Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006705.D
Acq On : 05 Jul 2019 09:03
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 05 22:53:52 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	7.59	152	2676	0.40	ng		-0.03
7) Naphthalene-d8	10.36	136	10739	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	6734	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	16222	0.40	ng		-0.02
27) Chrysene-d12	21.24	240	16354	0.40	ng		-0.02
34) Perylene-d12	23.47	264	19285	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	2636	0.36	ng		-0.02
5) Phenol-d6	6.81	99	3366	0.37	ng		-0.02
8) Nitrobenzene-d5	8.77	82	2920	0.35	ng		-0.03
11) 2-Methylnaphthalene-d10	11.97	152	6554	0.41	ng		-0.02
14) 2,4,6-Tribromophenol	15.77	330	1418	0.43	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	9412	0.36	ng		-0.02
25) Fluoranthene-d10	19.06	212	19432	0.42	ng		-0.02
29) Terphenyl-d14	19.66	244	14358	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1785	0.427	ng		99
3) n-Nitrosodimethylamine	3.47	42	1193	0.378	ng	#	85
6) bis(2-Chloroethyl)ether	7.03	93	3467	0.446	ng	#	83
9) Naphthalene	10.41	128	11566	0.394	ng		99
10) Hexachlorobutadiene	10.69	225	2446	0.411	ng	#	99
12) 2-Methylnaphthalene	12.05	142	7669	0.367	ng		98
16) Acenaphthylene	13.96	152	12847	0.383	ng		99
17) Acenaphthene	14.31	154	8287	0.387	ng		97
18) Fluorene	15.30	166	10635	0.400	ng		100
20) 4-Bromophenyl-phenylether	16.20	248	3510	0.367	ng		98
21) Hexachlorobenzene	16.31	284	4474	0.393	ng		99
22) Pentachlorophenol	16.72	266	689	0.547	ng		94
23) Phenanthrene	17.05	178	17324	0.371	ng		100
24) Anthracene	17.14	178	15511	0.367	ng		100
26) Fluoranthene	19.09	202	22414	0.408	ng		100
28) Pyrene	19.45	202	23428	0.358	ng		99
30) Benzo(a)anthracene	21.22	228	20921	0.371	ng		98
31) Chrysene	21.28	228	22211	0.382	ng		97
32) Bis(2-ethylhexyl)phthalate	21.14	149	14070	0.084	ng		99
33) Indeno(1,2,3-cd)pyrene	25.69	276	28911	0.416	ng		98
35) Benzo(b)fluoranthene	22.80	252	22648	0.366	ng		99
36) Benzo(k)fluoranthene	22.85	252	25508	0.380	ng		99
37) Benzo(a)pyrene	23.37	252	22747	0.379	ng		99
38) Dibenzo(a,h)anthracene	25.69	278	22852	0.384	ng		98
39) Benzo(g,h,i)perylene	26.37	276	24023	0.392	ng		99

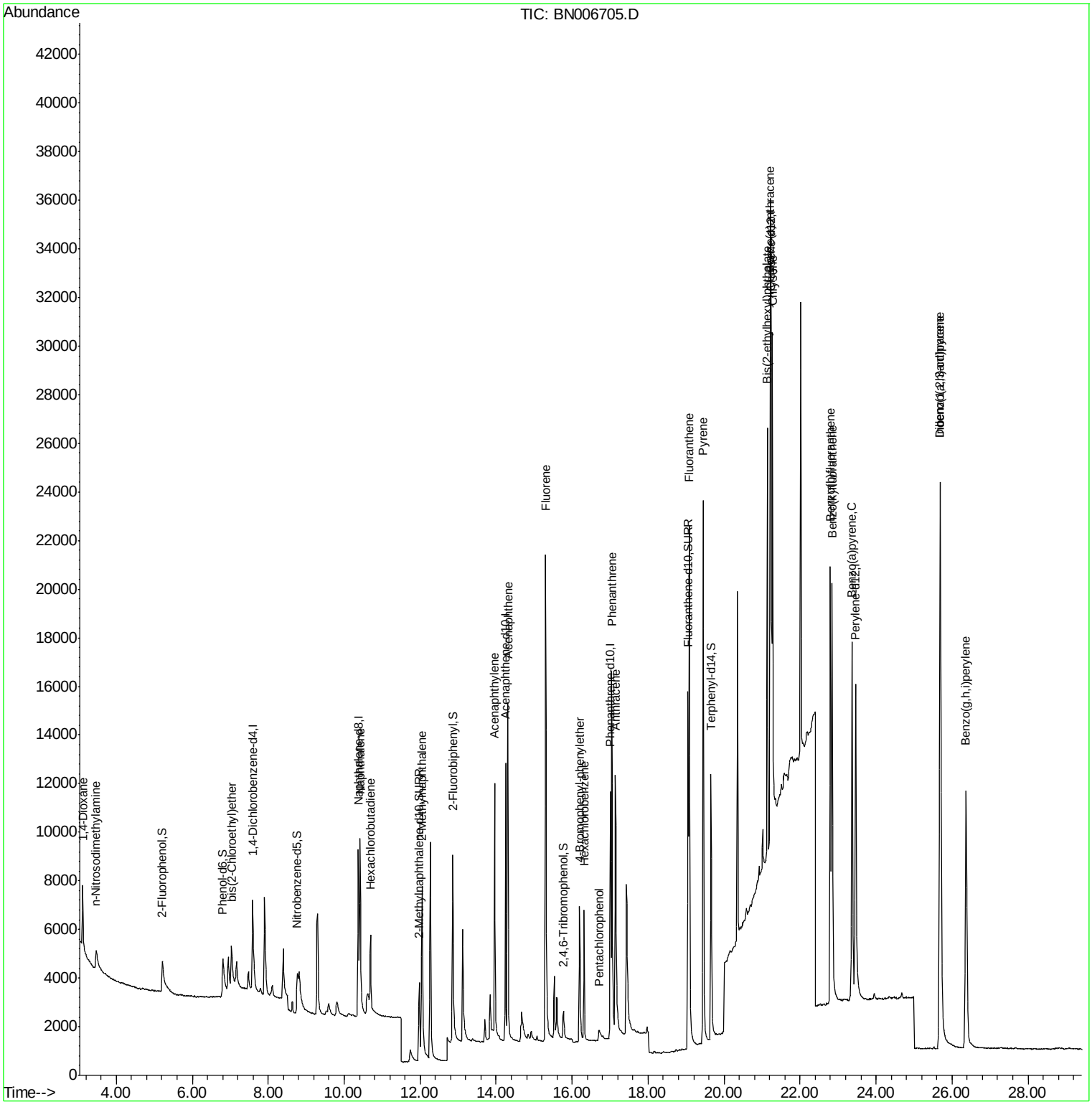
(#) = qualifier out of range (m) = manual integration (+) = signals summed

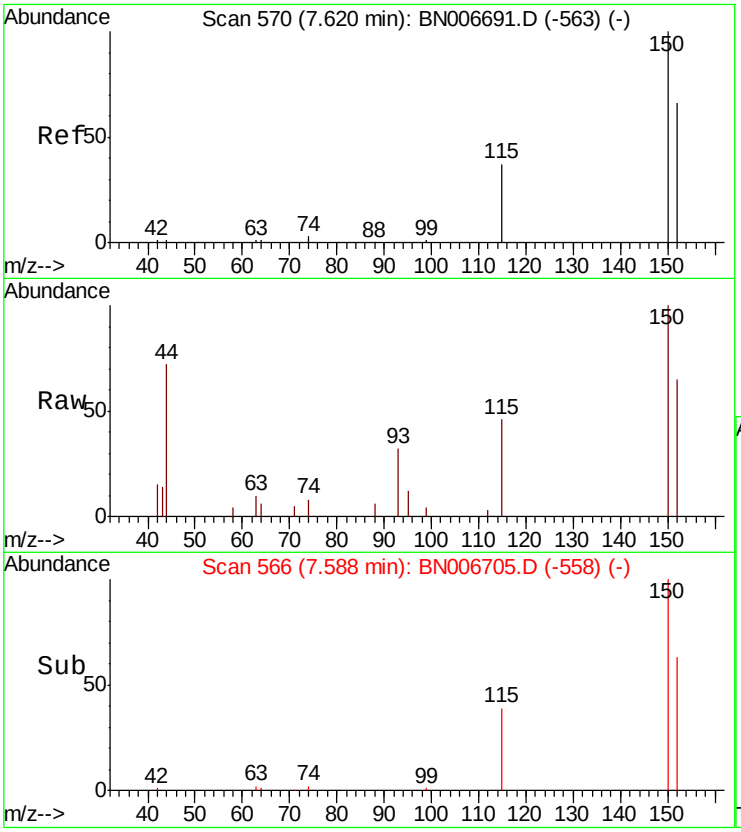
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006705.D
Acq On : 05 Jul 2019 09:03
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 05 22:53:52 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



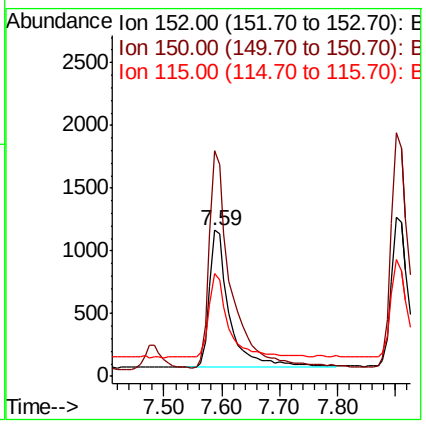


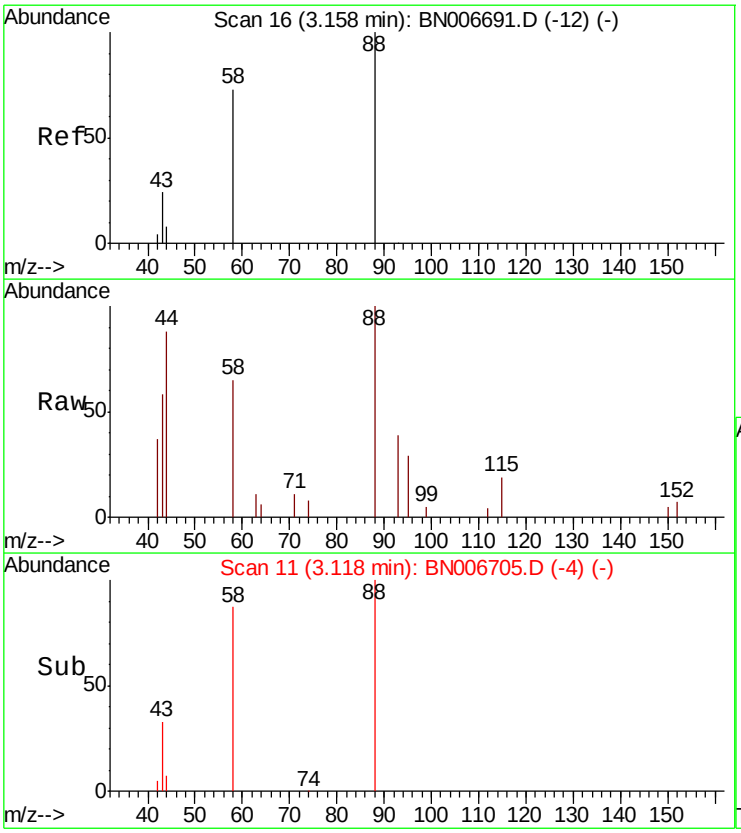
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2676

Ion	Ratio	Lower	Upper
152	100		
150	154.5	120.6	181.0
115	70.4	51.0	76.6

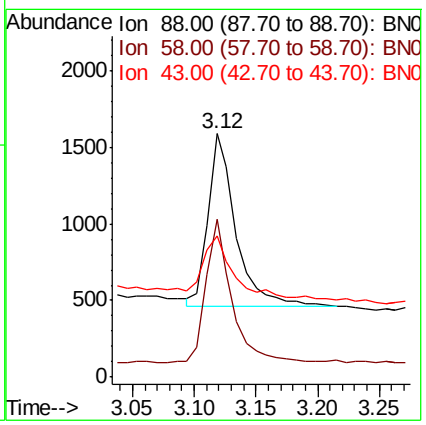


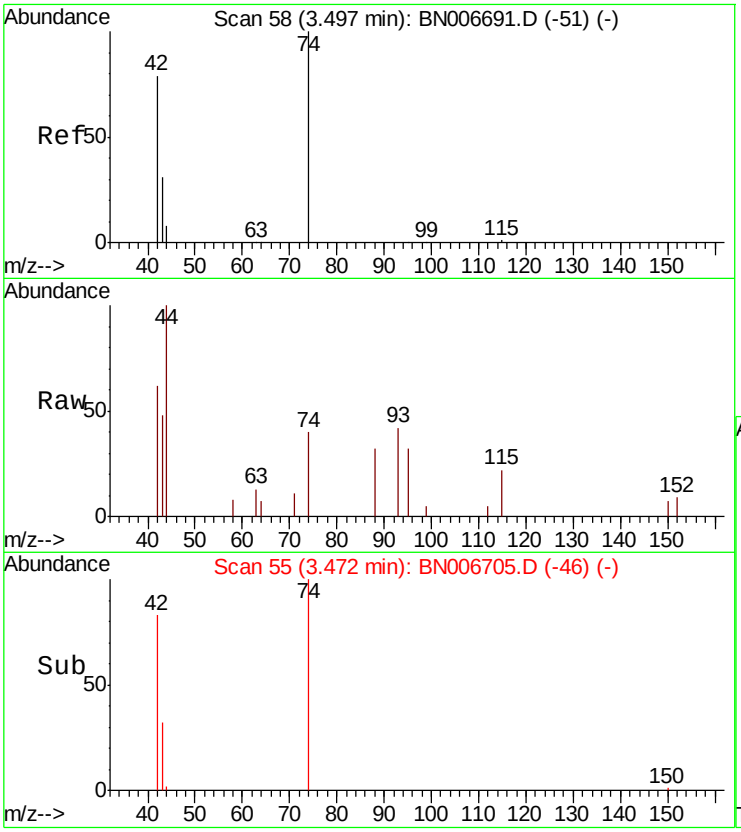


#2
1,4-Dioxane
Concen: 0.427 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion: 88 Resp: 1785

