Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
Data File : BN006751.D
Acq On : 08 Jul 2019 10:53
Operator : HP/JU
Sample : PB121057BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB121057BS

Quant Time: Jul 08 11:24:59 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	2657	0.40	ng		-0.02
7) Naphthalene-d8	10.36	136	10128	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	5621	0.40	ng		-0.02
19) Phenanthrene-d10	17.01	188	12315	0.40	ng		-0.01
27) Chrysene-d12	21.24	240	13037	0.40	ng		-0.02
34) Perylene-d12	23.47	264	14263	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2080	0.29	ng		0.00
5) Phenol-d6	6.82	99	2682	0.29	ng		0.00
8) Nitrobenzene-d5	8.79	82	2216	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	11.98	152	7334	0.48	ng		-0.01
14) 2,4,6-Tribromophenol	15.78	330	721	0.26	ng		-0.01
15) 2-Fluorobiphenyl	12.86	172	7685	0.35	ng		-0.02
25) Fluoranthene-d10	19.06	212	11735	0.33	ng		-0.02
29) Terphenyl-d14	19.66	244	8383	0.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1487	0.358	ng	#	47
3) n-Nitrosodimethylamine	3.47	42	850	0.271	ng	#	98
6) bis(2-Chloroethyl)ether	7.05	93	1927	0.250	ng		94
9) Naphthalene	10.42	128	9429	0.340	ng		99
10) Hexachlorobutadiene	10.69	225	1878	0.335	ng	#	100
12) 2-Methylnaphthalene	12.05	142	6059	0.299	ng		97
16) Acenaphthylene	13.96	152	8983	0.321	ng		100
17) Acenaphthene	14.31	154	6069	0.340	ng		98
18) Fluorene	15.31	166	7316	0.330	ng		98
20) 4-Bromophenyl-phenylether	16.21	248	2262	0.312	ng		97
21) Hexachlorobenzene	16.32	284	3041	0.352	ng		99
22) Pentachlorophenol	16.74	266	246	0.322	ng		92
23) Phenanthrene	17.06	178	11768	0.332	ng		100
24) Anthracene	17.15	178	9744	0.304	ng		99
26) Fluoranthene	19.09	202	14257	0.342	ng		99
28) Pyrene	19.45	202	15091	0.289	ng		100
30) Benzo(a)anthracene	21.23	228	13463	0.299	ng		99
31) Chrysene	21.28	228	13800	0.298	ng		99
32) Bis(2-ethylhexyl)phthalate	21.14	149	5759	0.043	ng		99
33) Indeno(1,2,3-cd)pyrene	25.70	276	19769	0.357	ng		98
35) Benzo(b)fluoranthene	22.81	252	15165	0.331	ng		97
36) Benzo(k)fluoranthene	22.85	252	17447	0.351	ng		98
37) Benzo(a)pyrene	23.38	252	15862	0.358	ng		96
38) Dibenzo(a,h)anthracene	25.71	278	15434	0.350	ng		97
39) Benzo(g,h,i)perylene	26.39	276	17252	0.380	ng		96

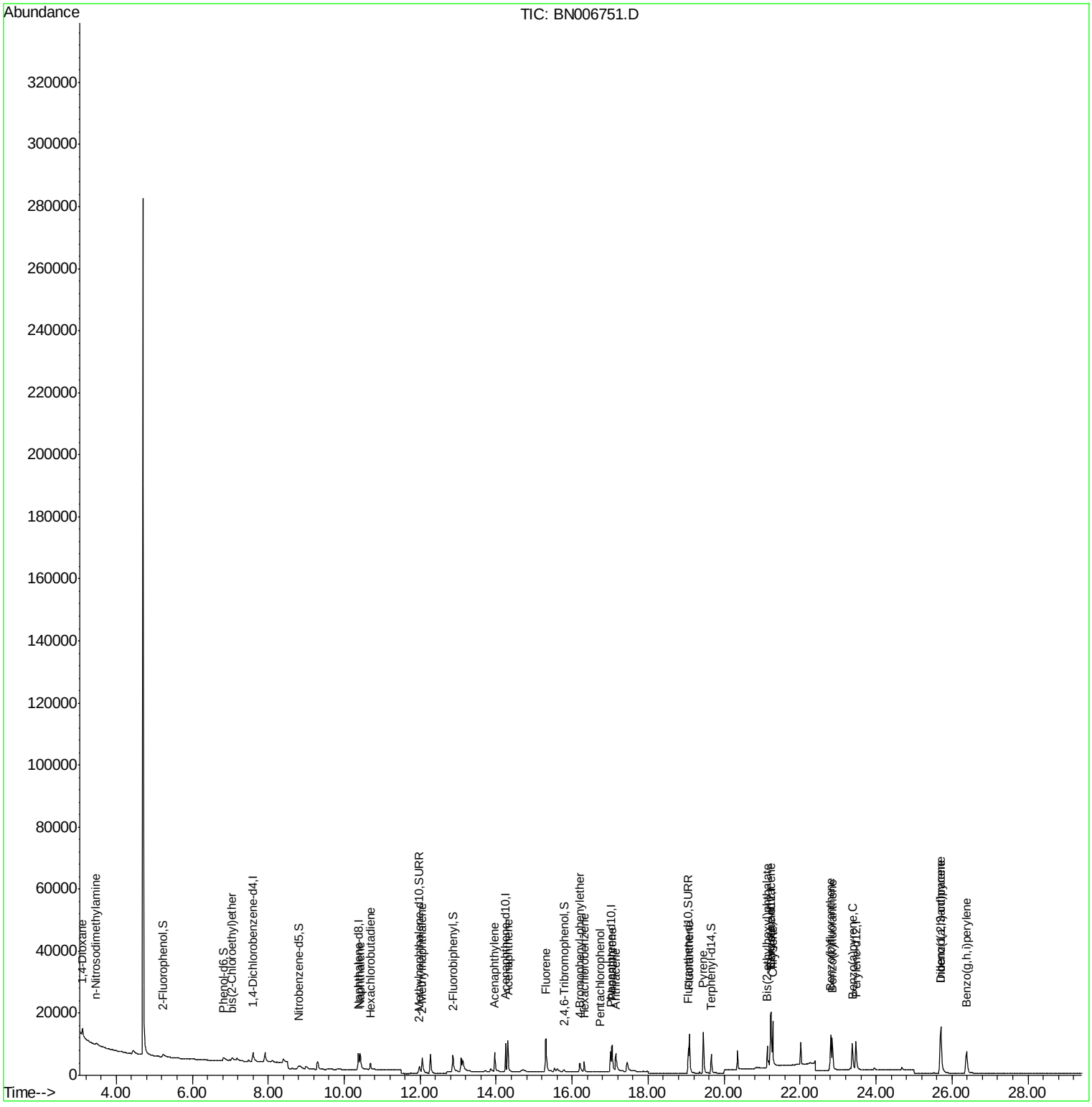
(#) = qualifier out of range (m) = manual integration (+) = signals summed

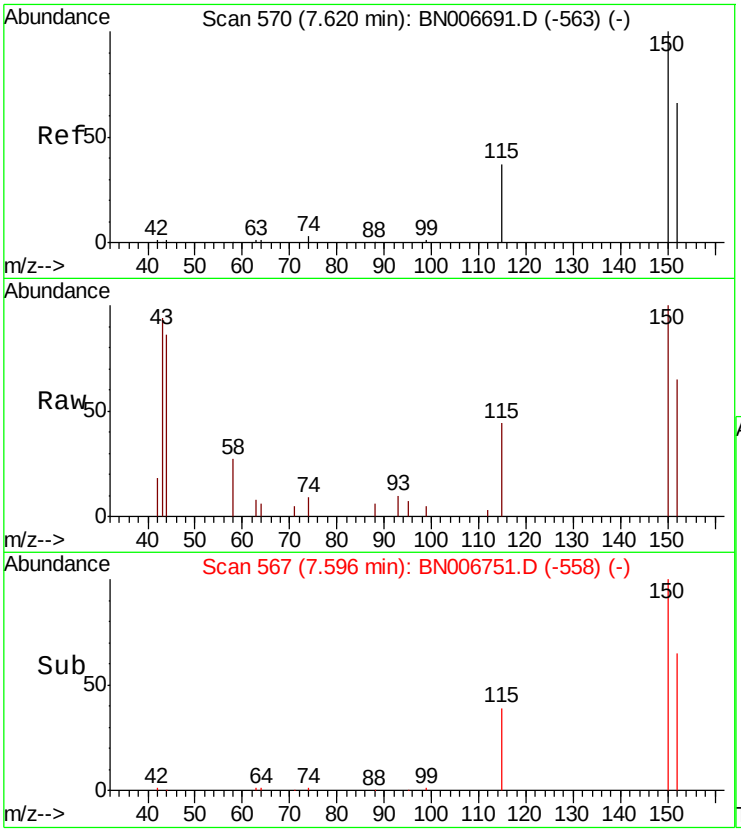
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
Data File : BN006751.D
Acq On : 08 Jul 2019 10:53
Operator : HP/JU
Sample : PB121057BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Quant Time: Jul 08 11:24:59 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



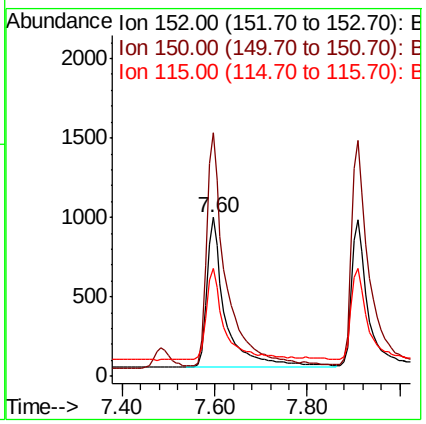


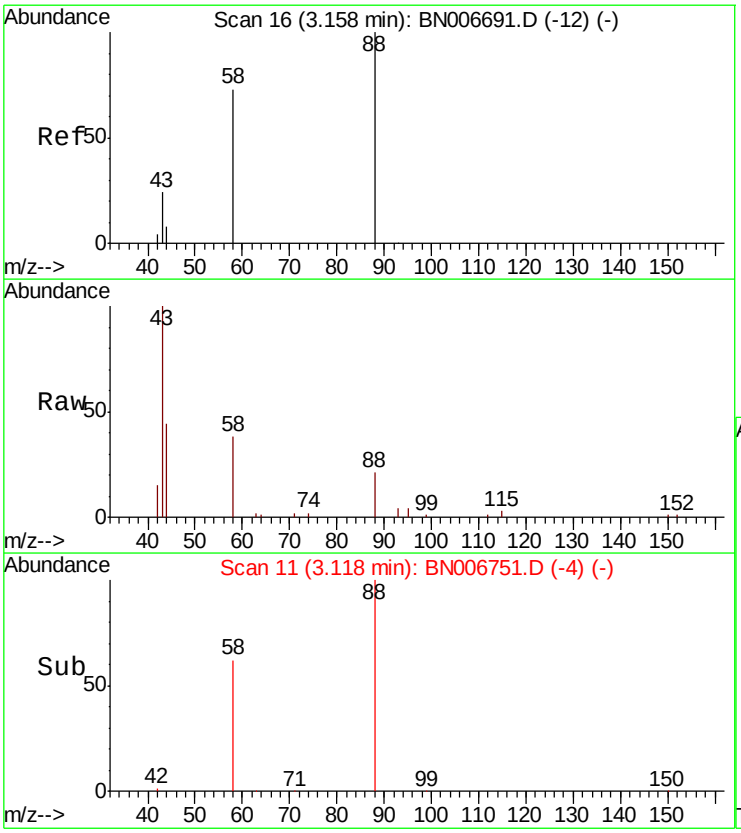
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:152 Resp: 2657

Ion	Ratio	Lower	Upper
152	100		
150	153.5	120.6	181.0
115	67.7	51.0	76.6

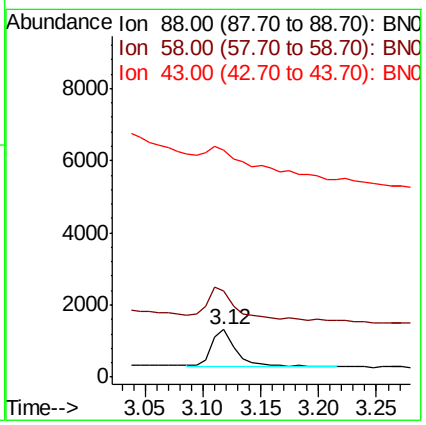


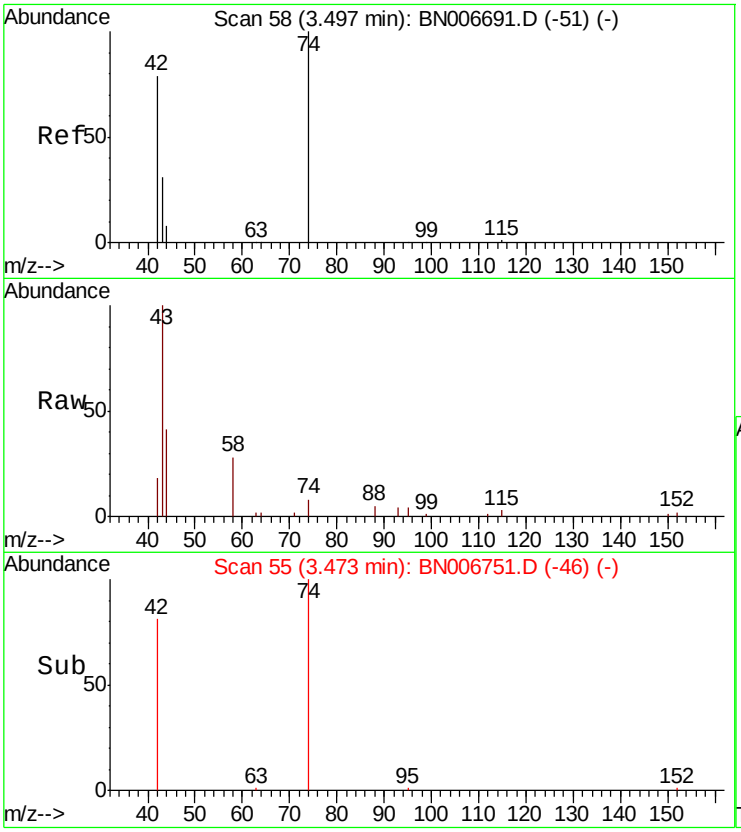


#2
1,4-Dioxane
Concen: 0.358 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion: 88 Resp: 1487

