Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006710.D
Acq On : 05 Jul 2019 11:56
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 05 22:49:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2649	0.40	ng		-0.02
7) Naphthalene-d8	10.36	136	11059	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	6654	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	15370	0.40	ng		-0.02
27) Chrysene-d12	21.24	240	15035	0.40	ng		-0.02
34) Perylene-d12	23.46	264	17983	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	2537	0.35	ng		-0.02
5) Phenol-d6	6.81	99	3365	0.37	ng		-0.02
8) Nitrobenzene-d5	8.77	82	2944	0.35	ng		-0.03
11) 2-Methylnaphthalene-d10	11.97	152	6602	0.40	ng		-0.02
14) 2,4,6-Tribromophenol	15.77	330	1307	0.40	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	9502	0.37	ng		-0.02
25) Fluoranthene-d10	19.05	212	18036	0.41	ng		-0.02
29) Terphenyl-d14	19.66	244	13250	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1727	0.417	ng		100
3) n-Nitrosodimethylamine	3.47	42	1121	0.359	ng	#	86
6) bis(2-Chloroethyl)ether	7.04	93	3255	0.423	ng	#	84
9) Naphthalene	10.41	128	11782	0.389	ng		99
10) Hexachlorobutadiene	10.69	225	2495	0.407	ng	#	99
12) 2-Methylnaphthalene	12.05	142	7770	0.361	ng		99
16) Acenaphthylene	13.96	152	13048	0.393	ng		99
17) Acenaphthene	14.30	154	8310	0.393	ng		98
18) Fluorene	15.30	166	10302	0.392	ng		100
20) 4-Bromophenyl-phenylether	16.20	248	3268	0.361	ng		98
21) Hexachlorobenzene	16.31	284	4260	0.395	ng		99
22) Pentachlorophenol	16.71	266	681	0.565	ng		98
23) Phenanthrene	17.05	178	16234	0.366	ng		100
24) Anthracene	17.14	178	14411	0.360	ng		100
26) Fluoranthene	19.09	202	20712	0.398	ng		100
28) Pyrene	19.45	202	21660	0.360	ng		100
30) Benzo(a)anthracene	21.22	228	19782	0.381	ng		98
31) Chrysene	21.27	228	20533	0.384	ng		99
32) Bis(2-ethylhexyl)phthalate	21.14	149	11810	0.076	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.68	276	27018	0.423	ng		98
35) Benzo(b)fluoranthene	22.79	252	21226	0.368	ng		98
36) Benzo(k)fluoranthene	22.84	252	23175	0.370	ng		98
37) Benzo(a)pyrene	23.36	252	21279	0.381	ng		97
38) Dibenzo(a,h)anthracene	25.69	278	21612	0.389	ng		97
39) Benzo(g,h,i)perylene	26.36	276	22301	0.390	ng		97

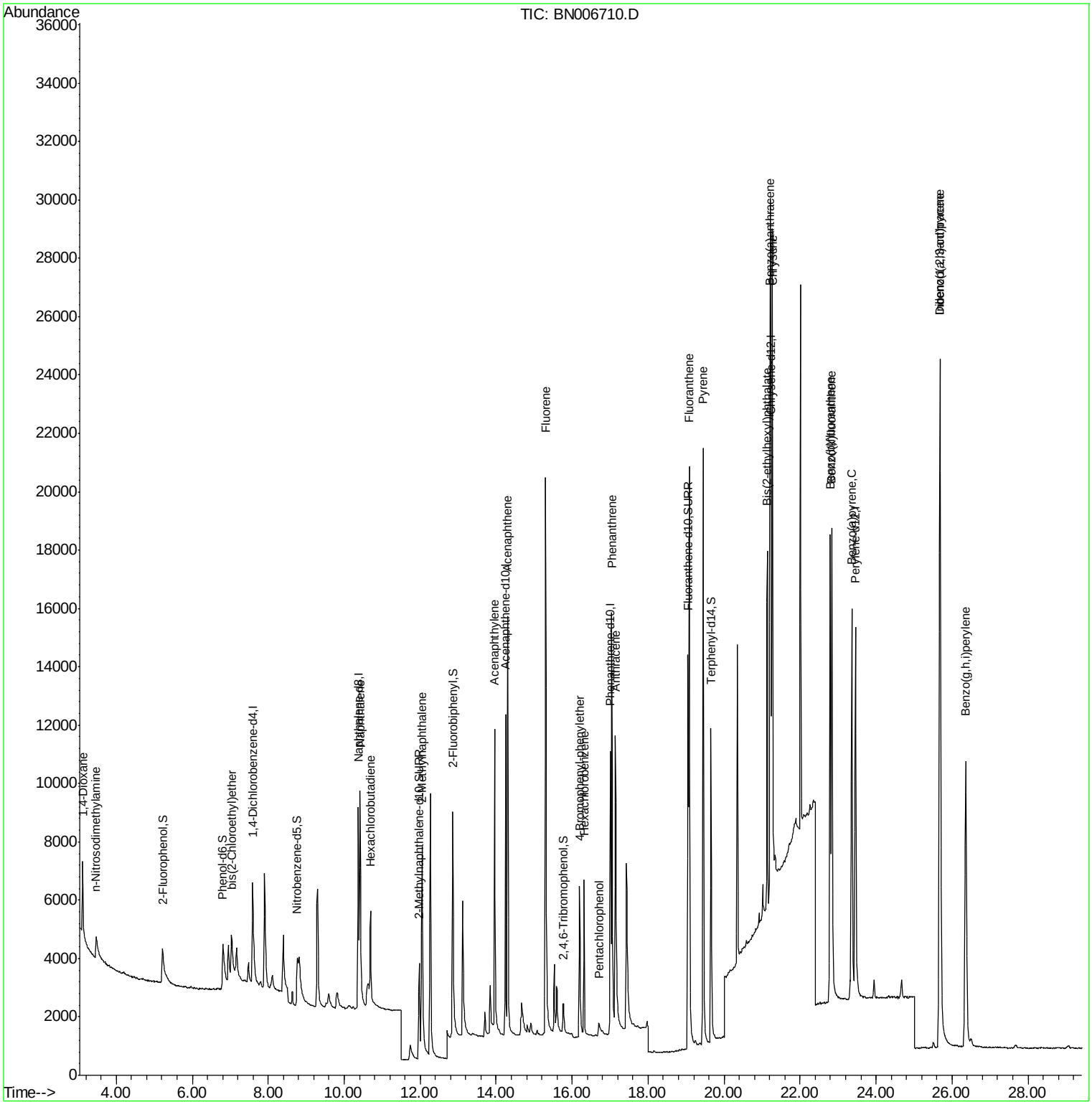
(#) = qualifier out of range (m) = manual integration (+) = signals summed

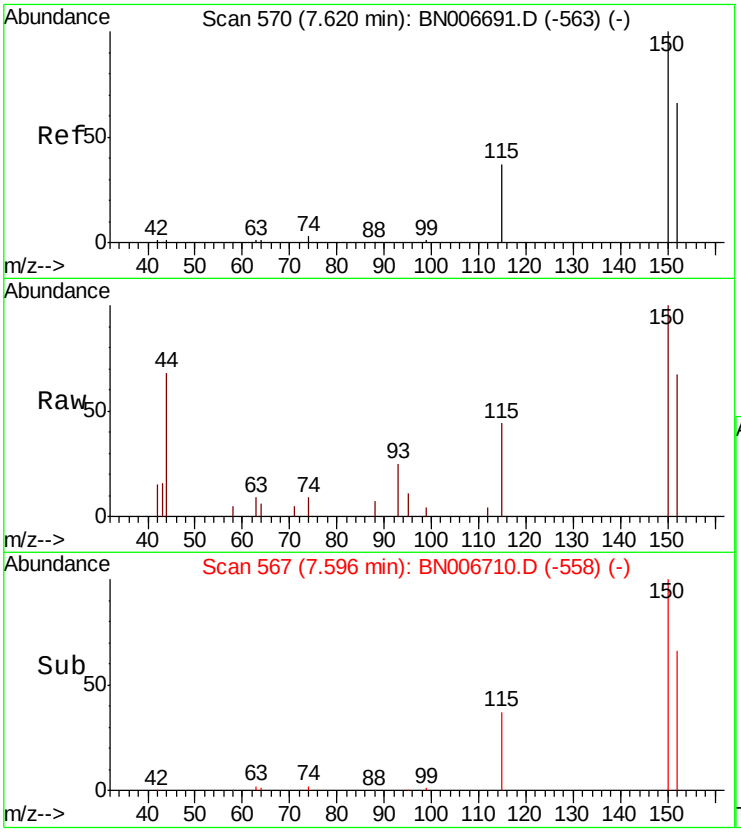
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006710.D
Acq On : 05 Jul 2019 11:56
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 05 22:49:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration



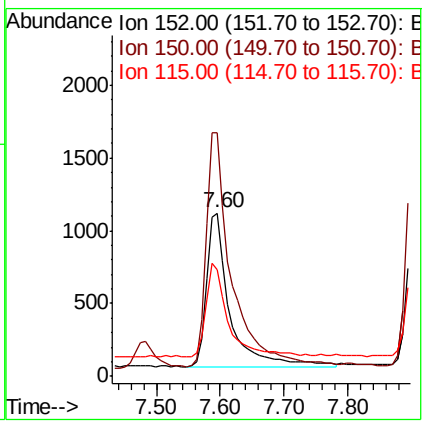


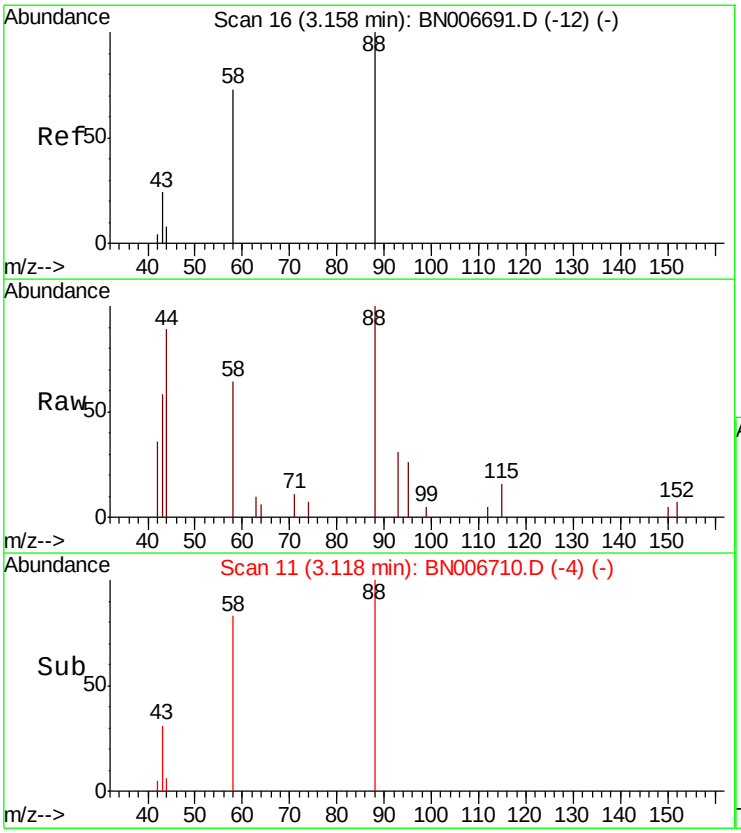
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2649

Ion	Ratio	Lower	Upper
152	100		
150	149.0	120.6	181.0
115	65.1	51.0	76.6

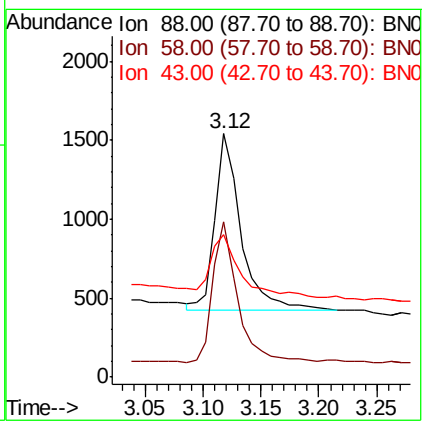


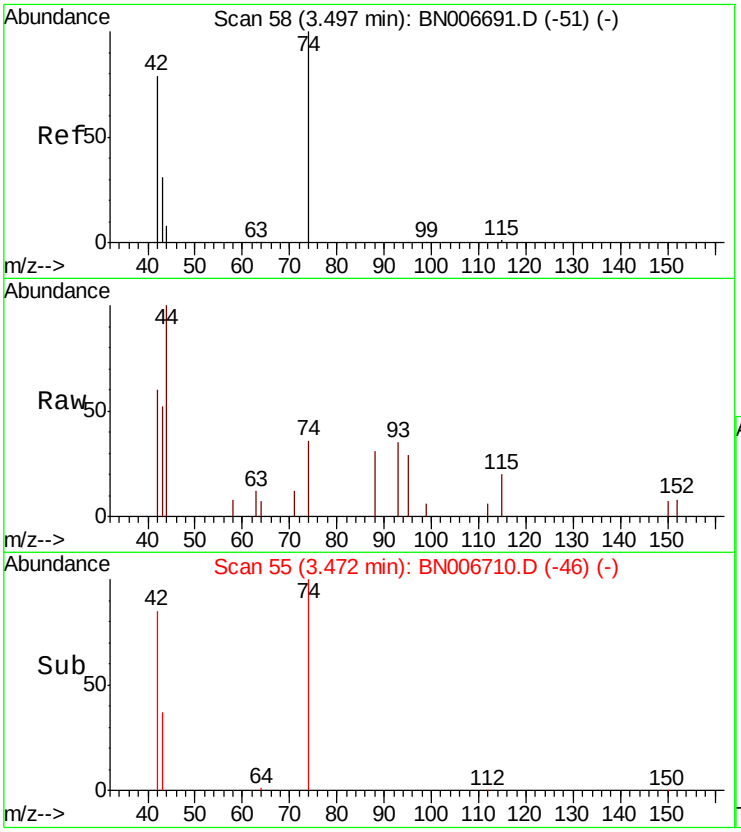


#2
1,4-Dioxane
Concen: 0.417 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion: 88 Resp: 1727

