Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007073.D
Acq On : 11 Aug 2019 06:11
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 11 06:45:03 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

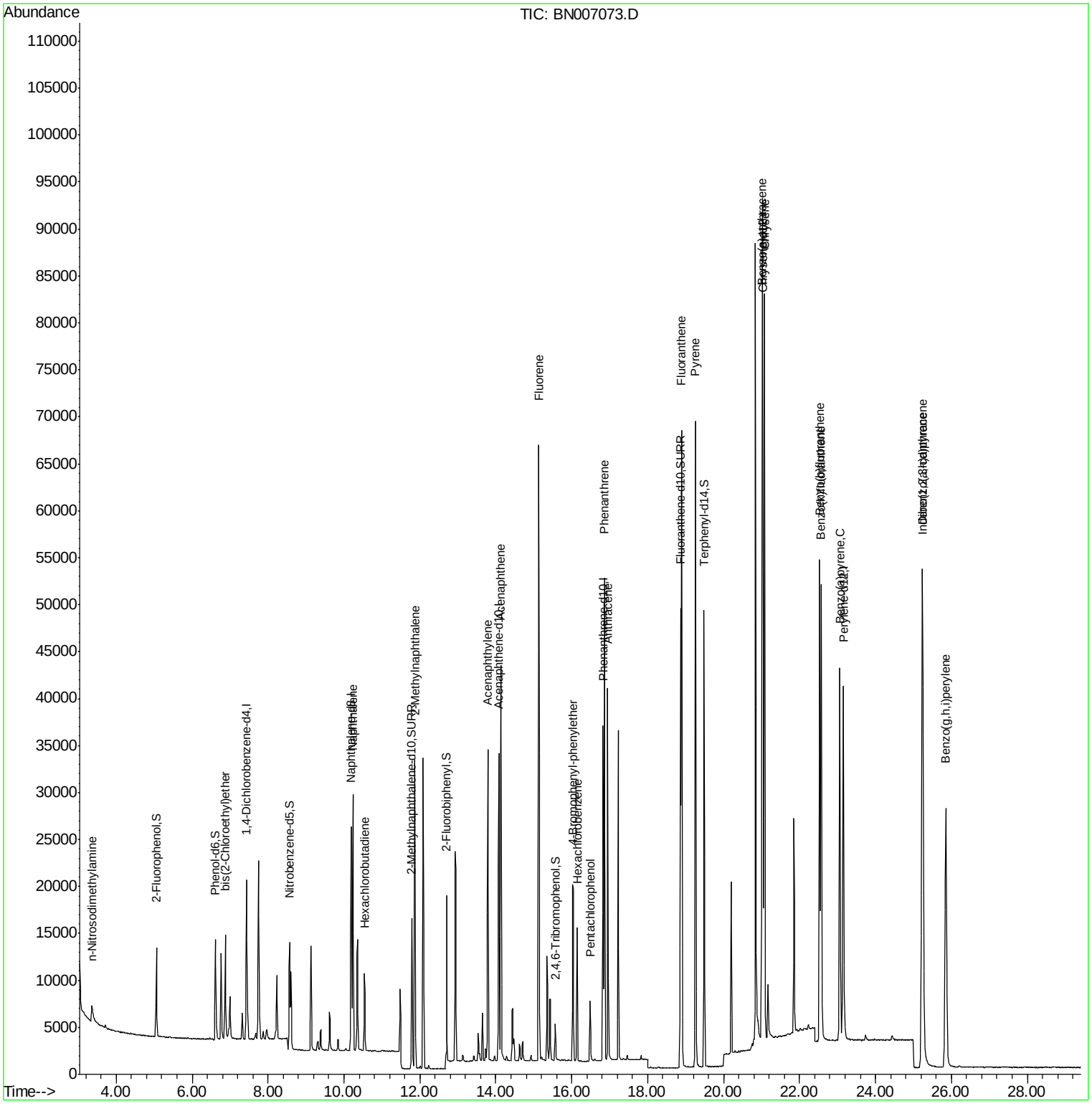
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8458	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	31781	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	18362	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	44519	0.40	ng		0.00
26) Chrysene-d12	21.03	240	46239	0.40	ng		-0.02
32) Perylene-d12	23.15	264	47330	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	7825	0.39	ng		0.00
4) Phenol-d6	6.61	99	9746	0.39	ng		0.00
7) Nitrobenzene-d5	8.56	82	9260	0.36	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	22012	0.37	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	2812	0.28	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	8109	0.30	ng		0.00
24) Fluoranthene-d10	18.87	212	55914	0.35	ng		0.00
28) Terphenyl-d14	19.49	244	48575	0.39	ng		-0.01
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.36	42	2038	0.366	ng	#	89
5) bis(2-Chloroethyl)ether	6.87	93	8790	0.395	ng		100
8) Naphthalene	10.24	128	33341	0.374	ng		98
9) Hexachlorobutadiene	10.54	225	7149	0.376	ng	#	99
11) 2-Methylnaphthalene	11.87	142	23585	0.374	ng		98
15) Acenaphthylene	13.79	152	35890	0.374	ng		100
16) Acenaphthene	14.13	154	23170	0.377	ng		100
17) Fluorene	15.14	166	29922	0.325	ng		100
19) 4-Bromophenyl-phenylether	16.04	248	10896	0.396	ng	#	92
20) Hexachlorobenzene	16.14	284	10915	0.412	ng		100
21) Pentachlorophenol	16.48	266	3262	0.331	ng		97
22) Phenanthrene	16.87	178	51950	0.389	ng		100
23) Anthracene	16.95	178	45136	0.370	ng		99
25) Fluoranthene	18.90	202	61857	0.362	ng		100
27) Pyrene	19.26	202	62170	0.383	ng		100
29) Benzo(a)anthracene	21.02	228	63262	0.374	ng		99
30) Chrysene	21.08	228	64844	0.395	ng		99
31) Indeno(1,2,3-cd)pyrene	25.23	276	69785	0.385	ng		100
33) Benzo(b)fluoranthene	22.53	252	61959	0.382	ng		100
34) Benzo(k)fluoranthene	22.57	252	61802	0.386	ng		99
35) Benzo(a)pyrene	23.06	252	55293	0.376	ng		99
36) Dibenzo(a,h)anthracene	25.25	278	57375	0.391	ng		100
37) Benzo(g,h,i)perylene	25.85	276	57900	0.383	ng		100

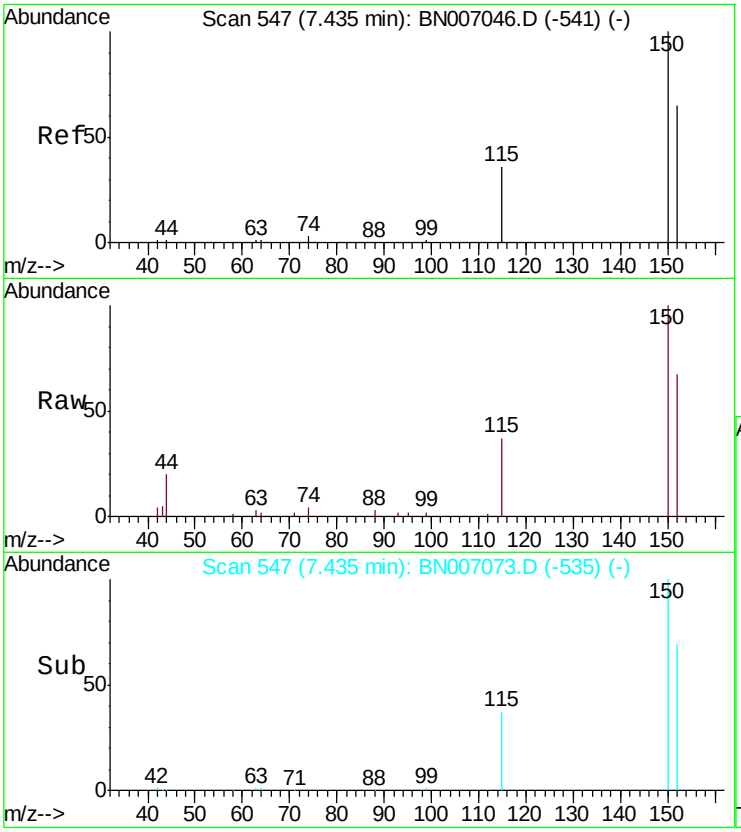
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007073.D
Acq On : 11 Aug 2019 06:11
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 11 06:45:03 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



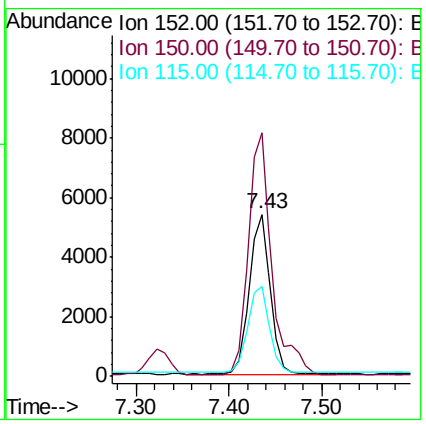


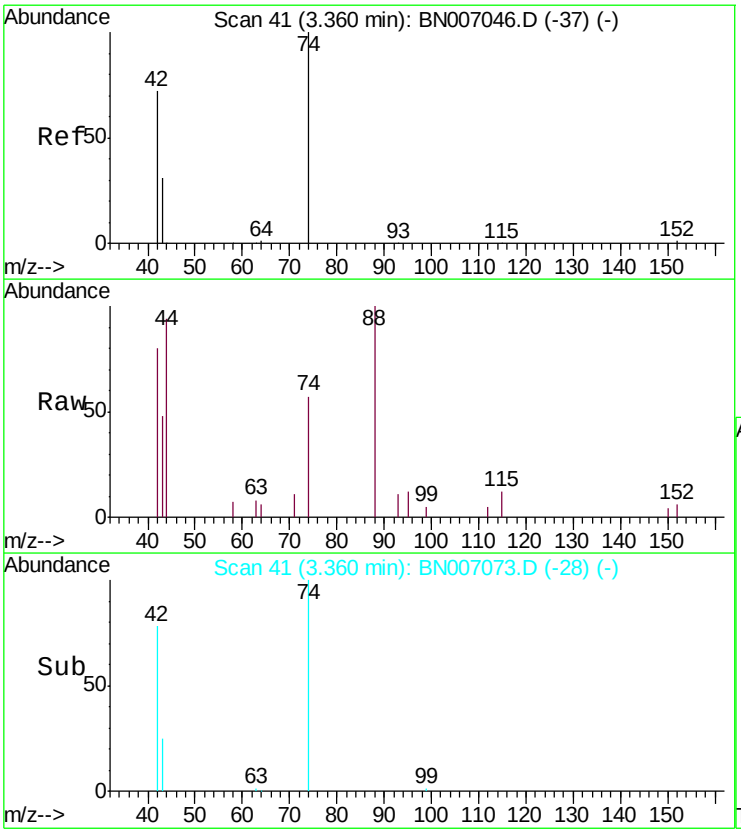
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8458

Ion	Ratio	Lower	Upper
152	100		
150	150.2	121.7	182.5
115	55.7	46.2	69.4

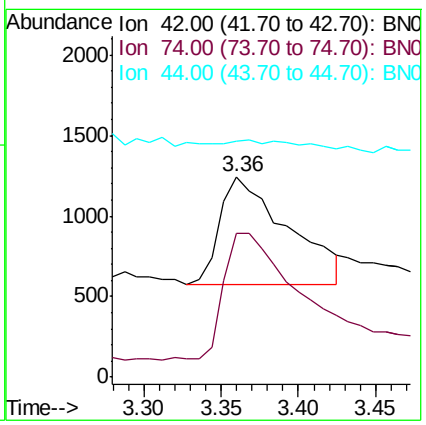


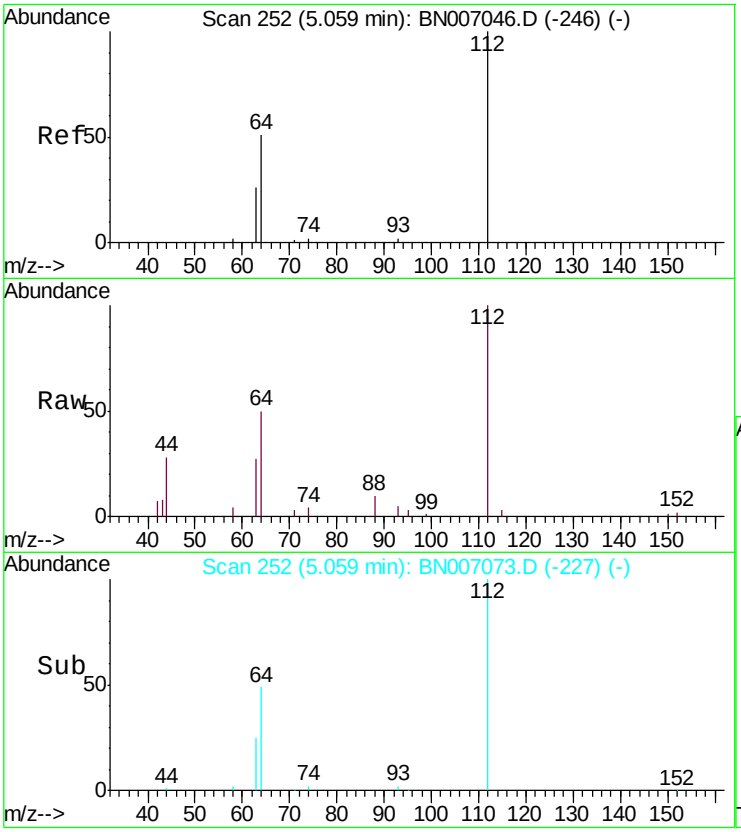


#2
n-Nitrosodimethylamine
Concen: 0.366 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion: 42 Resp: 2038

