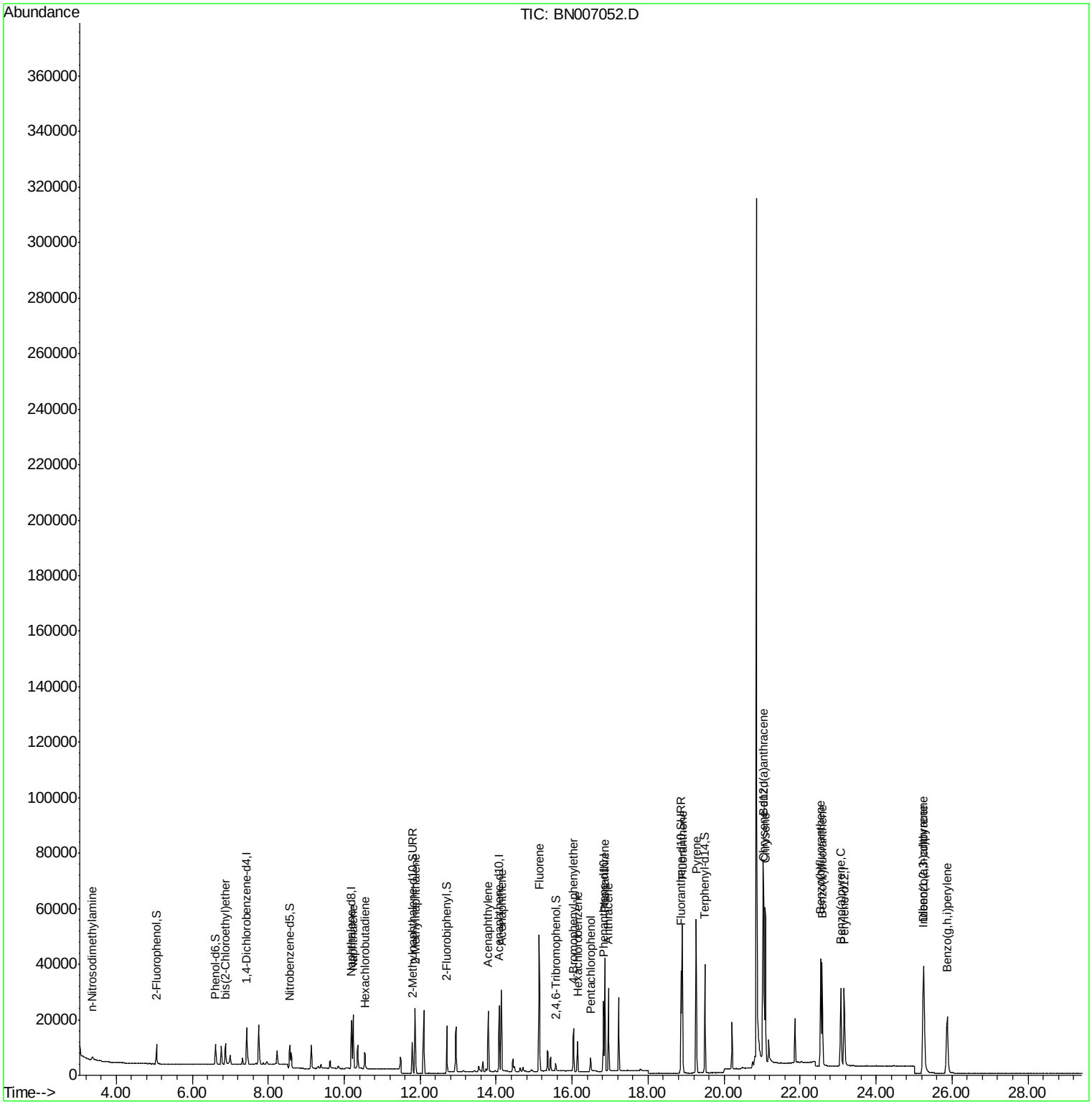
(#) = qualifier out of range (m) = manual integration (+) = signals summed

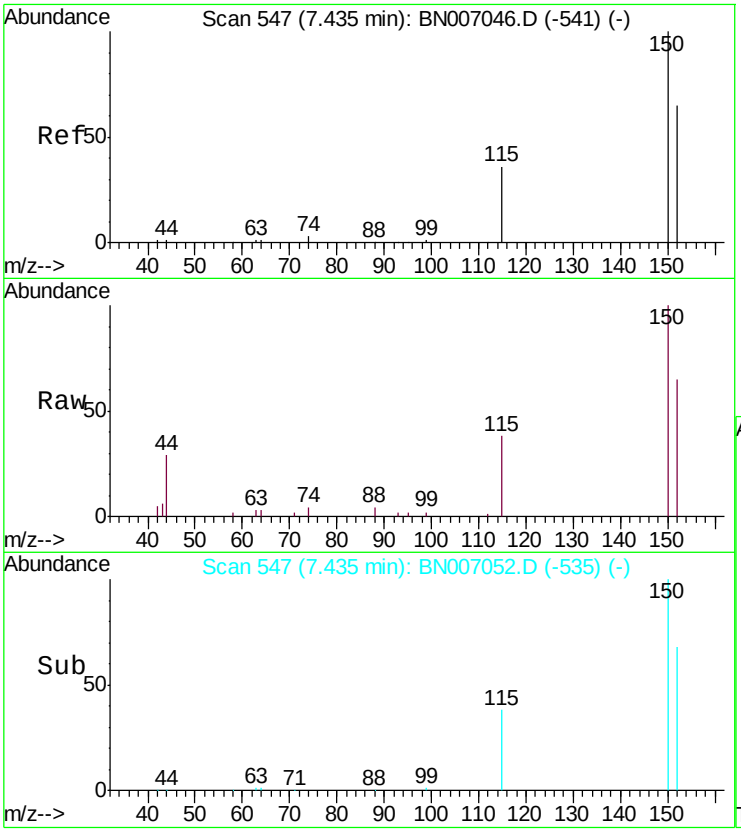
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007052.D
Acq On : 10 Aug 2019 16:22
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Quant Time: Aug 10 21:55:43 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



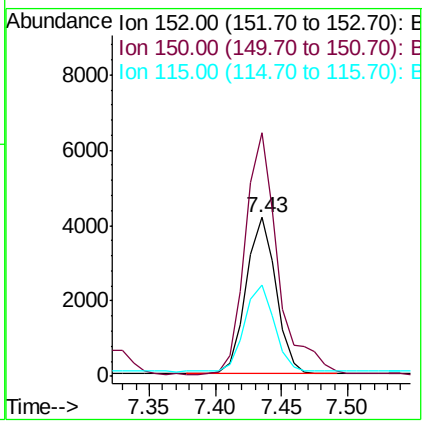


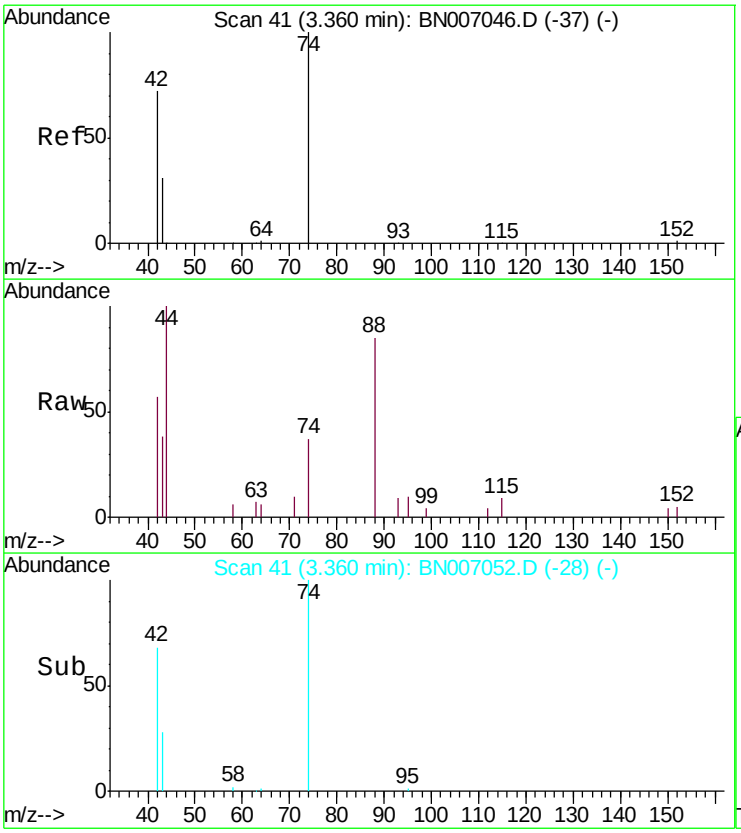
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:152 Resp: 6431

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.7	182.5
115	57.7	46.2	69.4

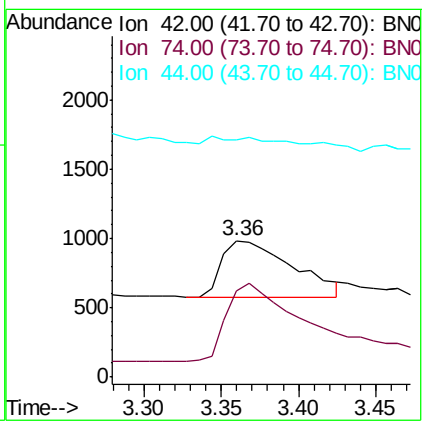


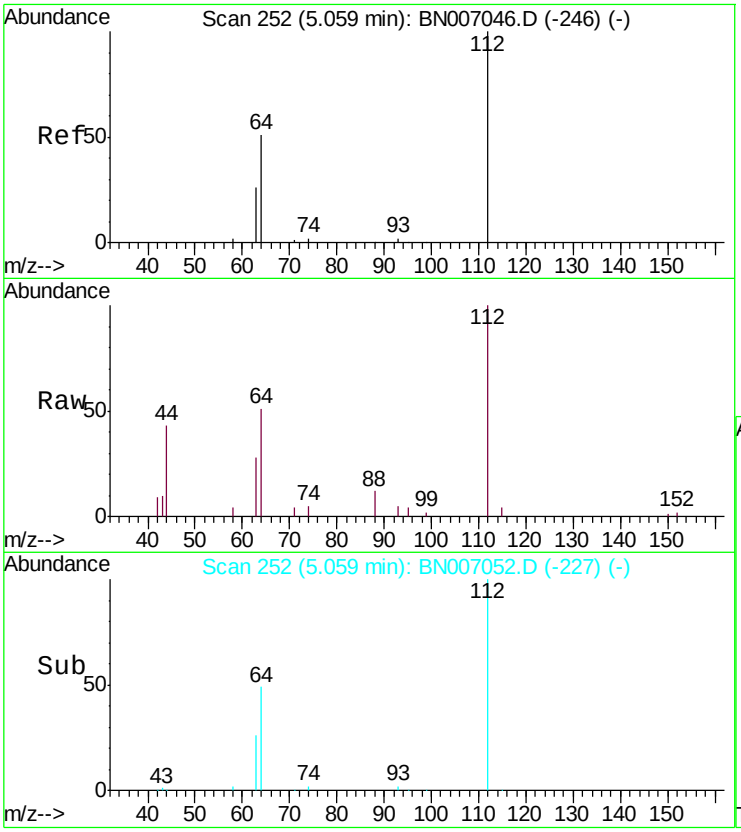


#2
n-Nitrosodimethylamine
Concen: 0.302 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion: 42 Resp: 1276

Ion	Ratio	Lower	Upper
42	100		
74	143.5	110.6	166.0
44	0.0	0.0	0.0



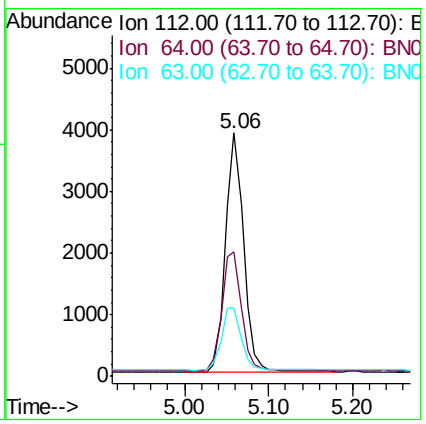


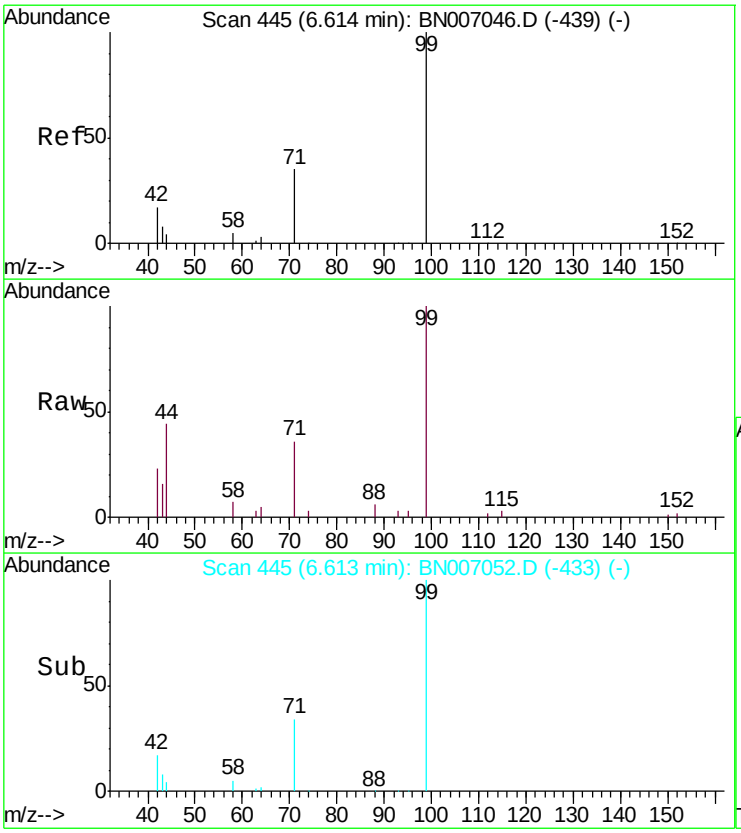
#3
2-Fluorophenol
Concen: 0.377 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:112 Resp: 5821

