Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
Data File : BN006754.D
Acq On : 08 Jul 2019 12:37
Operator : HP/JU
Sample : PB121176BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB121176BSD

Quant Time: Jul 09 03:09:36 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	2551	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	9989	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	5567	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	12205	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	13154	0.40	ng	-0.02
34) Perylene-d12	23.48	264	14398	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2011	0.29	ng	0.00
5) Phenol-d6	6.83	99	2592	0.30	ng	0.00
8) Nitrobenzene-d5	8.79	82	2074	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	7221	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	15.78	330	715	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	7552	0.35	ng	-0.02
25) Fluoranthene-d10	19.06	212	11650	0.33	ng	-0.02
29) Terphenyl-d14	19.66	244	8380	0.28	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	1491	0.374	ng	# 17
3) n-Nitrosodimethylamine	3.47	42	916	0.305	ng	# 83
6) bis(2-Chloroethyl)ether	7.05	93	1974	0.266	ng	97
9) Naphthalene	10.41	128	9275	0.339	ng	98
10) Hexachlorobutadiene	10.69	225	1869	0.338	ng	# 100
12) 2-Methylnaphthalene	12.06	142	5995	0.301	ng	97
16) Acenaphthylene	13.96	152	8983	0.324	ng	100
17) Acenaphthene	14.31	154	5967	0.337	ng	98
18) Fluorene	15.31	166	7320	0.333	ng	99
20) 4-Bromophenyl-phenylether	16.21	248	2199	0.306	ng	99
21) Hexachlorobenzene	16.32	284	3059	0.358	ng	98
22) Pentachlorophenol	16.74	266	254	0.331	ng	95
23) Phenanthrene	17.06	178	11512	0.327	ng	100
24) Anthracene	17.15	178	9505	0.299	ng	99
26) Fluoranthene	19.09	202	14206	0.344	ng	100
28) Pyrene	19.46	202	14939	0.284	ng	100
30) Benzo(a)anthracene	21.23	228	13102	0.289	ng	100
31) Chrysene	21.28	228	14052	0.300	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	5631	0.042	ng	98
33) Indeno(1,2,3-cd)pyrene	25.70	276	19493	0.349	ng	98
35) Benzo(b)fluoranthene	22.85	252	16885	0.365	ng	97
36) Benzo(k)fluoranthene	22.85	252	17563	0.350	ng	98
37) Benzo(a)pyrene	23.38	252	15300	0.342	ng	96
38) Dibenzo(a,h)anthracene	25.71	278	15654	0.352	ng	97
39) Benzo(g,h,i)perylene	26.39	276	17107	0.374	ng	96

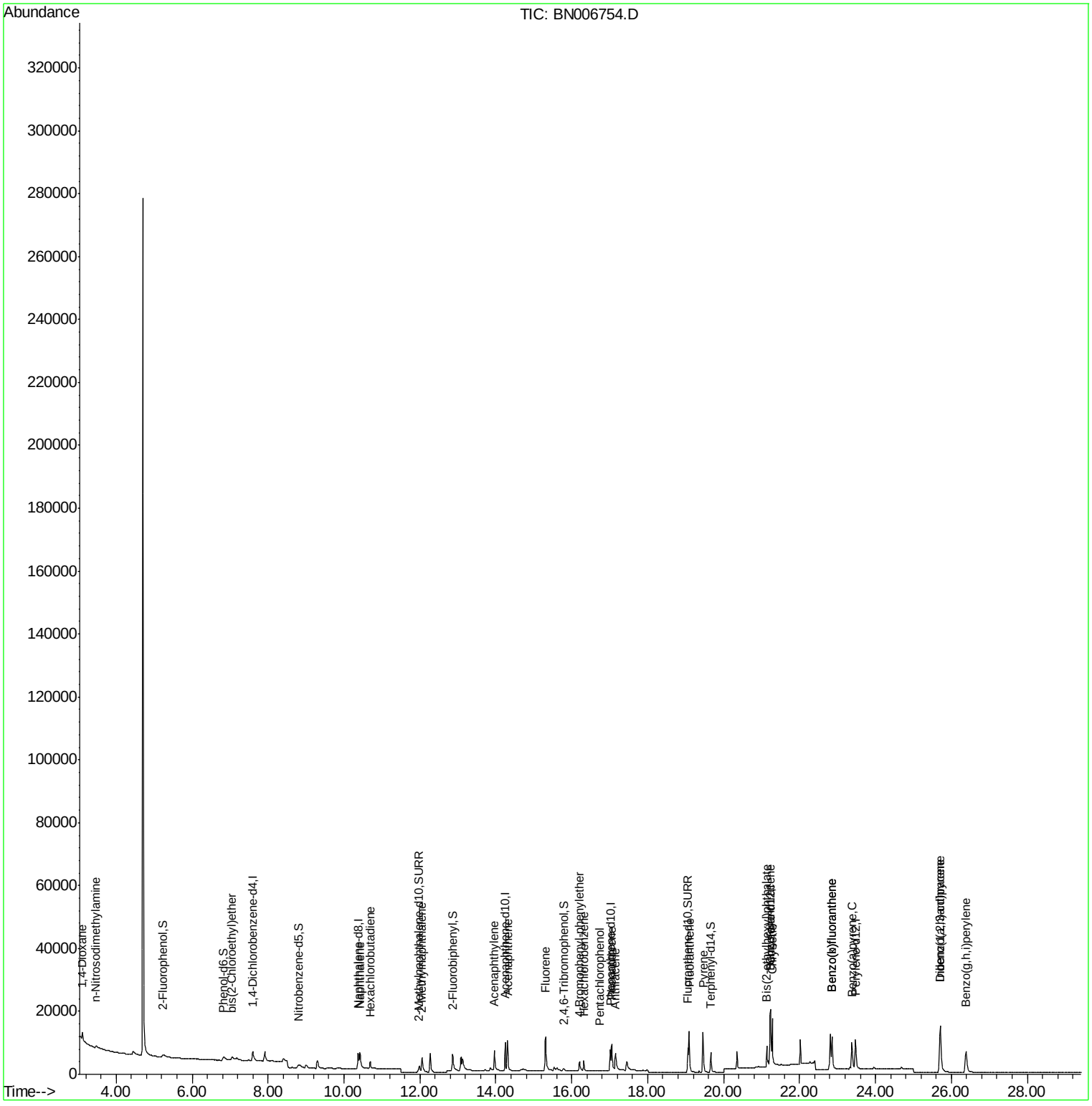
(#) = qualifier out of range (m) = manual integration (+) = signals summed

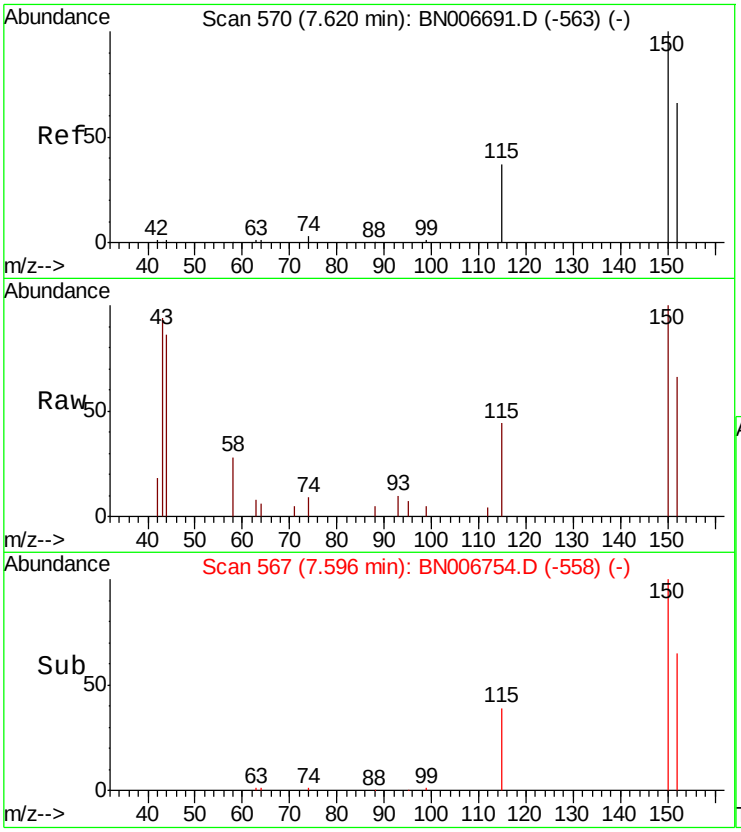
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
Data File : BN006754.D
Acq On : 08 Jul 2019 12:37
Operator : HP/JU
Sample : PB121176BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Quant Time: Jul 09 03:09:36 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



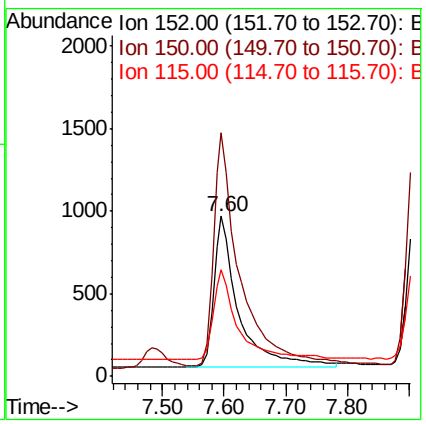


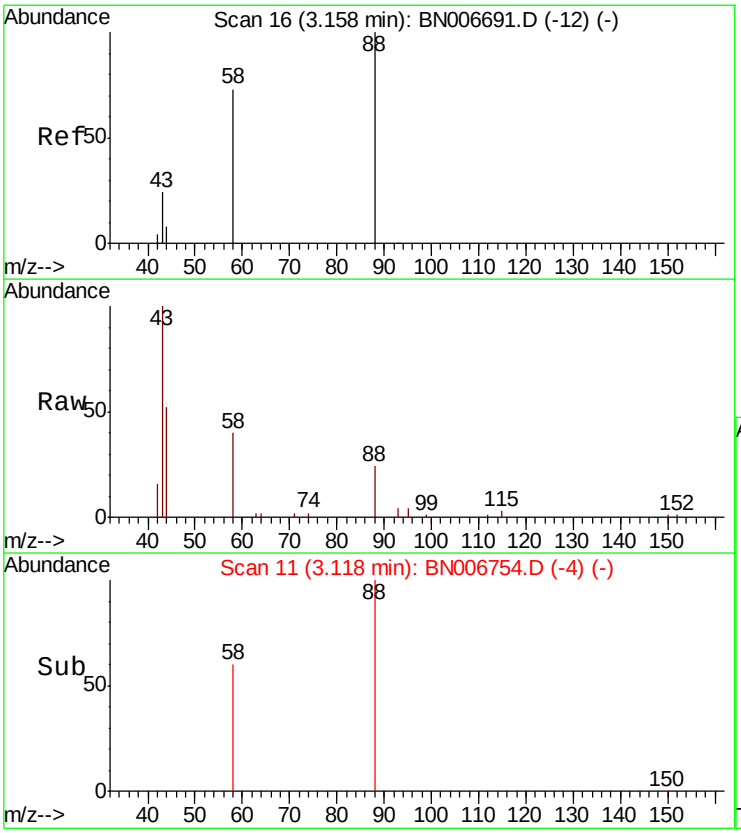
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:152 Resp: 2551

