Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040119\
Data File : BN005042.D
Acq On : 01 Apr 2019 11:08
Operator : JU/SJ
Sample : K1560-09
Misc : MDL 01 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 01 12:09:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2839	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	11814	0.40	ng		0.00
13) Acenaphthene-d10	14.31	164	6652	0.40	ng		0.01
19) Phenanthrene-d10	17.06	188	15576	0.40	ng		0.00
27) Chrysene-d12	21.27	240	15528	0.40	ng		0.01
34) Perylene-d12	23.50	264	14725	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2721	0.38	ng		0.00
5) Phenol-d6	6.85	99	3070	0.37	ng		0.00
8) Nitrobenzene-d5	8.84	82	2274	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.05	152	6495	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	1119	0.30	ng		0.01
15) 2-Fluorobiphenyl	12.93	172	10157	0.40	ng		0.01
25) Fluoranthene-d10	19.10	212	15286	0.34	ng		0.00
29) Terphenyl-d14	19.70	244	14497	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	328	0.107	ng		94
3) n-Nitrosodimethylamine	3.56	42	65	0.035	ng	#	1
6) bis(2-Chloroethyl)ether	7.10	93	747	0.094	ng		91
9) Naphthalene	10.49	128	2943	0.099	ng	#	92
10) Hexachlorobutadiene	10.76	225	561	0.102	ng	#	100
12) 2-Methylnaphthalene	12.12	142	2005	0.094	ng		98
16) Acenaphthylene	14.03	152	2711	0.086	ng		99
17) Acenaphthene	14.37	154	1967	0.099	ng		99
18) Fluorene	15.37	166	2526	0.094	ng		100
20) 4-Bromophenyl-phenylether	16.26	248	828	0.093	ng		96
21) Hexachlorobenzene	16.36	284	982	0.100	ng		98
22) Pentachlorophenol	16.78	266	36	0.108	ng	#	69
23) Phenanthrene	17.11	178	4156	0.095	ng		99
24) Anthracene	17.21	178	3329	0.086	ng		99
26) Fluoranthene	19.13	202	4774	0.089	ng		100
28) Pyrene	19.50	202	4794	0.109	ng		100
30) Benzo(a)anthracene	21.25	228	4007	0.092	ng		97
31) Chrysene	21.30	228	4812	0.102	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	2252	0.123	ng		99
33) Indeno(1,2,3-cd)pyrene	25.77	276	4969	0.094	ng		98
35) Benzo(b)fluoranthene	22.83	252	4419	0.094	ng	#	86
36) Benzo(k)fluoranthene	22.87	252	4565	0.100	ng	#	83
37) Benzo(a)pyrene	23.41	252	3930	0.094	ng	#	76
38) Dibenzo(a,h)anthracene	25.77	278	3932	0.094	ng	#	85
39) Benzo(g,h,i)perylene	26.46	276	4270	0.101	ng	#	92

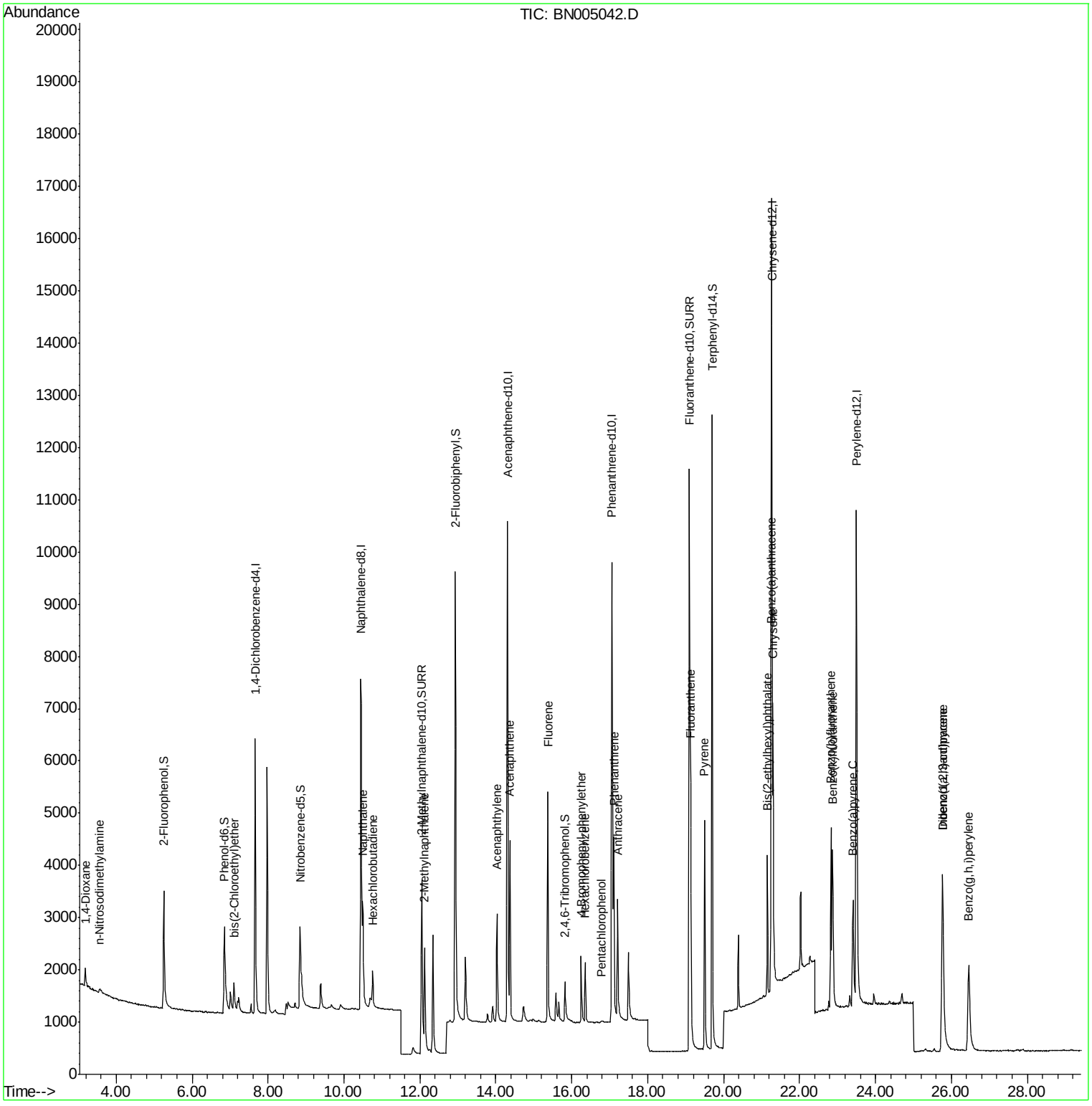
(#) = qualifier out of range (m) = manual integration (+) = signals summed

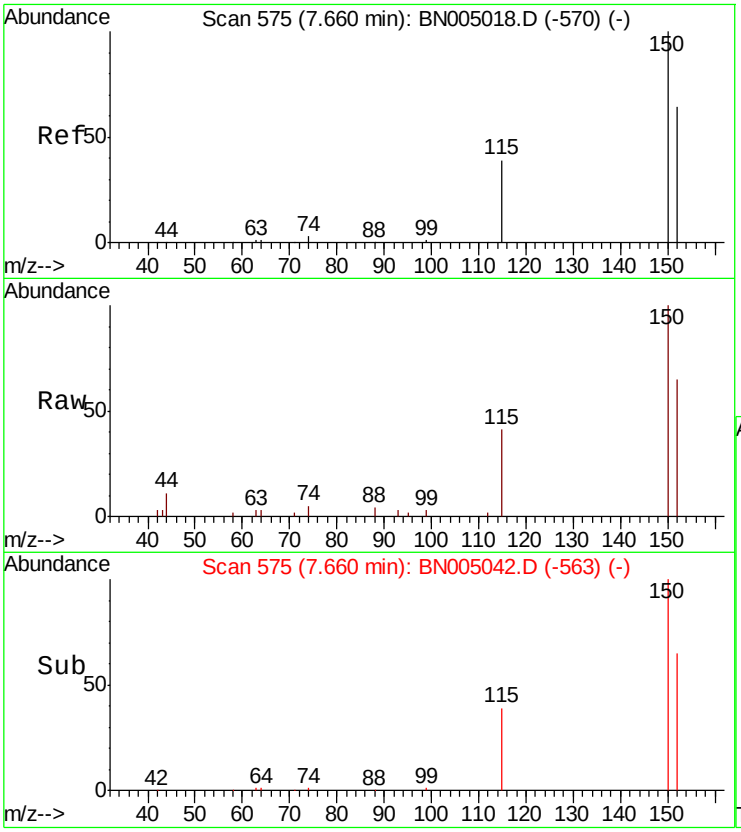
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040119\
Data File : BN005042.D
Acq On : 01 Apr 2019 11:08
Operator : JU/SJ
Sample : K1560-09
Misc : MDL 01 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 01 12:09:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration



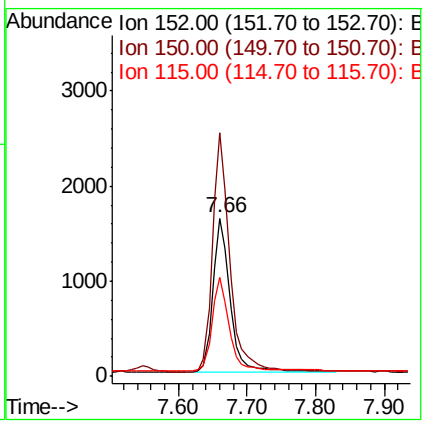


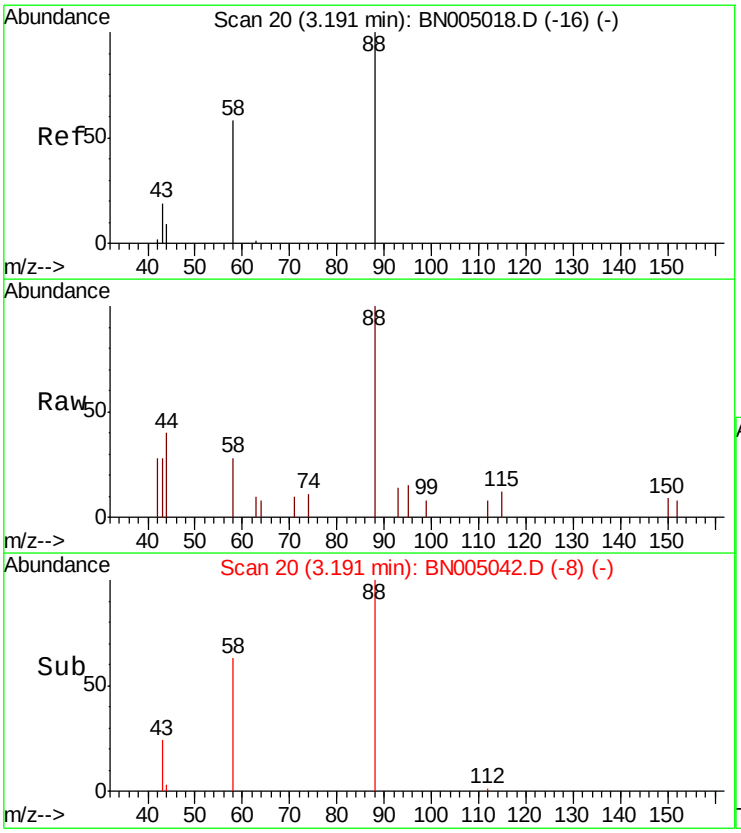
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2839