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.6	63.8
63	28.2	22.2	33.2

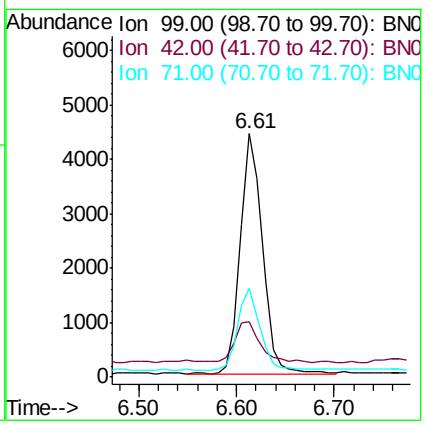


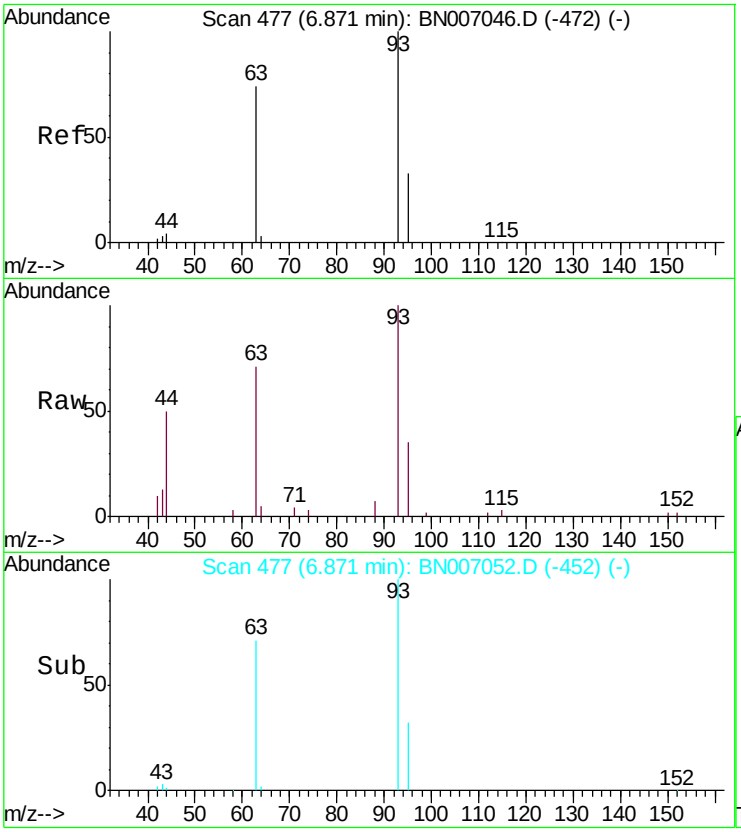


#4
Phenol-d6
Concen: 0.361 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion: 99 Resp: 6910

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.8	23.6
71	34.5	27.0	40.4



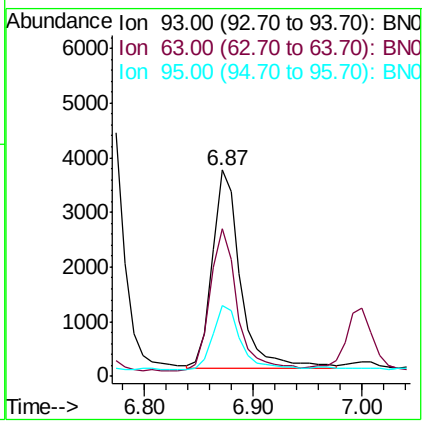


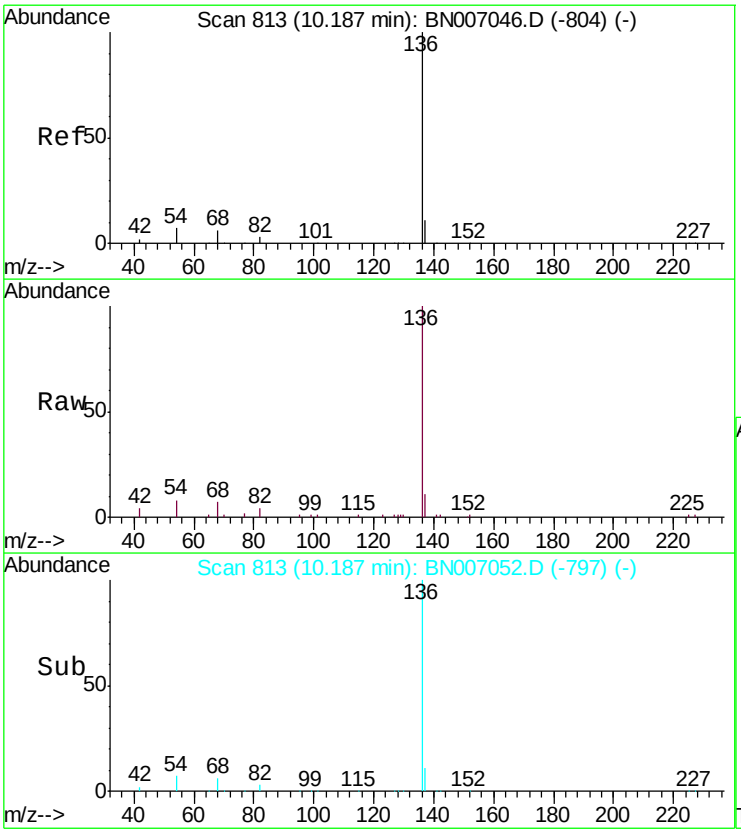
#5
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion: 93 Resp: 6549

Ion	Ratio	Lower	Upper
93	100		
63	69.2	55.6	83.4
95	32.0	26.7	40.1

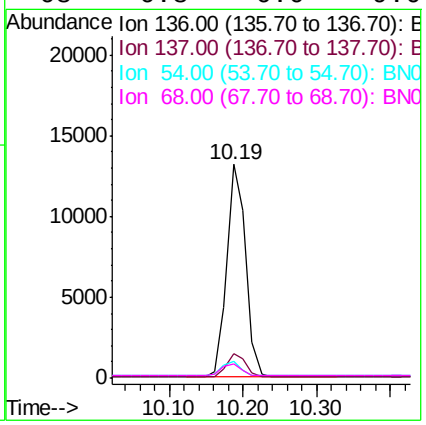


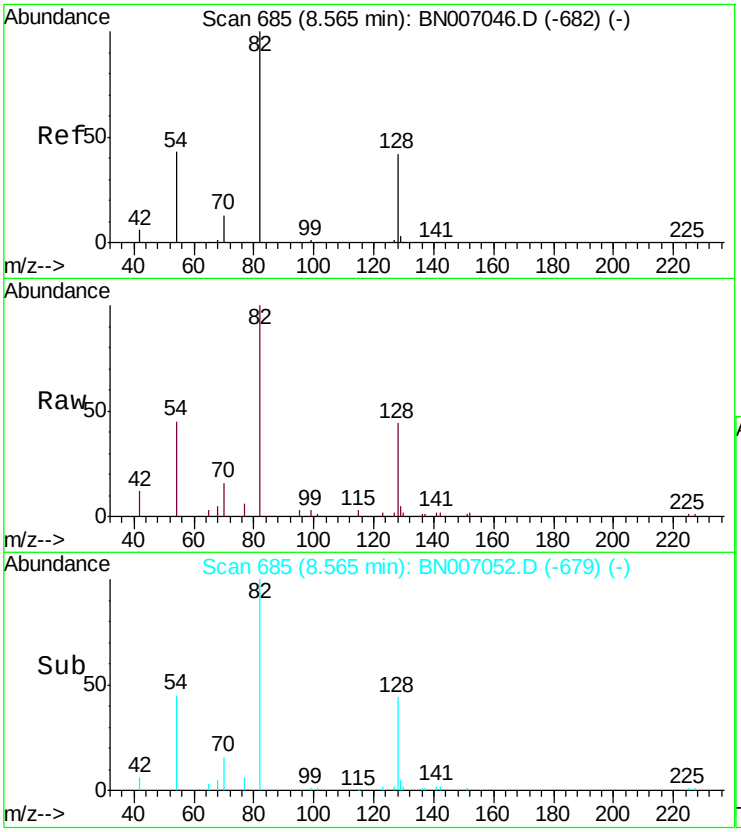


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:136 Resp: 23218

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	7.6	6.6	9.8
68	6.8	6.0	9.0



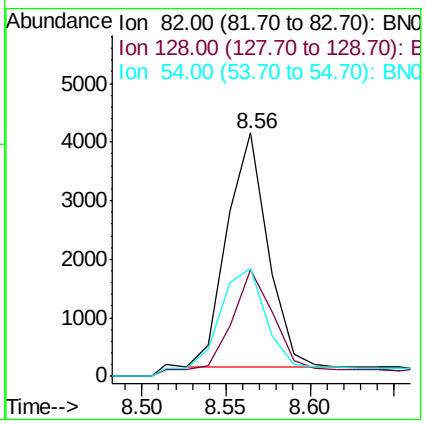


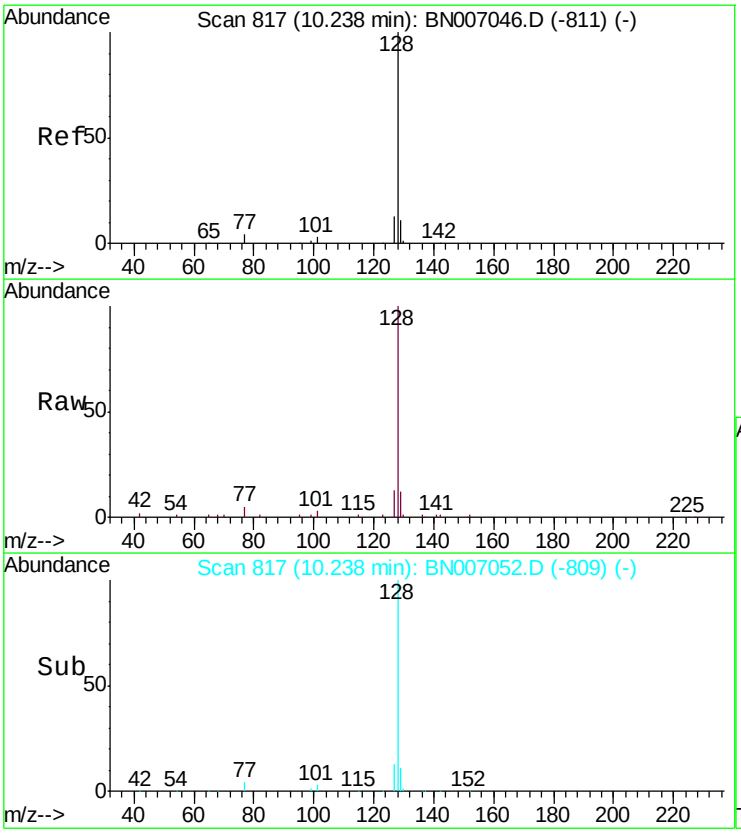
#7
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion: 82 Resp: 6806