Ion	Ratio	Lower	Upper
42	100		
74	124.7	110.6	166.0
44	7.7	0.0	0.0#



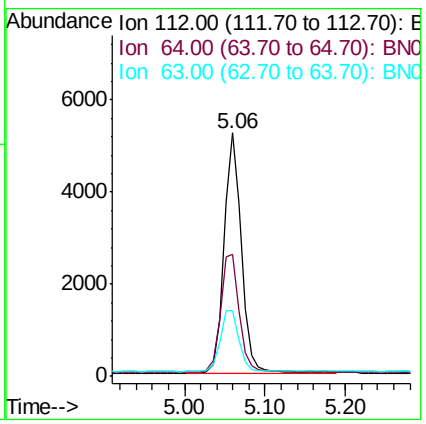


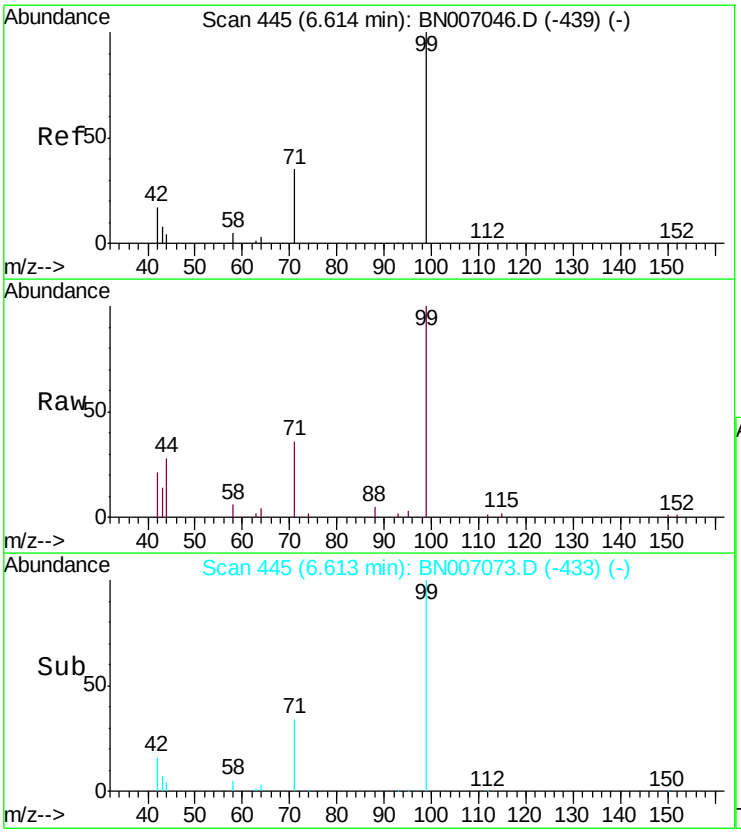
#3
2-Fluorophenol
Concen: 0.385 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:112 Resp: 7825

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.6	63.8
63	28.2	22.2	33.2

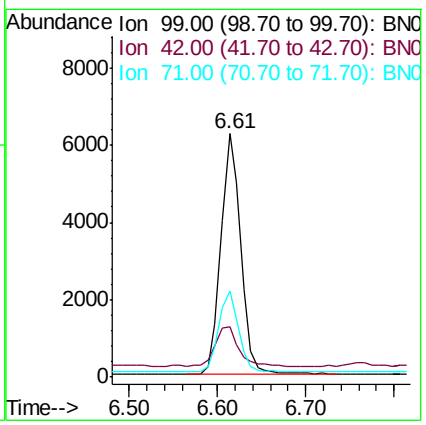


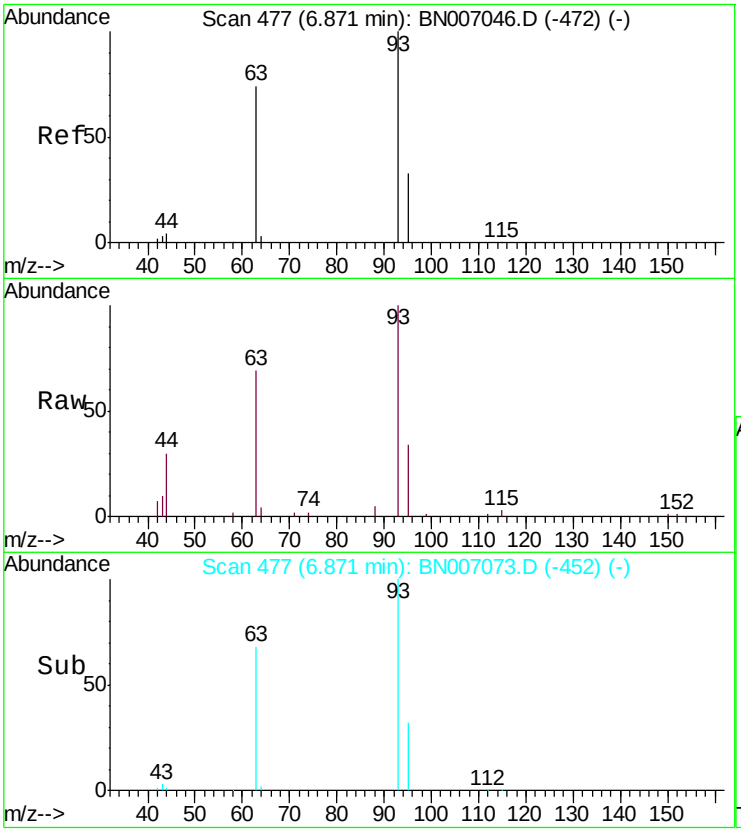


#4
Phenol-d6
Concen: 0.387 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion: 99 Resp: 9746

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	34.1	27.0	40.4



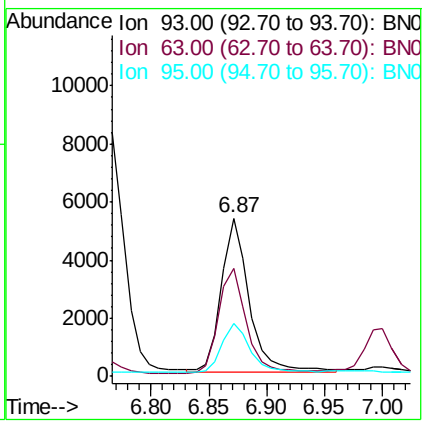


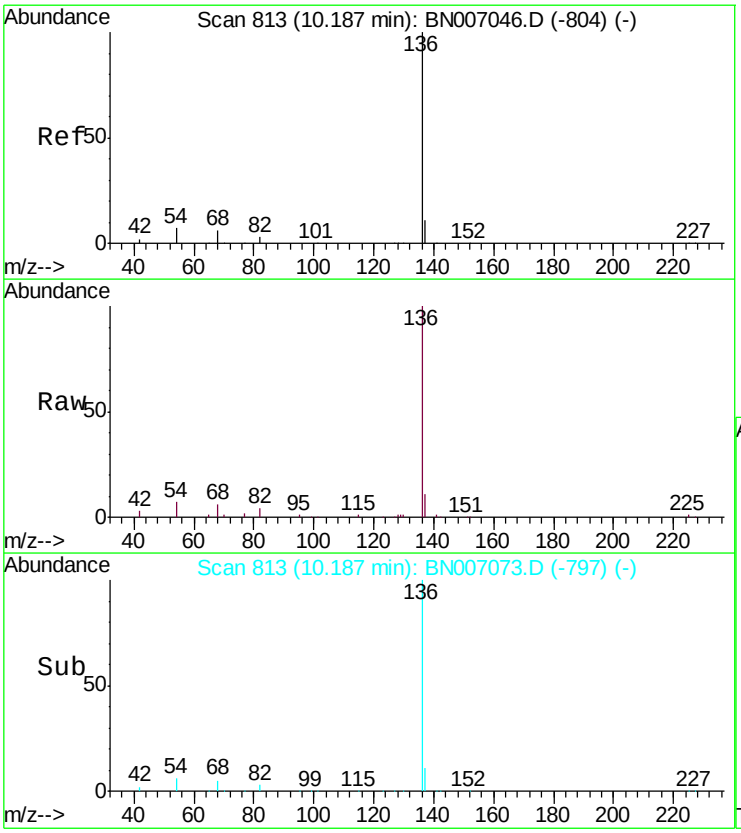
#5
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 93 Resp: 8790

Ion	Ratio	Lower	Upper
93	100		
63	69.1	55.6	83.4
95	33.2	26.7	40.1

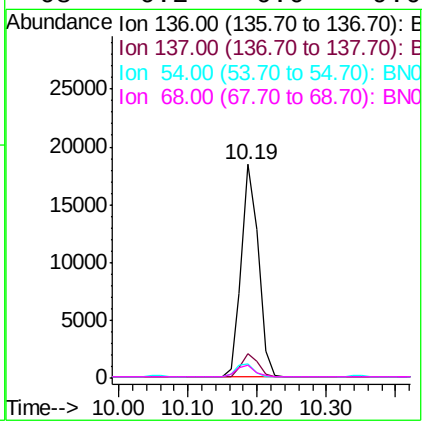


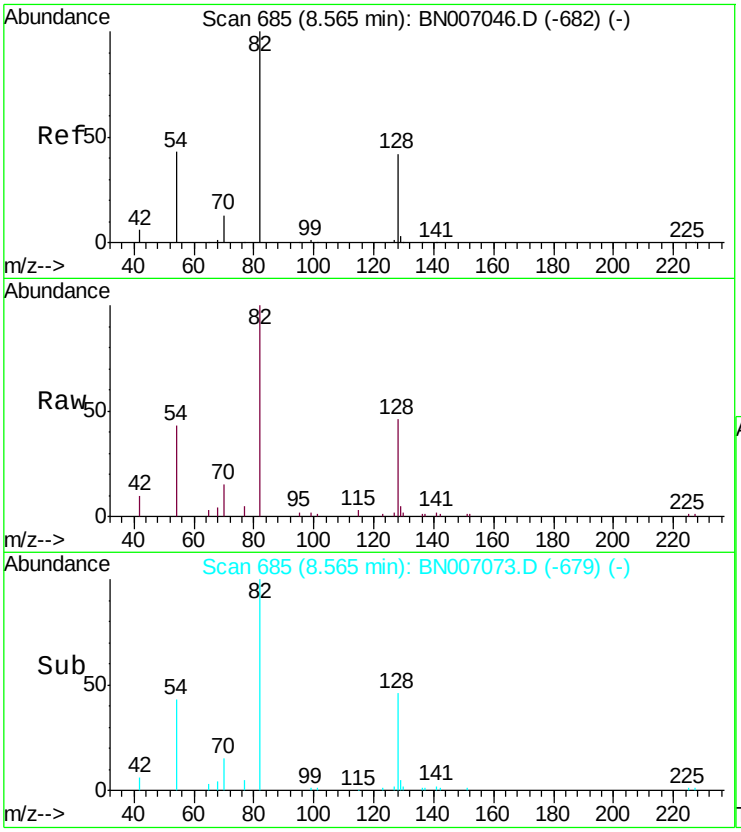


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:136 Resp: 31781

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	6.9	6.6	9.8
68	6.2	6.0	9.0



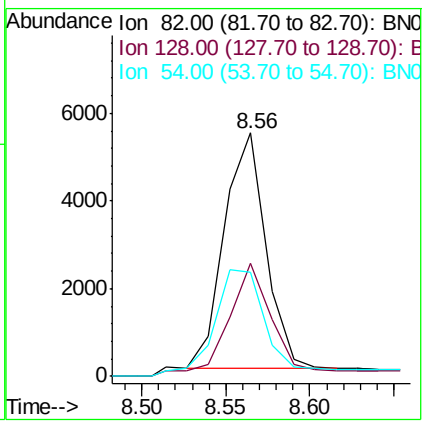


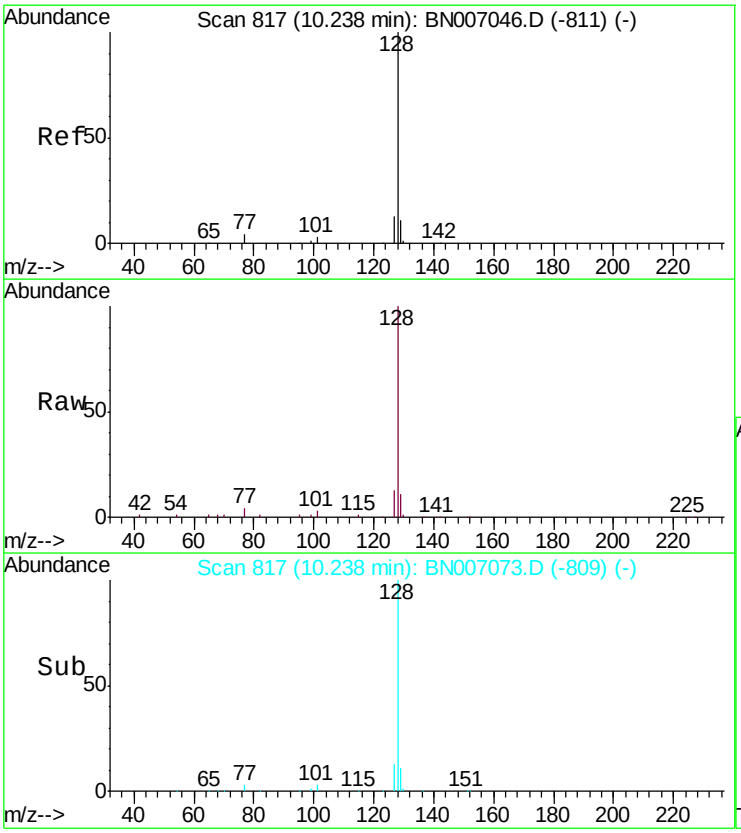
#7
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 82 Resp: 9260