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.4	185.2
115	62.7	50.0	75.0

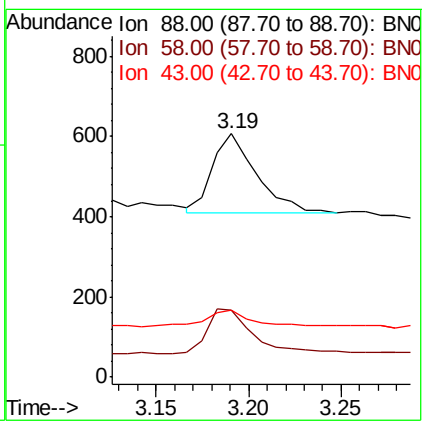


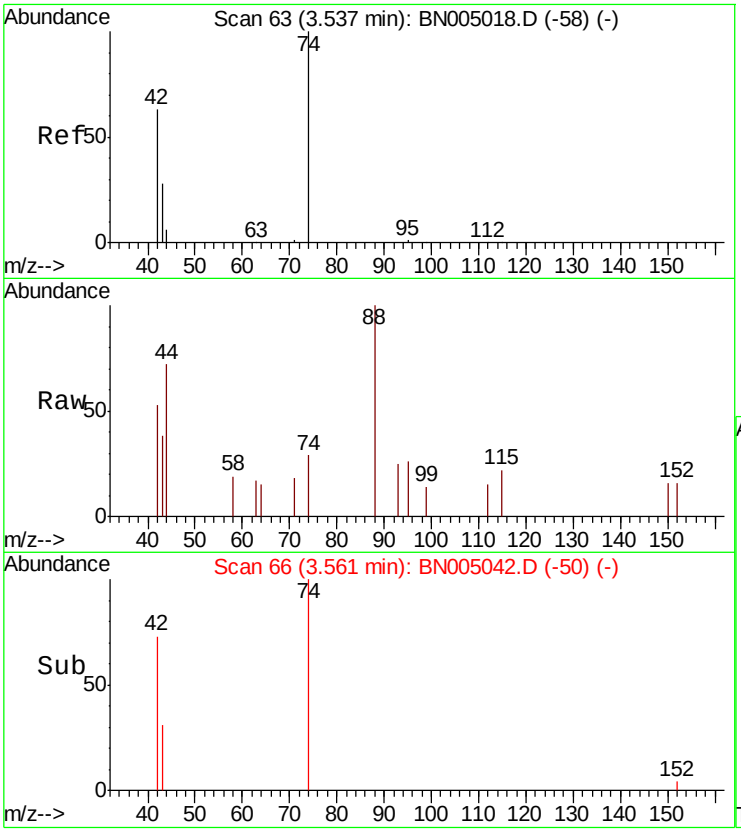


#2
1,4-Dioxane
Concen: 0.107 ng
RT: 3.19 min Scan# 20
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion: 88 Resp: 328

Ion	Ratio	Lower	Upper
88	100		
58	60.7	52.8	79.2
43	23.2	19.6	29.4



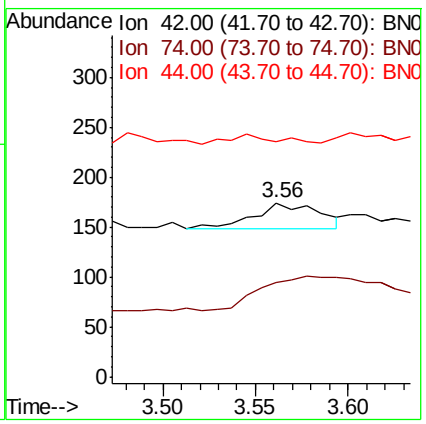


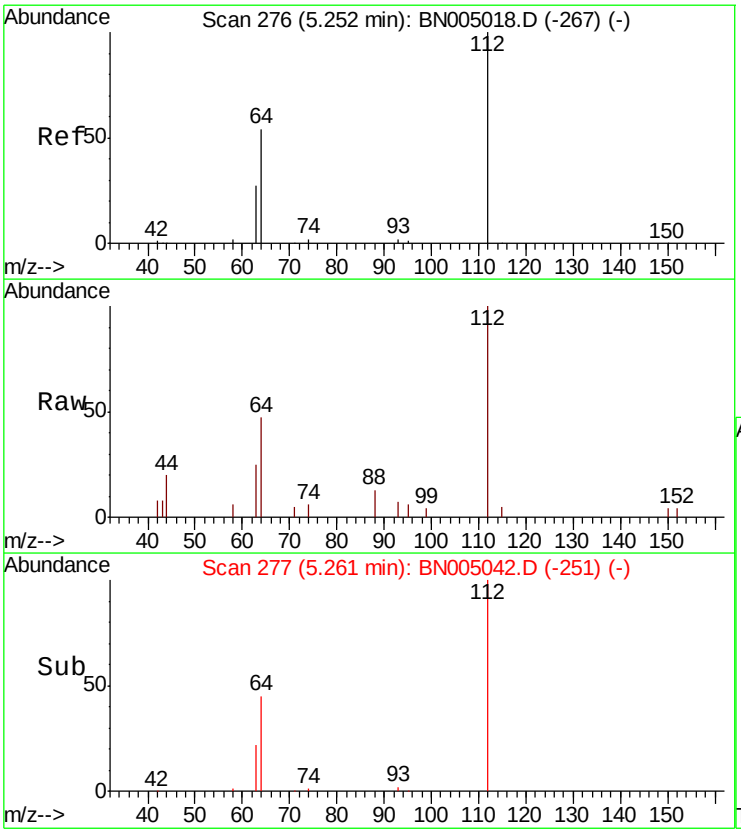
#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.56 min Scan# 66
Delta R.T. 0.03 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 65

Ion	Ratio	Lower	Upper
42	100		
74	0.0	129.1	193.7#
44	20.0	11.6	17.4#

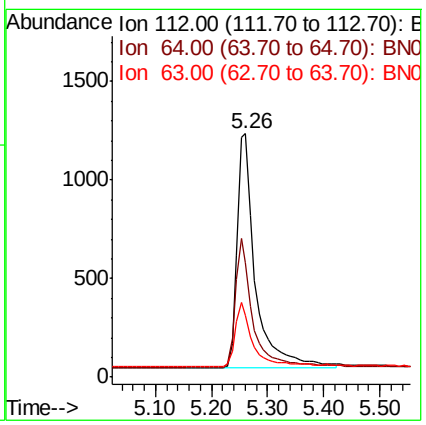


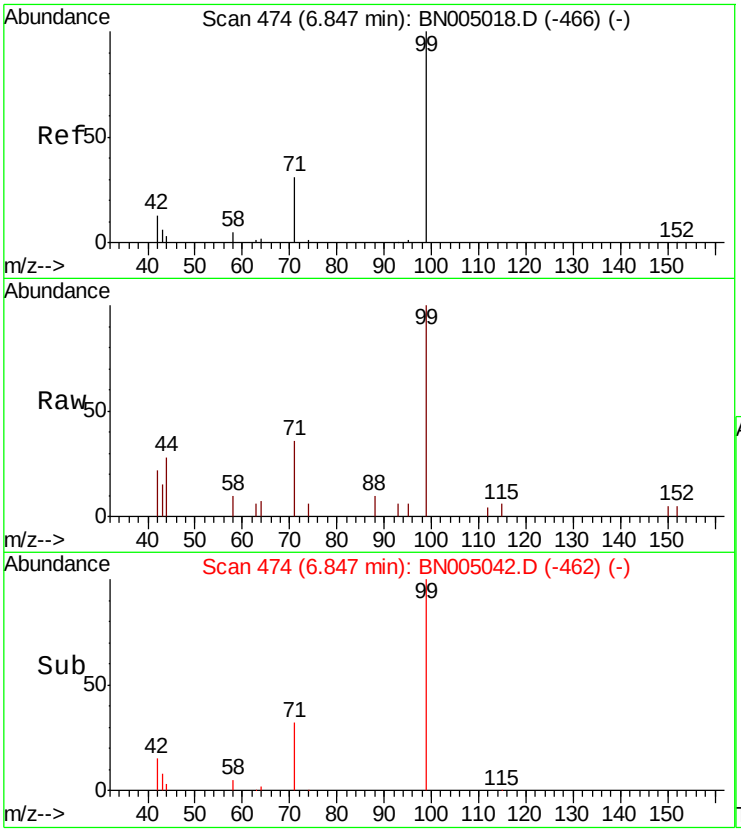


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.26 min Scan# 277
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:112 Resp: 2721

Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.9	62.9
63	25.6	21.5	32.3



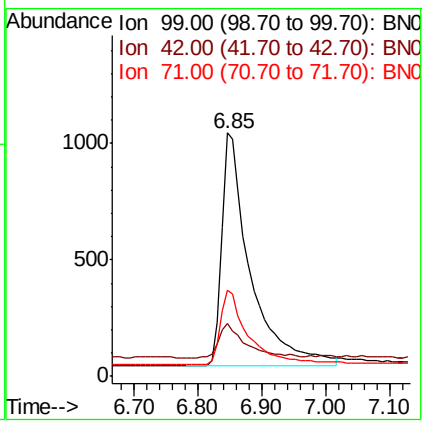


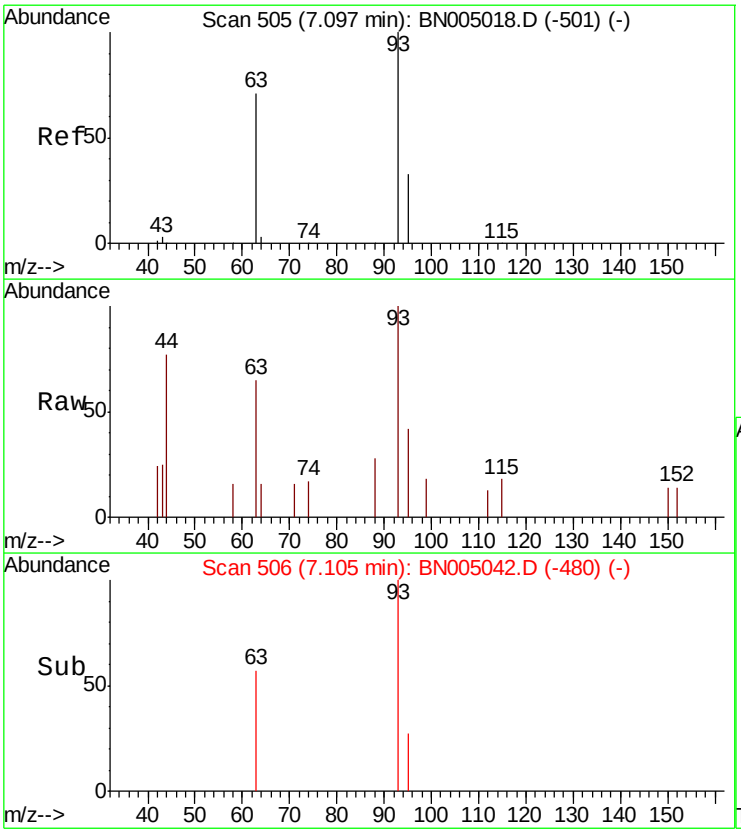
#5
Phenol-d6
Concen: 0.366 ng
RT: 6.85 min Scan# 474
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3070

