Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006736.D
Acq On : 06 Jul 2019 03:33
Operator : HP/JU
Sample : PB121057BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB121057BSD

Quant Time: Jul 06 05:13:15 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	2899	0.40	ng		-0.02
7) Naphthalene-d8	10.36	136	10932	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	6054	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	13423	0.40	ng		-0.02
27) Chrysene-d12	21.23	240	12474	0.40	ng		-0.03
34) Perylene-d12	23.45	264	14784	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	2327	0.30	ng		0.00
5) Phenol-d6	6.81	99	3207	0.32	ng		-0.02
8) Nitrobenzene-d5	8.78	82	2704	0.32	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	8229	0.50	ng		-0.02
14) 2,4,6-Tribromophenol	15.78	330	734	0.25	ng		-0.01
15) 2-Fluorobiphenyl	12.86	172	8955	0.38	ng		-0.02
25) Fluoranthene-d10	19.05	212	14338	0.37	ng		-0.02
29) Terphenyl-d14	19.66	244	10849	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1233	0.272	ng	#	1
3) n-Nitrosodimethylamine	3.47	42	1092	0.320	ng		92
6) bis(2-Chloroethyl)ether	7.04	93	2672	0.317	ng	#	91
9) Naphthalene	10.42	128	10972	0.367	ng		100
10) Hexachlorobutadiene	10.69	225	2180	0.360	ng	#	100
12) 2-Methylnaphthalene	12.05	142	7127	0.331	ng		98
16) Acenaphthylene	13.96	152	10798	0.358	ng		99
17) Acenaphthene	14.31	154	7008	0.364	ng		98
18) Fluorene	15.31	166	8700	0.364	ng		99
20) 4-Bromophenyl-phenylether	16.20	248	2670	0.338	ng	#	88
21) Hexachlorobenzene	16.31	284	3533	0.375	ng		100
22) Pentachlorophenol	16.72	266	661	0.612	ng		92
23) Phenanthrene	17.05	178	13550	0.350	ng		100
24) Anthracene	17.15	178	11730	0.335	ng		100
26) Fluoranthene	19.09	202	16523	0.364	ng		100
28) Pyrene	19.45	202	17064	0.342	ng		99
30) Benzo(a)anthracene	21.22	228	14642	0.340	ng		100
31) Chrysene	21.27	228	16756	0.378	ng		100
32) Bis(2-ethylhexyl)phthalate	21.13	149	6477	0.050	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	22522	0.425	ng		98
35) Benzo(b)fluoranthene	22.83	252	18783	0.396	ng		97
36) Benzo(k)fluoranthene	22.83	252	19505	0.379	ng		97
37) Benzo(a)pyrene	23.36	252	17592	0.383	ng	#	96
38) Dibenzo(a,h)anthracene	25.68	278	18058	0.395	ng		96
39) Benzo(g,h,i)perylene	26.36	276	19669	0.418	ng		95

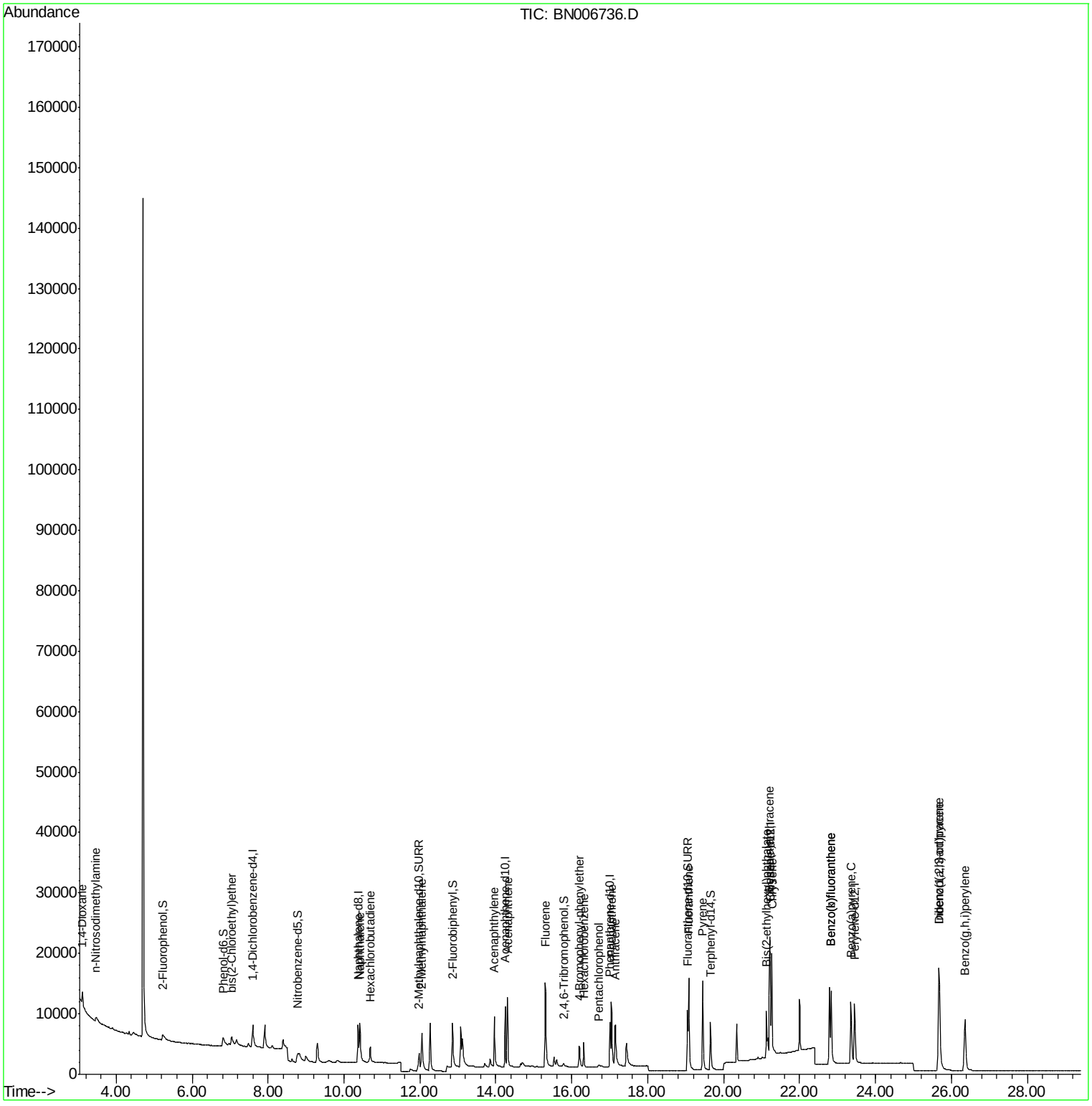
(#) = qualifier out of range (m) = manual integration (+) = signals summed

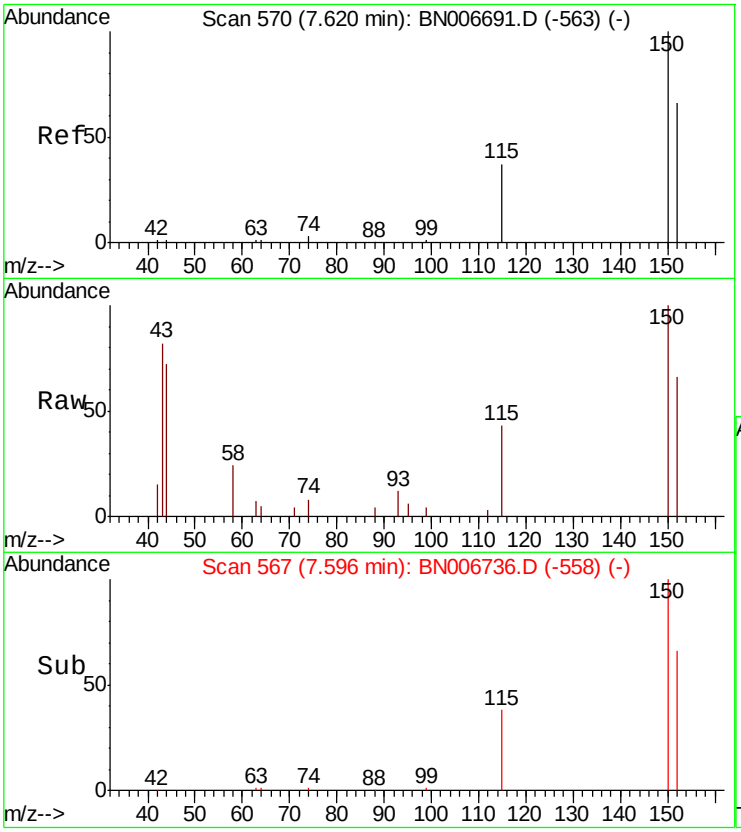
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006736.D
Acq On : 06 Jul 2019 03:33
Operator : HP/JU
Sample : PB121057BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Quant Time: Jul 06 05:13:15 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



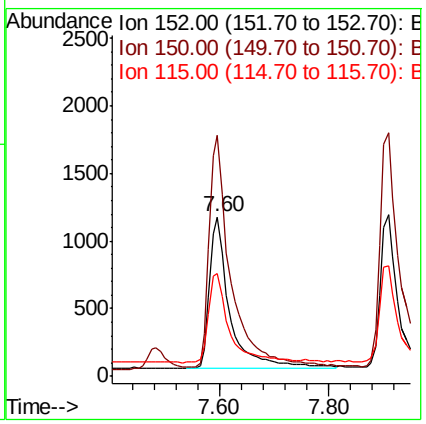


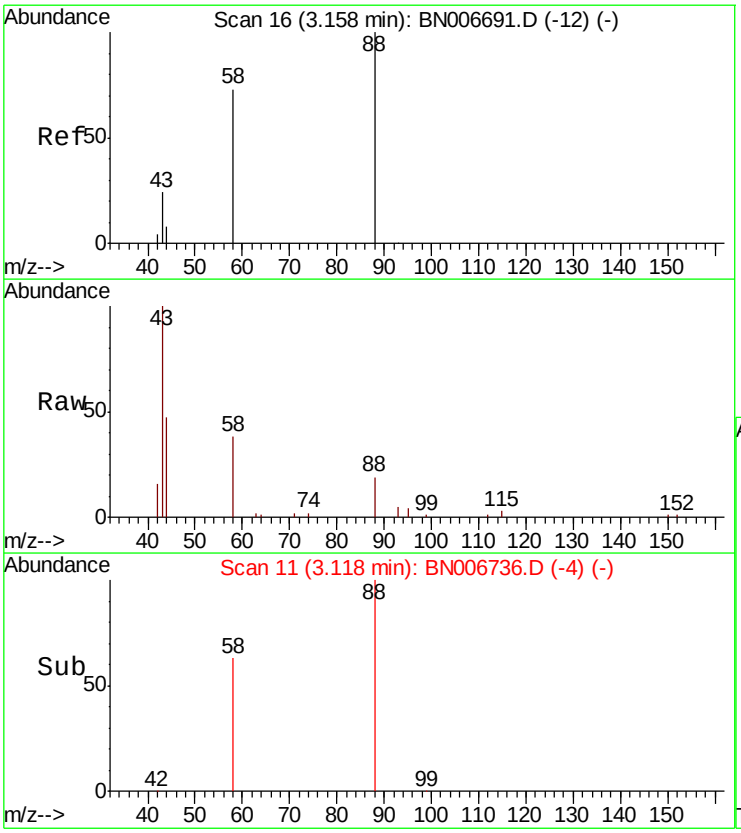
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:152 Resp: 2899

Ion	Ratio	Lower	Upper
152	100		
150	151.4	120.6	181.0
115	64.6	51.0	76.6

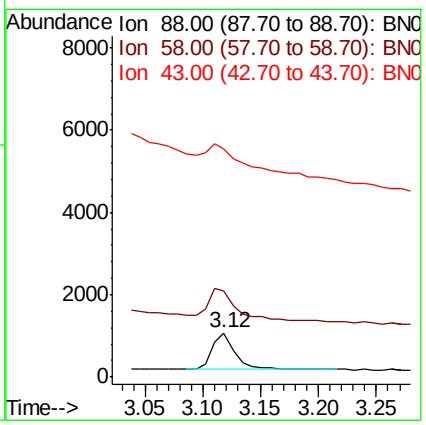


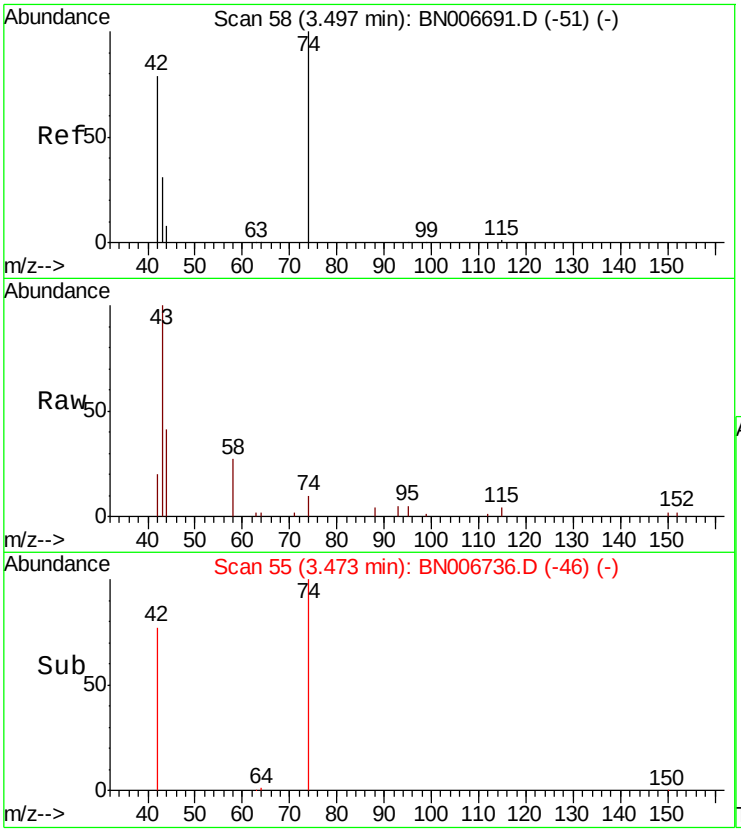


#2
1,4-Dioxane
Concen: 0.272 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion: 88 Resp: 1233