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	51.8
54	42.6	36.2	54.4

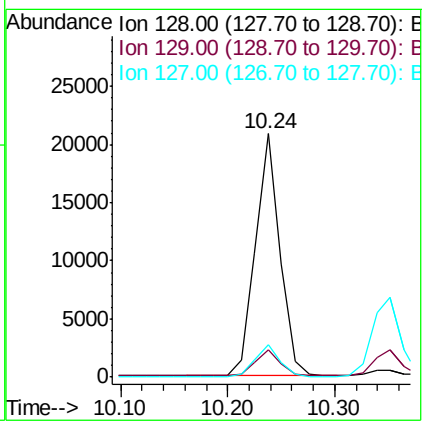


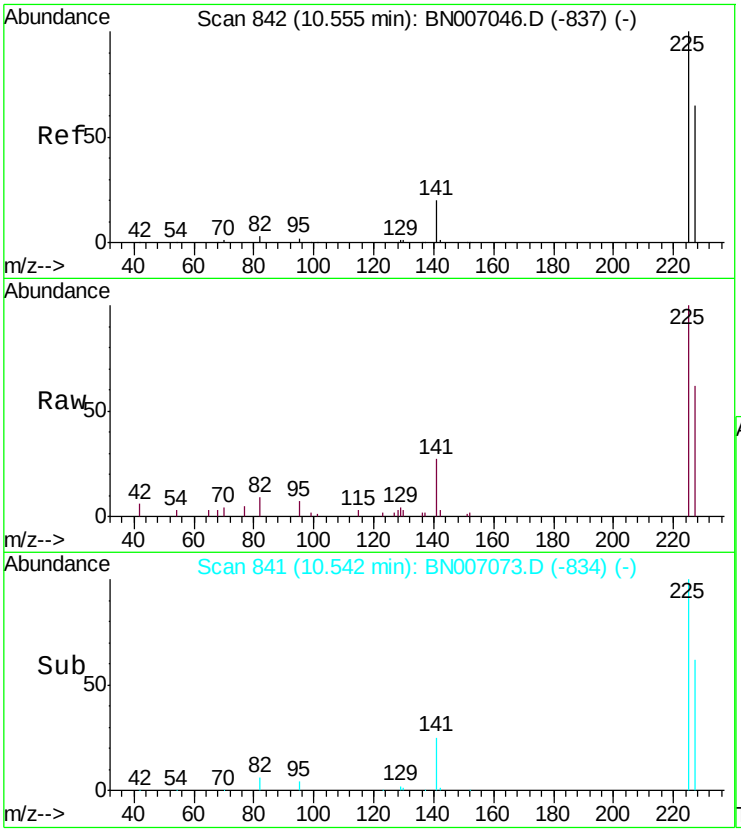


#8
Naphthalene
Concen: 0.374 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:128 Resp: 33341

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



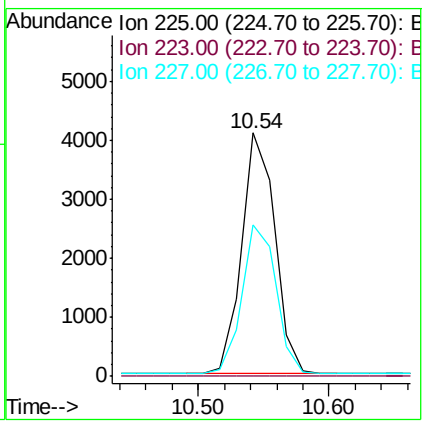


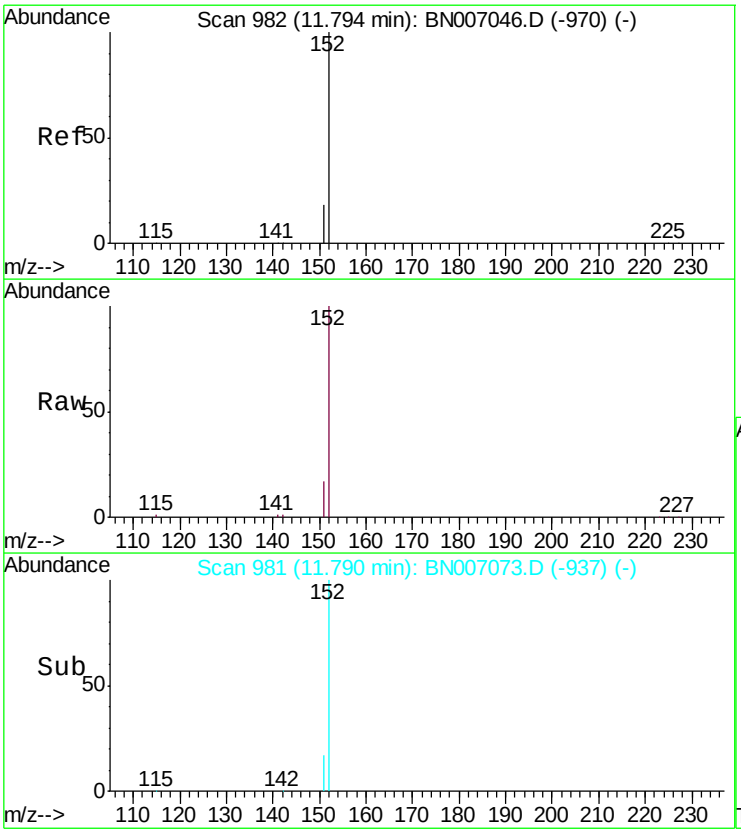
#9
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.01 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:225 Resp: 7149

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.1	76.7

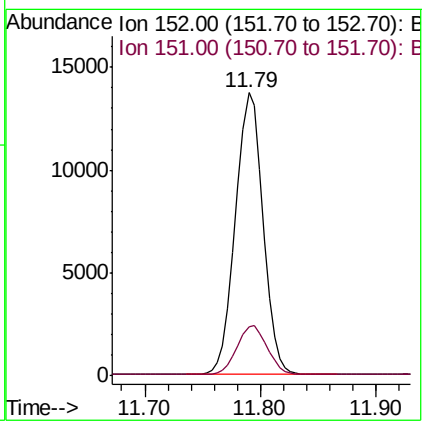


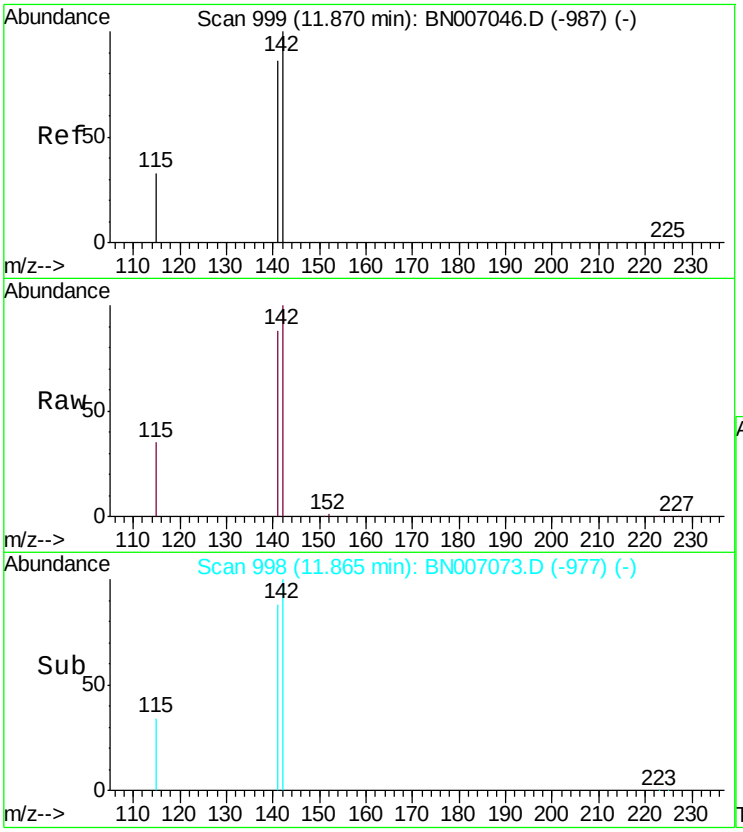


#10
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:152 Resp: 22012

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3



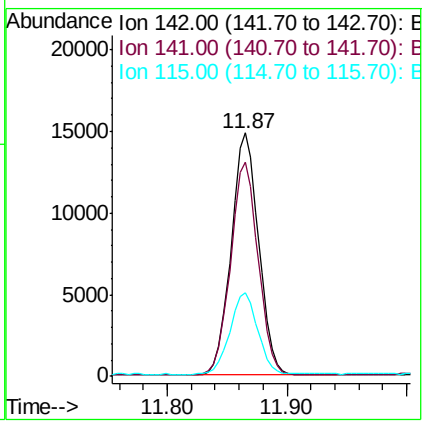


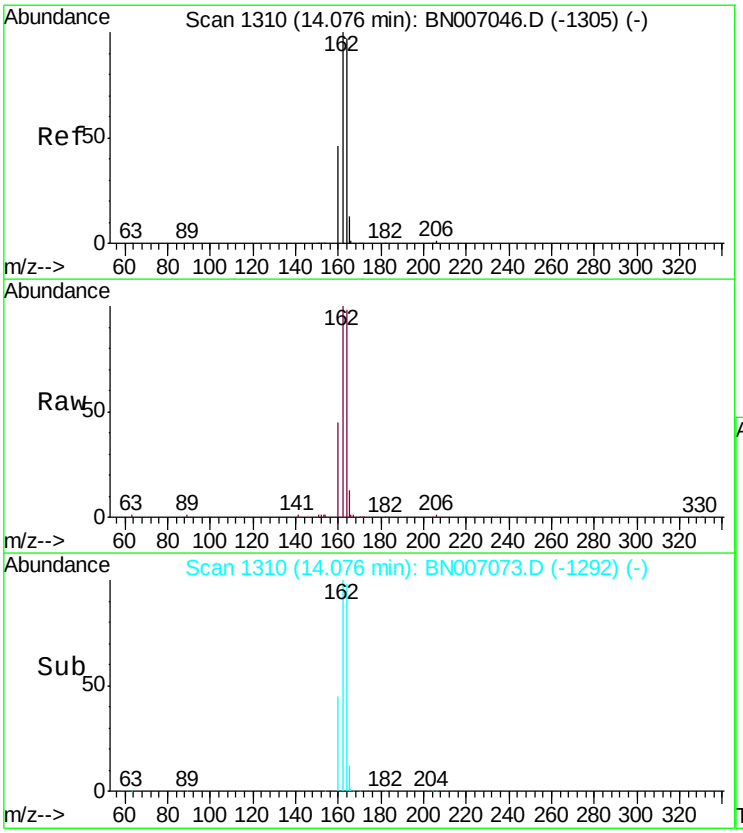
#11
2-Methylnaphthalene
Concen: 0.374 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 23585