Ion	Ratio	Lower	Upper
88	100		
58	74.8	61.1	91.7
43	40.3	32.4	48.6



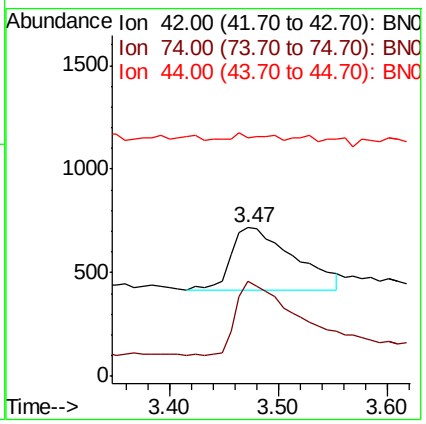


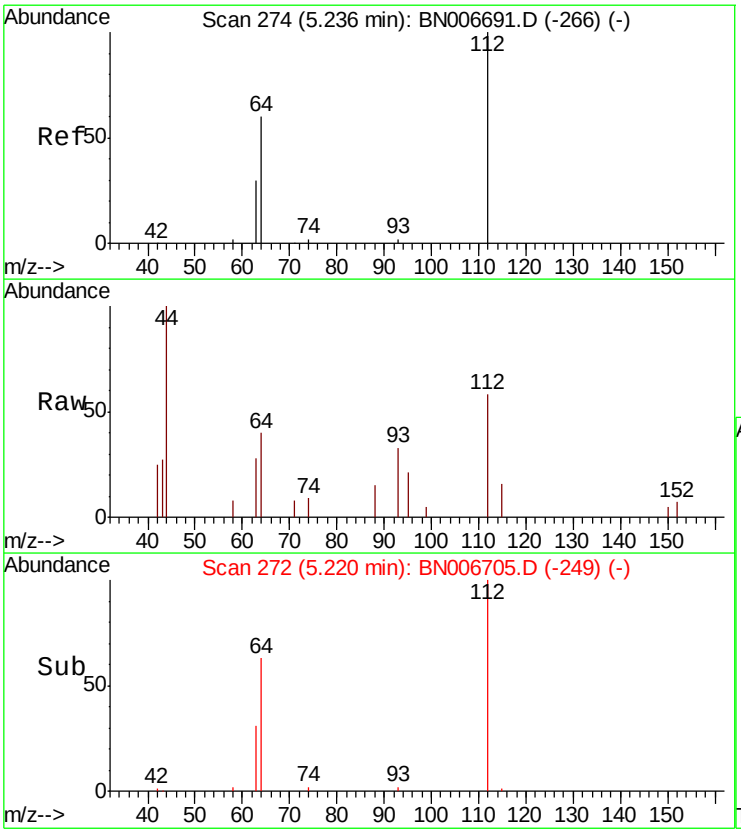
#3
n-Nitrosodimethylamine
Concen: 0.378 ng
RT: 3.47 min Scan# 55
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1193

Ion	Ratio	Lower	Upper
42	100		
74	114.8	106.6	160.0
44	5.7	8.0	12.0#

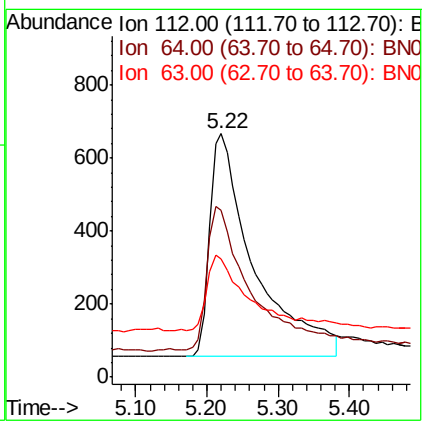


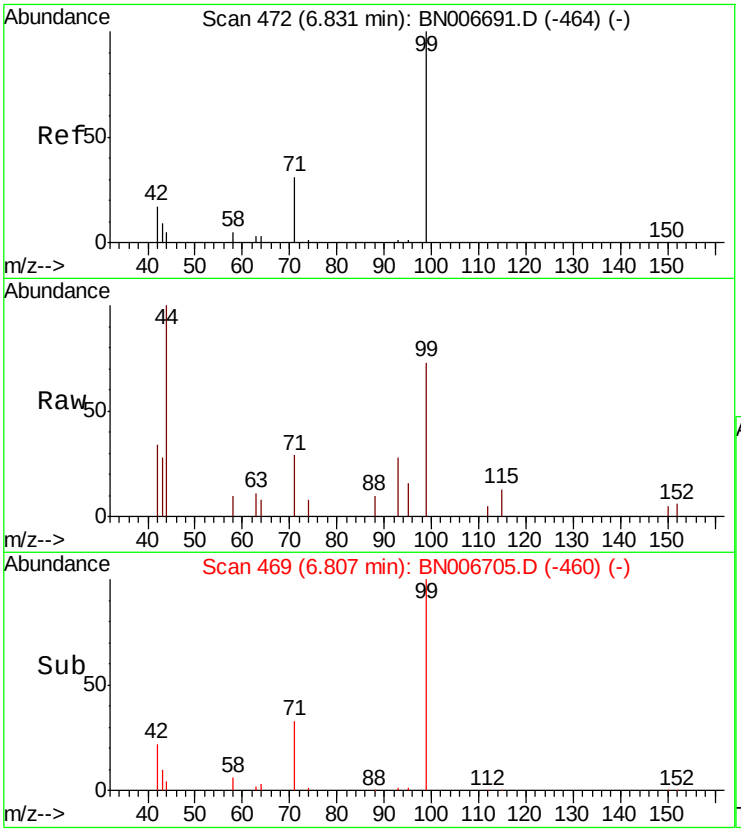


#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.22 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:112 Resp: 2636

Ion	Ratio	Lower	Upper
112	100		
64	64.2	49.8	74.6
63	34.4	25.8	38.6



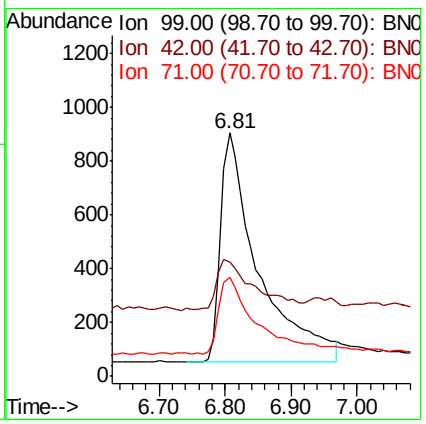


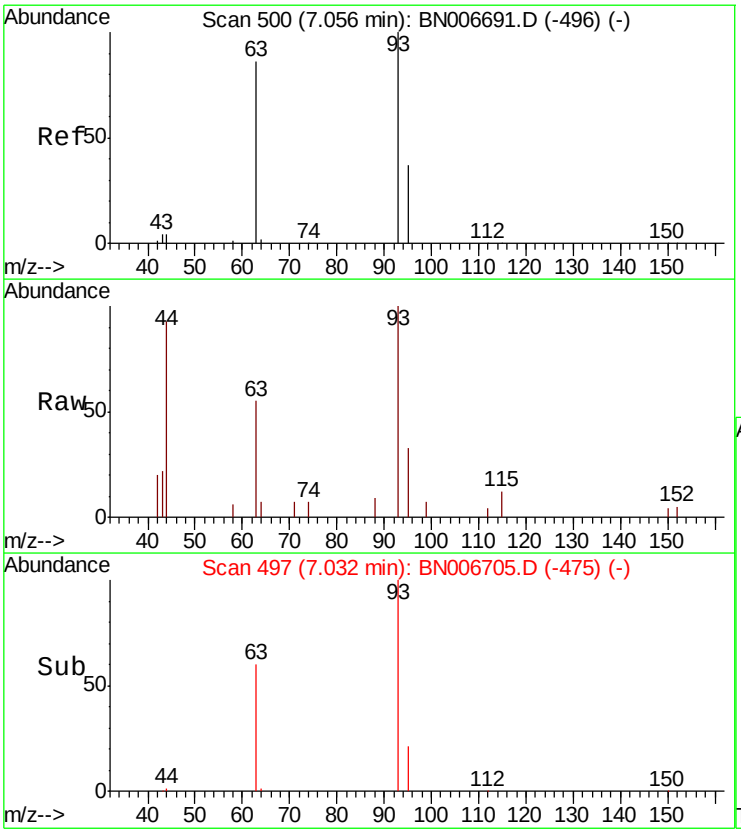
#5
Phenol-d6
Concen: 0.366 ng
RT: 6.81 min Scan# 469
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3366

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.6	25.0
71	33.6	26.0	39.0

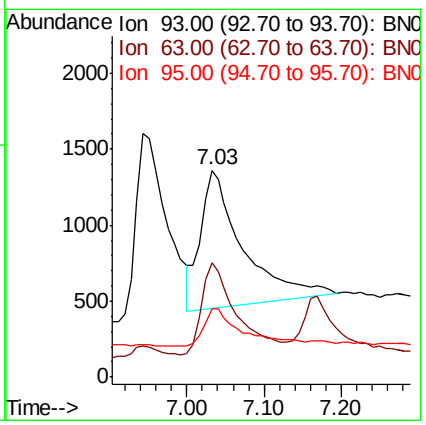


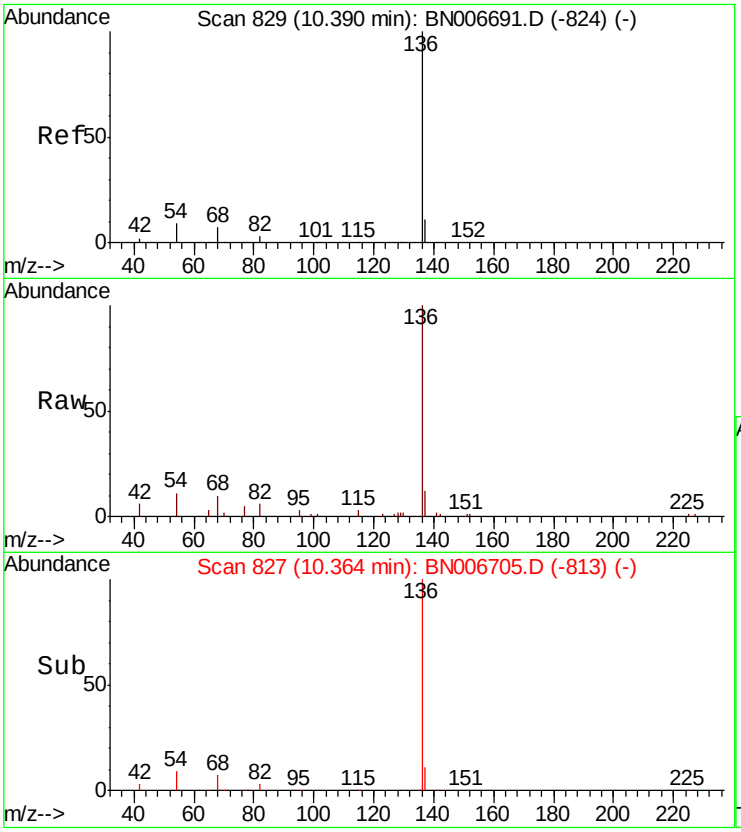


#6
bis(2-Chloroethyl)ether
Concen: 0.446 ng
RT: 7.03 min Scan# 497
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion: 93 Resp: 3467

Ion	Ratio	Lower	Upper
93	100		
63	57.1	58.6	87.8#
95	27.5	28.3	42.5#



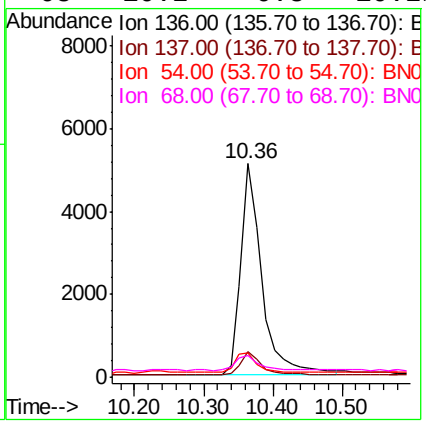


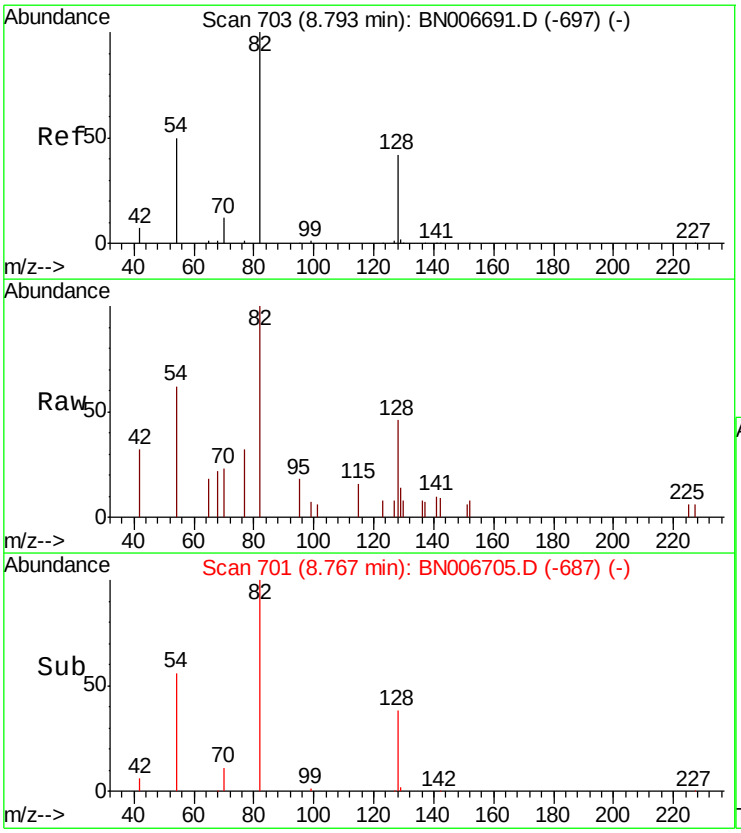
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 10739