Ion	Ratio	Lower	Upper
88	100		
58	115.5	61.1	91.7#
43	186.1	32.4	48.6#



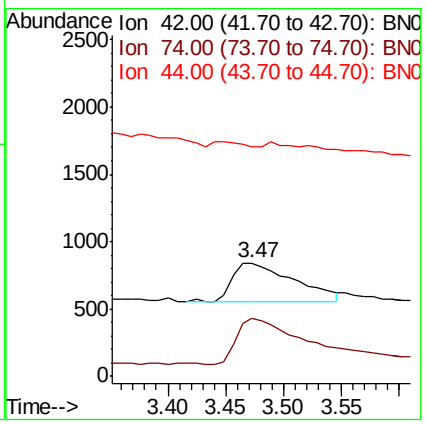


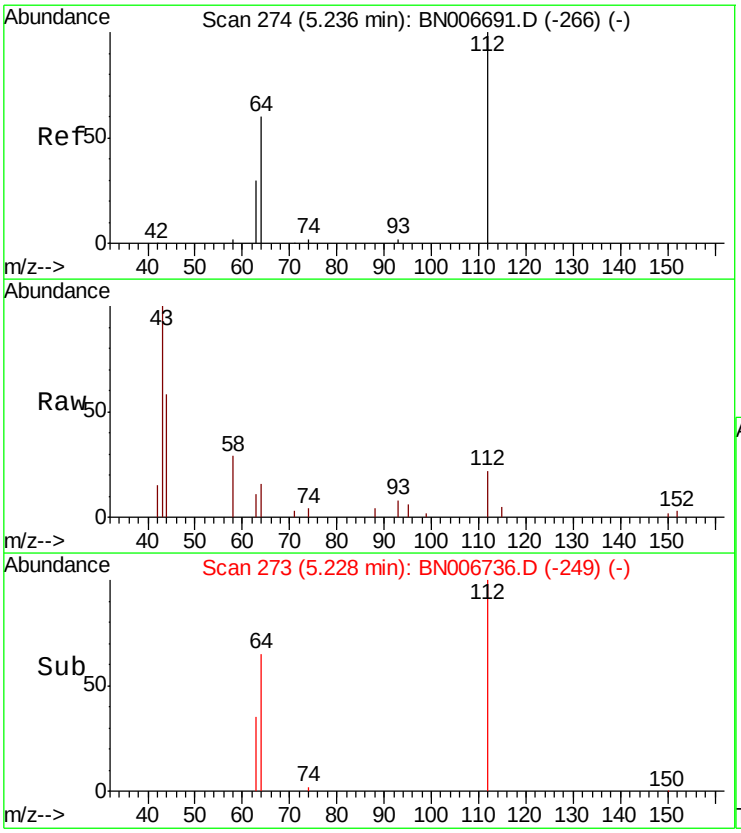
#3
n-Nitrosodimethylamine
Concen: 0.320 ng
RT: 3.47 min Scan# 55
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion: 42 Resp: 1092

Ion	Ratio	Lower	Upper
42	100		
74	122.9	106.6	160.0
44	10.6	8.0	12.0

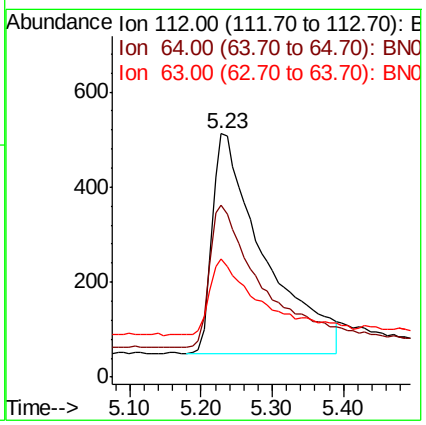


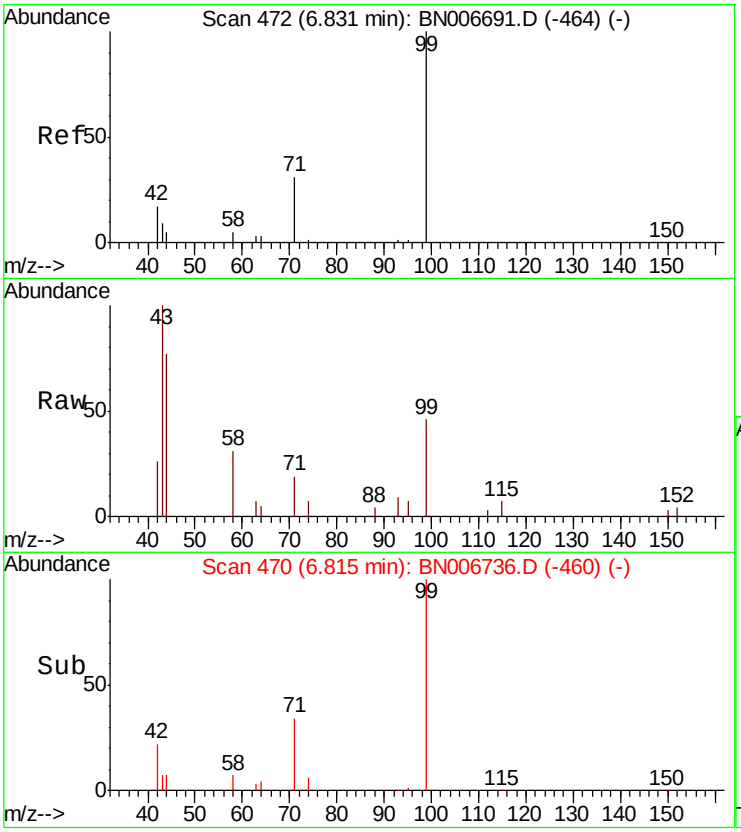


#4
2-Fluorophenol
Concen: 0.296 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:112 Resp: 2327

Ion	Ratio	Lower	Upper
112	100		
64	65.6	49.8	74.6
63	34.4	25.8	38.6



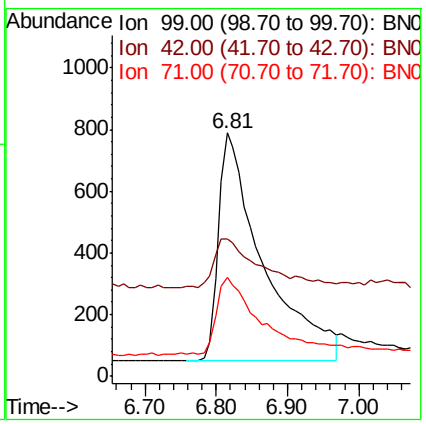


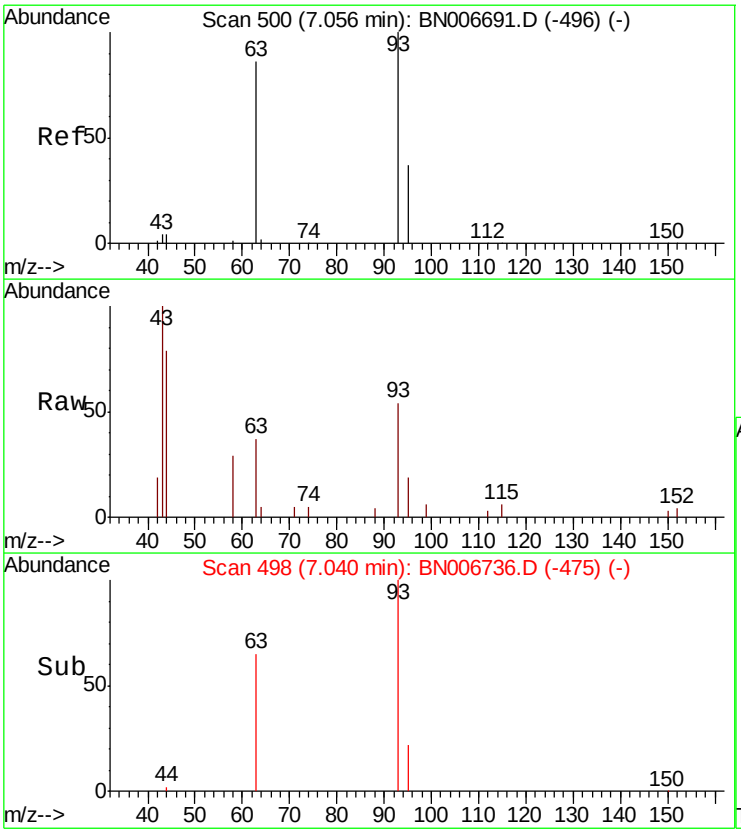
#5
Phenol-d6
Concen: 0.322 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion: 99 Resp: 3207

Ion	Ratio	Lower	Upper
99	100		
42	22.9	16.6	25.0
71	33.5	26.0	39.0

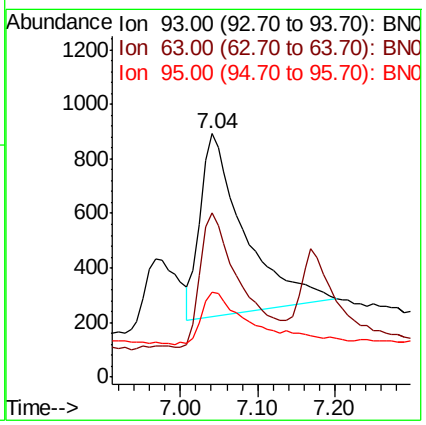


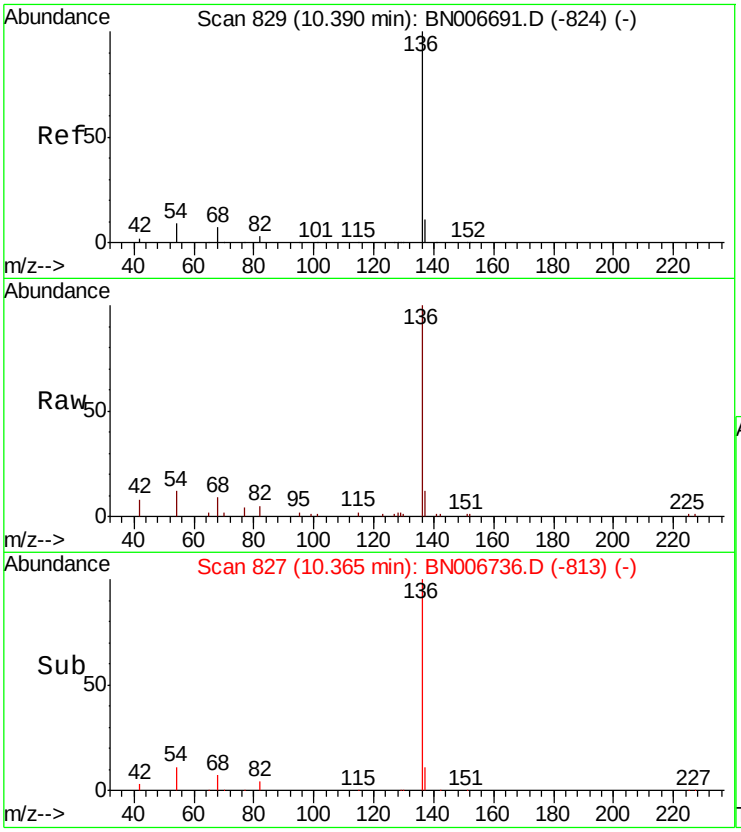


#6
bis(2-Chloroethyl)ether
Concen: 0.317 ng
RT: 7.04 min Scan# 498
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion: 93 Resp: 2672

Ion	Ratio	Lower	Upper
93	100		
63	67.7	58.6	87.8
95	27.0	28.3	42.5#



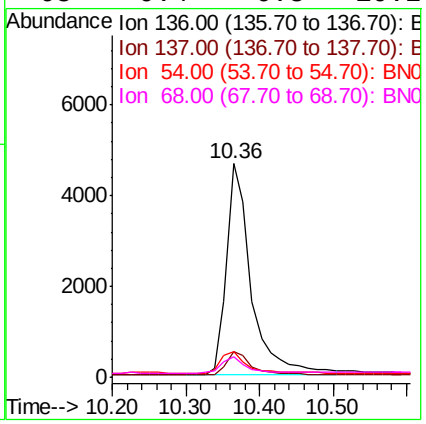


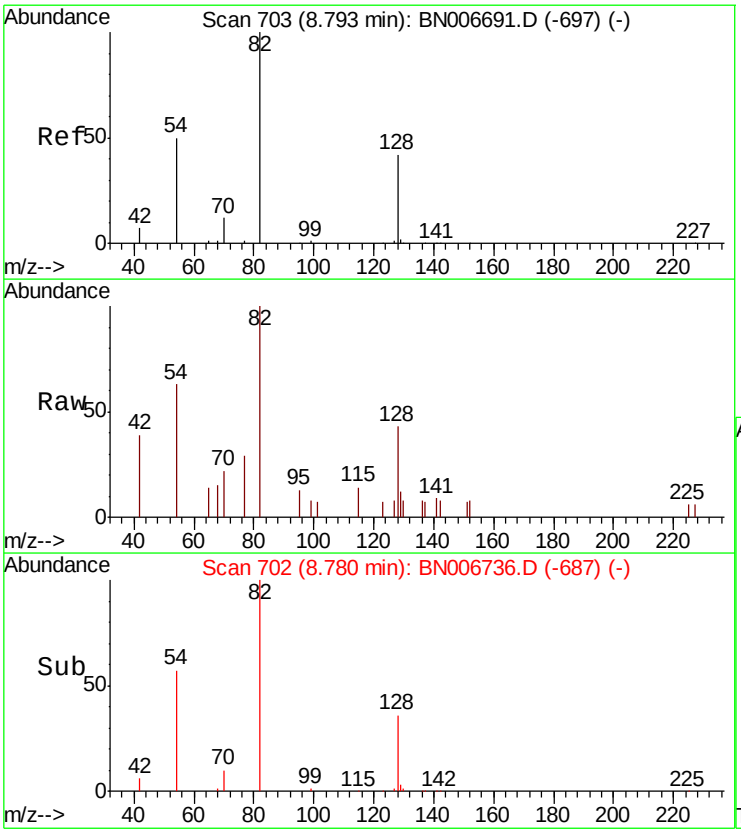
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:136 Resp: 10932