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.0	103.6
115	34.5	27.1	40.7

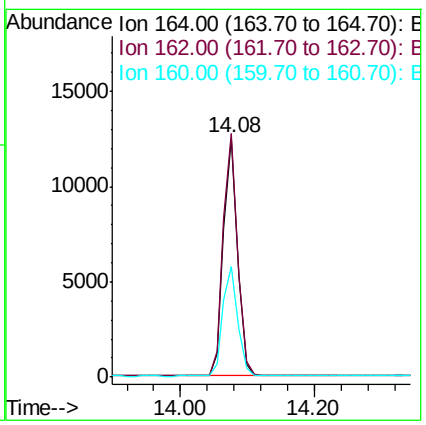


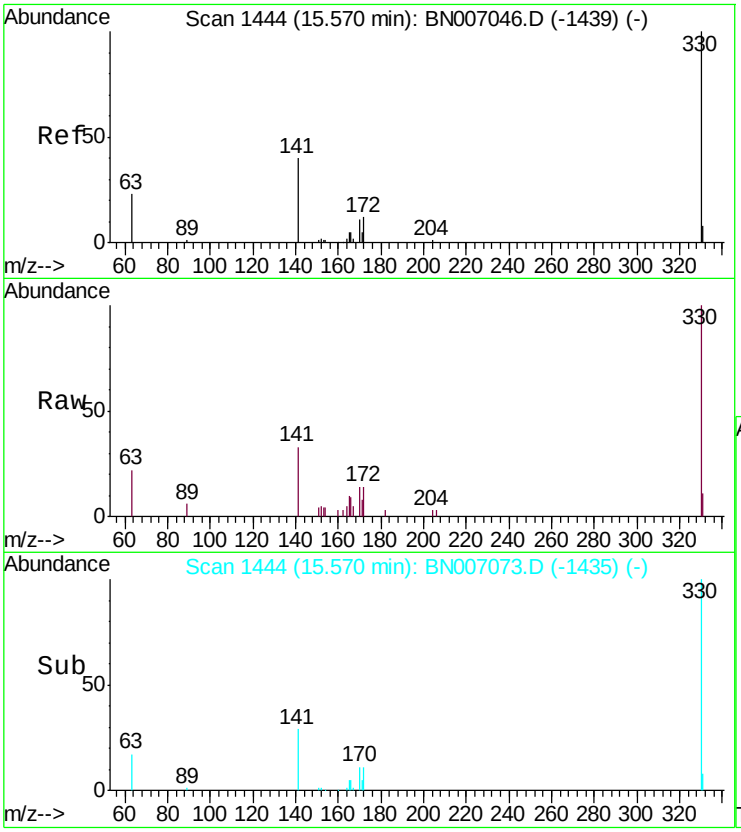


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:164 Resp: 18362

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.4
160	46.3	38.3	57.5



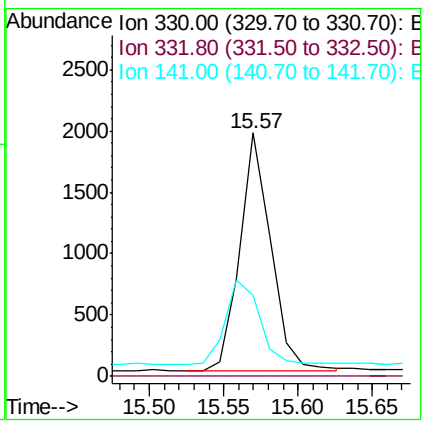


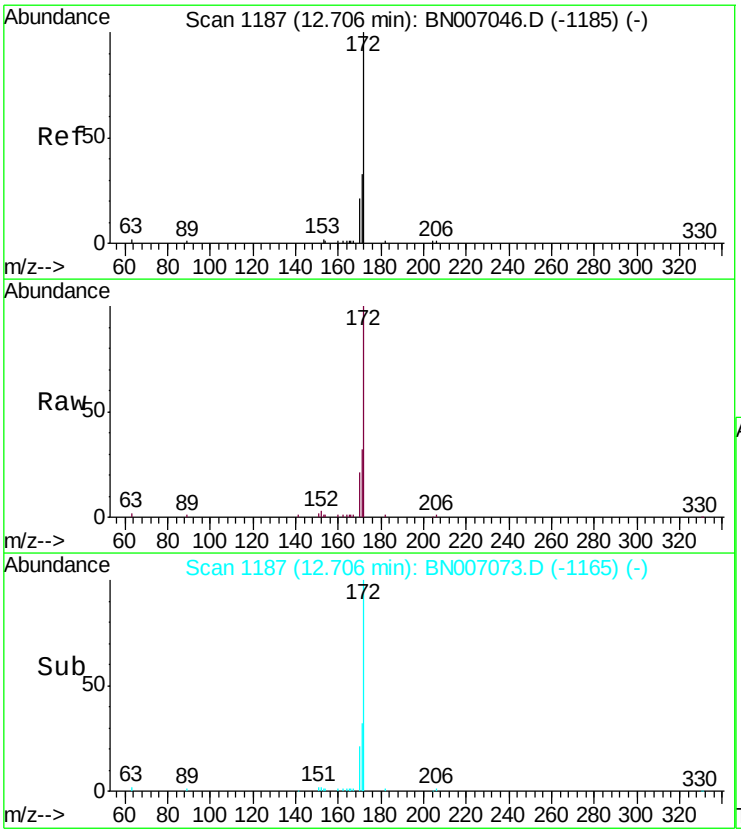
#13
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 2812

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.9	33.6	50.4

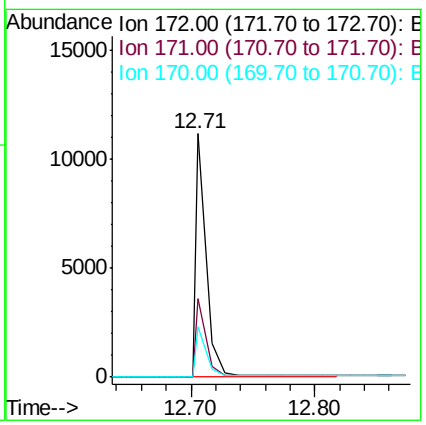


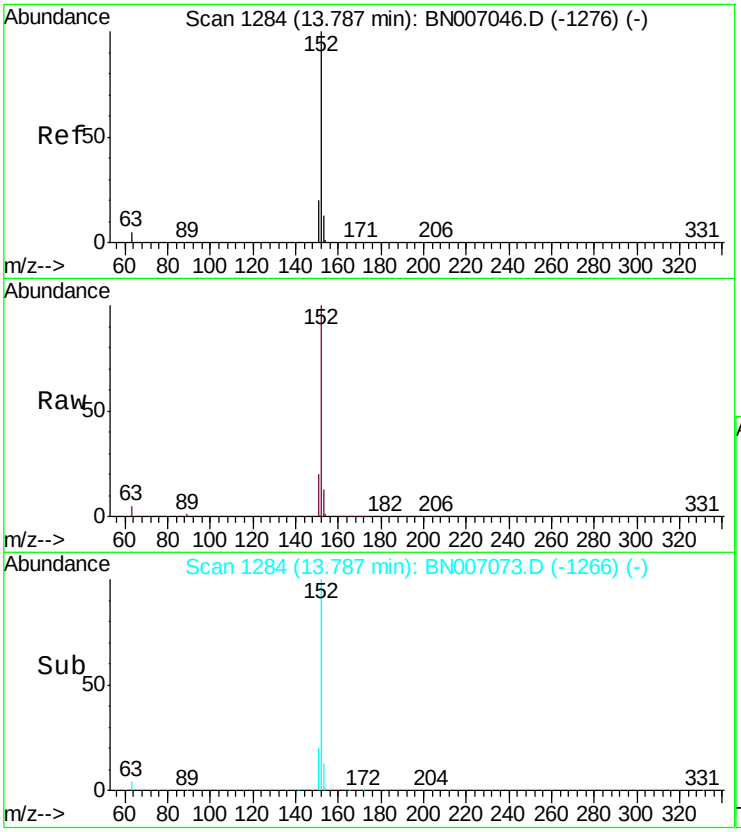


#14
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:172 Resp: 8109

Ion	Ratio	Lower	Upper
172	100		
171	32.0	26.3	39.5
170	20.7	17.0	25.4



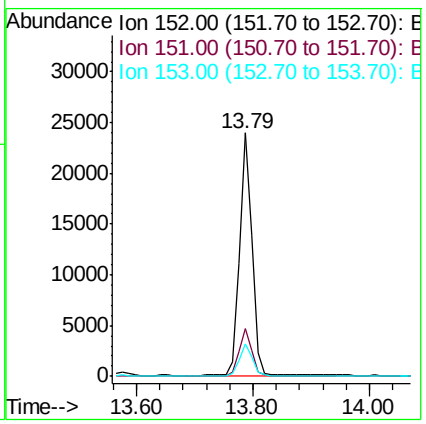


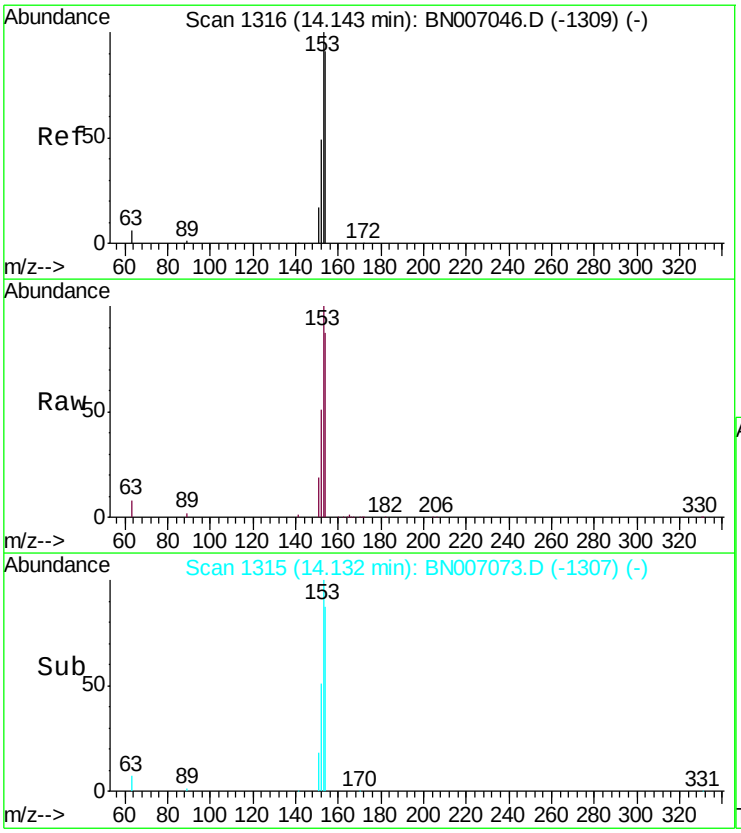
#15
Acenaphthylene
Concen: 0.374 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 35890

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.4	15.6

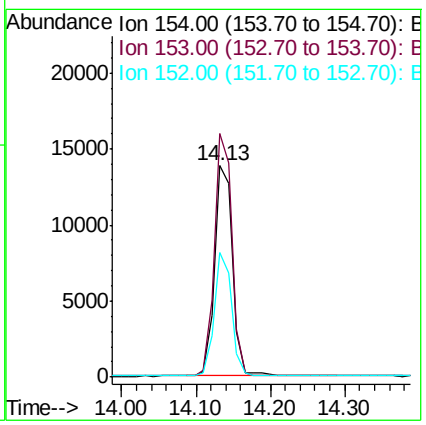


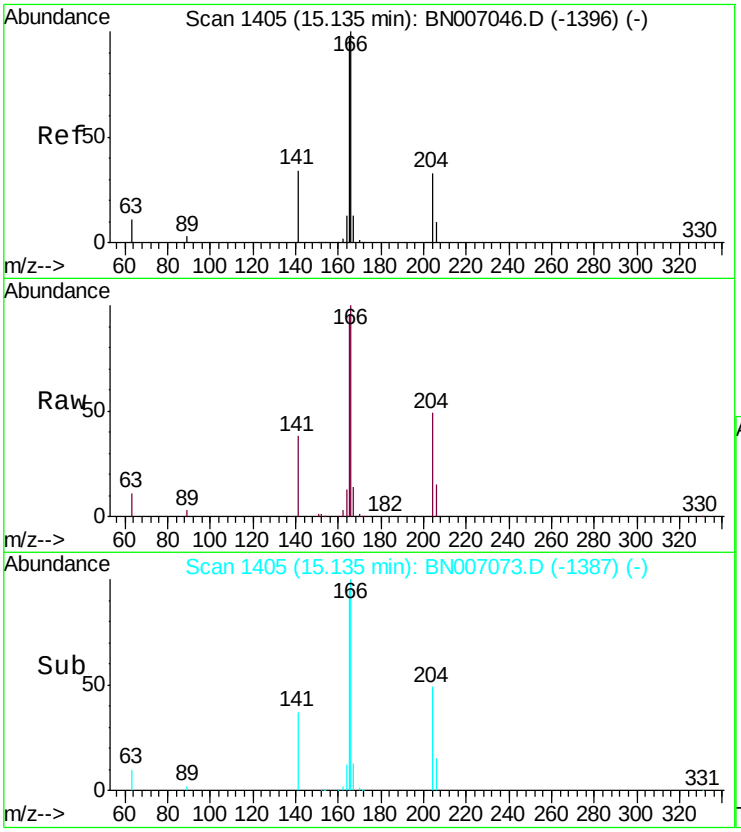


#16
Acenaphthene
Concen: 0.377 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:154 Resp: 23170

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.5	134.3
152	56.2	44.8	67.2



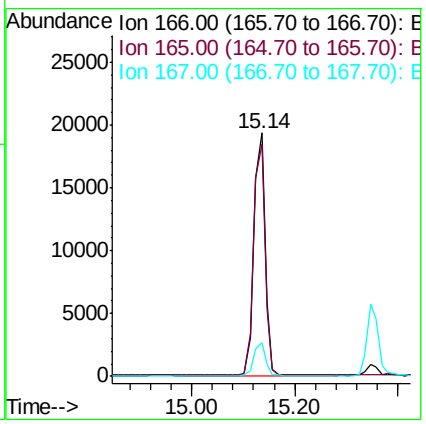


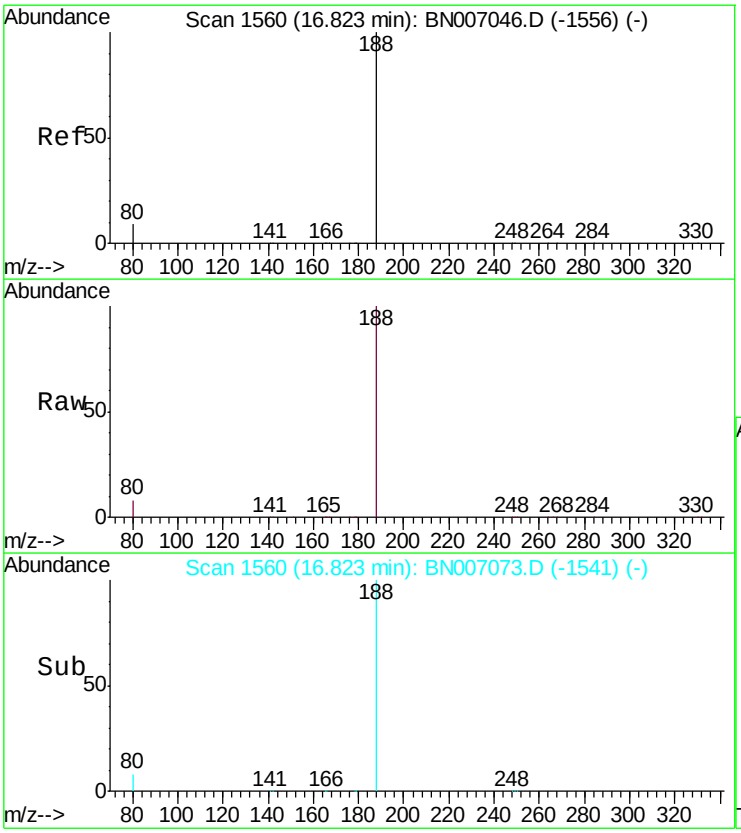
#17
Fluorene
Concen: 0.325 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 29922