Ion	Ratio	Lower	Upper
88	100		
58	76.8	61.1	91.7
43	40.3	32.4	48.6



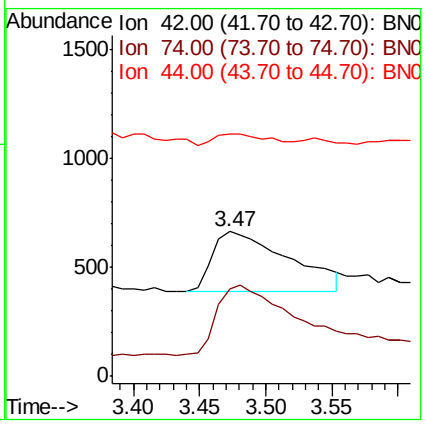


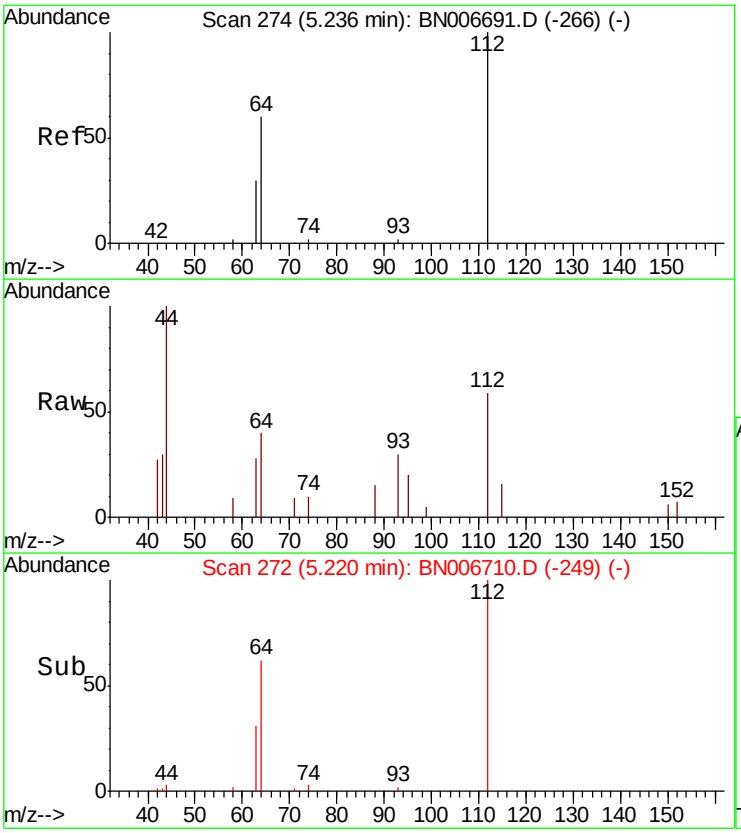
#3
n-Nitrosodimethylamine
Concen: 0.359 ng
RT: 3.47 min Scan# 55
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1121

Ion	Ratio	Lower	Upper
42	100		
74	116.0	106.6	160.0
44	13.3	8.0	12.0#

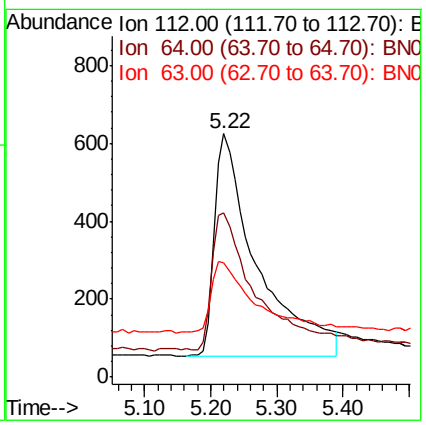


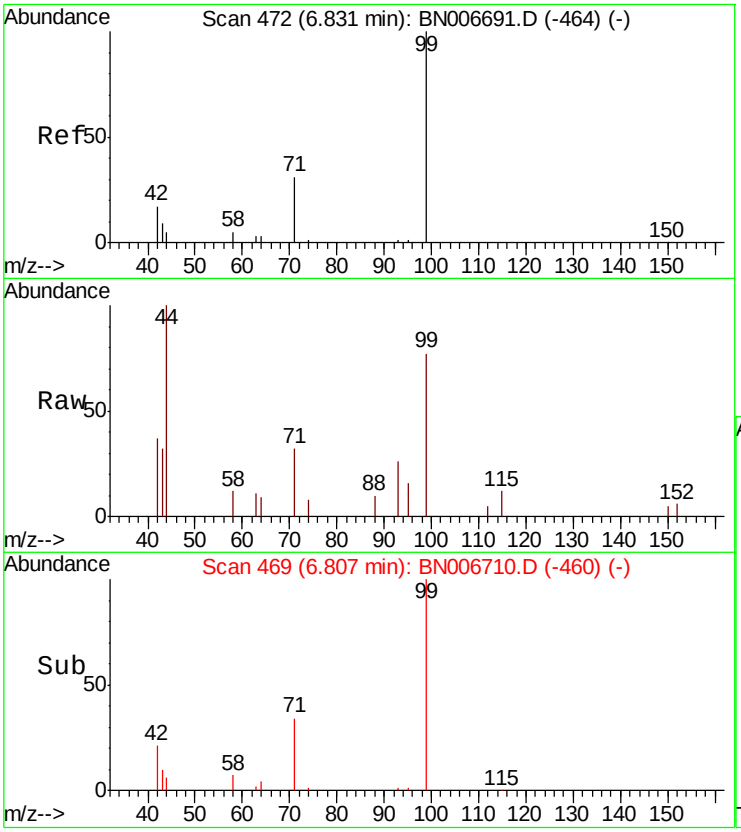


#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.22 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:112 Resp: 2537

Ion	Ratio	Lower	Upper
112	100		
64	65.2	49.8	74.6
63	33.2	25.8	38.6



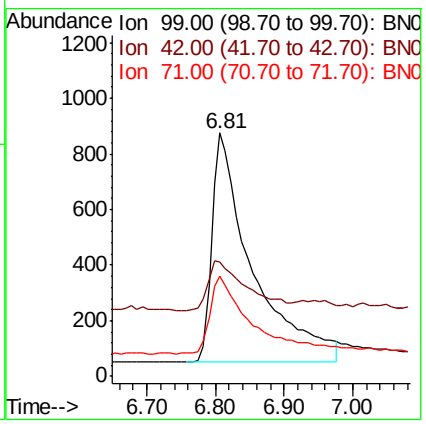


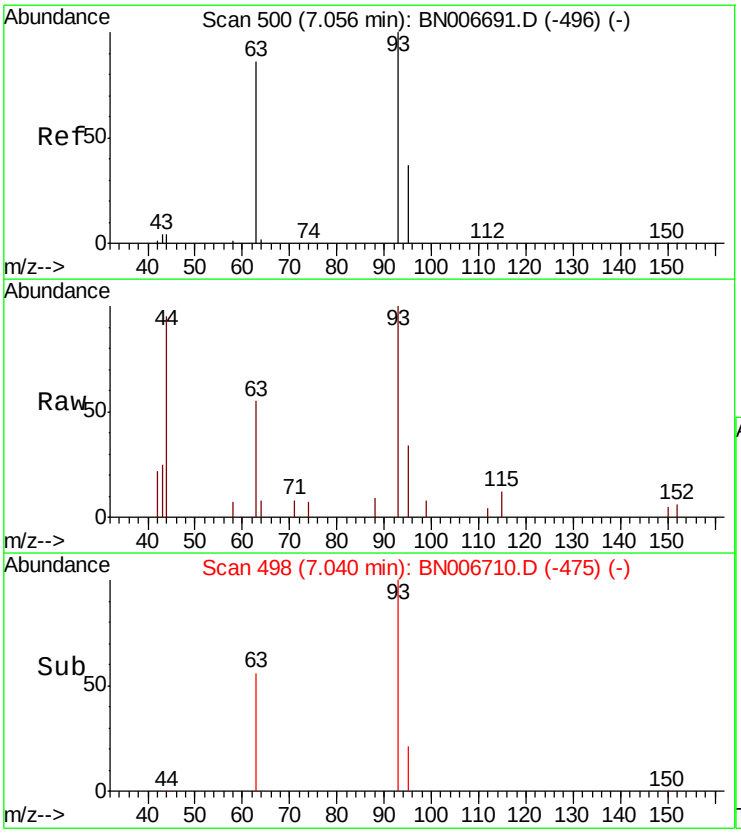
#5
Phenol-d6
Concen: 0.369 ng
RT: 6.81 min Scan# 469
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3365

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.6	25.0
71	34.8	26.0	39.0

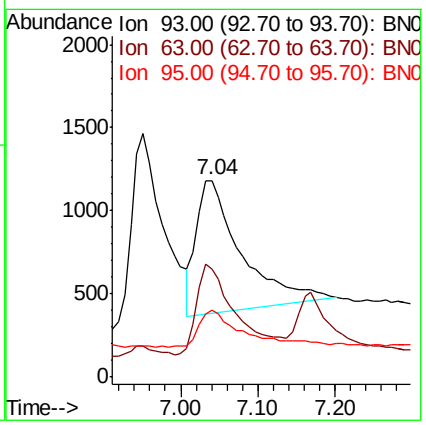


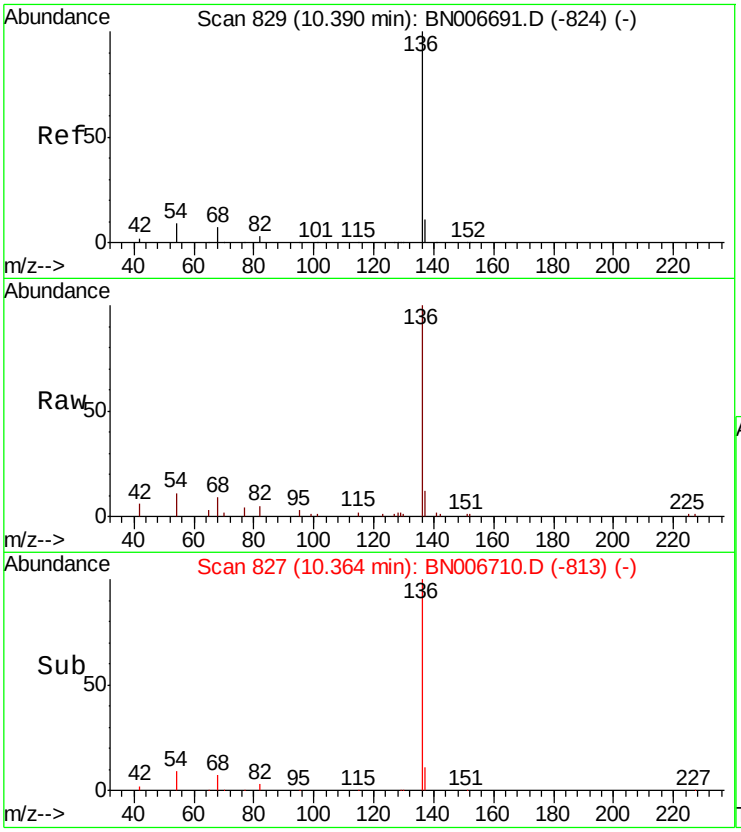


#6
bis(2-Chloroethyl)ether
Concen: 0.423 ng
RT: 7.04 min Scan# 498
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion: 93 Resp: 3255

Ion	Ratio	Lower	Upper
93	100		
63	58.9	58.6	87.8
95	27.9	28.3	42.5#



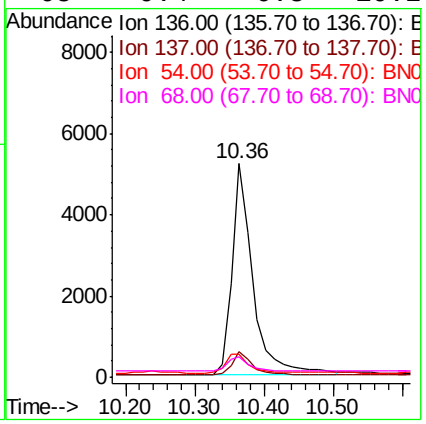


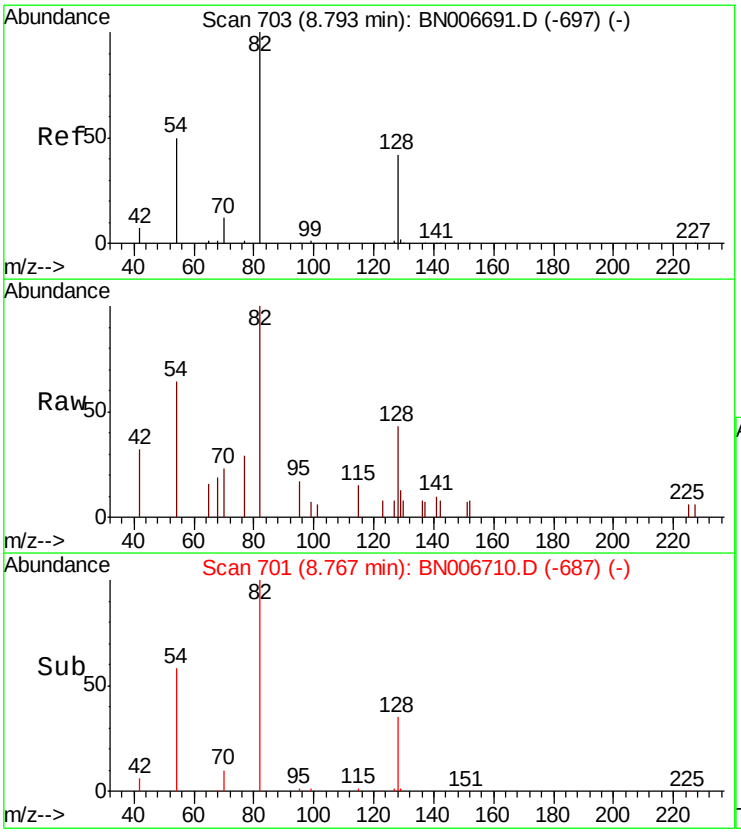
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 11059

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	11.0	8.4	12.6
68	9.4	6.8	10.2