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.2	18.2
71	31.3	26.1	39.1

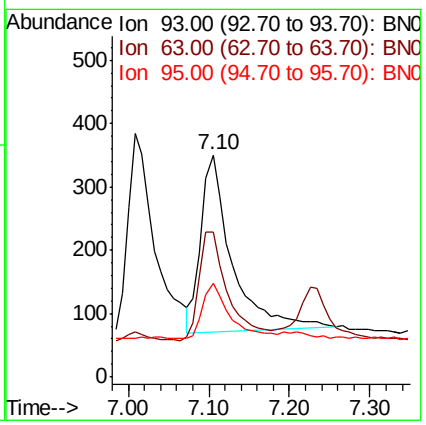


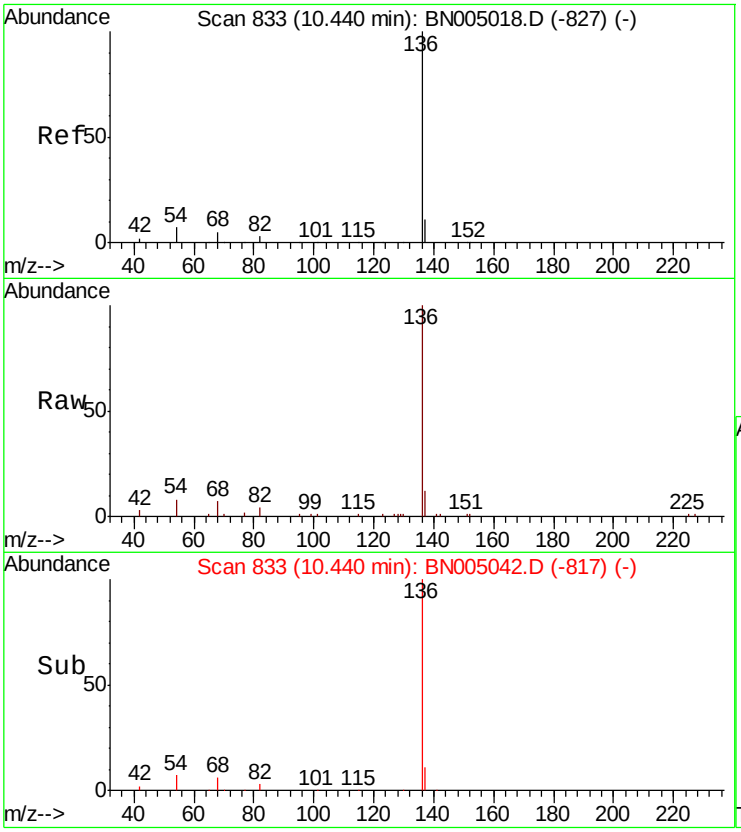


#6
bis(2-Chloroethyl)ether
Concen: 0.094 ng
RT: 7.10 min Scan# 506
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion: 93 Resp: 747

Ion	Ratio	Lower	Upper
93	100		
63	57.3	51.8	77.6
95	26.9	24.8	37.2



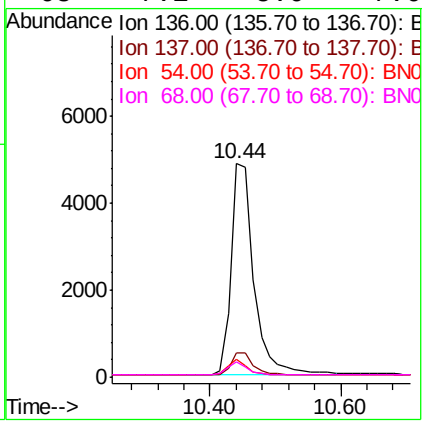


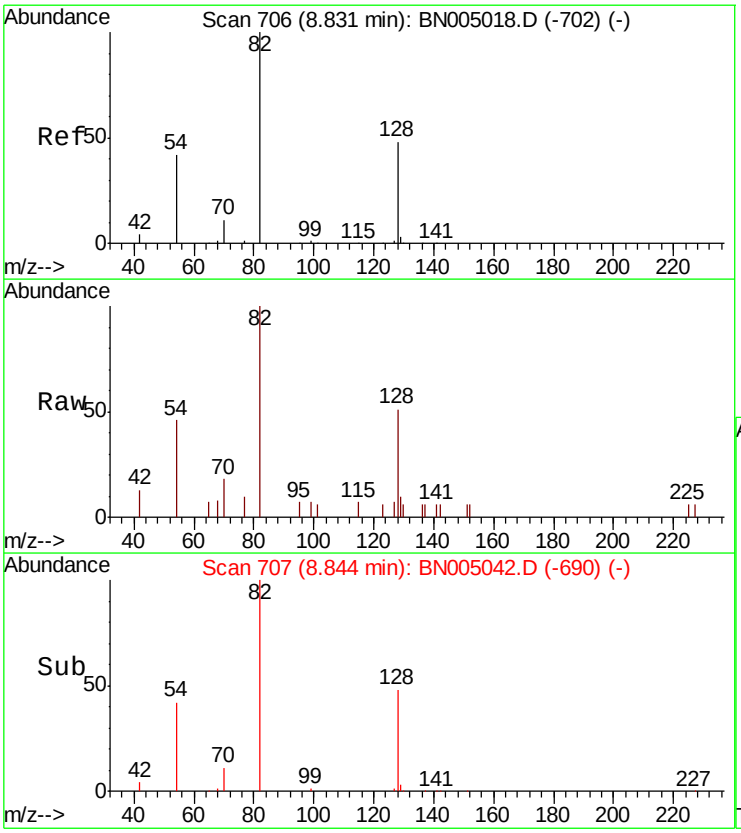
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 11814

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	8.3	6.0	9.0
68	7.1	5.0	7.6

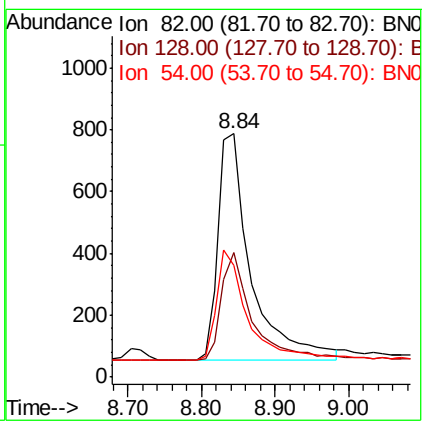


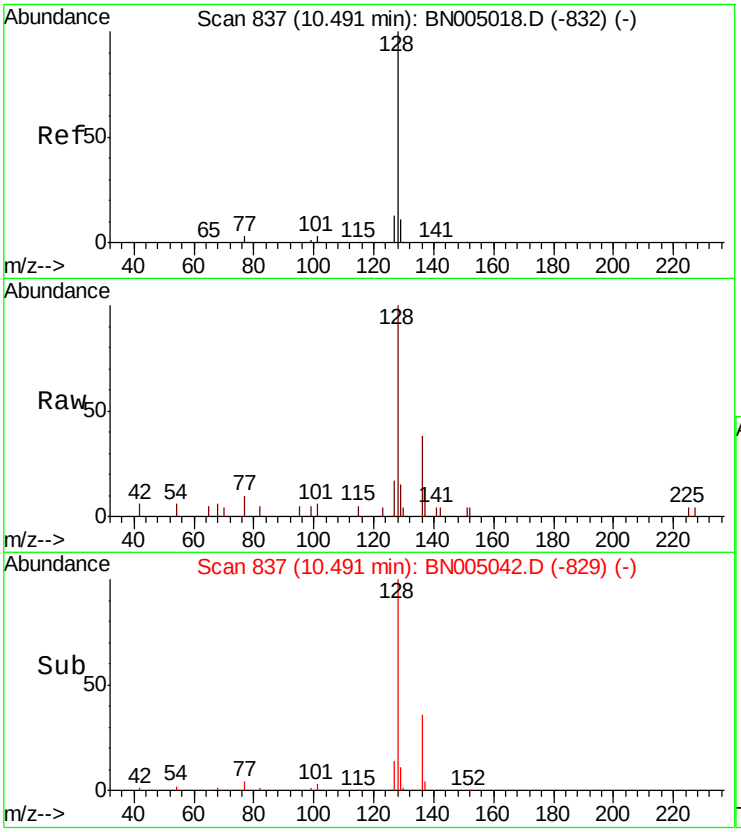


#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.84 min Scan# 707
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion: 82 Resp: 2274

Ion	Ratio	Lower	Upper
82	100		
128	51.3	40.5	60.7
54	46.1	35.7	53.5



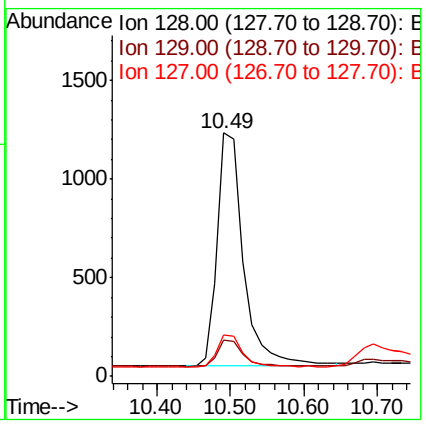


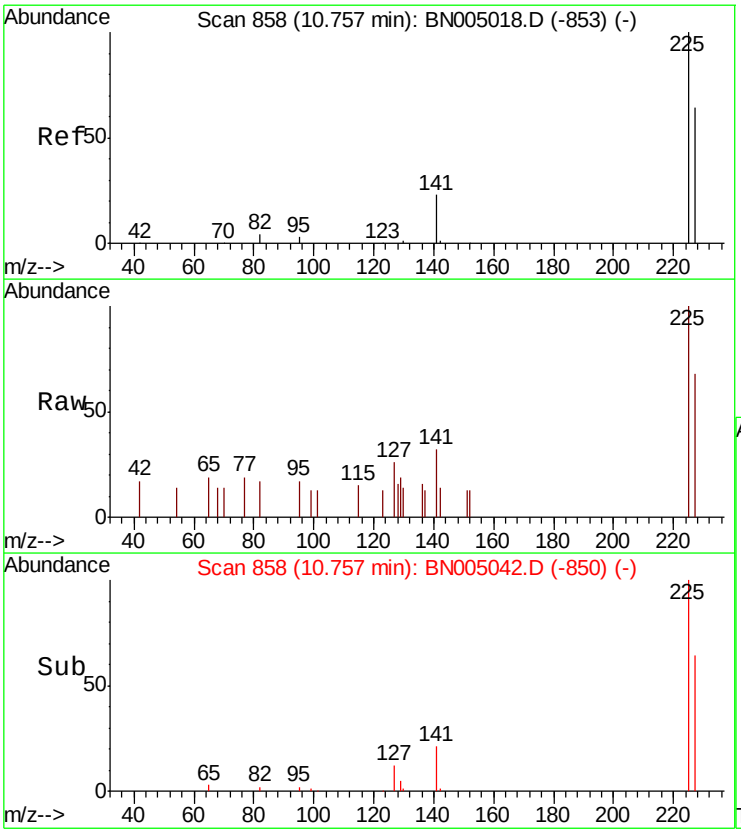
#9
Naphthalene
Concen: 0.099 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2943

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.4	14.2#
127	16.9	11.0	16.6#