Ion	Ratio	Lower	Upper
152	100		
150	151.8	120.6	181.0
115	66.4	51.0	76.6

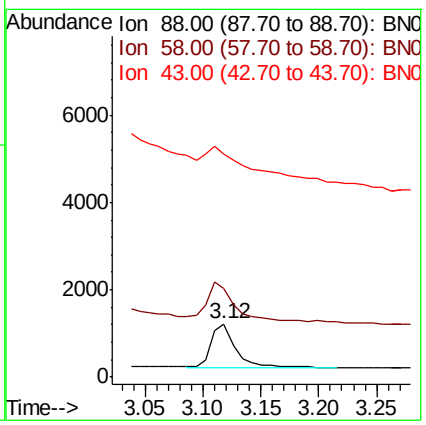


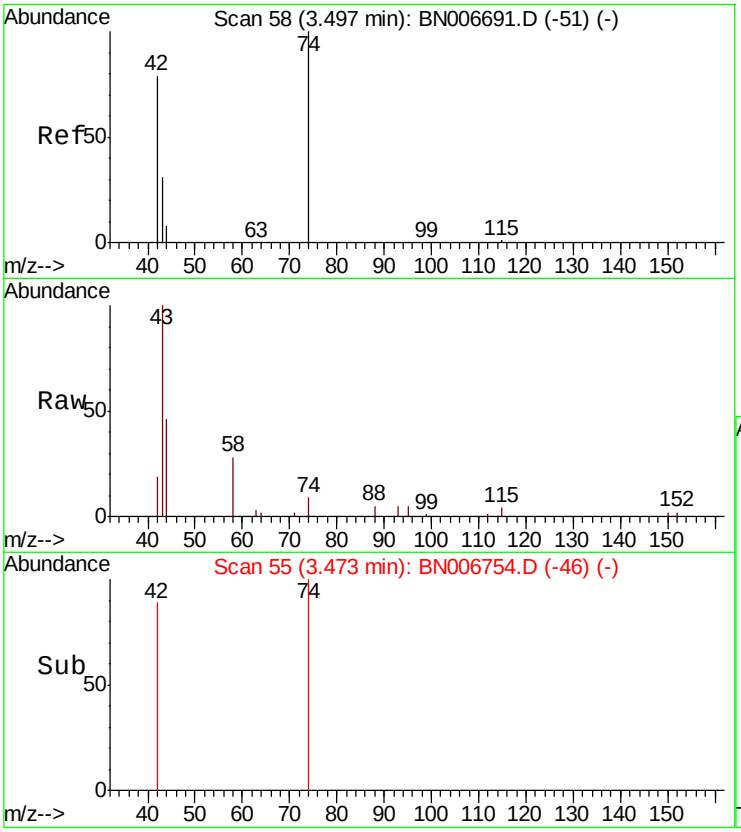


#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion: 88 Resp: 1491

Ion	Ratio	Lower	Upper
88	100		
58	108.6	61.1	91.7#
43	145.7	32.4	48.6#



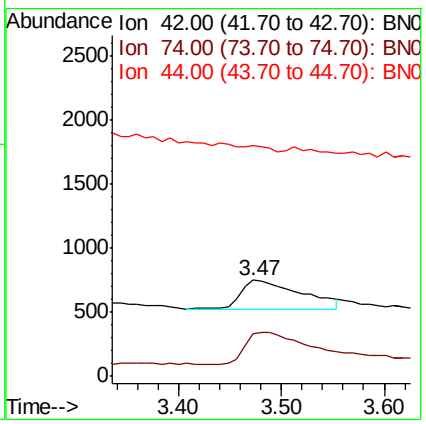


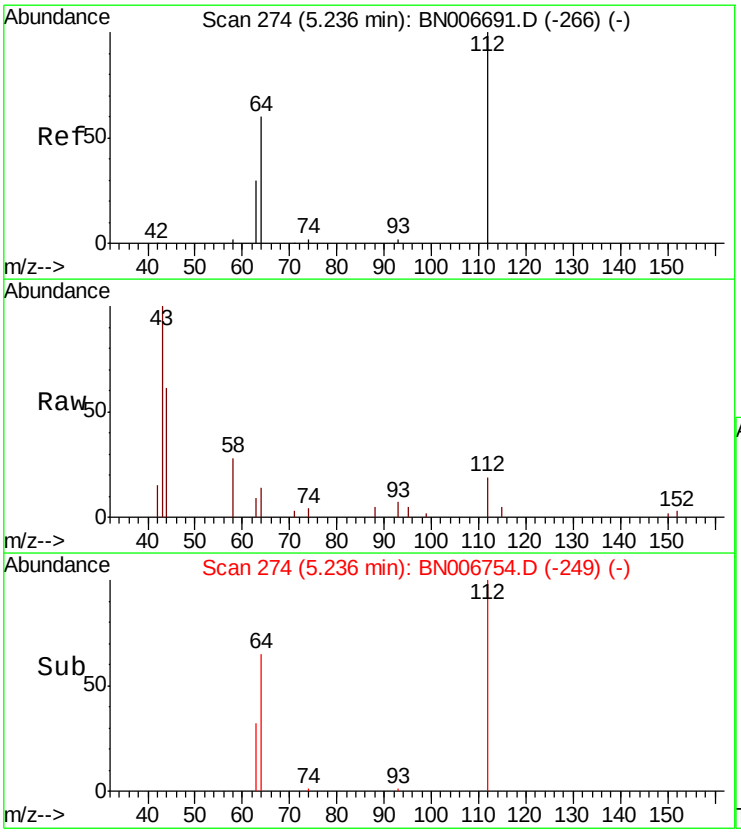
#3
n-Nitrosodimethylamine
Concen: 0.305 ng
RT: 3.47 min Scan# 55
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion: 42 Resp: 916

Ion	Ratio	Lower	Upper
42	100		
74	114.2	106.6	160.0
44	0.0	8.0	12.0#

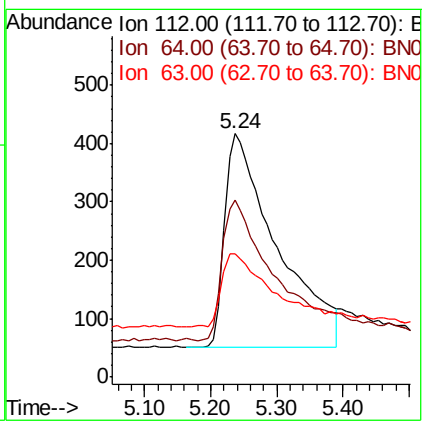


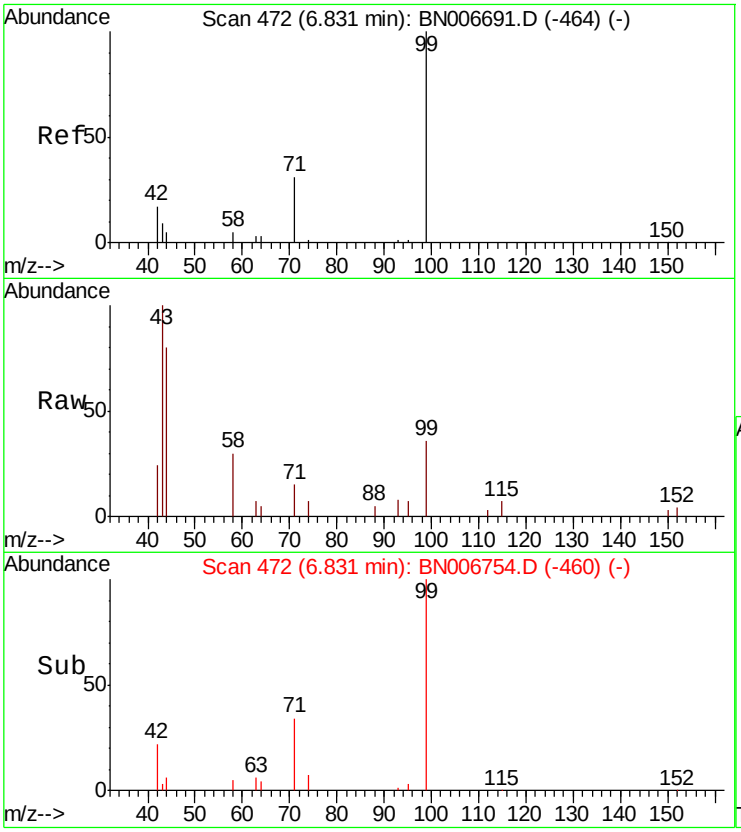


#4
2-Fluorophenol
Concen: 0.290 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.00 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:112 Resp: 2011

Ion	Ratio	Lower	Upper
112	100		
64	65.7	49.8	74.6
63	35.8	25.8	38.6



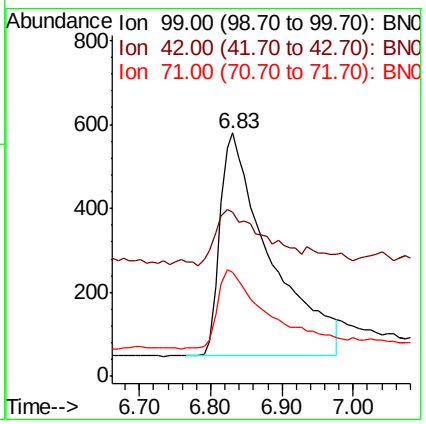


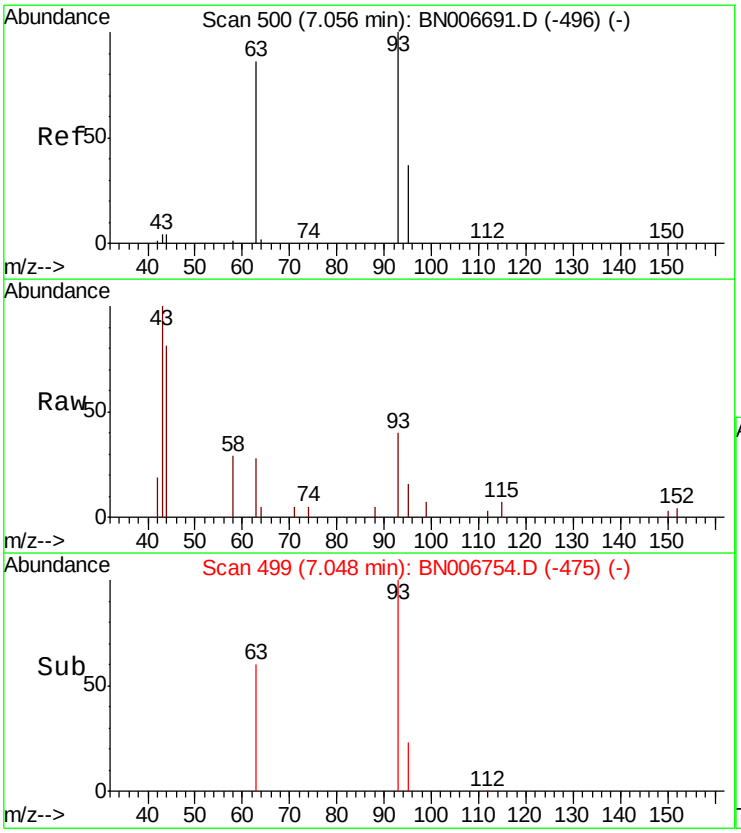
#5
Phenol-d6
Concen: 0.296 ng
RT: 6.83 min Scan# 472
Delta R.T. -0.00 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion: 99 Resp: 2592

Ion	Ratio	Lower	Upper
99	100		
42	23.9	16.6	25.0
71	35.7	26.0	39.0

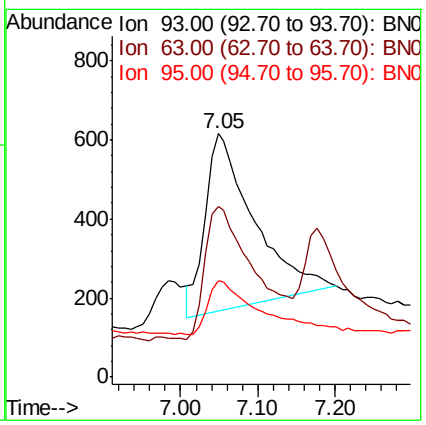


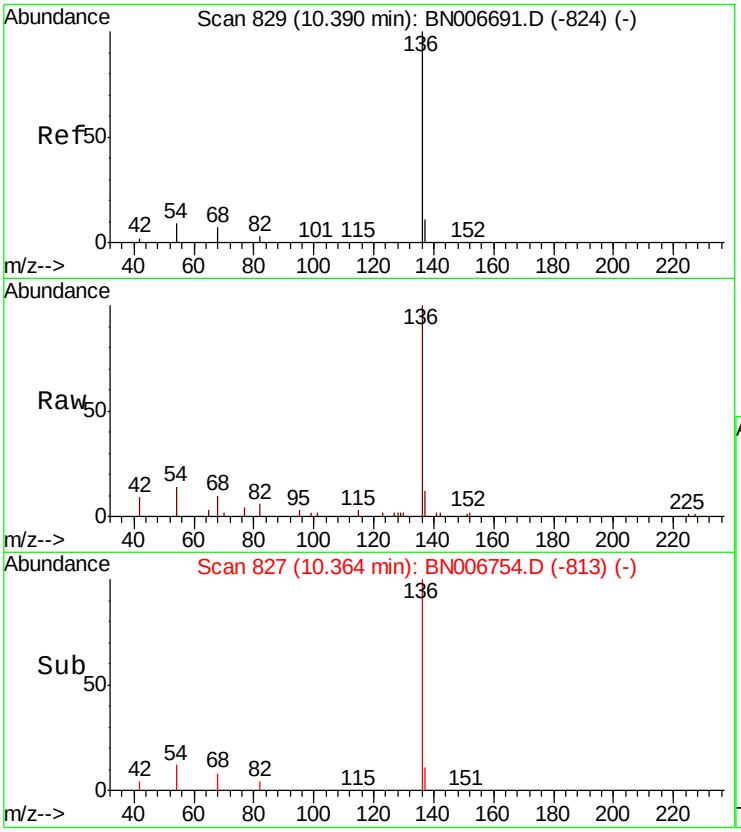


#6
bis(2-Chloroethyl)ether
Concen: 0.266 ng
RT: 7.05 min Scan# 499
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion: 93 Resp: 1974

Ion	Ratio	Lower	Upper
93	100		
63	75.6	58.6	87.8
95	33.5	28.3	42.5



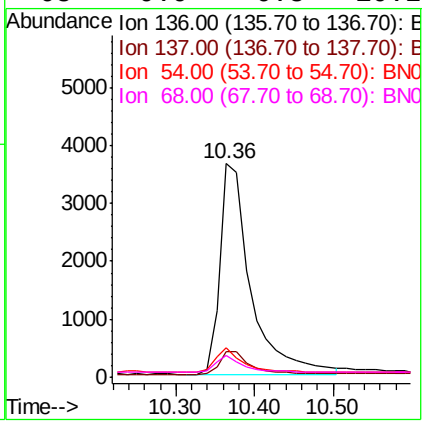


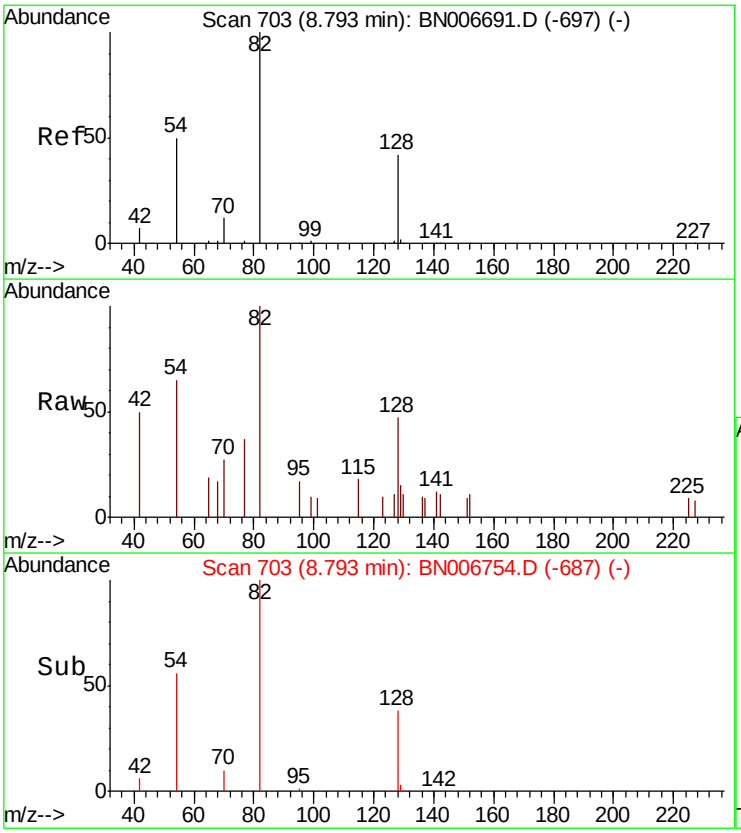
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:136 Resp: 9989

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	13.7	8.4	12.6#
68	9.9	6.8	10.2