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	12.3	8.4	12.6
68	9.4	6.8	10.2

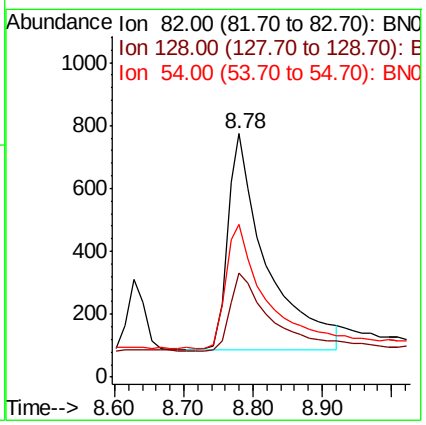


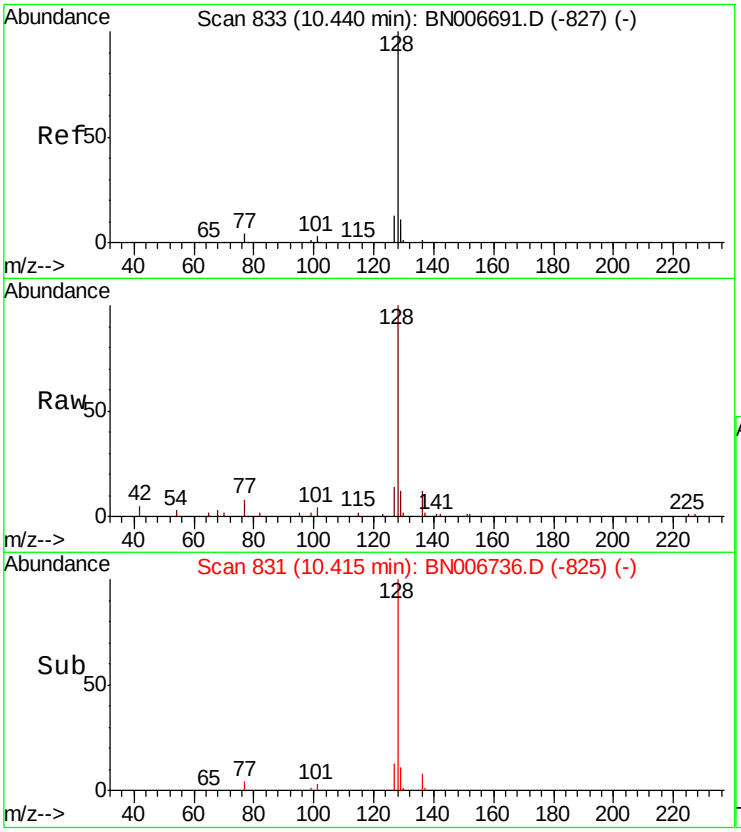


#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion: 82 Resp: 2704

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	62.9	44.5	66.7



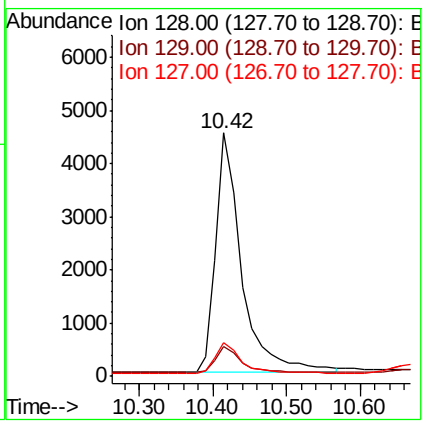


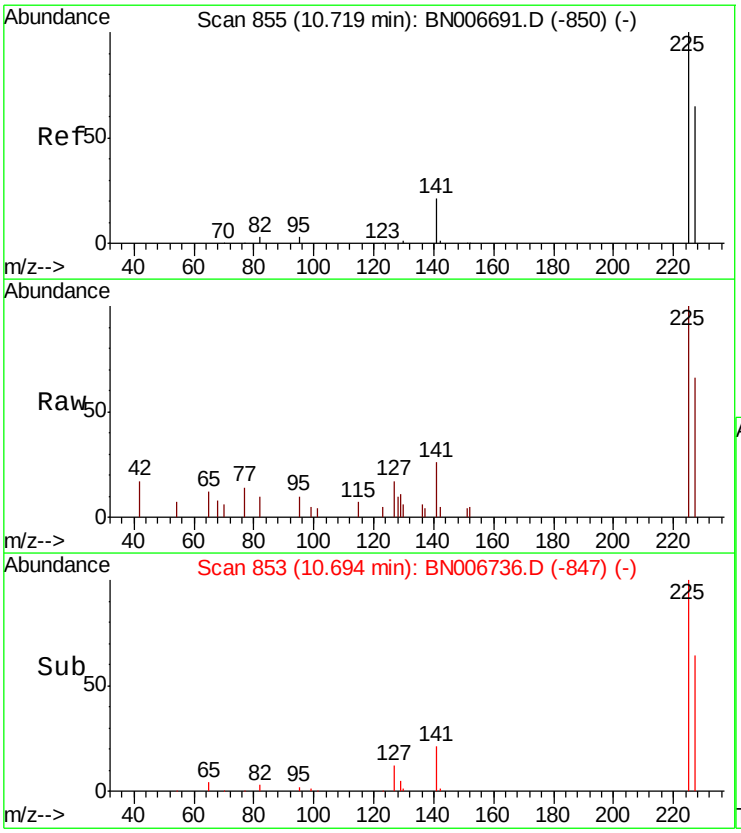
#9
Naphthalene
Concen: 0.367 ng
RT: 10.42 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:128 Resp: 10972

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	13.9	11.0	16.4

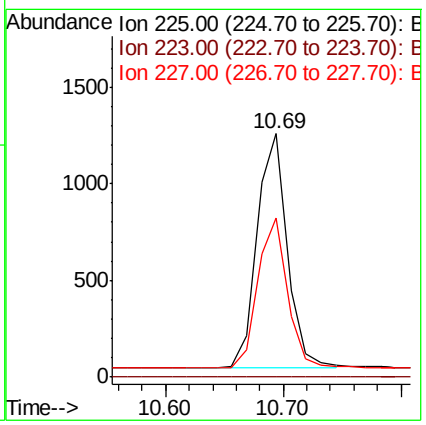


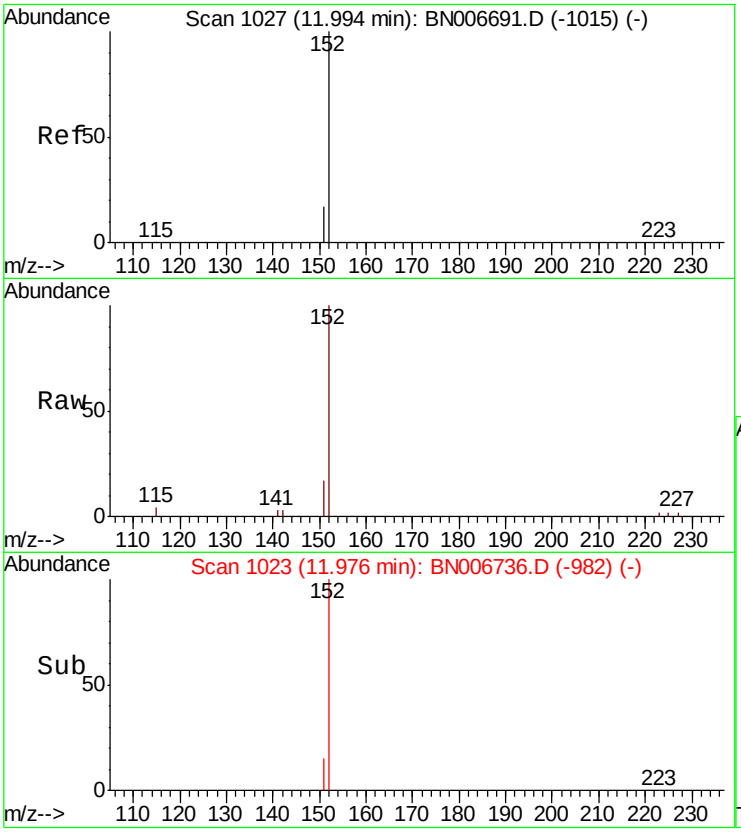


#10
Hexachlorobutadiene
Concen: 0.360 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:225 Resp: 2180

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	50.9	76.3



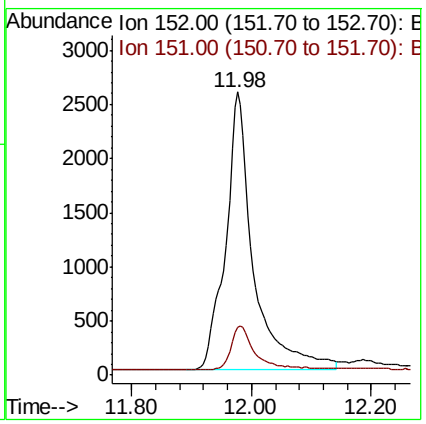


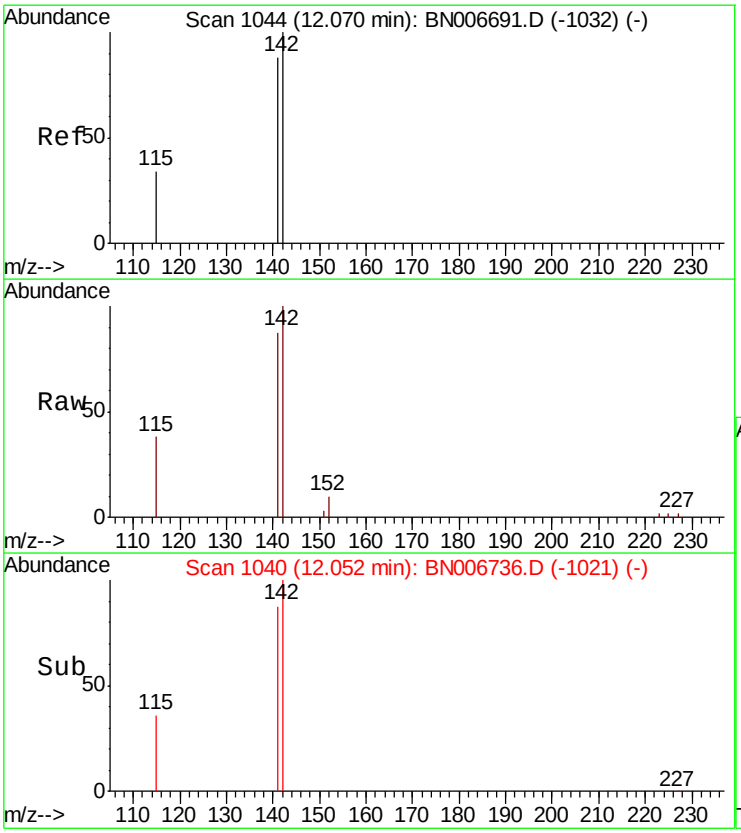
#11
2-Methylnaphthalene-d10
Concen: 0.501 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:152 Resp: 8229

Ion	Ratio	Lower	Upper
152	100		
151	14.0	14.9	22.3#

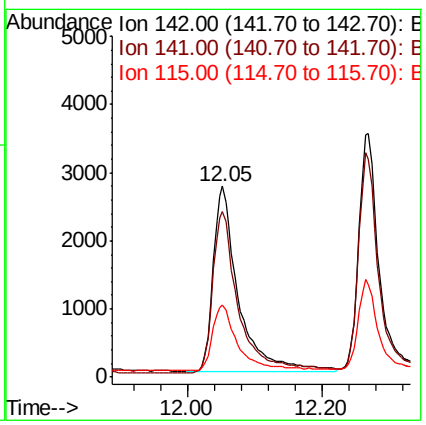


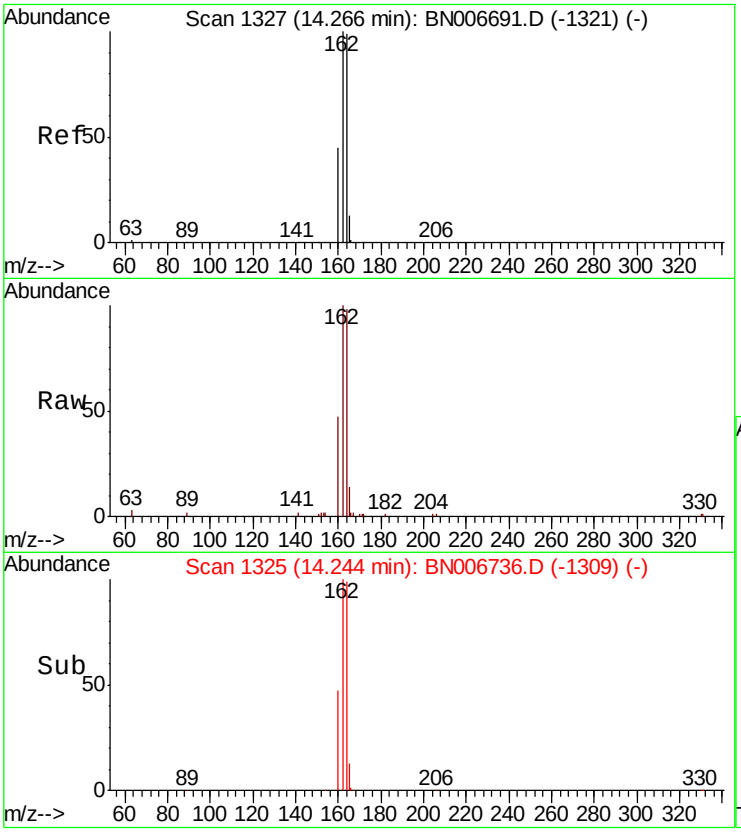


#12
2-Methylnaphthalene
Concen: 0.331 ng
RT: 12.05 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:142 Resp: 7127