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	13.7	10.9	16.3

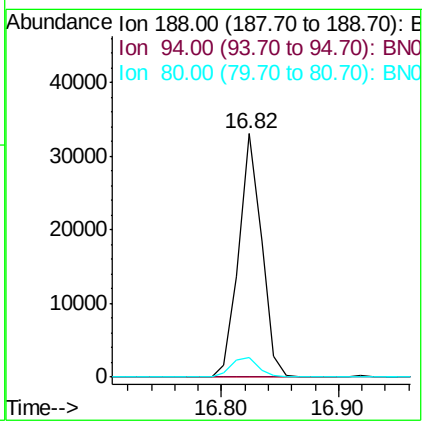


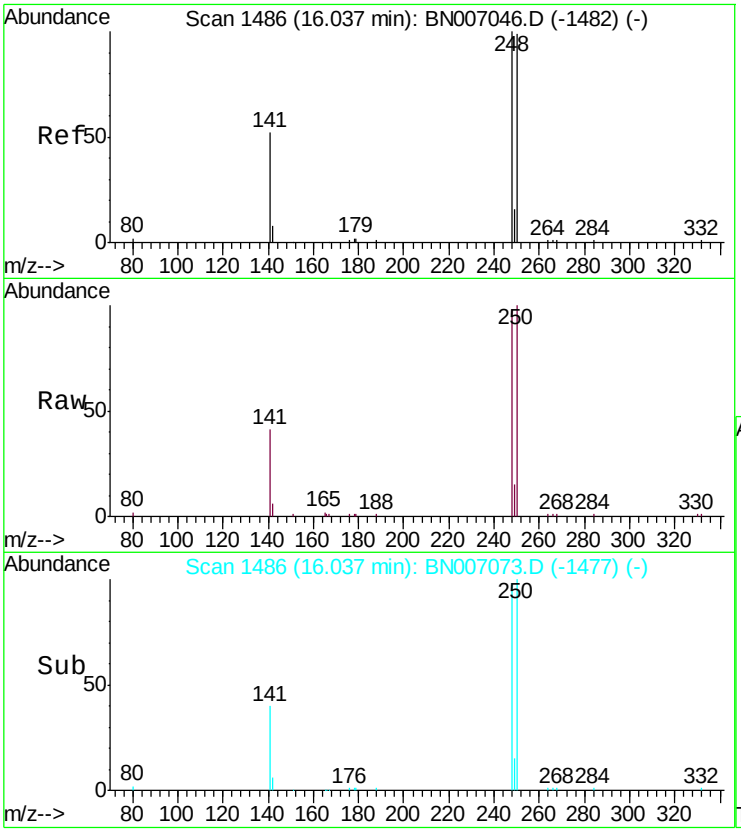


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:188 Resp: 44519

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.8	11.6



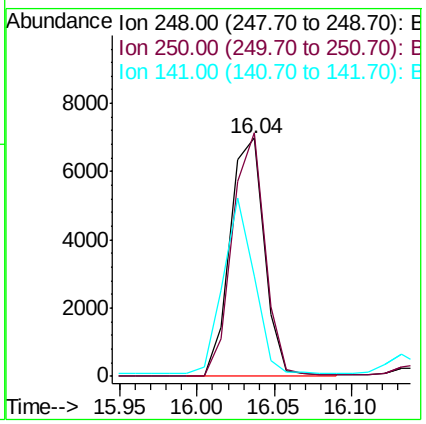


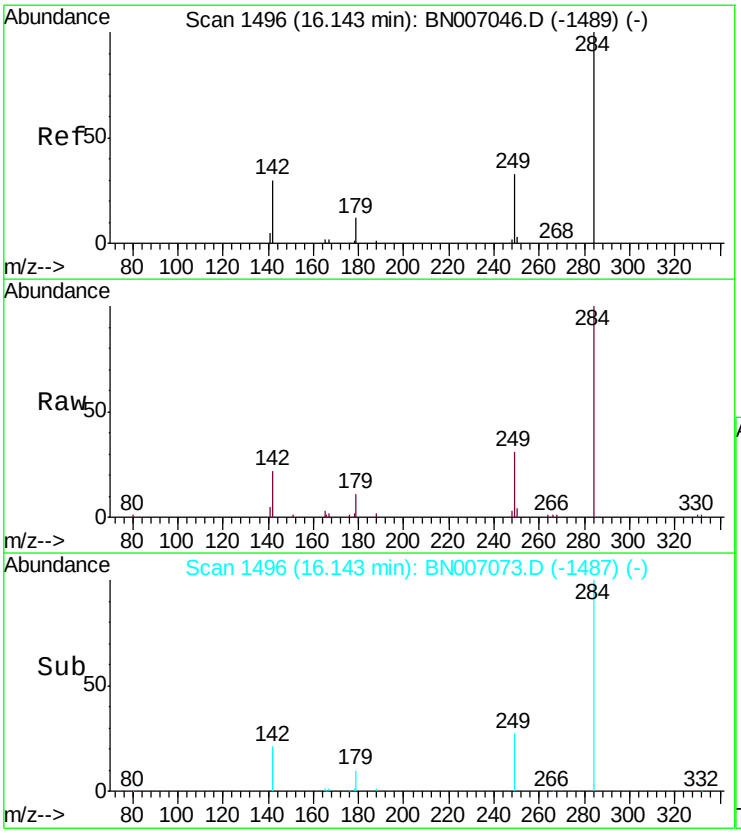
#19
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.04 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 10896

Ion	Ratio	Lower	Upper
248	100		
250	102.2	78.9	118.3
141	42.3	43.3	64.9#

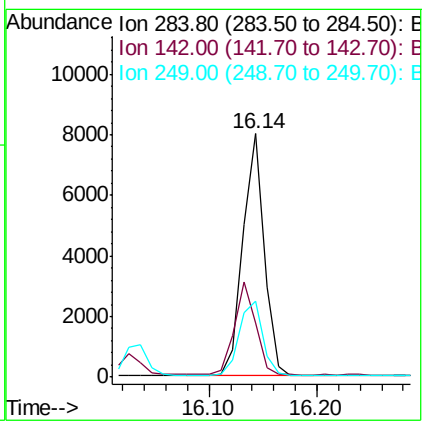


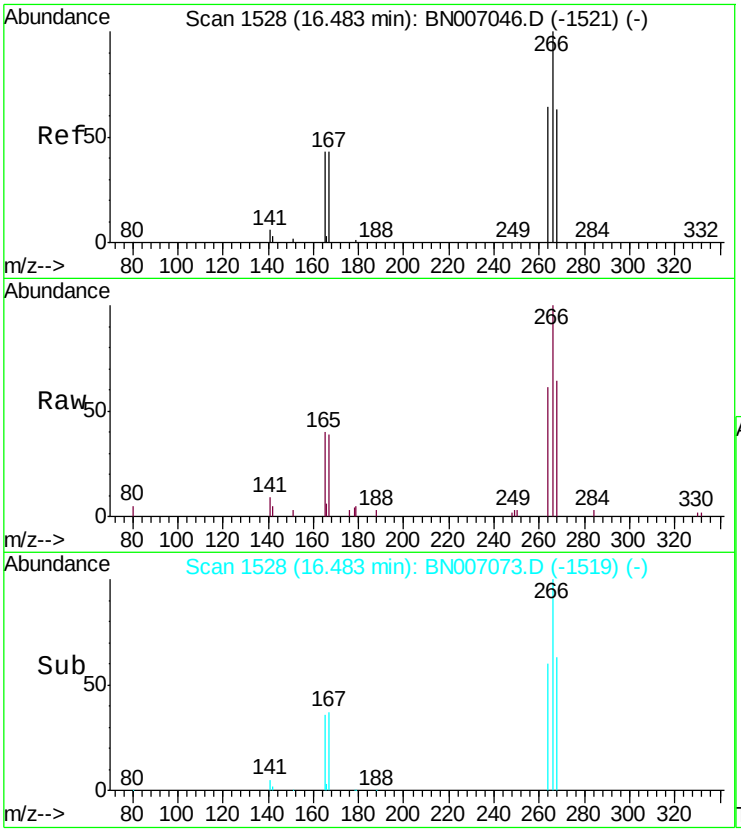


#20
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:284 Resp: 10915

Ion	Ratio	Lower	Upper
284	100		
142	38.1	30.5	45.7
249	33.4	26.7	40.1



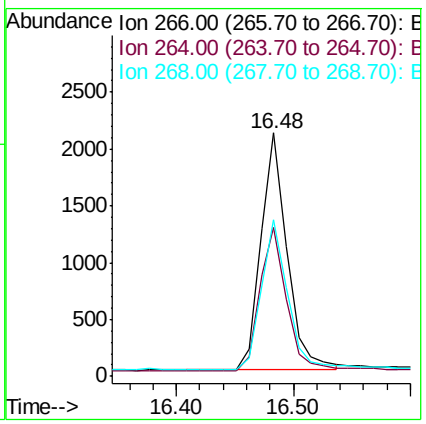


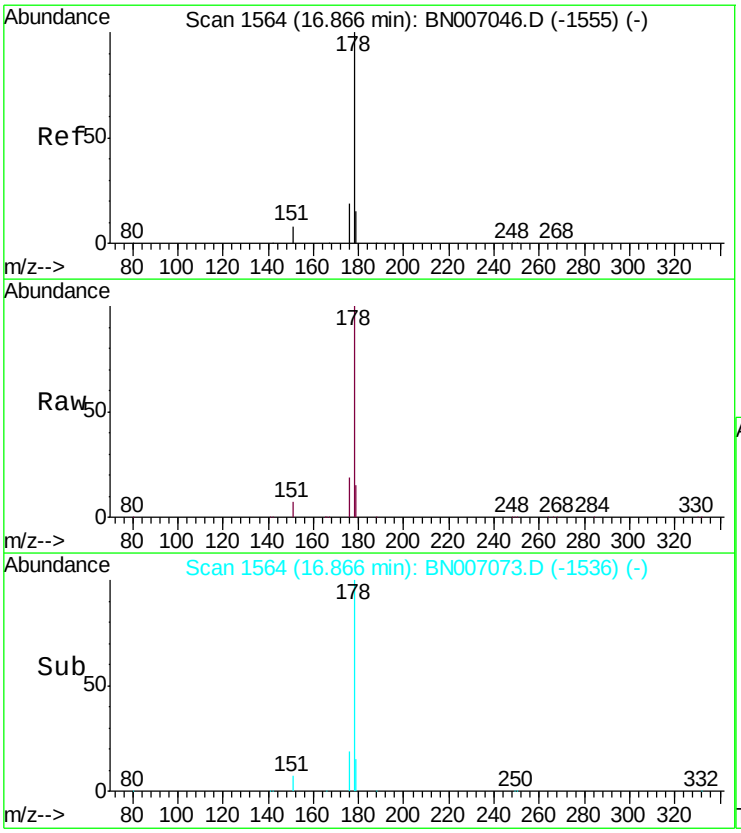
#21
Pentachlorophenol
Concen: 0.331 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 3262