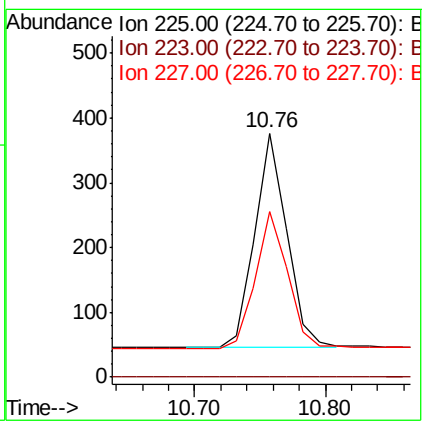


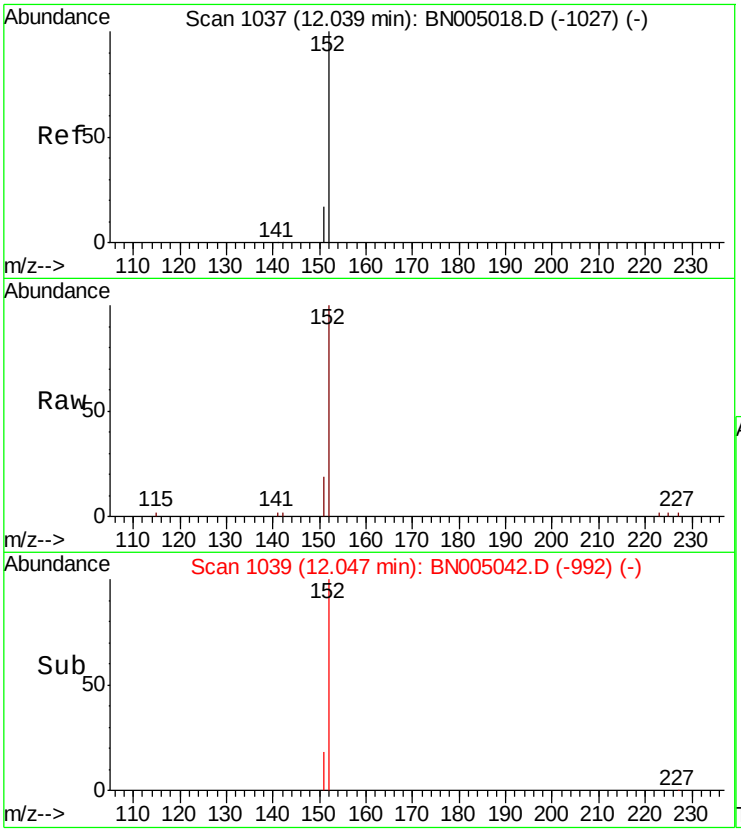


#10
Hexachlorobutadiene
Concen: 0.102 ng
RT: 10.76 min Scan# 858
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:225 Resp: 561

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.5	77.3



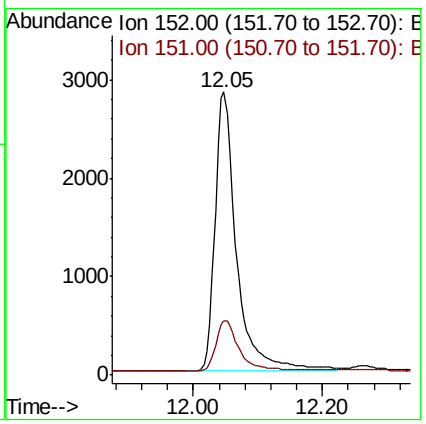


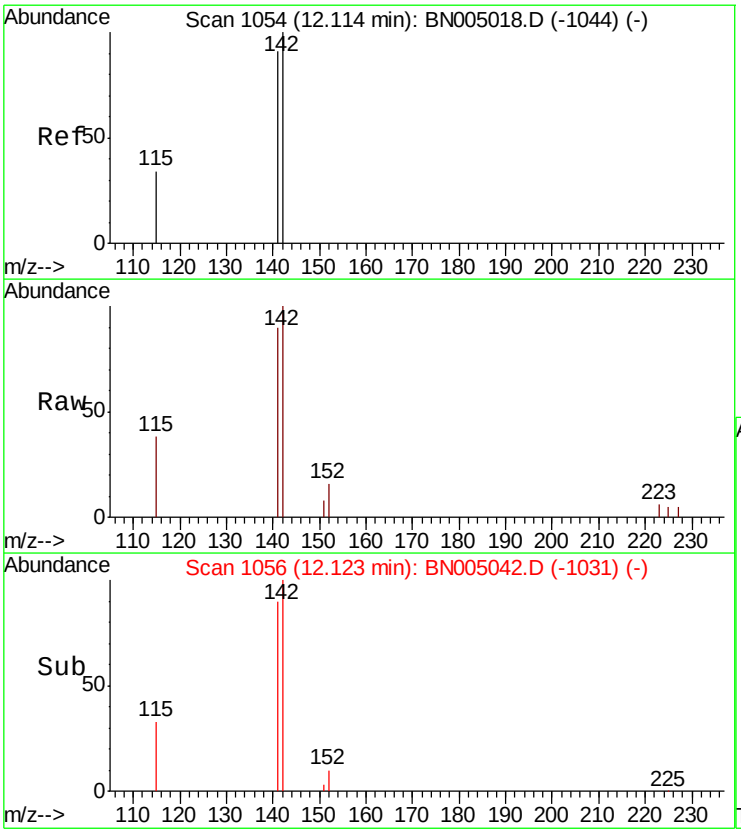
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.05 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6495

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

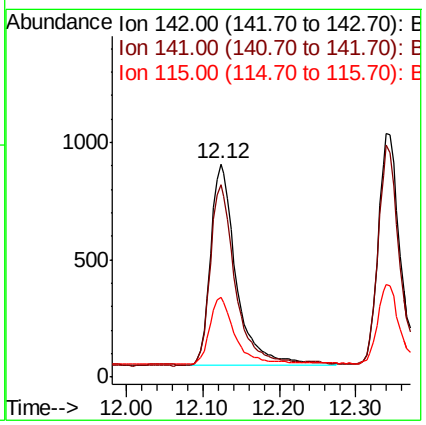


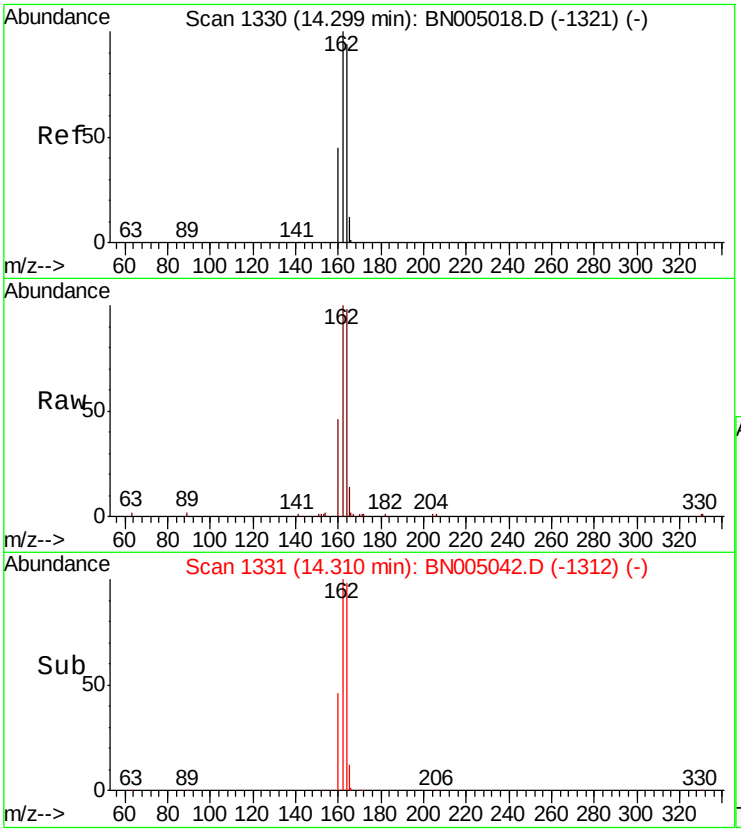


#12
2-Methylnaphthalene
Concen: 0.094 ng
RT: 12.12 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:142 Resp: 2005

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	108.8
115	37.7	27.8	41.8



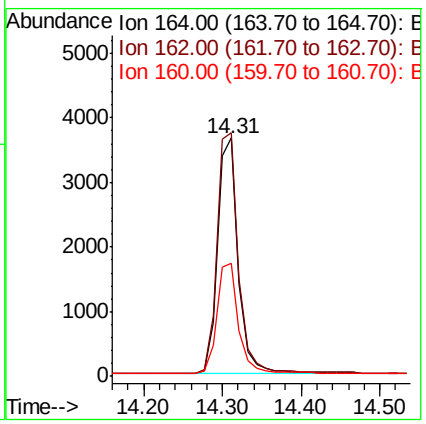


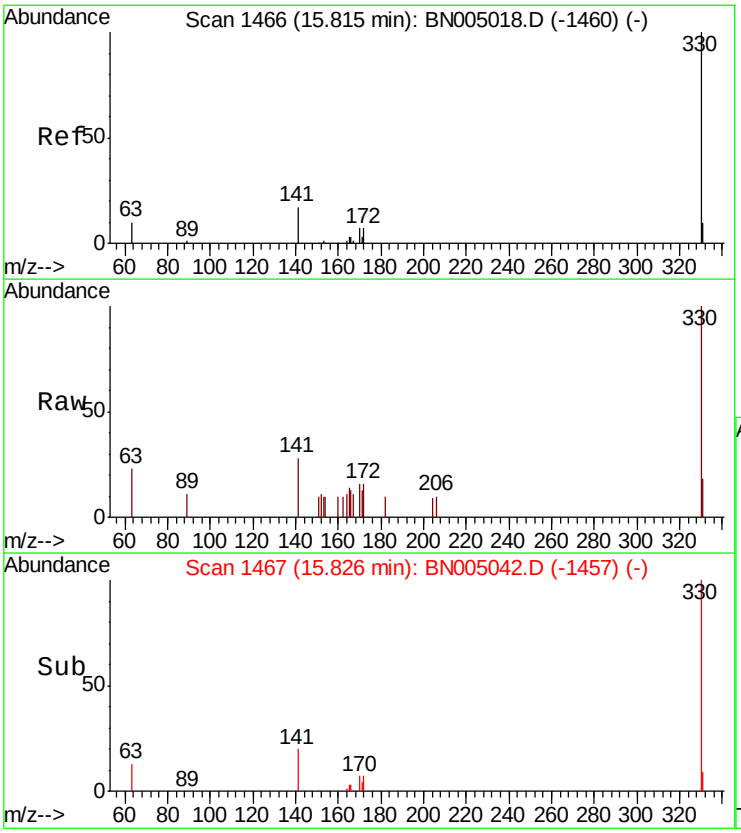
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6652

Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.3	127.9
160	47.2	39.2	58.8

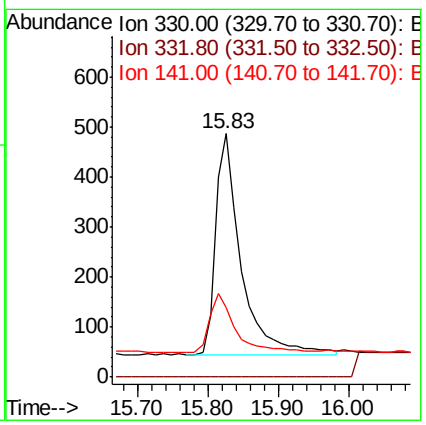


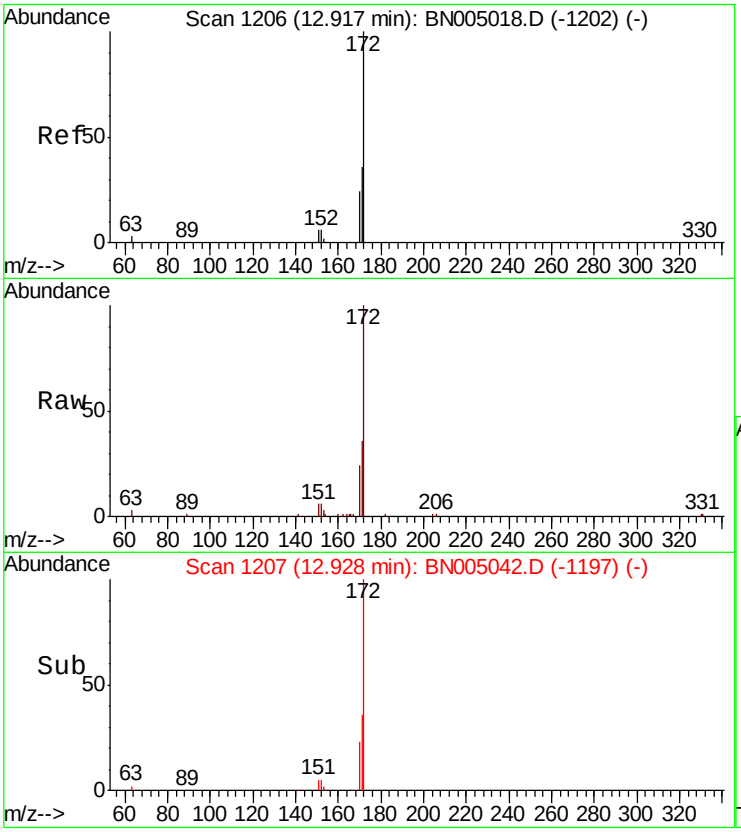


#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.83 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:330 Resp: 1119