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	51.8
54	44.5	36.2	54.4

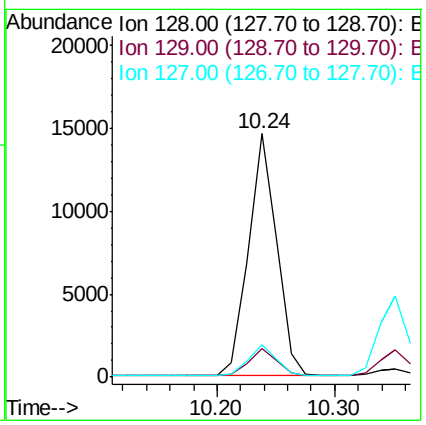


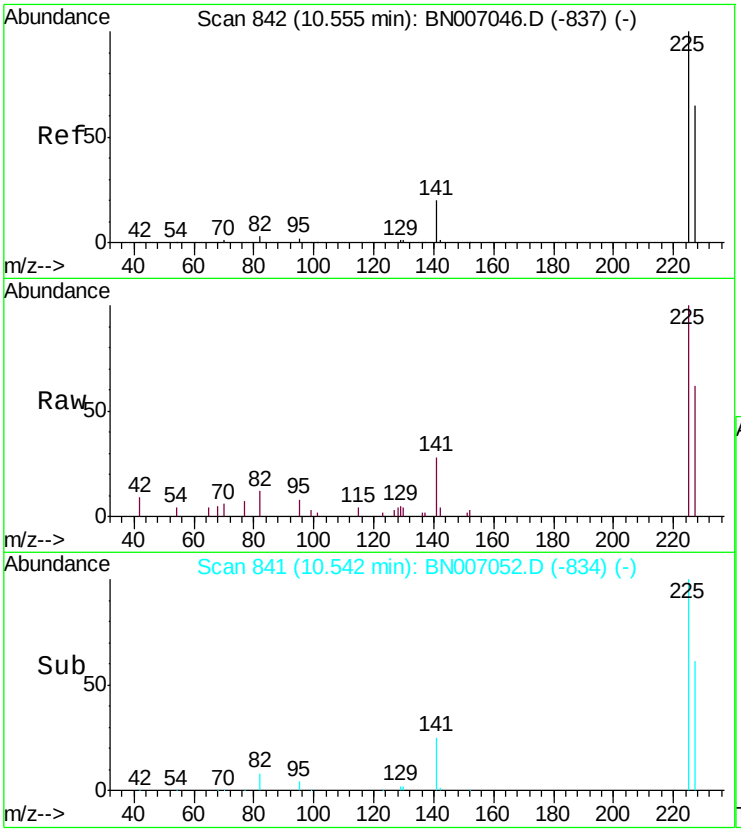


#8
Naphthalene
Concen: 0.373 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:128 Resp: 24273

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.5	11.0	16.6



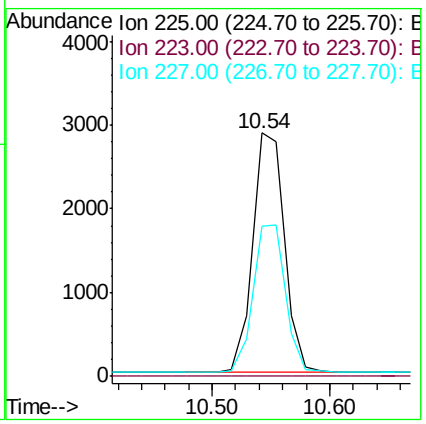


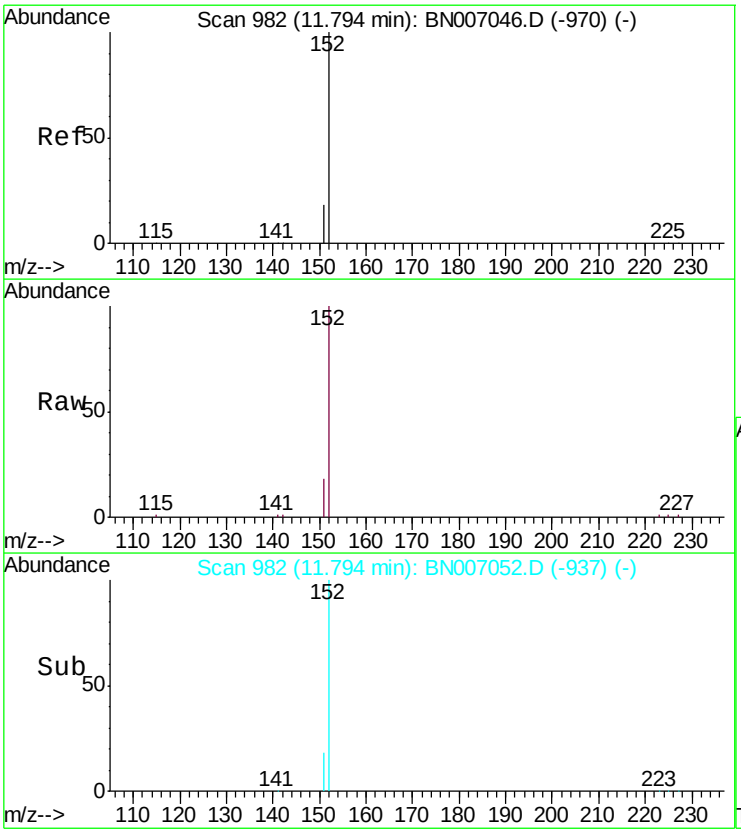
#9
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.01 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:225 Resp: 5370

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	51.1	76.7

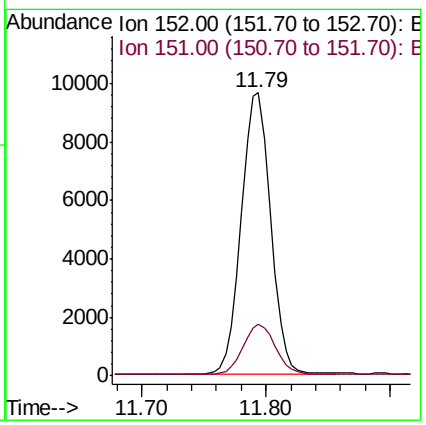


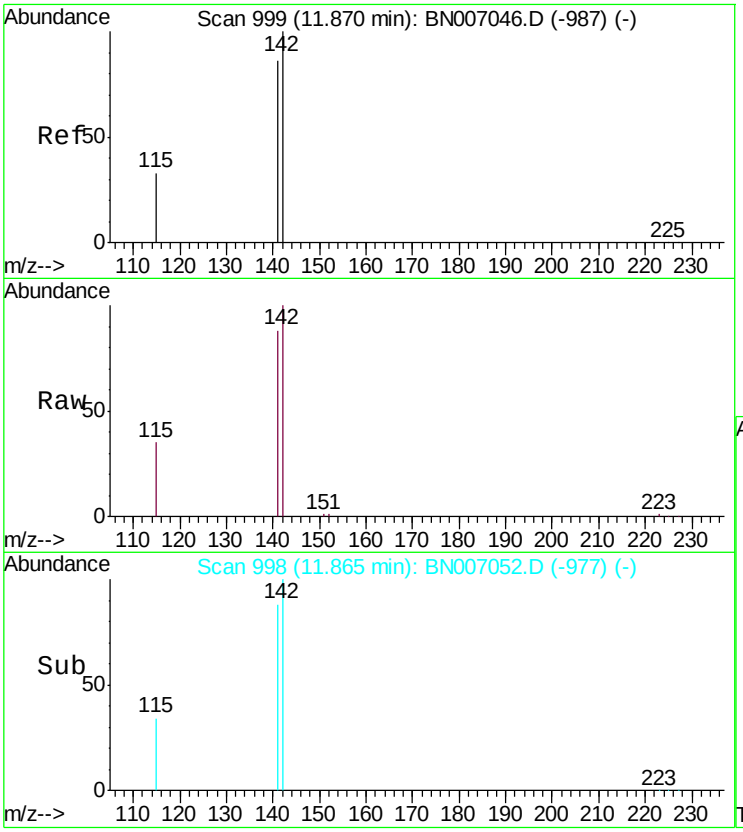


#10
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 11.79 min Scan# 982
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:152 Resp: 15711

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3



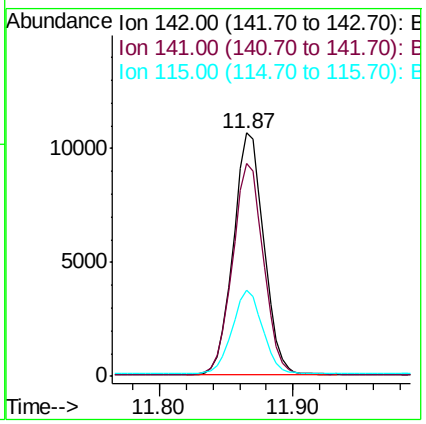


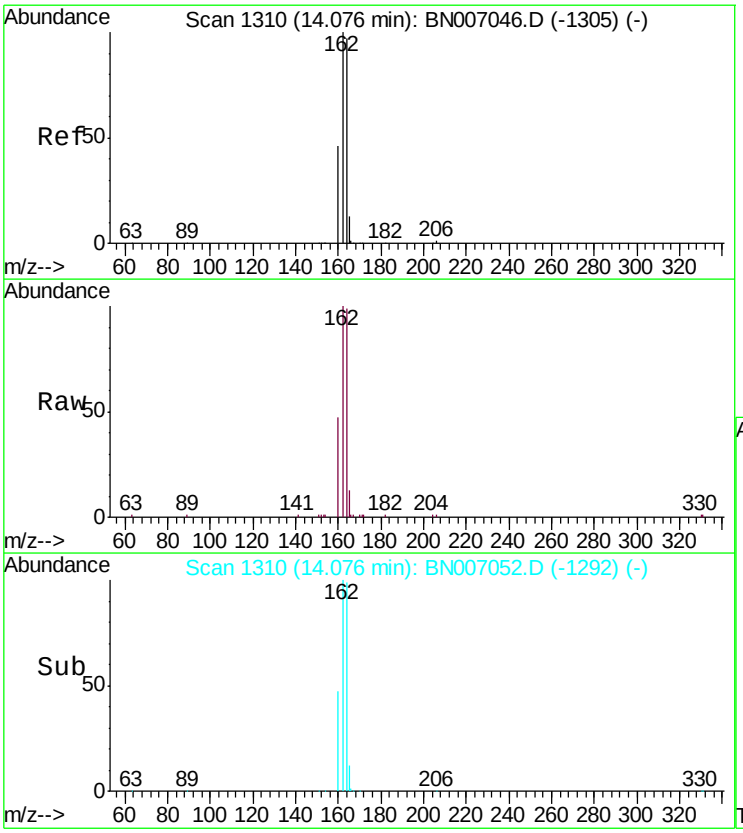
#11
2-Methylnaphthalene
Concen: 0.364 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:142 Resp: 16784