Ion	Ratio	Lower	Upper
266	100		
264	61.1	52.3	78.5
268	64.4	51.5	77.3

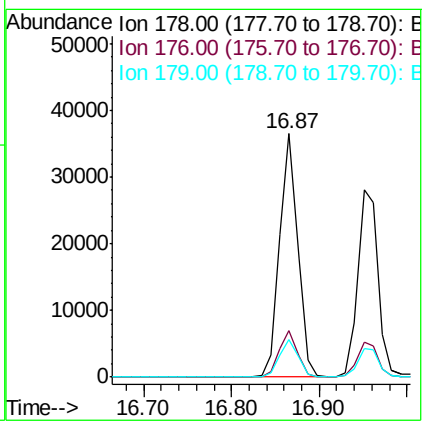


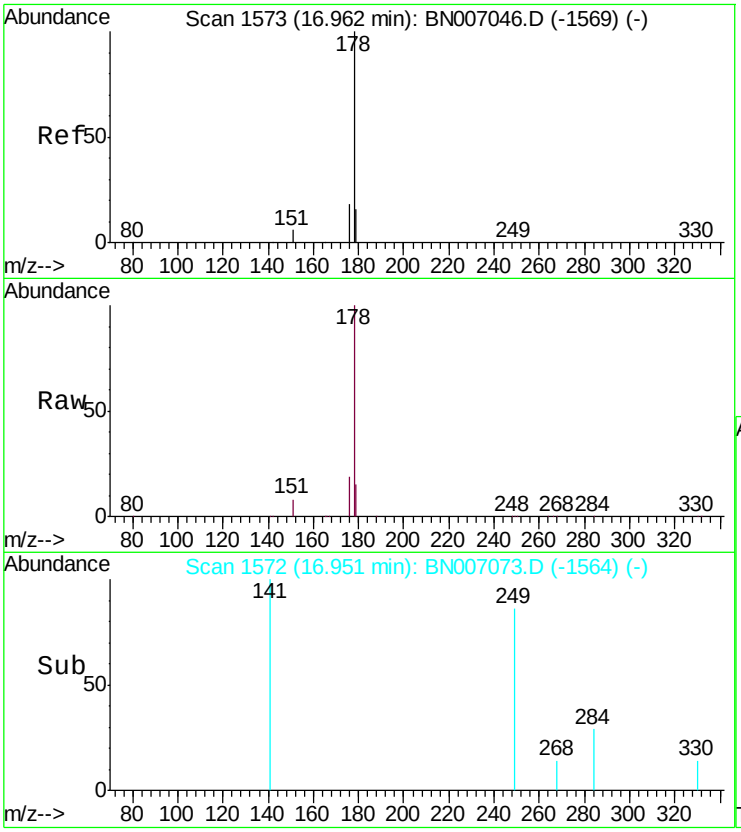


#22
Phenanthrene
Concen: 0.389 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:178 Resp: 51950

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.3	12.3	18.5



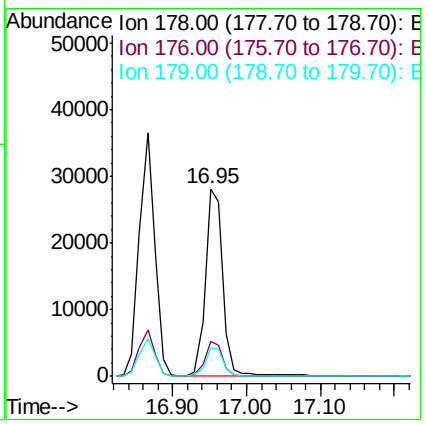


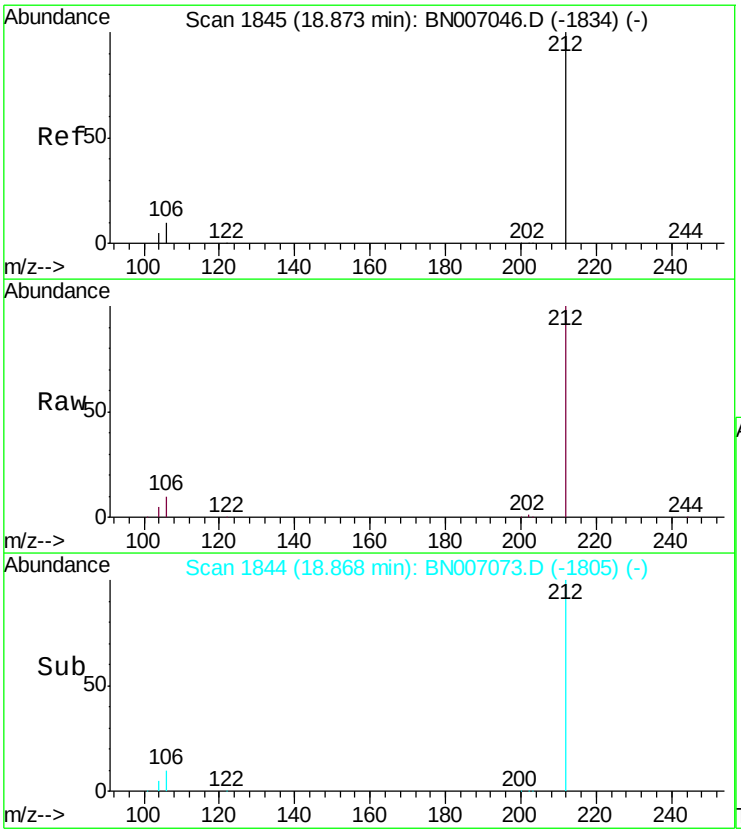
#23
Anthracene
Concen: 0.370 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 45136

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.4	12.5	18.7

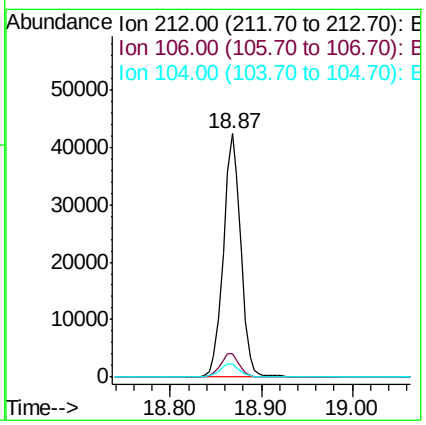


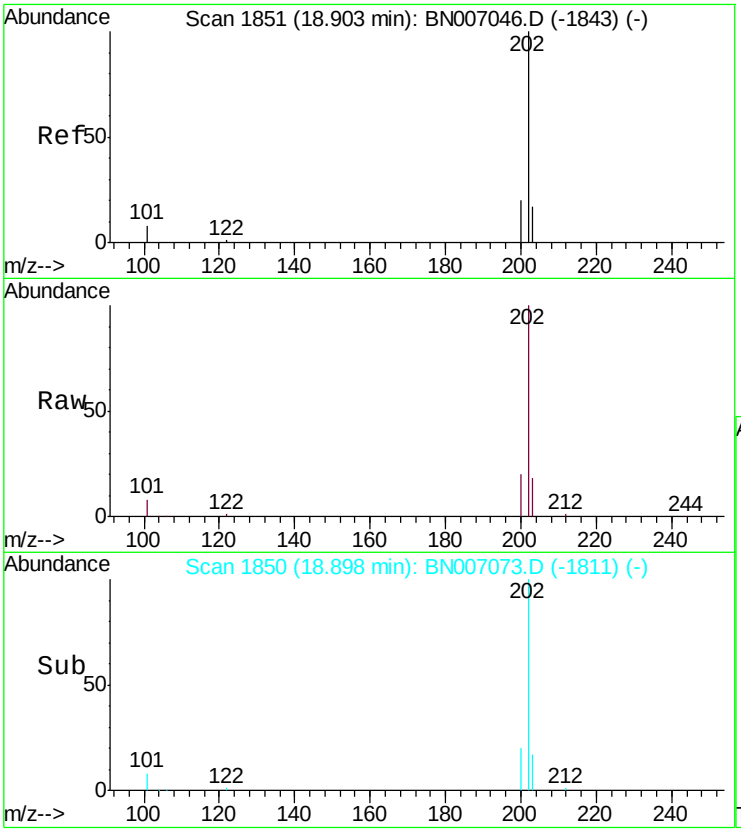


#24
Fluoranthene-d10
Concen: 0.354 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:212 Resp: 55914

Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.2	12.2
104	5.6	4.5	6.7



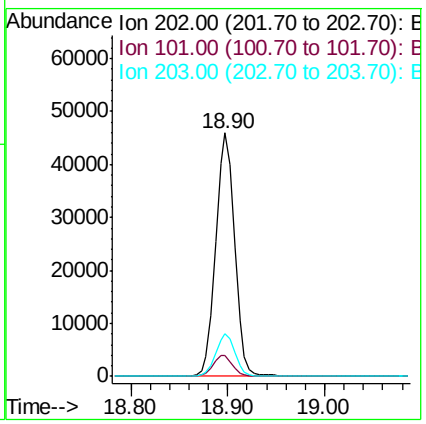


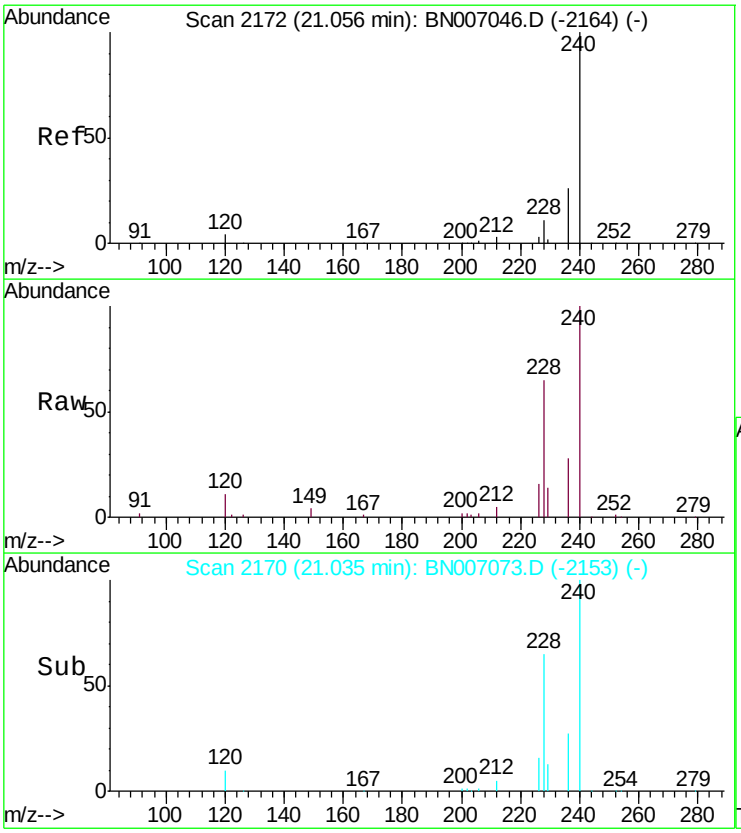
#25
Fluoranthene
Concen: 0.362 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 61857