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.8	21.3	31.9



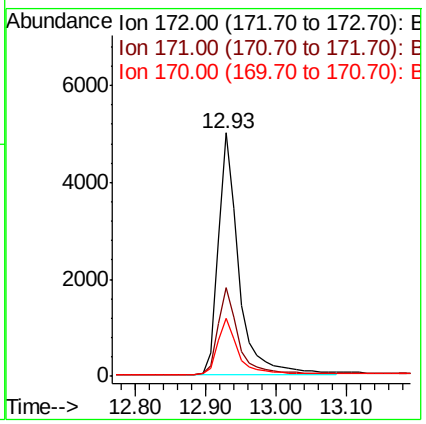


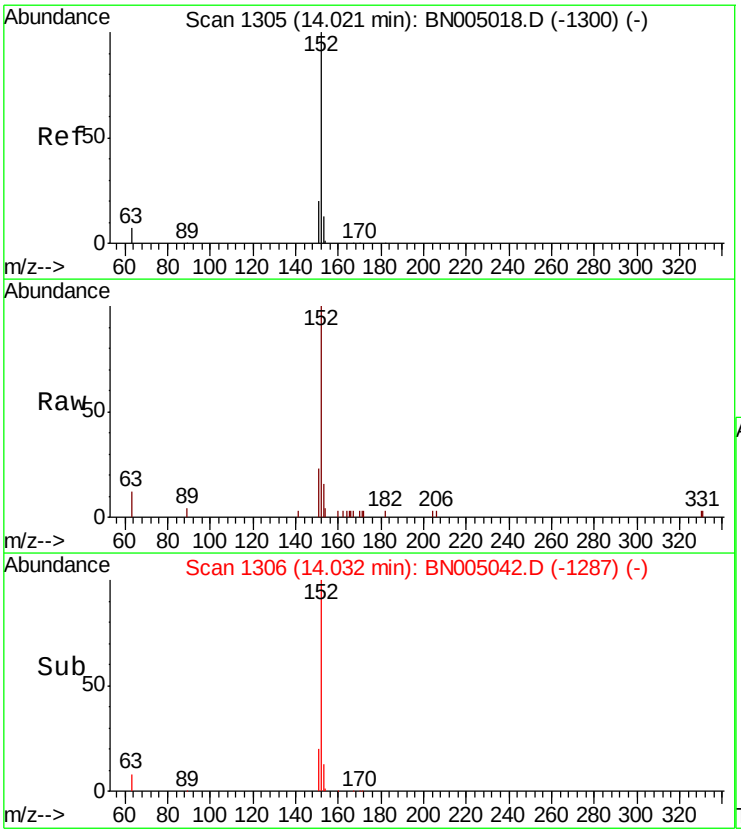
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 10157

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	23.9	20.0	30.0

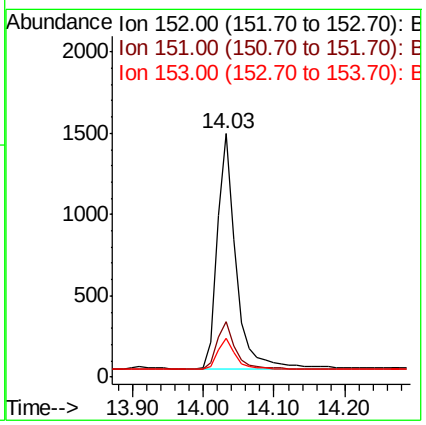


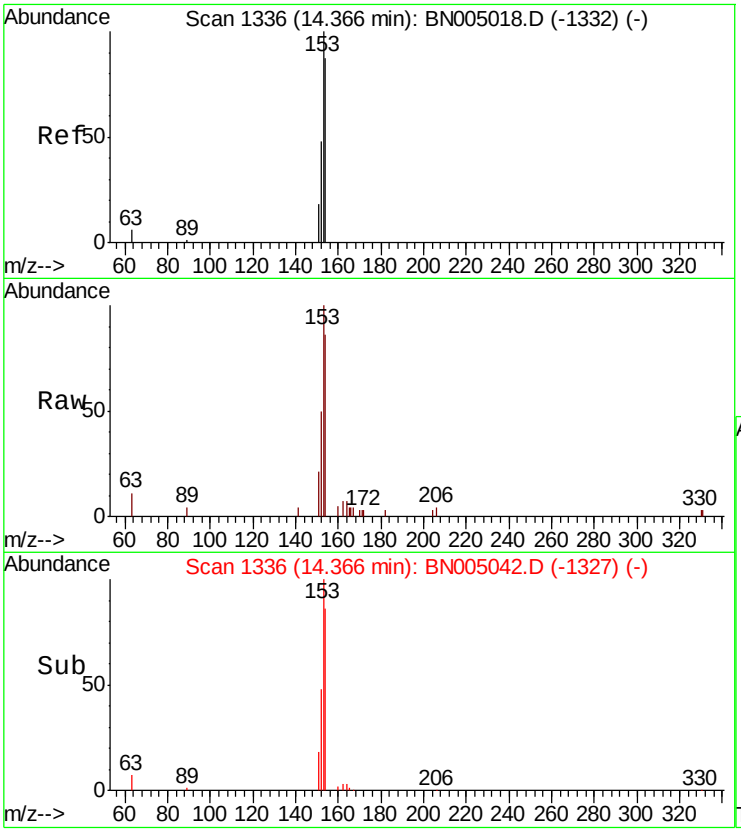


#16
Acenaphthylene
Concen: 0.086 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:152 Resp: 2711

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.0	10.6	15.8



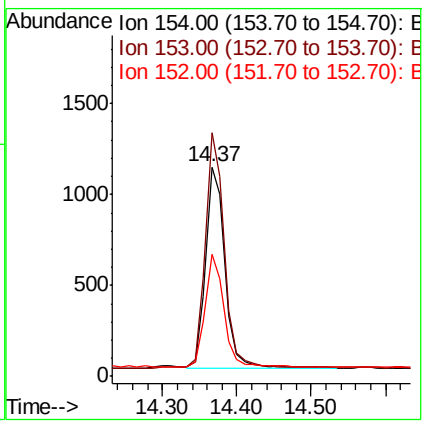


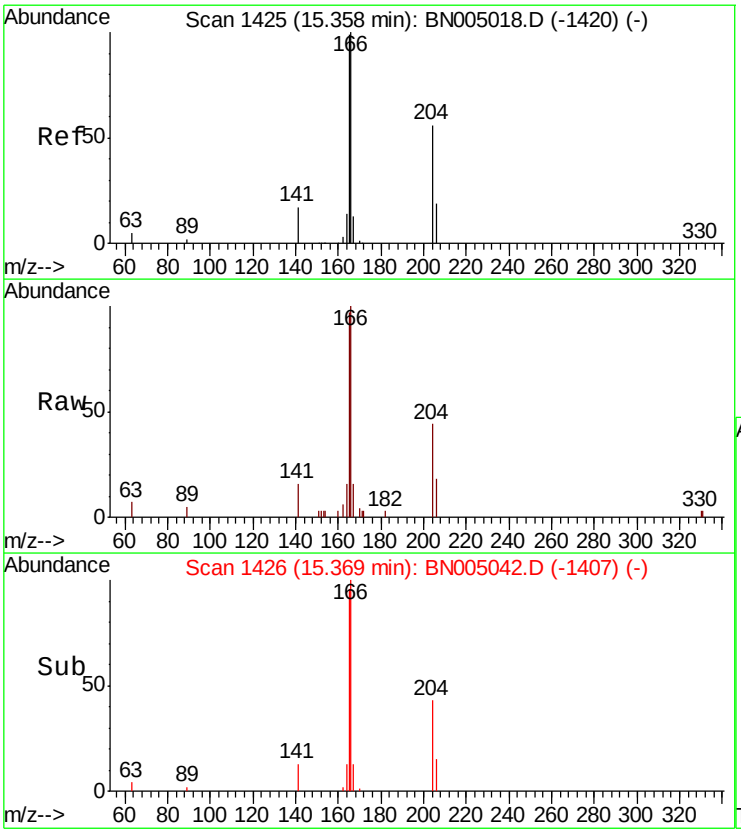
#17
Acenaphthene
Concen: 0.099 ng
RT: 14.37 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1967

Ion	Ratio	Lower	Upper
154	100		
153	114.7	92.1	138.1
152	54.6	44.2	66.2

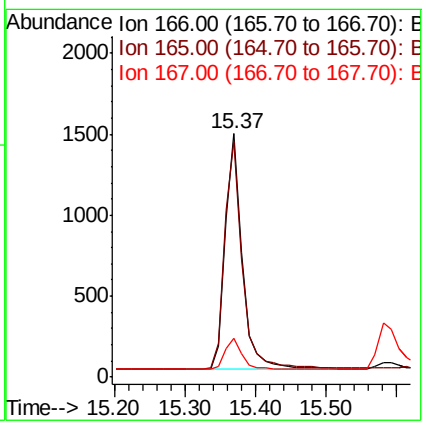


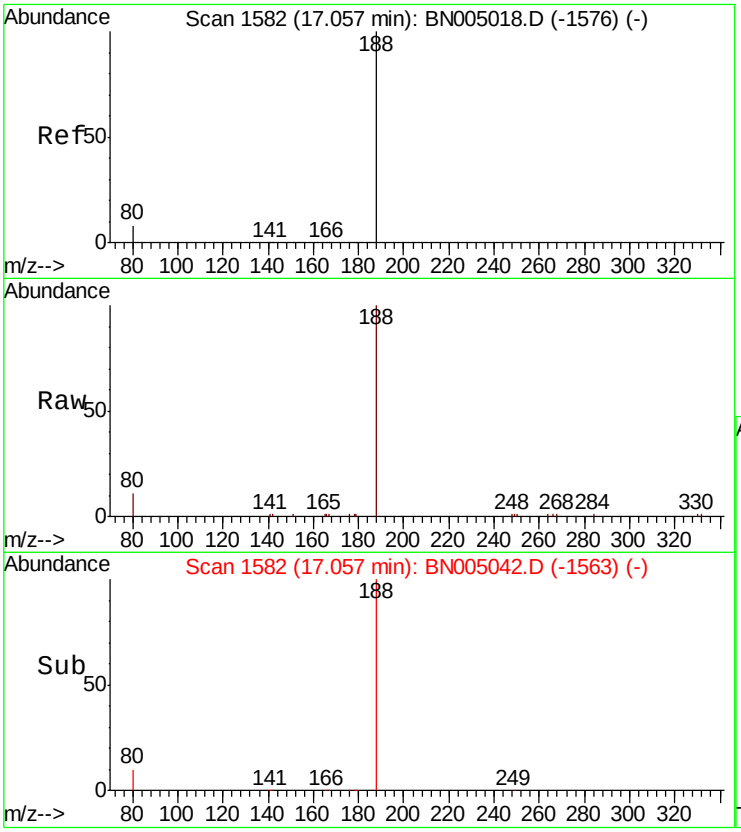


#18
Fluorene
Concen: 0.094 ng
RT: 15.37 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:166 Resp: 2526