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	11.4	8.4	12.6
68	10.2	6.8	10.2#

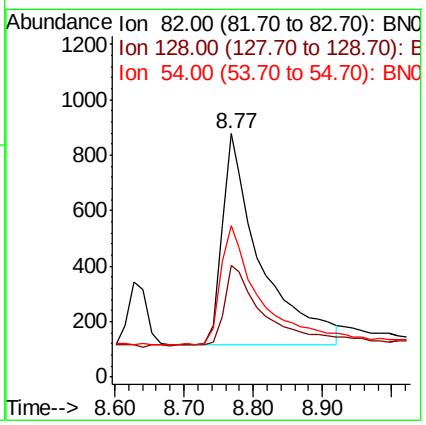


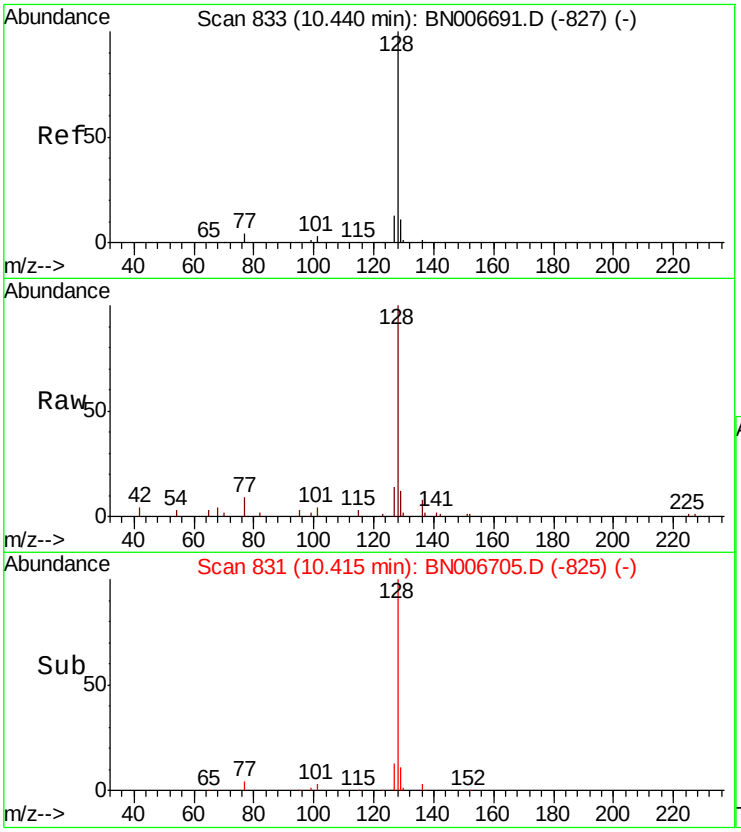


#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.77 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion: 82 Resp: 2920

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	62.1	44.5	66.7



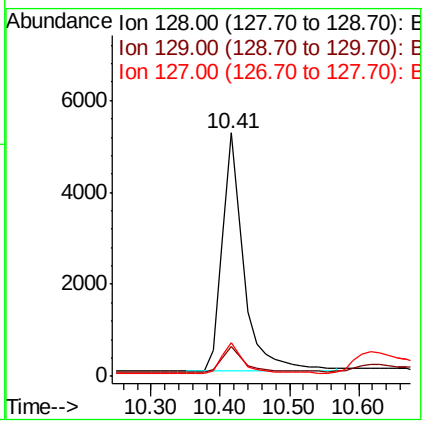


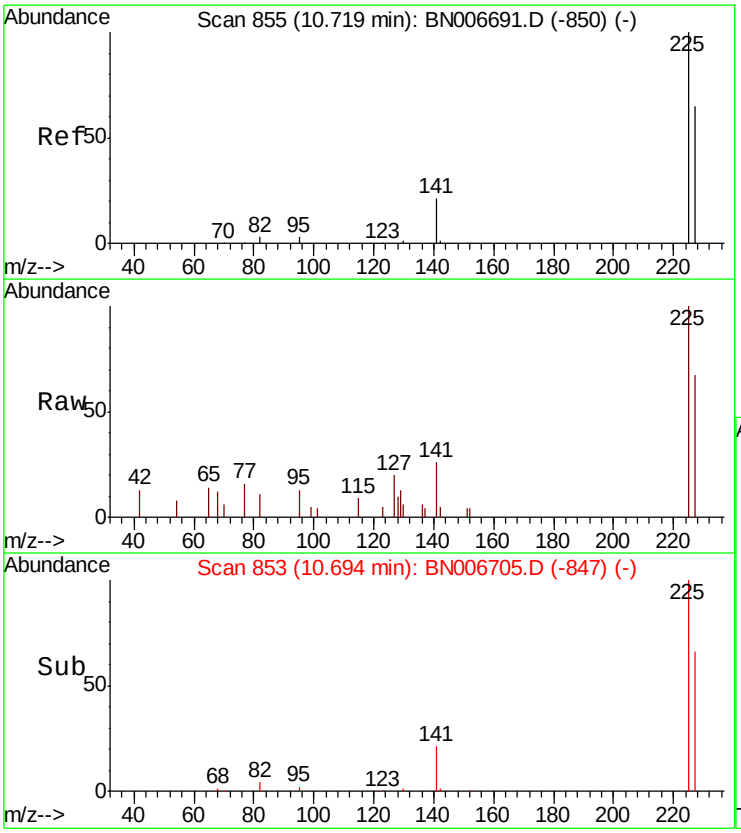
#9
Naphthalene
Concen: 0.394 ng
RT: 10.41 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 11566

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	14.1	11.0	16.4

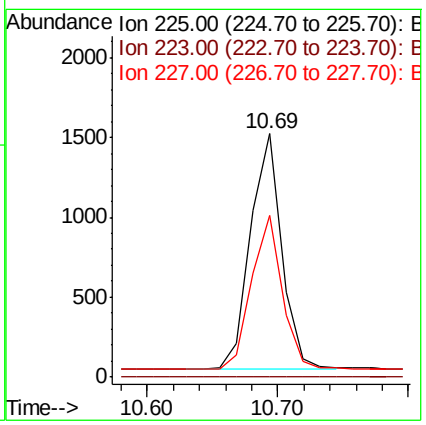


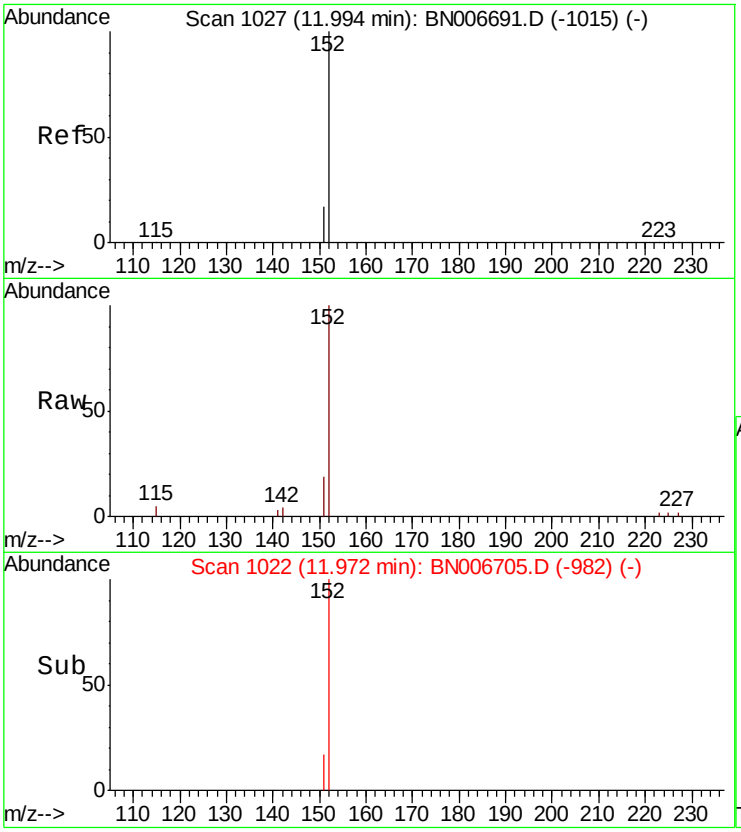


#10
Hexachlorobutadiene
Concen: 0.411 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:225 Resp: 2446

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.9	76.3



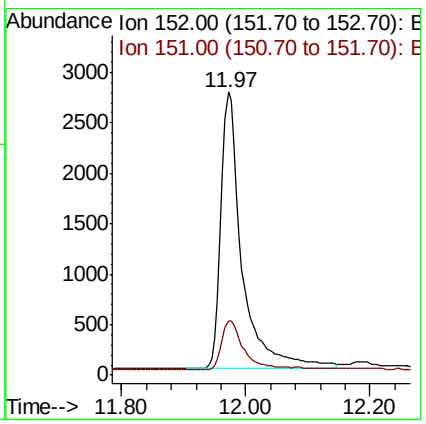


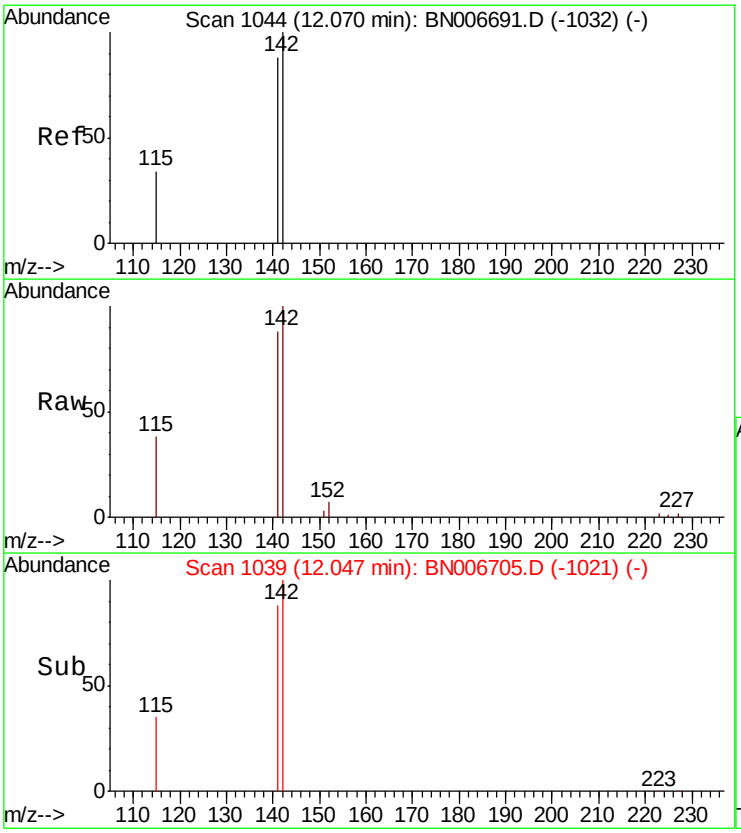
#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 11.97 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6554

Ion	Ratio	Lower	Upper
152	100		
151	19.3	14.9	22.3

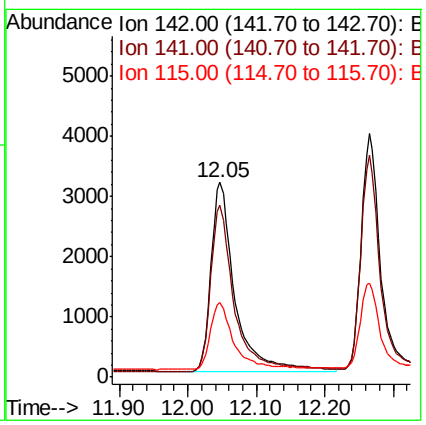


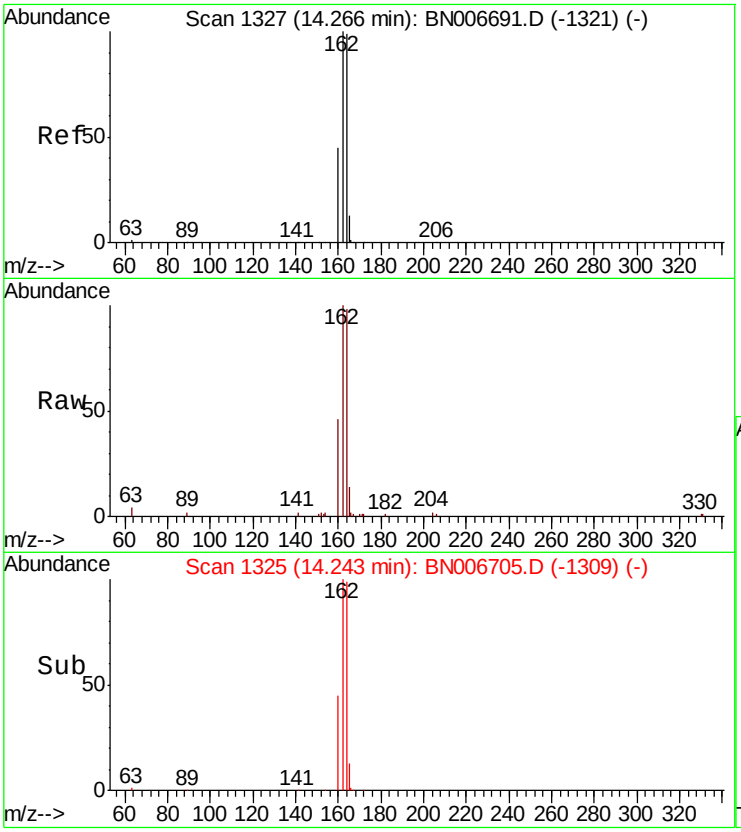


#12
2-Methylnaphthalene
Concen: 0.367 ng
RT: 12.05 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:142 Resp: 7669