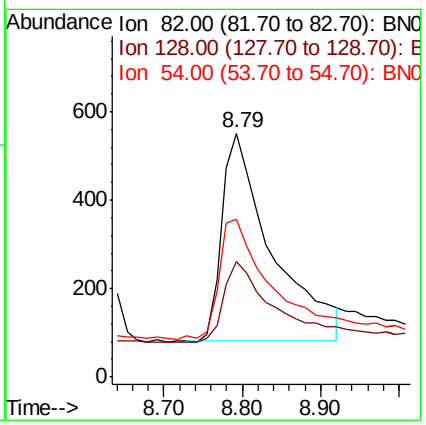


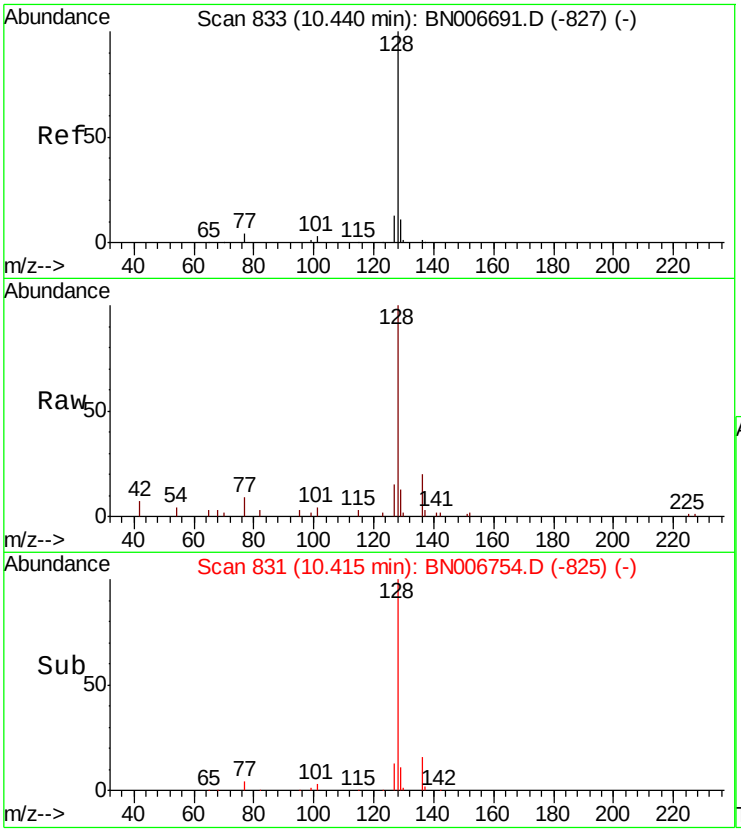


#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion: 82 Resp: 2074

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	64.6	44.5	66.7



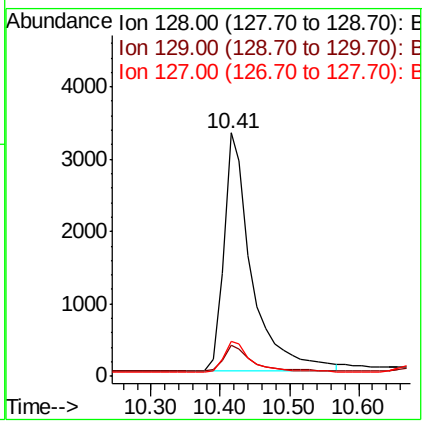


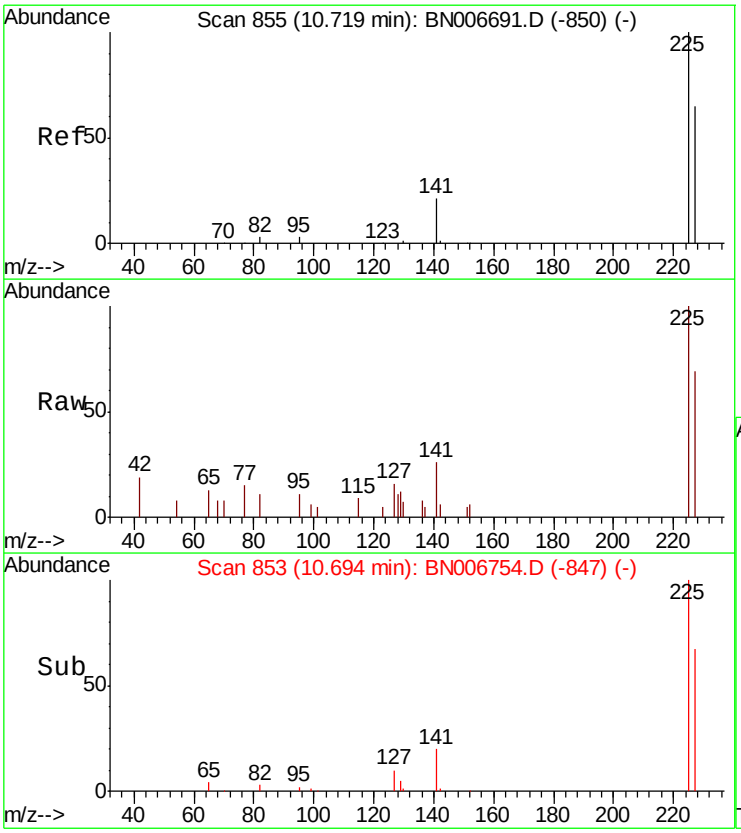
#9
Naphthalene
Concen: 0.339 ng
RT: 10.41 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:128 Resp: 9275

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.6	14.4
127	14.6	11.0	16.4

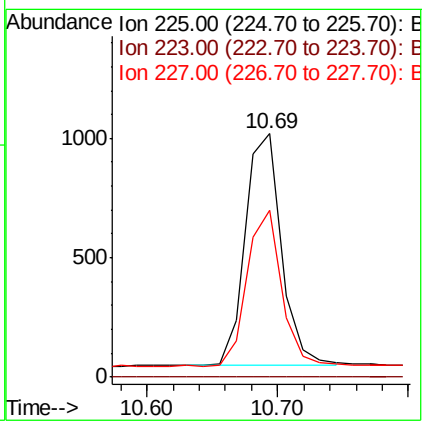


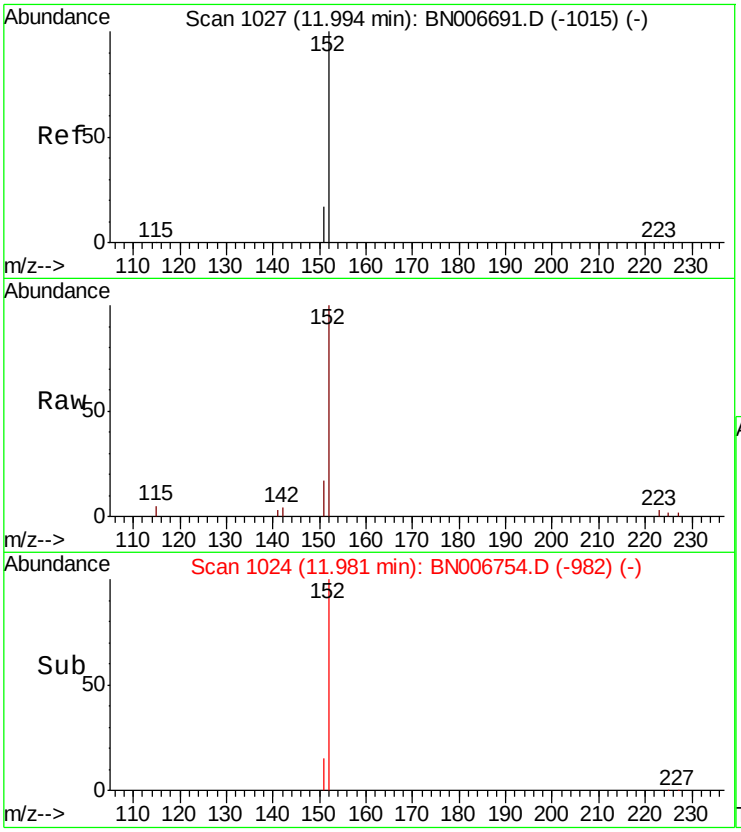


#10
Hexachlorobutadiene
Concen: 0.338 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:225 Resp: 1869

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.9	76.3



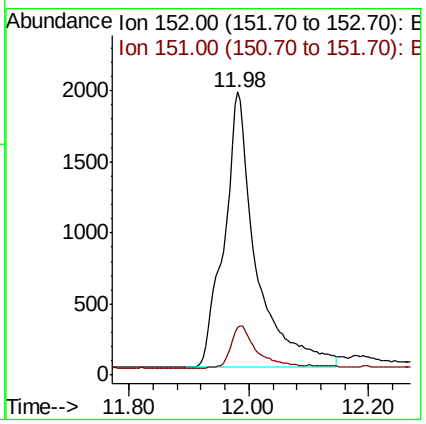


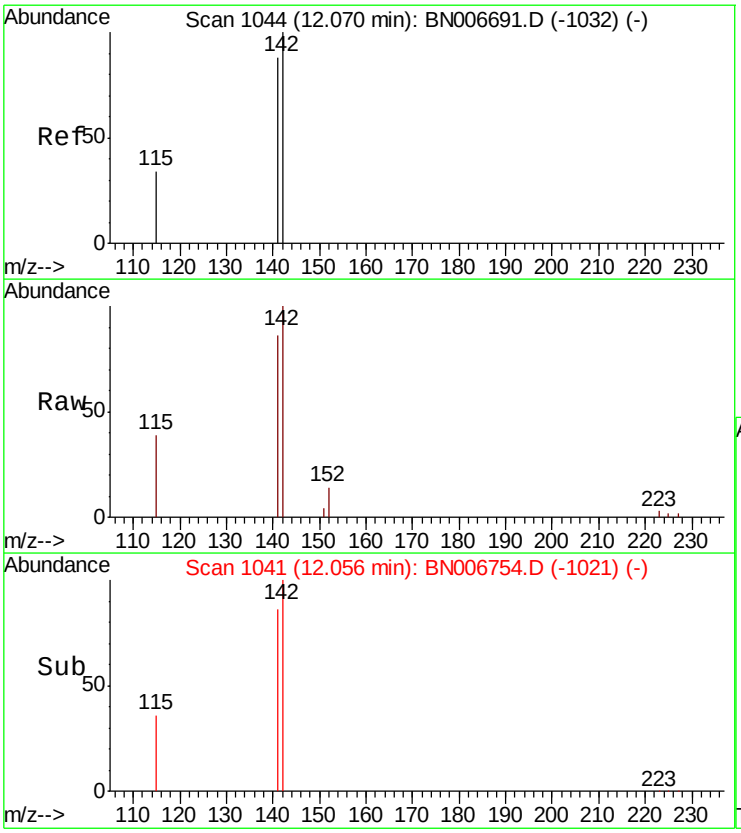
#11
2-Methylnaphthalene-d10
Concen: 0.481 ng
RT: 11.98 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:152 Resp: 7221

Ion	Ratio	Lower	Upper
152	100		
151	12.5	14.9	22.3#

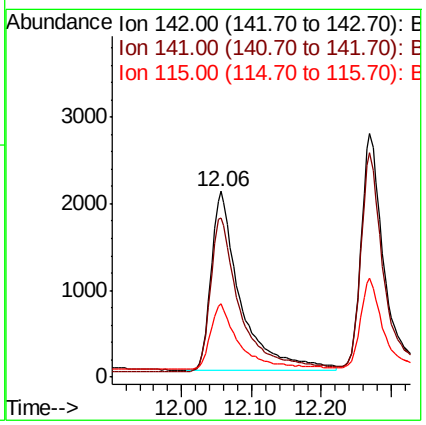


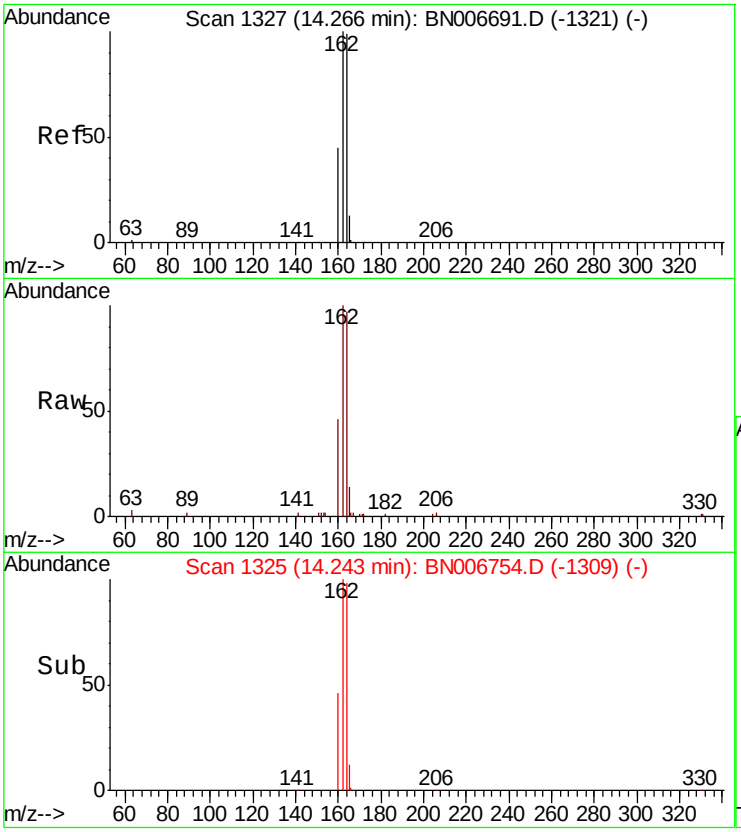


#12
2-Methylnaphthalene
Concen: 0.301 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:142 Resp: 5995

Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.3	105.5
115	39.2	28.9	43.3



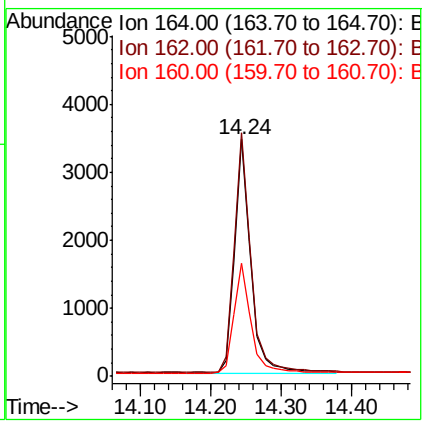


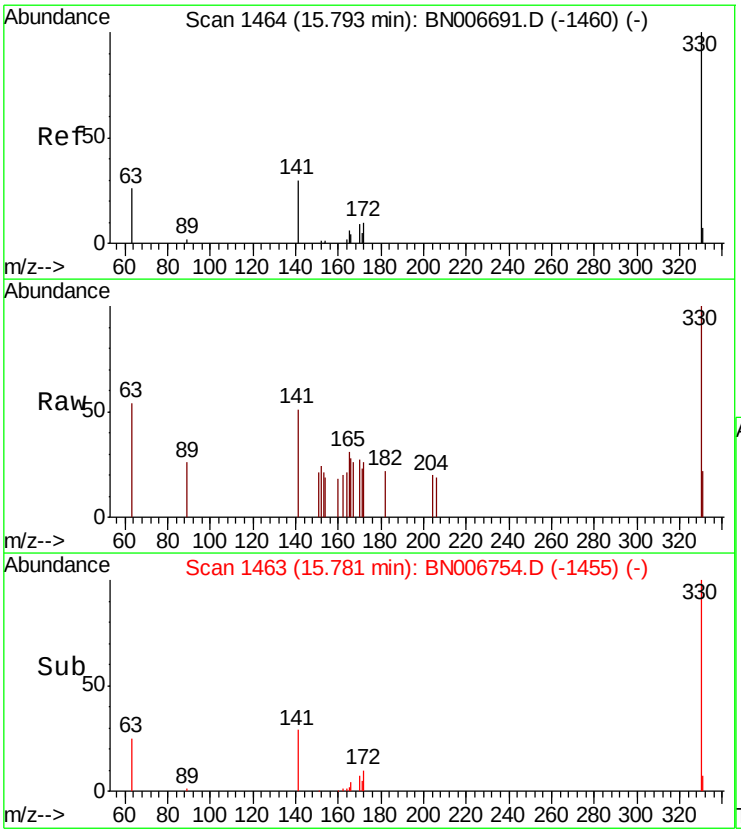
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:164 Resp: 5567

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.8	121.2
160	47.6	37.0	55.6

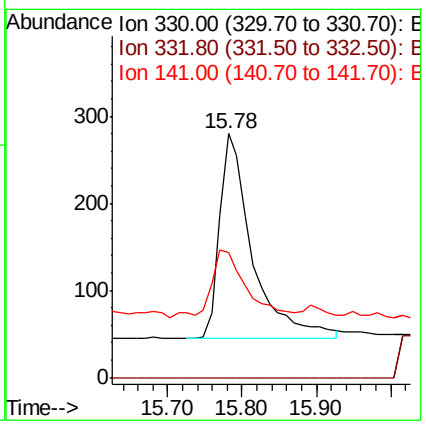


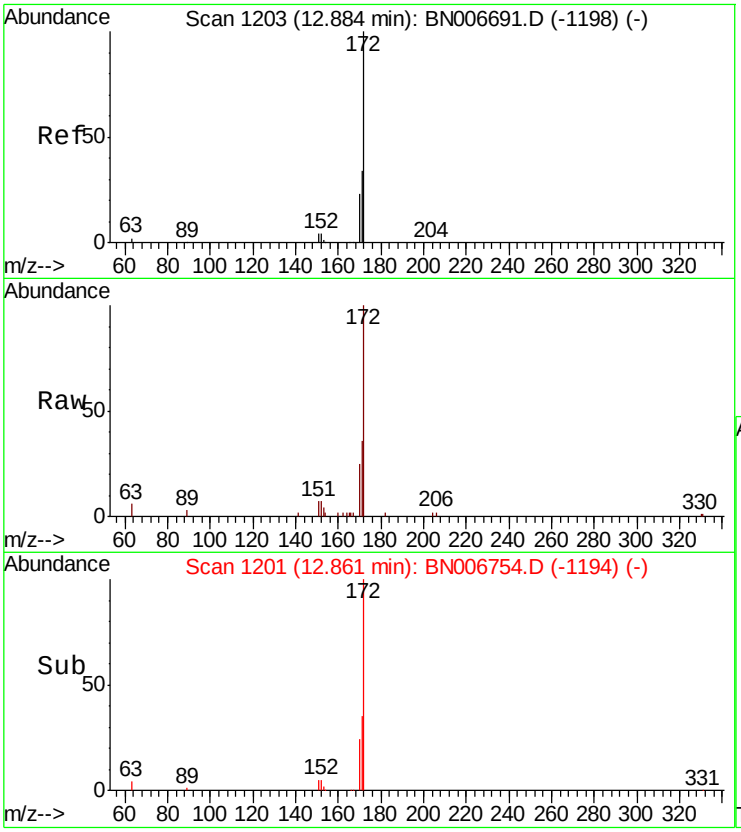


#14
2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:330 Resp: 715

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.7	24.8	37.2



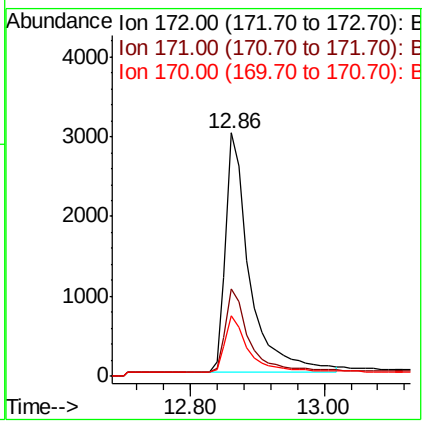


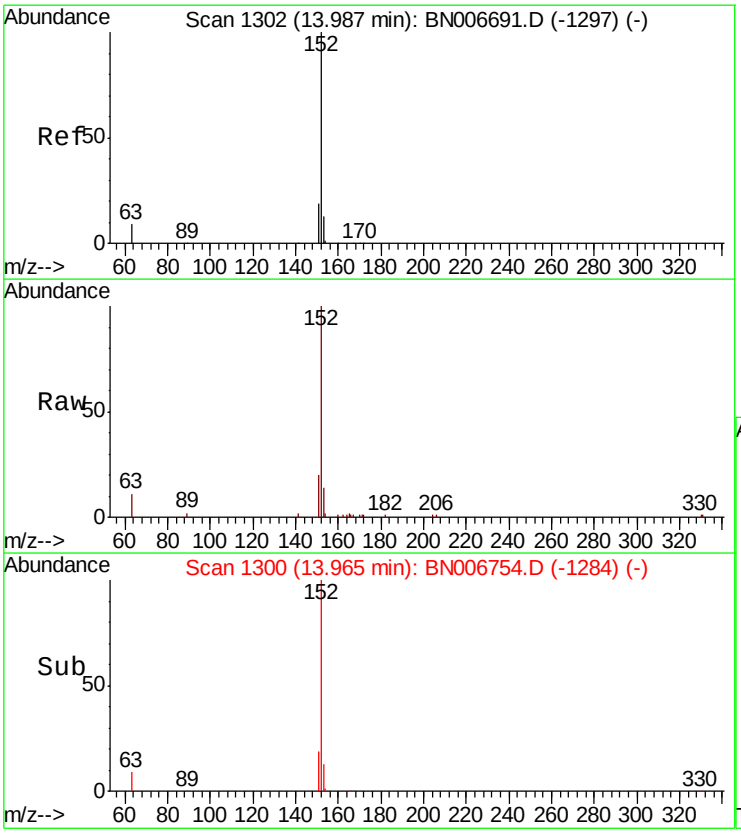
#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:172 Resp: 7552

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.6
170	25.0	18.9	28.3

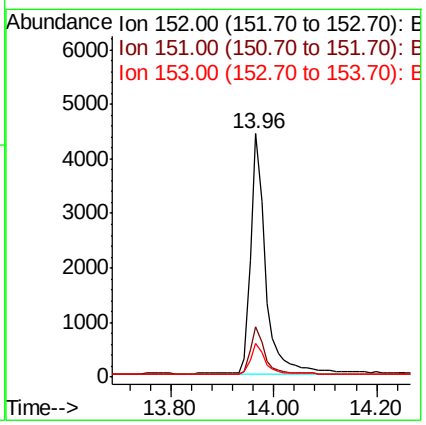


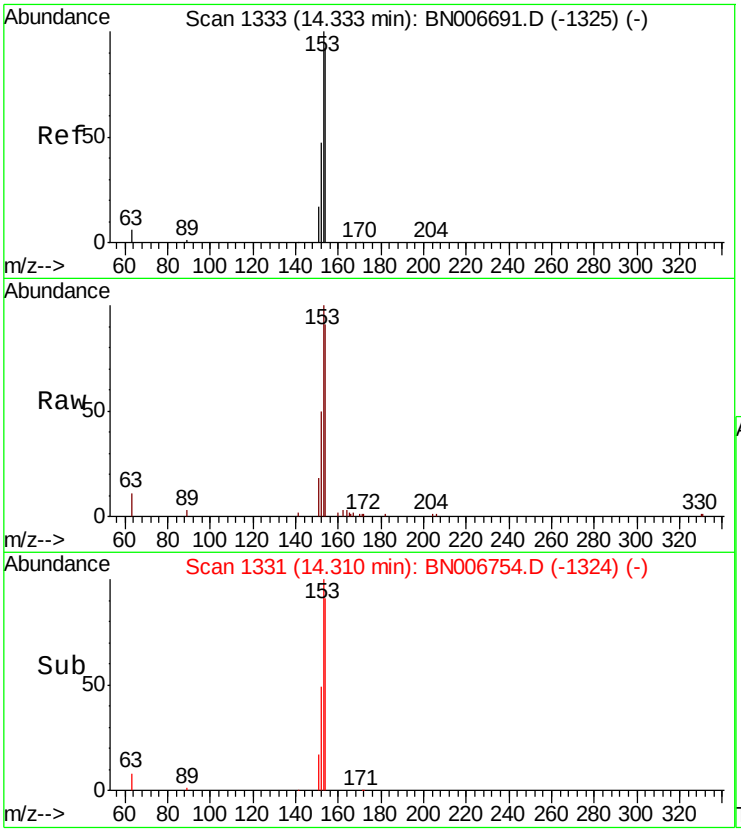


#16
Acenaphthylene
Concen: 0.324 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:152 Resp: 8983

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.6	15.8



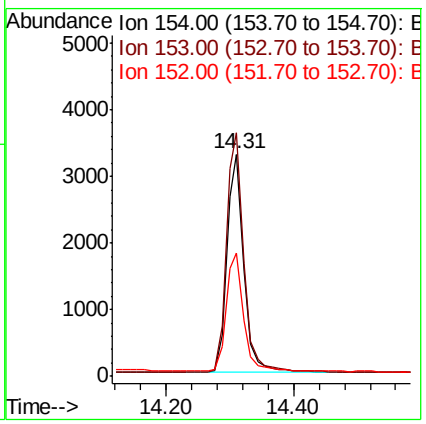


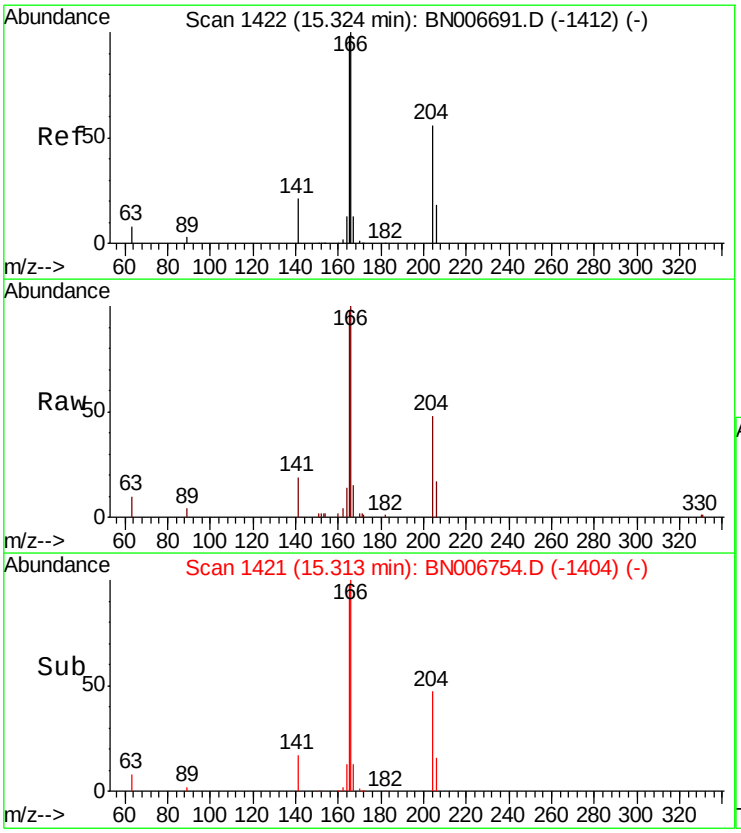
#17
Acenaphthene
Concen: 0.337 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:154 Resp: 5967

Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.9	133.3
152	55.4	42.8	64.2

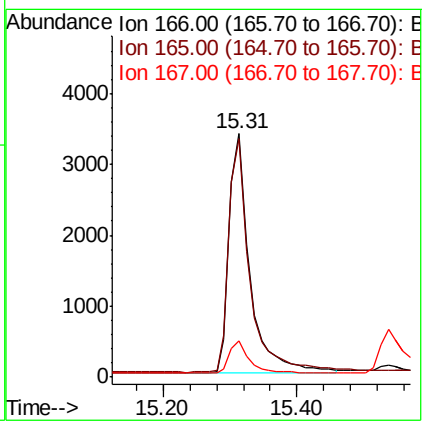


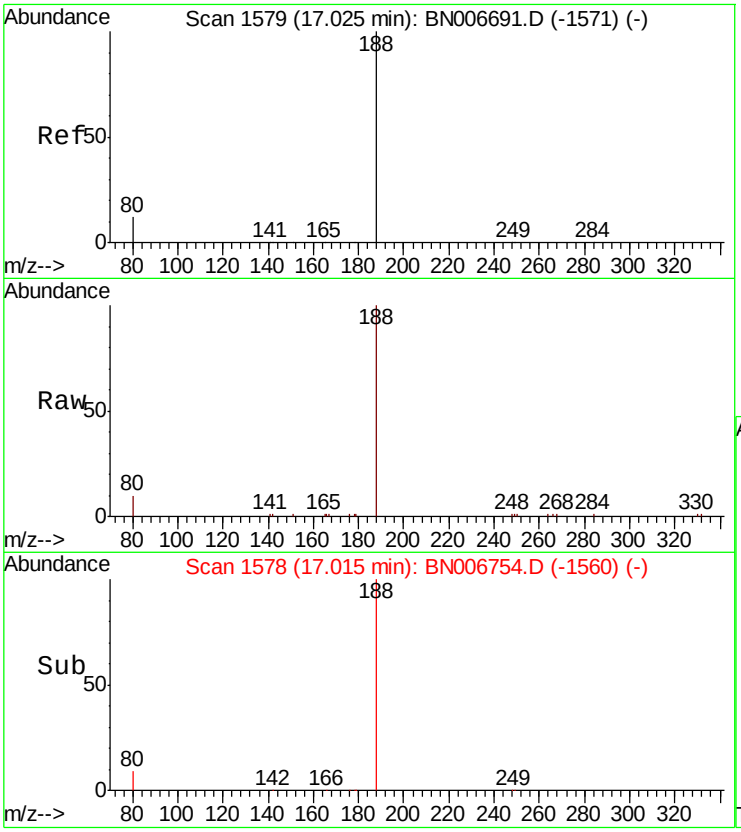


#18
Fluorene
Concen: 0.333 ng
RT: 15.31 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:166 Resp: 7320