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	13.5	10.9	16.3



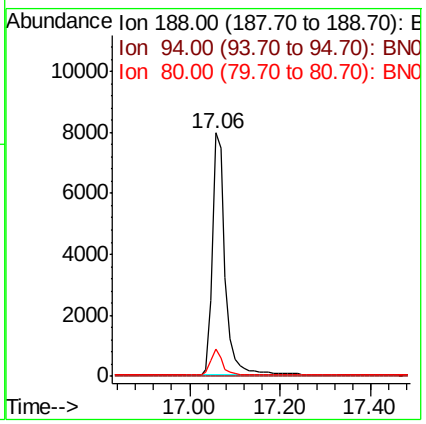


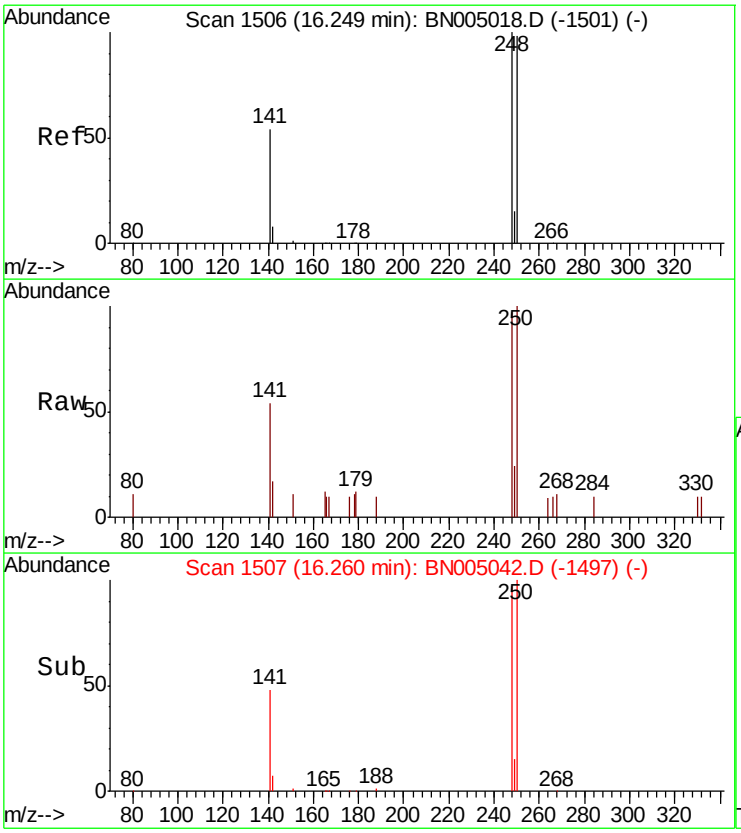
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 15576

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	6.9	10.3#

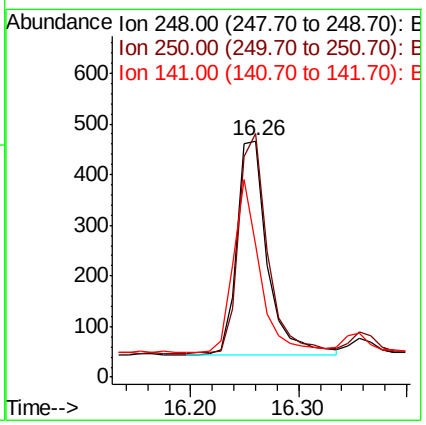


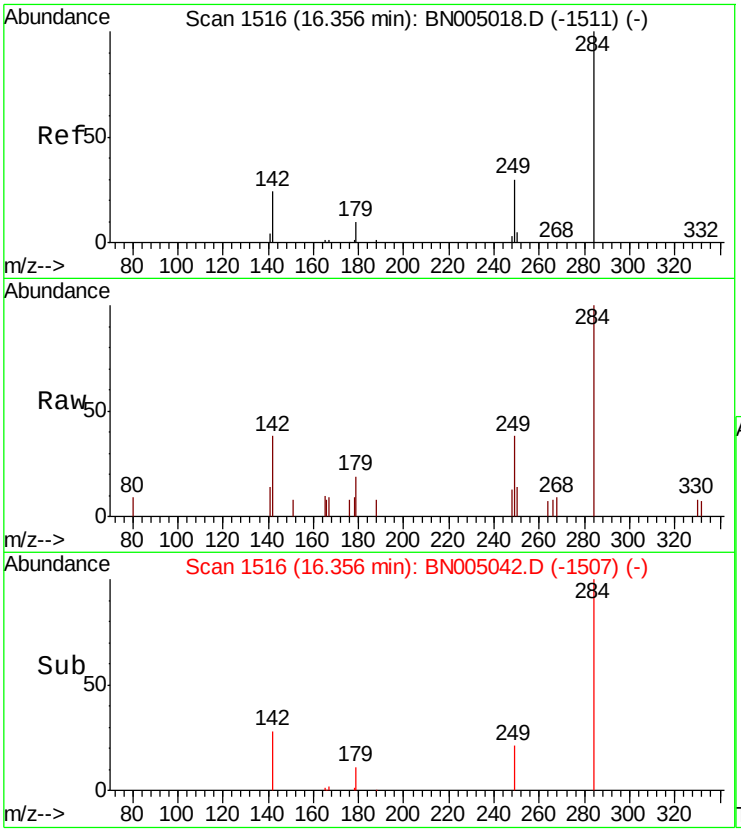


#20
4-Bromophenyl-phenylether
Concen: 0.093 ng
RT: 16.26 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:248 Resp: 828

Ion	Ratio	Lower	Upper
248	100		
250	103.0	78.6	117.8
141	55.9	43.6	65.4



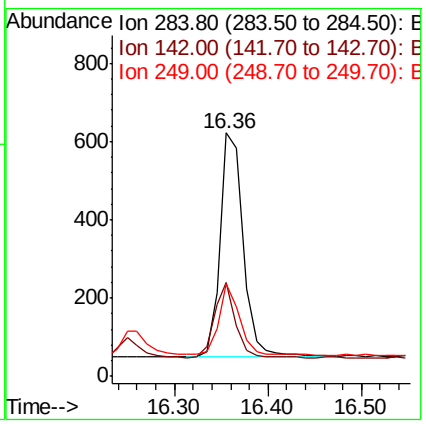


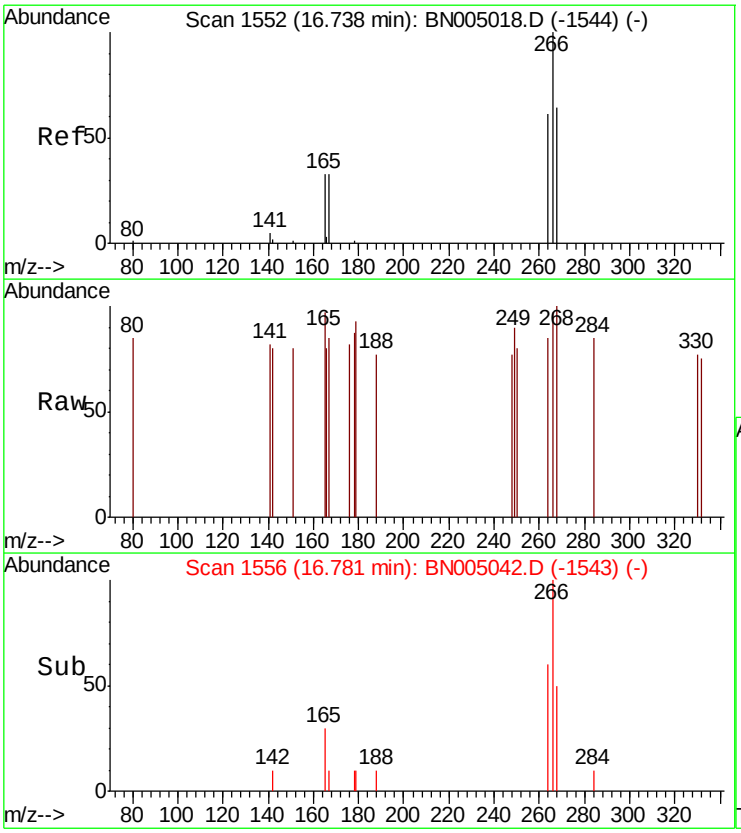
#21
Hexachlorobenzene
Concen: 0.100 ng
RT: 16.36 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 982

Ion	Ratio	Lower	Upper
284	100		
142	30.4	24.9	37.3
249	28.6	23.8	35.6

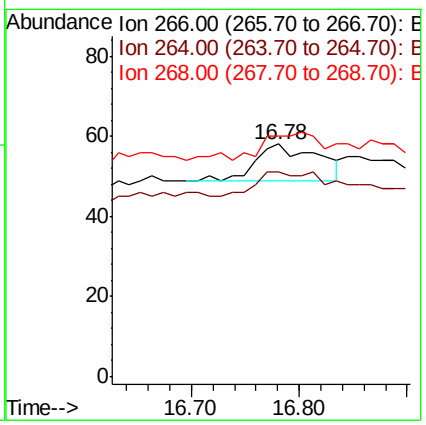


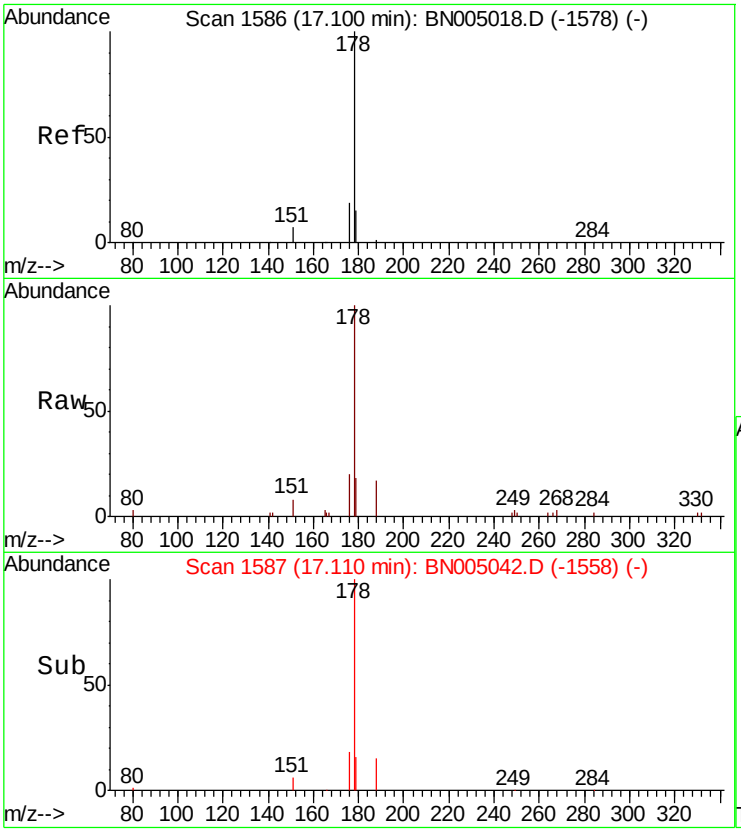


#22
Pentachlorophenol
Concen: 0.108 ng
RT: 16.78 min Scan# 1556
Delta R.T. 0.04 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:266 Resp: 36