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.3	105.5
115	38.1	28.9	43.3



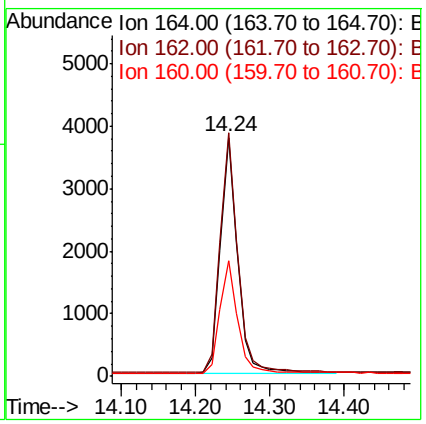


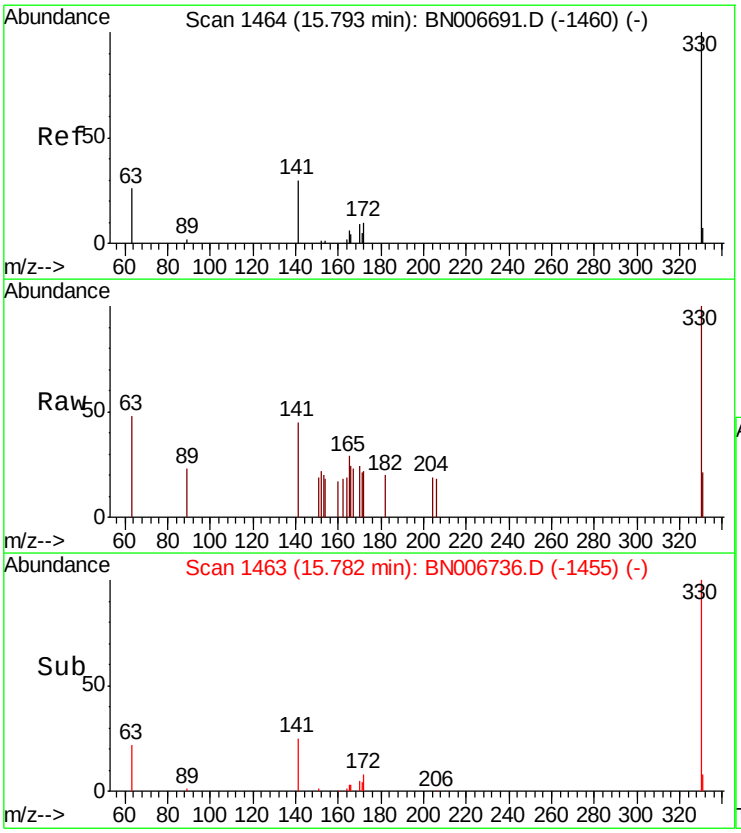
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:164 Resp: 6054

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.8	121.2
160	48.2	37.0	55.6

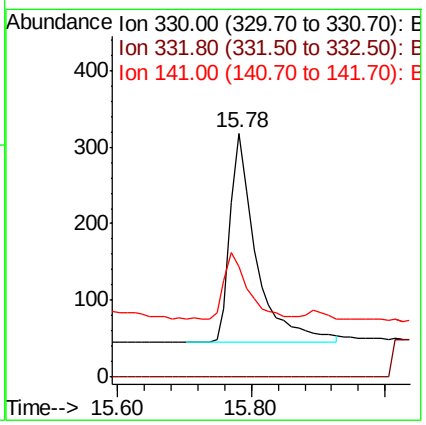


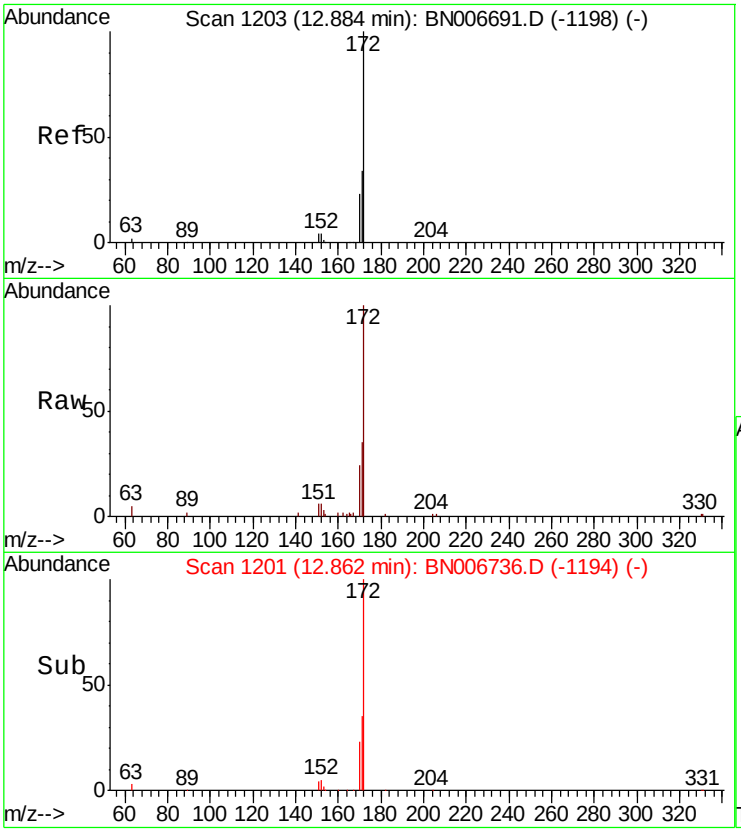


#14
2,4,6-Tribromophenol
Concen: 0.247 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:330 Resp: 734

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.3	24.8	37.2



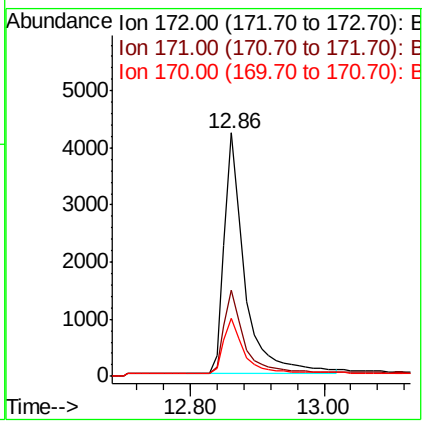


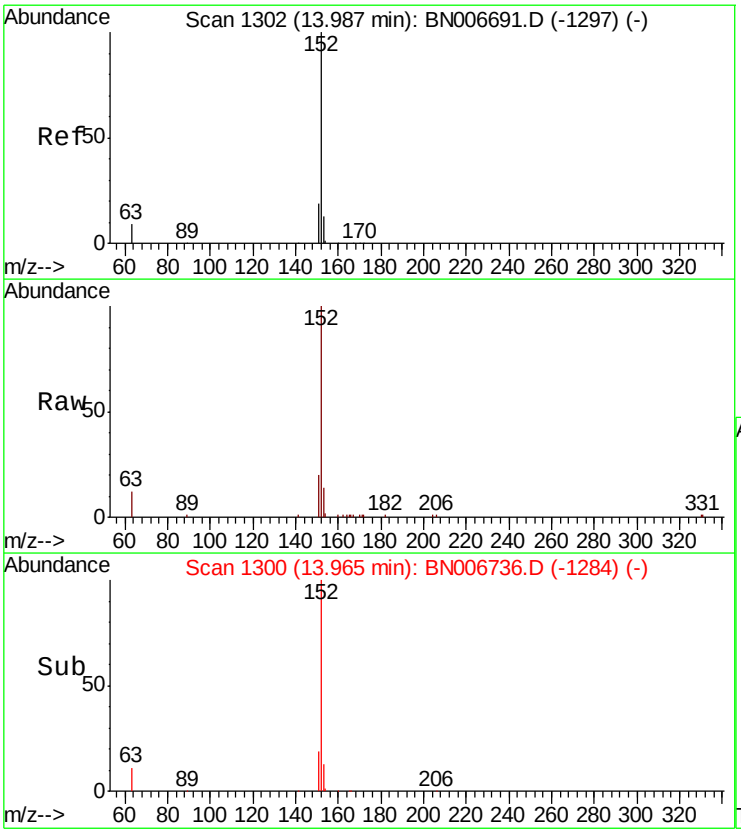
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:172 Resp: 8955

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	24.0	18.9	28.3

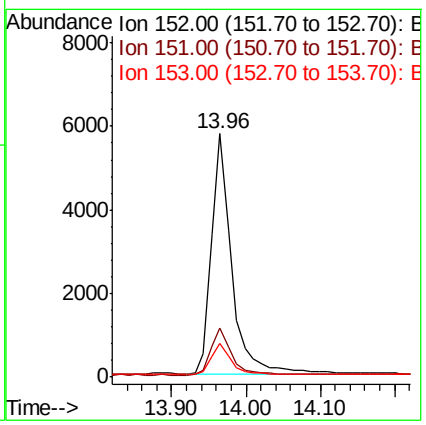


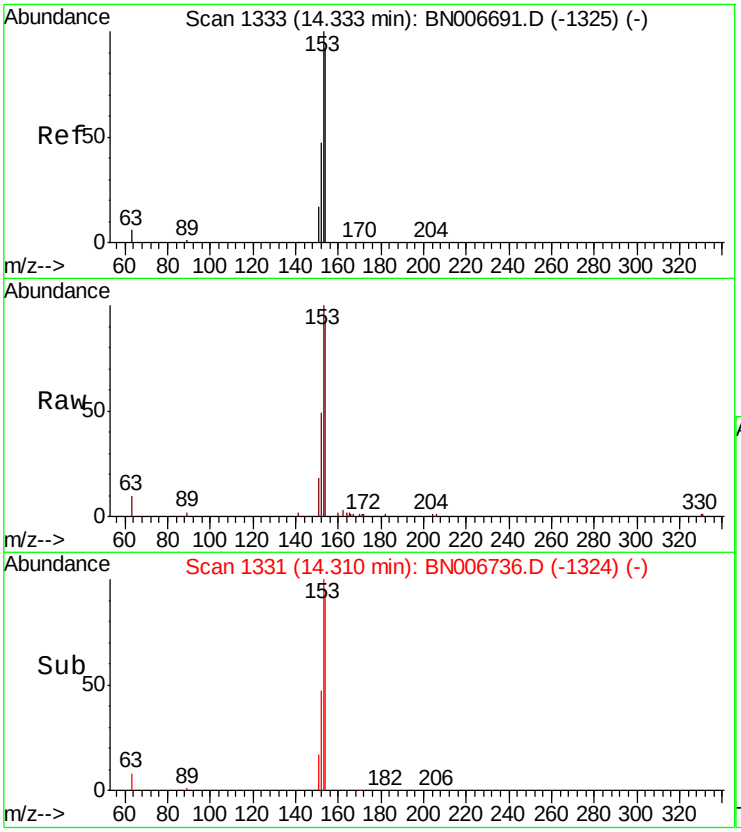


#16
Acenaphthylene
Concen: 0.358 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:152 Resp: 10798

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.9	10.6	15.8



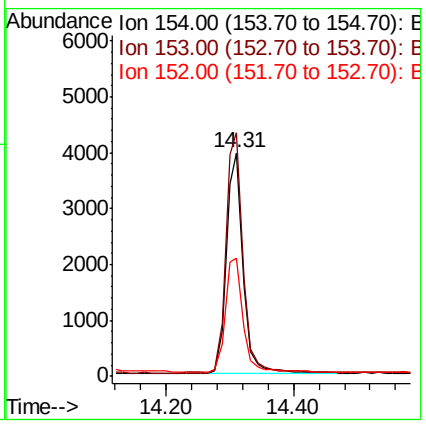


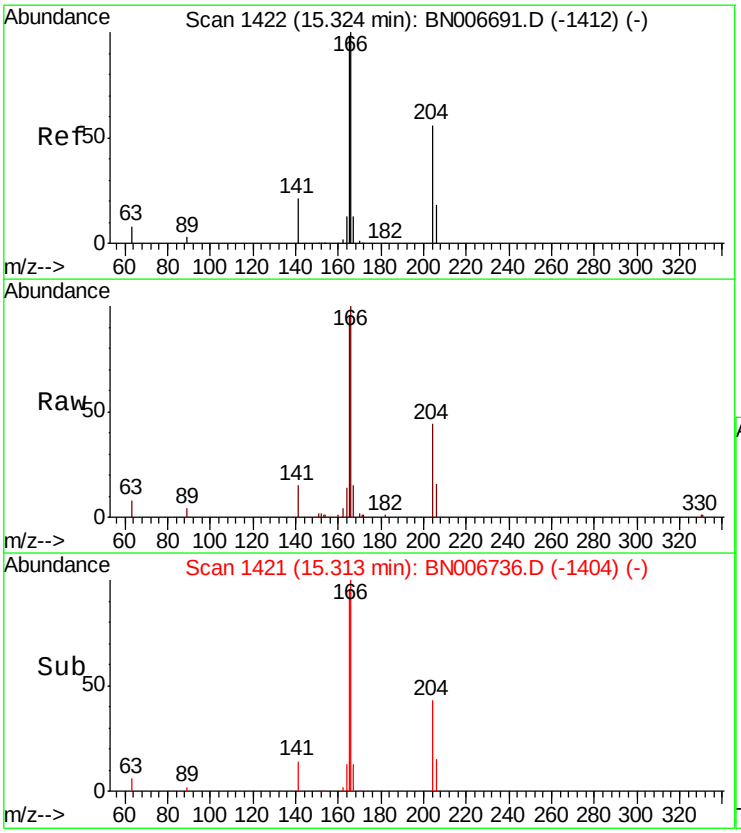
#17
Acenaphthene
Concen: 0.364 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:154 Resp: 7008