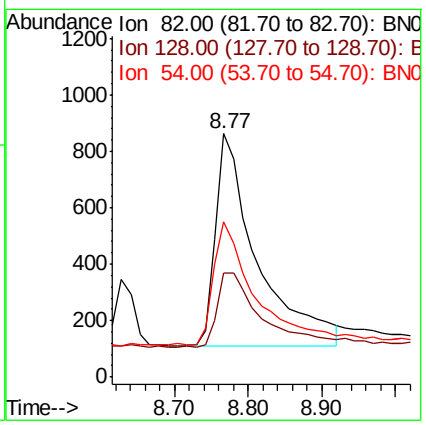


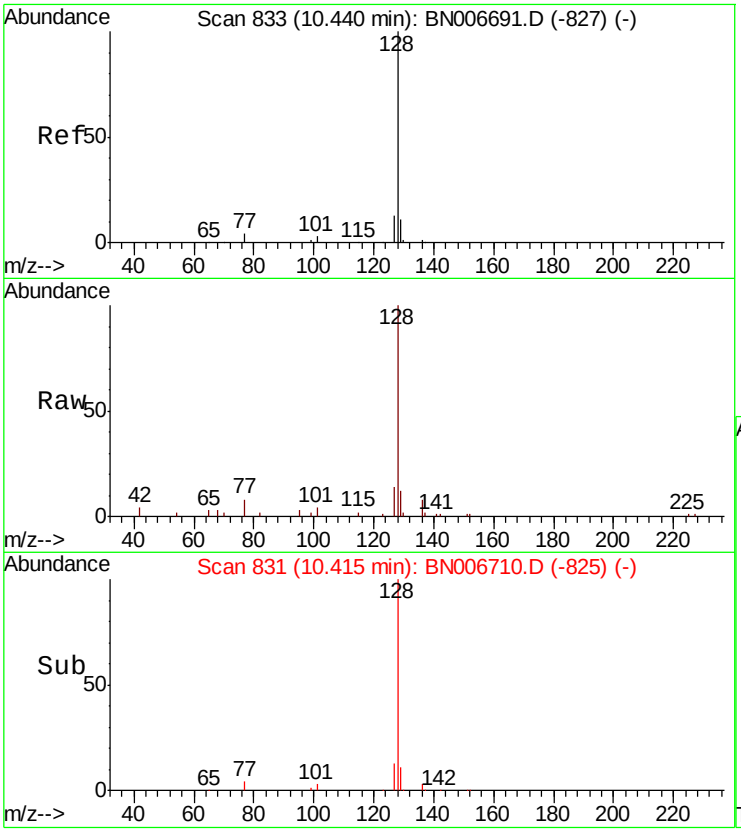


#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.77 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion: 82 Resp: 2944

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	63.7	44.5	66.7



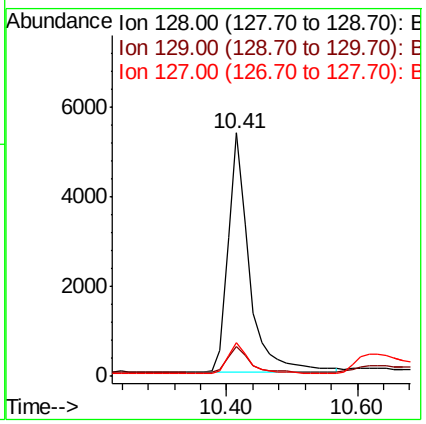


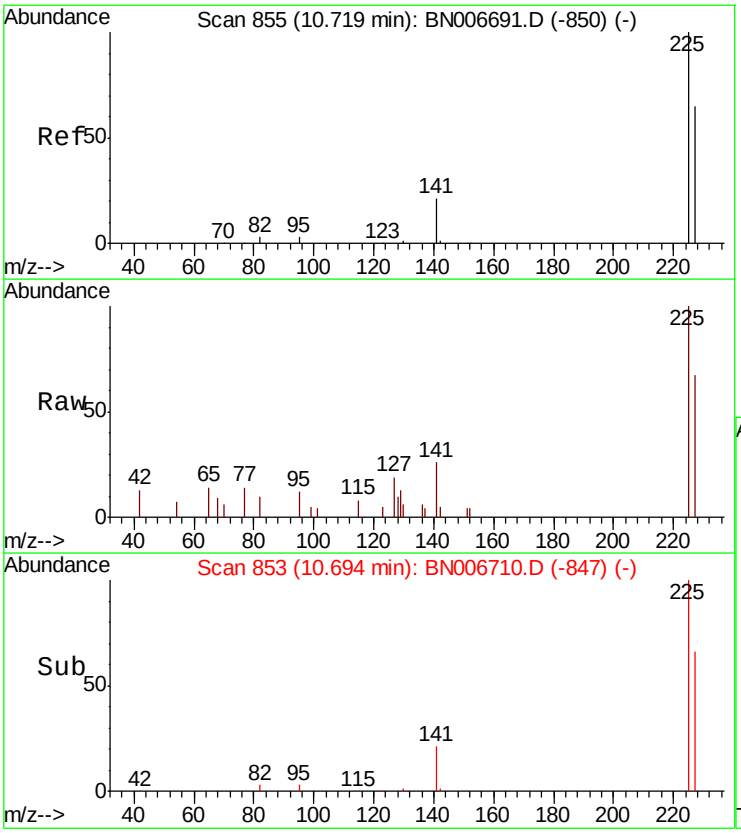
#9
Naphthalene
Concen: 0.389 ng
RT: 10.41 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 11782

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.6	14.4
127	13.9	11.0	16.4

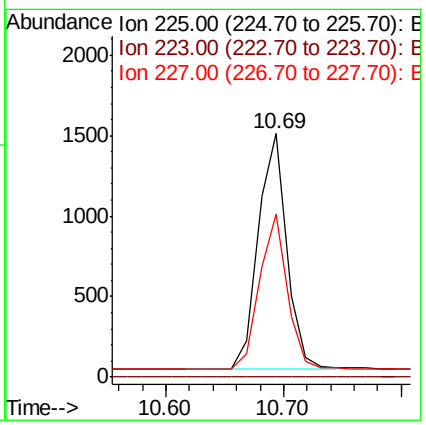


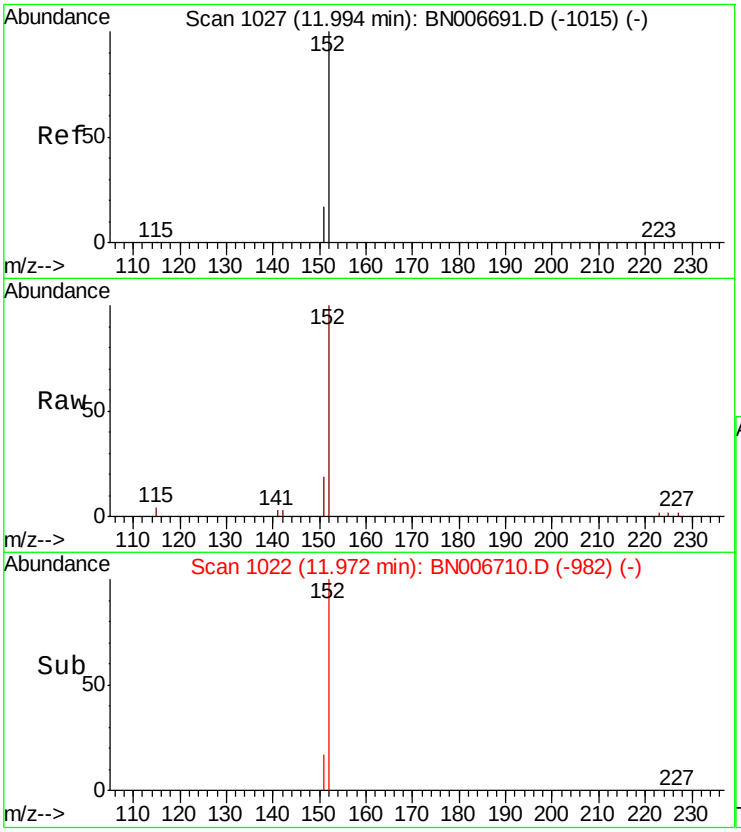


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:225 Resp: 2495

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.9	76.3



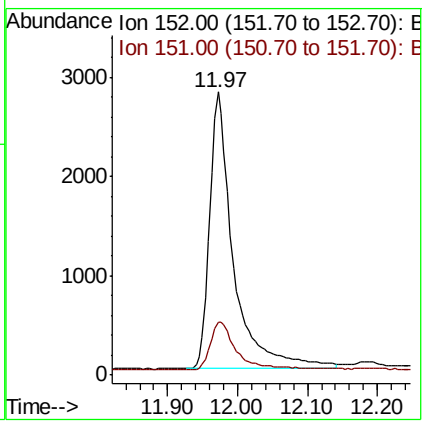


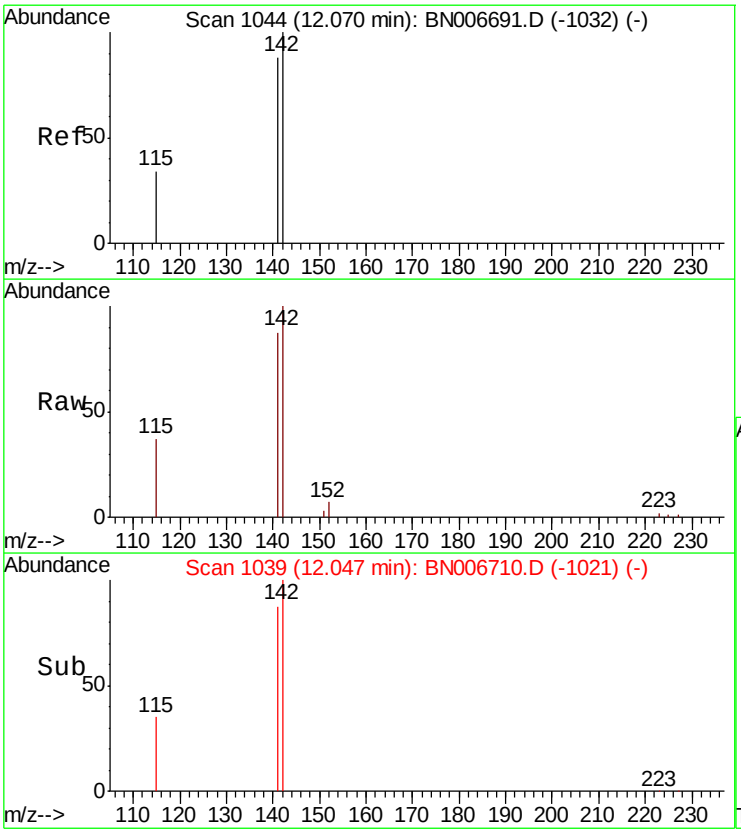
#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 11.97 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6602

Ion	Ratio	Lower	Upper
152	100		
151	19.2	14.9	22.3

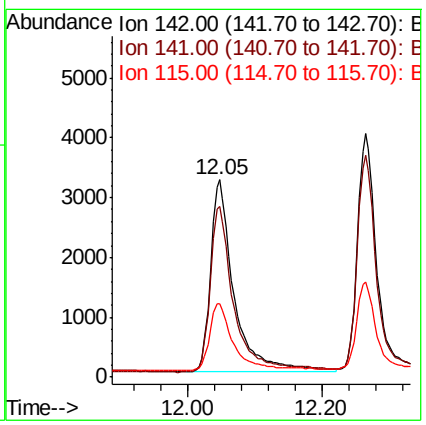


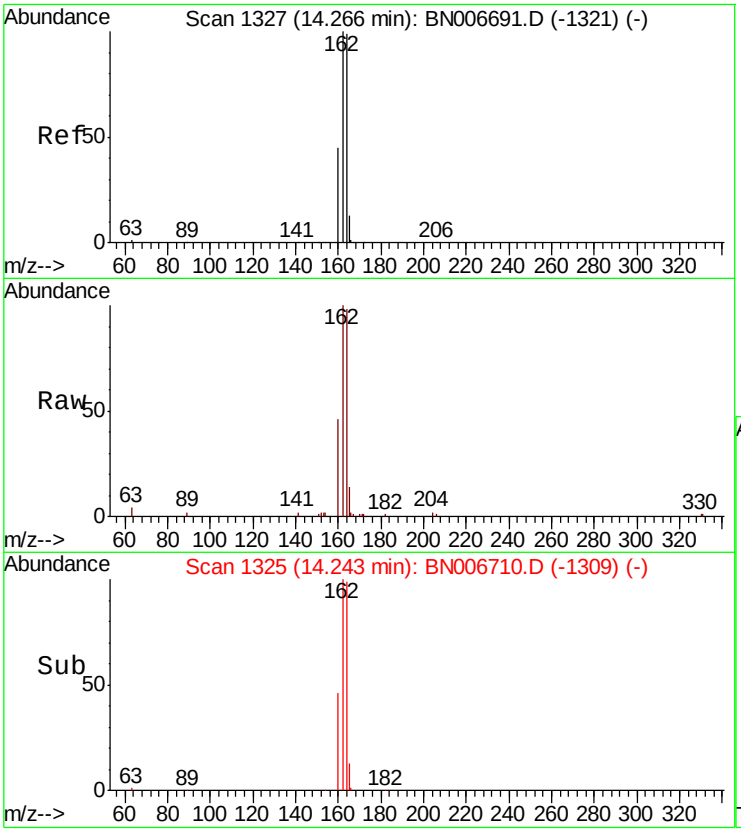


#12
2-Methylnaphthalene
Concen: 0.361 ng
RT: 12.05 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:142 Resp: 7770