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.0	117.0
167	13.5	10.7	16.1



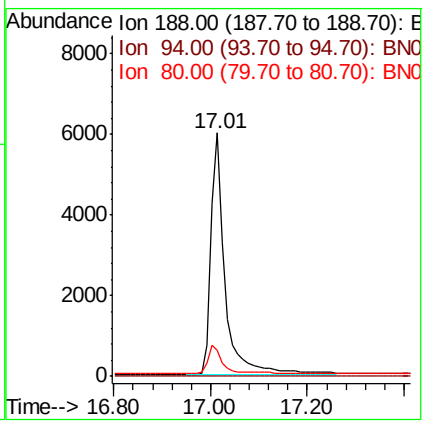


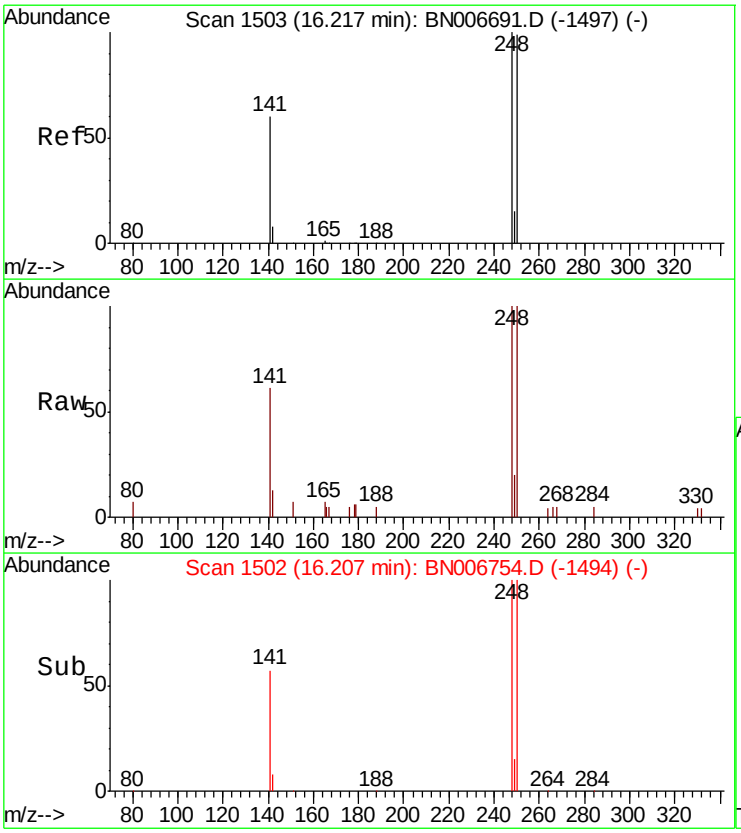
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:188 Resp: 12205

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	10.3	15.5

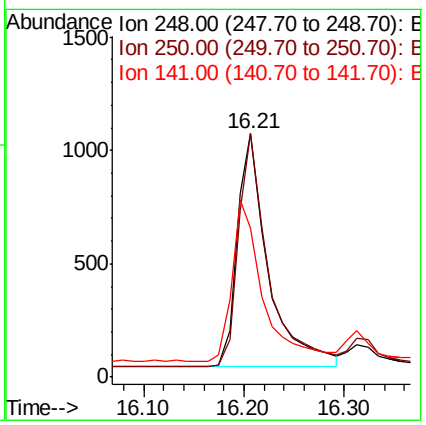


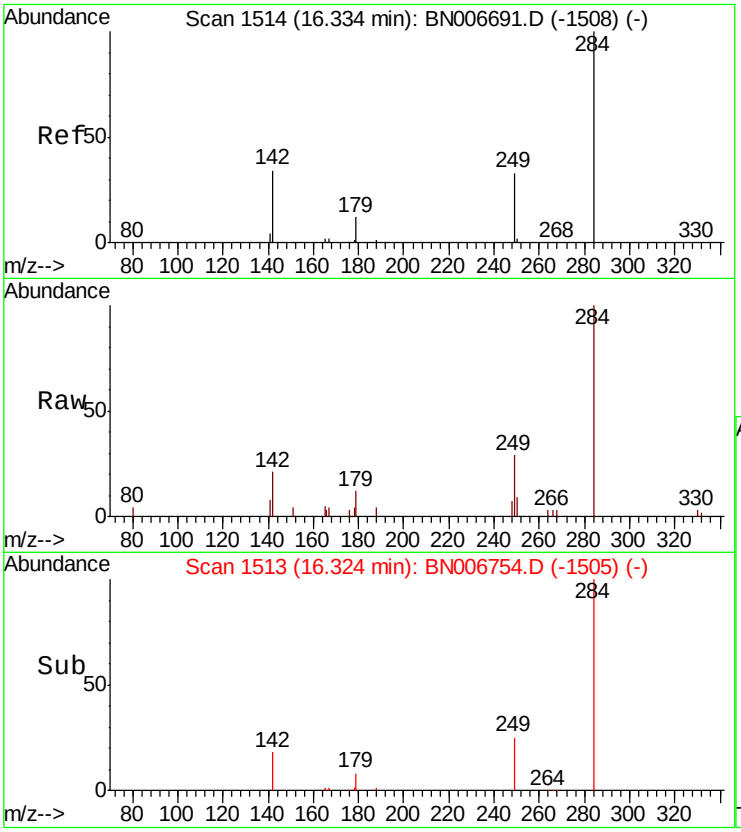


#20
4-Bromophenyl-phenylether
Concen: 0.306 ng
RT: 16.21 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:248 Resp: 2199

Ion	Ratio	Lower	Upper
248	100		
250	100.1	79.0	118.6
141	61.4	50.2	75.4



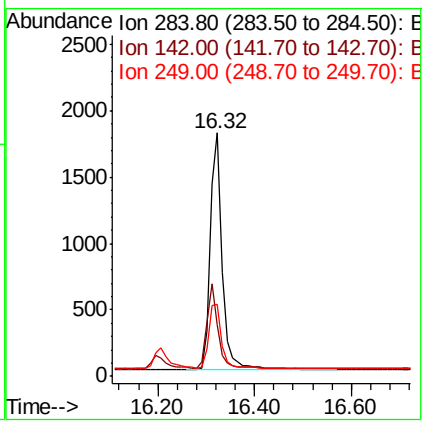


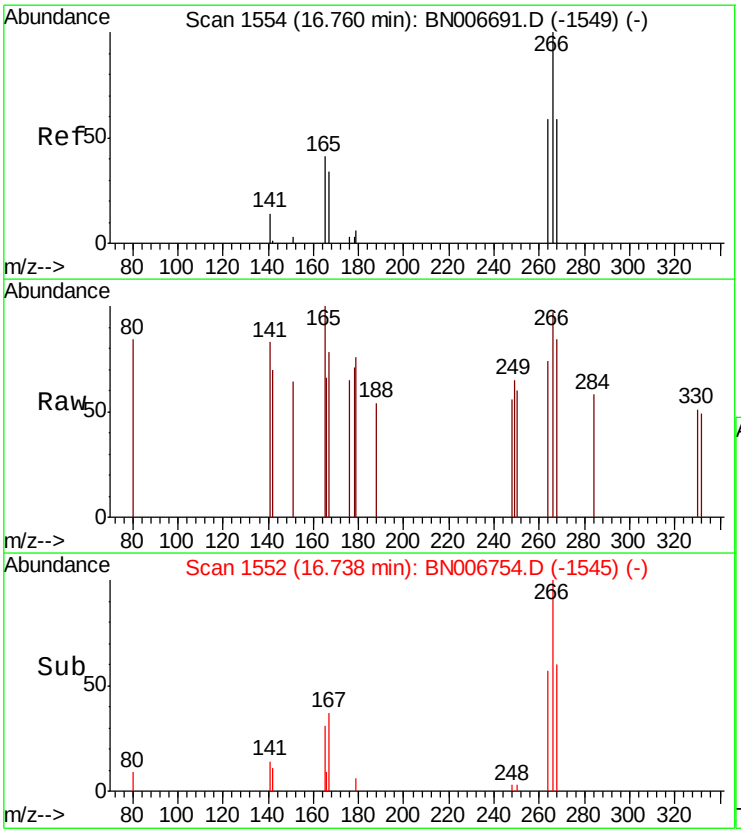
#21
Hexachlorobenzene
Concen: 0.358 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:284 Resp: 3059

Ion	Ratio	Lower	Upper
284	100		
142	32.7	26.9	40.3
249	29.1	24.4	36.6

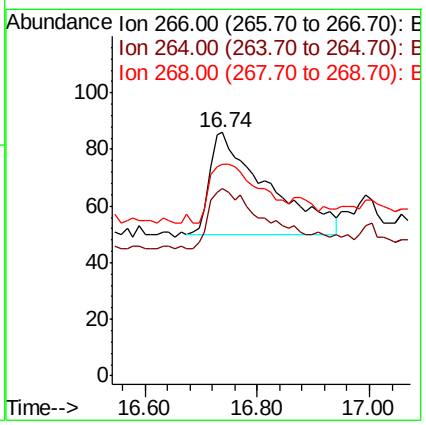


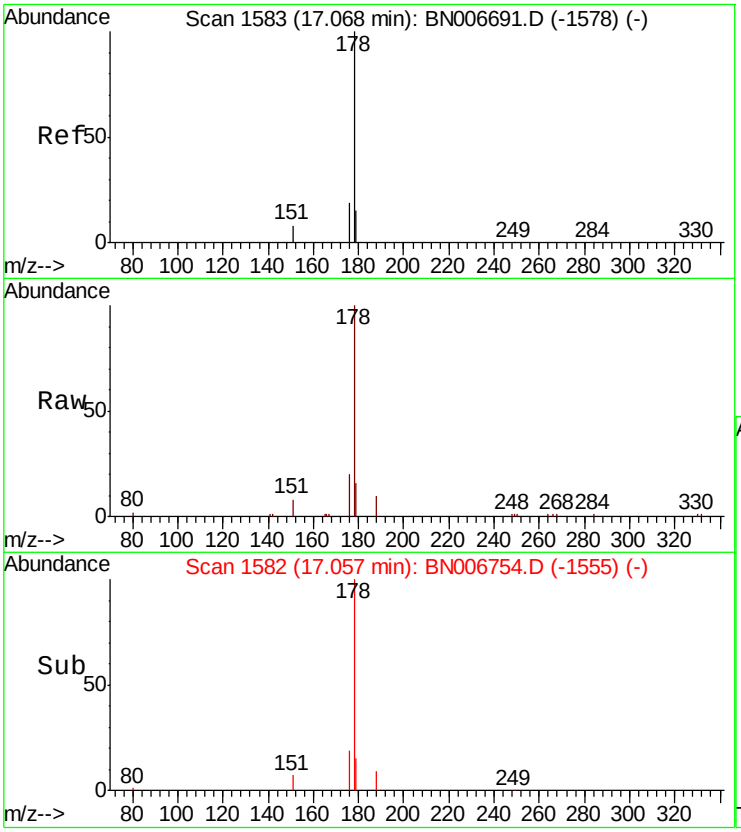


#22
Pentachlorophenol
Concen: 0.331 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:266 Resp: 254

Ion	Ratio	Lower	Upper
266	100		
264	76.7	57.6	86.4
268	87.2	66.6	99.8



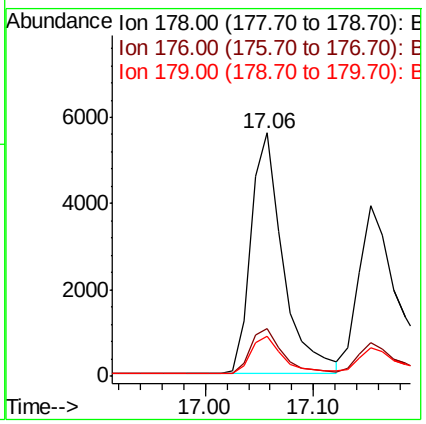


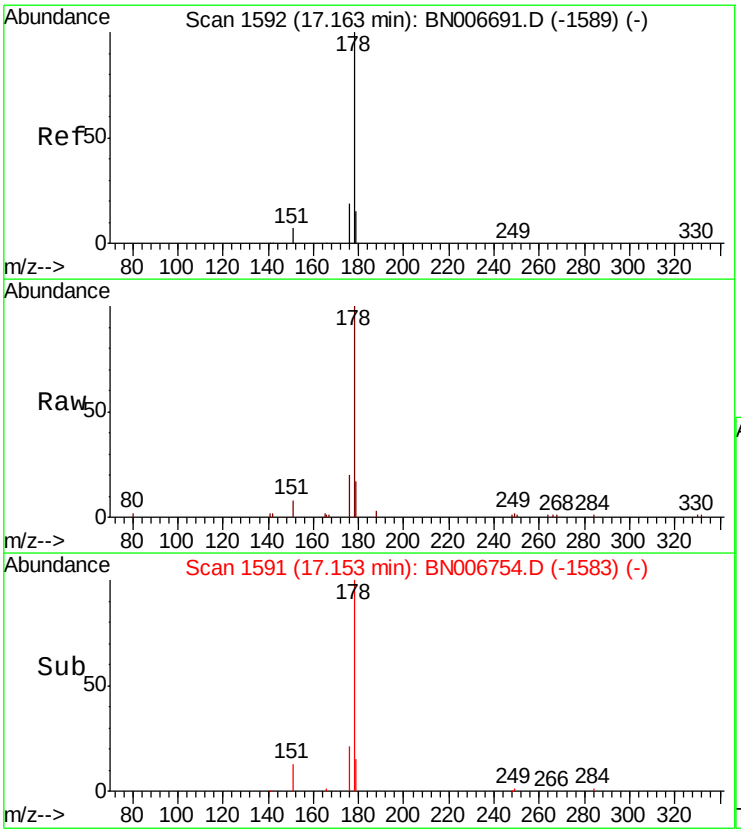
#23
Phenanthrene
Concen: 0.327 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:178 Resp: 11512