Ion	Ratio	Lower	Upper
154	100		
153	112.9	88.9	133.3
152	55.9	42.8	64.2

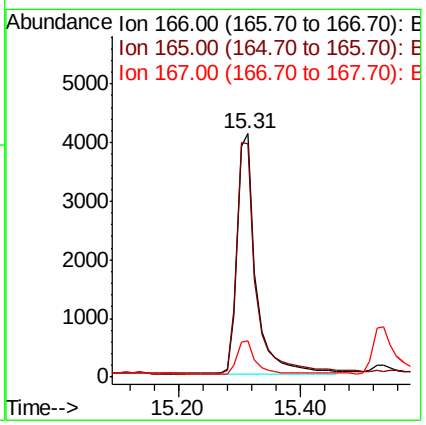


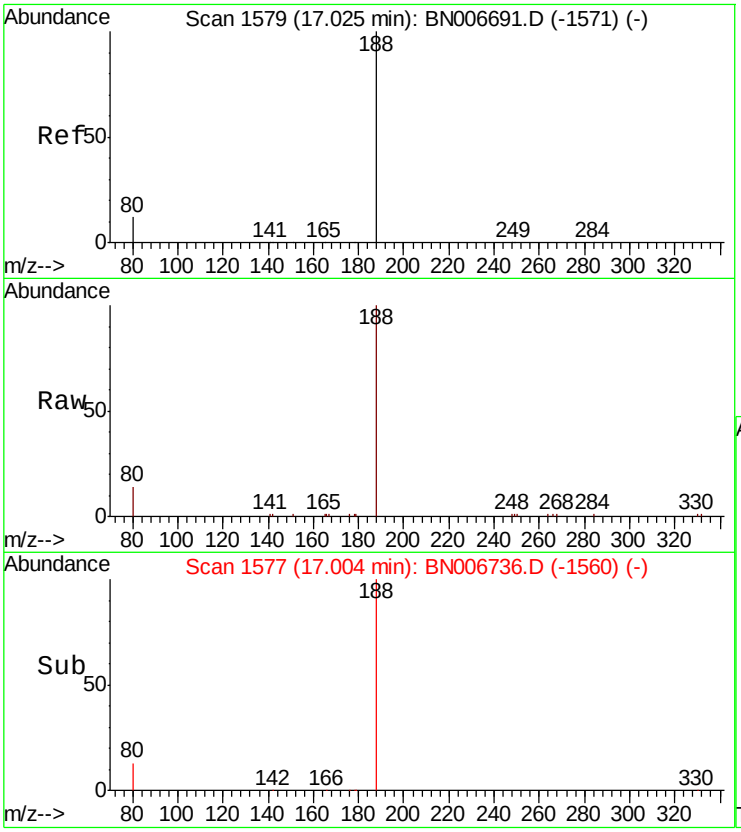


#18
Fluorene
Concen: 0.364 ng
RT: 15.31 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:166 Resp: 8700

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



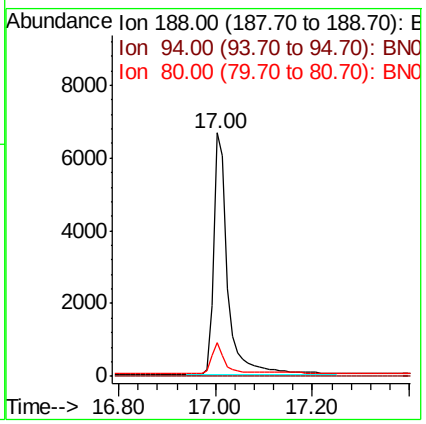


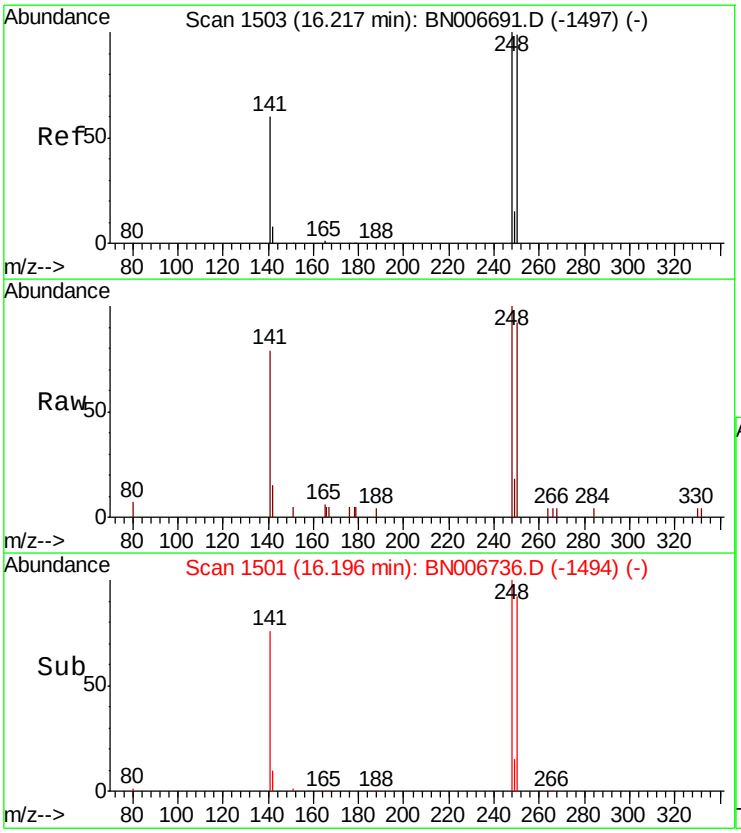
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:188 Resp: 13423

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	10.3	15.5

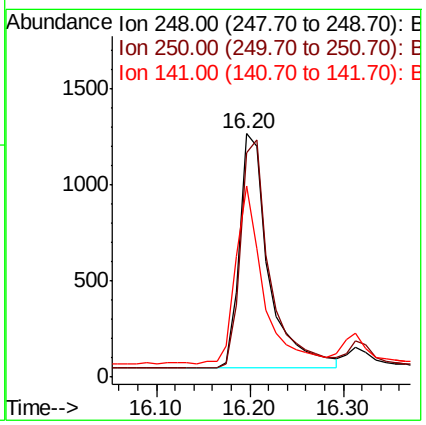


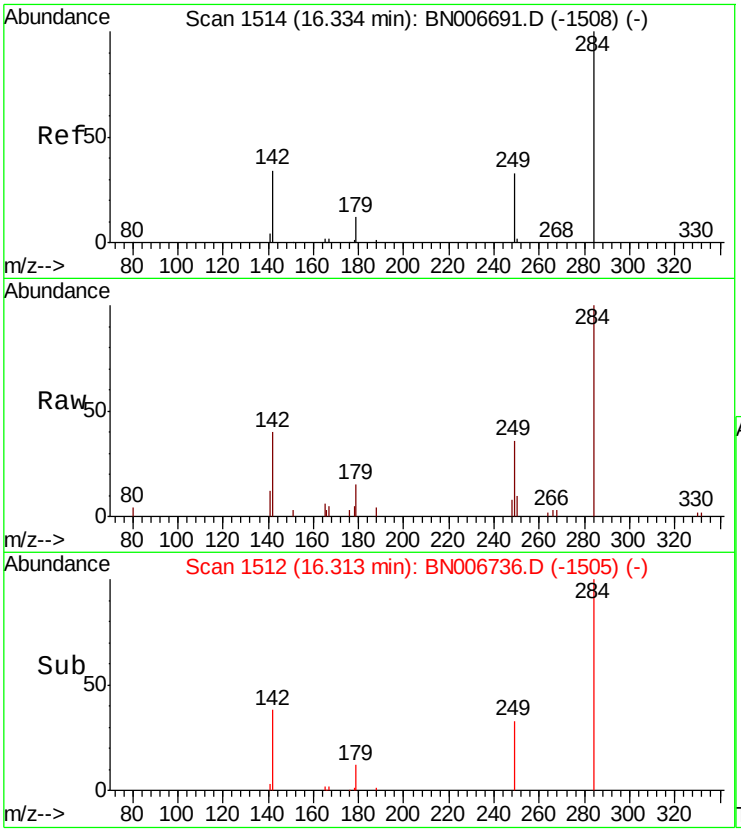


#20
4-Bromophenyl-phenylether
Concen: 0.338 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:248 Resp: 2670

Ion	Ratio	Lower	Upper
248	100		
250	92.2	79.0	118.6
141	78.7	50.2	75.4#



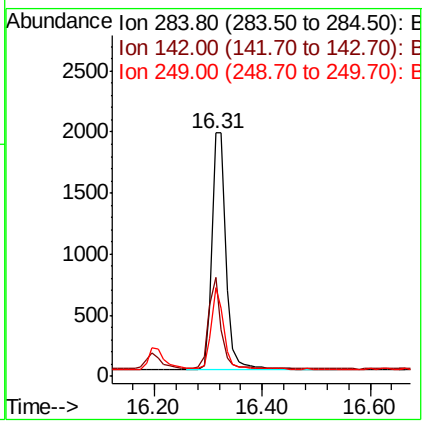


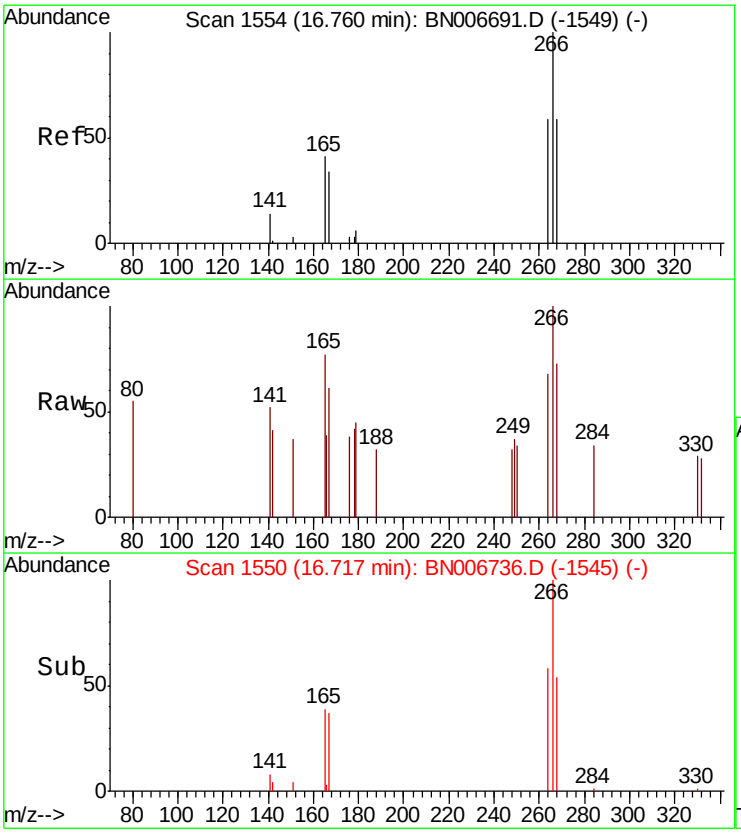
#21
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:284 Resp: 3533

Ion	Ratio	Lower	Upper
284	100		
142	33.3	26.9	40.3
249	30.6	24.4	36.6

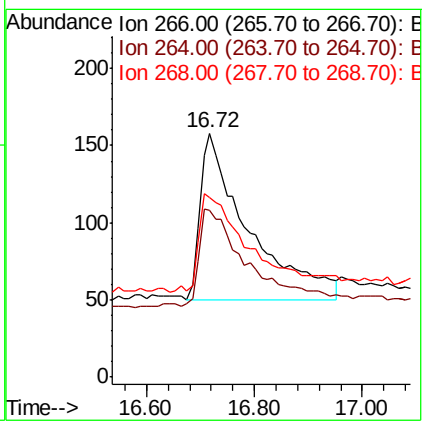


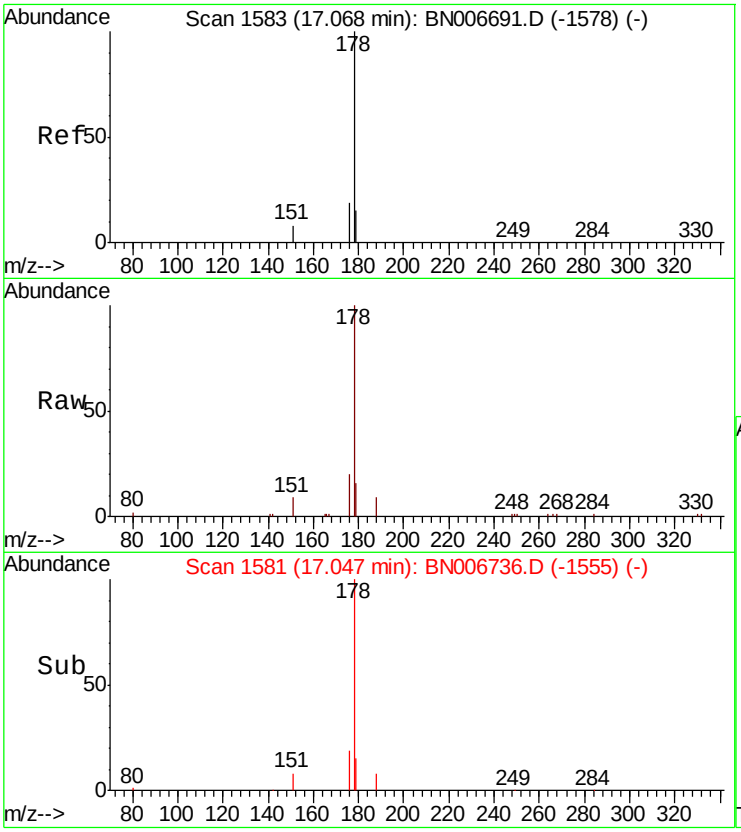


#22
Pentachlorophenol
Concen: 0.612 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:266 Resp: 661

Ion	Ratio	Lower	Upper
266	100		
264	68.4	57.6	86.4
268	73.4	66.6	99.8



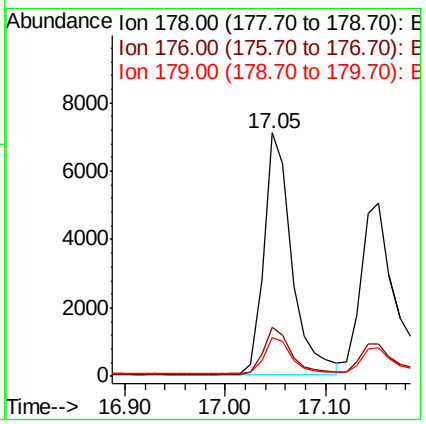


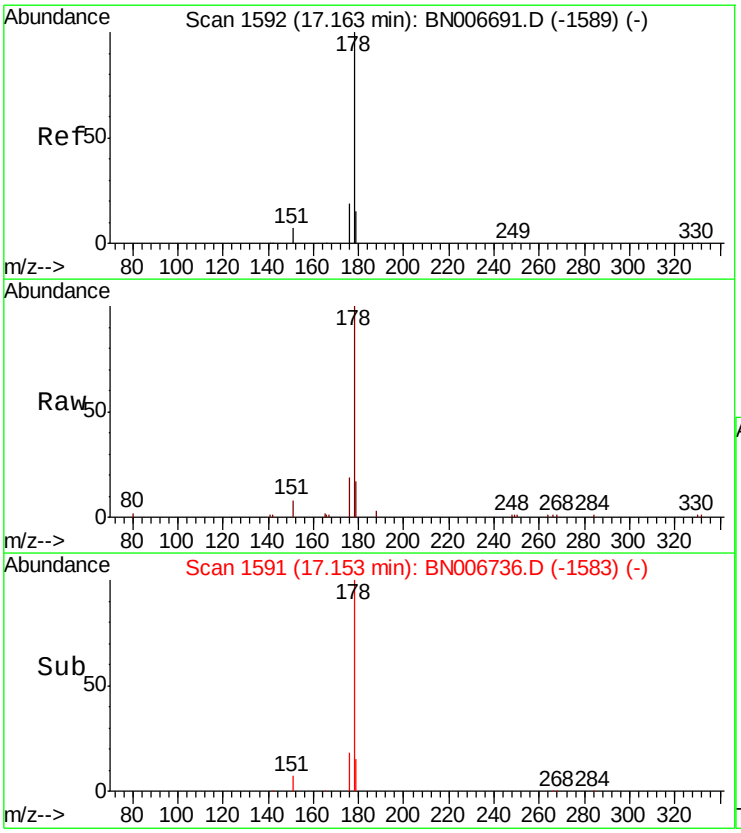
#23
Phenanthrene
Concen: 0.350 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:178 Resp: 13550