Ion	Ratio	Lower	Upper
88	100		
58	116.7	61.1	91.7#
43	0.0	32.4	48.6#



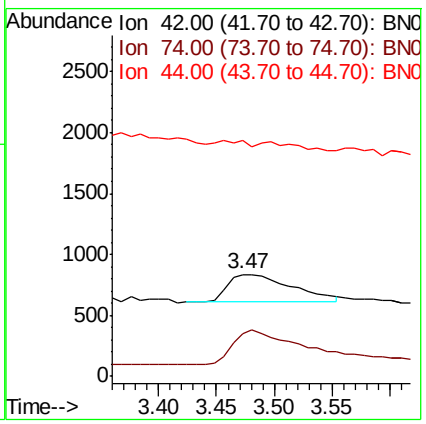


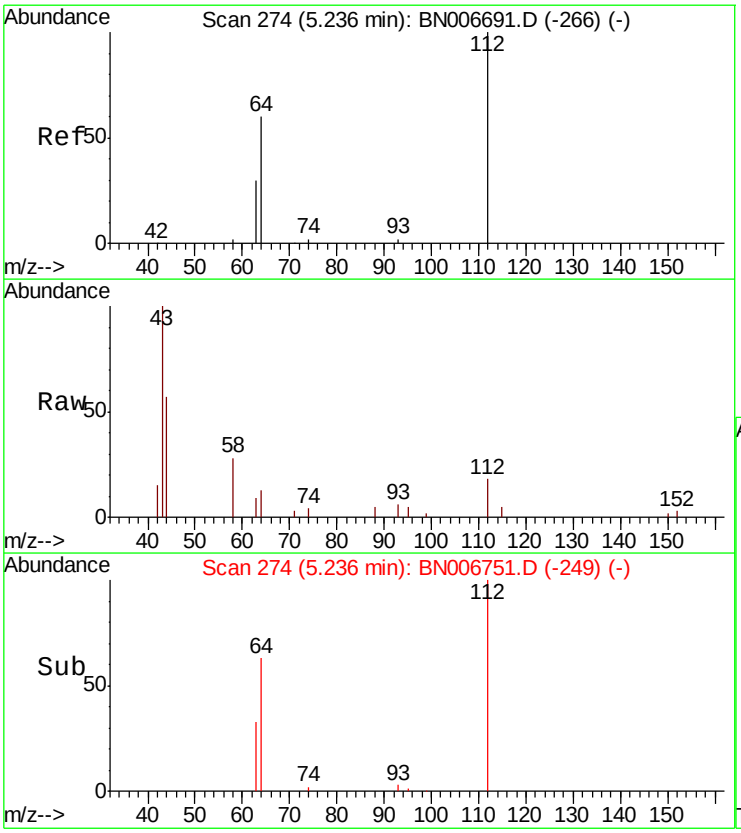
#3
n-Nitrosodimethylamine
Concen: 0.271 ng
RT: 3.47 min Scan# 55
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion: 42 Resp: 850

Ion	Ratio	Lower	Upper
42	100		
74	131.1	106.6	160.0
44	7.4	8.0	12.0#

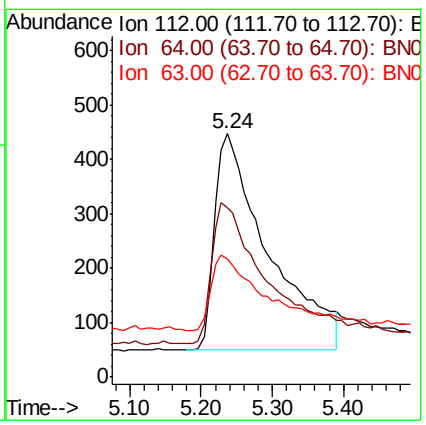


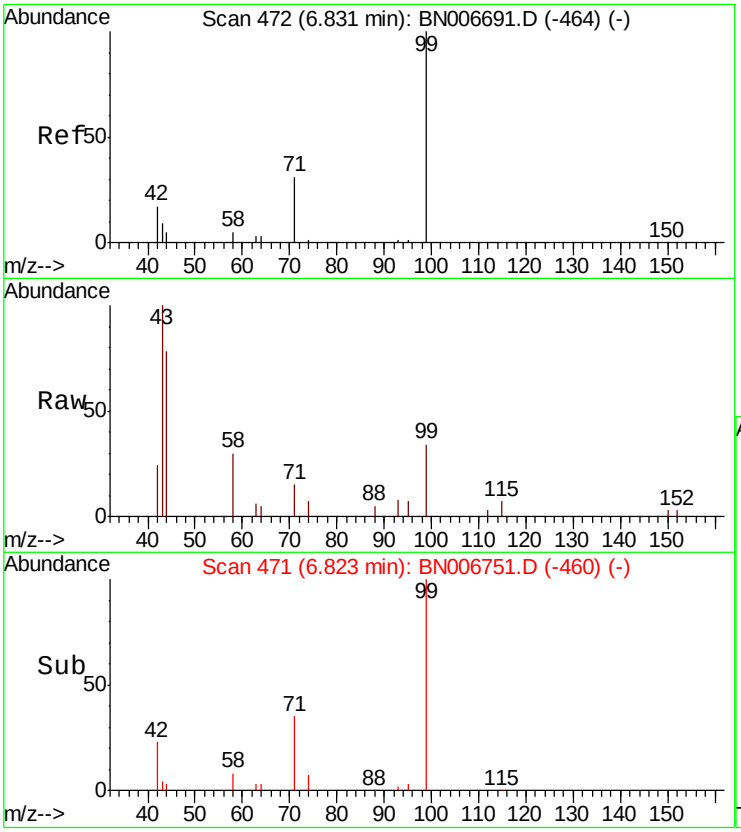


#4
2-Fluorophenol
Concen: 0.288 ng
RT: 5.24 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:112 Resp: 2080

Ion	Ratio	Lower	Upper
112	100		
64	66.7	49.8	74.6
63	36.1	25.8	38.6



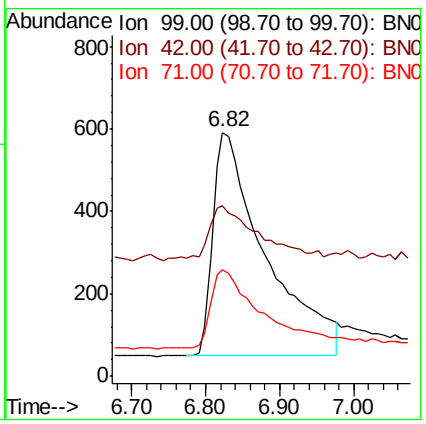


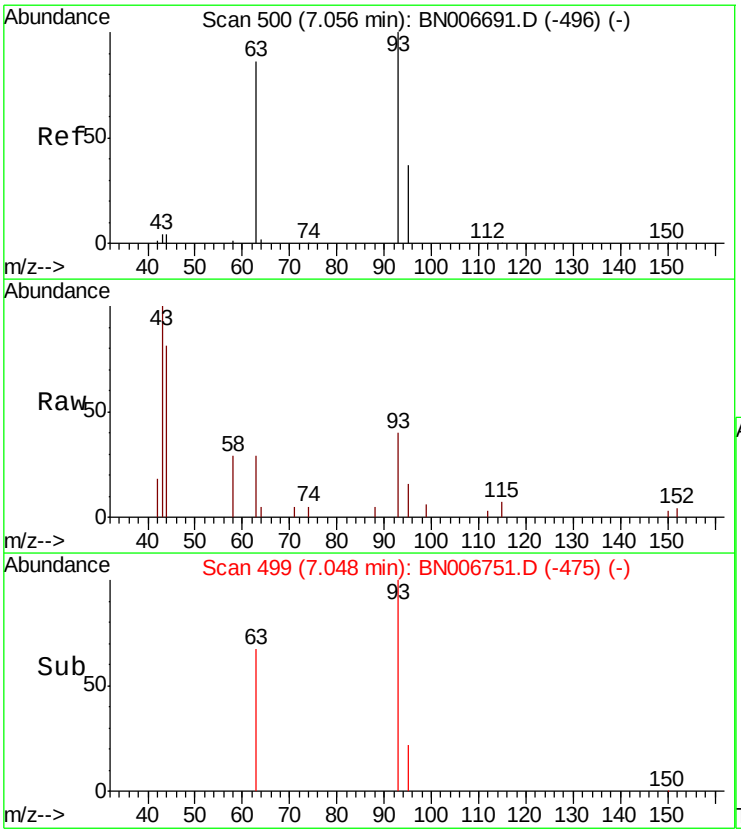
#5
Phenol-d6
Concen: 0.294 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion: 99 Resp: 2682

Ion	Ratio	Lower	Upper
99	100		
42	23.6	16.6	25.0
71	34.1	26.0	39.0

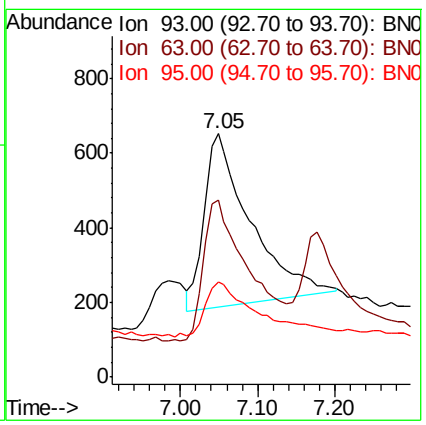


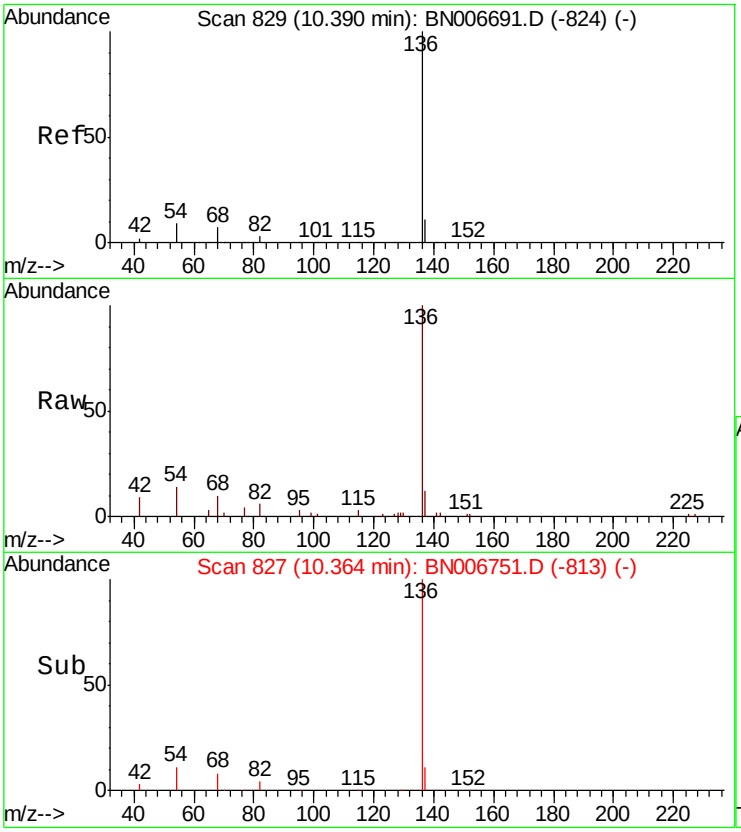


#6
bis(2-Chloroethyl)ether
Concen: 0.250 ng
RT: 7.05 min Scan# 499
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion: 93 Resp: 1927

Ion	Ratio	Lower	Upper
93	100		
63	79.8	58.6	87.8
95	37.0	28.3	42.5



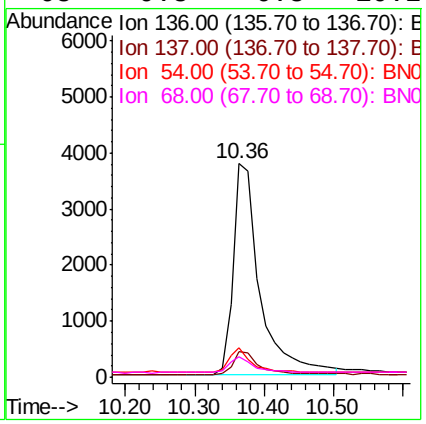


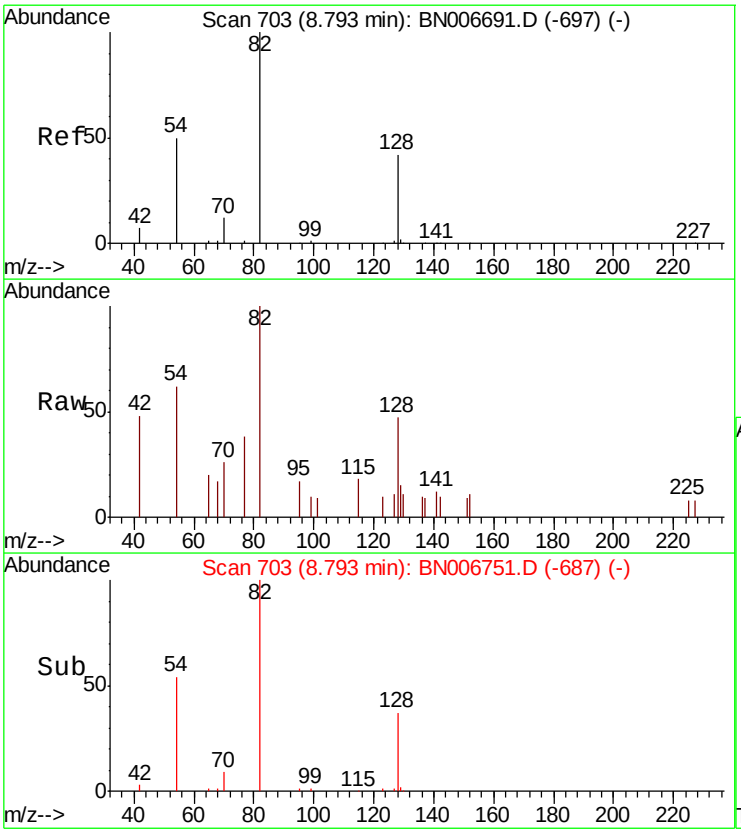
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:136 Resp: 10128