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
203	17.3	13.8	20.8

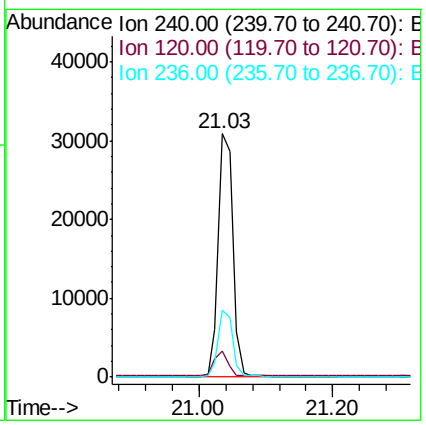


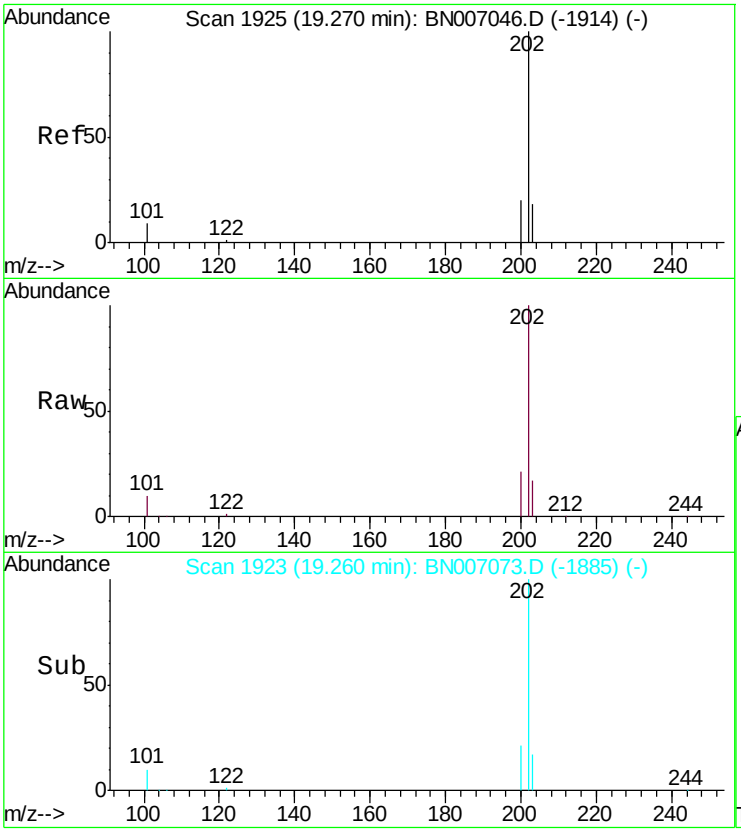


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:240 Resp: 46239

Ion	Ratio	Lower	Upper
240	100		
120	10.9	4.0	6.0#
236	27.7	21.3	31.9



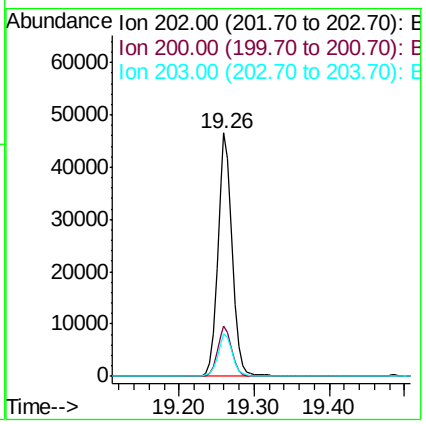


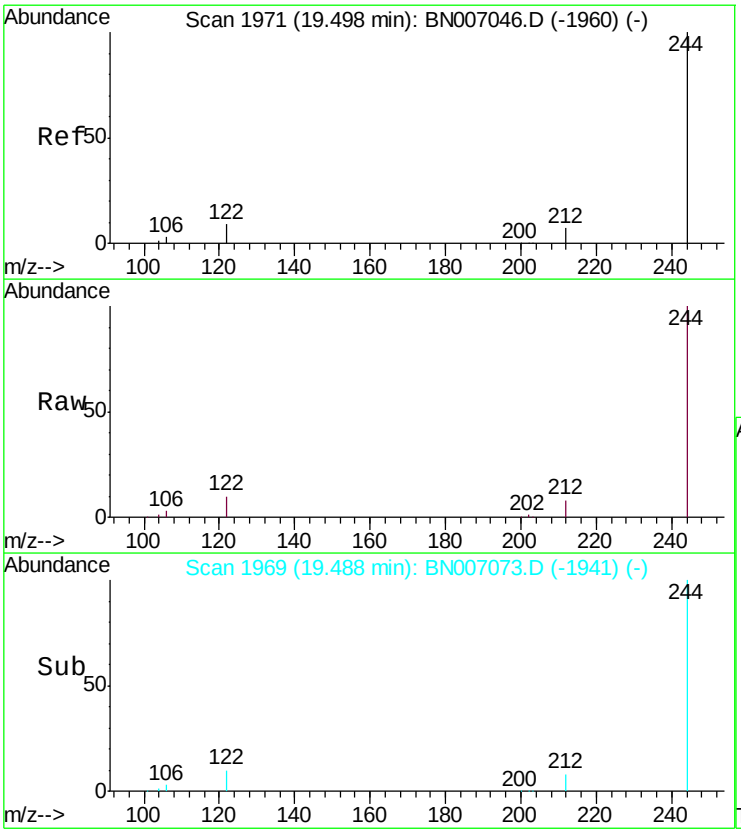
#27
Pyrene
Concen: 0.383 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 62170

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.6	14.0	21.0

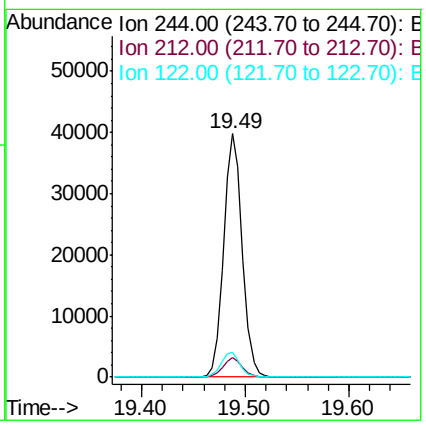


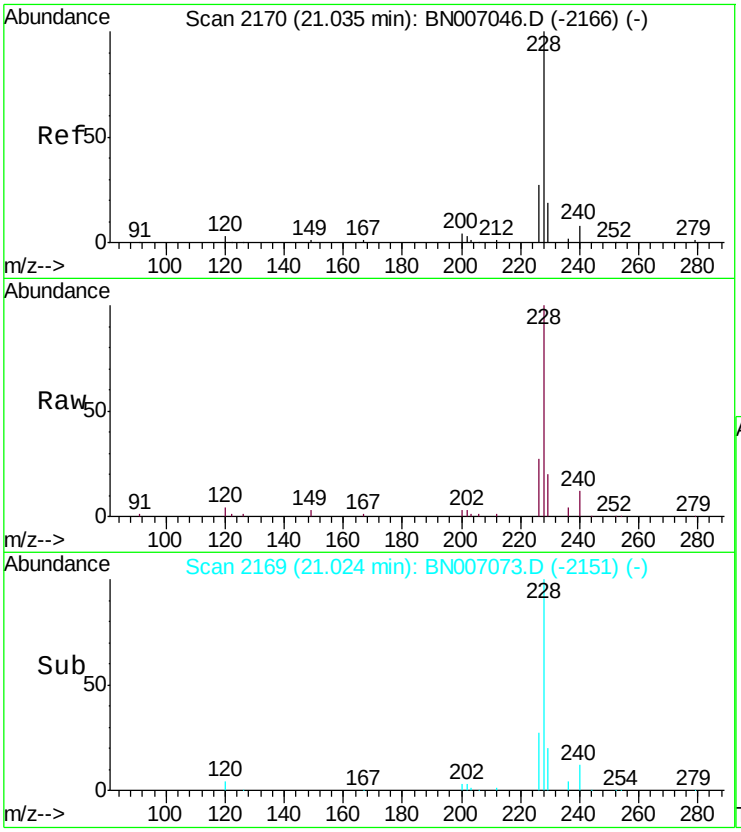


#28
Terphenyl-d14
Concen: 0.385 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:244 Resp: 48575

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	10.1	7.4	11.2



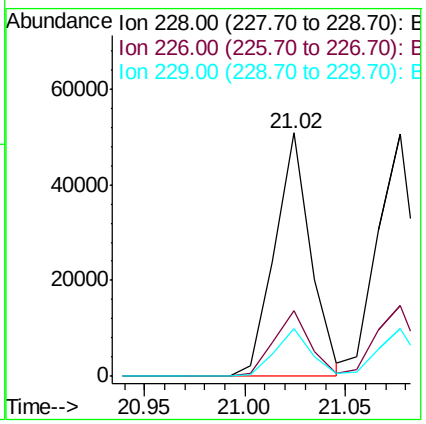


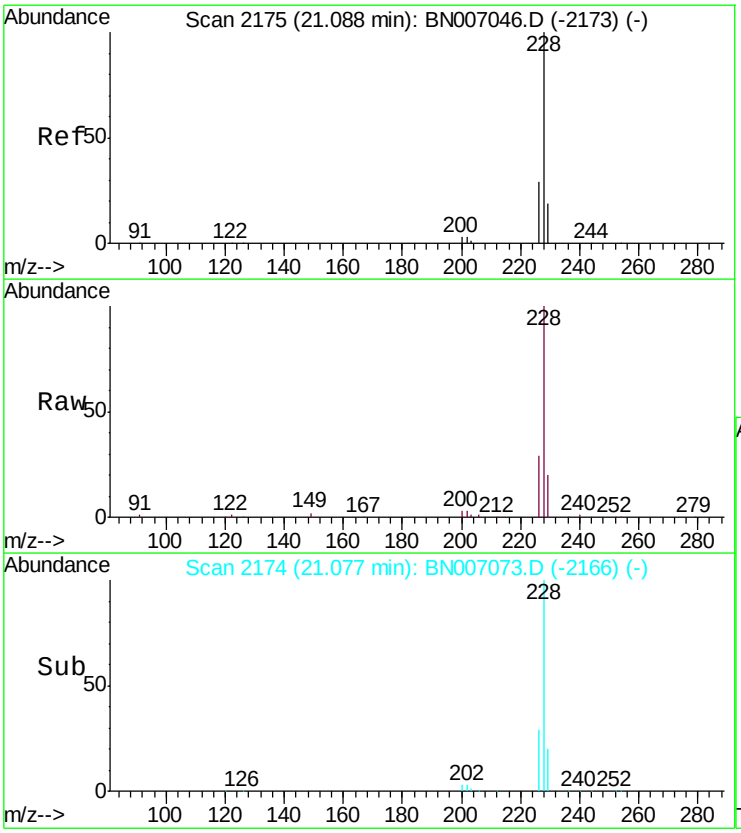
#29
Benzo(a)anthracene
Concen: 0.374 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 63262

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.8	15.6	23.4

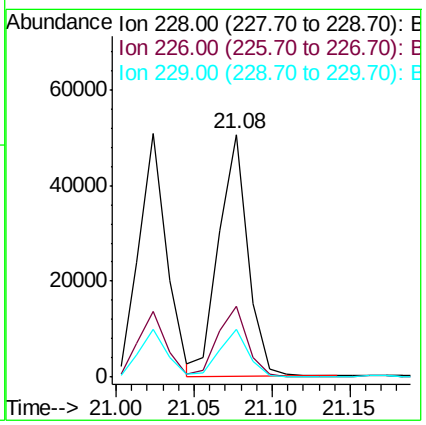


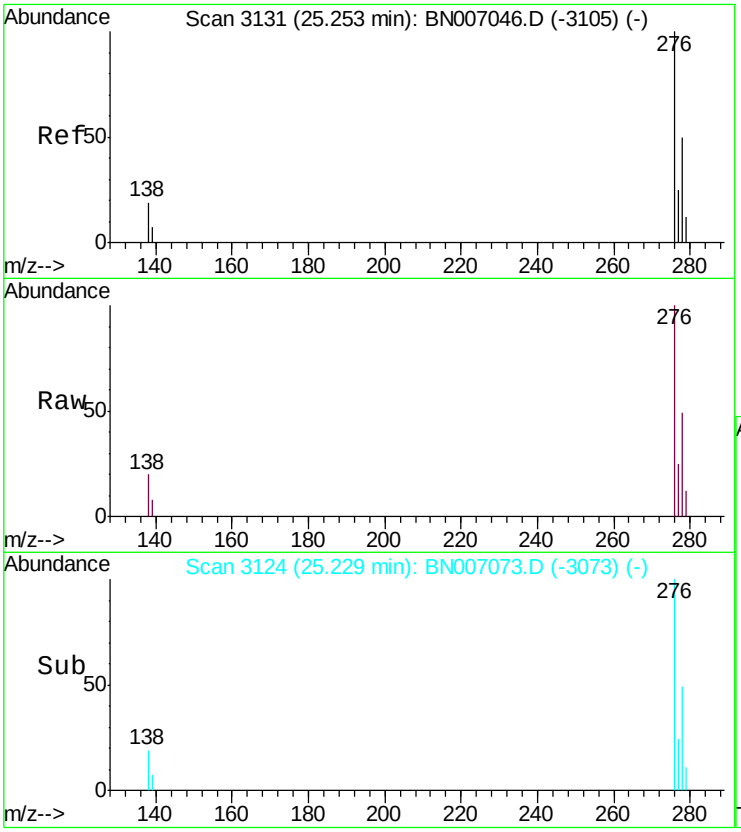


#30
Chrysene
Concen: 0.395 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:228 Resp: 64844

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.8	35.6
229	19.8	15.7	23.5



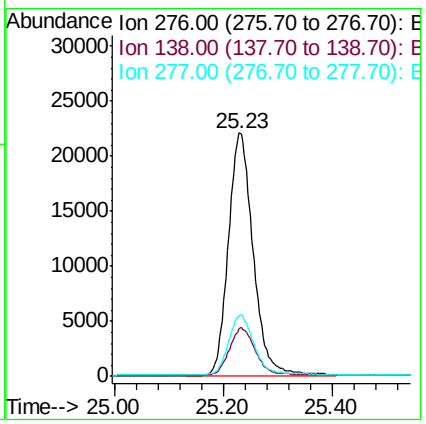


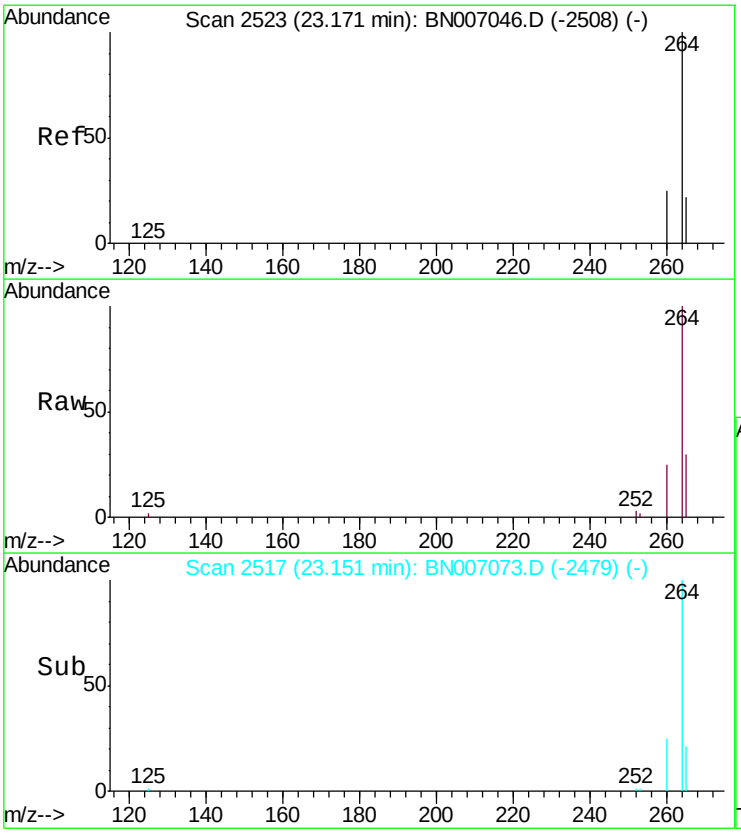
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng
RT: 25.23 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 69785