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.3	105.5
115	37.2	28.9	43.3



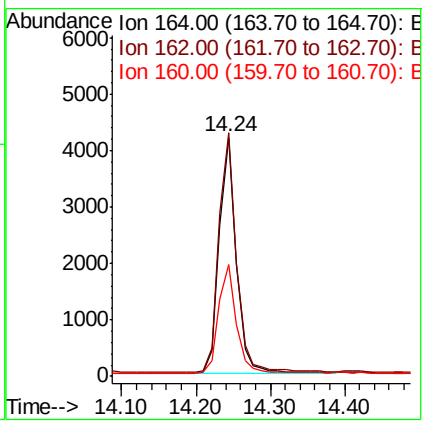


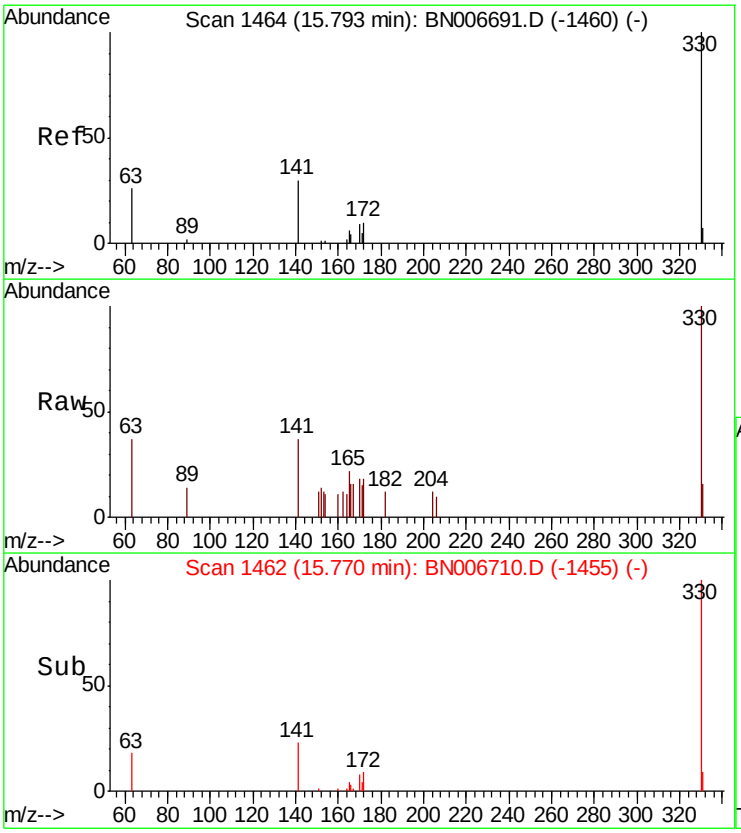
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 6654

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.8	121.2
160	47.1	37.0	55.6

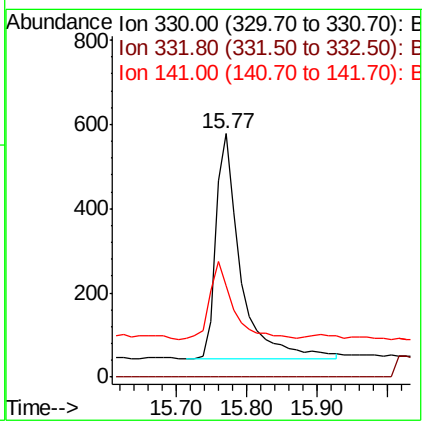


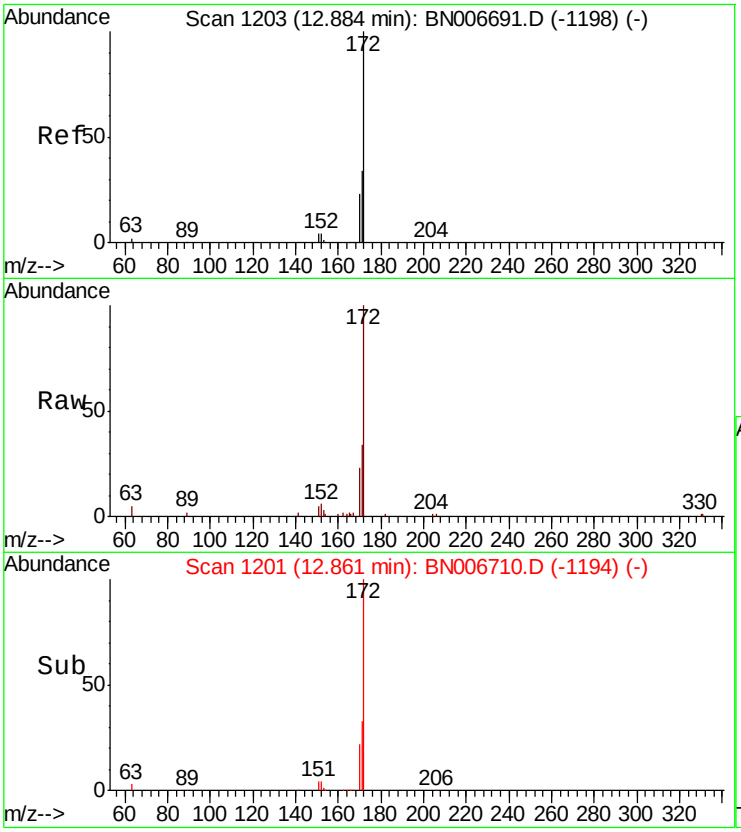


#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:330 Resp: 1307

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.8	24.8	37.2



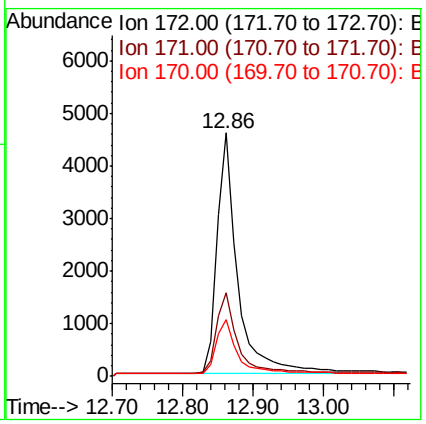


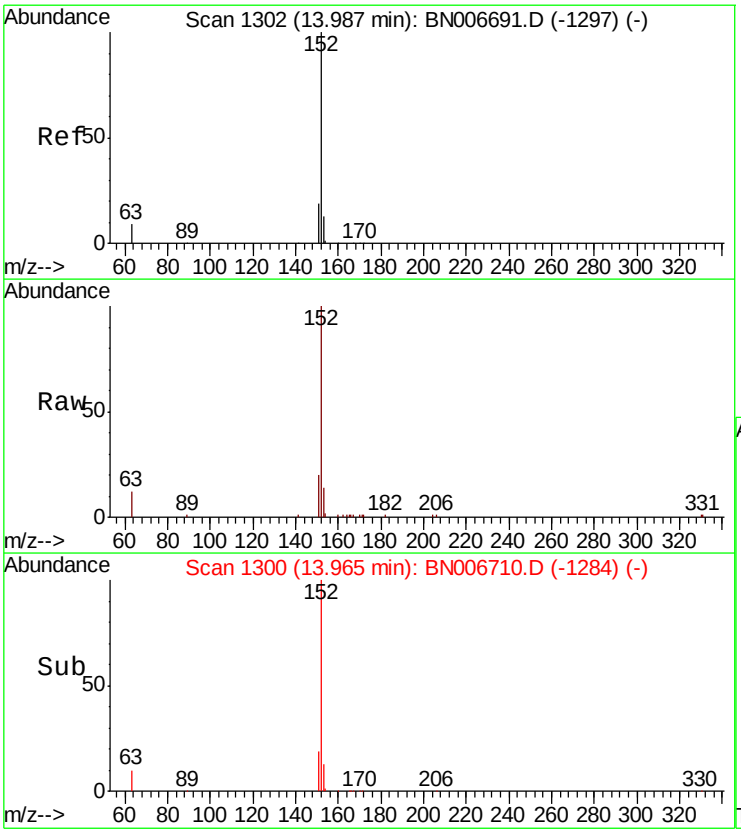
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9502

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	23.3	18.9	28.3

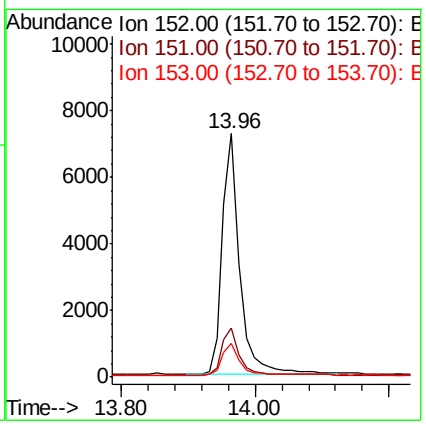


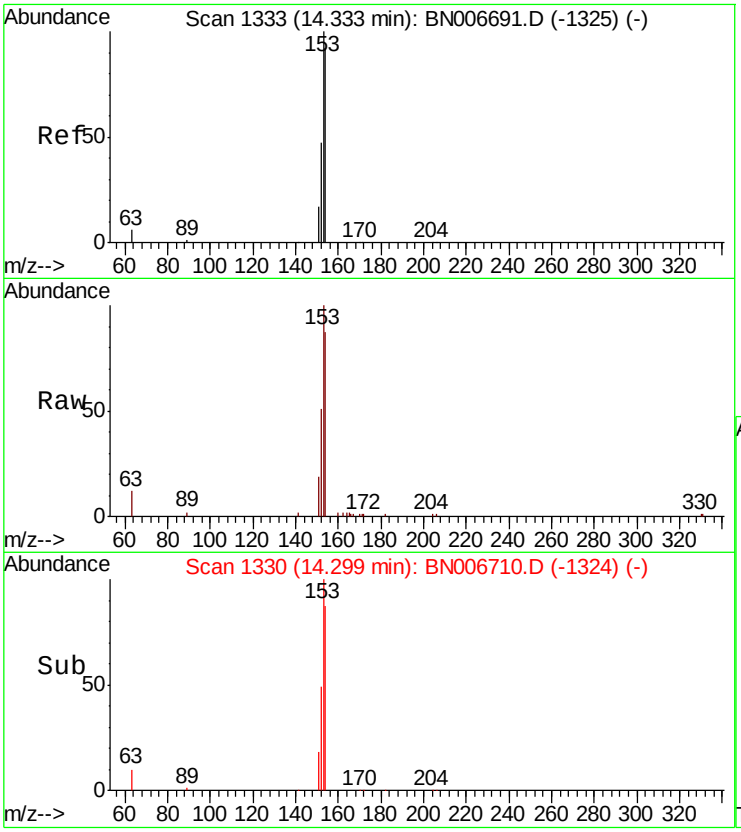


#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:152 Resp: 13048

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.1	10.6	15.8



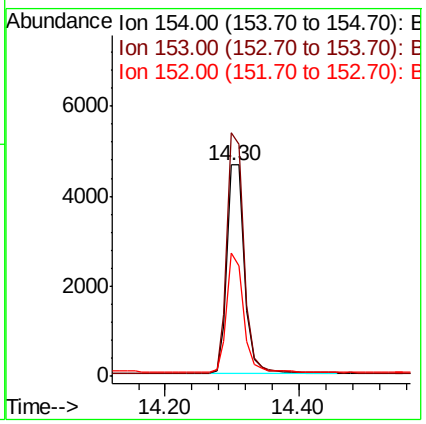


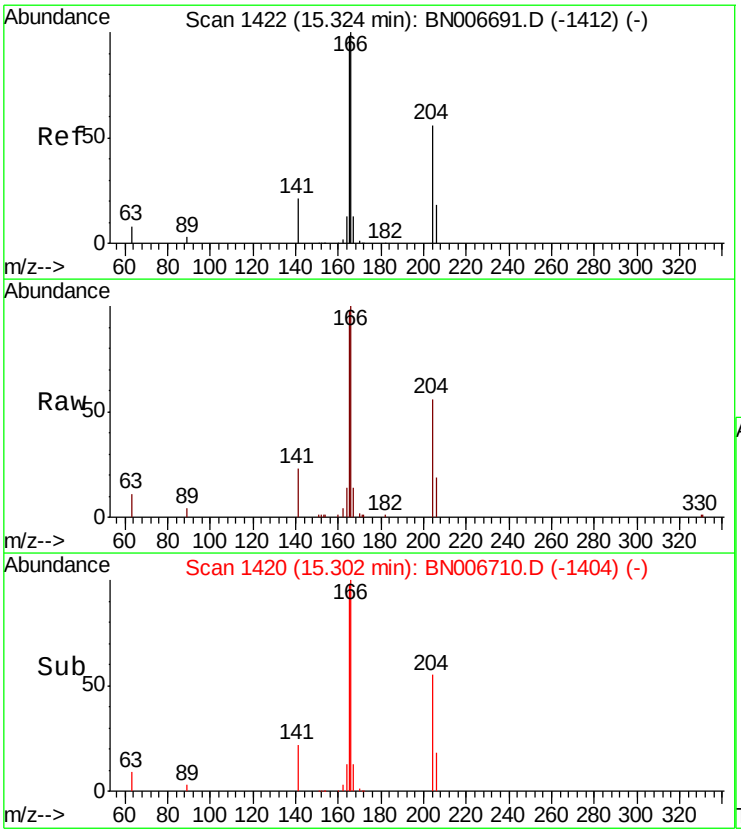
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8310