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.0	103.6
115	35.2	27.1	40.7

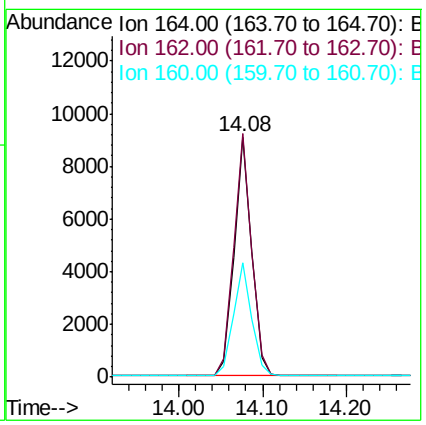


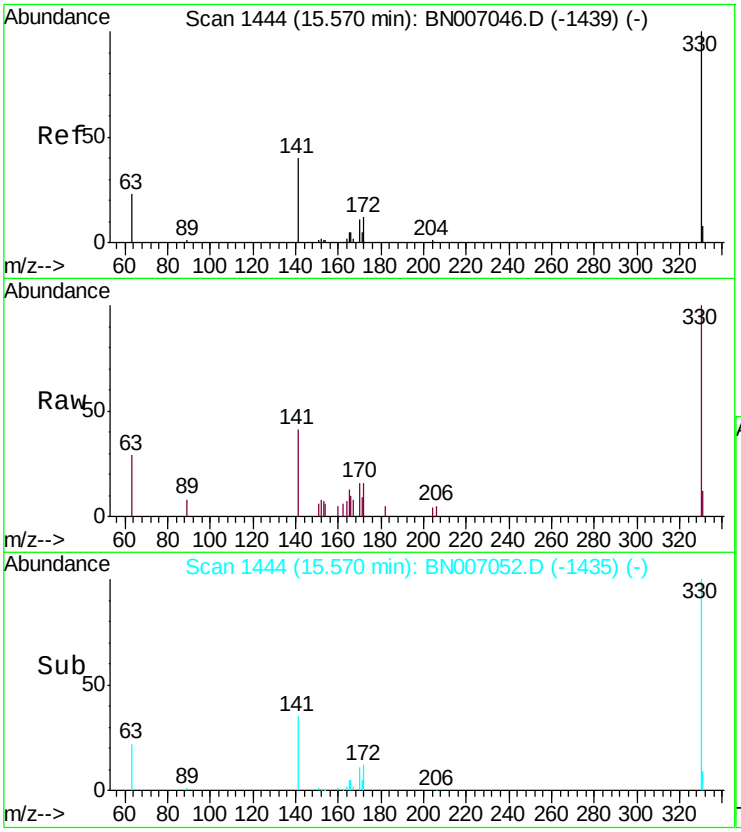


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:164 Resp: 13090

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



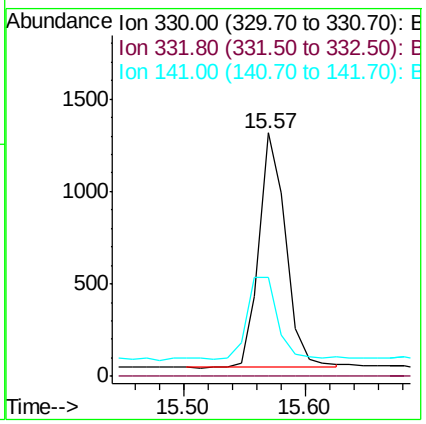


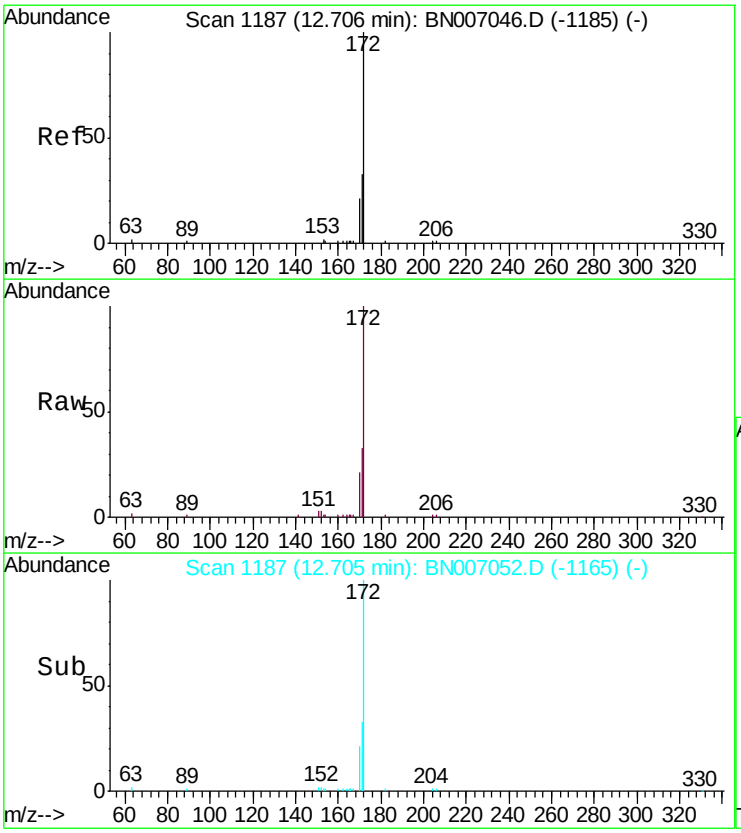
#13
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:330 Resp: 1958

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.8	33.6	50.4

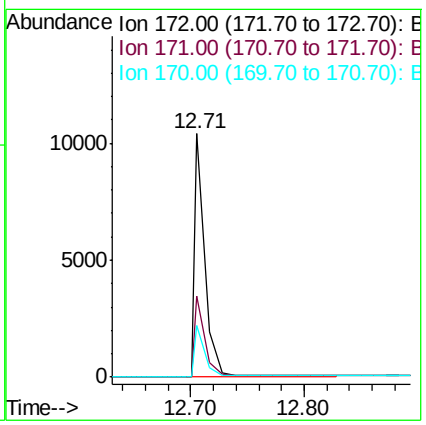


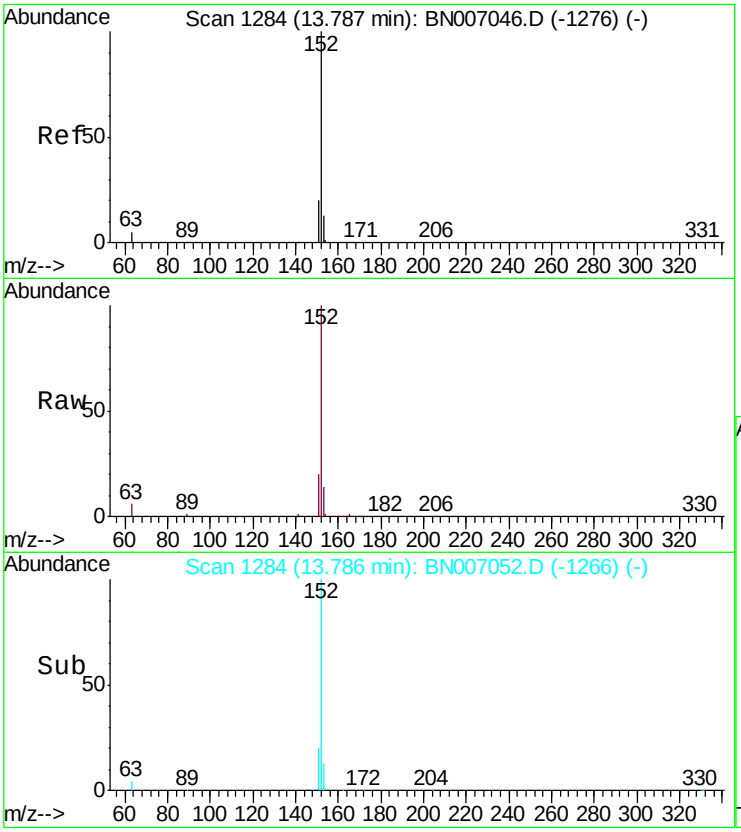


#14
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:172 Resp: 7981

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.3	39.5
170	21.2	17.0	25.4



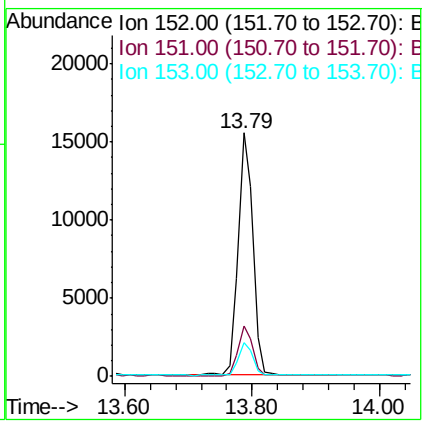


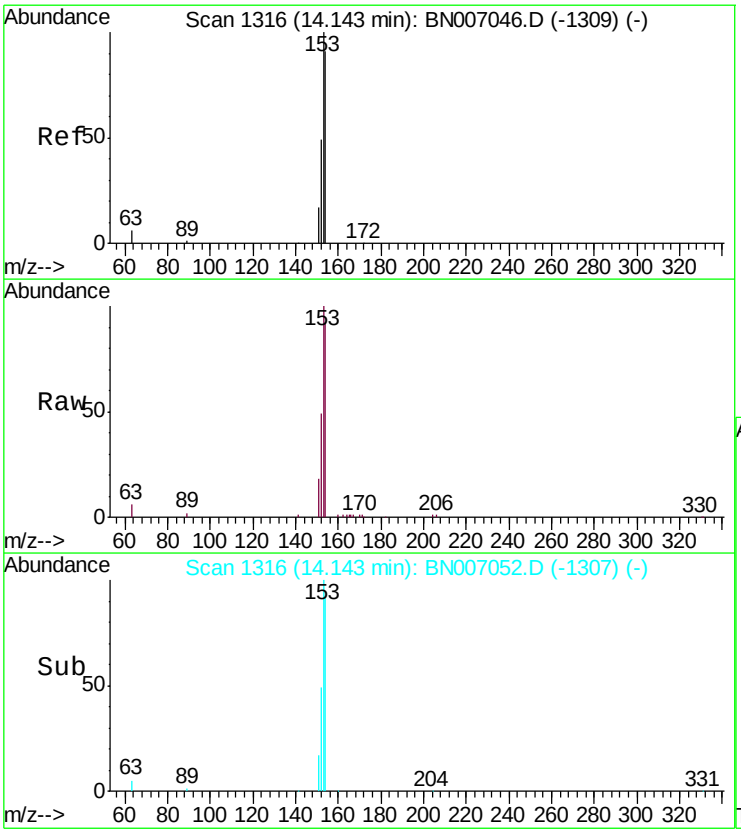
#15
Acenaphthylene
Concen: 0.368 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:152 Resp: 25197

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.2	10.4	15.6

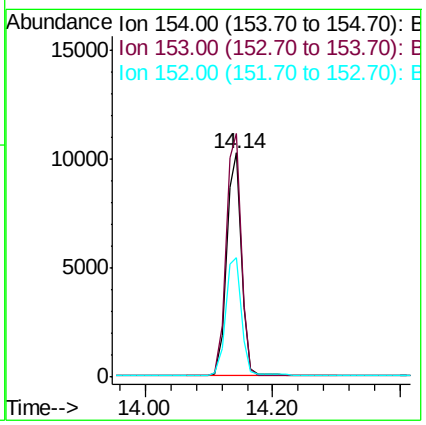


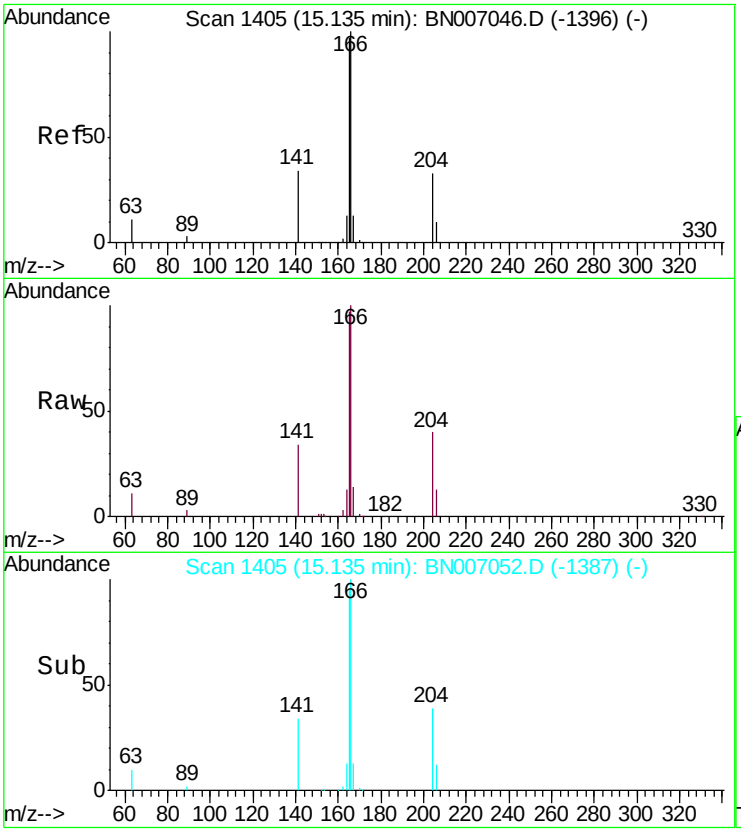


#16
Acenaphthene
Concen: 0.375 ng
RT: 14.14 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:154 Resp: 16437

Ion	Ratio	Lower	Upper
154	100		
153	110.6	89.5	134.3
152	55.7	44.8	67.2



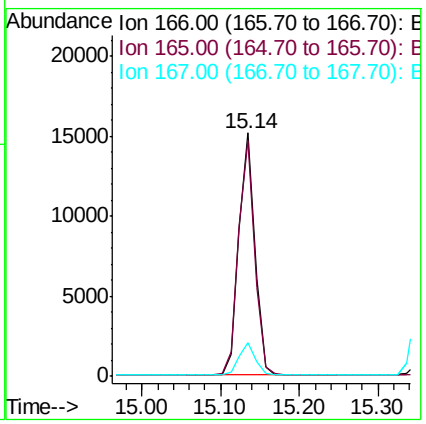


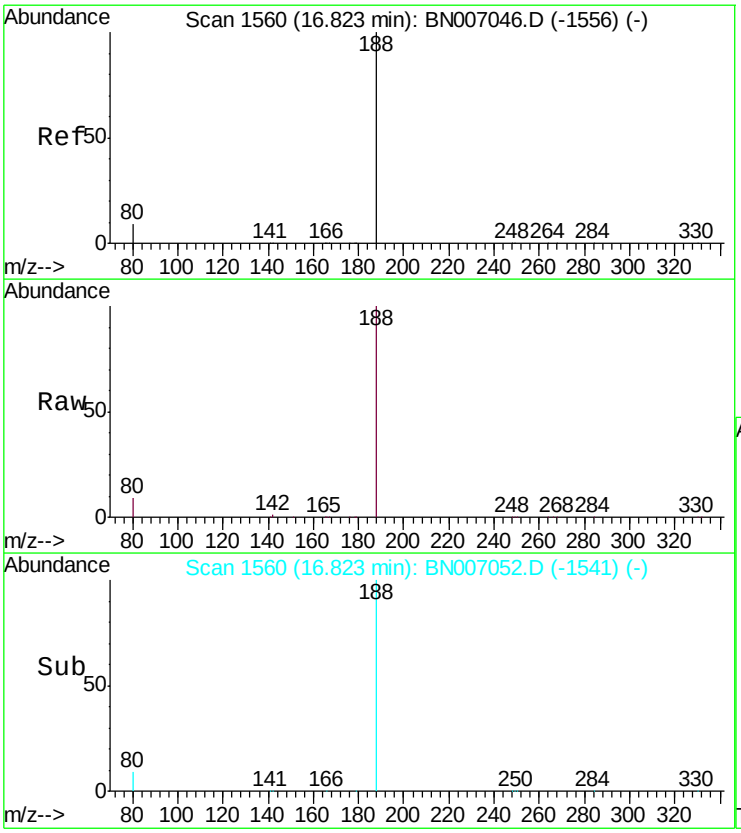
#17
Fluorene
Concen: 0.330 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:166 Resp: 21636