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.4	12.4	18.6

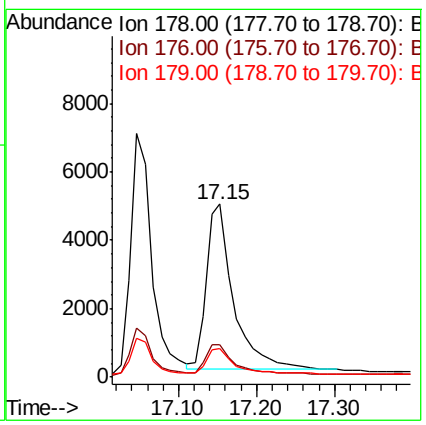


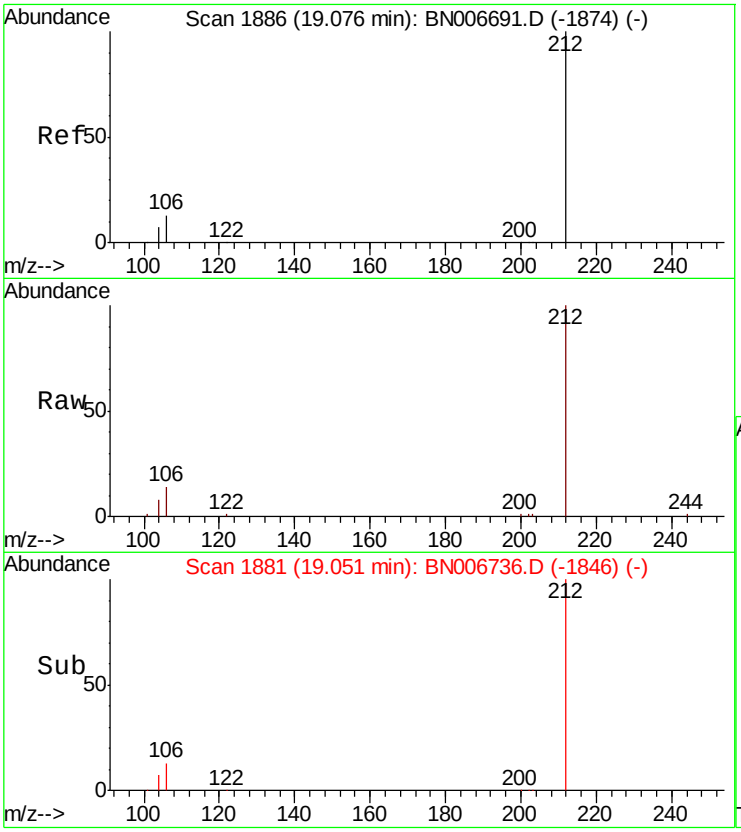


#24
Anthracene
Concen: 0.335 ng
RT: 17.15 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:178 Resp: 11730

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.1	11.9	17.9



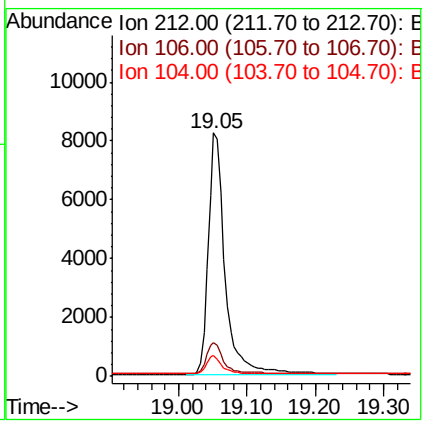


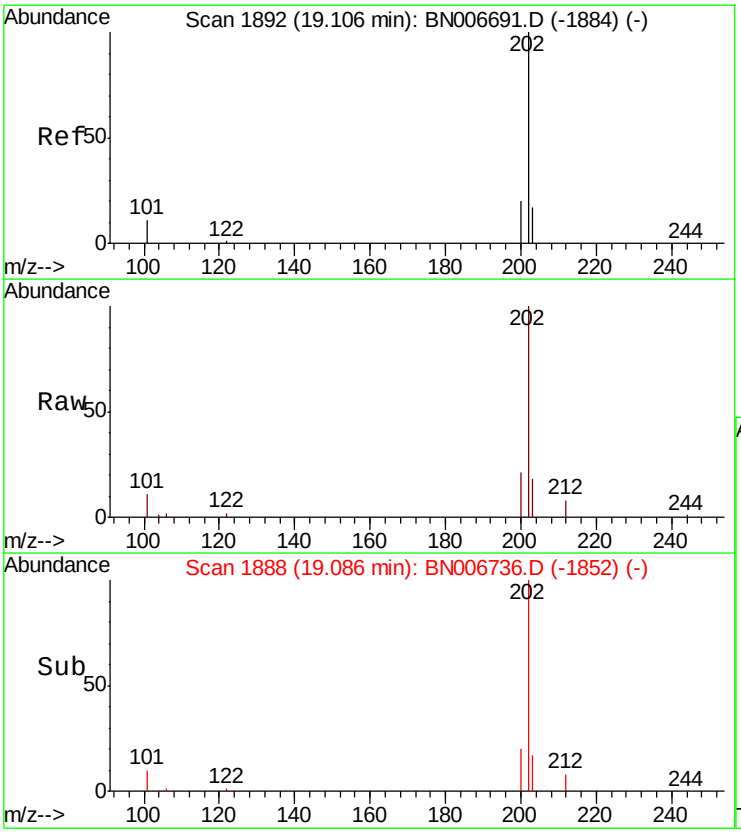
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.05 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:212 Resp: 14338

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

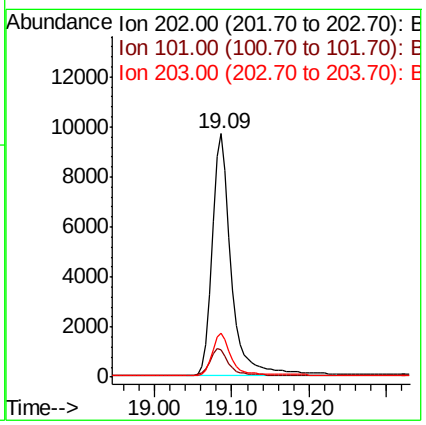


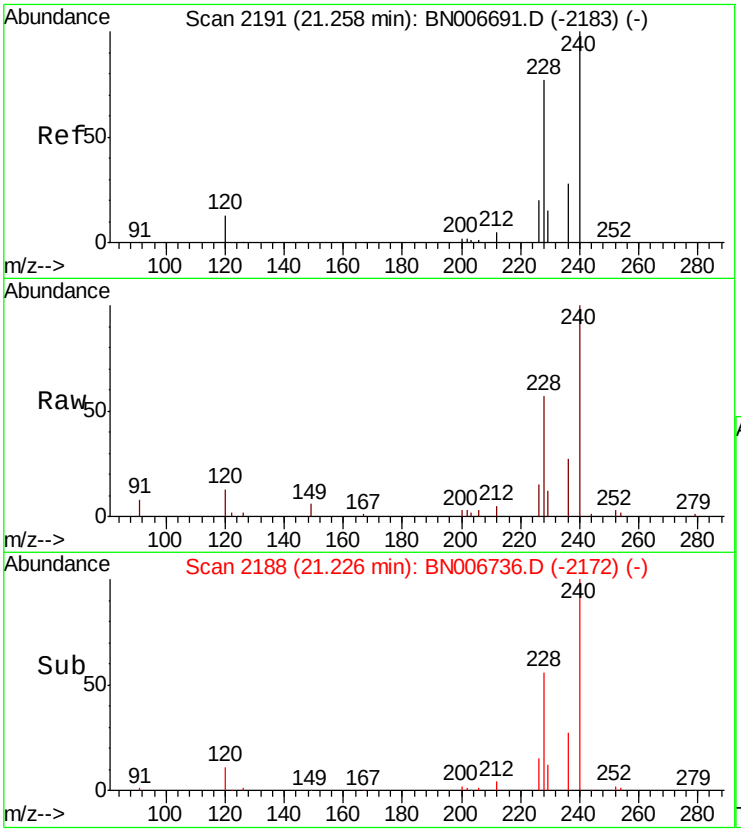


#26
Fluoranthene
Concen: 0.364 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:202 Resp: 16523

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.7	13.1
203	17.2	13.8	20.6



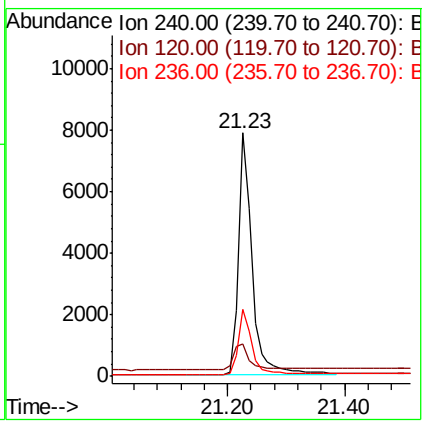


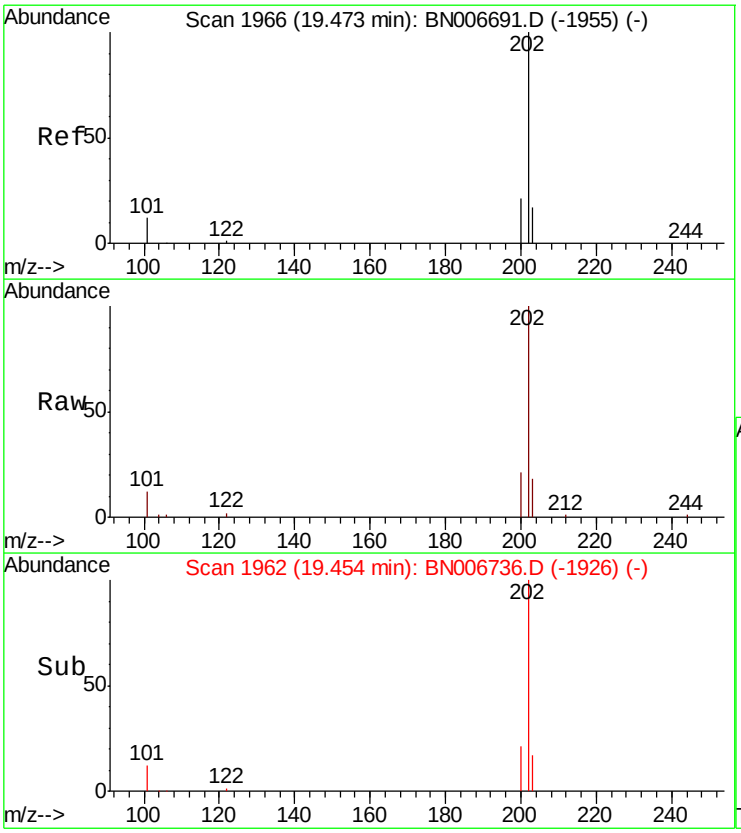
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:240 Resp: 12474

Ion	Ratio	Lower	Upper
240	100		
120	13.5	12.9	19.3
236	27.3	23.2	34.8

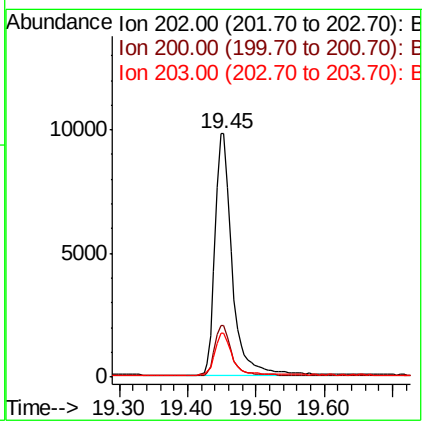


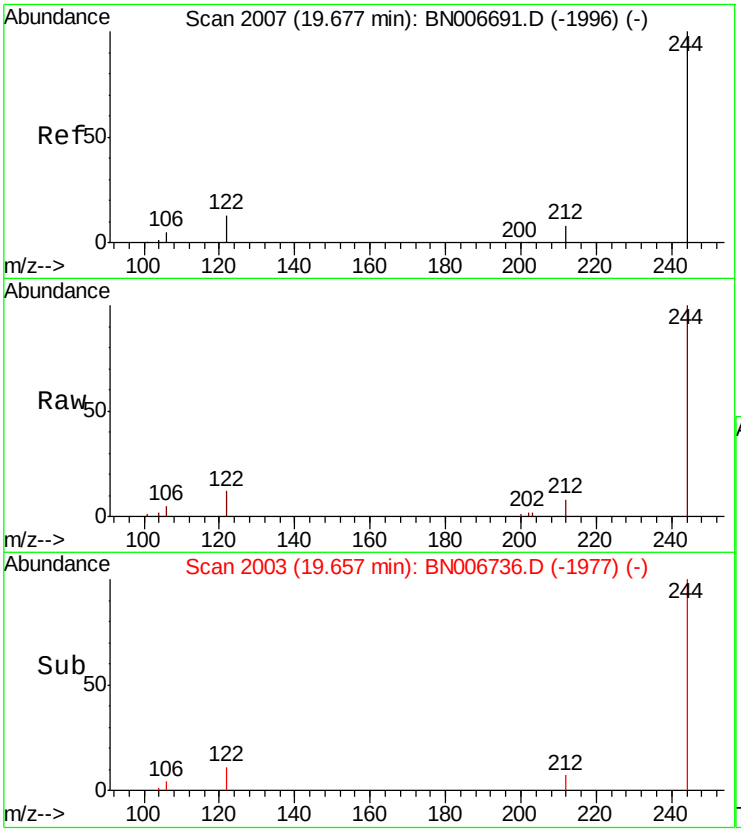


#28
Pyrene
Concen: 0.342 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:202 Resp: 17064