Ion	Ratio	Lower	Upper
266	100		
264	87.9	53.4	80.0#
268	103.4	58.9	88.3#



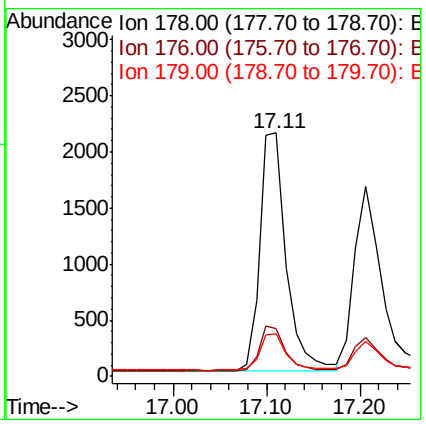


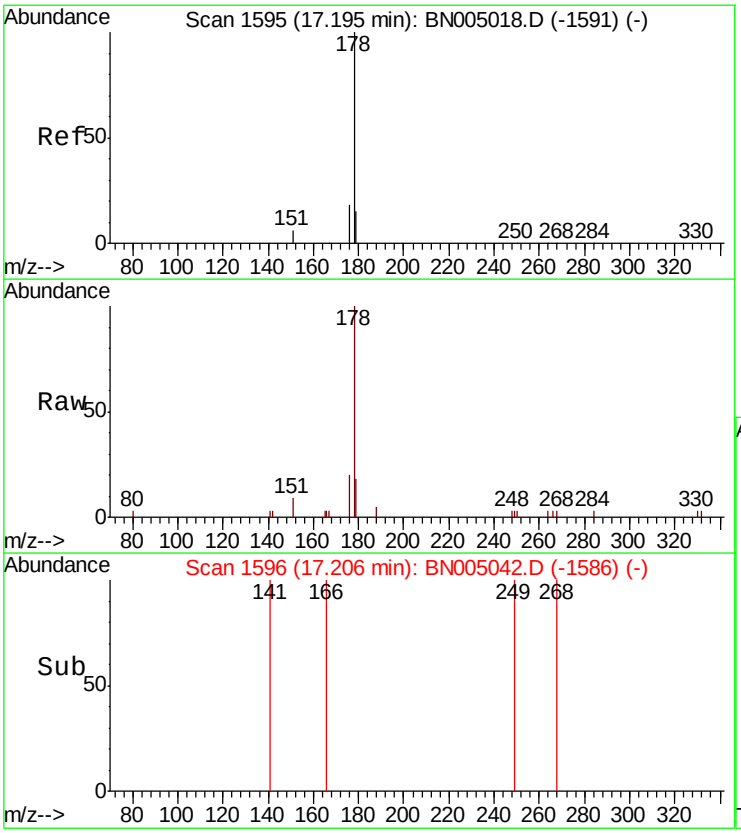
#23
Phenanthrene
Concen: 0.095 ng
RT: 17.11 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 4156

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.8	12.2	18.2

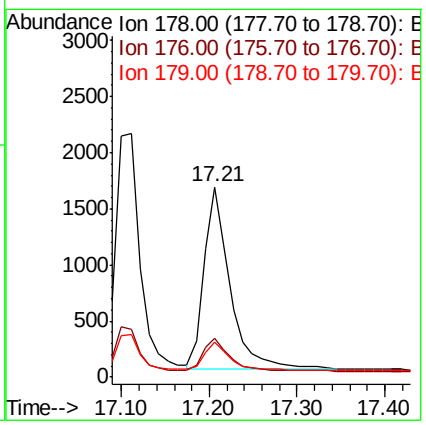


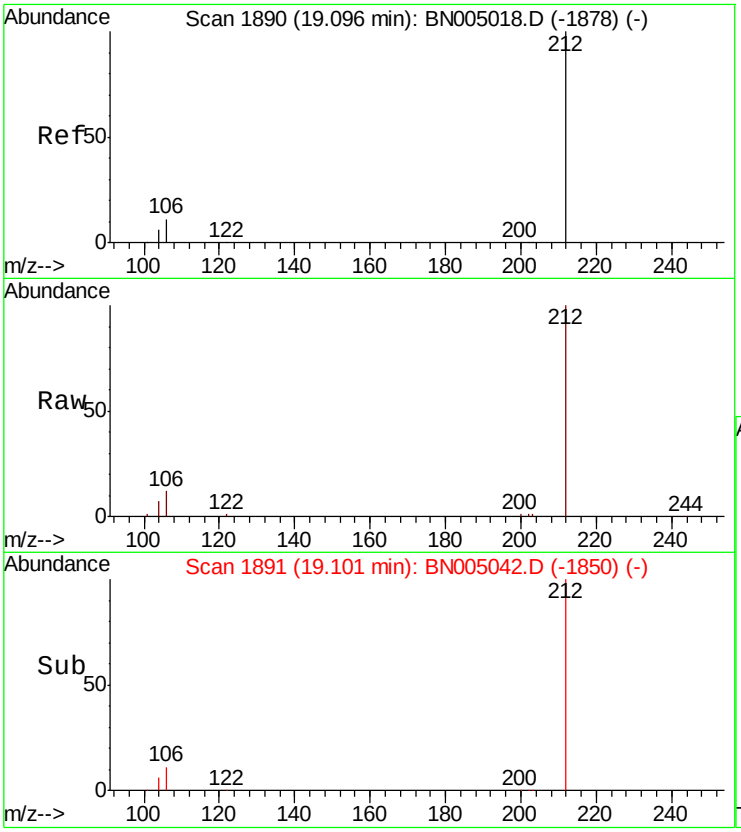


#24
Anthracene
Concen: 0.086 ng
RT: 17.21 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:178 Resp: 3329

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.0	12.3	18.5



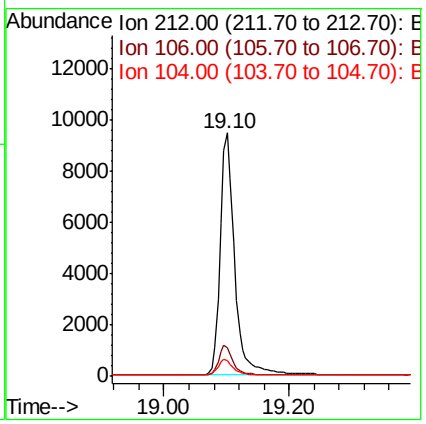


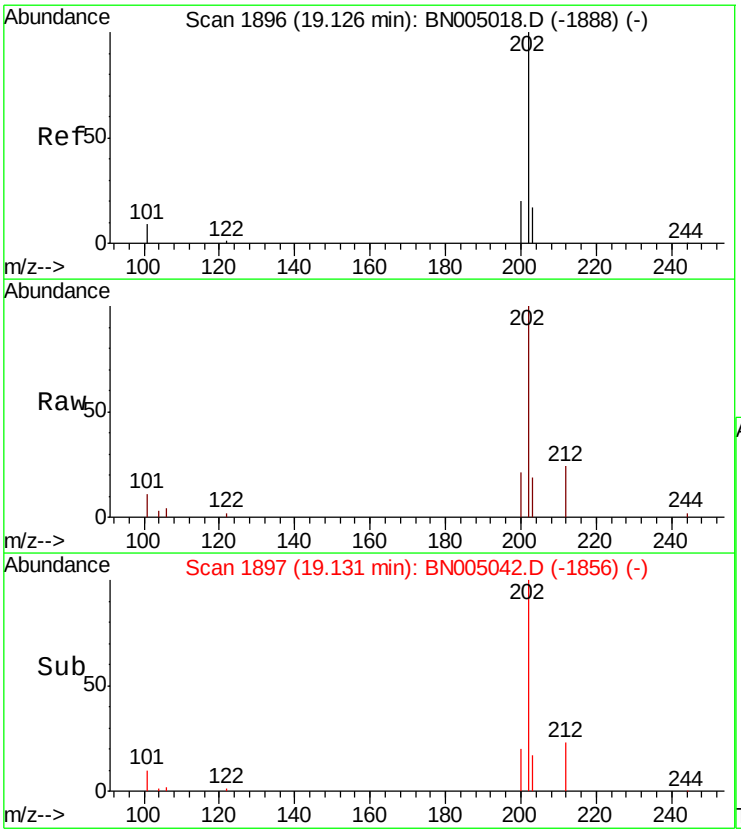
#25
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.10 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 15286

Ion	Ratio	Lower	Upper
212	100		
106	12.1	9.4	14.2
104	6.7	5.4	8.0

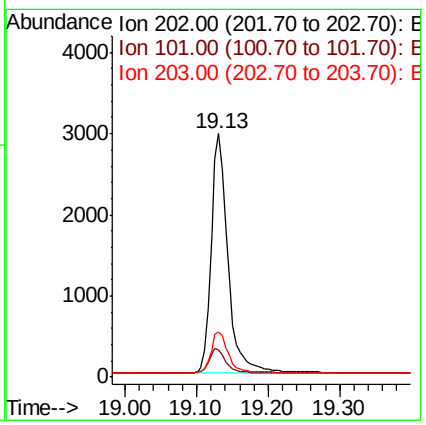


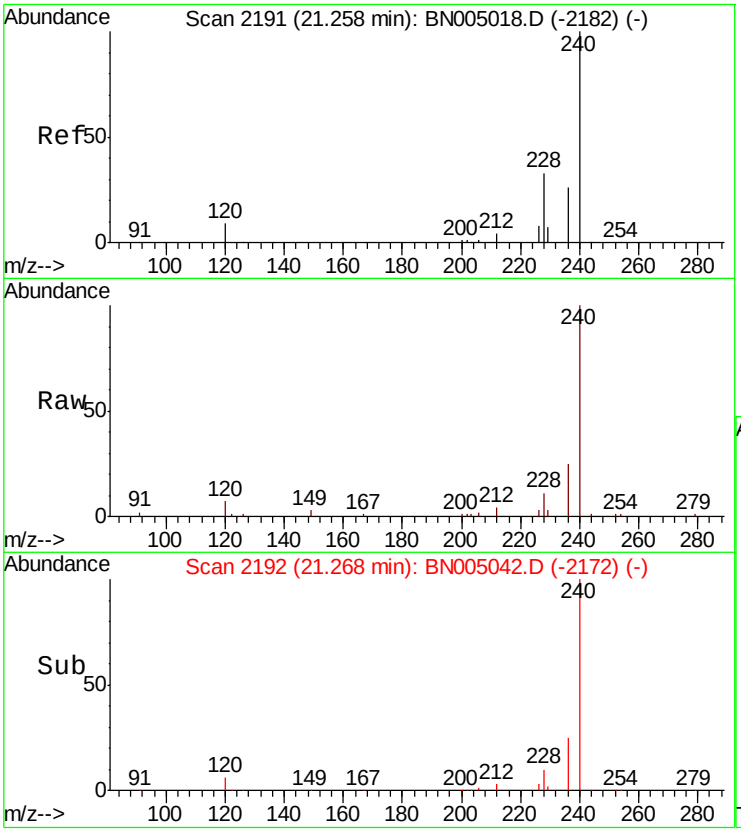


#26
Fluoranthene
Concen: 0.089 ng
RT: 19.13 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:202 Resp: 4774