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	13.5	10.9	16.3

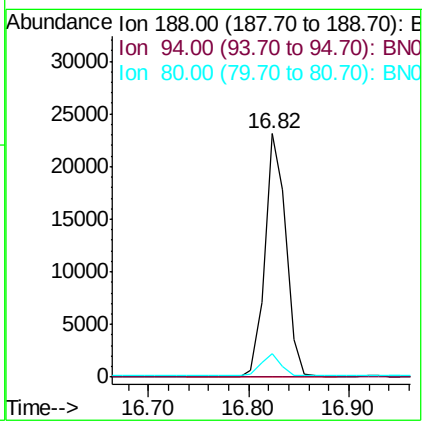


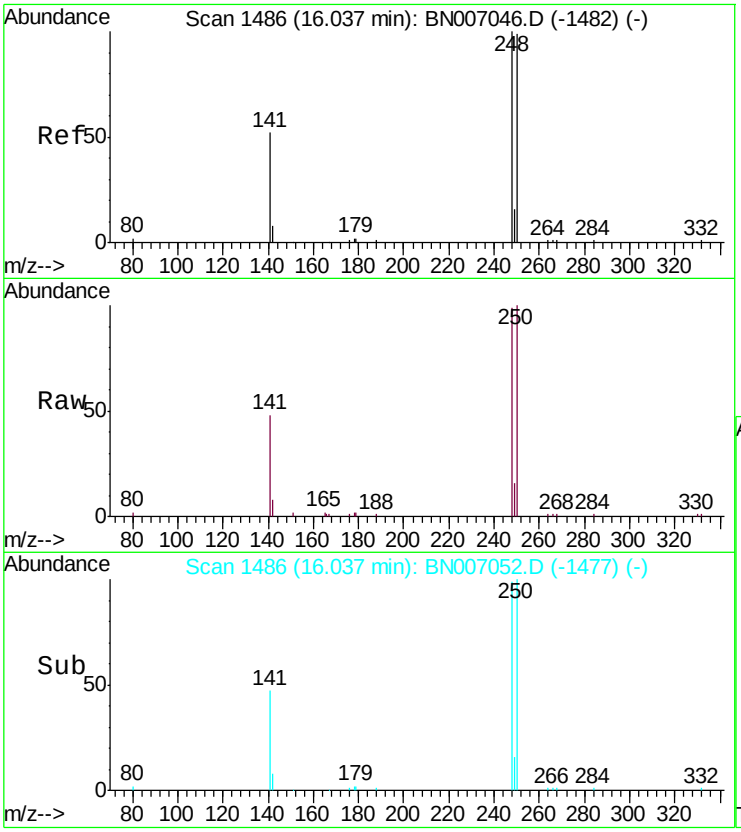


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:188 Resp: 33437

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.8	11.6



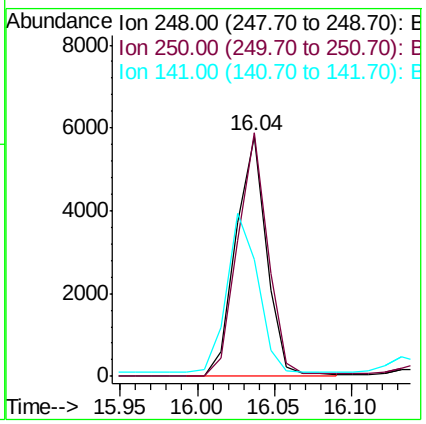


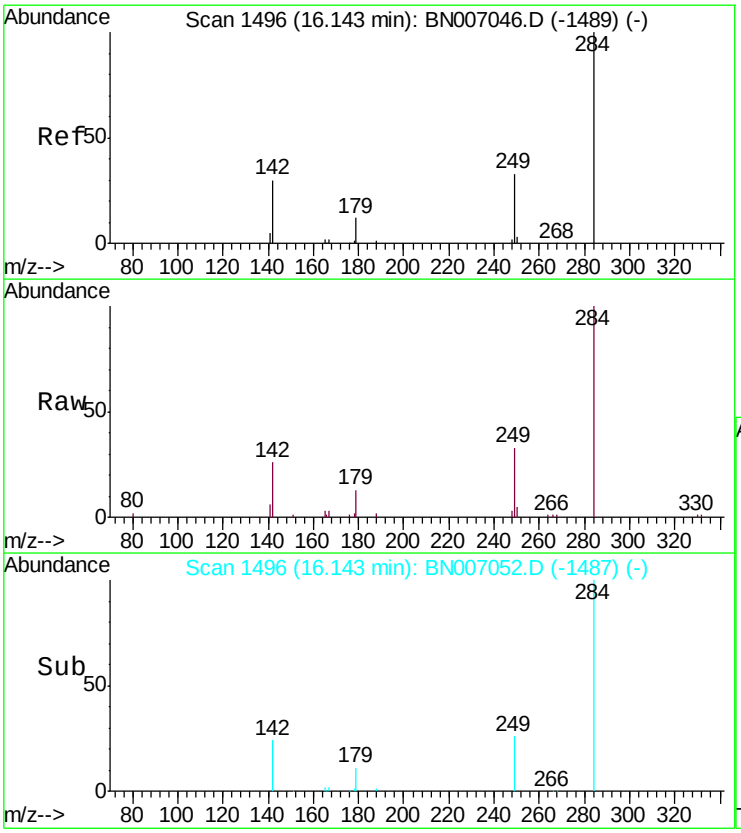
#19
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.04 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:248 Resp: 8123

Ion	Ratio	Lower	Upper
248	100		
250	101.4	78.9	118.3
141	49.0	43.3	64.9

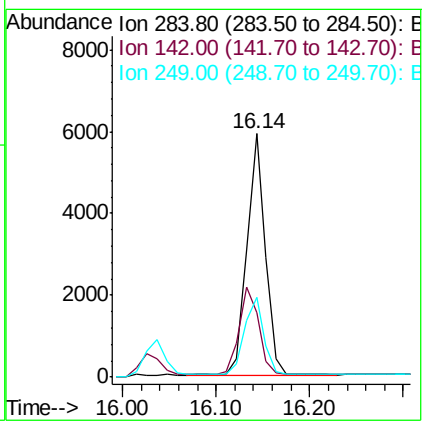


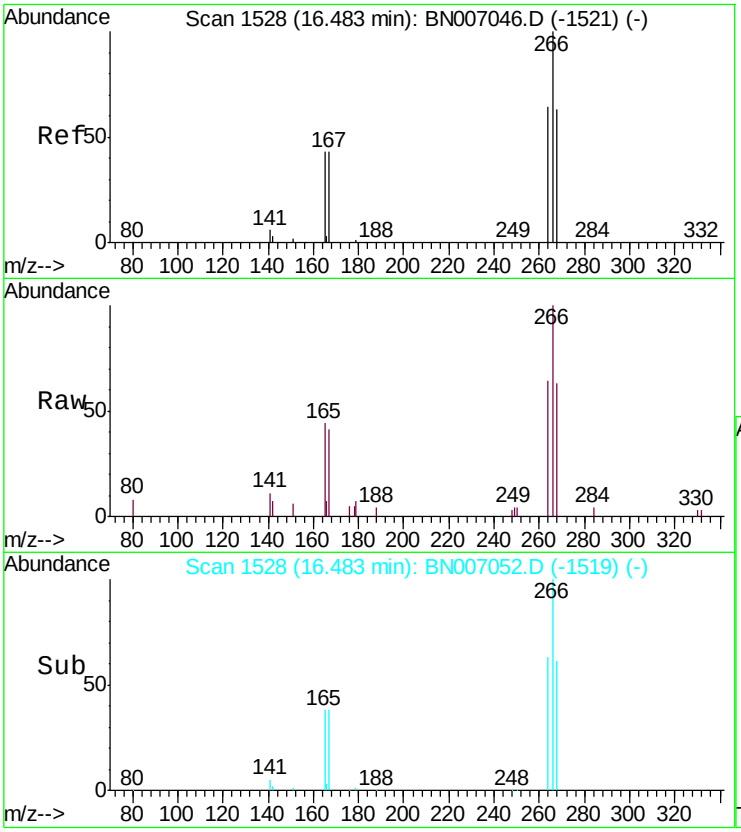


#20
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:284 Resp: 8058

Ion	Ratio	Lower	Upper
284	100		
142	38.0	30.5	45.7
249	33.4	26.7	40.1



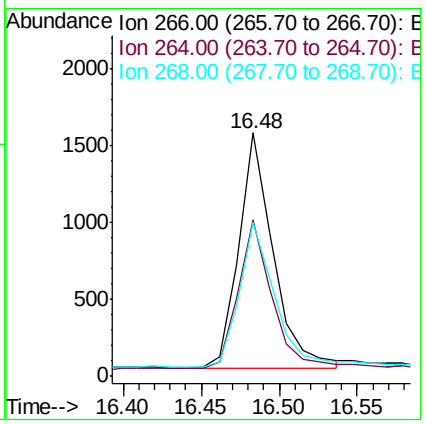


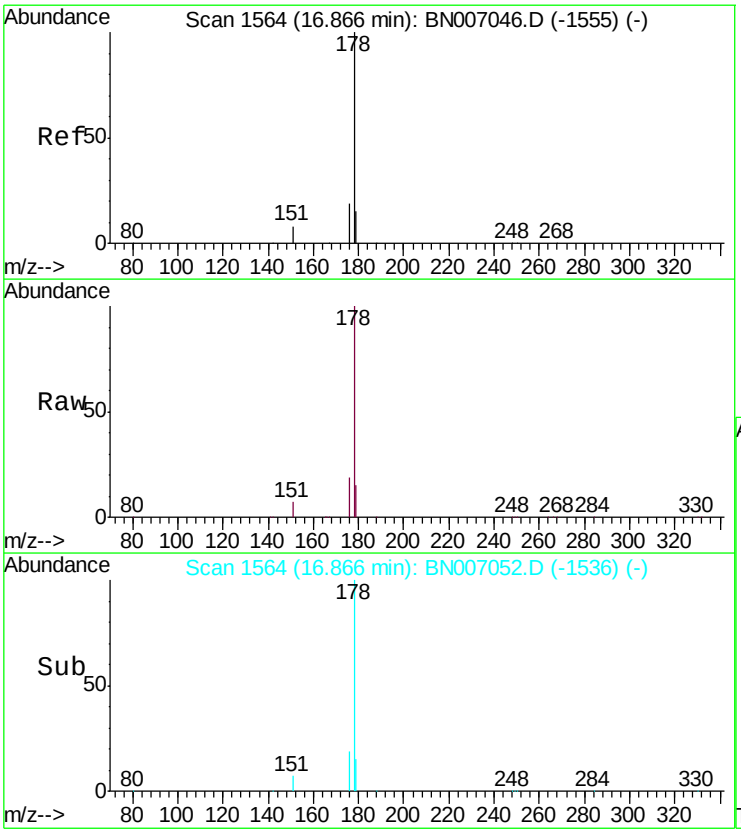
#21
Pentachlorophenol
Concen: 0.316 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:266 Resp: 2339

Ion	Ratio	Lower	Upper
266	100		
264	64.1	52.3	78.5
268	63.2	51.5	77.3

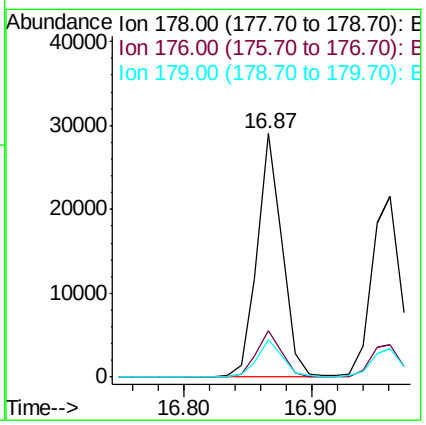


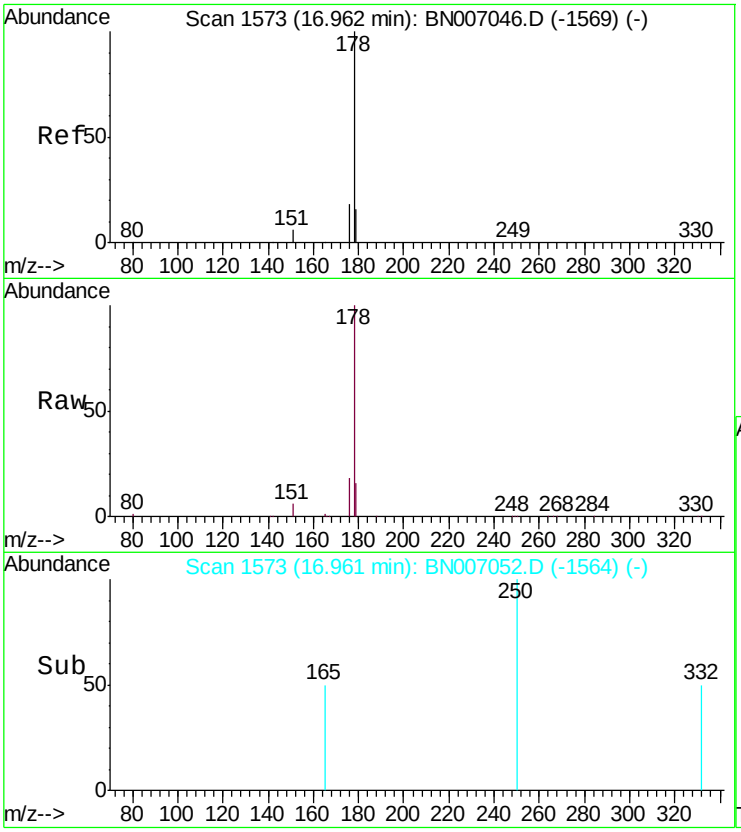


#22
Phenanthrene
Concen: 0.392 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:178 Resp: 39291