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	13.5	8.4	12.6#
68	9.8	6.8	10.2

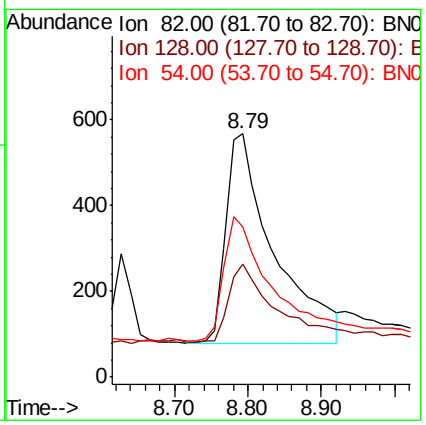


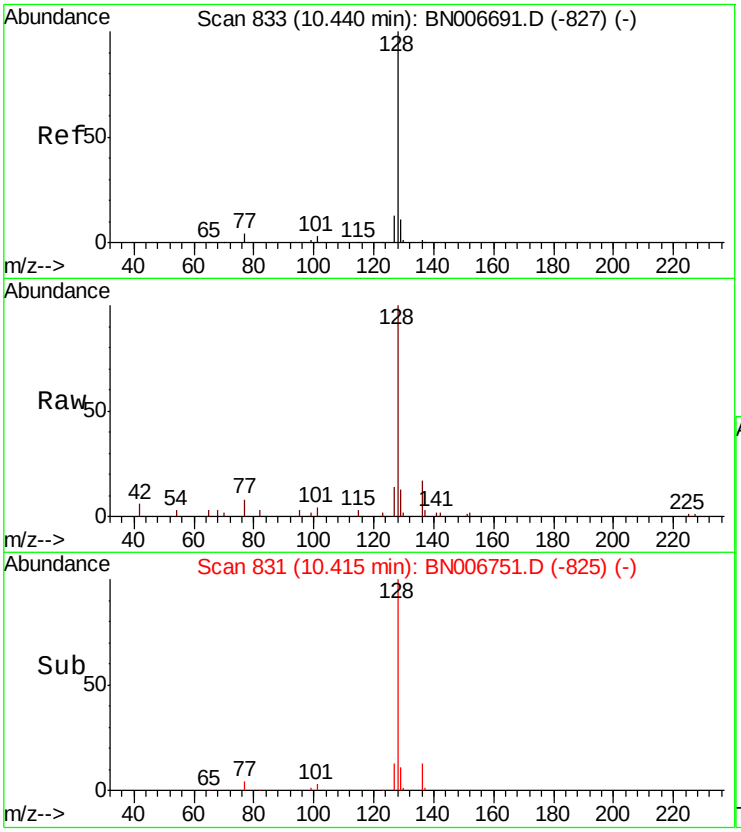


#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion: 82 Resp: 2216

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	61.8	44.5	66.7



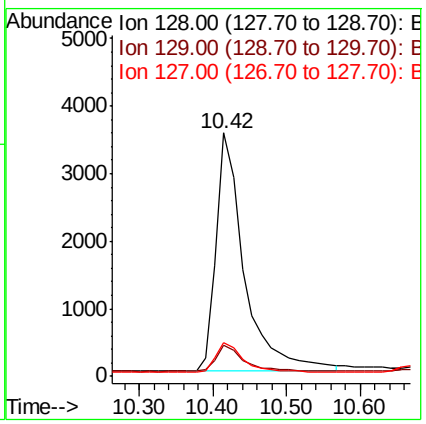


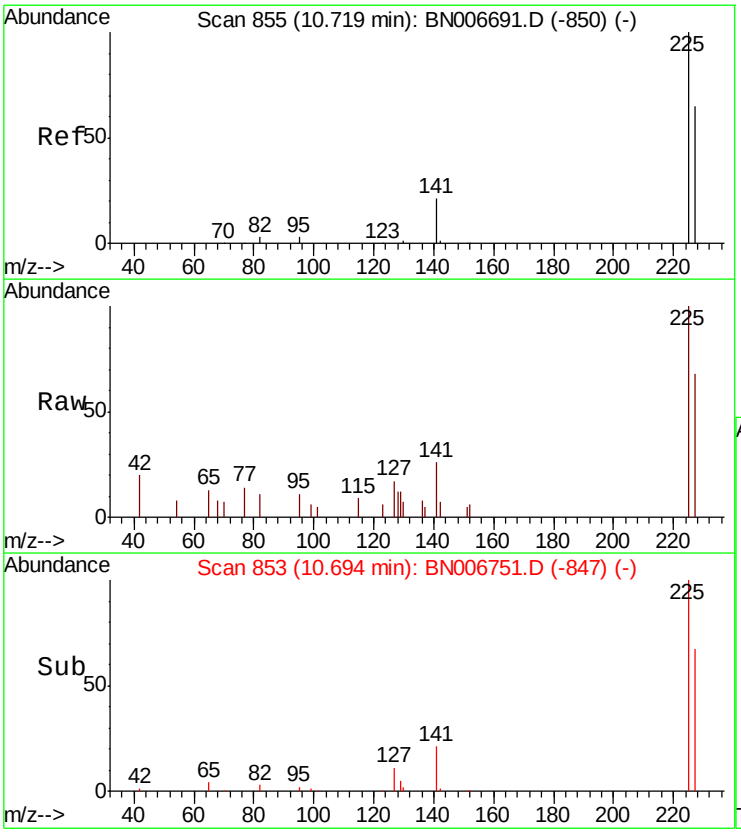
#9
Naphthalene
Concen: 0.340 ng
RT: 10.42 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:128 Resp: 9429

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.6	14.4
127	14.1	11.0	16.4

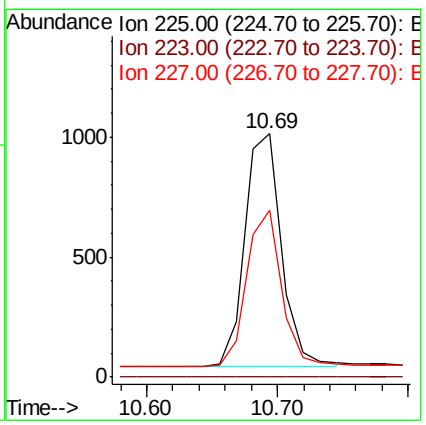


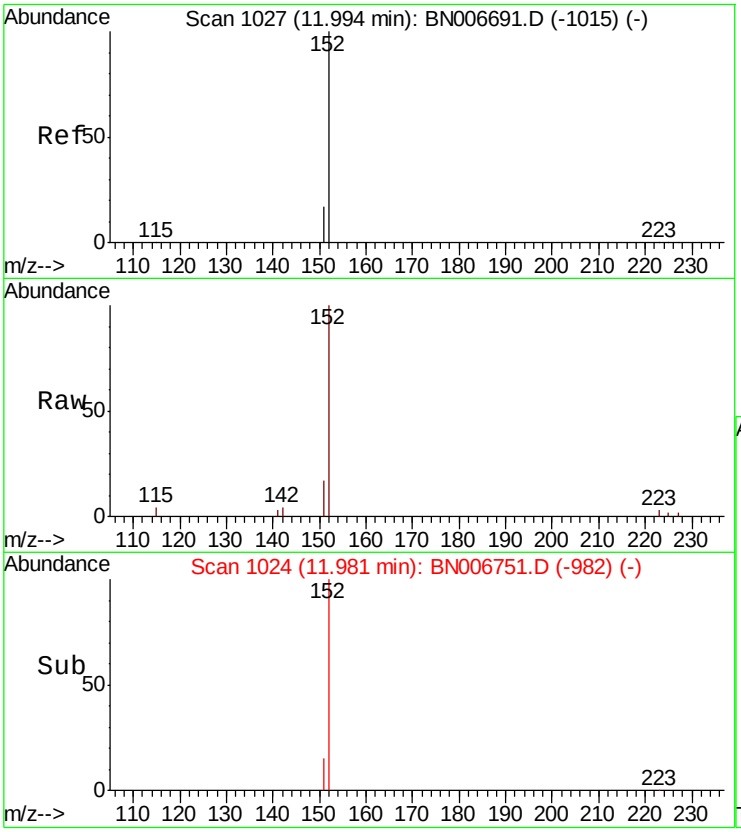


#10
Hexachlorobutadiene
Concen: 0.335 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:225 Resp: 1878

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.9	76.3



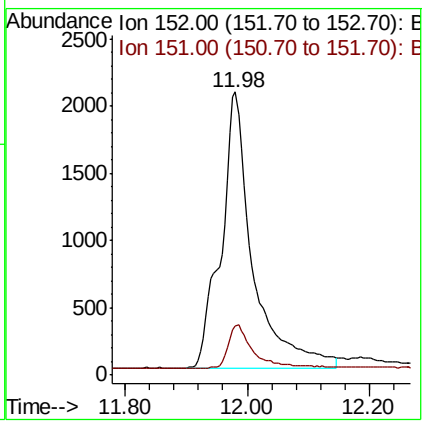


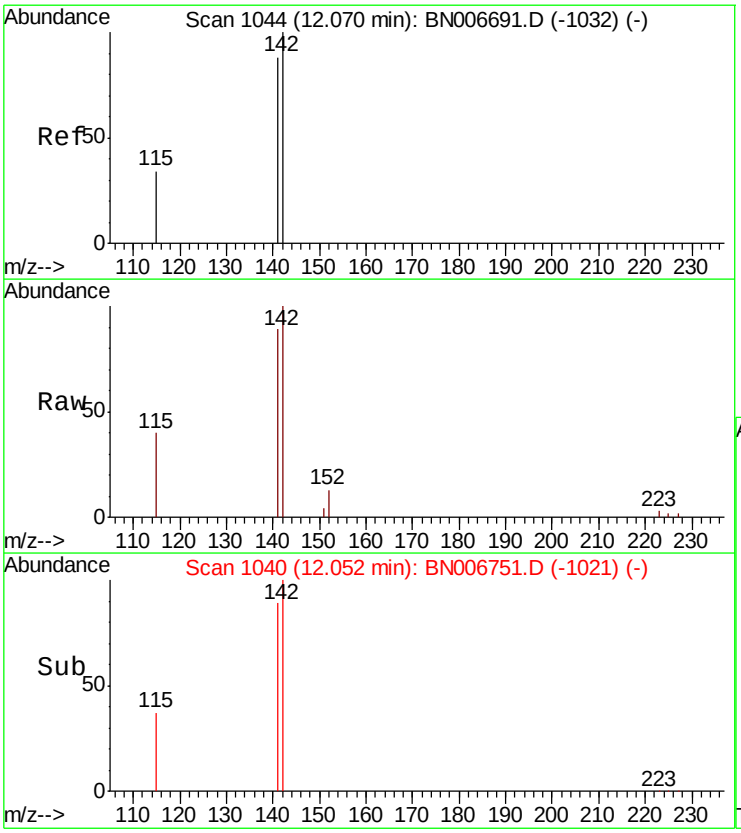
#11
2-Methylnaphthalene-d10
Concen: 0.482 ng
RT: 11.98 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:152 Resp: 7334

Ion	Ratio	Lower	Upper
152	100		
151	13.2	14.9	22.3#

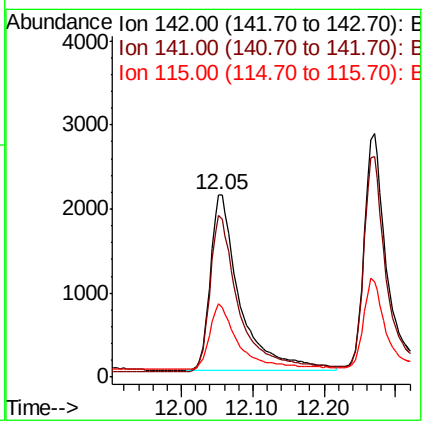


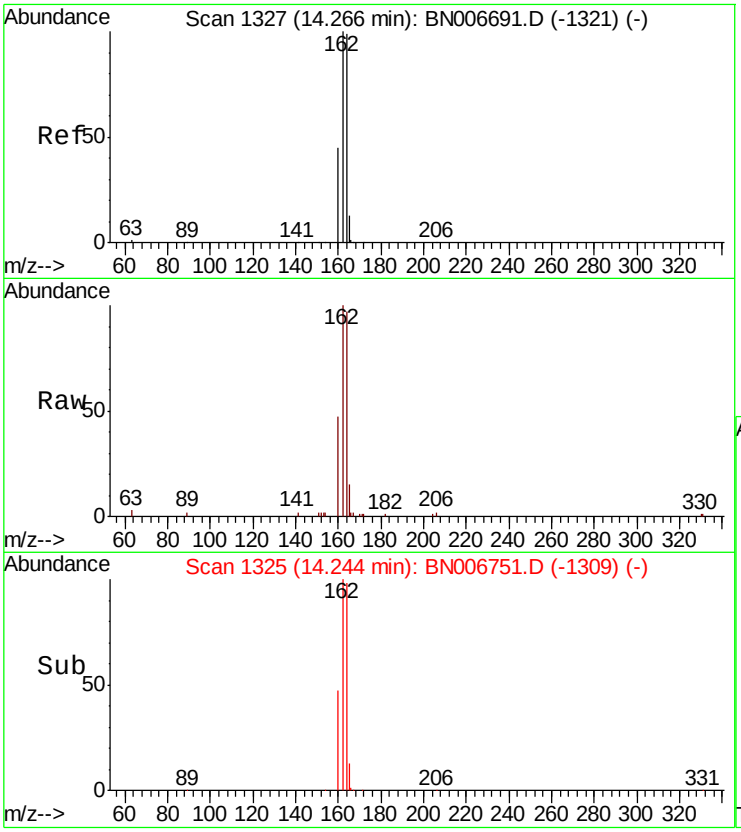


#12
2-Methylnaphthalene
Concen: 0.299 ng
RT: 12.05 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:142 Resp: 6059