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.4	18.6

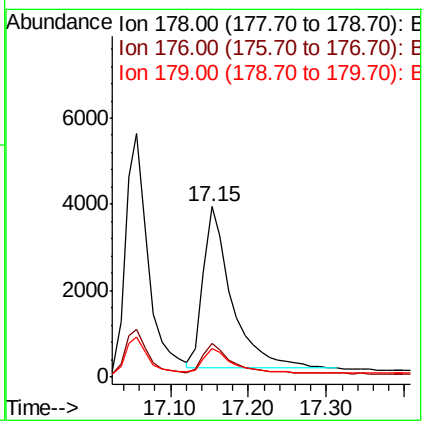


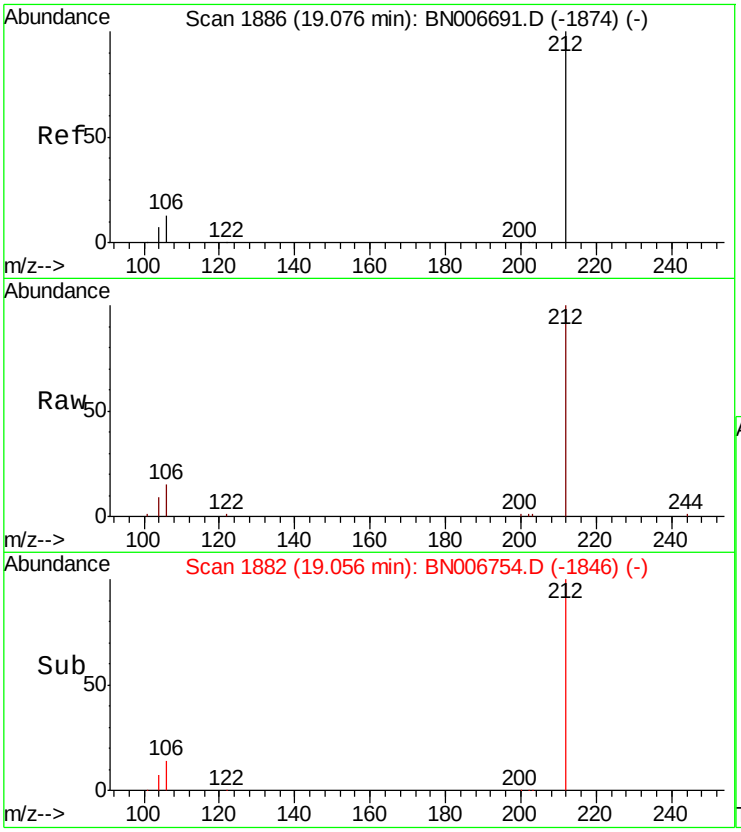


#24
Anthracene
Concen: 0.299 ng
RT: 17.15 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:178 Resp: 9505

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.2	11.9	17.9



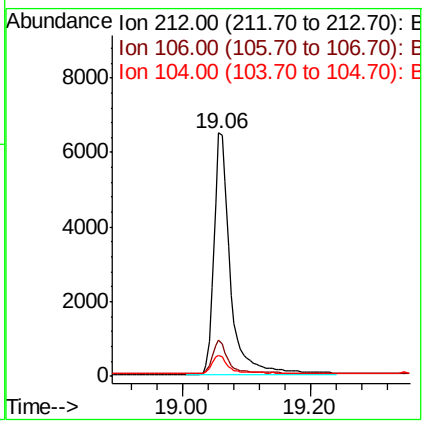


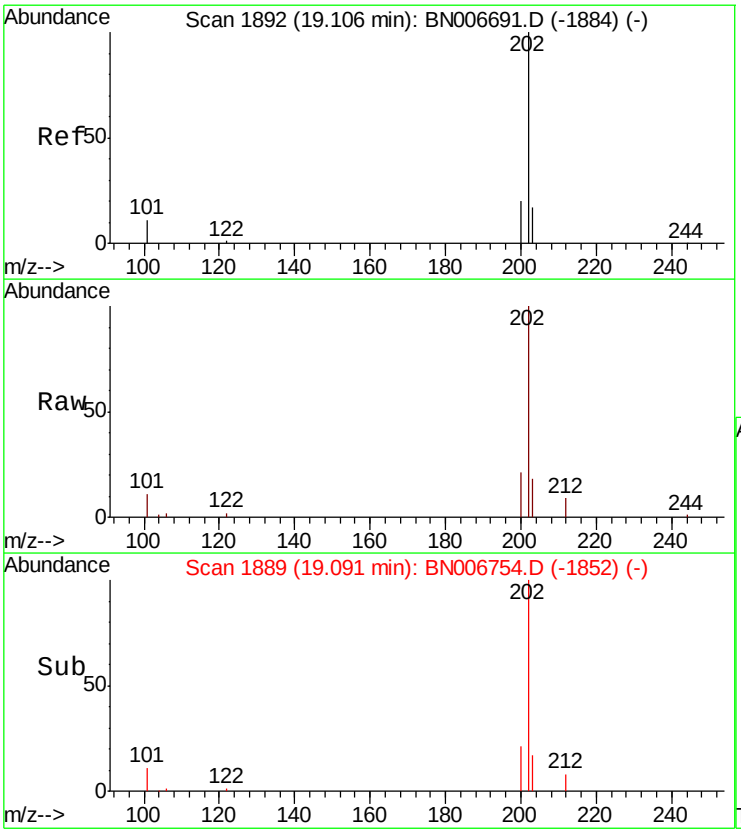
#25
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.06 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:212 Resp: 11650

Ion	Ratio	Lower	Upper
212	100		
106	13.1	11.0	16.6
104	7.1	6.1	9.1

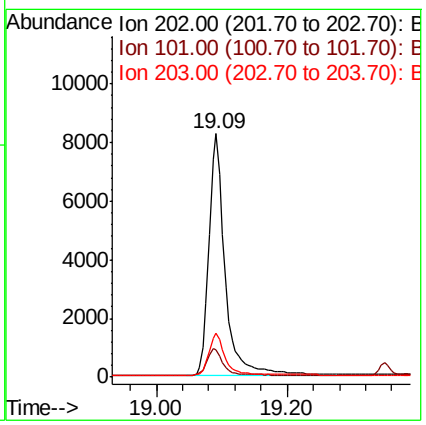


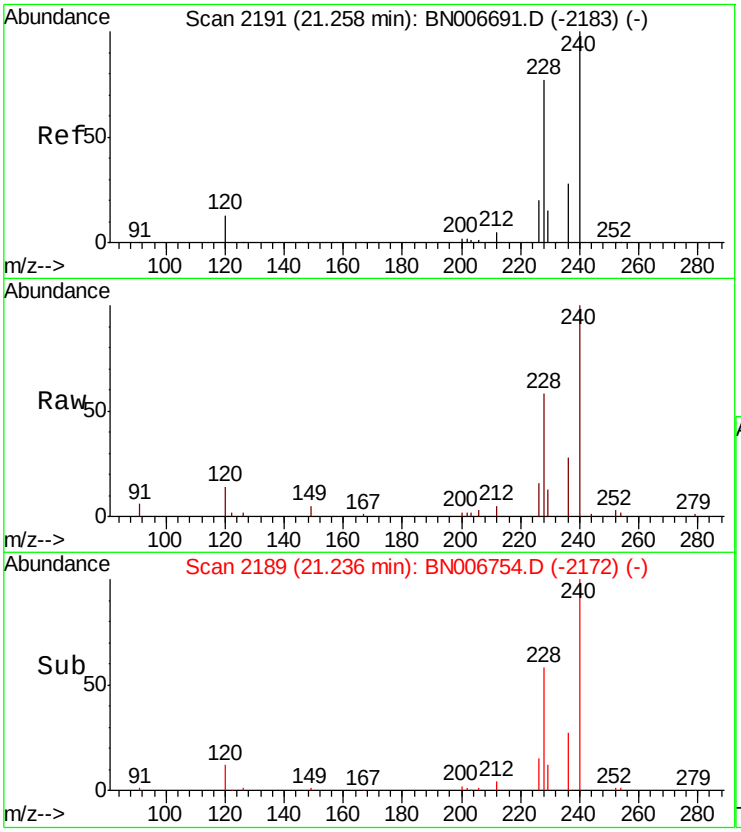


#26
Fluoranthene
Concen: 0.344 ng
RT: 19.09 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:202 Resp: 14206

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.7	13.1
203	17.3	13.8	20.6



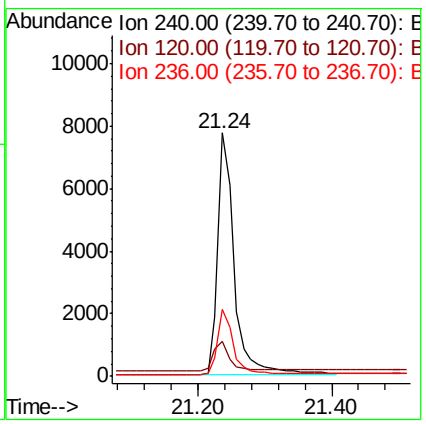


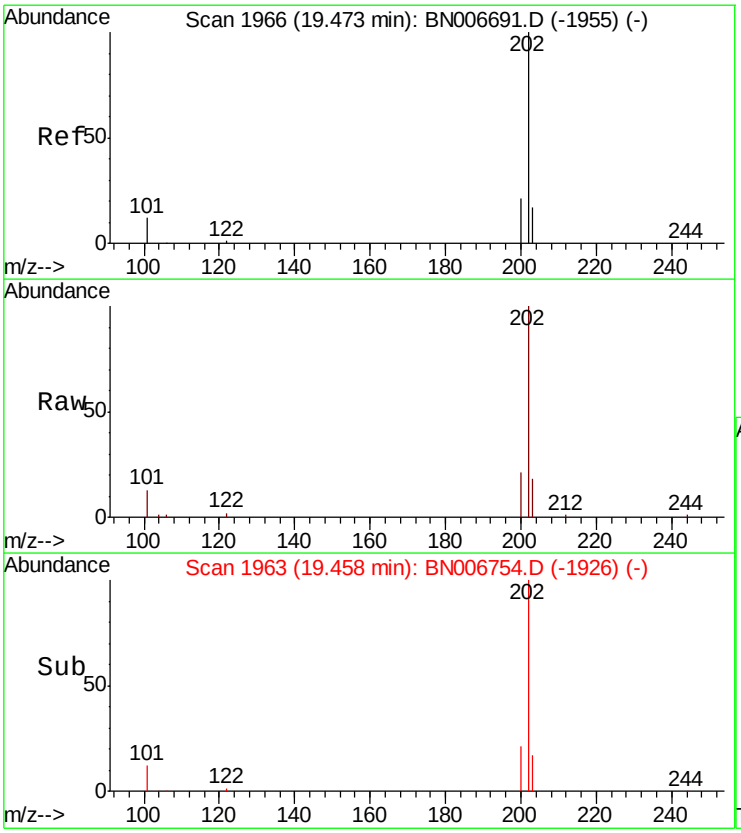
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:240 Resp: 13154

Ion	Ratio	Lower	Upper
240	100		
120	14.2	12.9	19.3
236	27.7	23.2	34.8

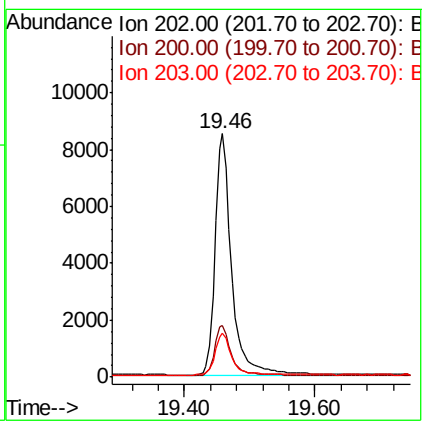


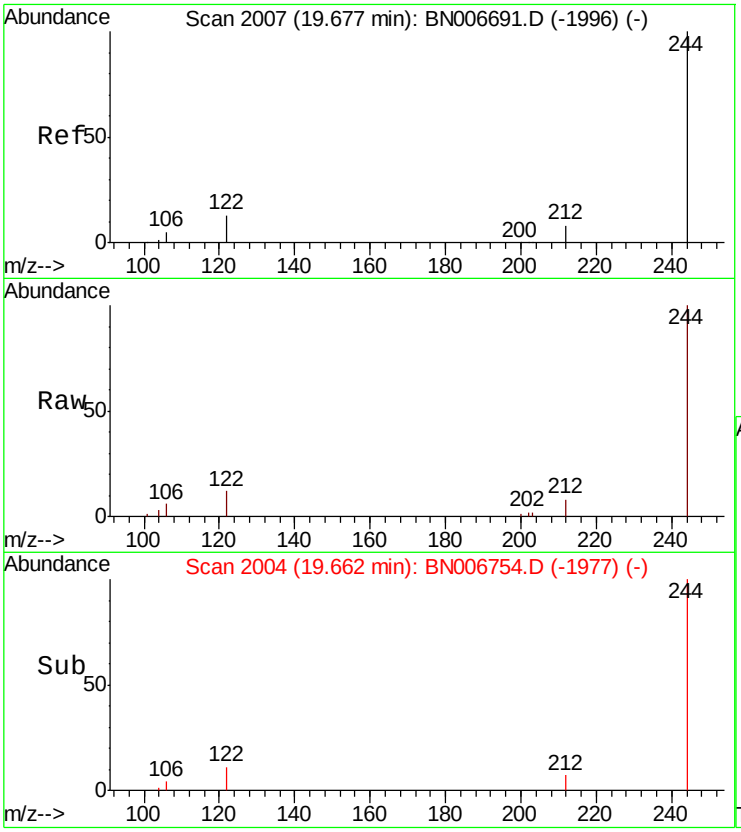


#28
Pyrene
Concen: 0.284 ng
RT: 19.46 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:202 Resp: 14939