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	38.4	28.9	43.3



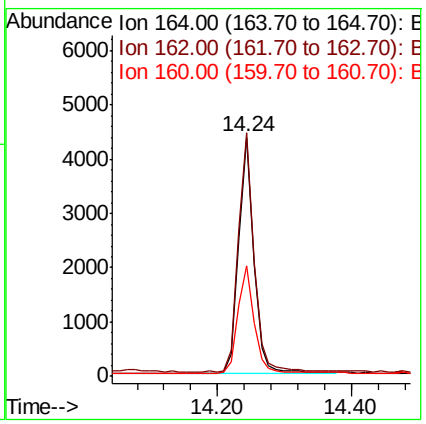


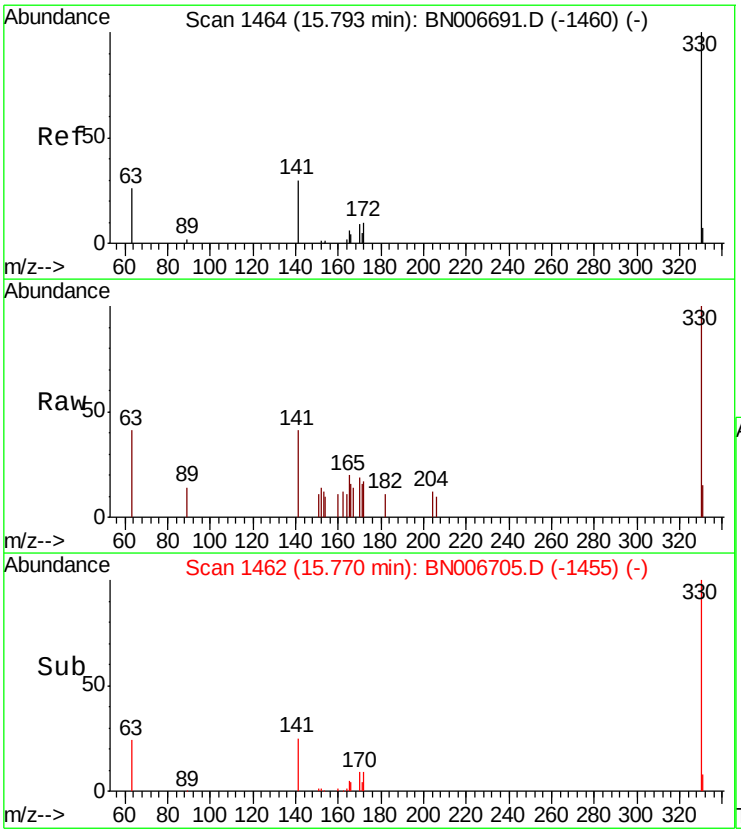
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 6734

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.8	121.2
160	46.5	37.0	55.6

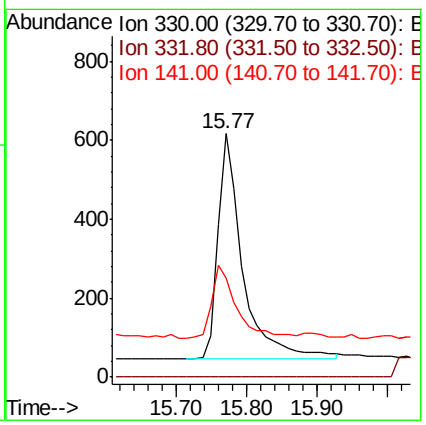


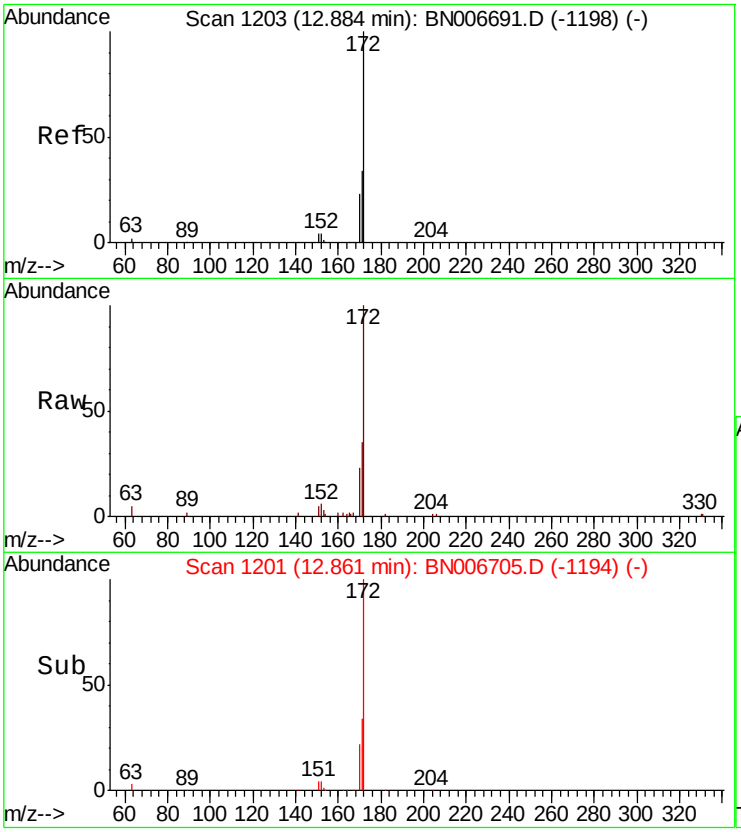


#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:330 Resp: 1418

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.7	24.8	37.2



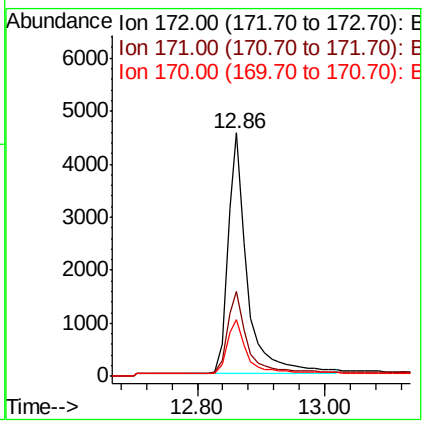


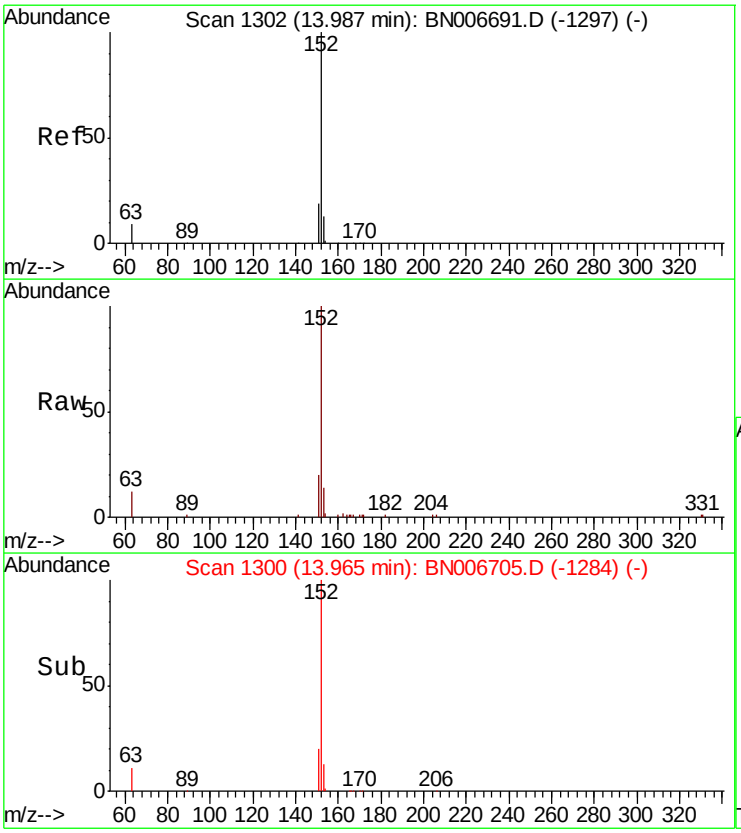
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 9412

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.4	18.9	28.3

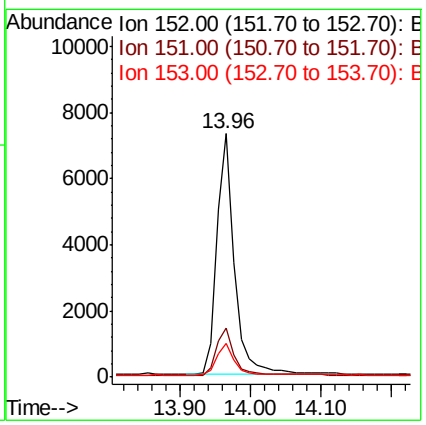


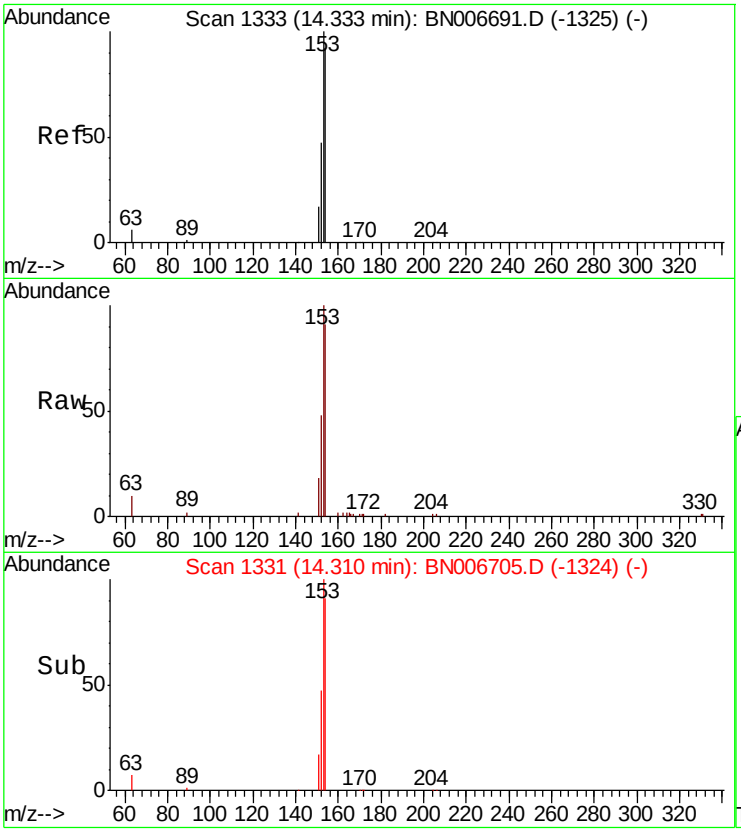


#16
Acenaphthylene
Concen: 0.383 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:152 Resp: 12847

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.6	15.8



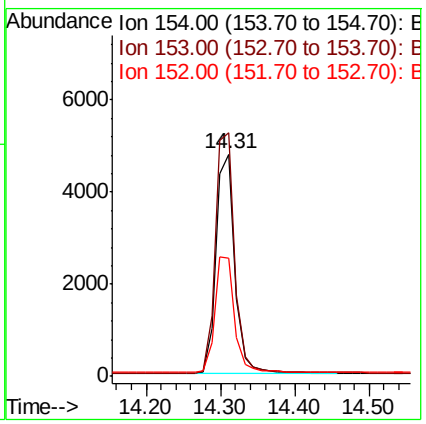


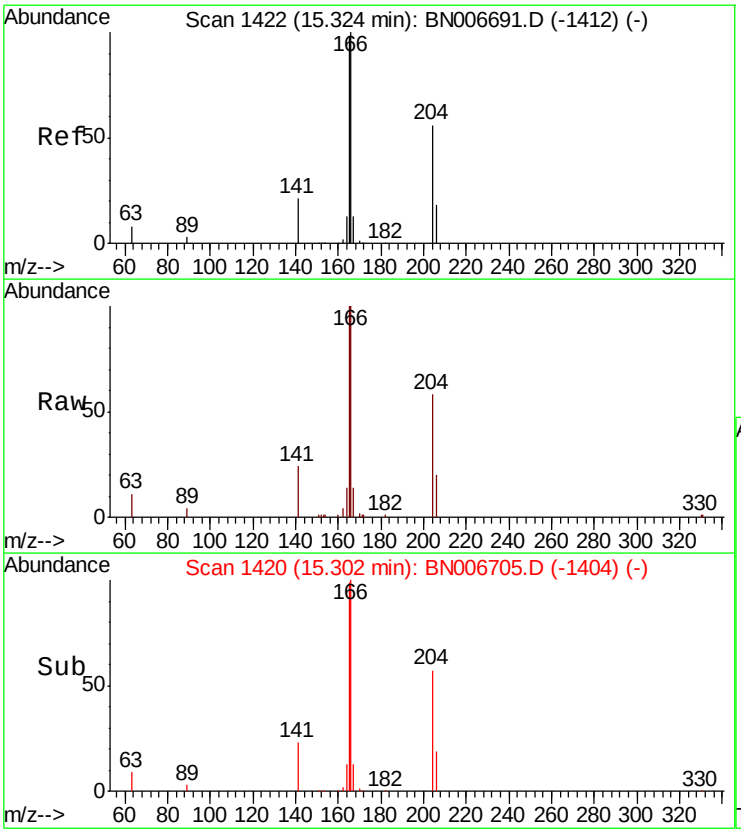
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 8287