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



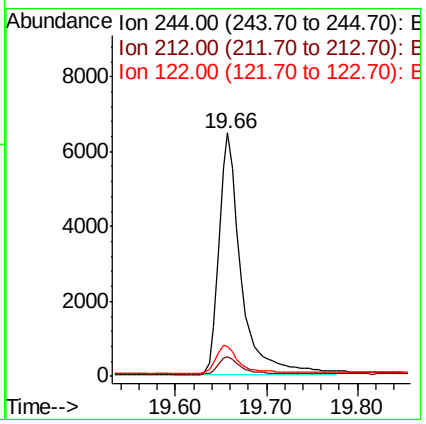


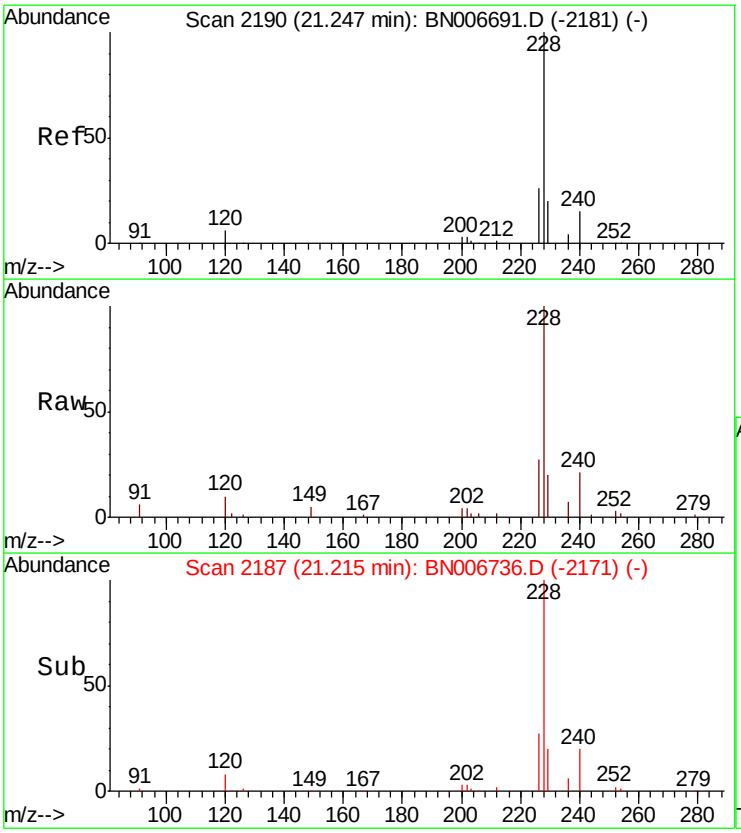
#29
Terphenyl-d14
Concen: 0.378 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument : BNA_N
ClientSampleId : PB121057BSD

Tgt Ion:244 Resp: 10849

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	12.5	11.5	17.3

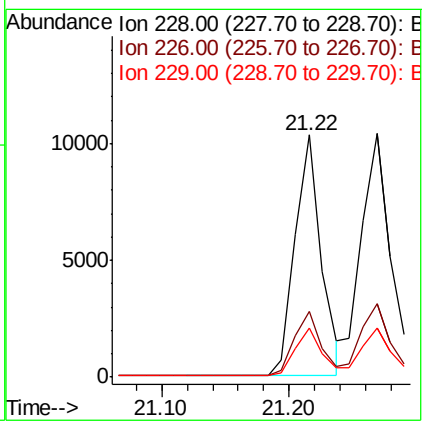


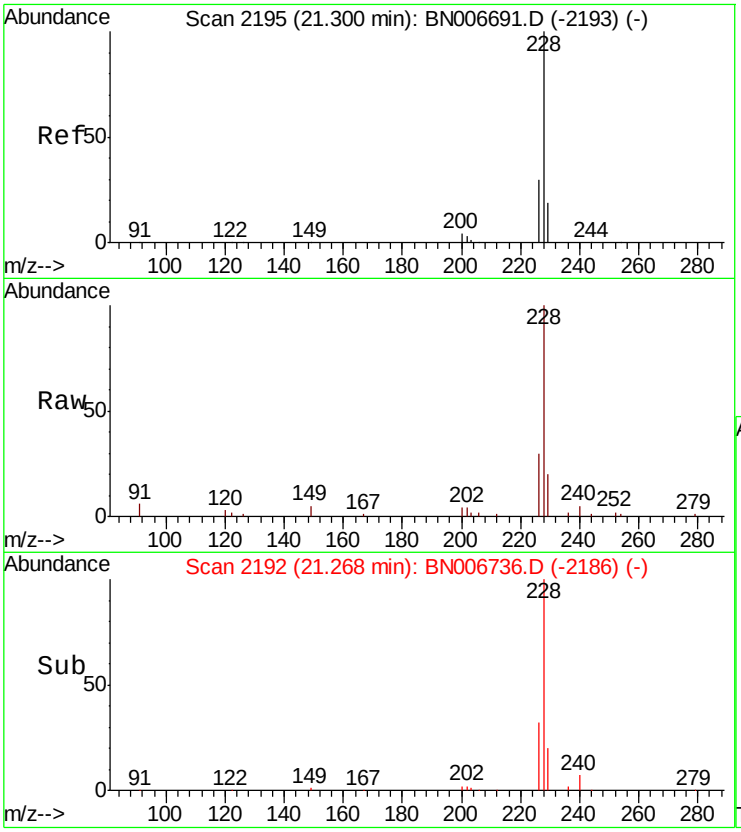


#30
Benzo(a)anthracene
Concen: 0.340 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.03 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:228 Resp: 14642

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	20.3	16.2	24.4



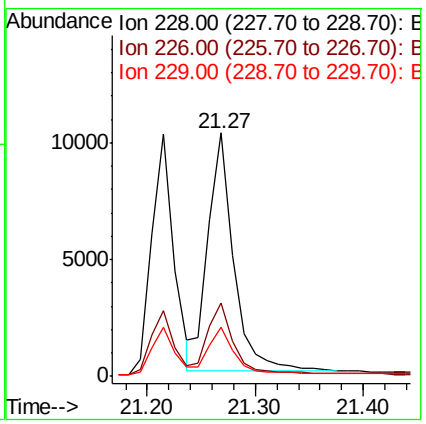


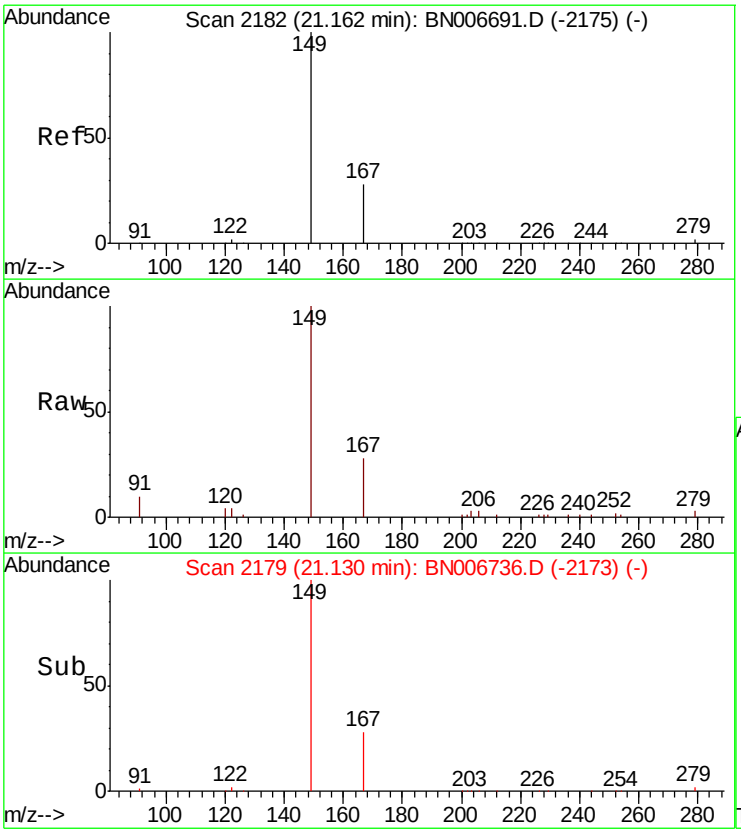
#31
Chrysene
Concen: 0.378 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:228 Resp: 16756

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	20.1	15.8	23.6

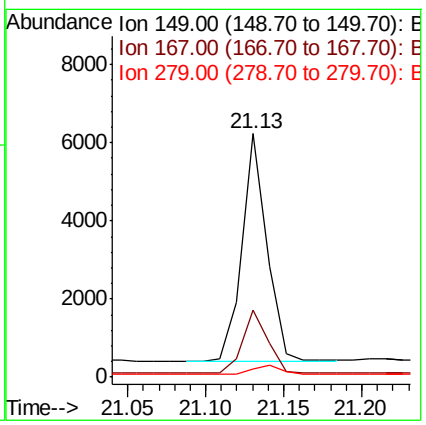


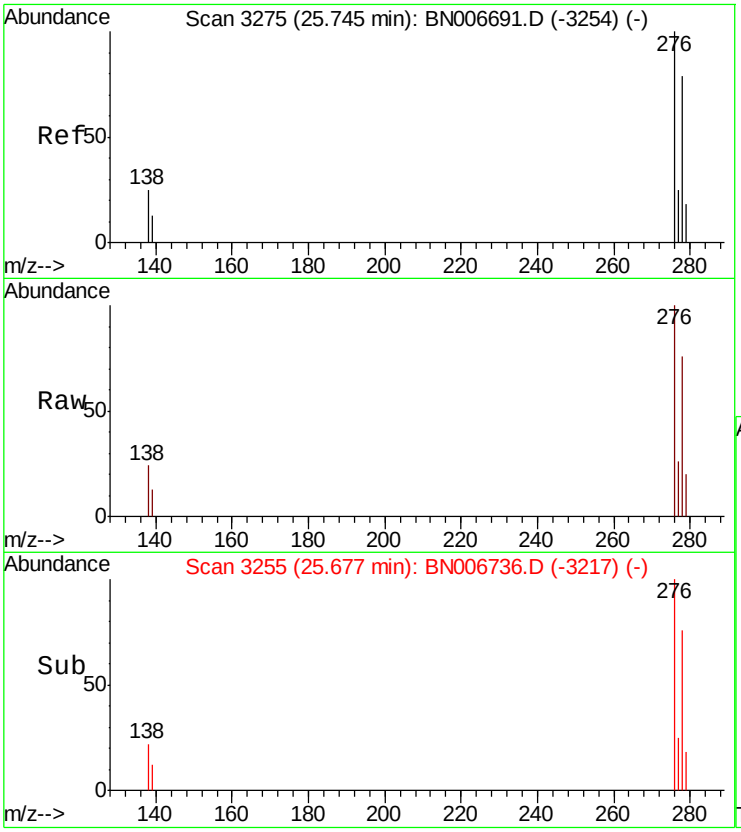


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.050 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:149 Resp: 6477

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.3	3.2	4.8



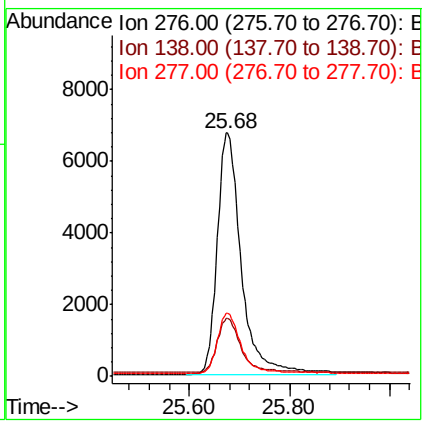


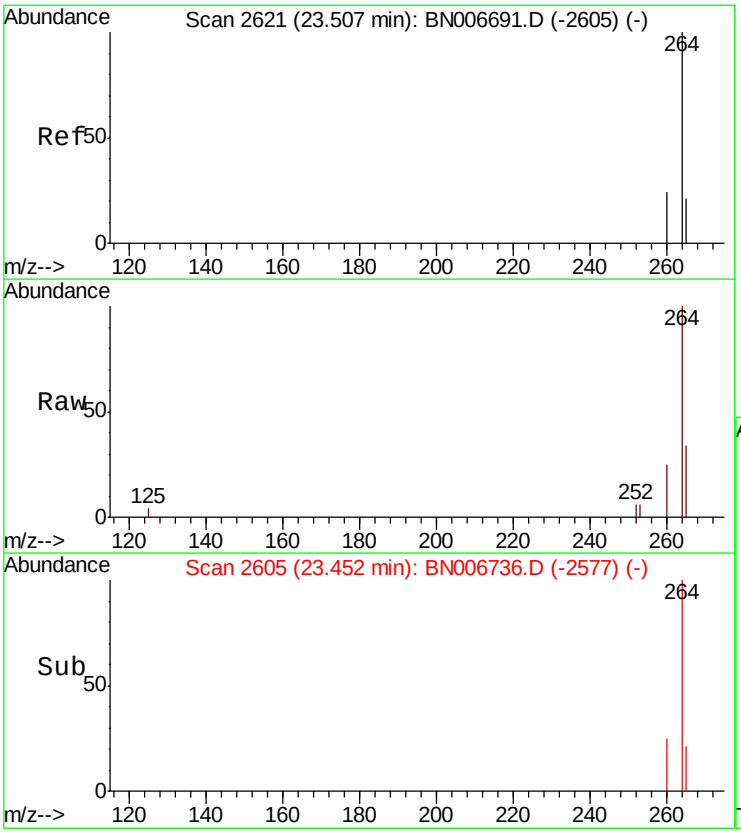
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng
RT: 25.68 min Scan# 3255
Delta R.T. -0.07 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:276 Resp: 22522