Ion	Ratio	Lower	Upper
154	100		
153	114.2	88.9	133.3
152	54.6	42.8	64.2

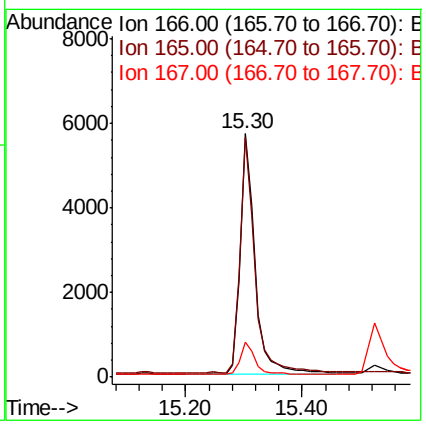


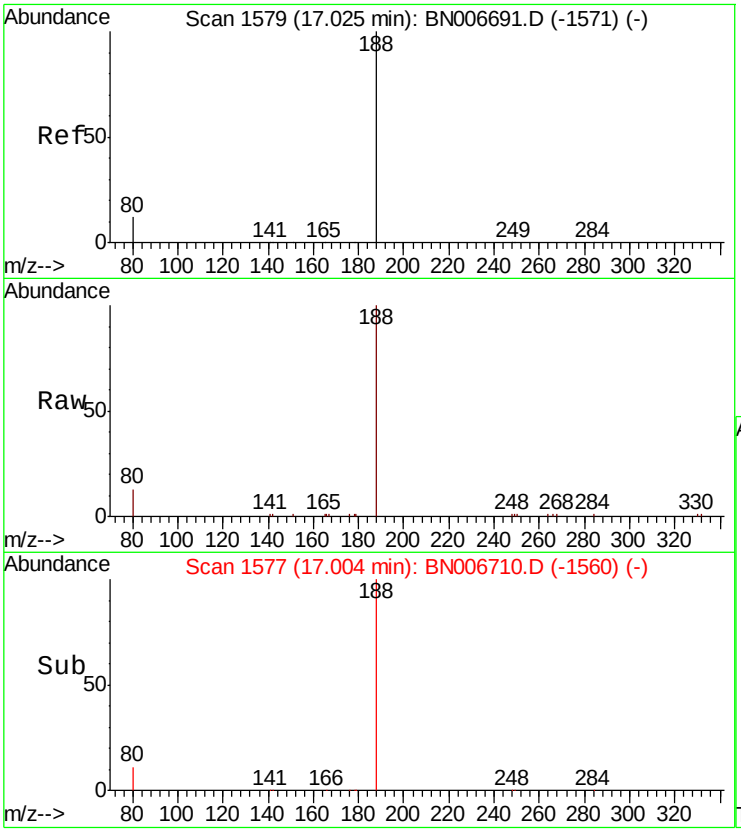


#18
Fluorene
Concen: 0.392 ng
RT: 15.30 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:166 Resp: 10302

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.0	117.0
167	13.5	10.7	16.1



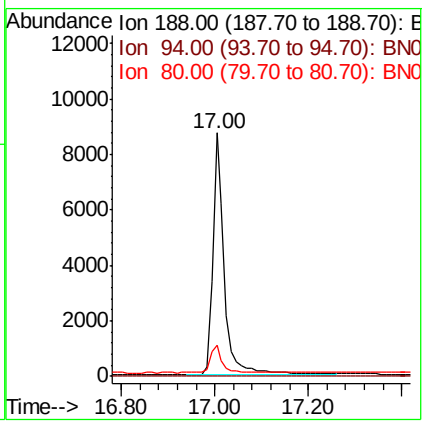


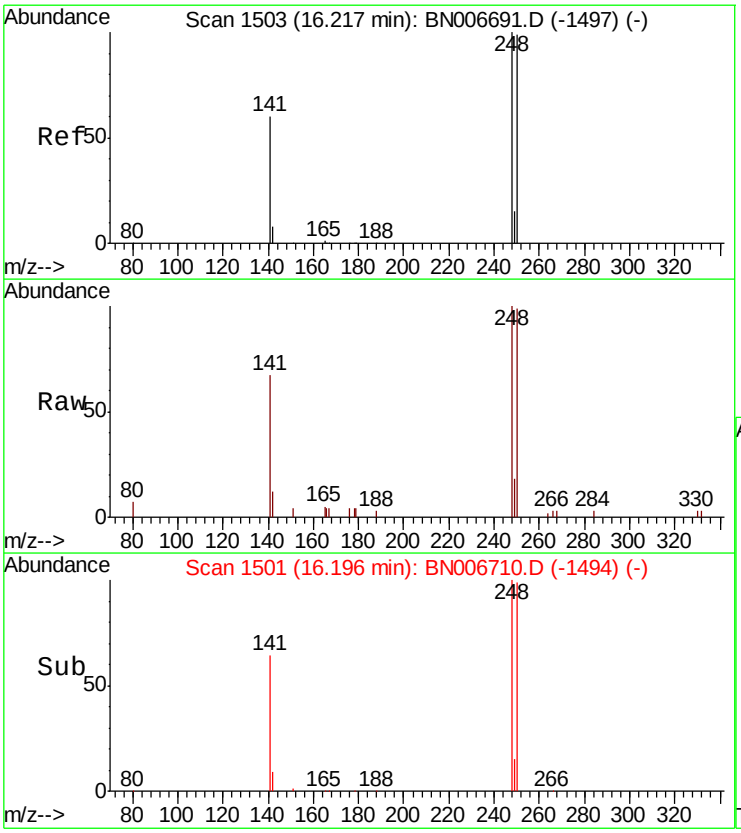
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 15370

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	10.3	15.5

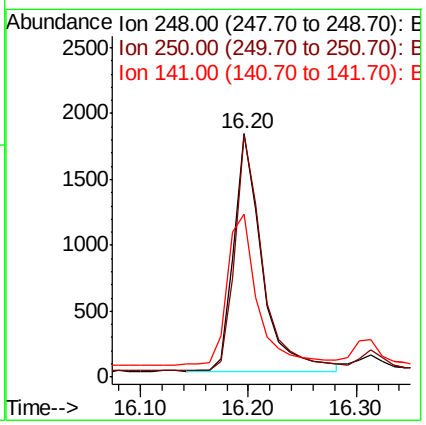


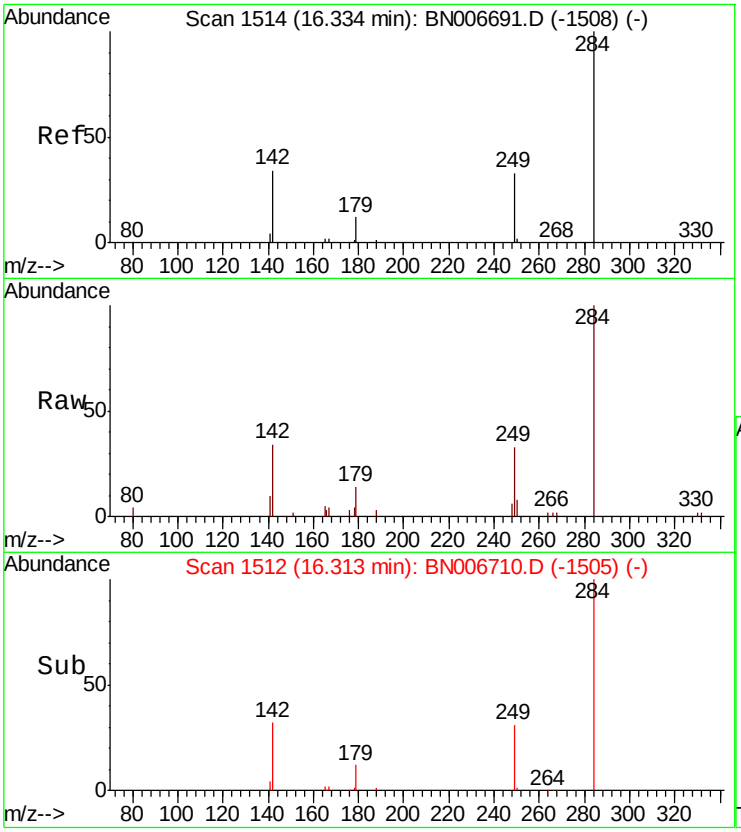


#20
4-Bromophenyl-phenylether
Concen: 0.361 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:248 Resp: 3268

Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.0	118.6
141	67.0	50.2	75.4



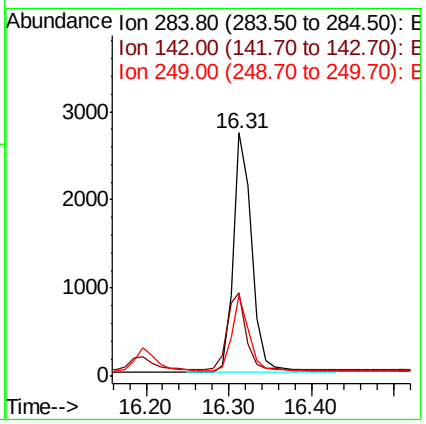


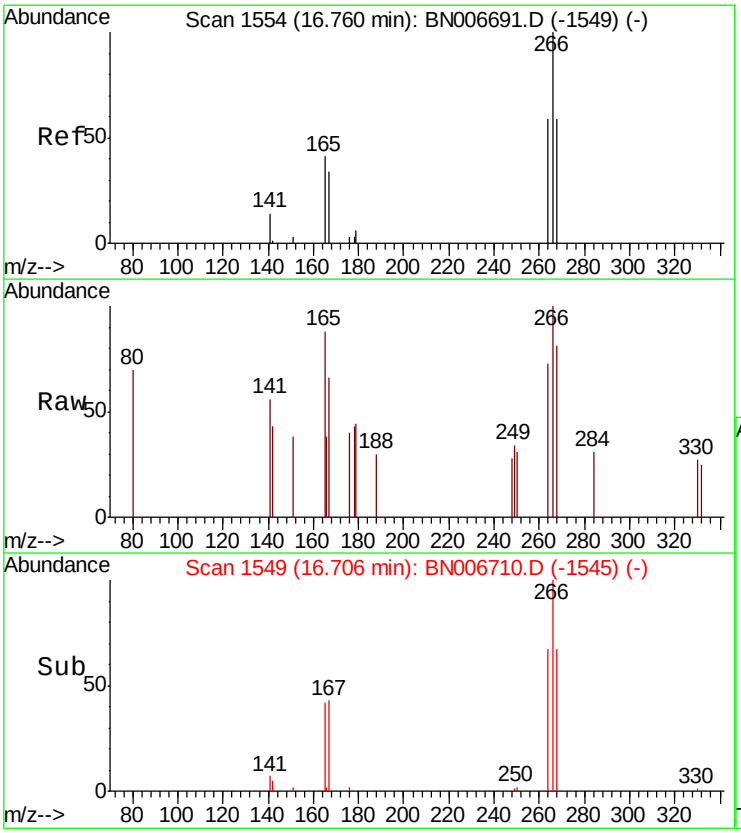
#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4260

Ion	Ratio	Lower	Upper
284	100		
142	32.8	26.9	40.3
249	29.6	24.4	36.6

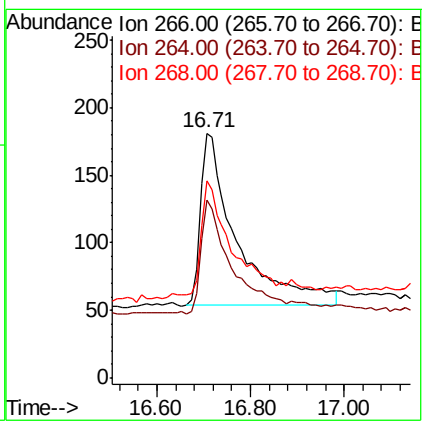


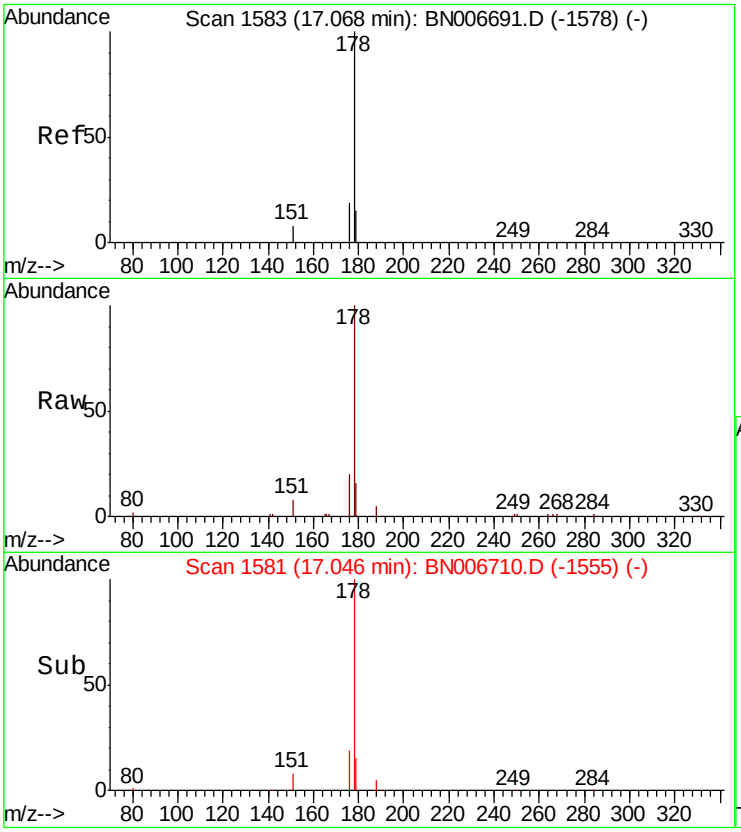


#22
Pentachlorophenol
Concen: 0.565 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:266 Resp: 681

Ion	Ratio	Lower	Upper
266	100		
264	72.9	57.6	86.4
268	80.7	66.6	99.8



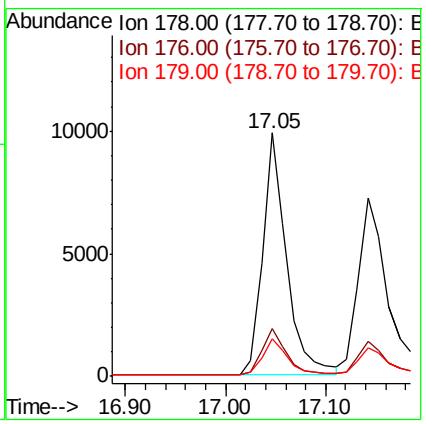


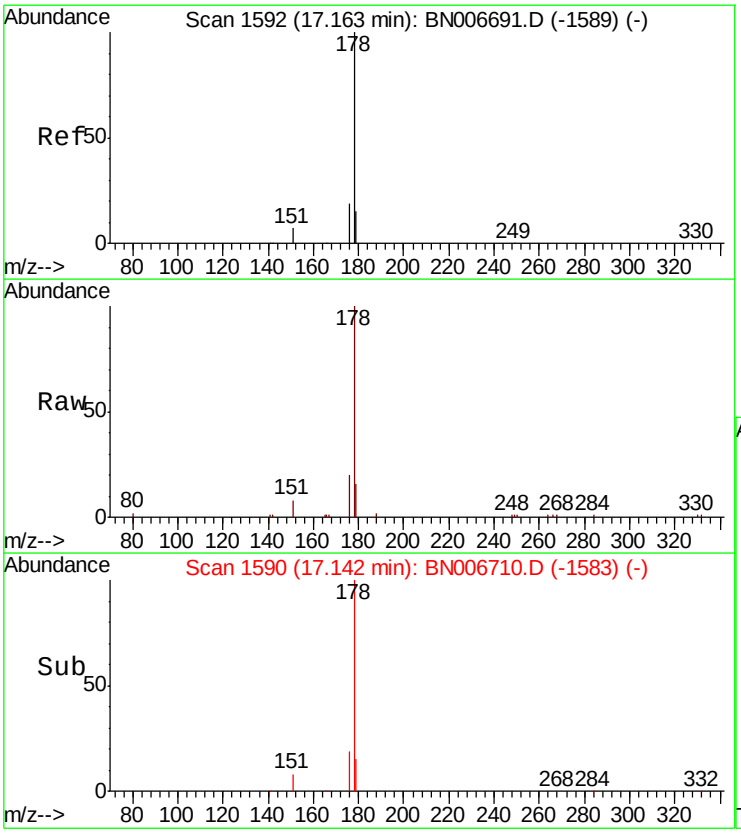
#23
Phenanthrene
Concen: 0.366 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 16234