Ion	Ratio	Lower	Upper
154	100		
153	114.3	88.9	133.3
152	55.5	42.8	64.2

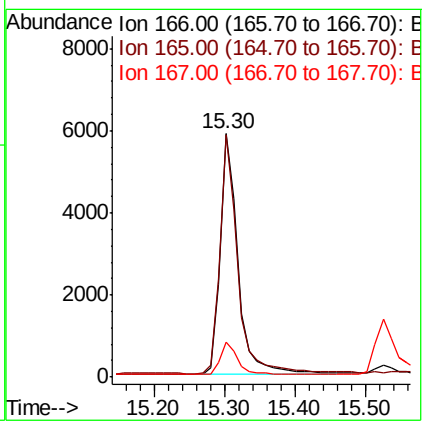


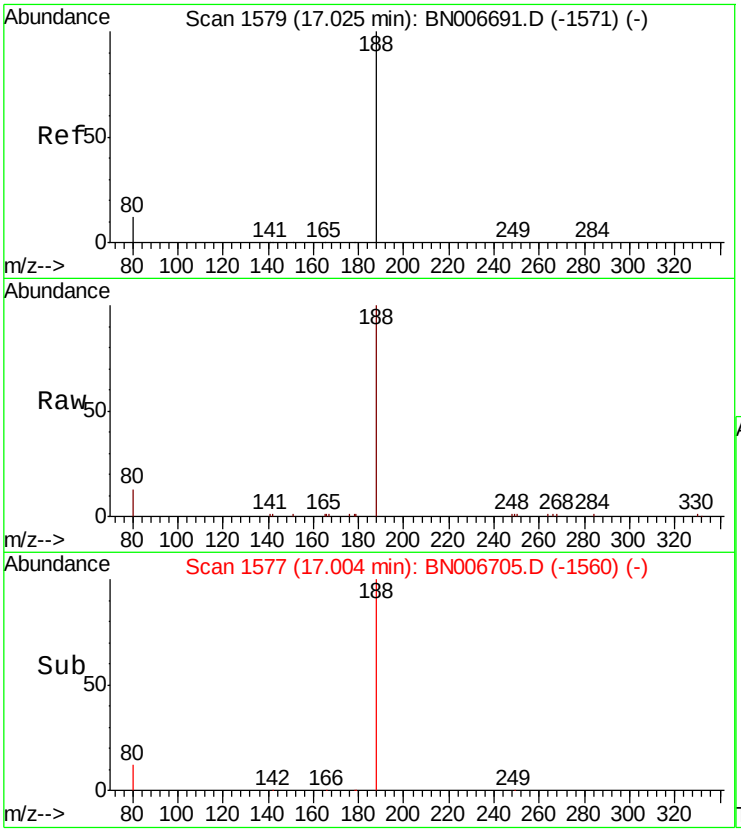


#18
Fluorene
Concen: 0.400 ng
RT: 15.30 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:166 Resp: 10635

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.0	117.0
167	13.4	10.7	16.1



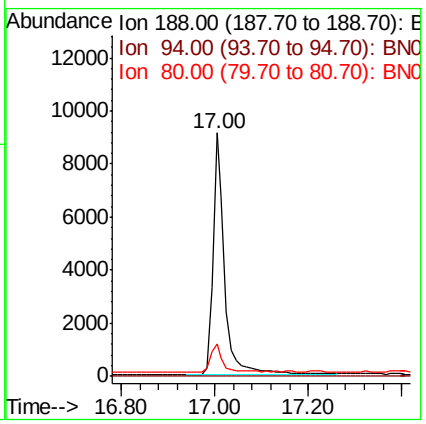


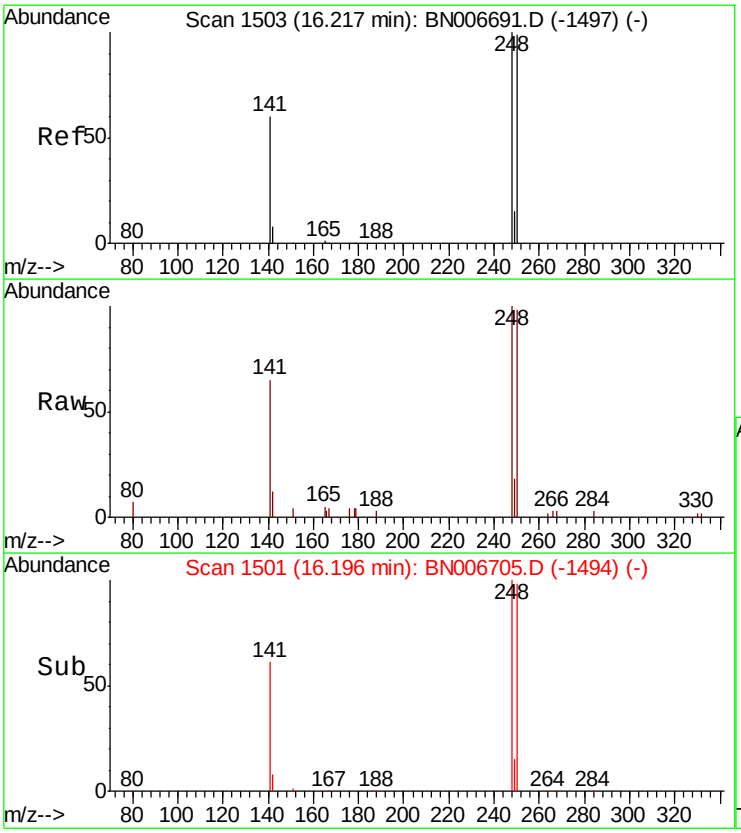
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 16222

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	10.3	15.5

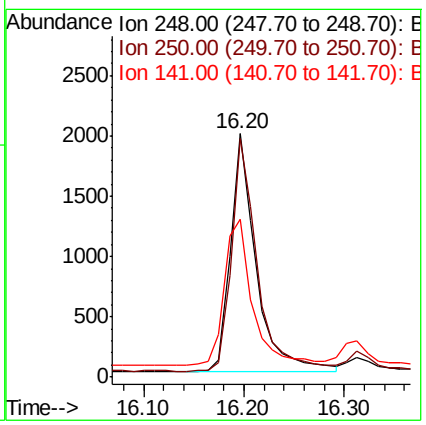


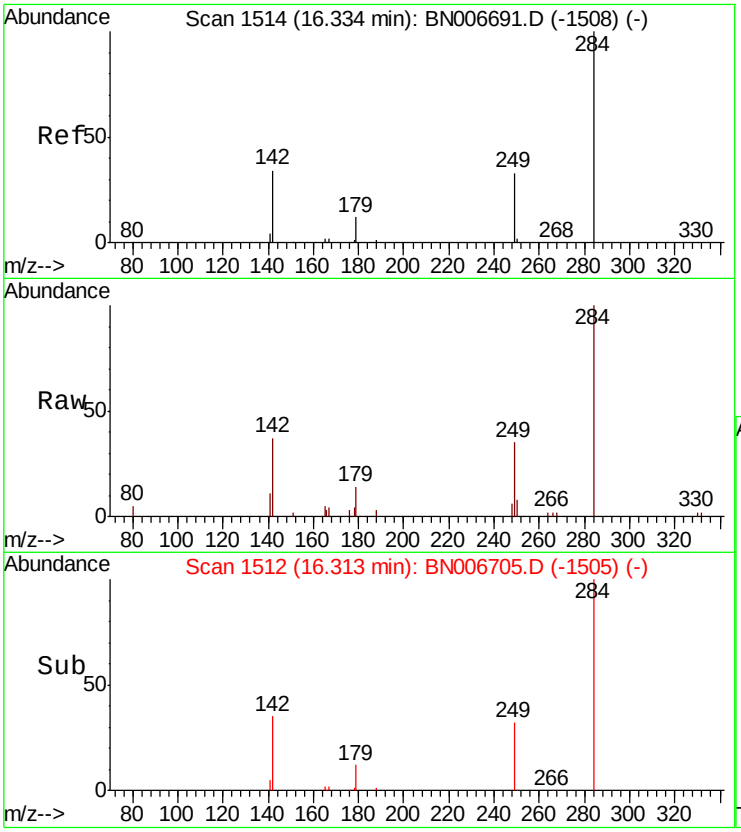


#20
4-Bromophenyl-phenylether
Concen: 0.367 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:248 Resp: 3510

Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.0	118.6
141	64.8	50.2	75.4



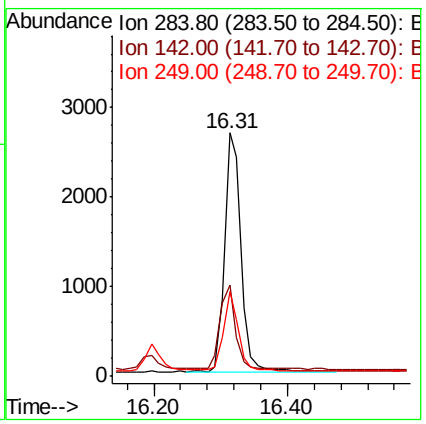


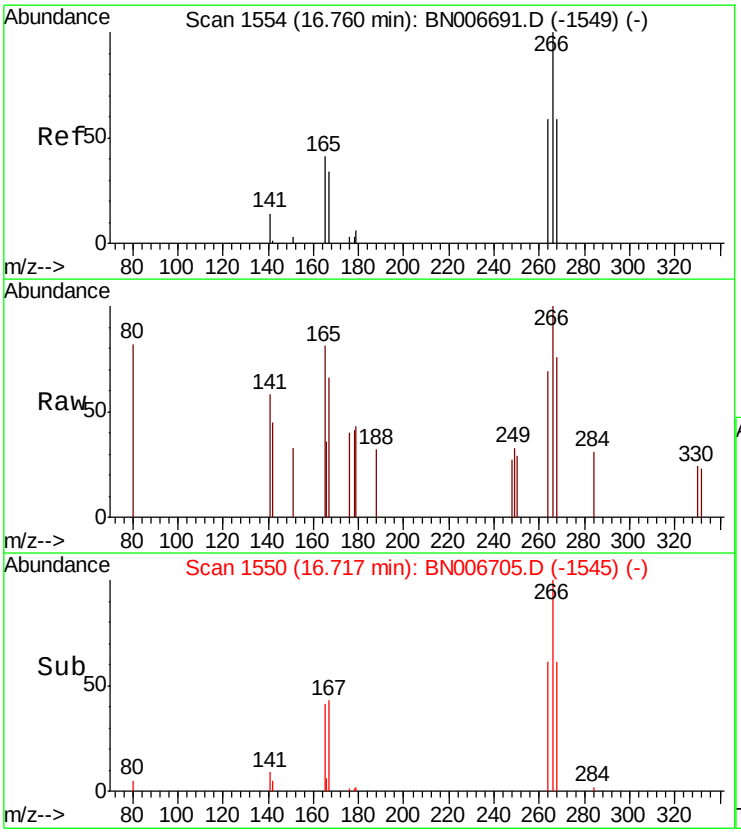
#21
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4474

Ion	Ratio	Lower	Upper
284	100		
142	33.1	26.9	40.3
249	30.1	24.4	36.6

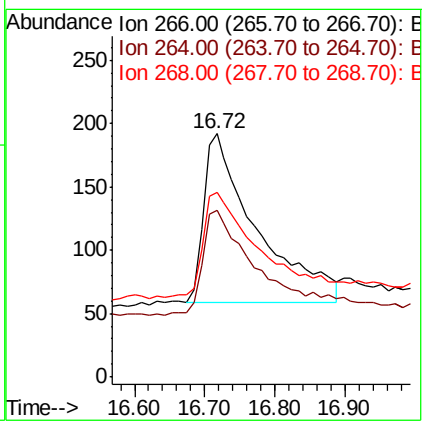


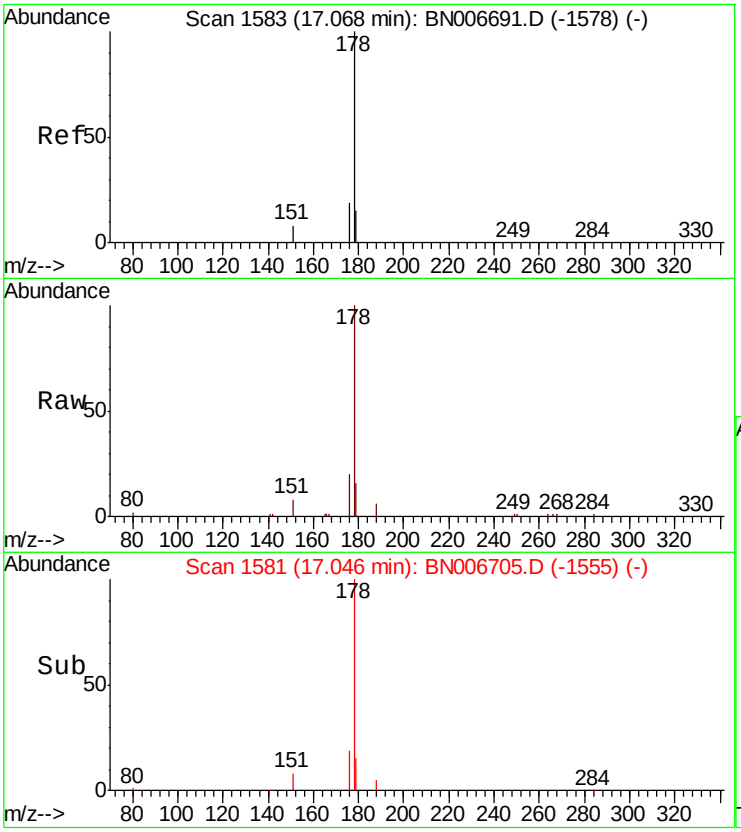


#22
Pentachlorophenol
Concen: 0.547 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:266 Resp: 689

Ion	Ratio	Lower	Upper
266	100		
264	68.8	57.6	86.4
268	76.0	66.6	99.8



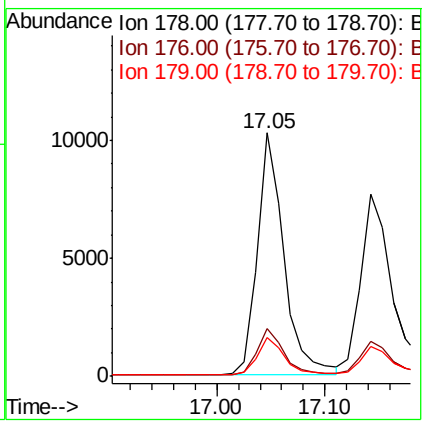


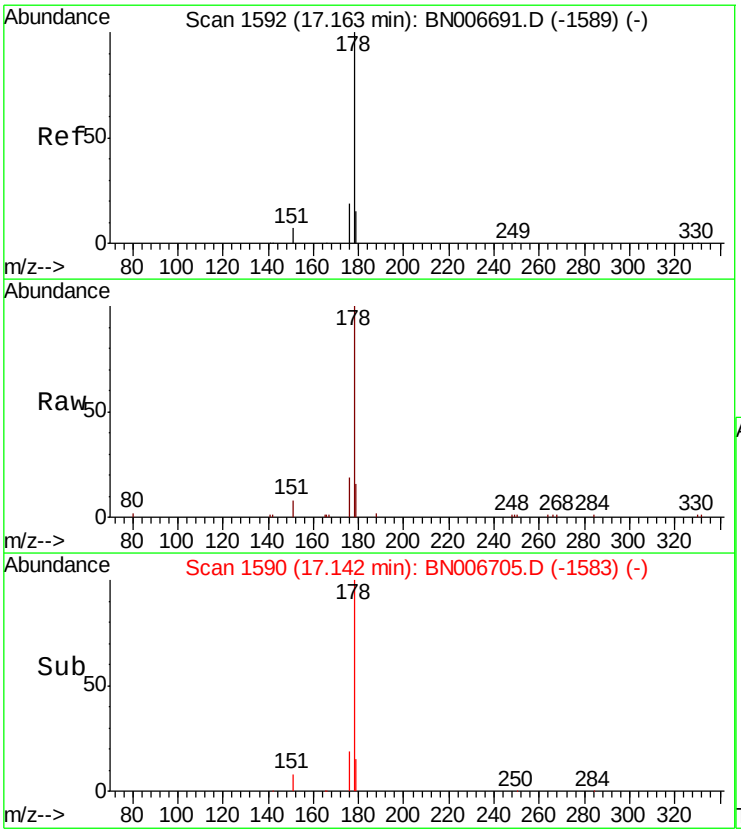
#23
Phenanthrene
Concen: 0.371 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 17324