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.0	14.2	21.2



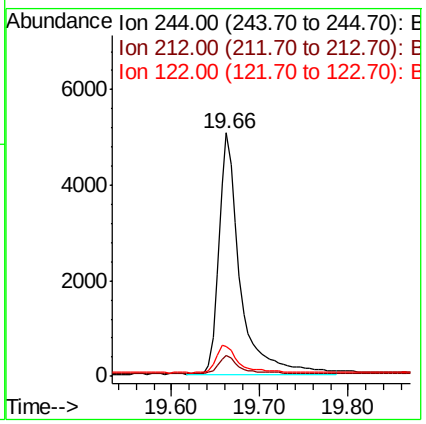


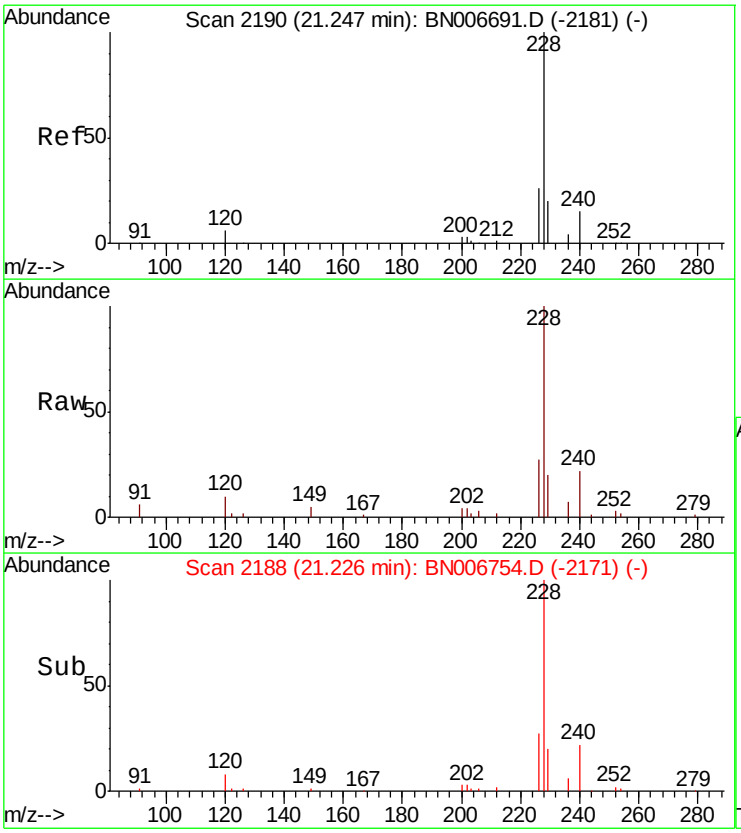
#29
Terphenyl-d14
Concen: 0.277 ng
RT: 19.66 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:244 Resp: 8380

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	12.5	11.5	17.3

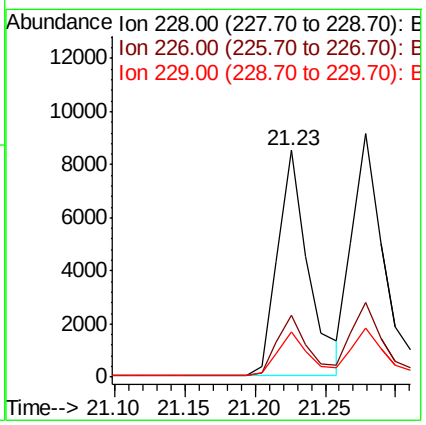


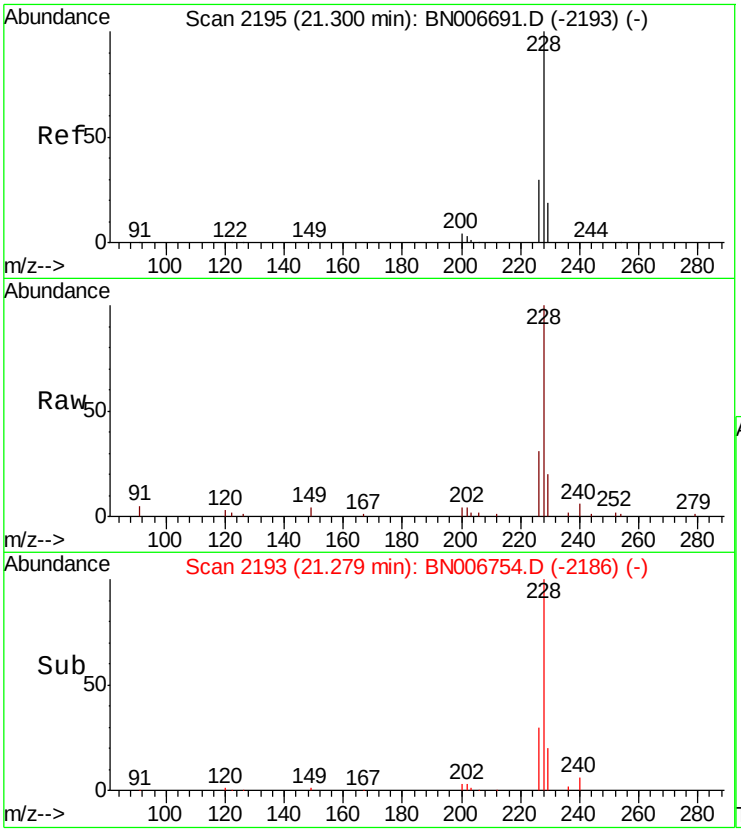


#30
Benzo(a)anthracene
Concen: 0.289 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:228 Resp: 13102

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.5	32.3
229	20.2	16.2	24.4



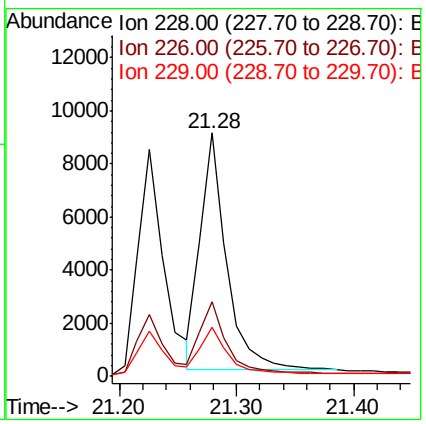


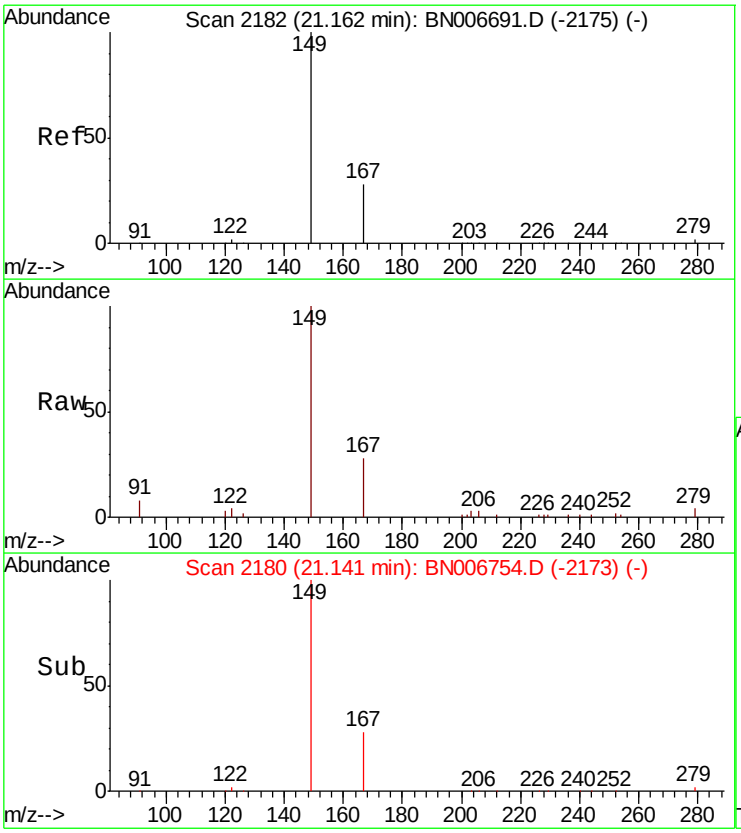
#31
Chrysene
Concen: 0.300 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:228 Resp: 14052

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	20.1	15.8	23.6

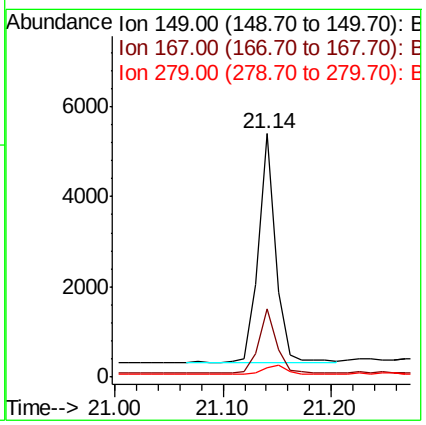


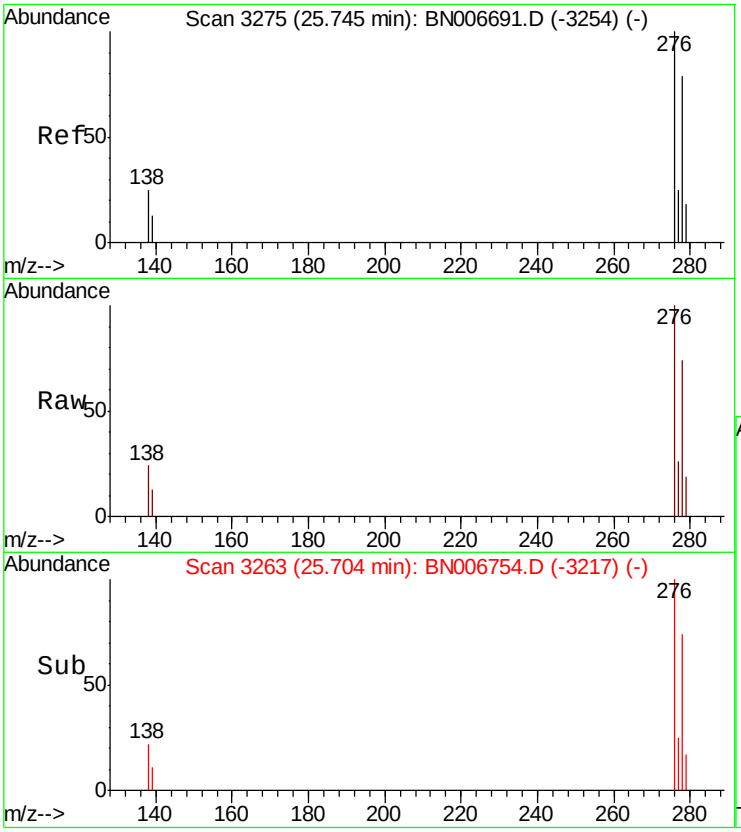


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.14 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:149 Resp: 5631

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.9	34.3
279	4.5	3.2	4.8



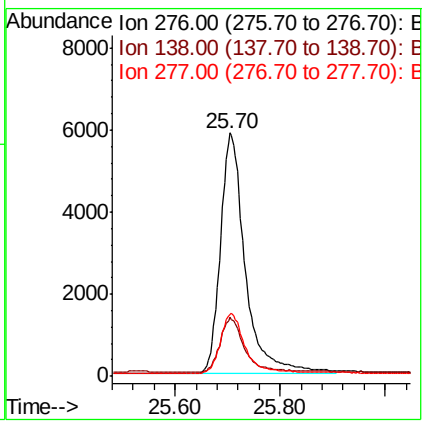


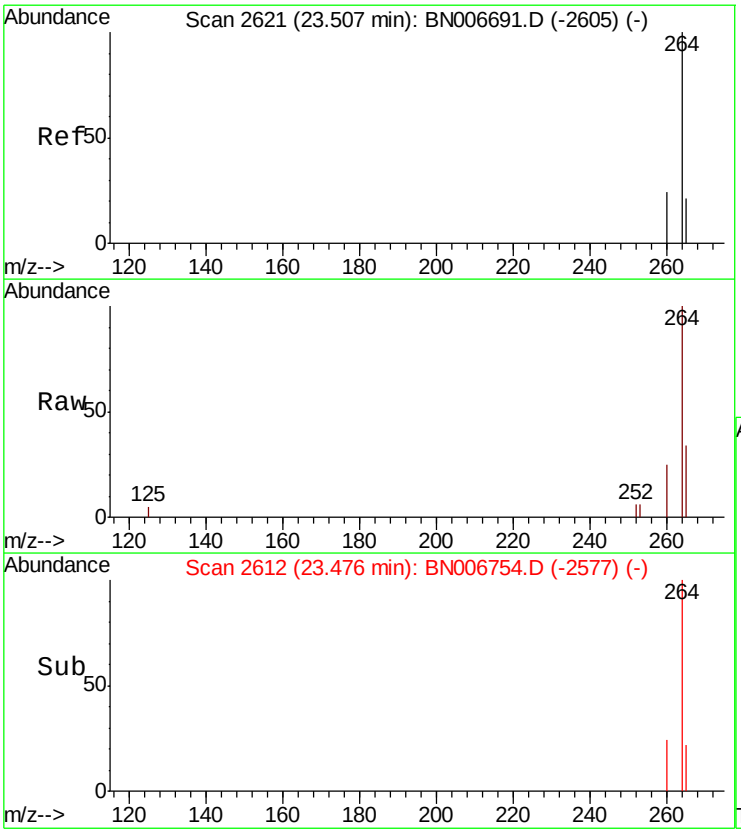
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng
RT: 25.70 min Scan# 3263
Delta R.T. -0.04 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:276 Resp: 19493