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.4	18.6

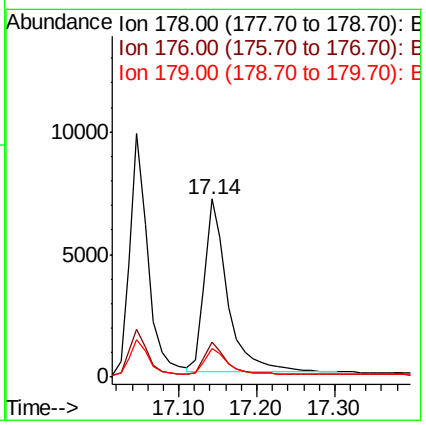


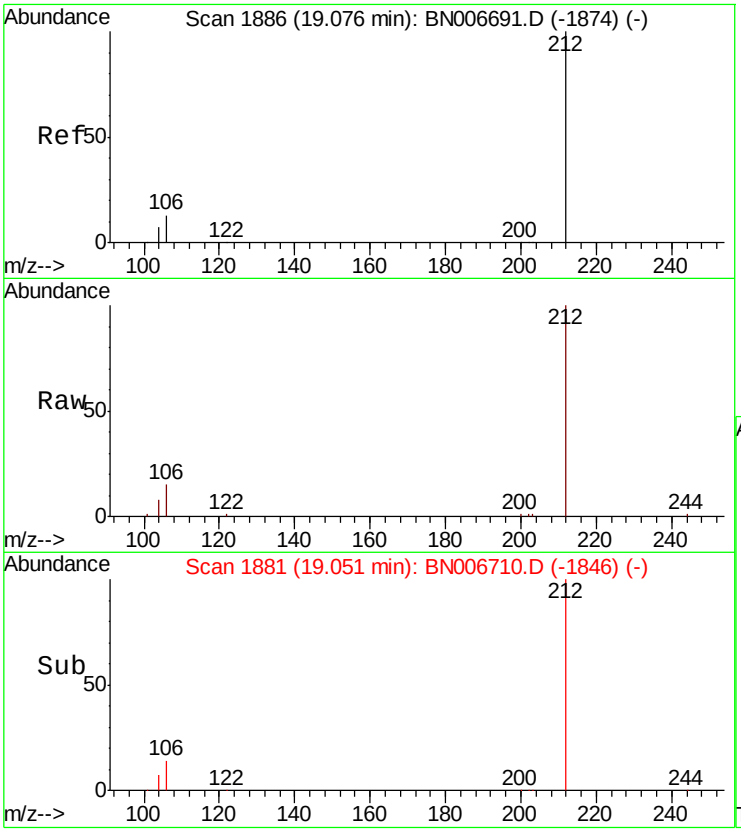


#24
Anthracene
Concen: 0.360 ng
RT: 17.14 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:178 Resp: 14411

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	14.9	11.9	17.9



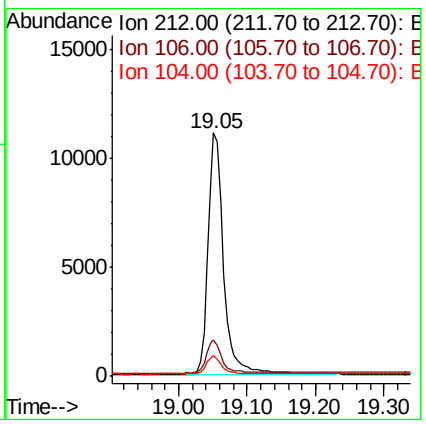


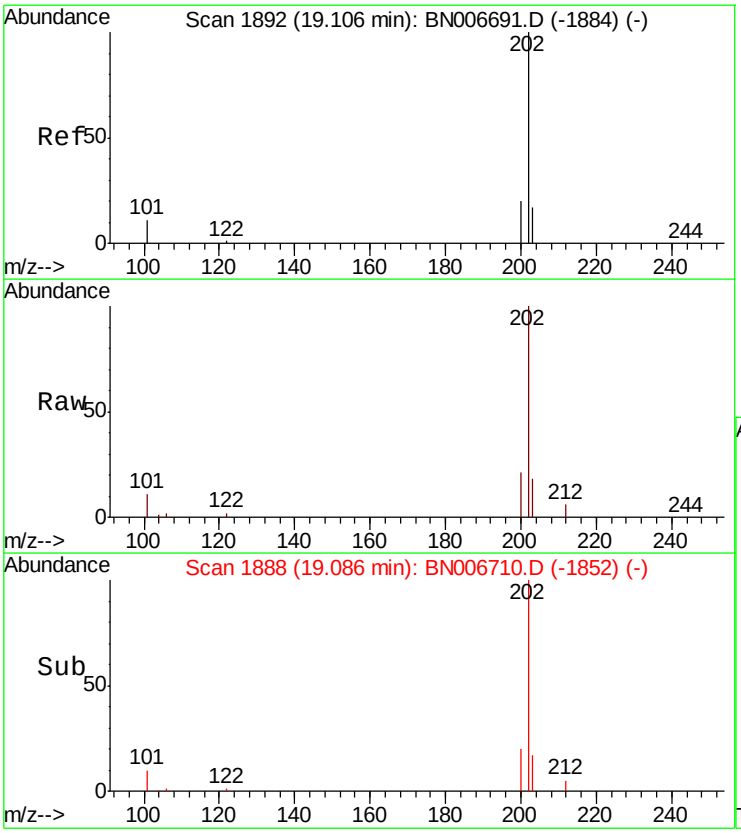
#25
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.05 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 18036

Ion	Ratio	Lower	Upper
212	100		
106	13.4	11.0	16.6
104	7.2	6.1	9.1

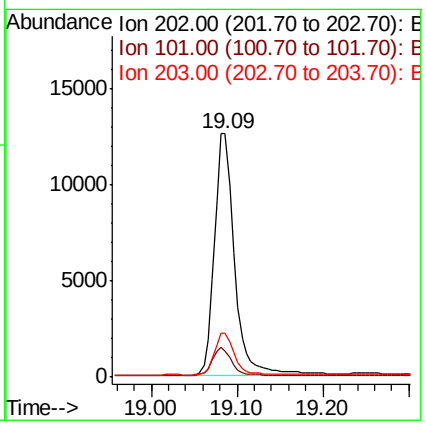


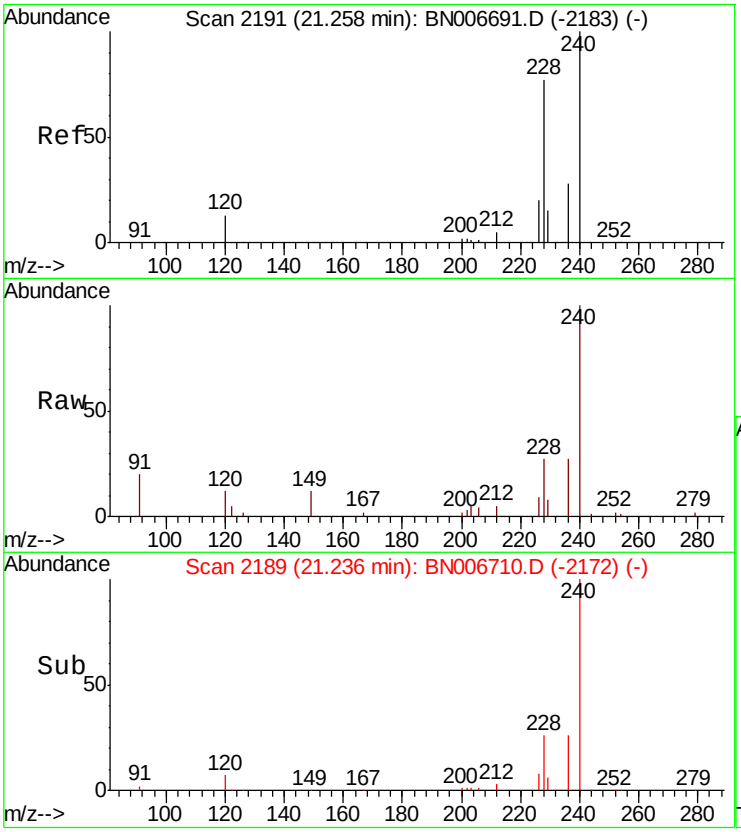


#26
Fluoranthene
Concen: 0.398 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:202 Resp: 20712

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.7	13.1
203	17.1	13.8	20.6



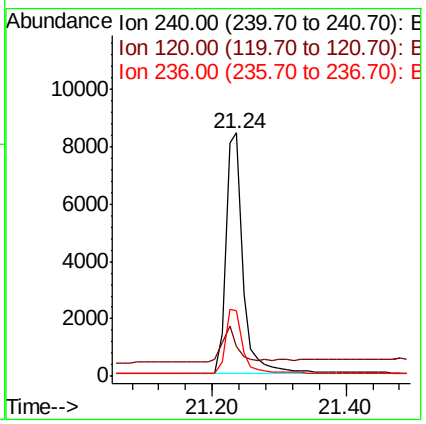


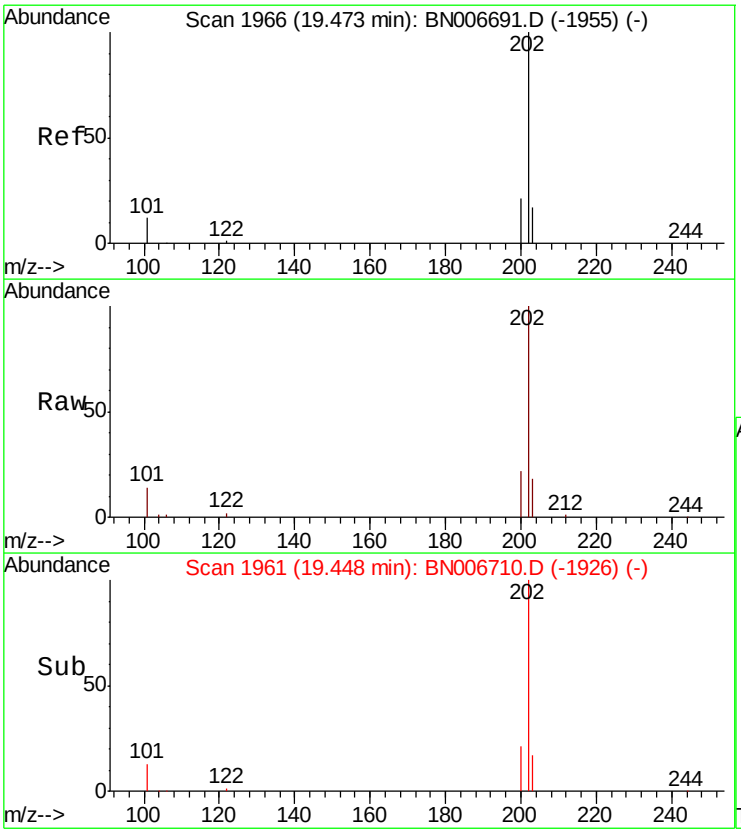
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 15035

Ion	Ratio	Lower	Upper
240	100		
120	12.4	12.9	19.3#
236	27.1	23.2	34.8

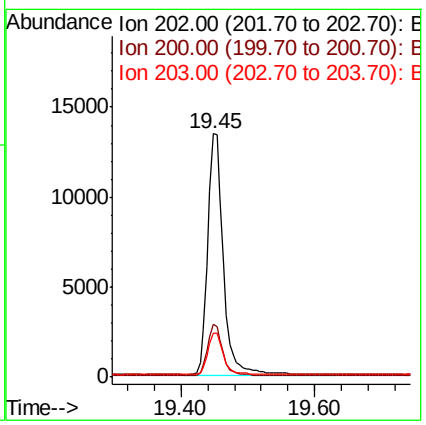


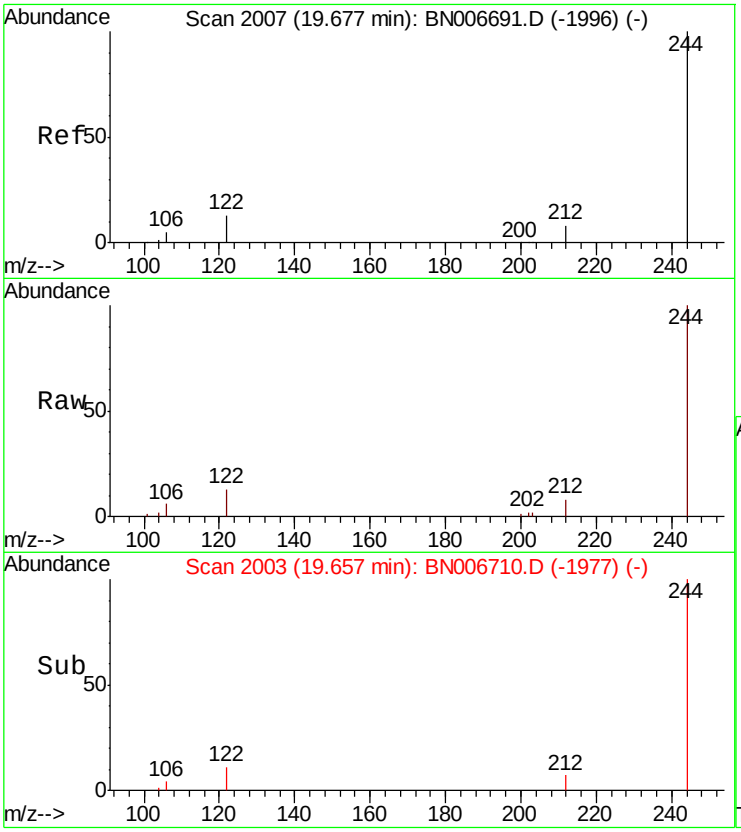


#28
Pyrene
Concen: 0.360 ng
RT: 19.45 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:202 Resp: 21660