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.4	18.6

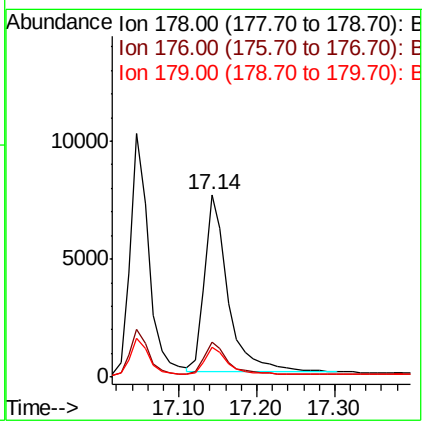


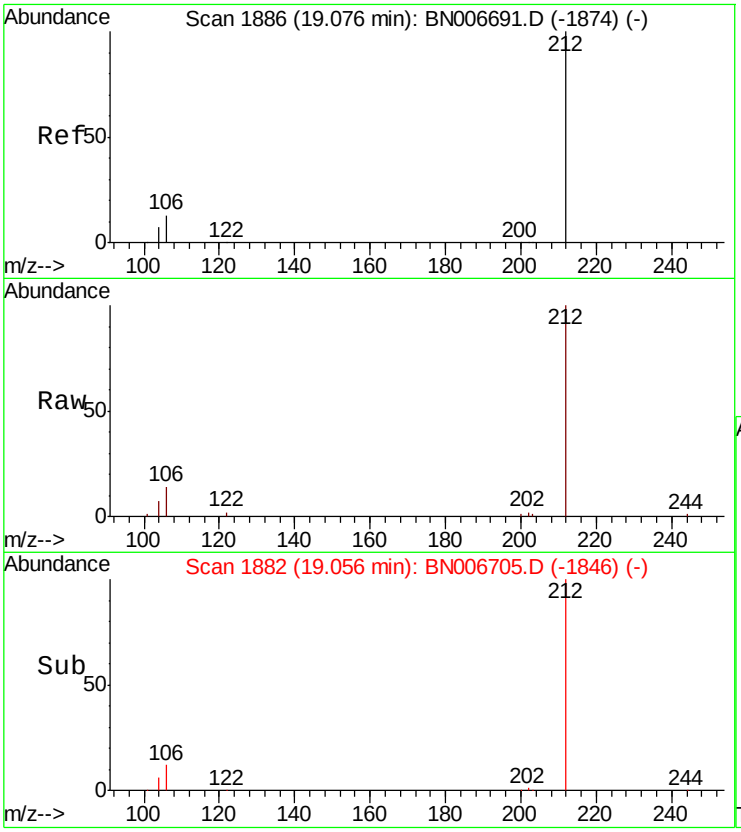


#24
Anthracene
Concen: 0.367 ng
RT: 17.14 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:178 Resp: 15511

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.1	11.9	17.9



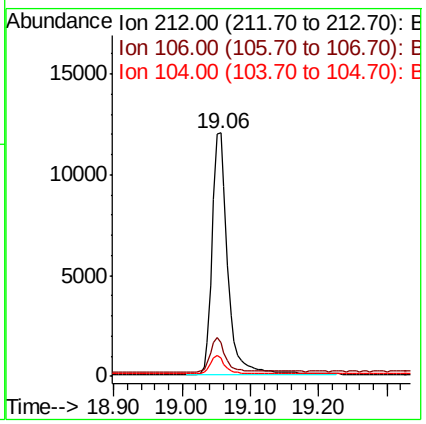


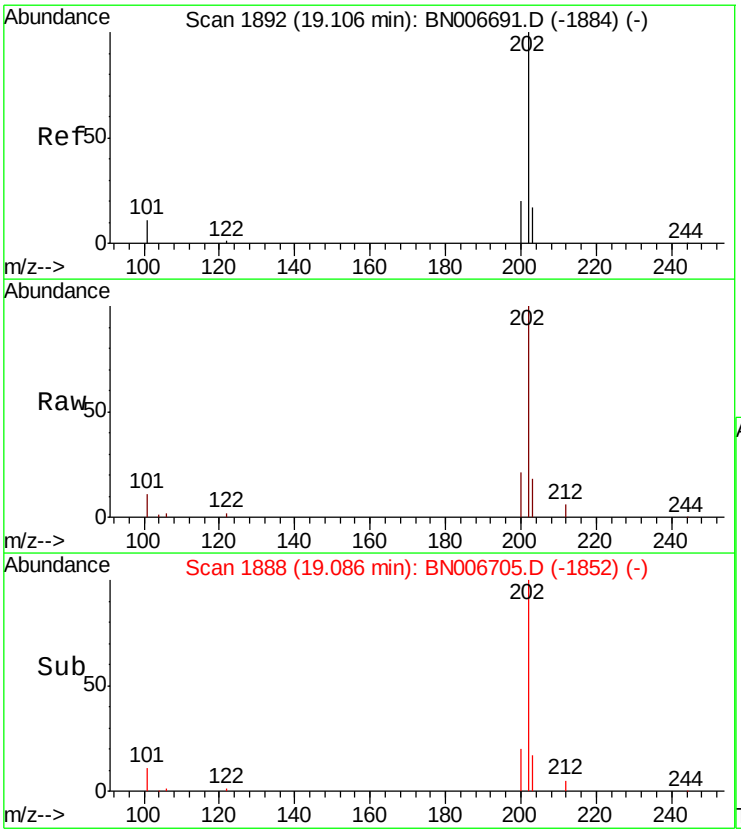
#25
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.06 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 19432

Ion	Ratio	Lower	Upper
212	100		
106	13.5	11.0	16.6
104	7.4	6.1	9.1

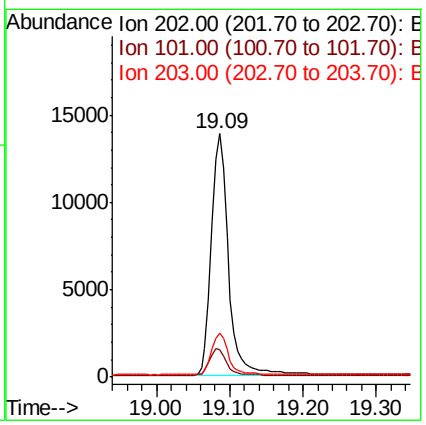


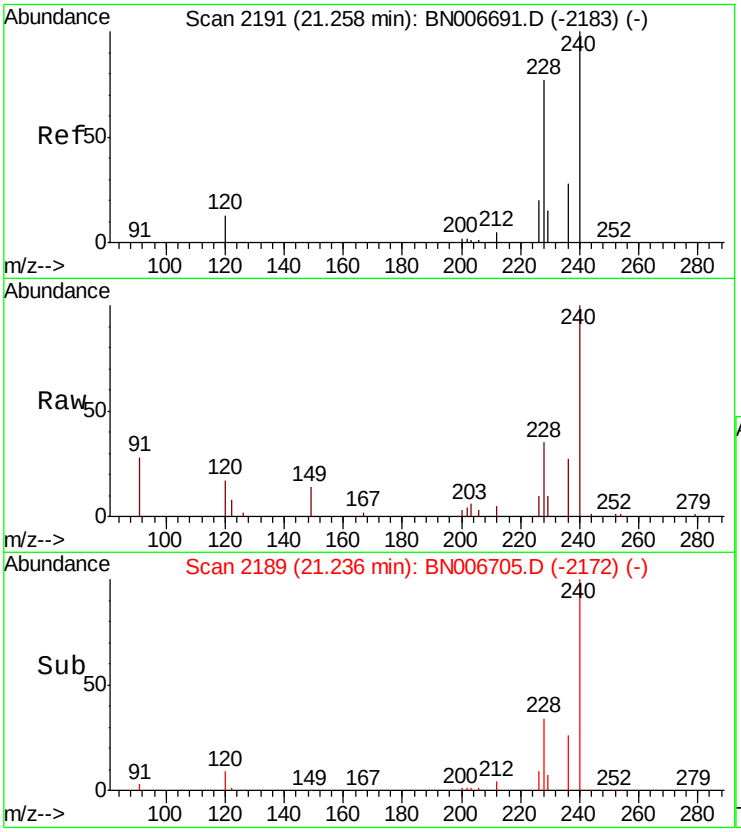


#26
Fluoranthene
Concen: 0.408 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:202 Resp: 22414

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.7	13.1
203	17.3	13.8	20.6



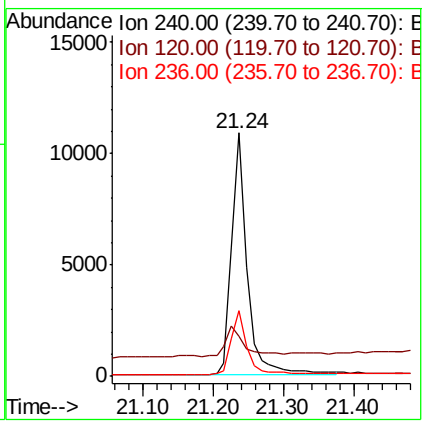


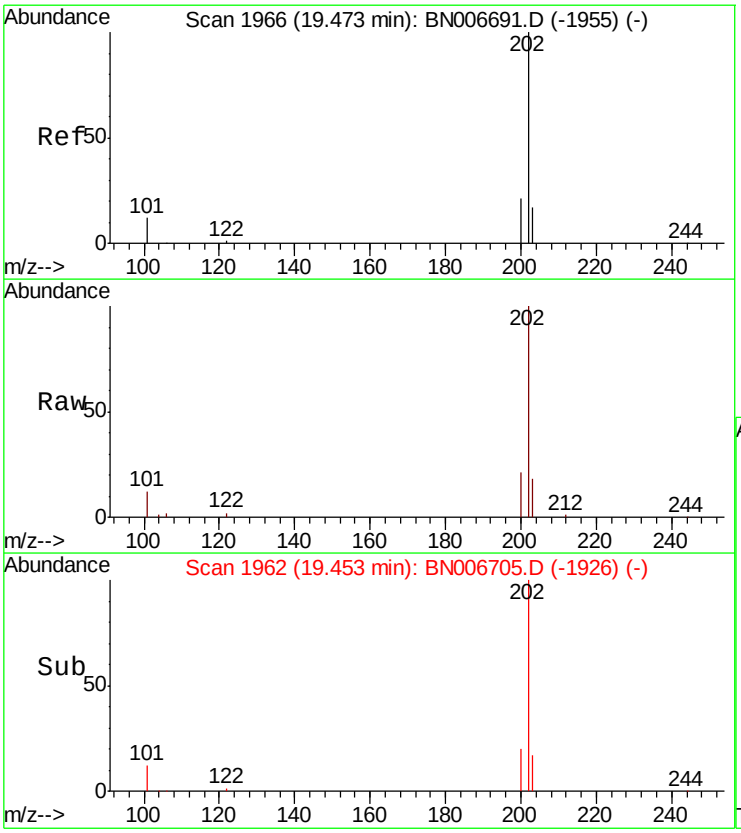
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 16354

Ion	Ratio	Lower	Upper
240	100		
120	16.7	12.9	19.3
236	27.0	23.2	34.8

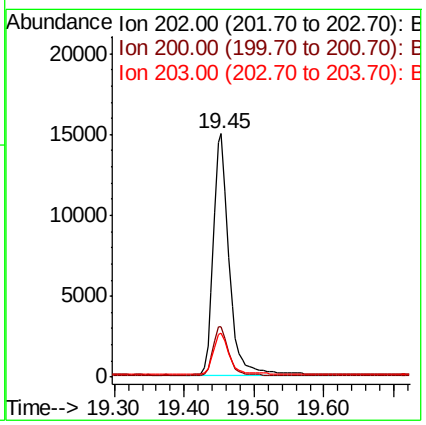


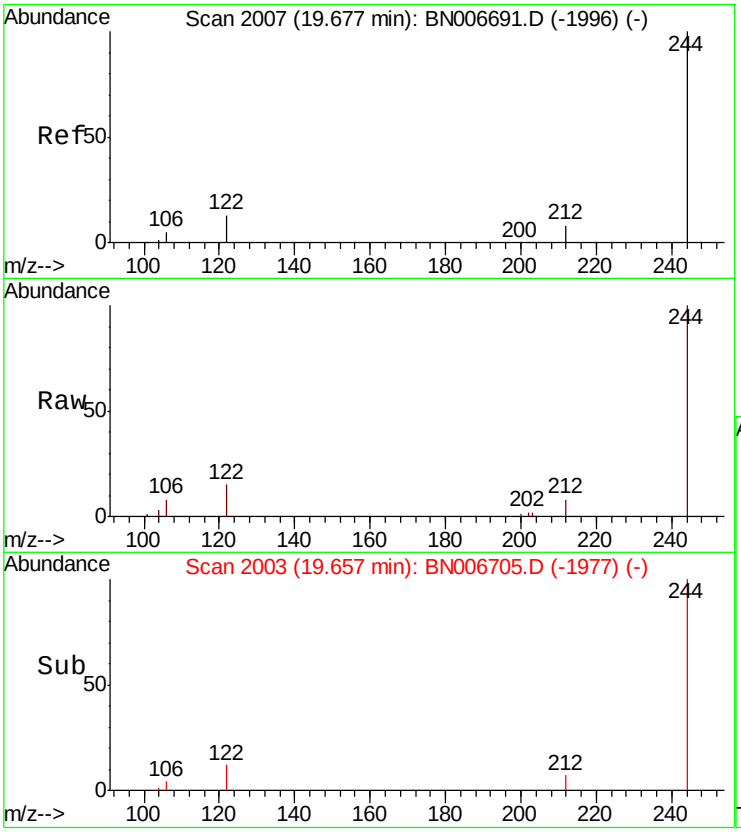


#28
Pyrene
Concen: 0.358 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:202 Resp: 23428