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	40.3	28.9	43.3



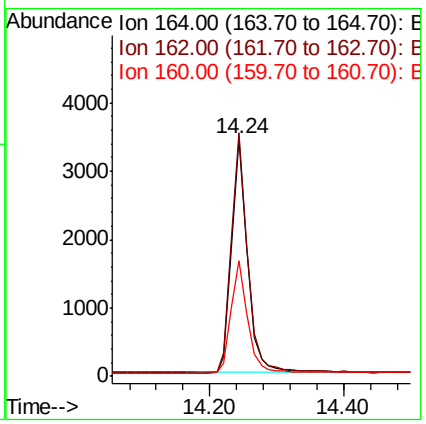


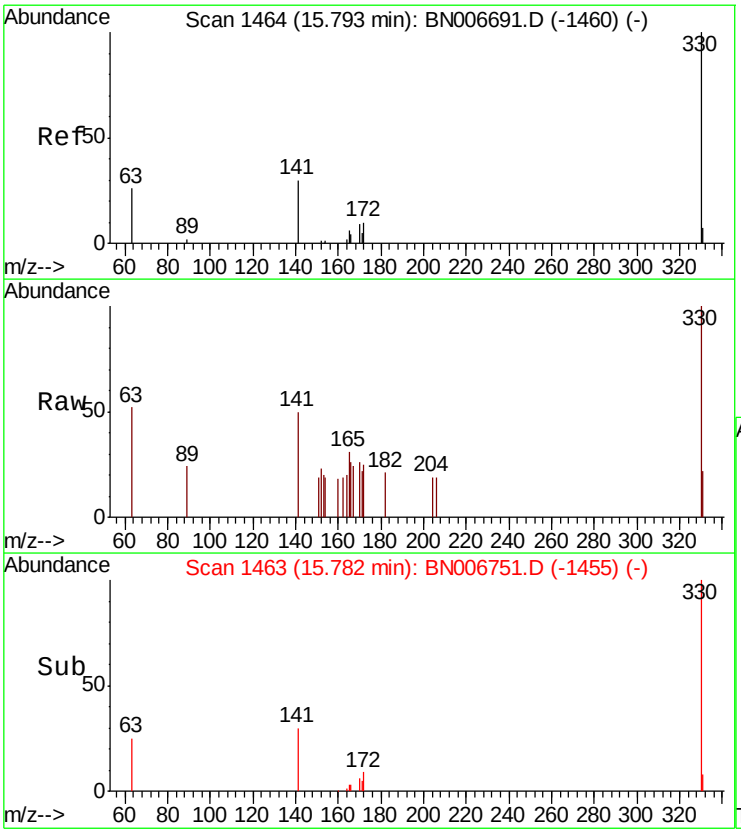
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:164 Resp: 5621

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.8	121.2
160	48.5	37.0	55.6

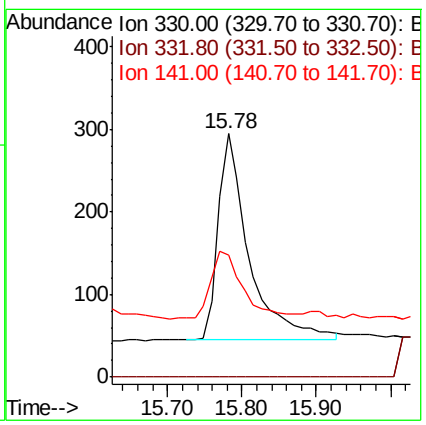


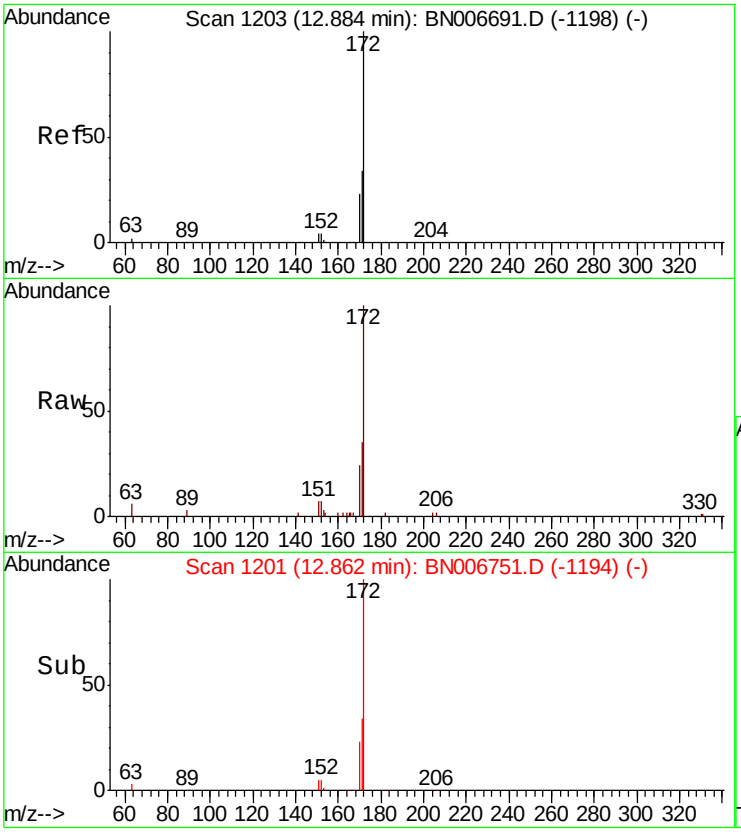


#14
2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:330 Resp: 721

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.2	24.8	37.2



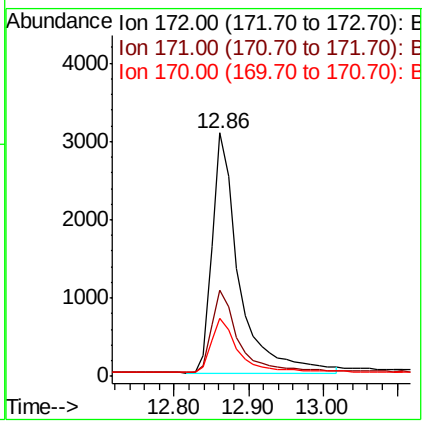


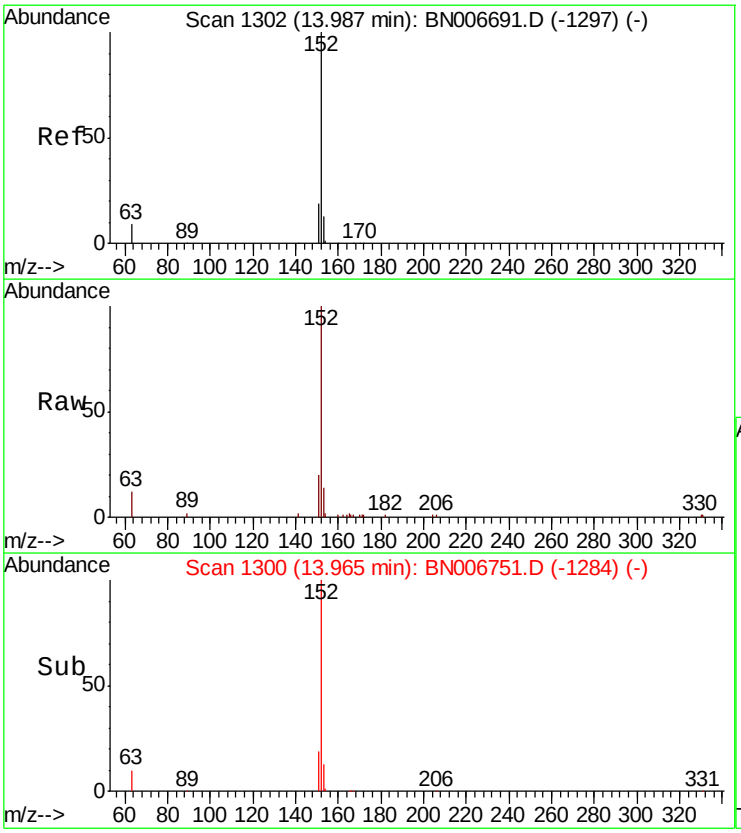
#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:172 Resp: 7685

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	24.1	18.9	28.3

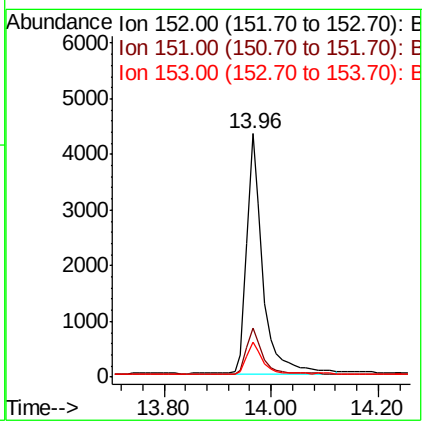


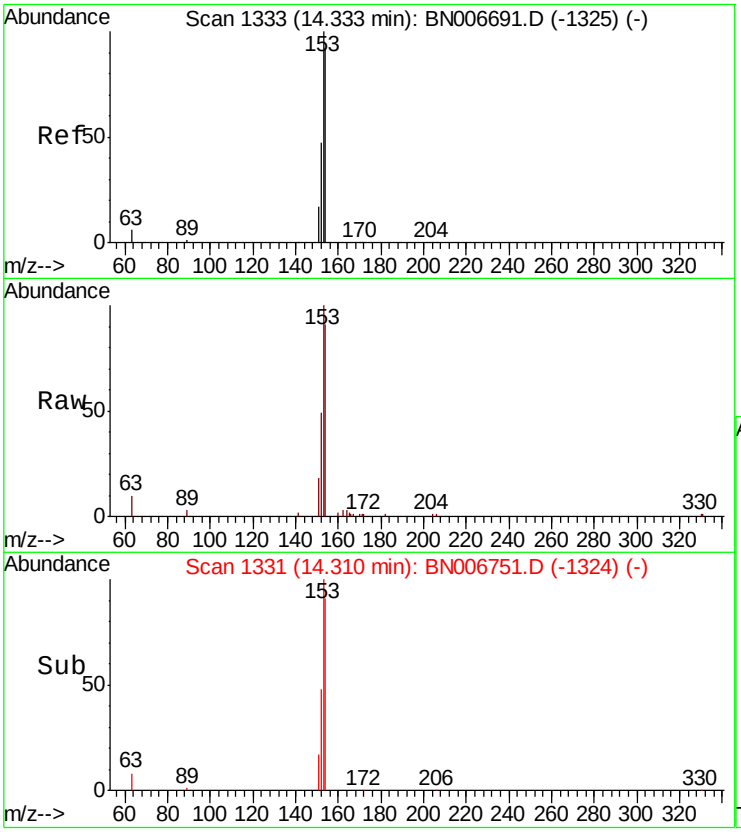


#16
Acenaphthylene
Concen: 0.321 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:152 Resp: 8983

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.1	10.6	15.8



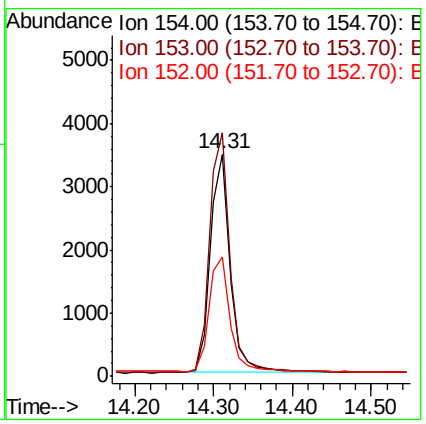


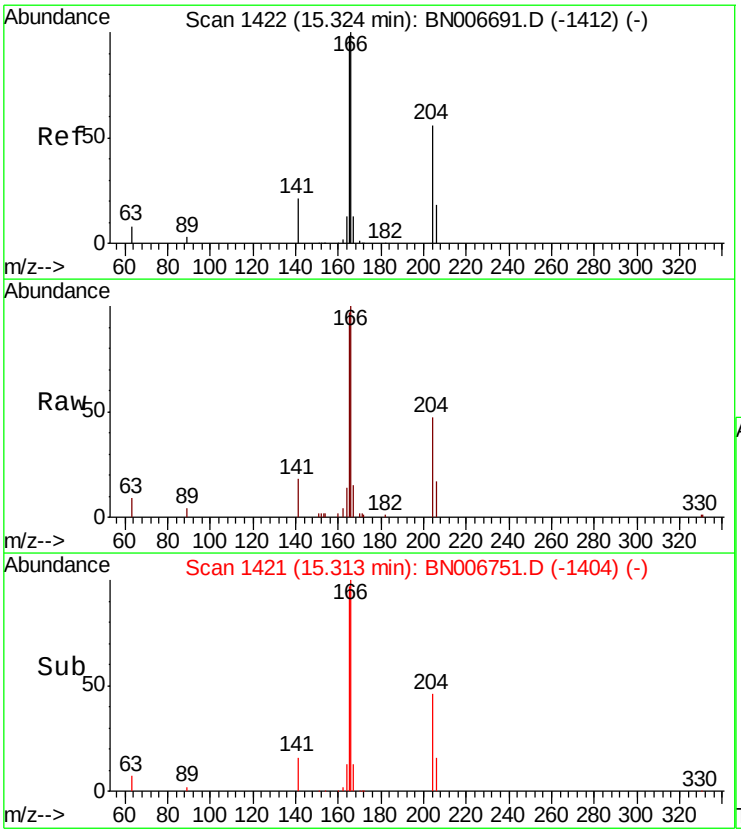
#17
Acenaphthene
Concen: 0.340 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:154 Resp: 6069