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

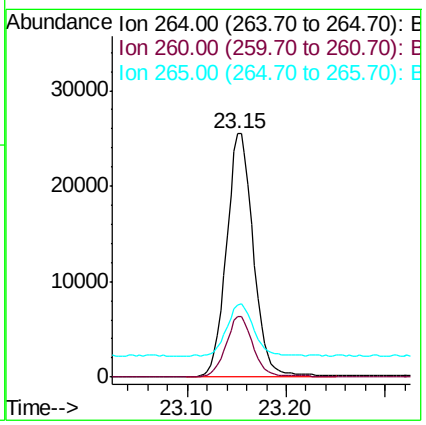


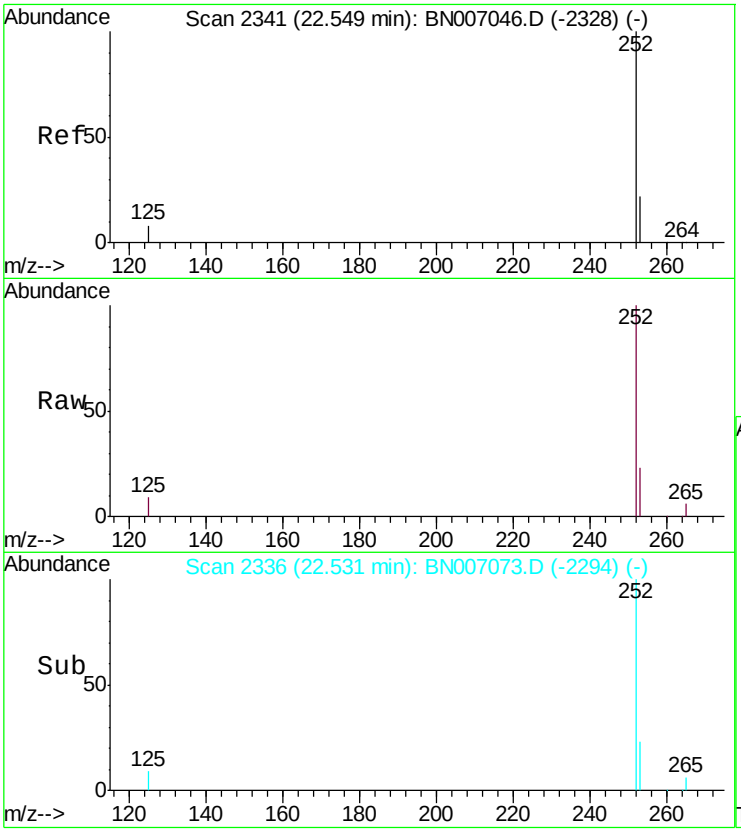


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:264 Resp: 47330

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	29.6	26.2	39.4



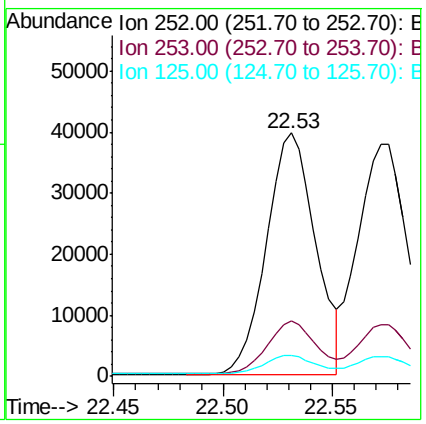


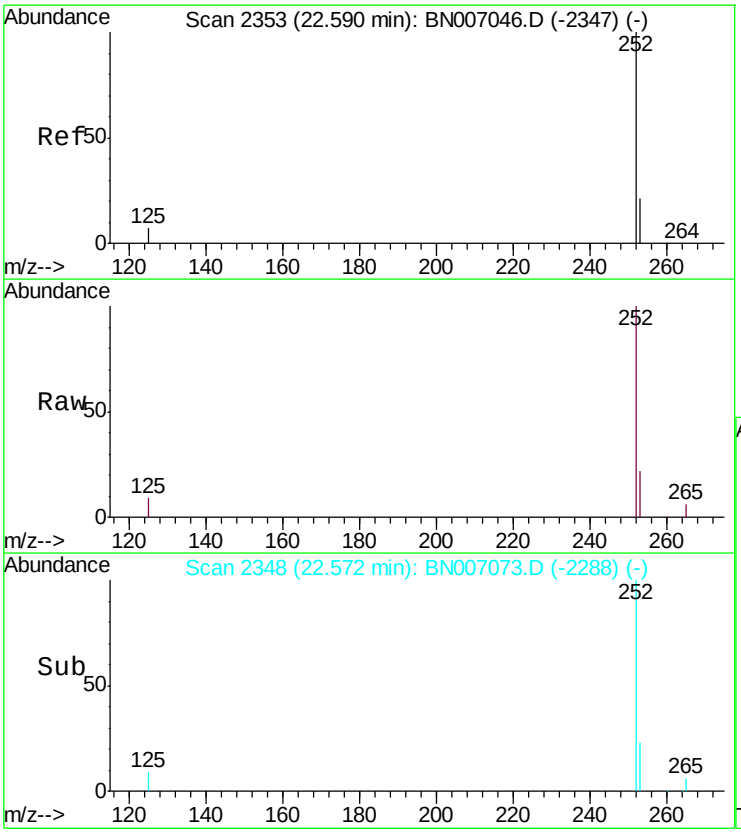
#33
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.53 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 61959

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	8.7	7.4	11.0

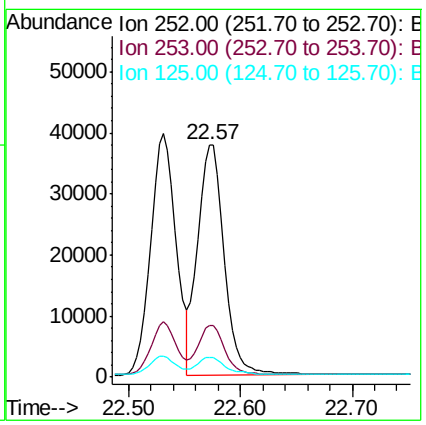


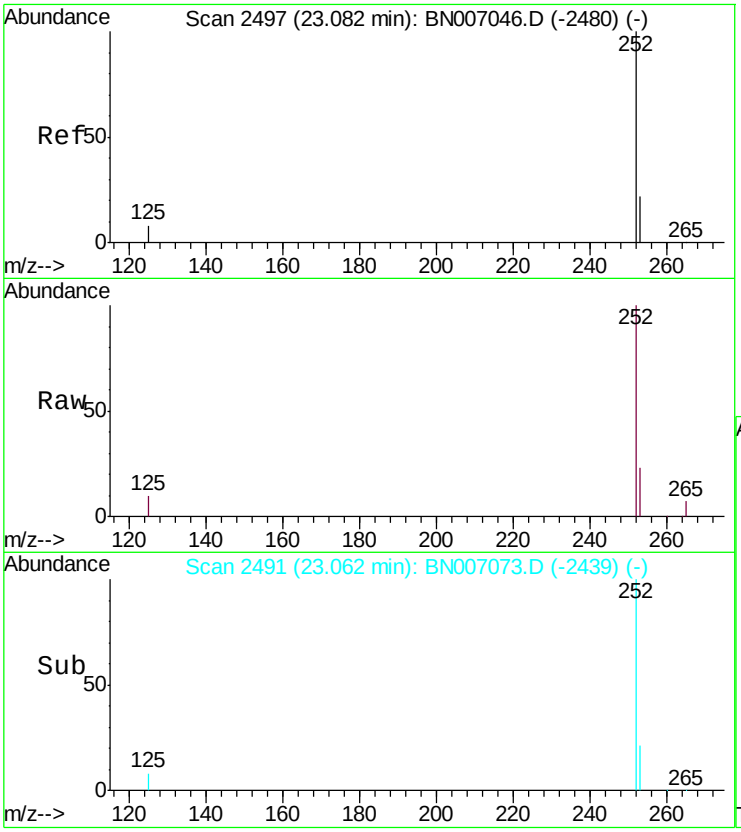


#34
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 22.57 min Scan# 2348
Delta R.T. -0.02 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:252 Resp: 61802

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	8.6	7.4	11.0



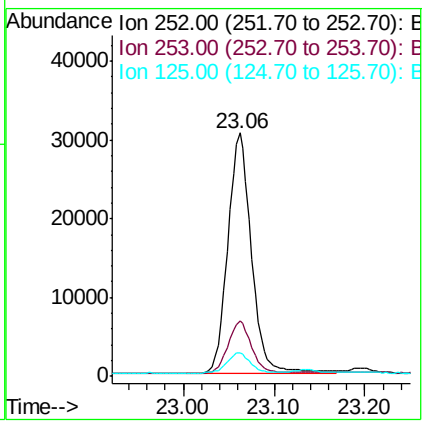


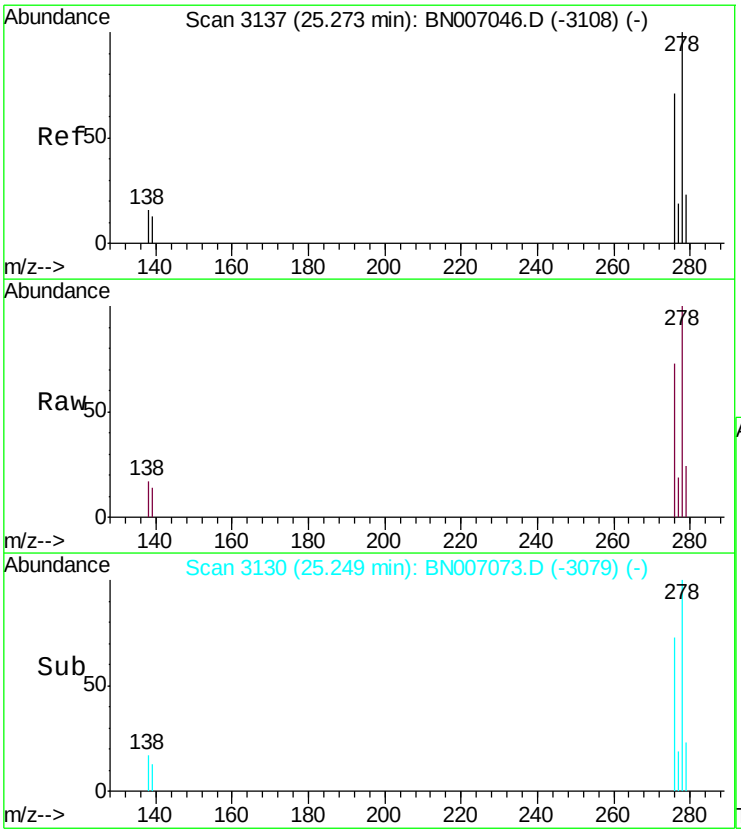
#35
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.06 min Scan# 2491
Delta R.T. -0.02 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 55293

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	9.5	8.2	12.4

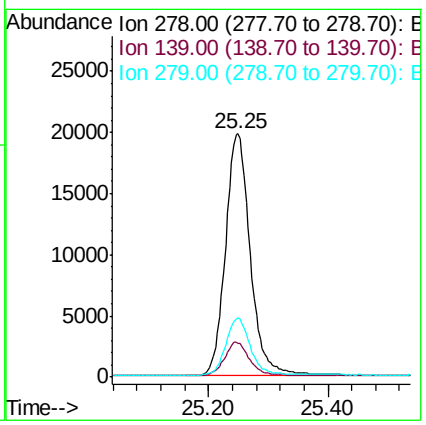


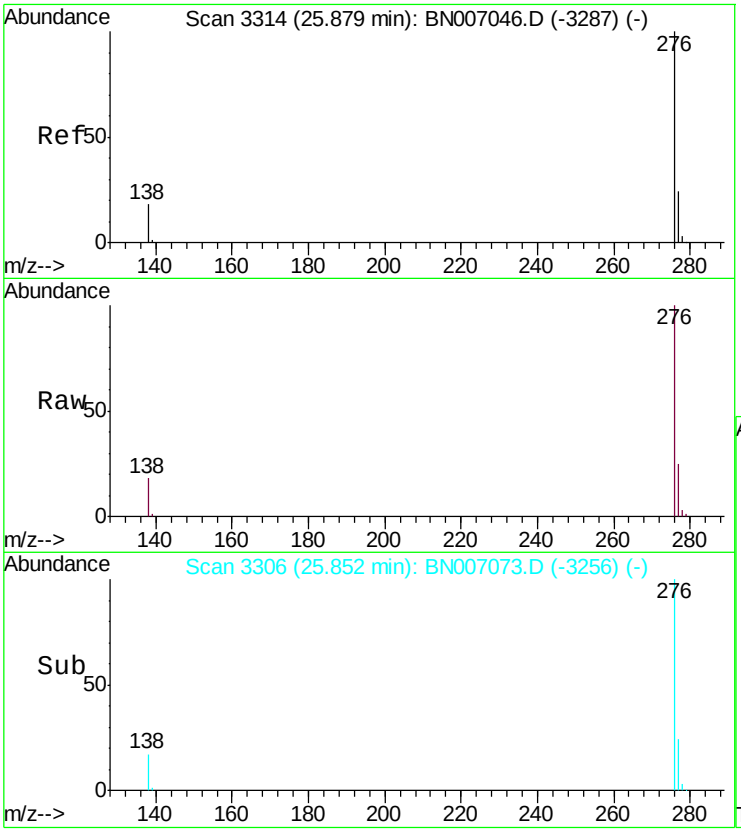


#36
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 25.25 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:278 Resp: 57375

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.3	16.9
279	24.2	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 25.85 min Scan# 3306
Delta R.T. -0.03 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 57900

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	18.0	14.6	22.0