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.9	14.2	21.2



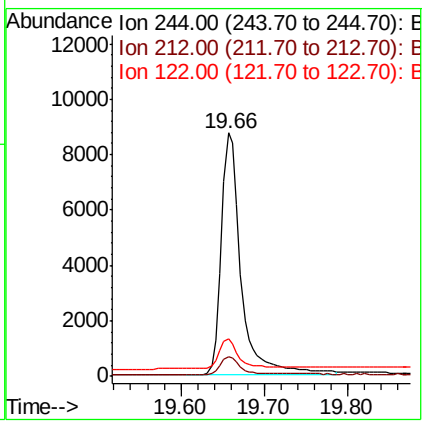


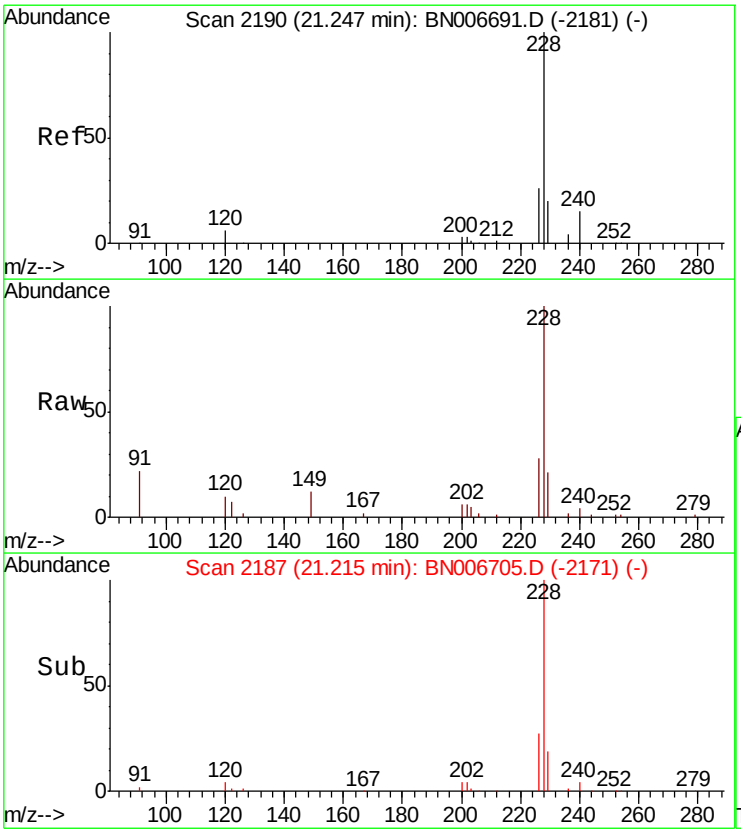
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 14358

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	15.2	11.5	17.3

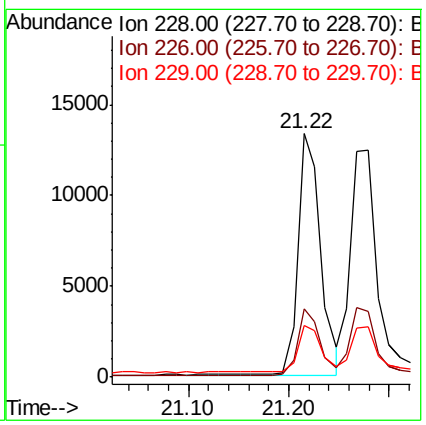


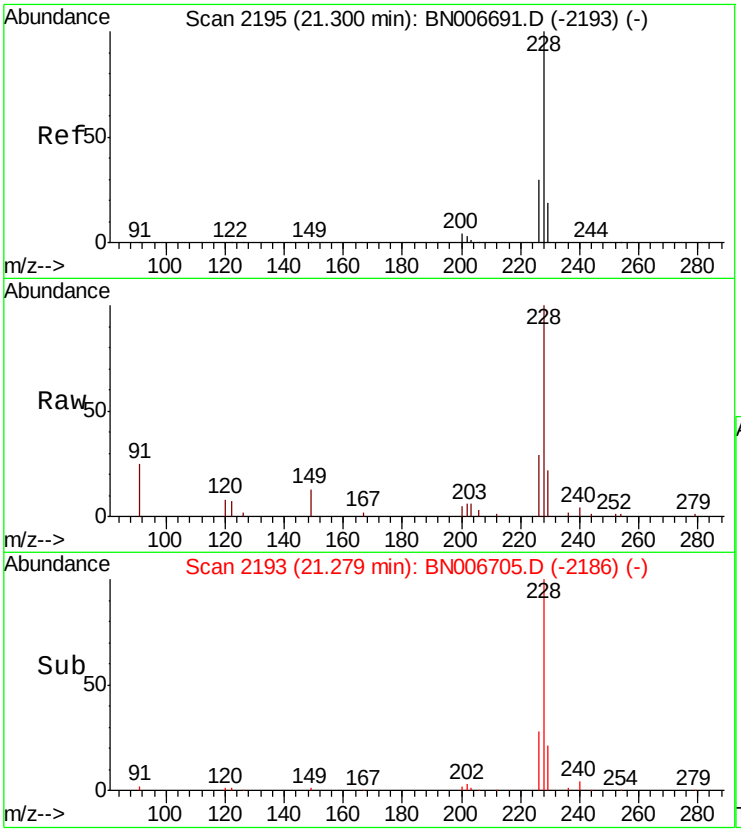


#30
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.03 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:228 Resp: 20921

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.5	32.3
229	21.0	16.2	24.4



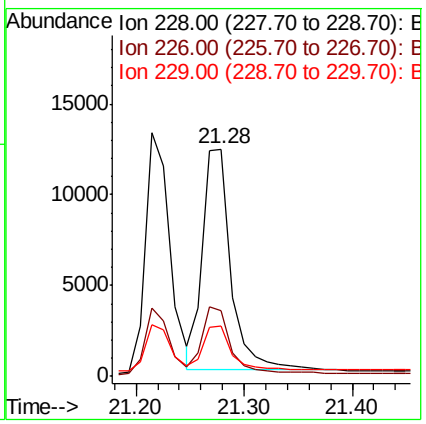


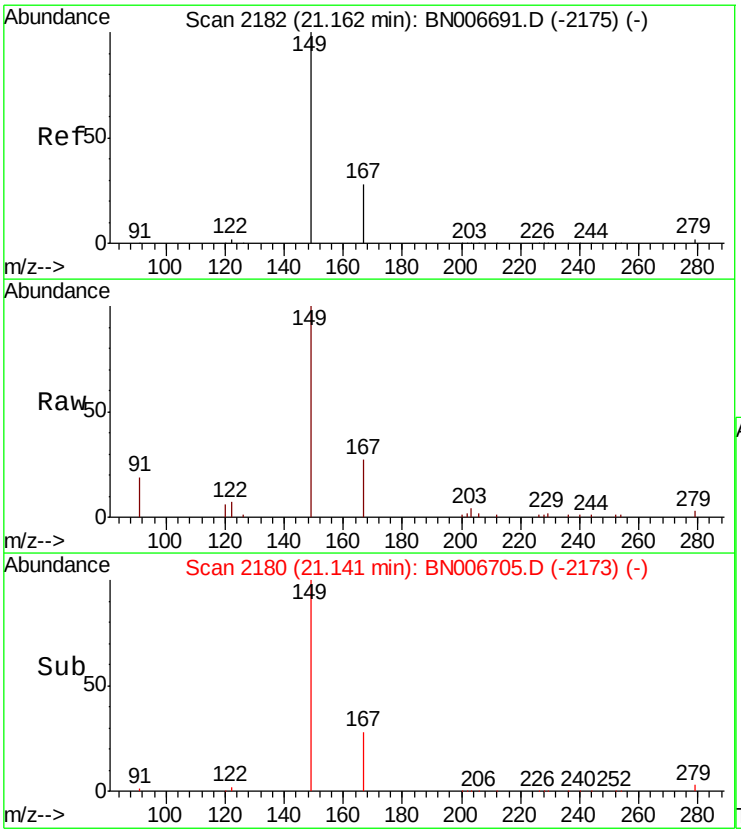
#31
Chrysene
Concen: 0.382 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 22211

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.2
229	22.2	15.8	23.6

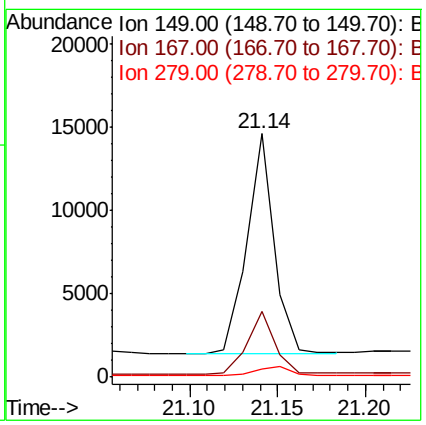


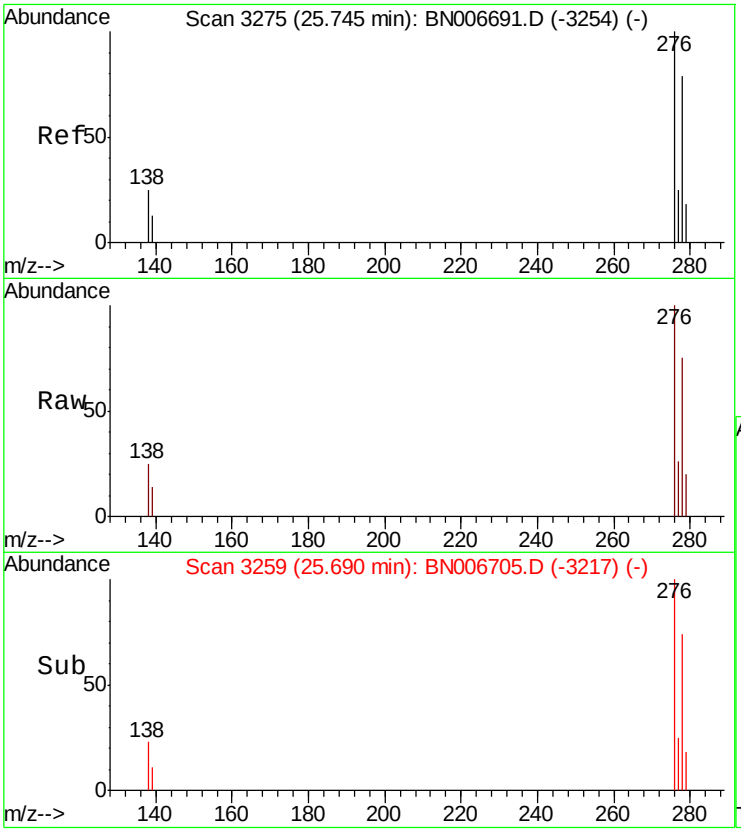


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.14 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:149 Resp: 14070

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	4.6	3.2	4.8



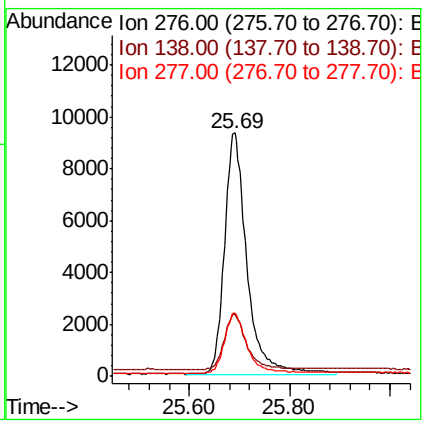


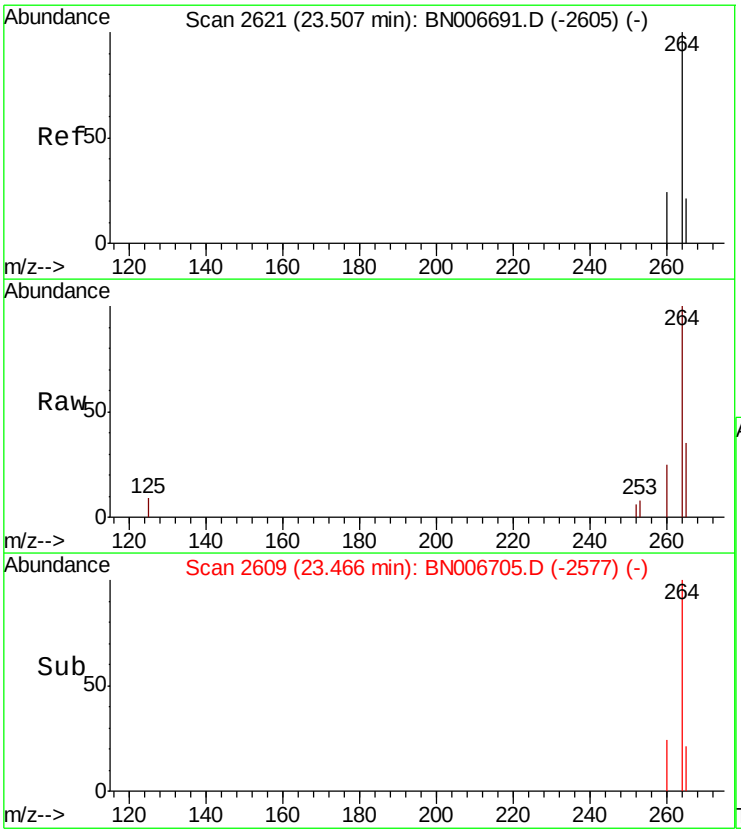
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng
RT: 25.69 min Scan# 3259
Delta R.T. -0.05 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 28911

Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.5	29.3
277	24.5	19.7	29.5

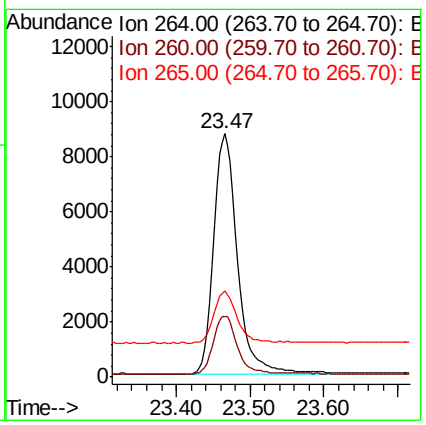


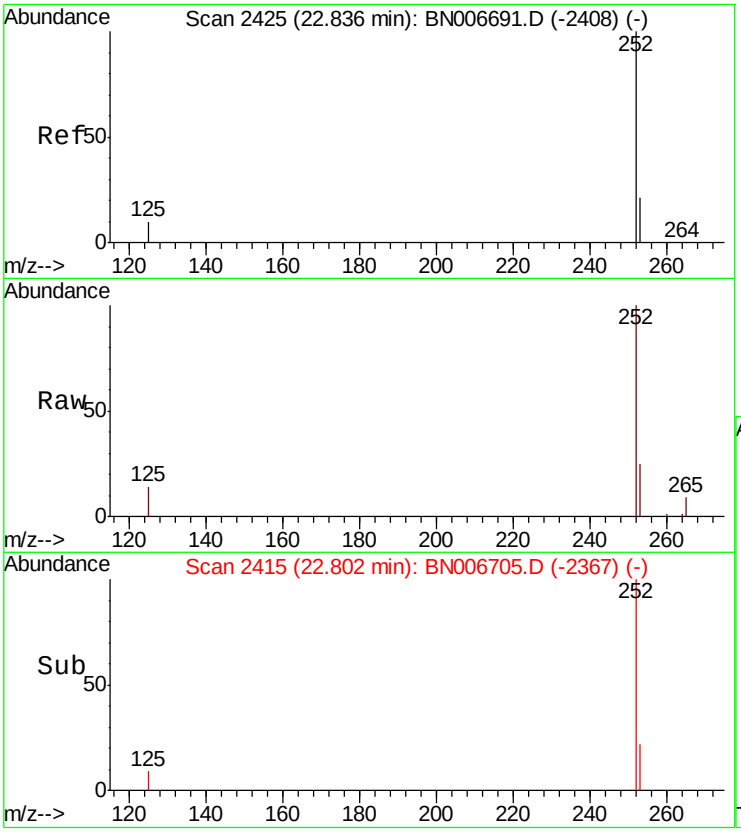


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2609
Delta R.T. -0.04 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:264 Resp: 19285

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	35.2	33.7	50.5



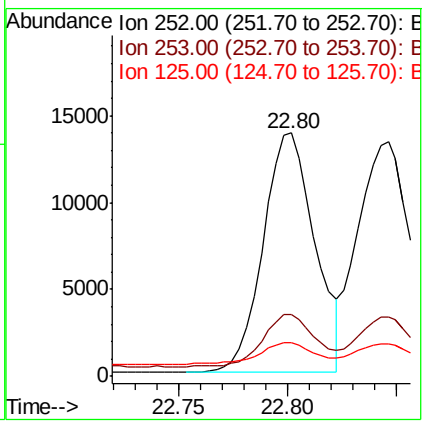


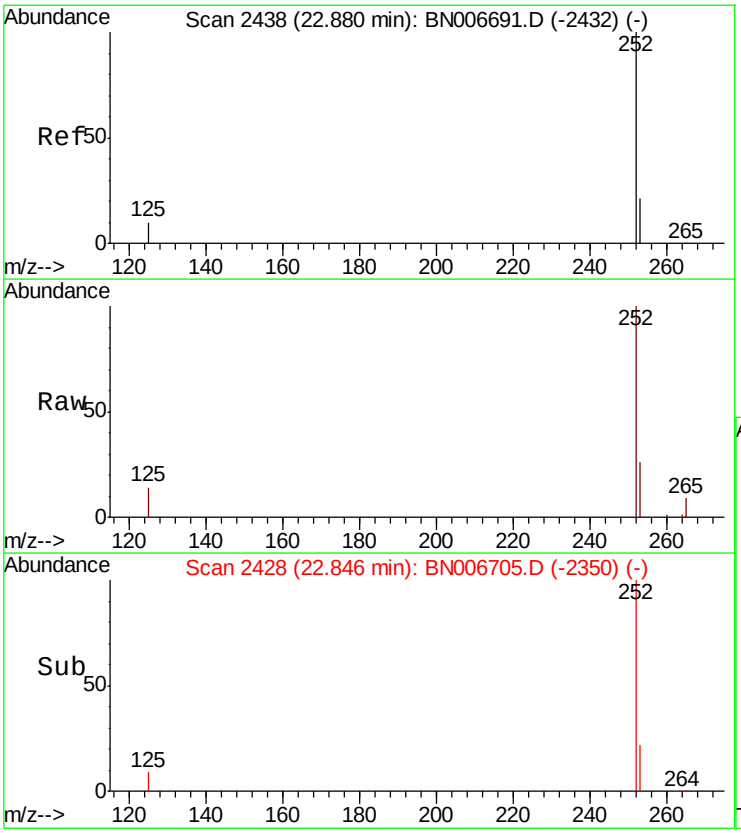
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 22.80 min Scan# 2415
Delta R.T. -0.03 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 22648

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.2	30.2
125	13.8	11.5	17.3

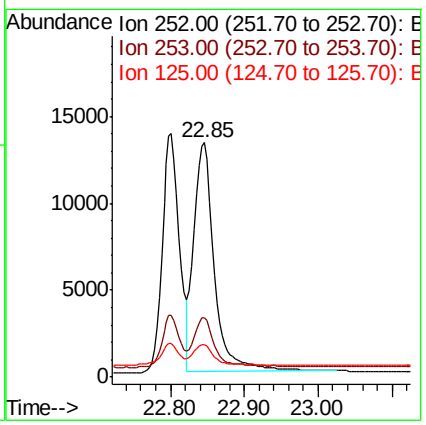


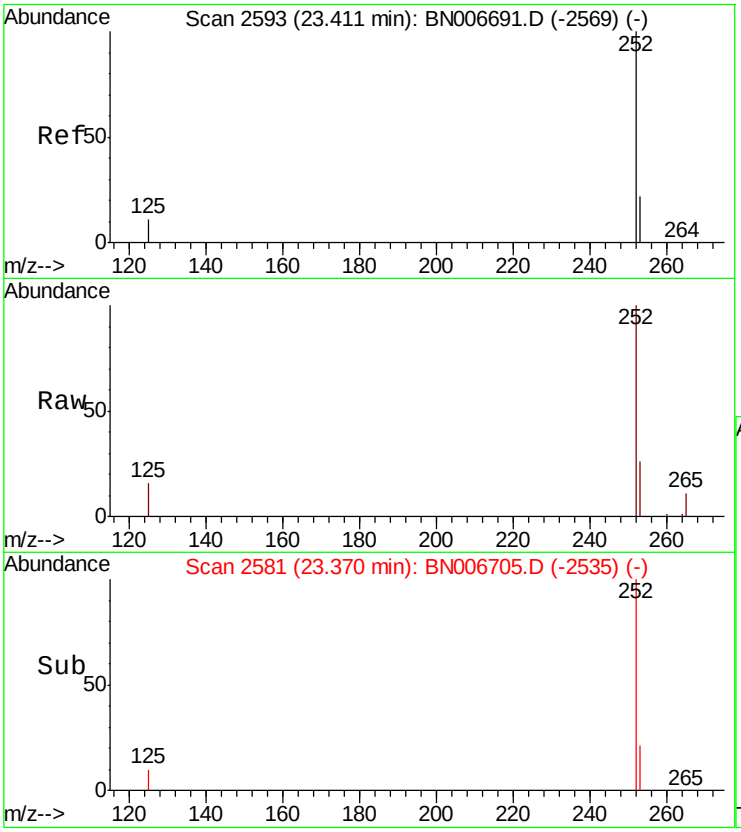


#36
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.85 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:252 Resp: 25508

Ion	Ratio	Lower	Upper
252	100		
253	25.6	20.1	30.1
125	14.0	11.4	17.0



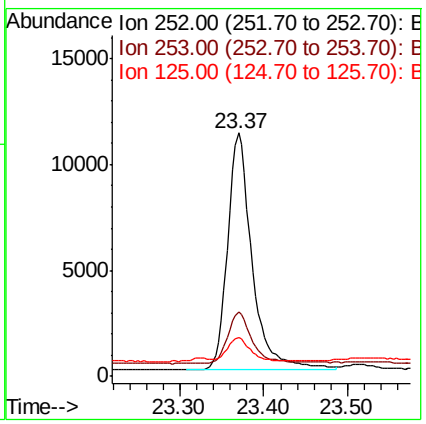


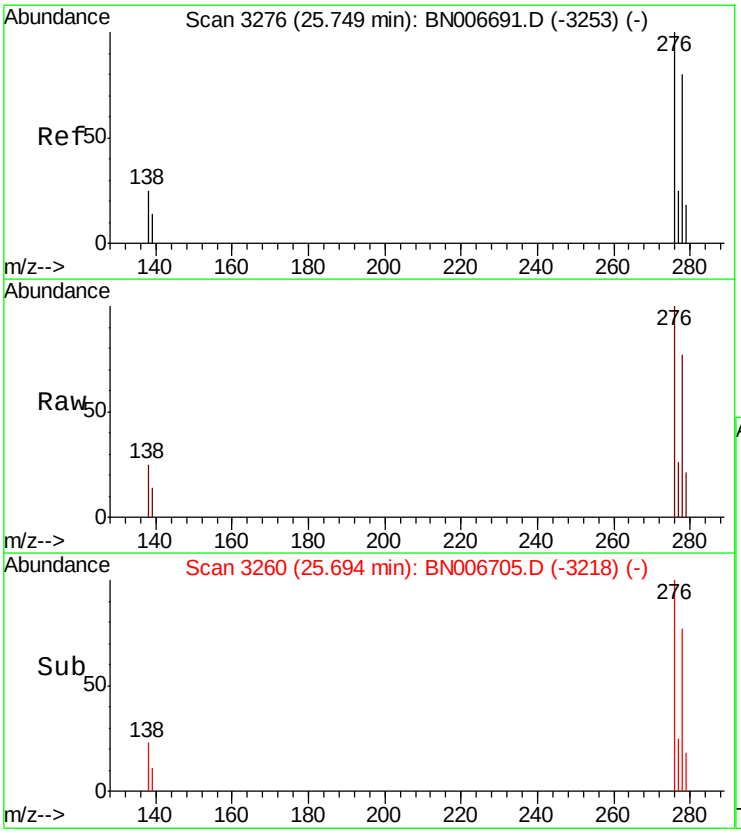
#37
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.37 min Scan# 2581
Delta R.T. -0.04 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 22747

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.4	32.2
125	15.8	13.3	19.9

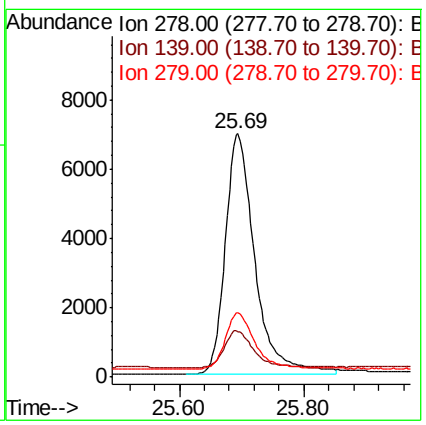


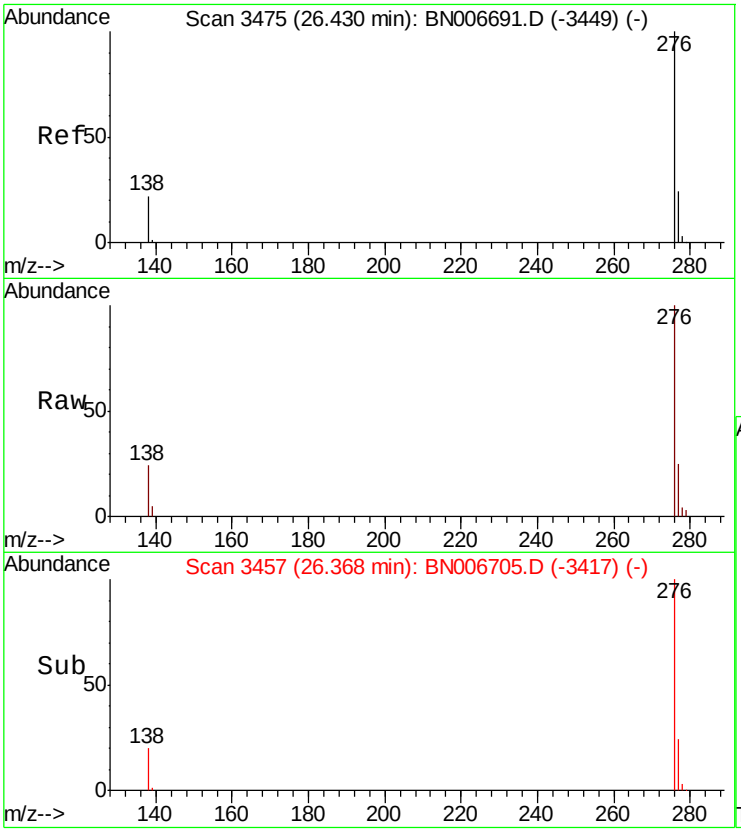


#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 25.69 min Scan# 3260
Delta R.T. -0.05 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:278 Resp: 22852

Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.2	24.4
279	26.5	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 26.37 min Scan# 3457
Delta R.T. -0.06 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 24023

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.6	30.8
138	23.6	19.7	29.5