Ion	Ratio	Lower	Upper
154	100		
153	113.6	88.9	133.3
152	55.0	42.8	64.2

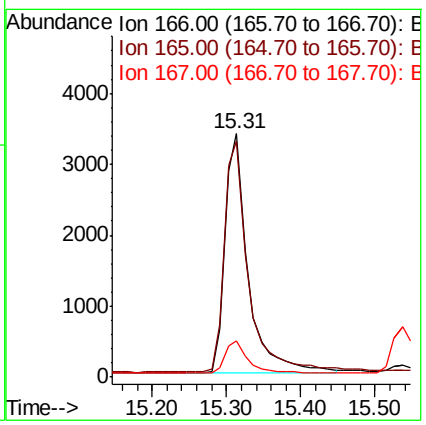


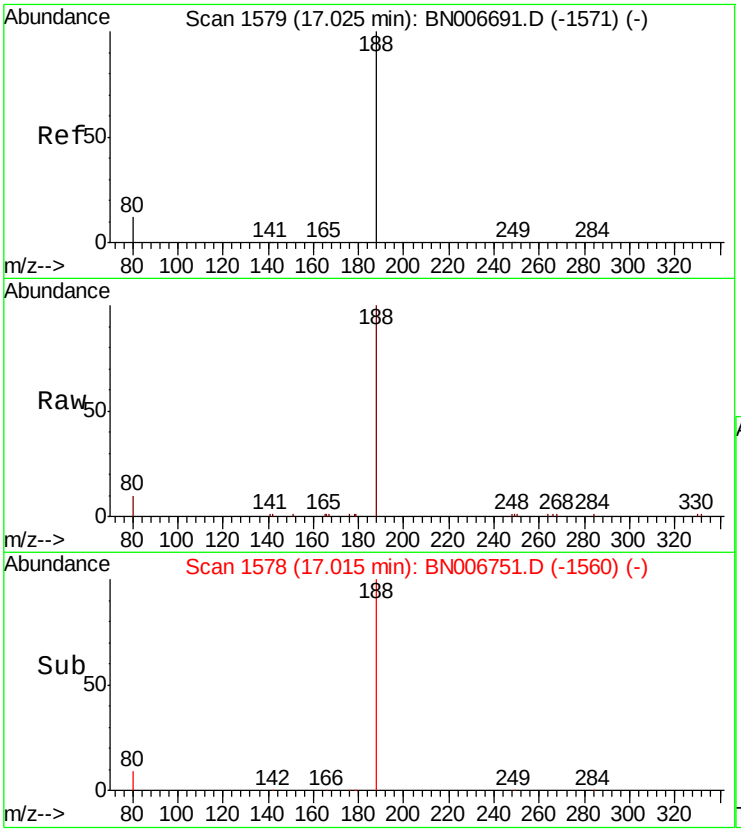


#18
Fluorene
Concen: 0.330 ng
RT: 15.31 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:166 Resp: 7316

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.0	117.0
167	13.8	10.7	16.1



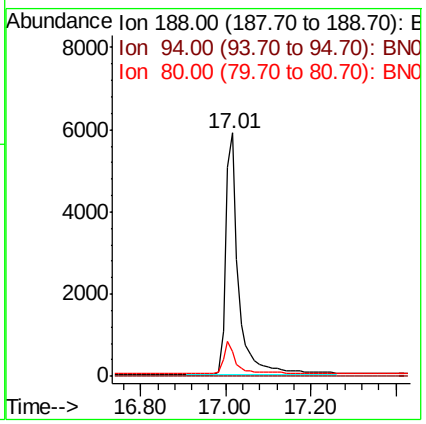


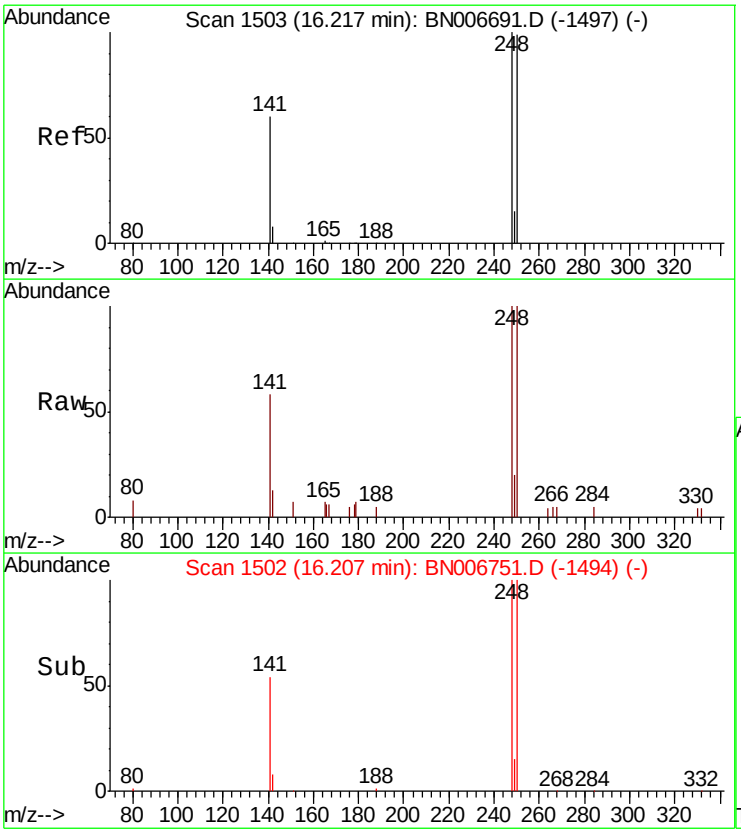
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:188 Resp: 12315

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	10.3	15.5#

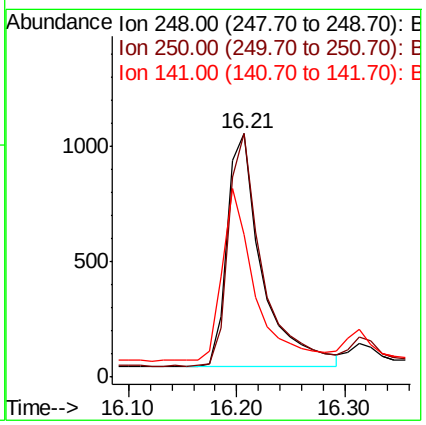


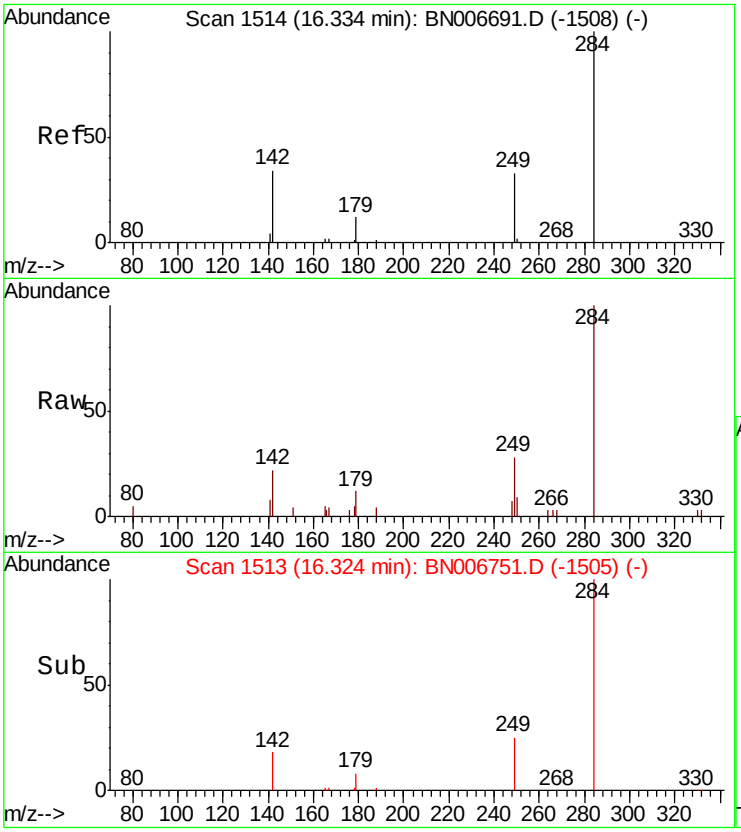


#20
4-Bromophenyl-phenylether
Concen: 0.312 ng
RT: 16.21 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:248 Resp: 2262

Ion	Ratio	Lower	Upper
248	100		
250	100.1	79.0	118.6
141	58.5	50.2	75.4



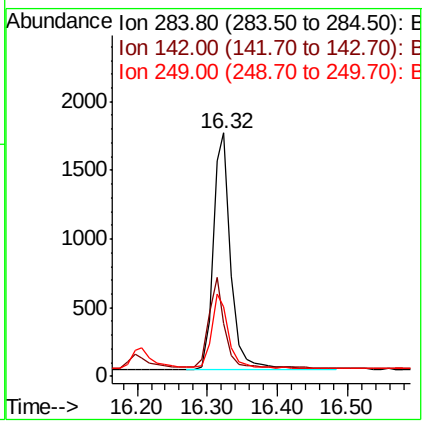


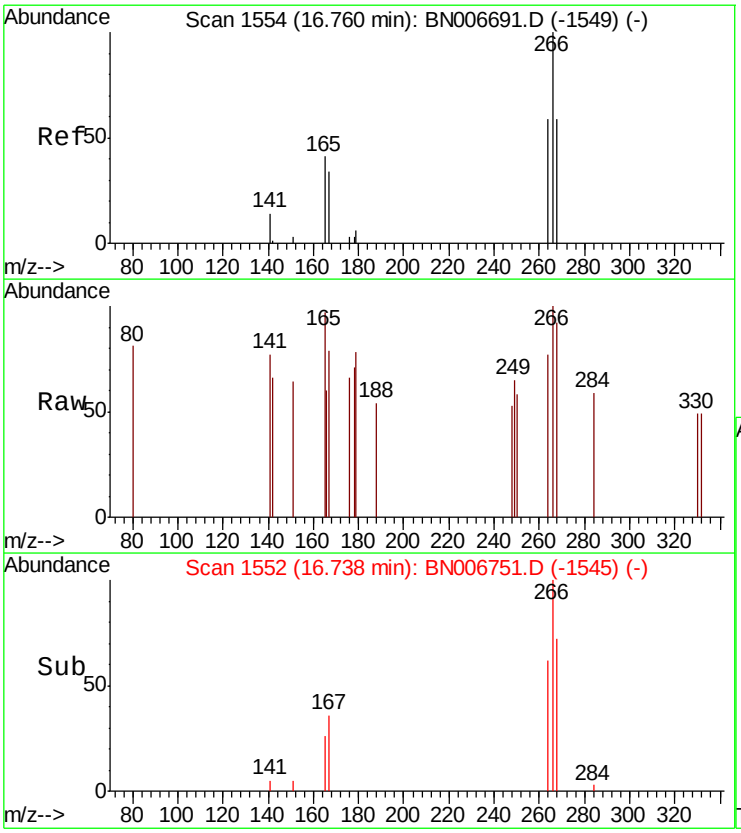
#21
Hexachlorobenzene
Concen: 0.352 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:284 Resp: 3041

Ion	Ratio	Lower	Upper
284	100		
142	34.7	26.9	40.3
249	30.4	24.4	36.6

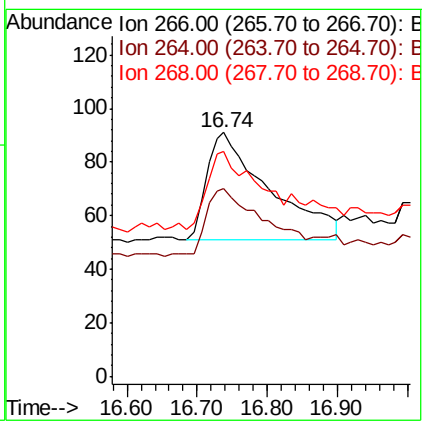


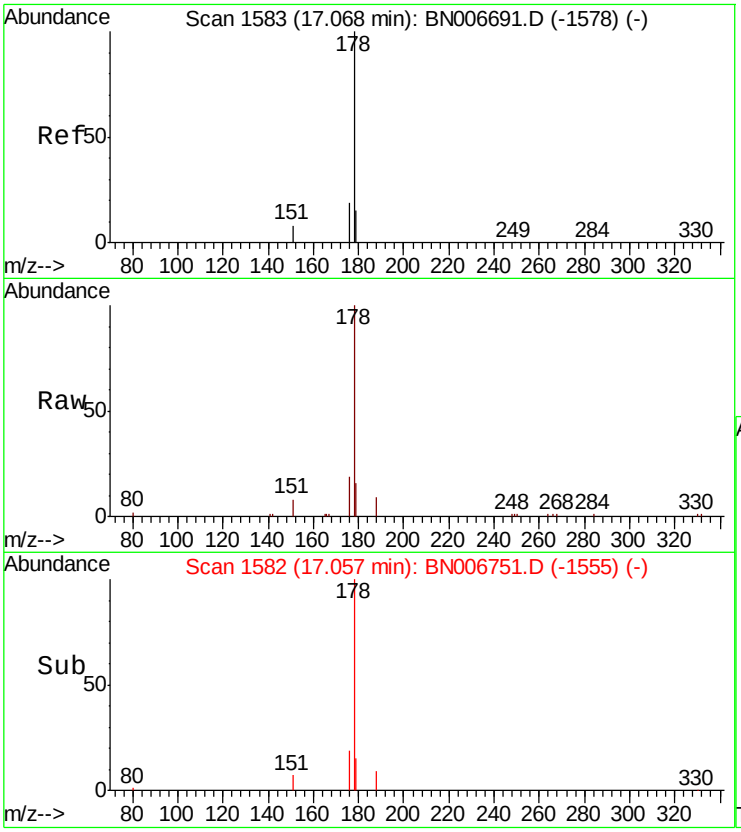


#22
Pentachlorophenol
Concen: 0.322 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:266 Resp: 246

Ion	Ratio	Lower	Upper
266	100		
264	76.9	57.6	86.4
268	92.3	66.6	99.8



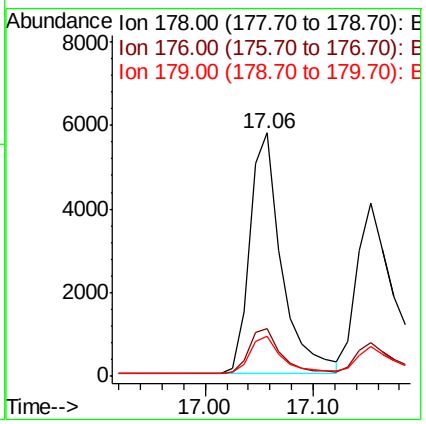


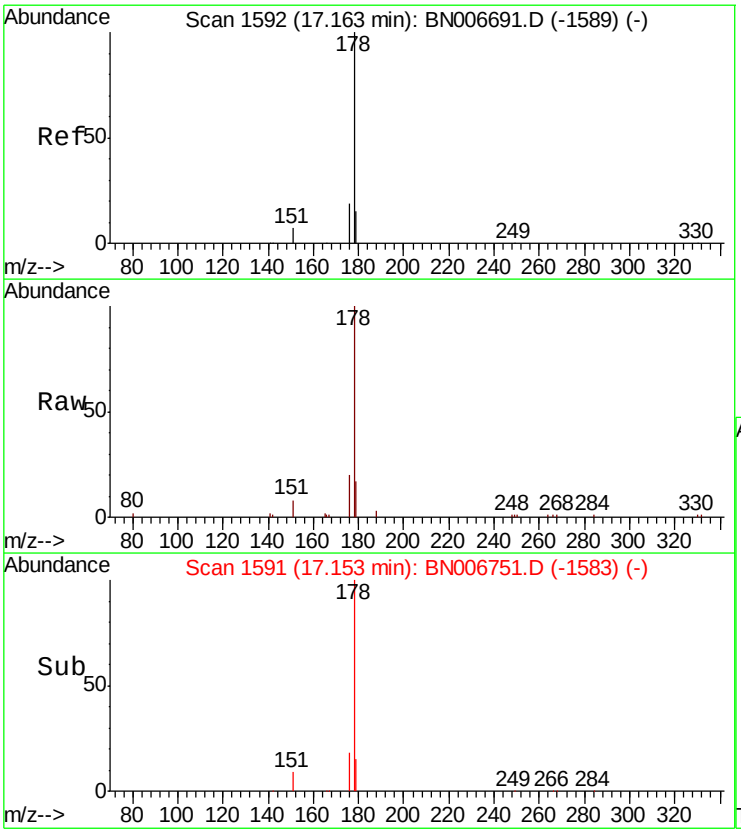
#23
Phenanthrene
Concen: 0.332 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:178 Resp: 11768