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.6	14.2	21.2



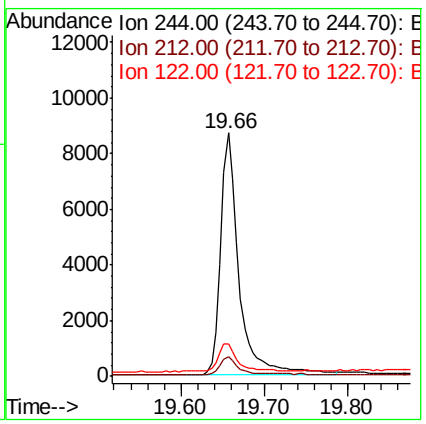


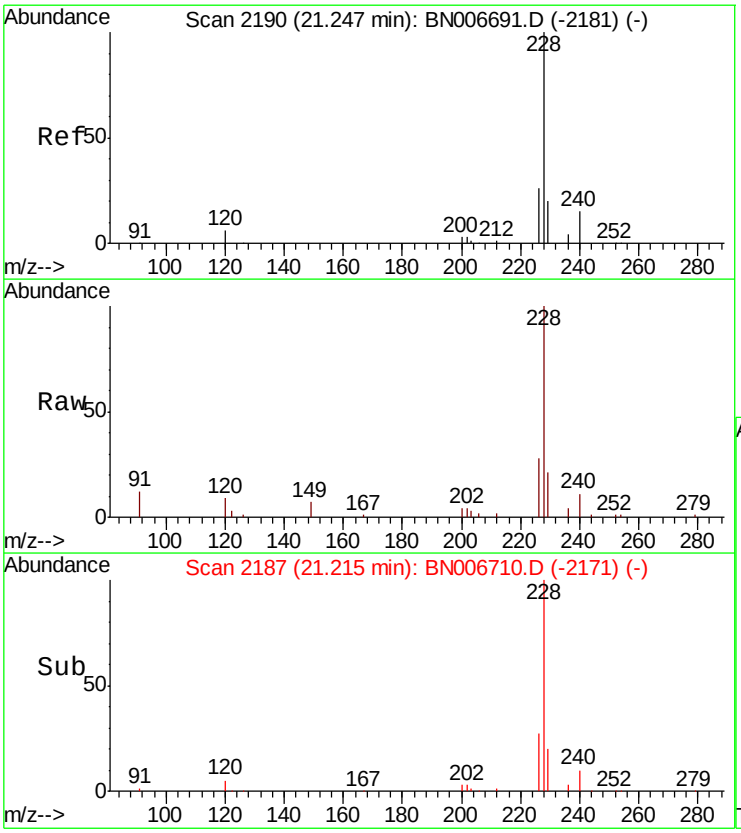
#29
Terphenyl-d14
Concen: 0.383 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 13250

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	13.3	11.5	17.3

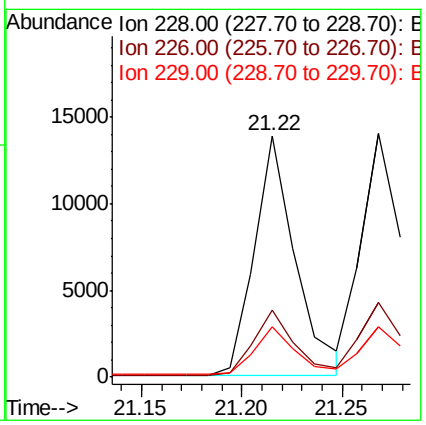


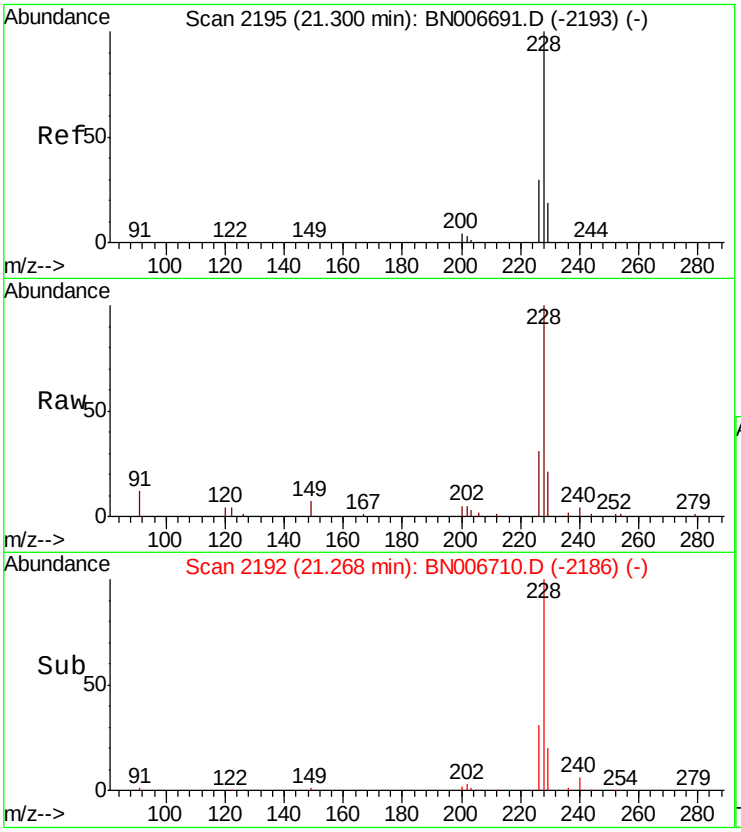


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.03 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:228 Resp: 19782

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.5	32.3
229	20.7	16.2	24.4



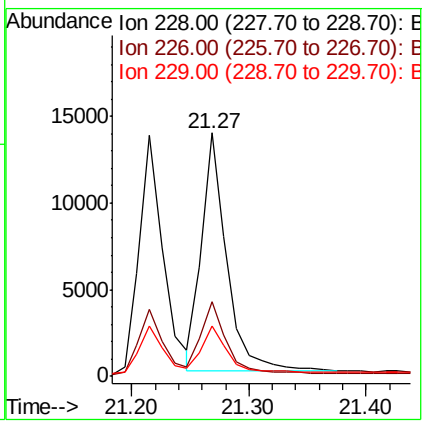


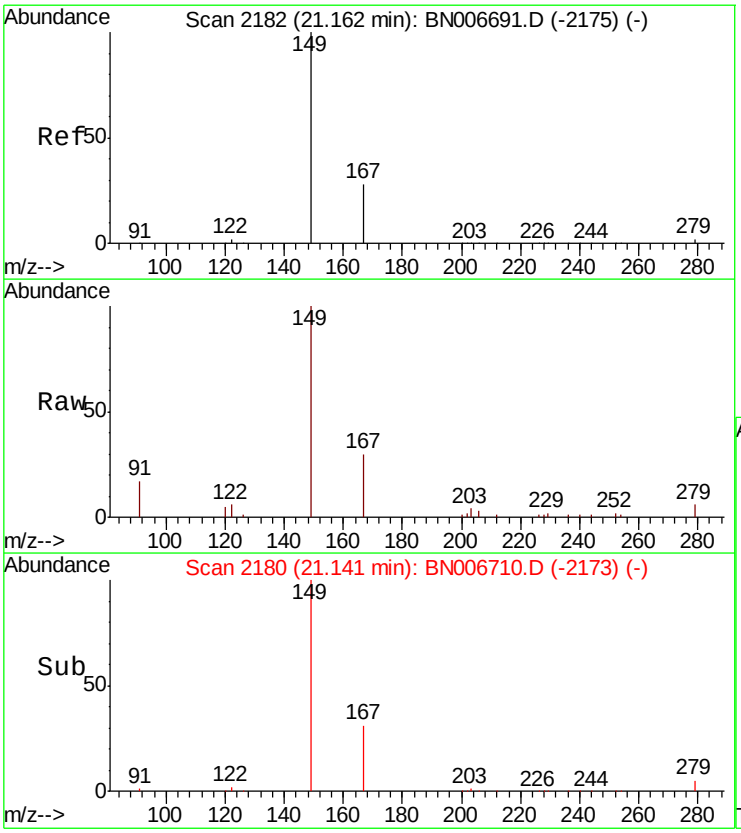
#31
Chrysene
Concen: 0.384 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 20533

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	20.7	15.8	23.6

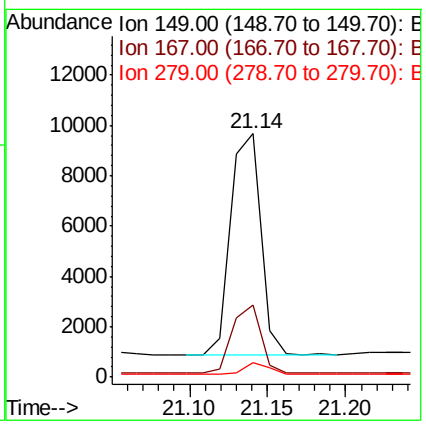


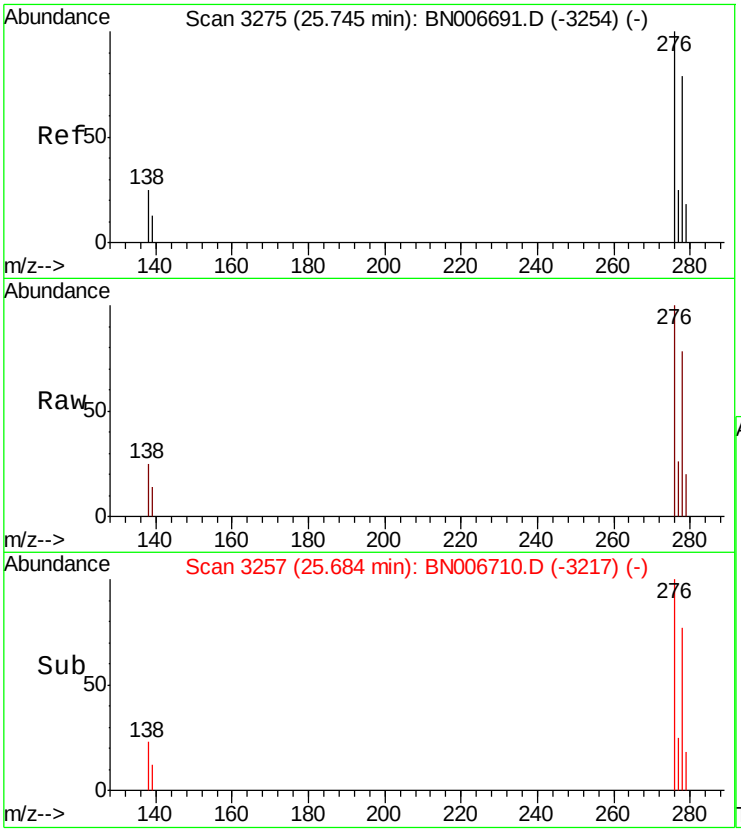


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 21.14 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:149 Resp: 11810

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.9	34.3
279	4.8	3.2	4.8#



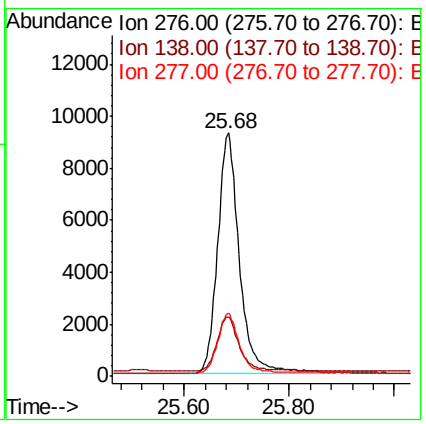


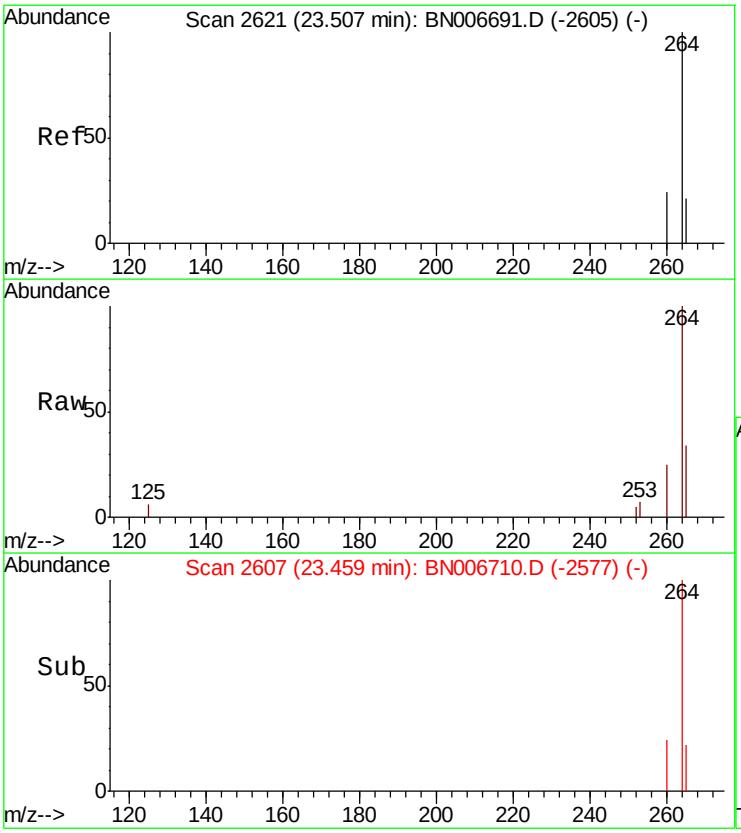
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng
RT: 25.68 min Scan# 3257
Delta R.T. -0.06 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 27018

Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.5	29.3
277	24.5	19.7	29.5

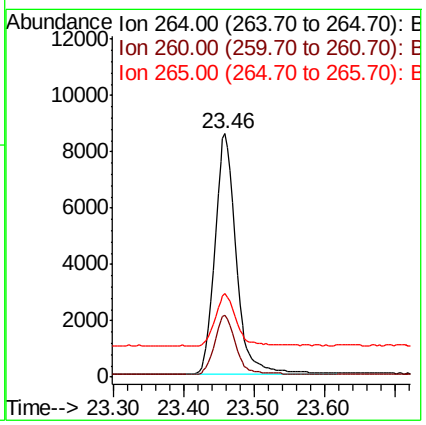


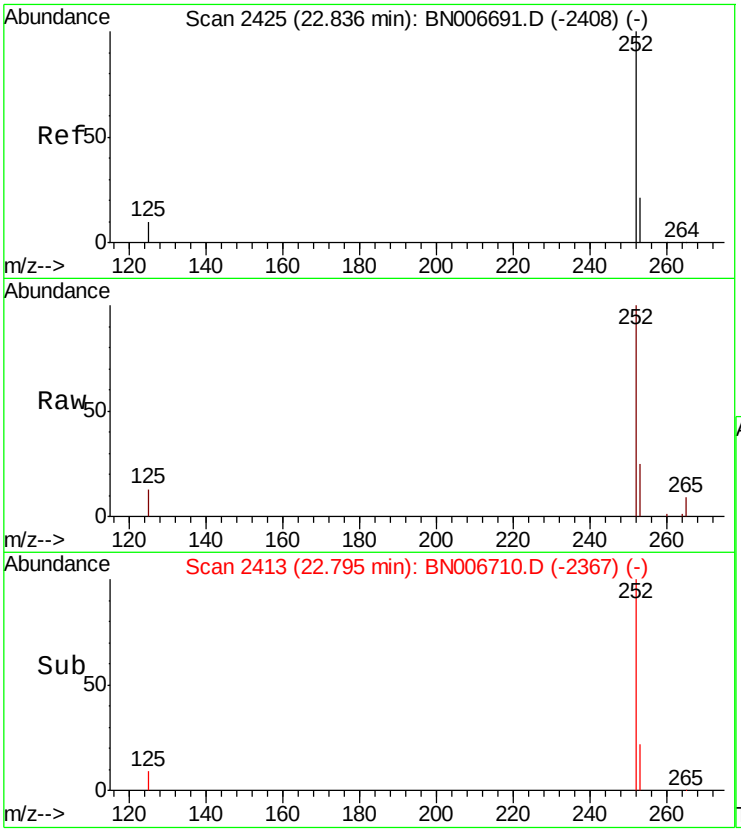


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2607
Delta R.T. -0.05 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:264 Resp: 17983

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	34.3	33.7	50.5



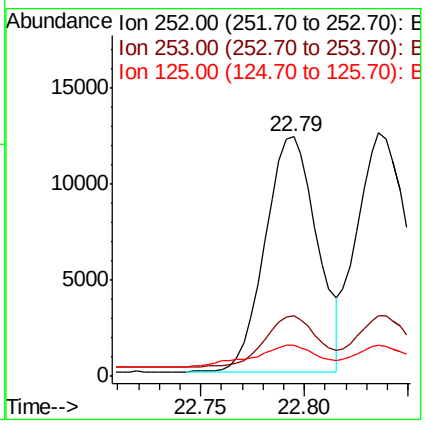


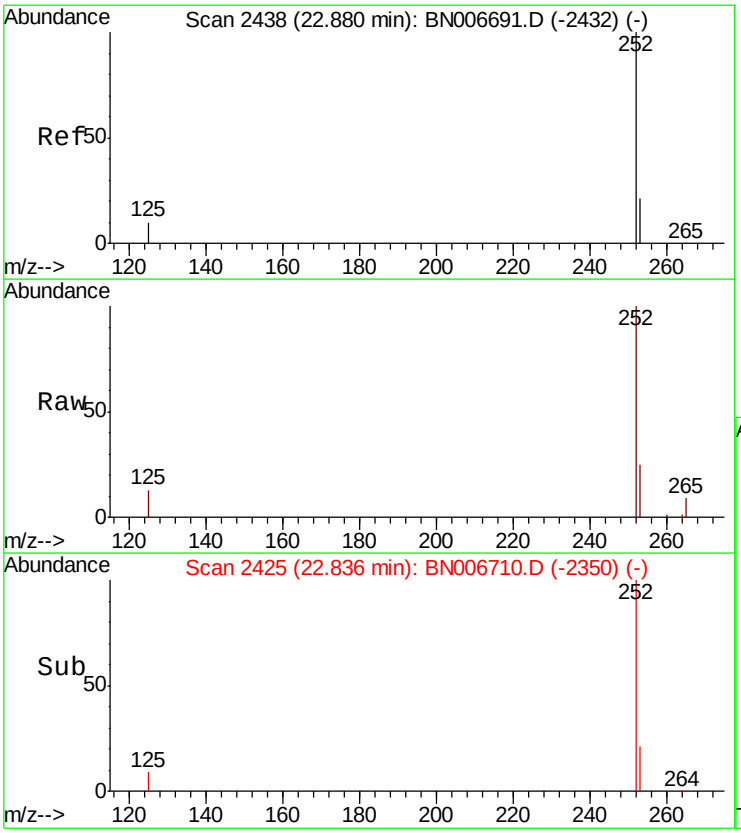
#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 22.79 min Scan# 2413
Delta R.T. -0.04 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 21226

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.2	30.2
125	12.9	11.5	17.3

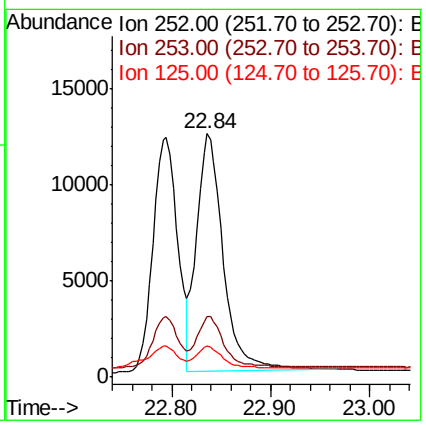


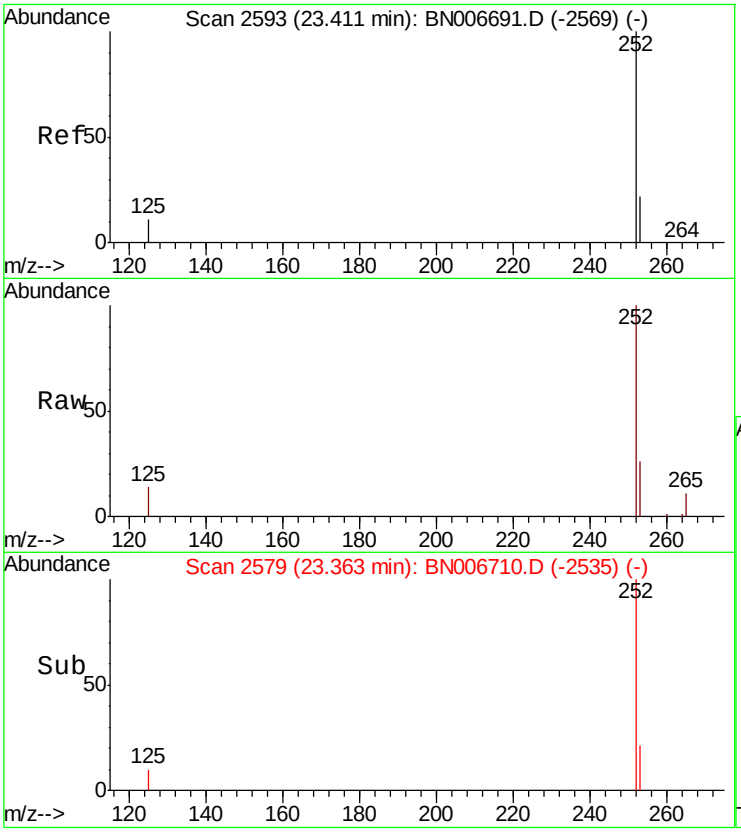


#36
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 22.84 min Scan# 2425
Delta R.T. -0.04 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:252 Resp: 23175

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.1	30.1
125	12.8	11.4	17.0



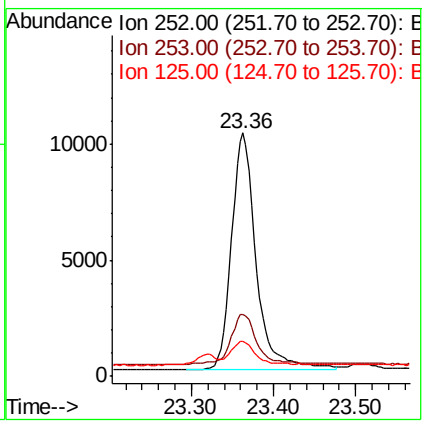


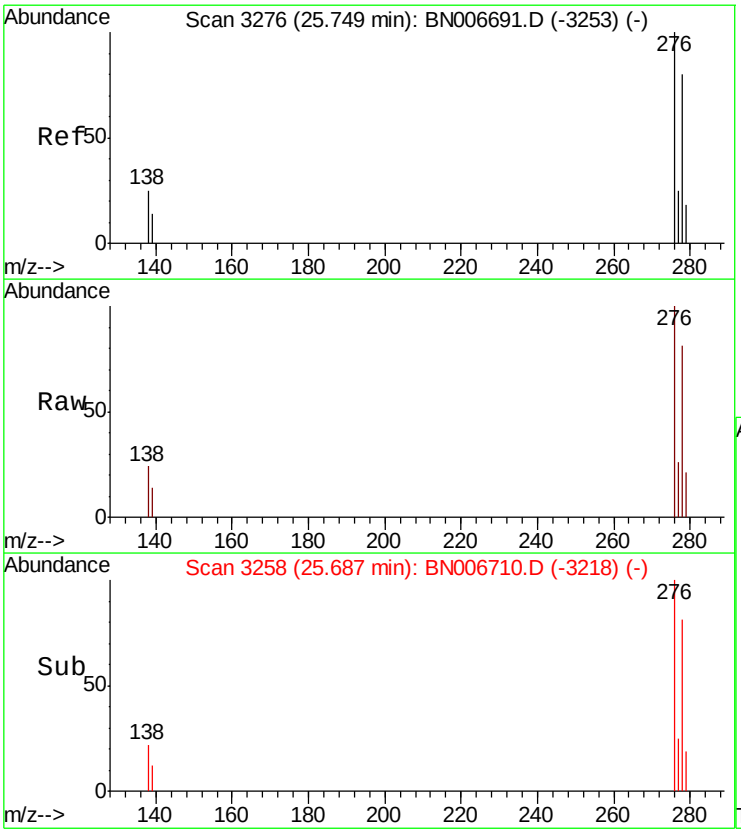
#37
Benzo(a)pyrene
Concen: 0.381 ng
RT: 23.36 min Scan# 2579
Delta R.T. -0.05 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 21279

Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.4	32.2
125	14.4	13.3	19.9

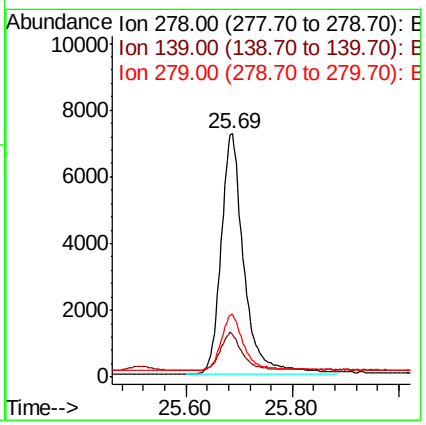


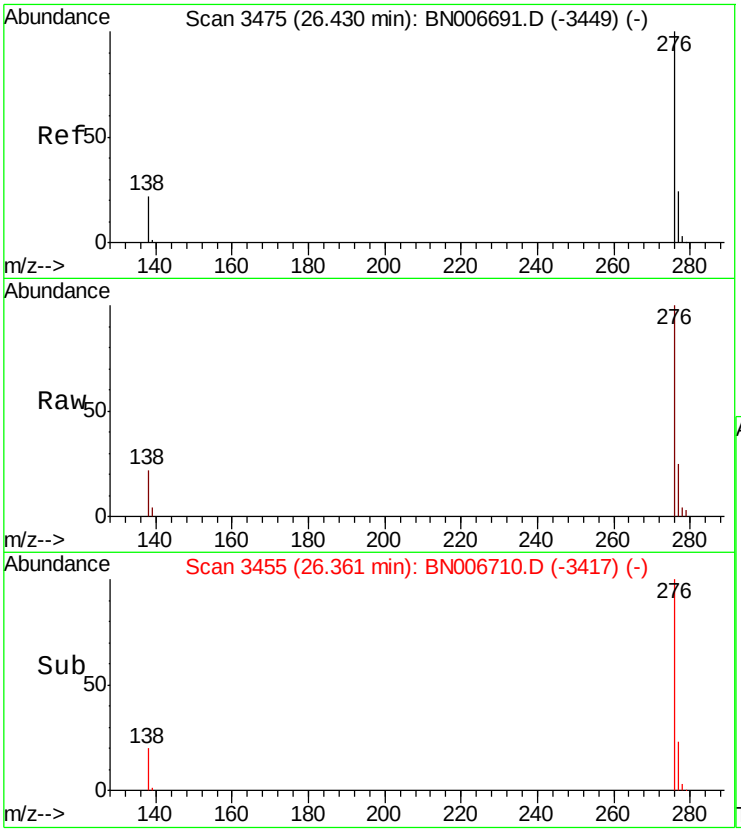


#38
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 25.69 min Scan# 3258
Delta R.T. -0.06 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:278 Resp: 21612

Ion	Ratio	Lower	Upper
278	100		
139	17.7	16.2	24.4
279	25.7	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 26.36 min Scan# 3455
Delta R.T. -0.07 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22301

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.6	30.8
138	22.5	19.7	29.5