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.4	12.3	18.5



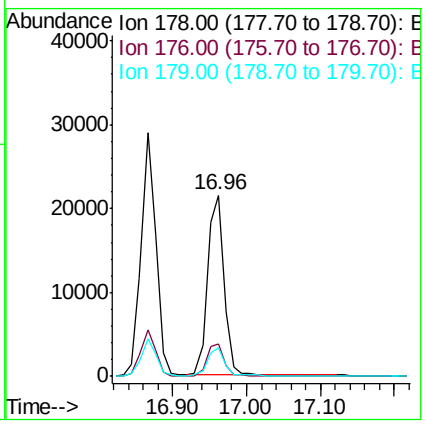


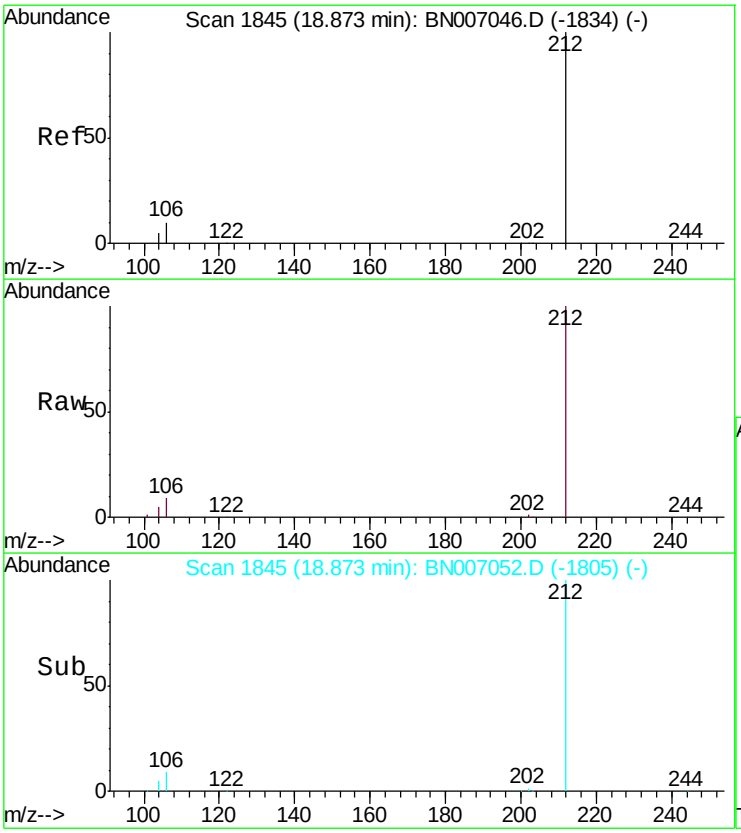
#23
Anthracene
Concen: 0.369 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:178 Resp: 33827

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.5	12.5	18.7

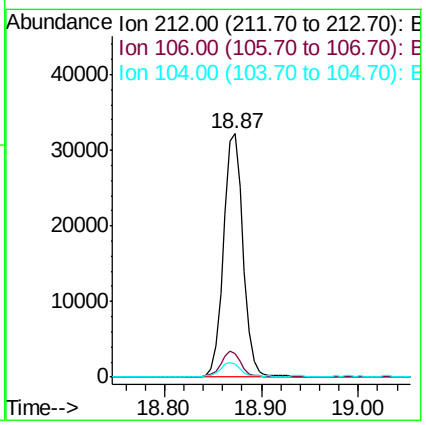


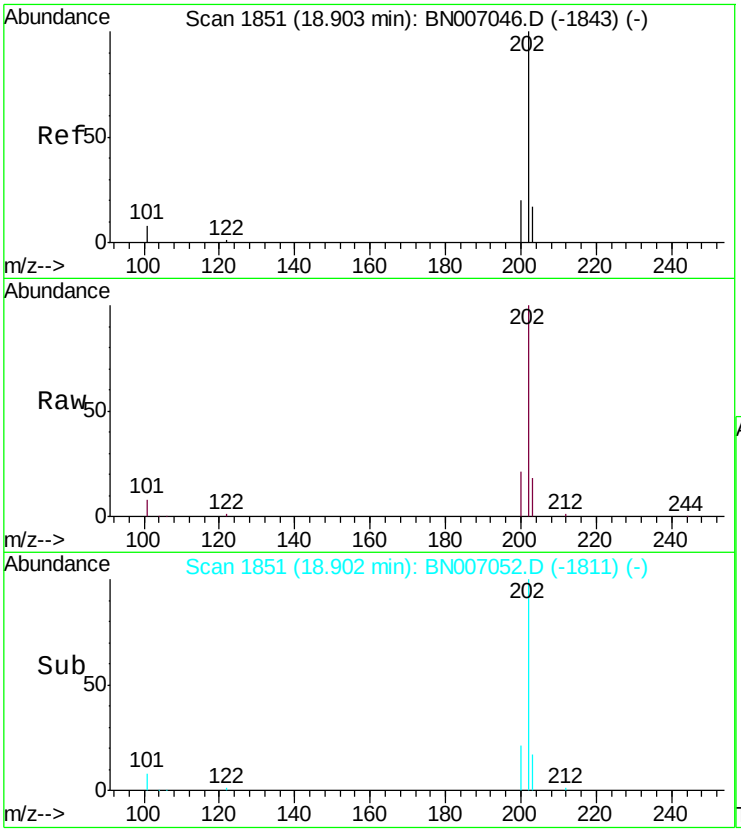


#24
Fluoranthene-d10
Concen: 0.378 ng
RT: 18.87 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:212 Resp: 44773

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.2	12.2
104	5.6	4.5	6.7



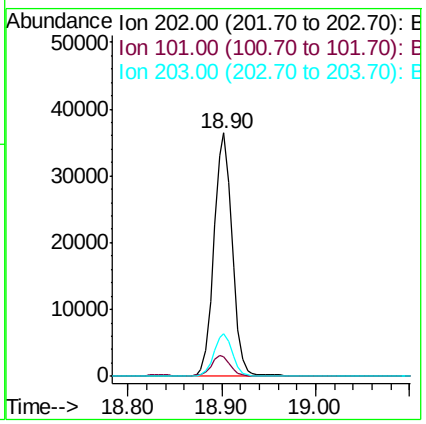


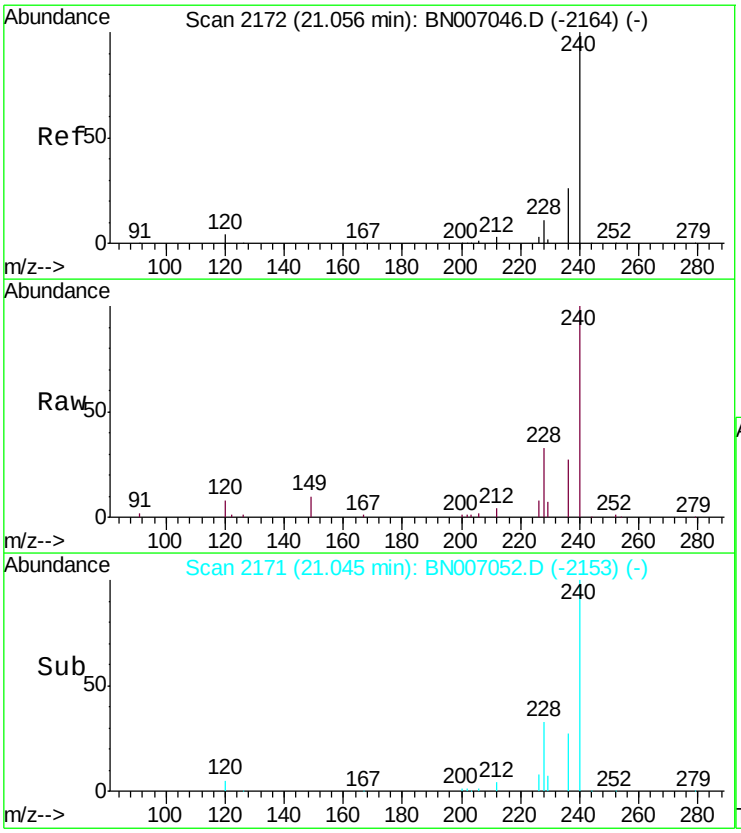
#25
Fluoranthene
Concen: 0.382 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:202 Resp: 48970

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.4
203	17.3	13.8	20.8

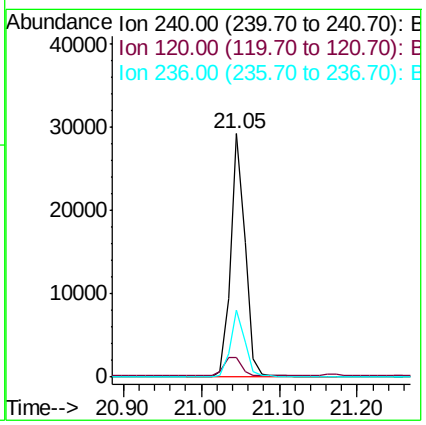


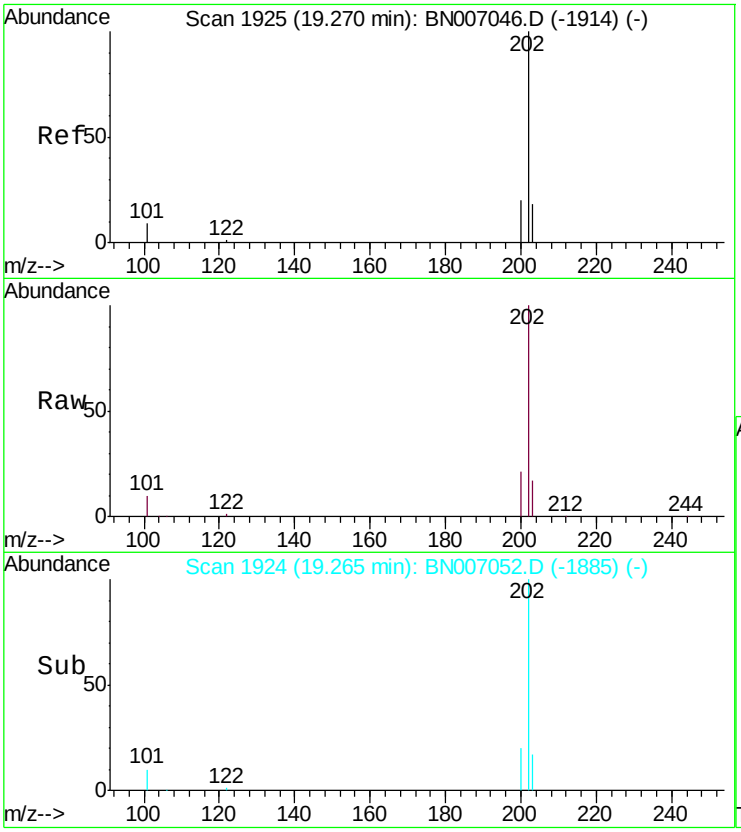


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:240 Resp: 37231

Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.0	6.0#
236	27.4	21.3	31.9



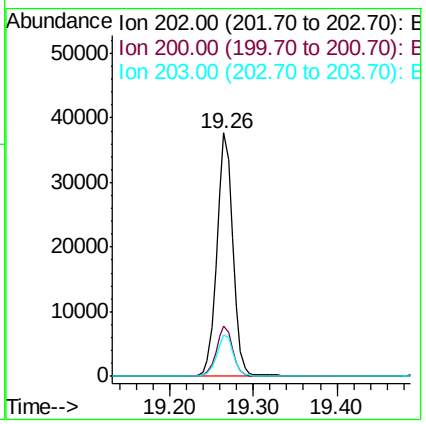


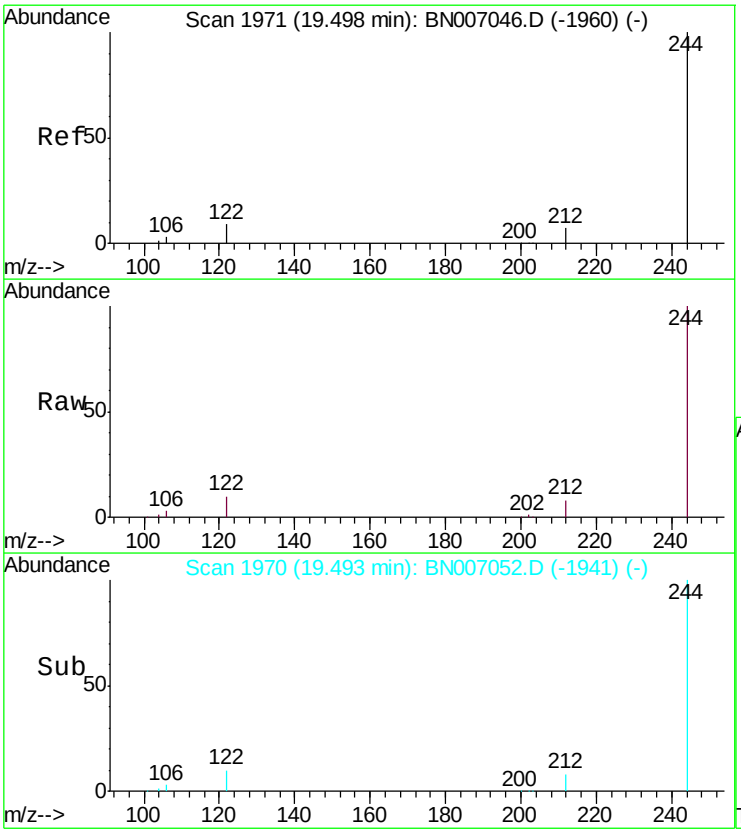
#27
Pyrene
Concen: 0.378 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:202 Resp: 49414