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.7	12.4	18.6

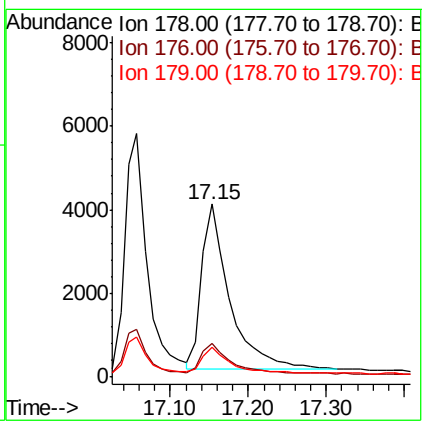


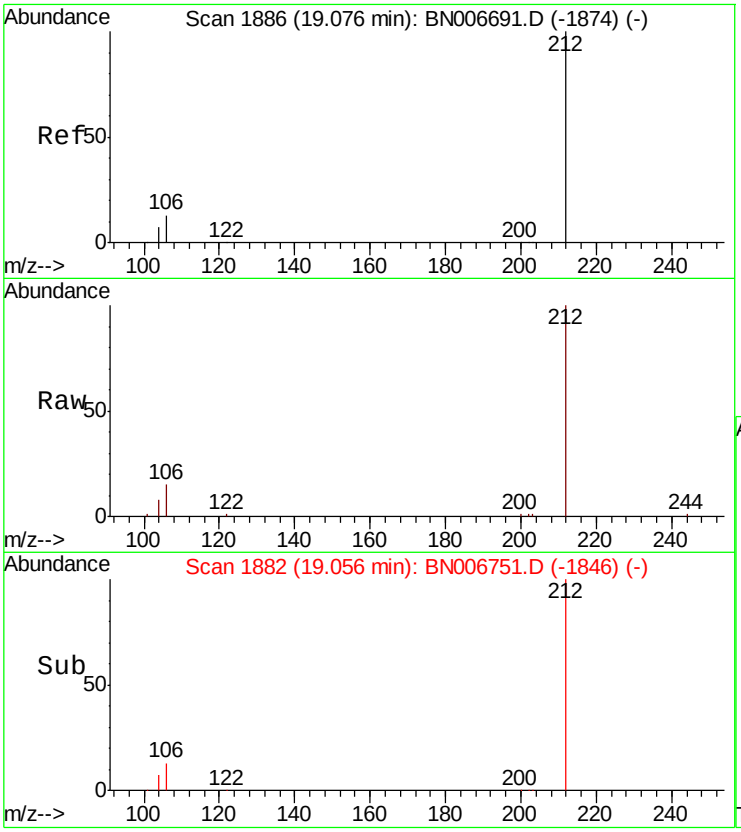


#24
Anthracene
Concen: 0.304 ng
RT: 17.15 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:178 Resp: 9744

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.4	11.9	17.9



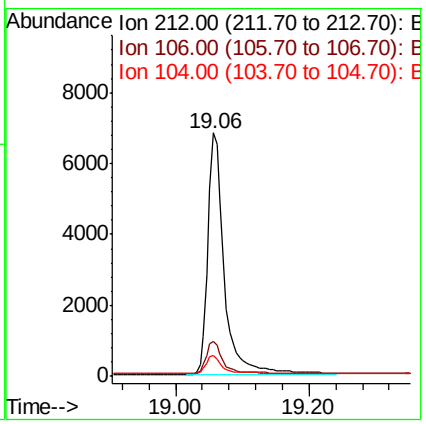


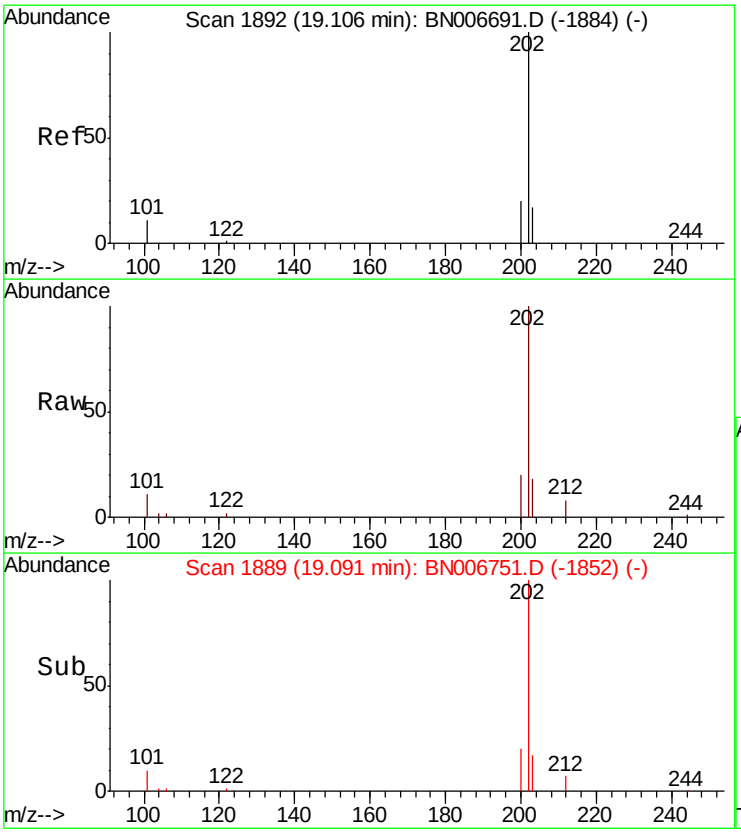
#25
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.06 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:212 Resp: 11735

Ion	Ratio	Lower	Upper
212	100		
106	13.5	11.0	16.6
104	7.3	6.1	9.1

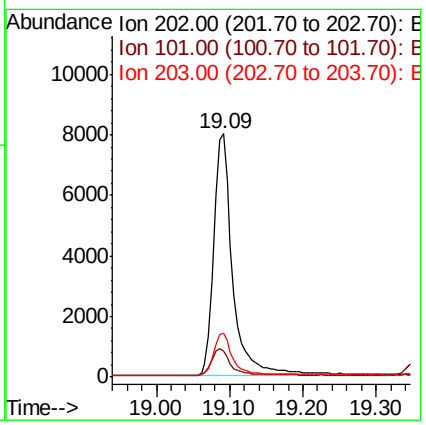


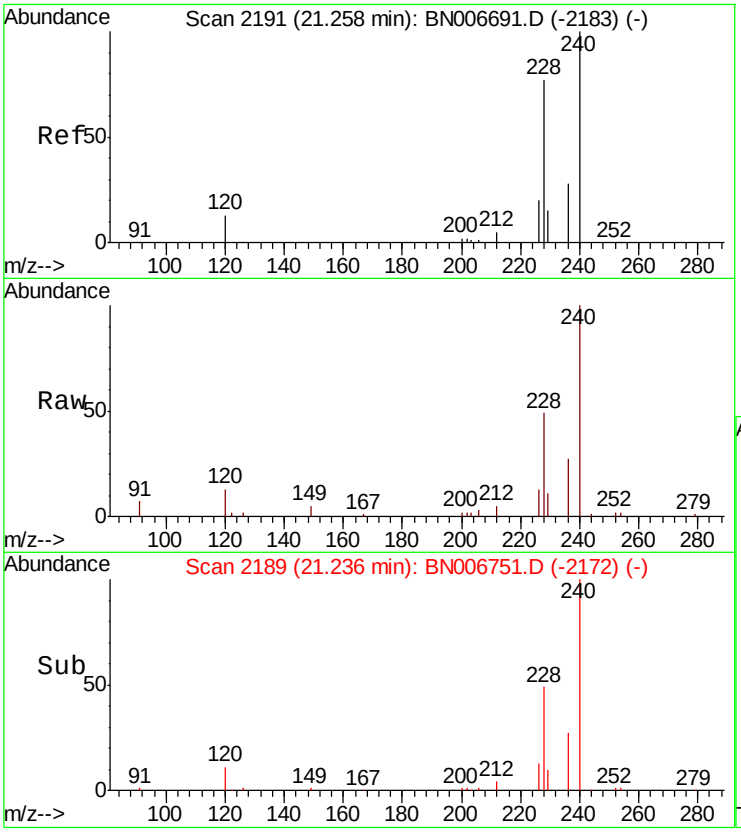


#26
Fluoranthene
Concen: 0.342 ng
RT: 19.09 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:202 Resp: 14257

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.7	13.1
203	17.3	13.8	20.6



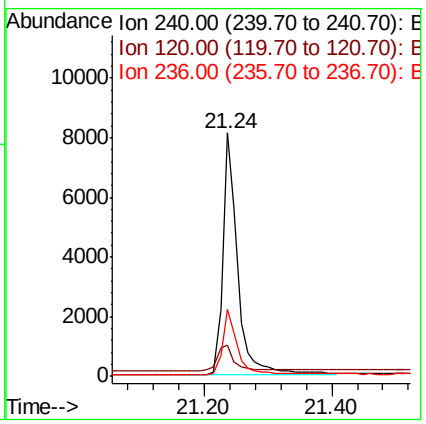


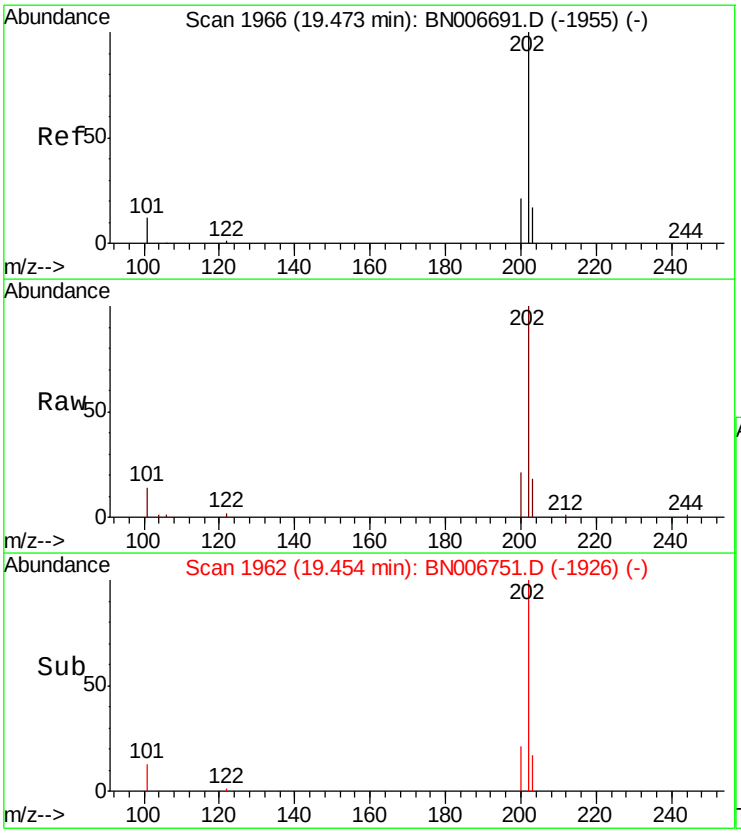
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:240 Resp: 13037

Ion	Ratio	Lower	Upper
240	100		
120	12.9	12.9	19.3#
236	27.5	23.2	34.8

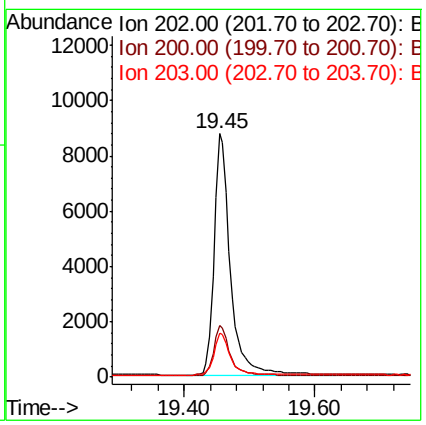


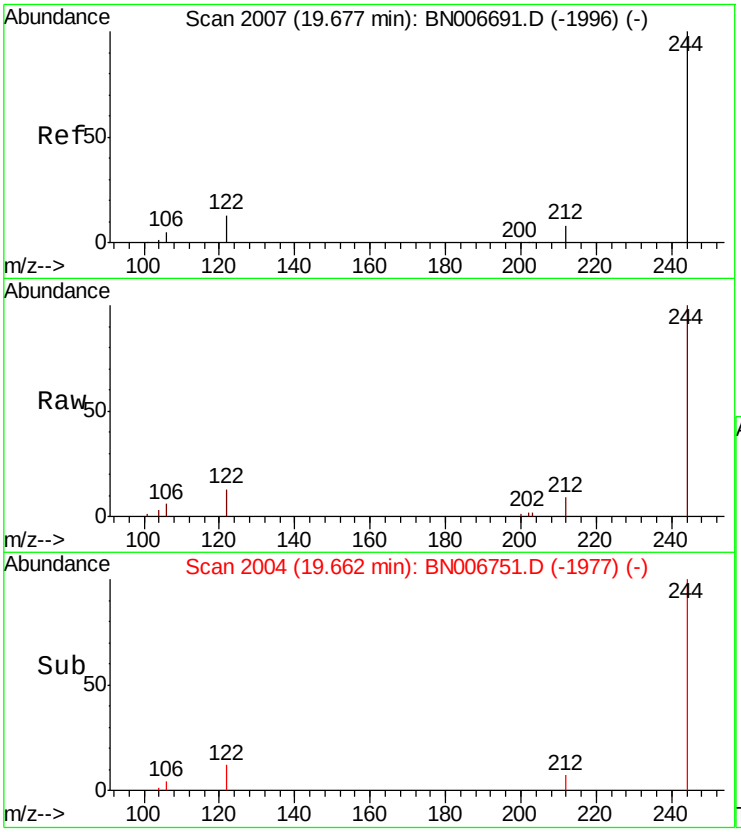


#28
Pyrene
Concen: 0.289 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:202 Resp: 15091