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.5	29.3
277	24.8	19.7	29.5

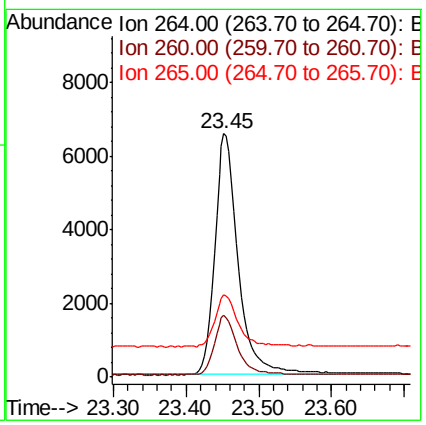


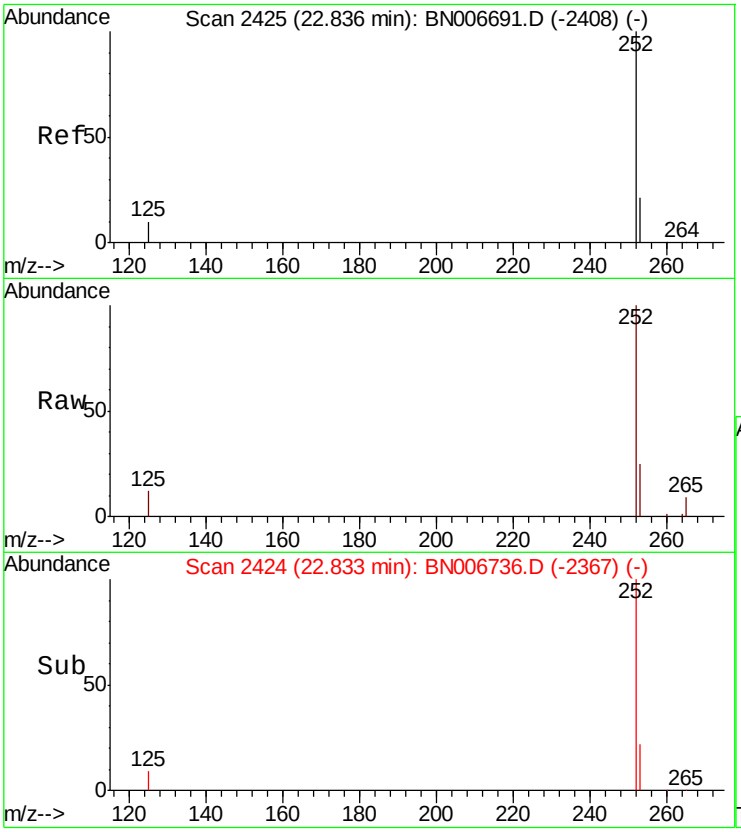


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.45 min Scan# 2605
Delta R.T. -0.05 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:264 Resp: 14784

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	33.8	33.7	50.5



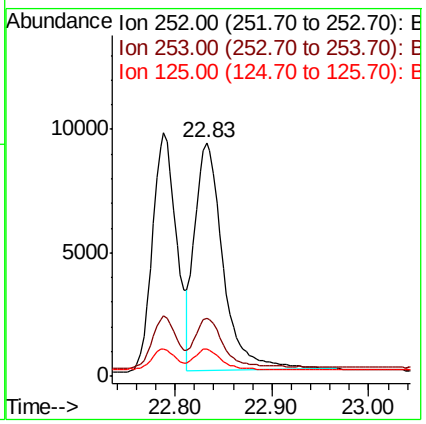


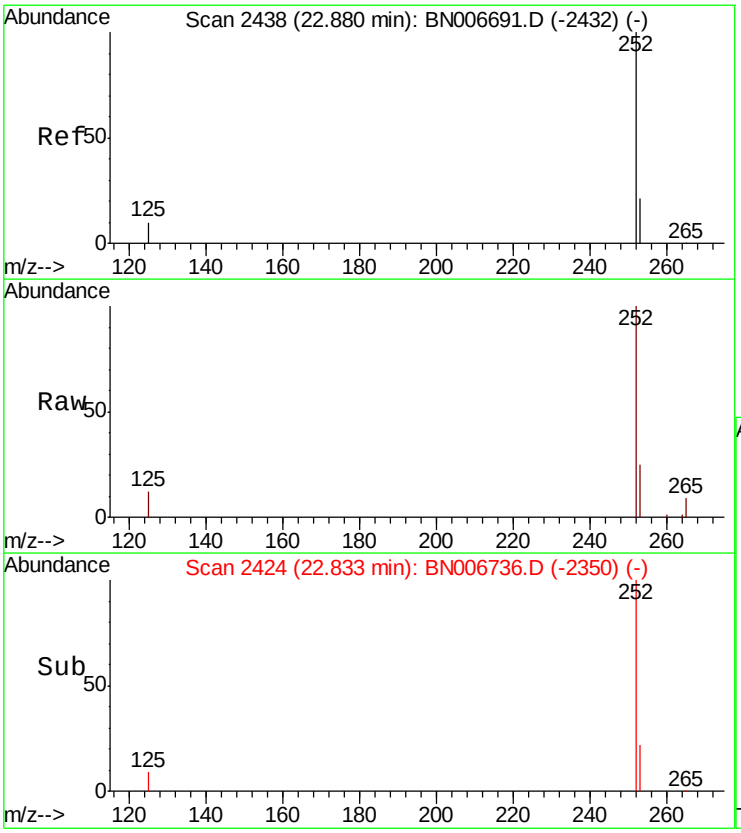
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:252 Resp: 18783

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

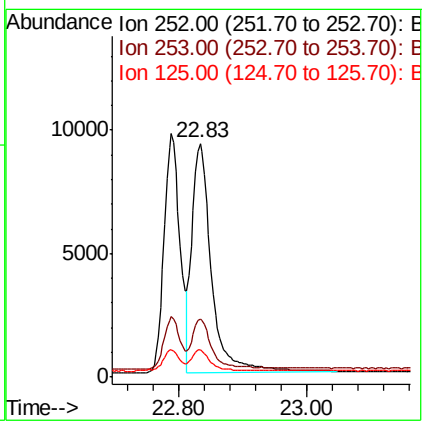


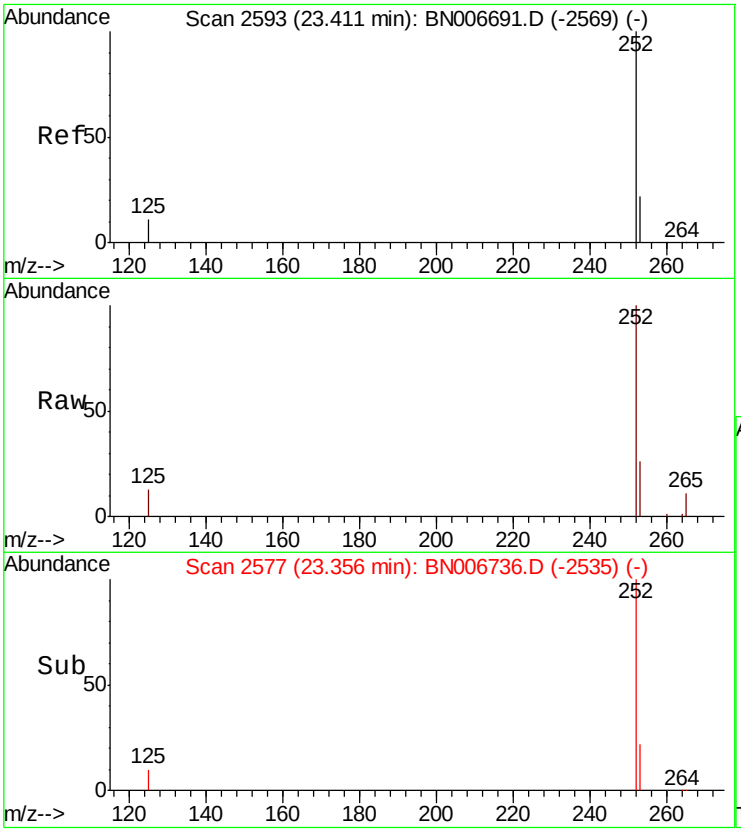


#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.05 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:252 Resp: 19505

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.1	30.1
125	11.6	11.4	17.0



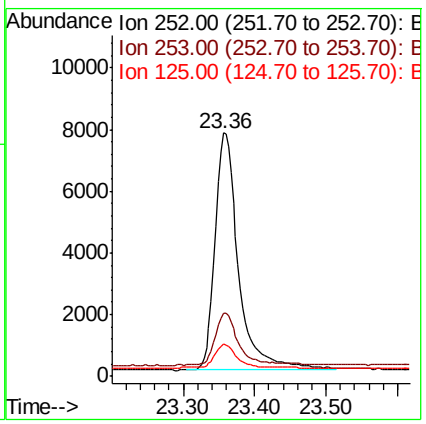


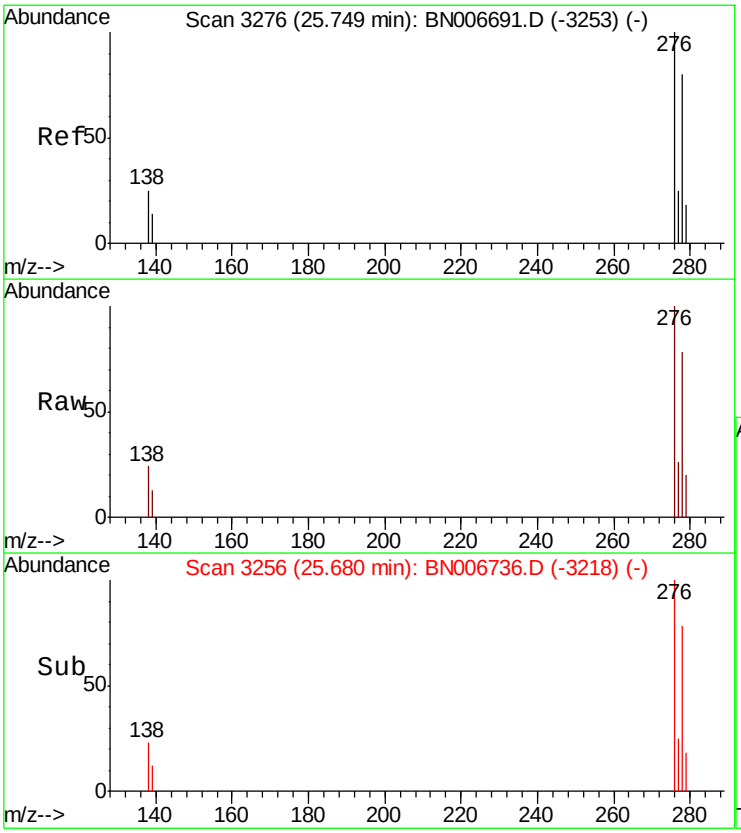
#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.36 min Scan# 2577
Delta R.T. -0.05 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:252 Resp: 17592

Ion	Ratio	Lower	Upper
252	100		
253	26.0	21.4	32.2
125	13.2	13.3	19.9#

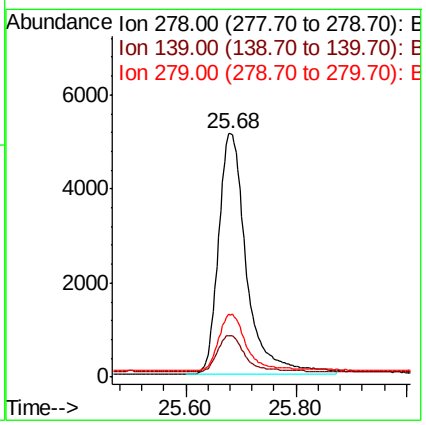


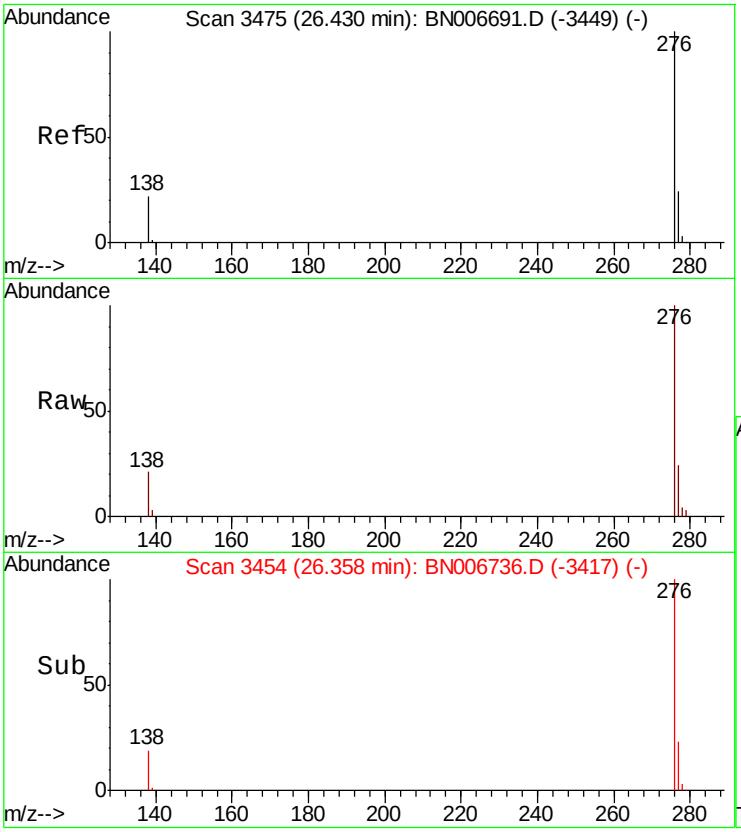


#38
Dibenzo(a,h)anthracene
Concen: 0.395 ng
RT: 25.68 min Scan# 3256
Delta R.T. -0.07 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:278 Resp: 18058

Ion	Ratio	Lower	Upper
278	100		
139	16.9	16.2	24.4
279	25.6	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.418 ng
RT: 26.36 min Scan# 3454
Delta R.T. -0.07 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:276 Resp: 19669

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.6	30.8
138	21.1	19.7	29.5