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.5	29.3
277	24.9	19.7	29.5

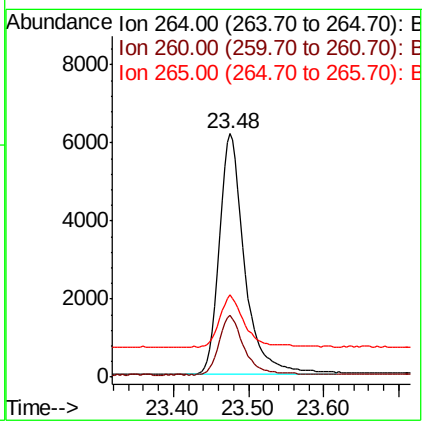


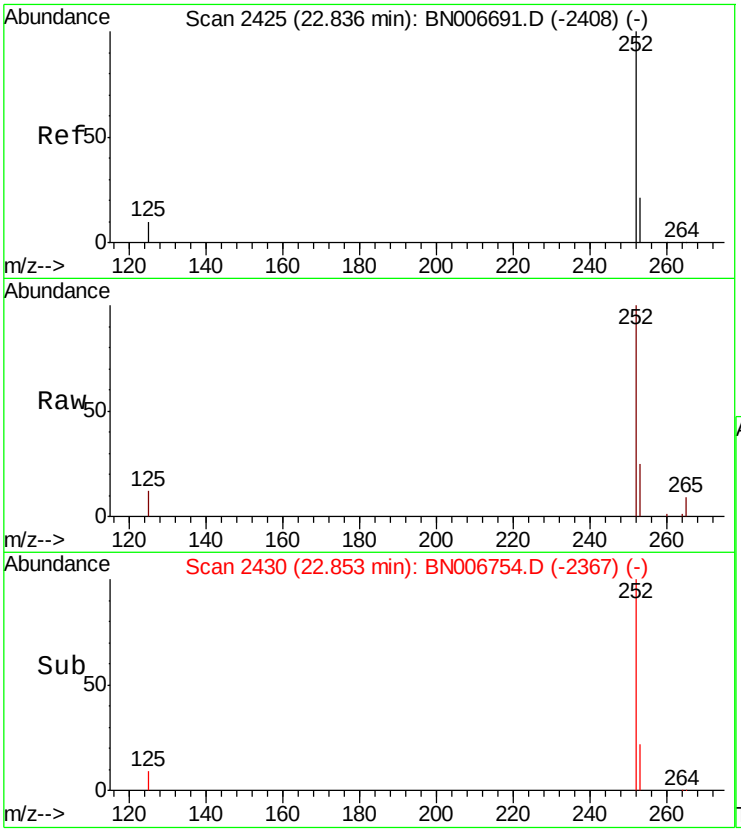


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2612
Delta R.T. -0.03 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:264 Resp: 14398

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	33.9	33.7	50.5



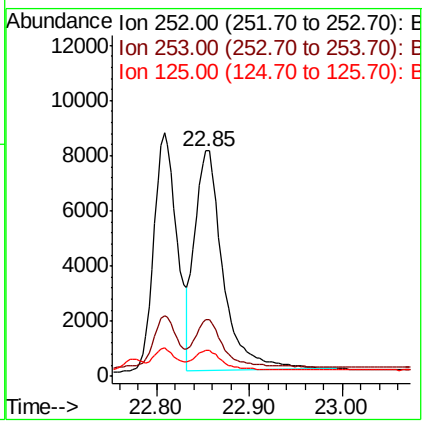


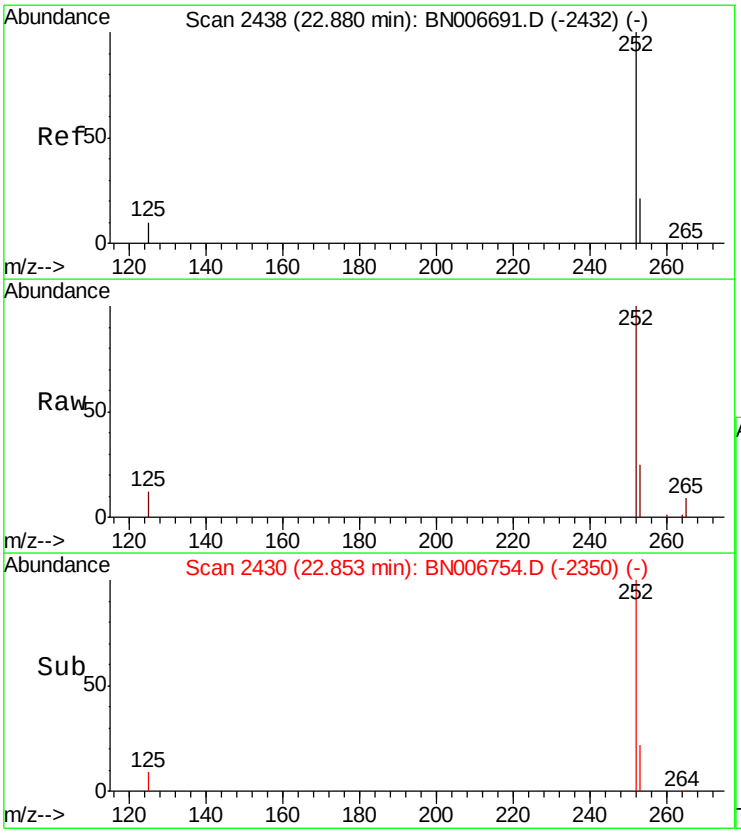
#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 22.85 min Scan# 2430
Delta R.T. 0.02 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:252 Resp: 16885

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.2	30.2
125	11.8	11.5	17.3

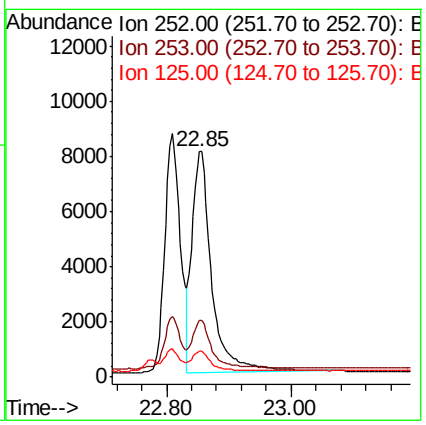


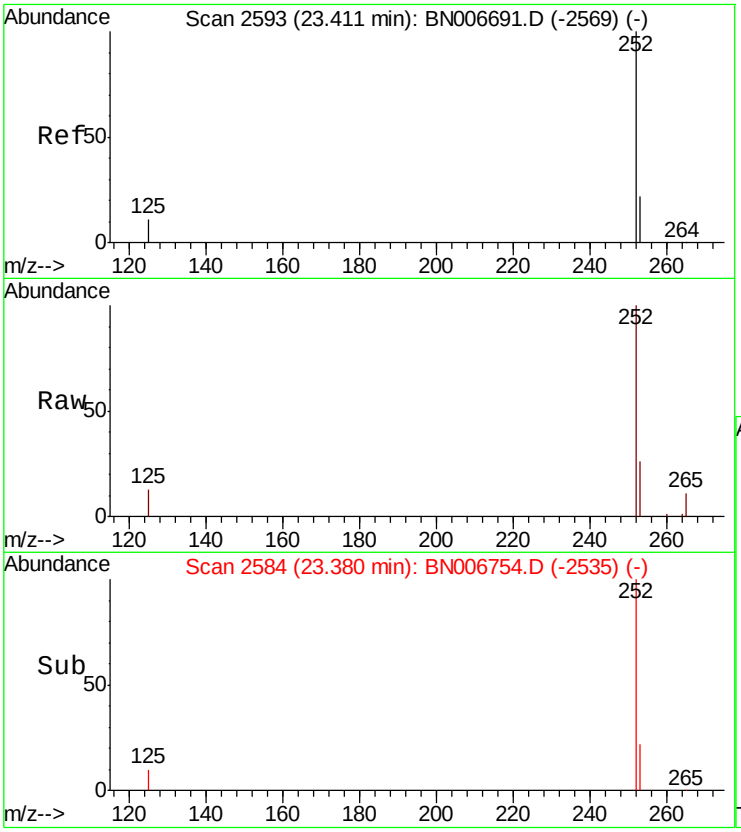


#36
Benzo(k)fluoranthene
Concen: 0.350 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.03 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:252 Resp: 17563

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.1	30.1
125	11.8	11.4	17.0



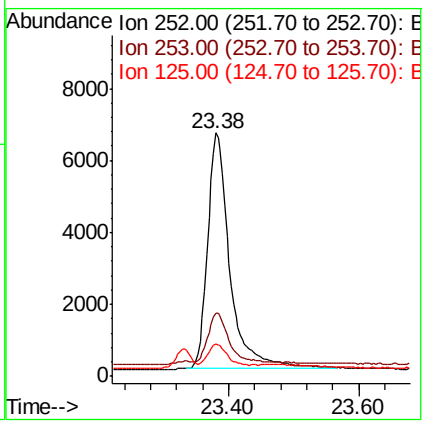


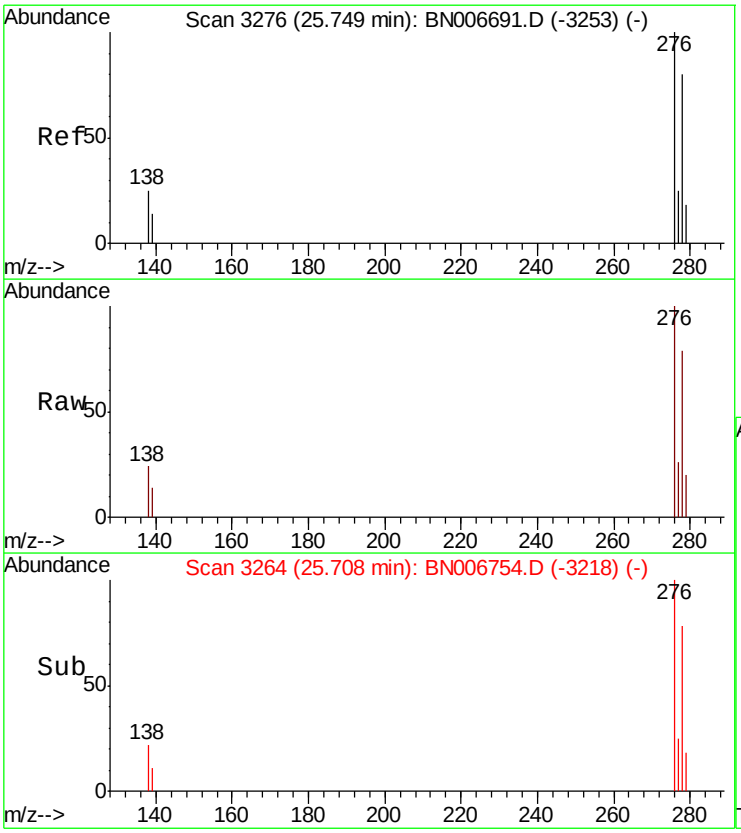
#37
Benzo(a)pyrene
Concen: 0.342 ng
RT: 23.38 min Scan# 2584
Delta R.T. -0.03 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:252 Resp: 15300

Ion	Ratio	Lower	Upper
252	100		
253	26.1	21.4	32.2
125	13.4	13.3	19.9

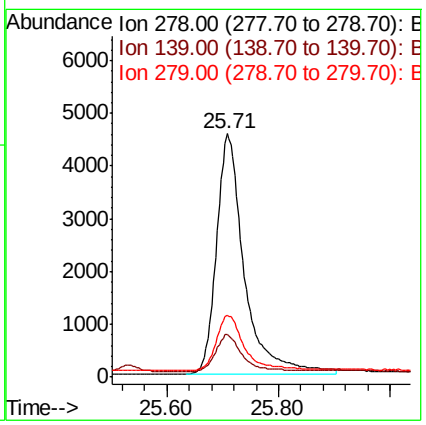


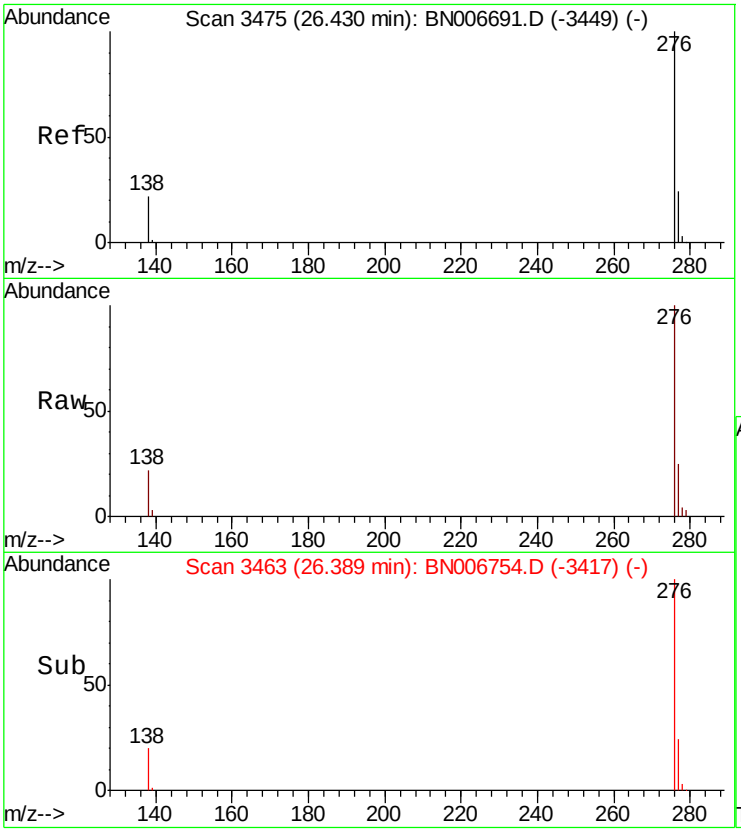


#38
Dibenzo(a,h)anthracene
Concen: 0.352 ng
RT: 25.71 min Scan# 3264
Delta R.T. -0.04 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Tgt Ion:278 Resp: 15654

Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.2	24.4
279	25.5	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 26.39 min Scan# 3463
Delta R.T. -0.04 min
Lab File: BN006754.D
Acq: 08 Jul 2019 12:37

Instrument :
BNA_N
ClientSampleId :
PB121176BSD

Tgt Ion:276 Resp: 17107

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.6	30.8
138	21.8	19.7	29.5