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.7	14.2	21.2



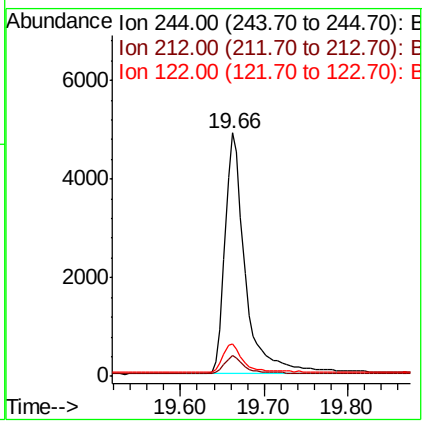


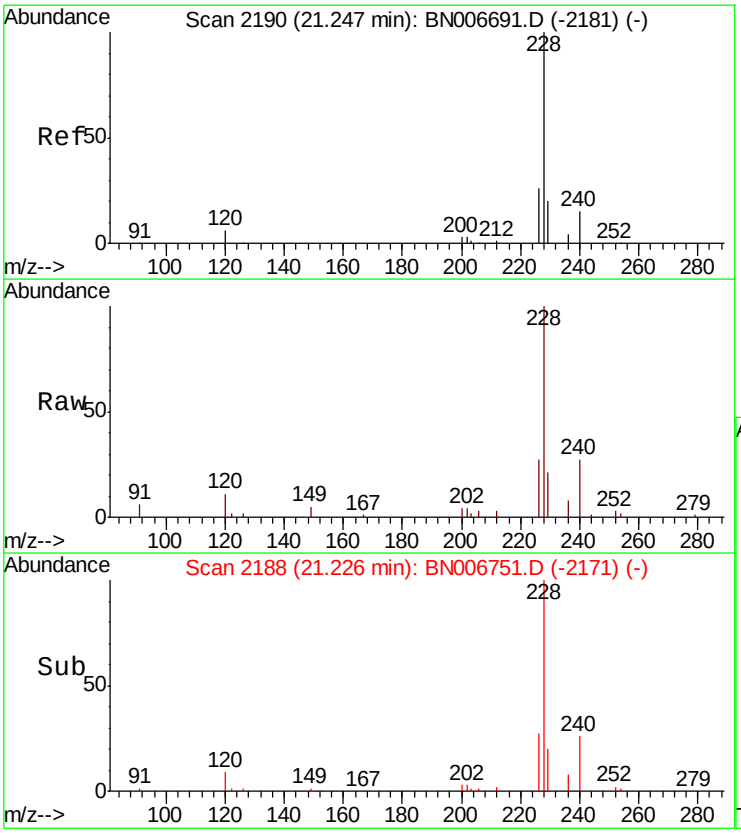
#29
Terphenyl-d14
Concen: 0.279 ng
RT: 19.66 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:244 Resp: 8383

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	13.4	11.5	17.3

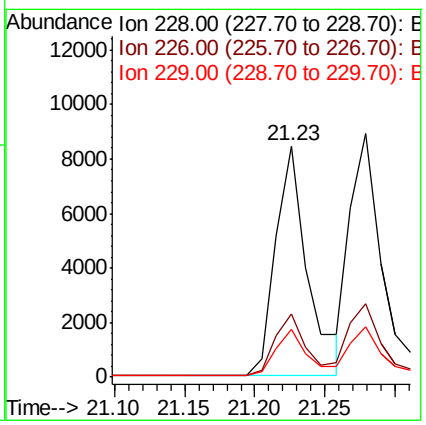


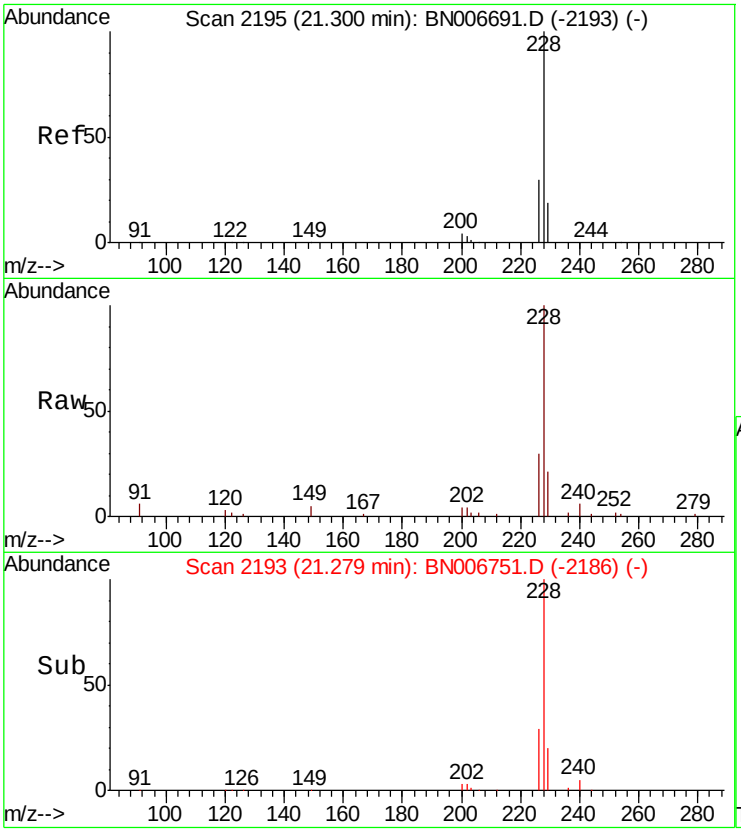


#30
Benzo(a)anthracene
Concen: 0.299 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:228 Resp: 13463

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.5	32.3
229	20.6	16.2	24.4



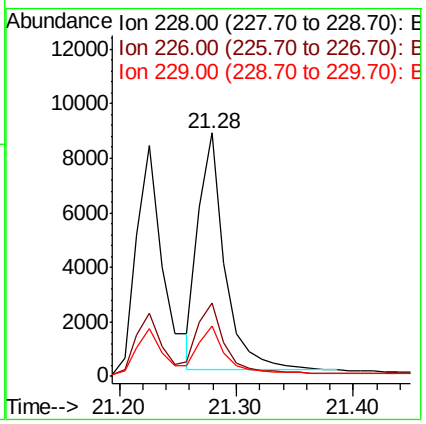


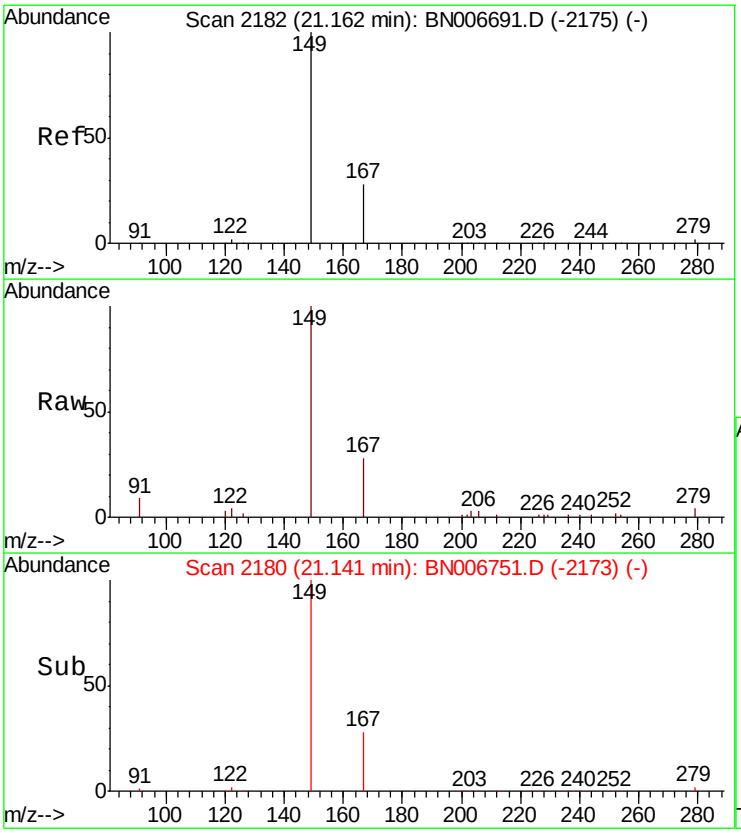
#31
Chrysene
Concen: 0.298 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:228 Resp: 13800

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	20.6	15.8	23.6

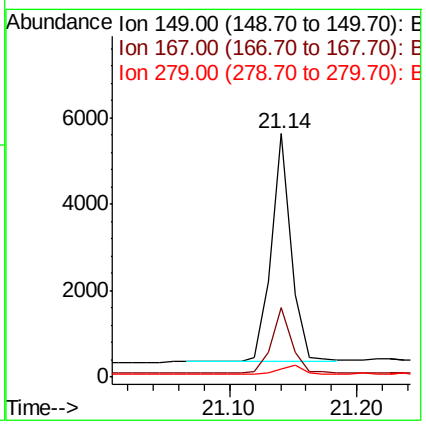


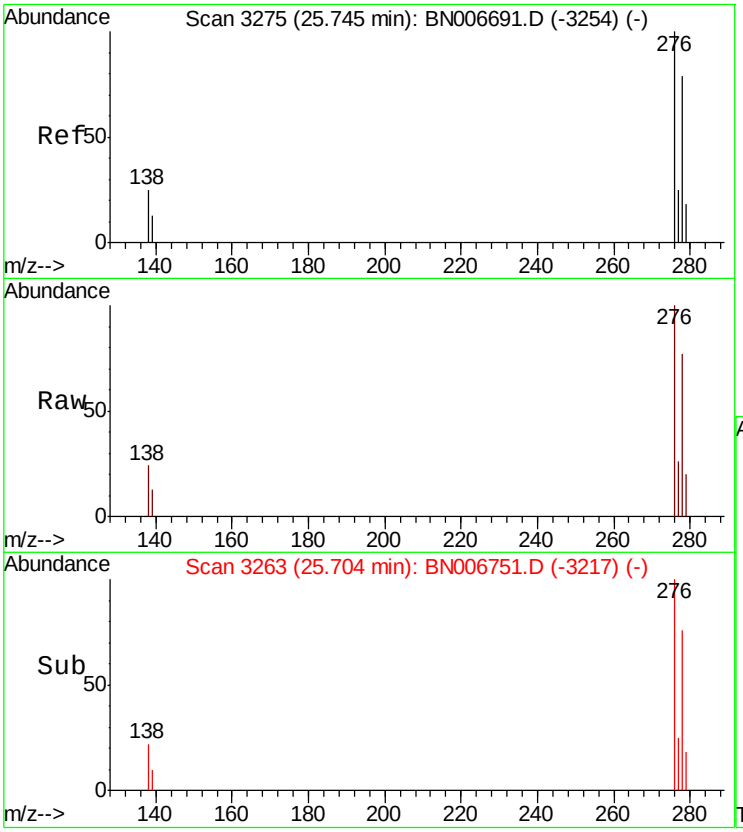


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.043 ng
RT: 21.14 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:149 Resp: 5759

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.4	3.2	4.8



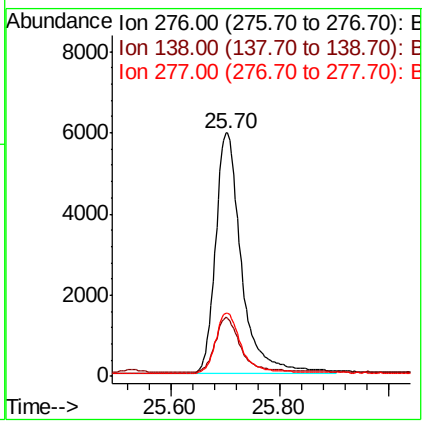


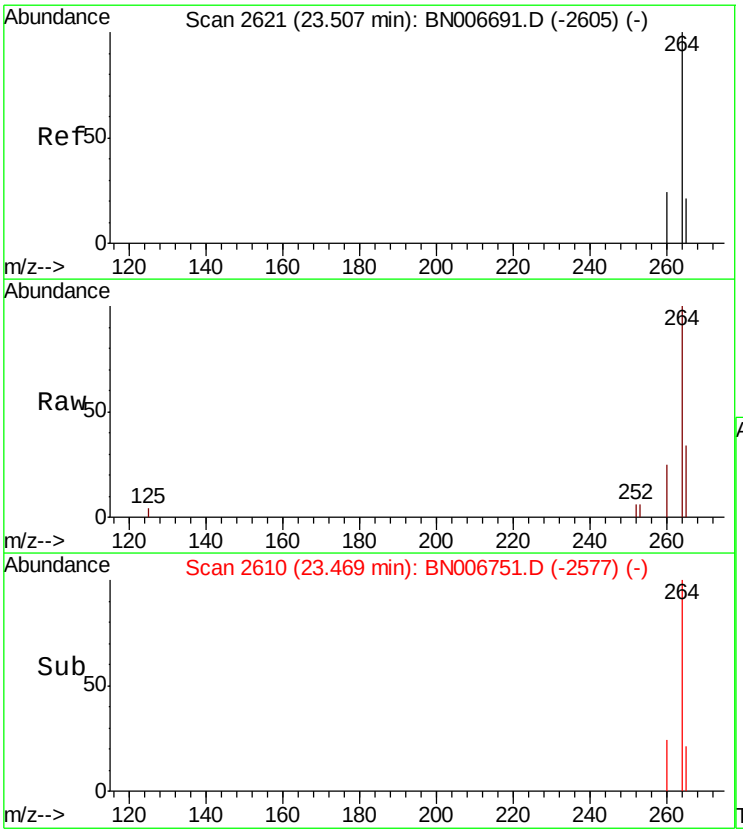
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 25.70 min Scan# 3263
Delta R.T. -0.04 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:276 Resp: 19769

Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.5	29.3
277	24.8	19.7	29.5

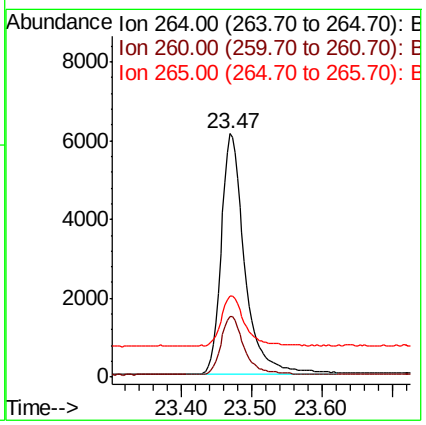


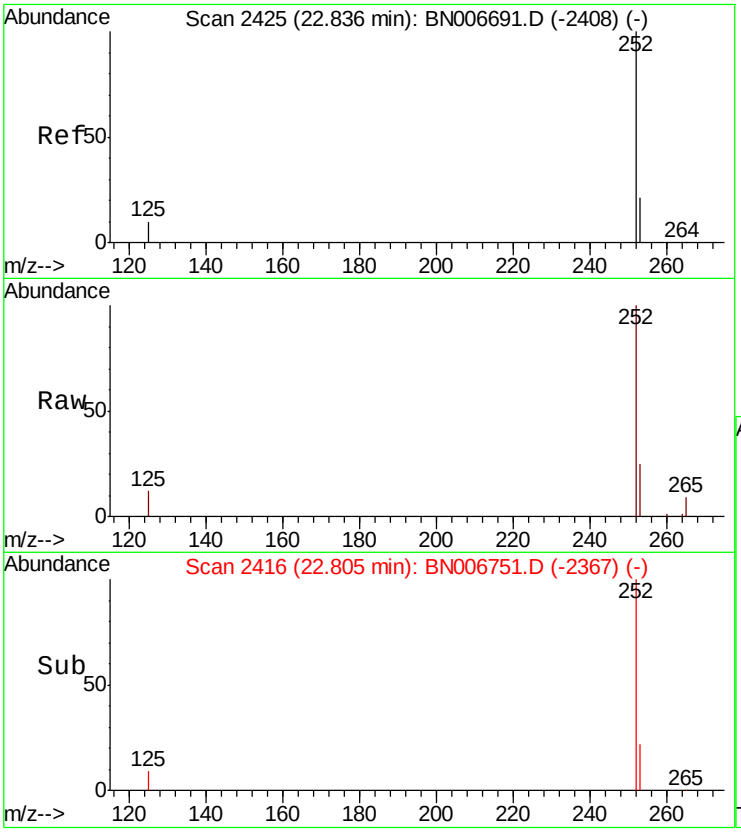


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2610
Delta R.T. -0.04 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:264 Resp: 14263

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	33.5	33.7	50.5#



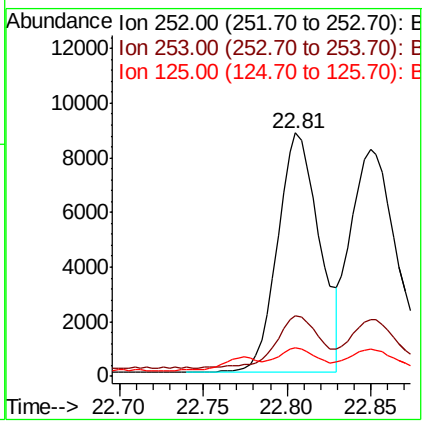


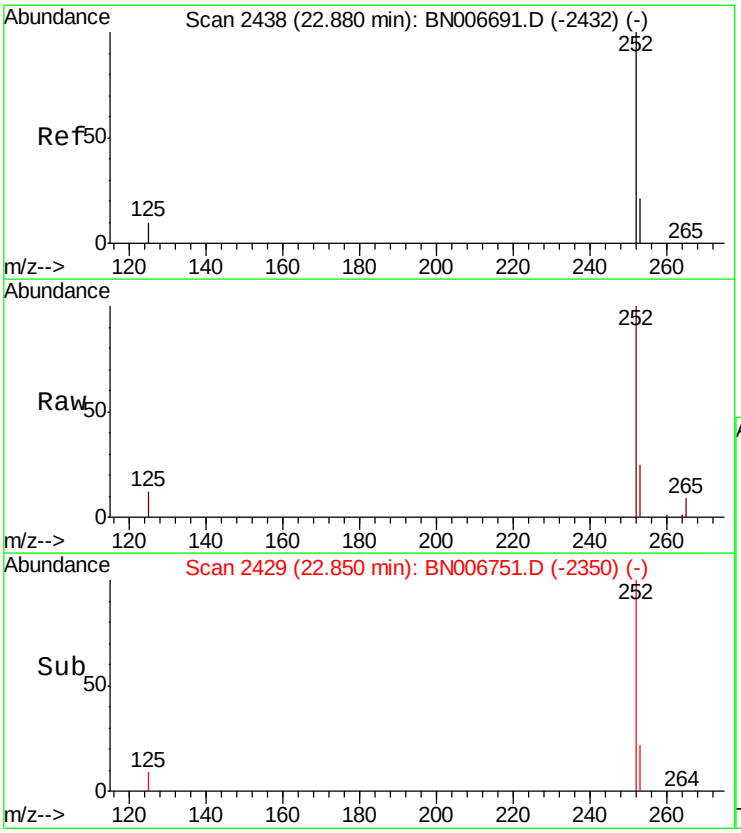
#35
Benzo(b)fluoranthene
Concen: 0.331 ng
RT: 22.81 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:252 Resp: 15165

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.2	30.2
125	11.6	11.5	17.3

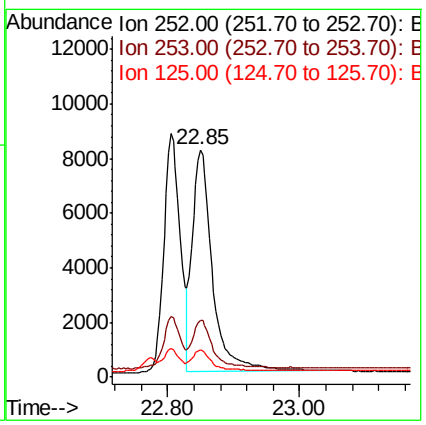


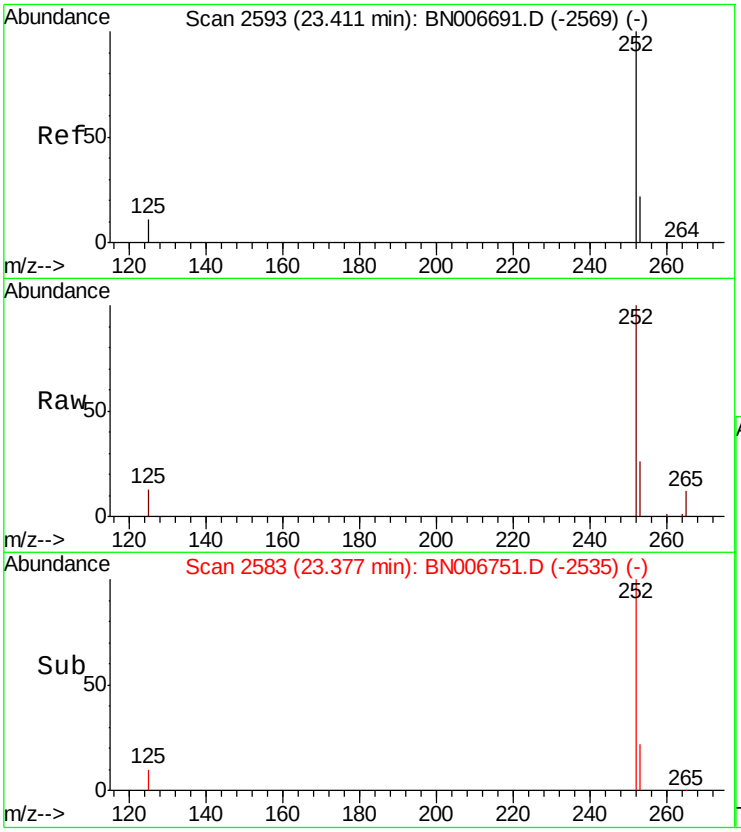


#36
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.03 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:252 Resp: 17447

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.1	30.1
125	11.9	11.4	17.0



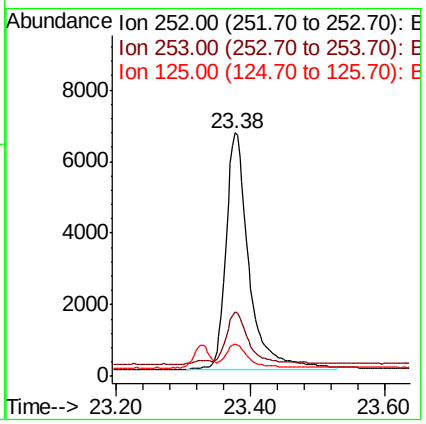


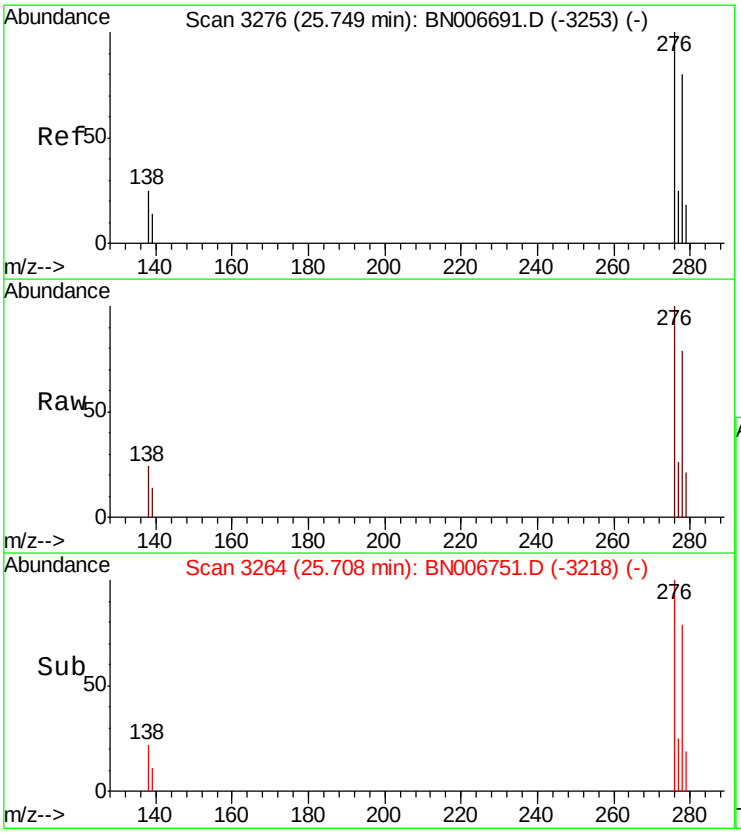
#37
Benzo(a)pyrene
Concen: 0.358 ng
RT: 23.38 min Scan# 2583
Delta R.T. -0.03 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:252 Resp: 15862

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.4	32.2
125	13.4	13.3	19.9

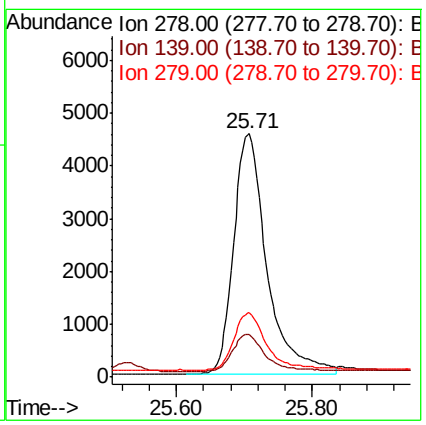


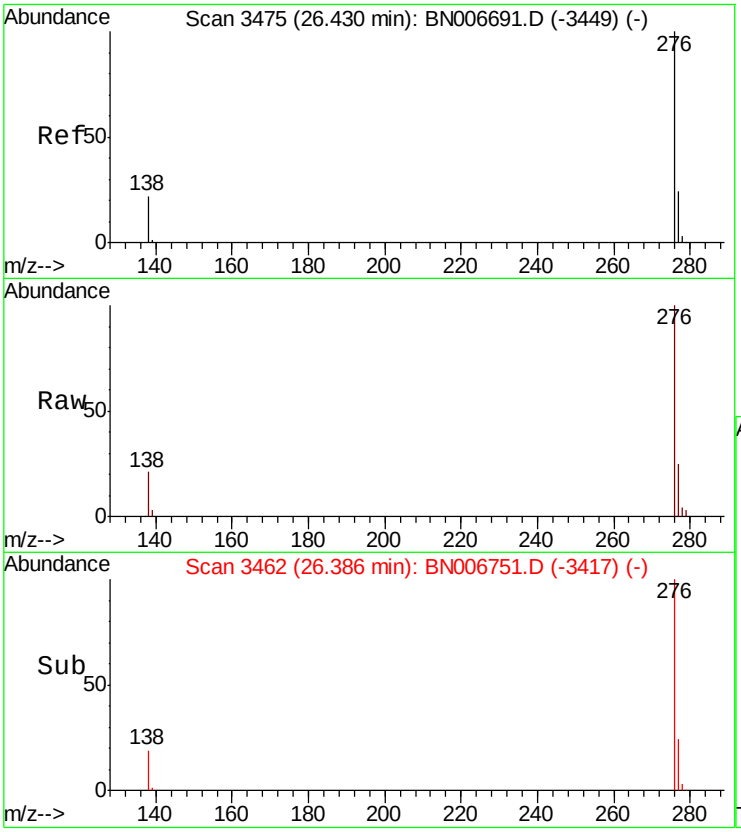


#38
Dibenzo(a,h)anthracene
Concen: 0.350 ng
RT: 25.71 min Scan# 3264
Delta R.T. -0.04 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Tgt Ion:278 Resp: 15434

Ion	Ratio	Lower	Upper
278	100		
139	17.5	16.2	24.4
279	26.3	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 26.39 min Scan# 3462
Delta R.T. -0.04 min
Lab File: BN006751.D
Acq: 08 Jul 2019 10:53

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:276 Resp: 17252

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.6	30.8
138	21.3	19.7	29.5