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.4	14.0	21.0

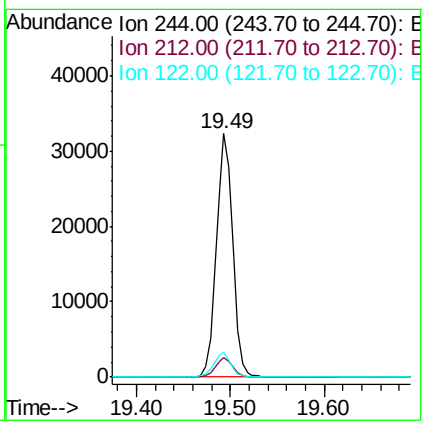


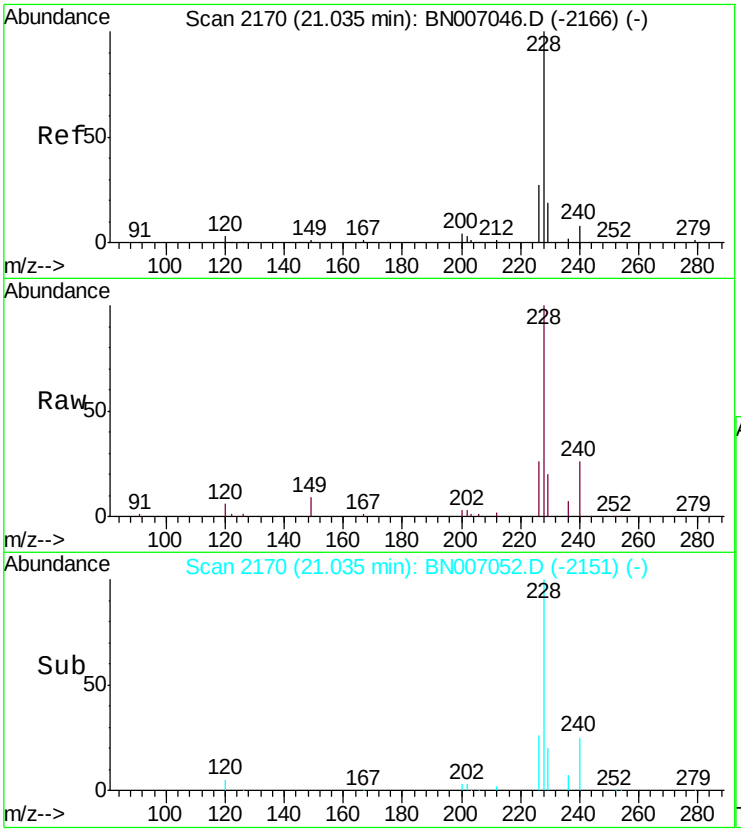


#28
Terphenyl-d14
Concen: 0.383 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:244 Resp: 38862

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	9.9	7.4	11.2



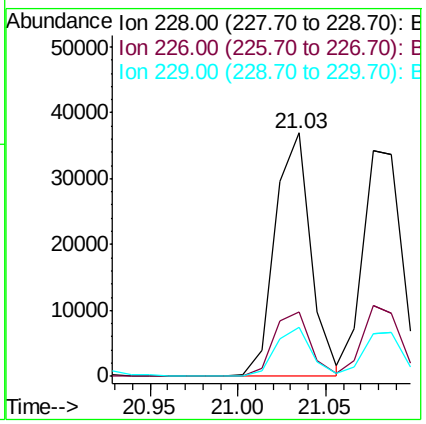


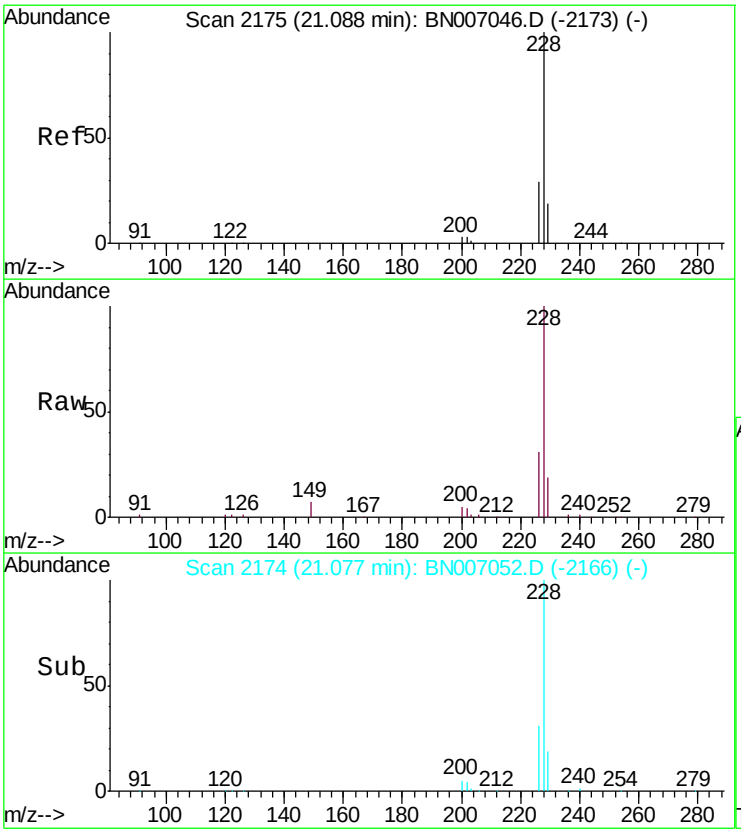
#29
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:228 Resp: 51924

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.8	32.6
229	20.0	15.6	23.4

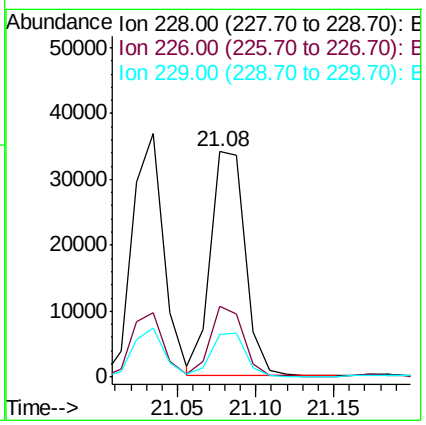


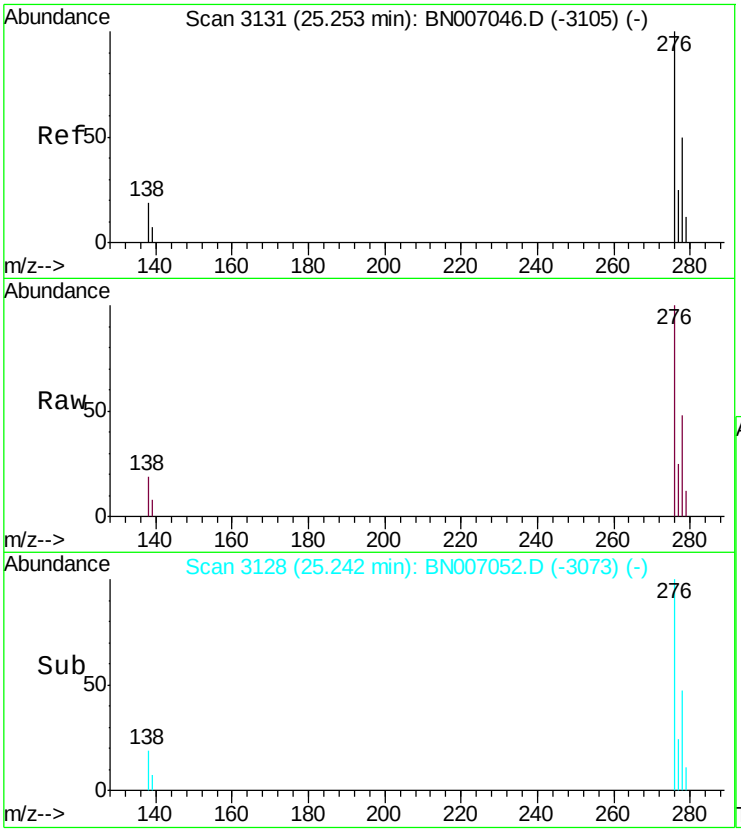


#30
Chrysene
Concen: 0.396 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:228 Resp: 52414

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.6
229	19.1	15.7	23.5



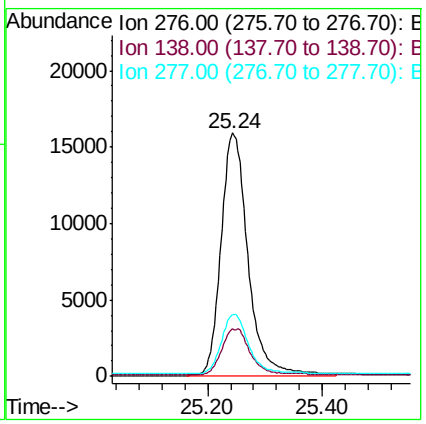


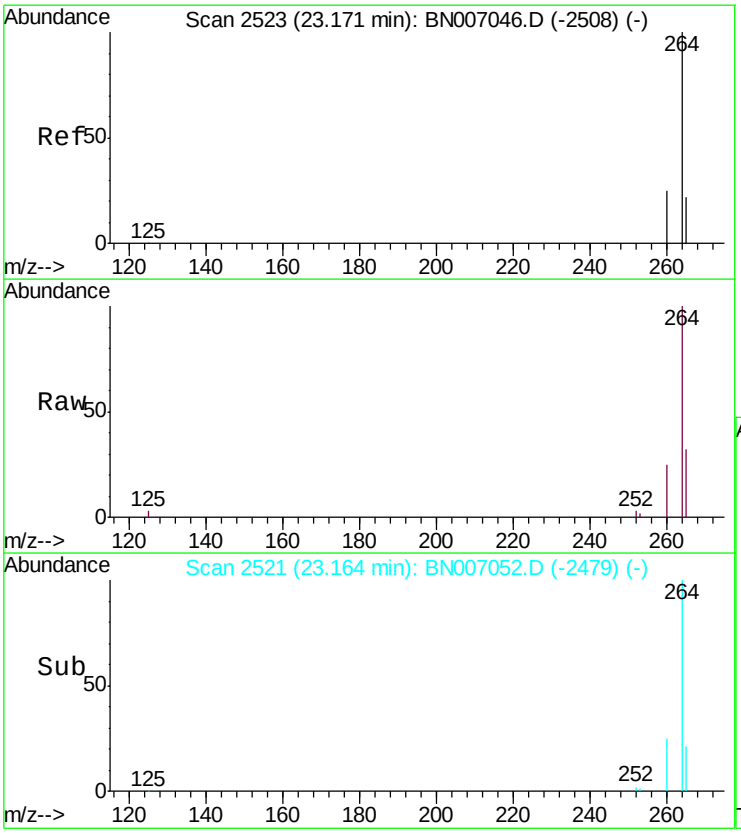
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng
RT: 25.24 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:276 Resp: 51559

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.0	24.0
277	24.6	19.9	29.9

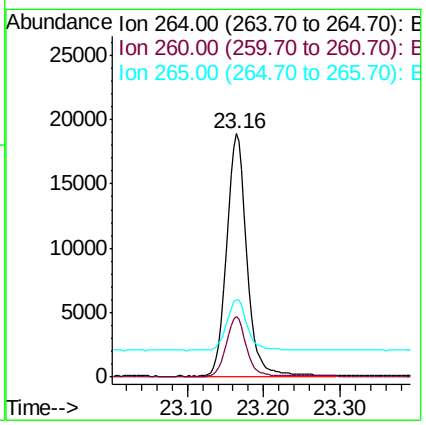


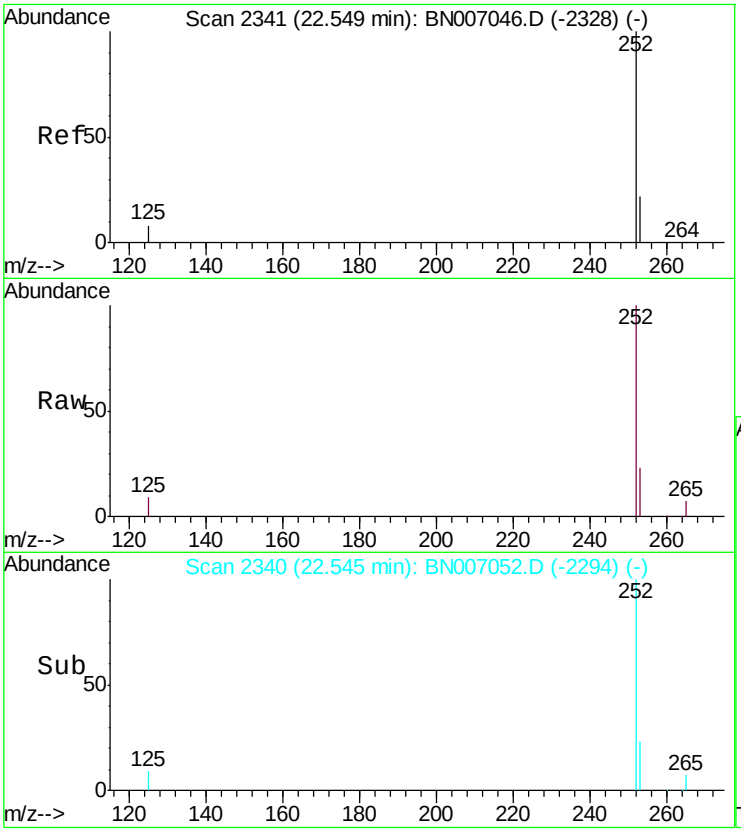


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:264 Resp: 35005

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	31.8	26.2	39.4



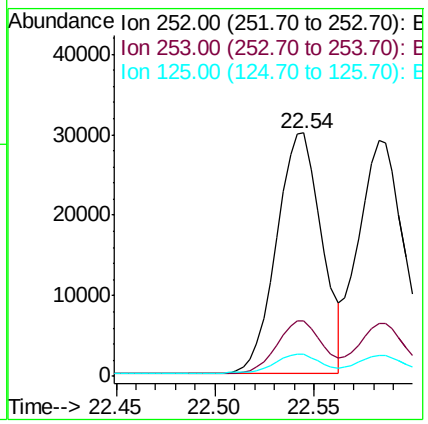


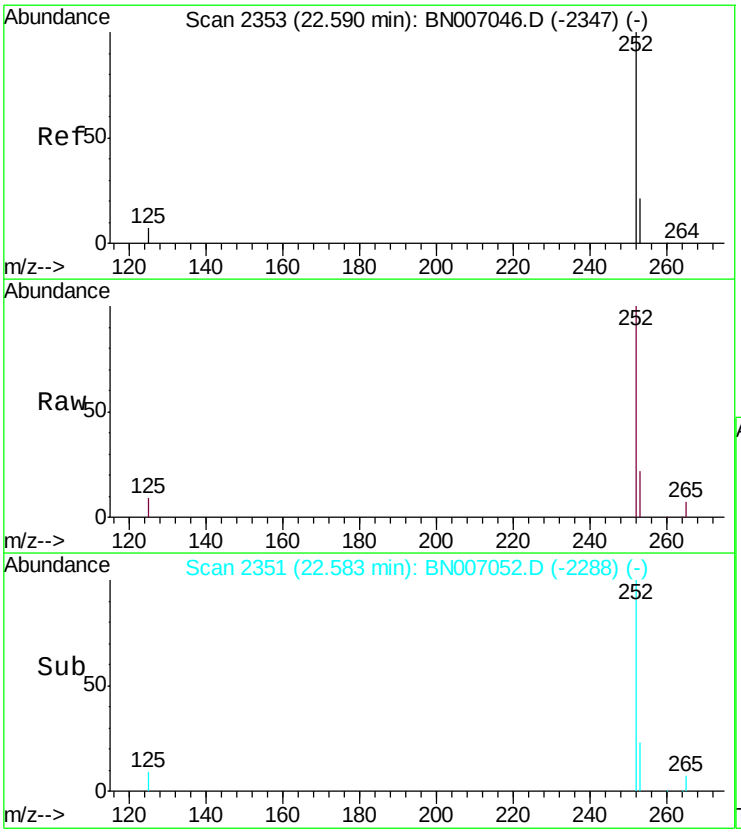
#33
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 22.54 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:252 Resp: 47639

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	9.0	7.4	11.0

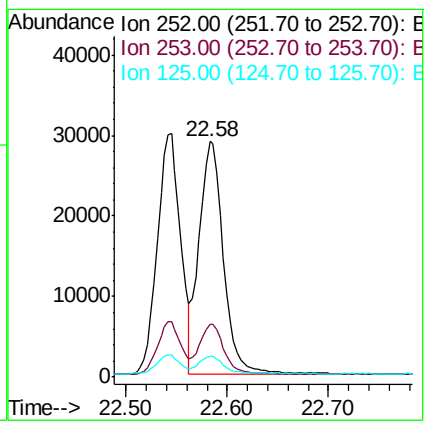


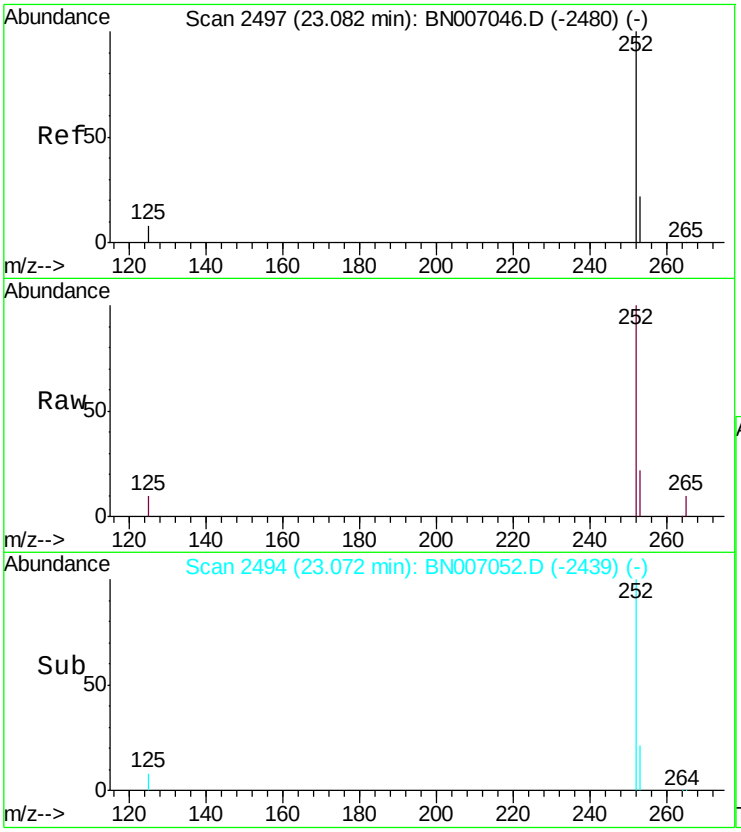


#34
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 22.58 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:252 Resp: 48421

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	8.9	7.4	11.0



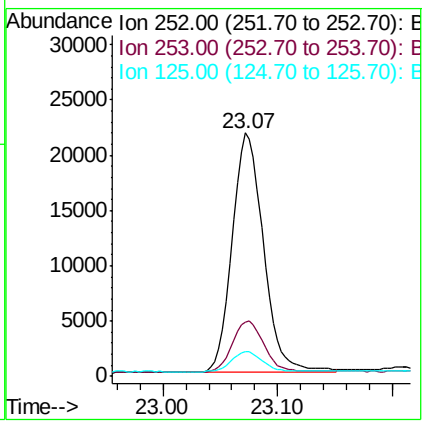


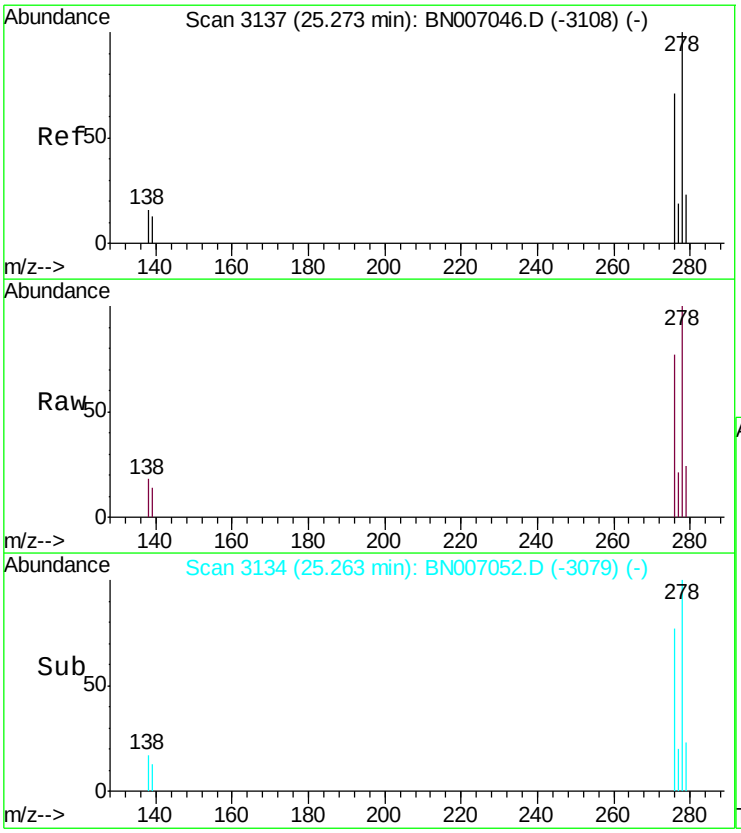
#35
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.07 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:252 Resp: 41323

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	10.1	8.2	12.4

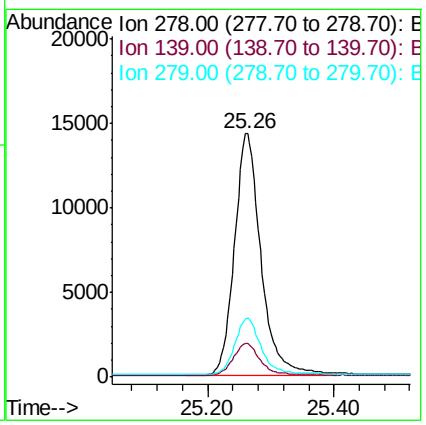


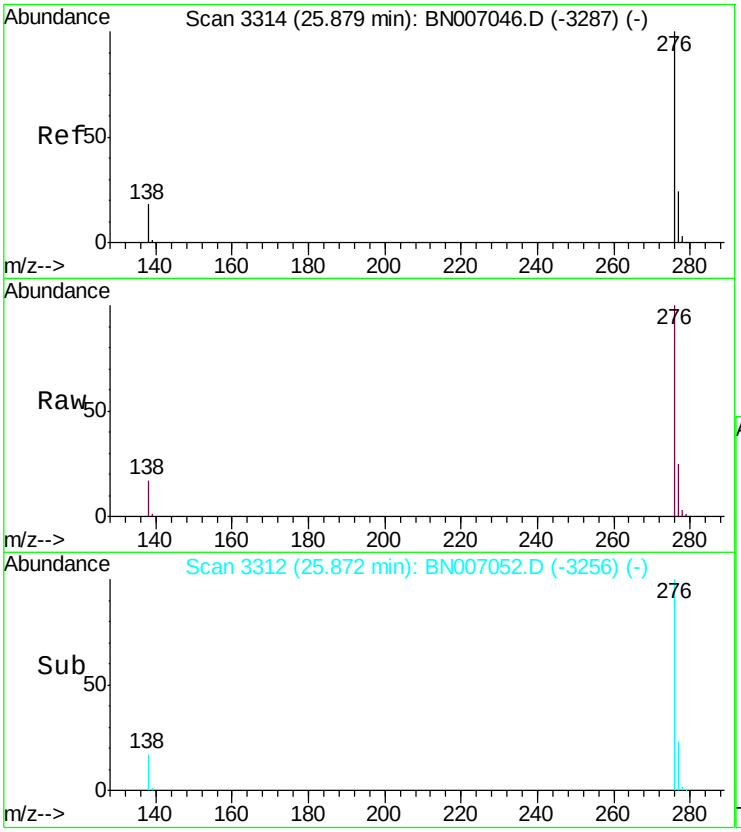


#36
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 25.26 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:278 Resp: 41776

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.3	16.9
279	24.3	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.391 ng
RT: 25.87 min Scan# 3312
Delta R.T. -0.01 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:276 Resp: 43639

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	17.4	14.6	22.0