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.2	12.2
203	17.3	13.8	20.8



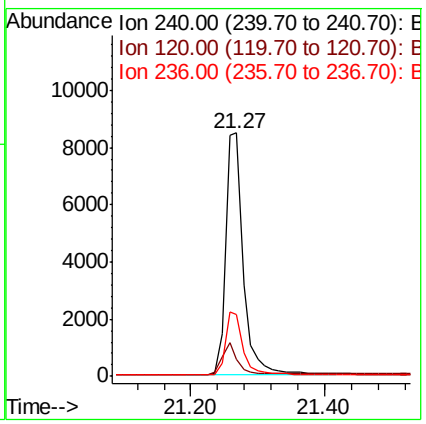


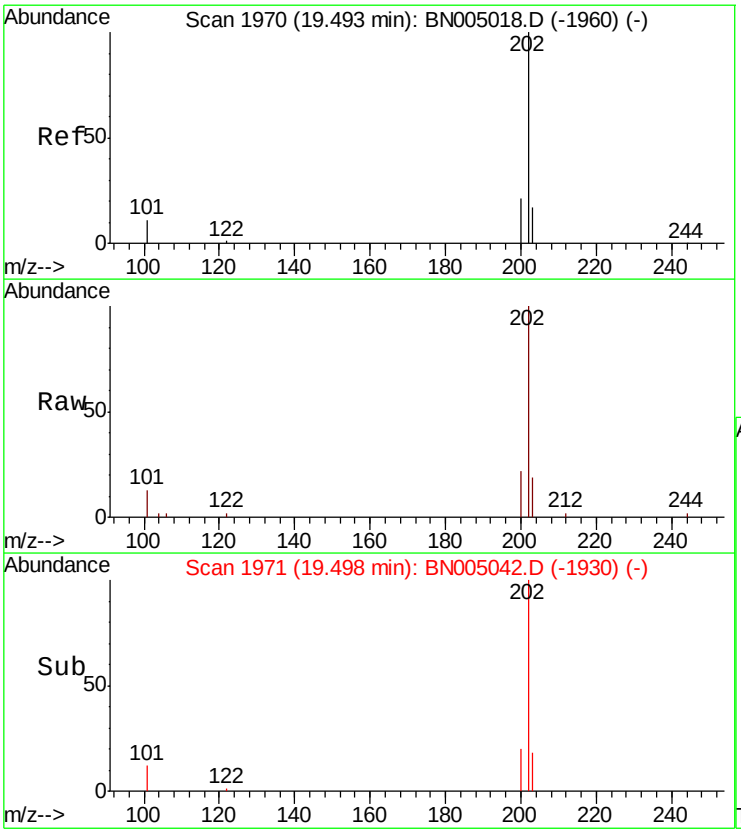
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 15528

Ion	Ratio	Lower	Upper
240	100		
120	7.1	7.4	11.0#
236	25.4	21.0	31.6

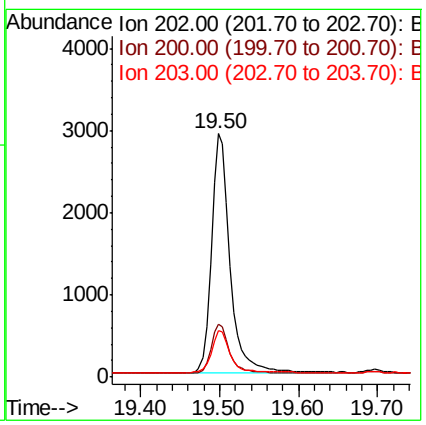


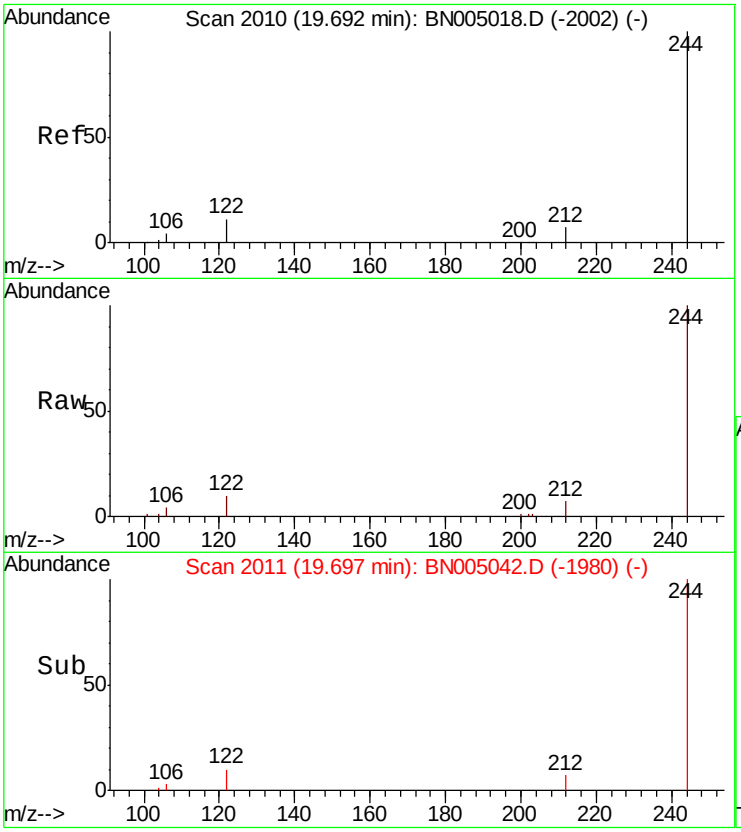


#28
Pyrene
Concen: 0.109 ng
RT: 19.50 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:202 Resp: 4794

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.7	13.9	20.9



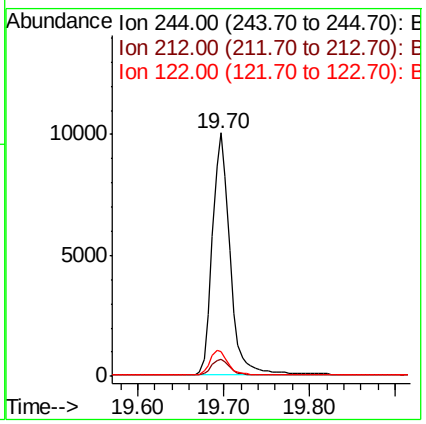


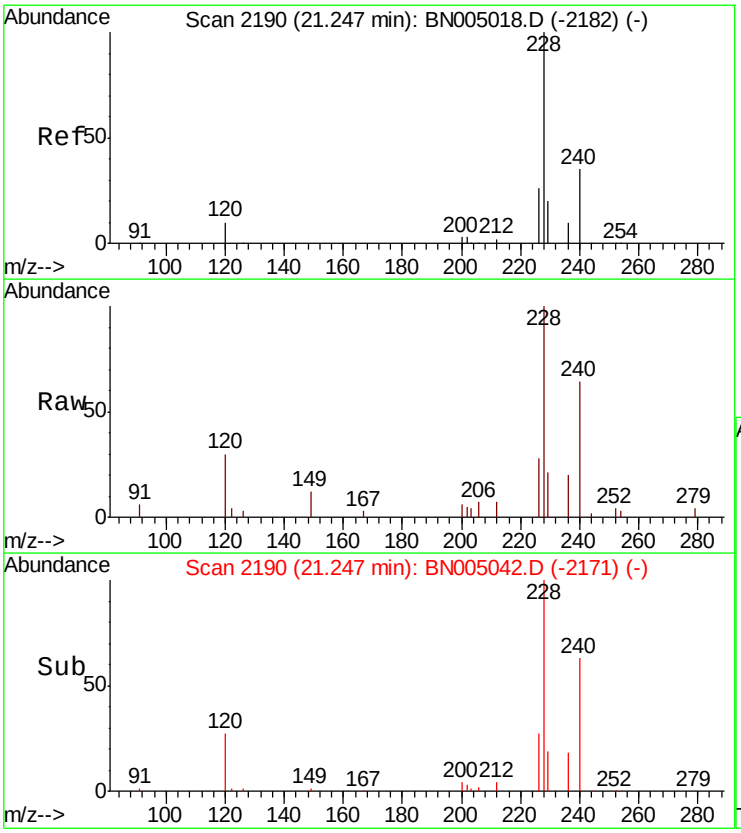
#29
Terphenyl-d14
Concen: 0.454 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 14497

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.4	9.0	13.4

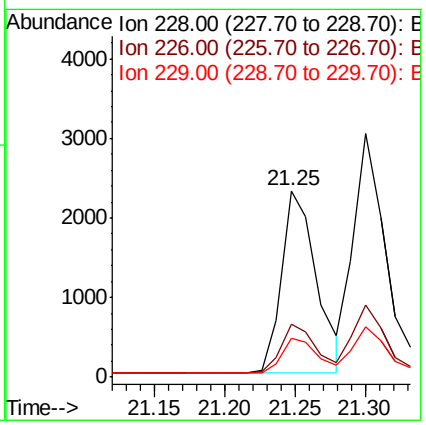


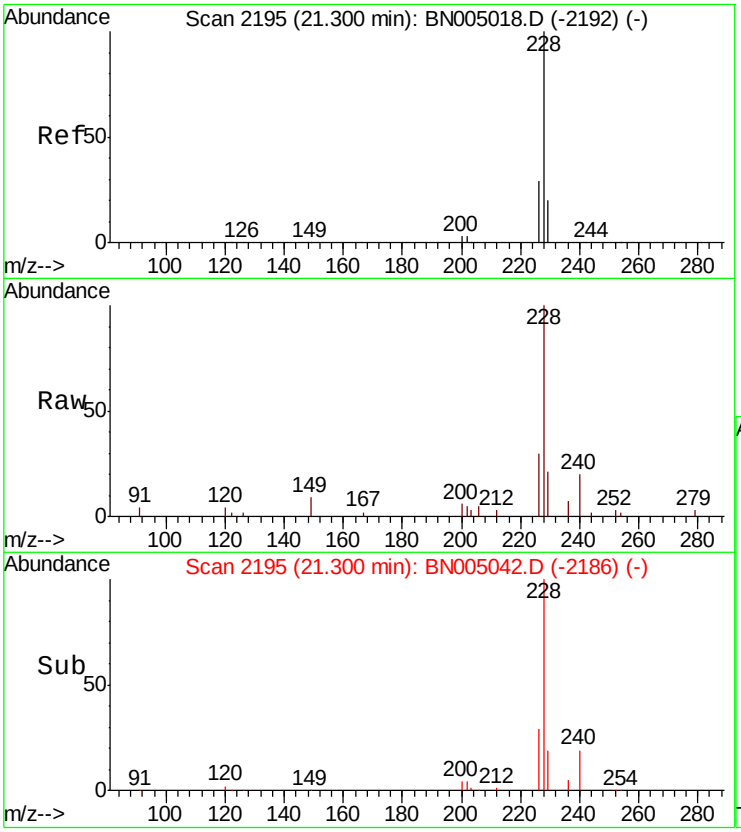


#30
Benzo(a)anthracene
Concen: 0.092 ng
RT: 21.25 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:228 Resp: 4007

Ion	Ratio	Lower	Upper
228	100		
226	28.3	20.9	31.3
229	21.0	16.2	24.2



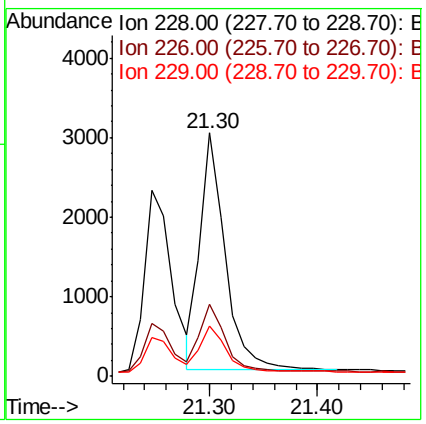


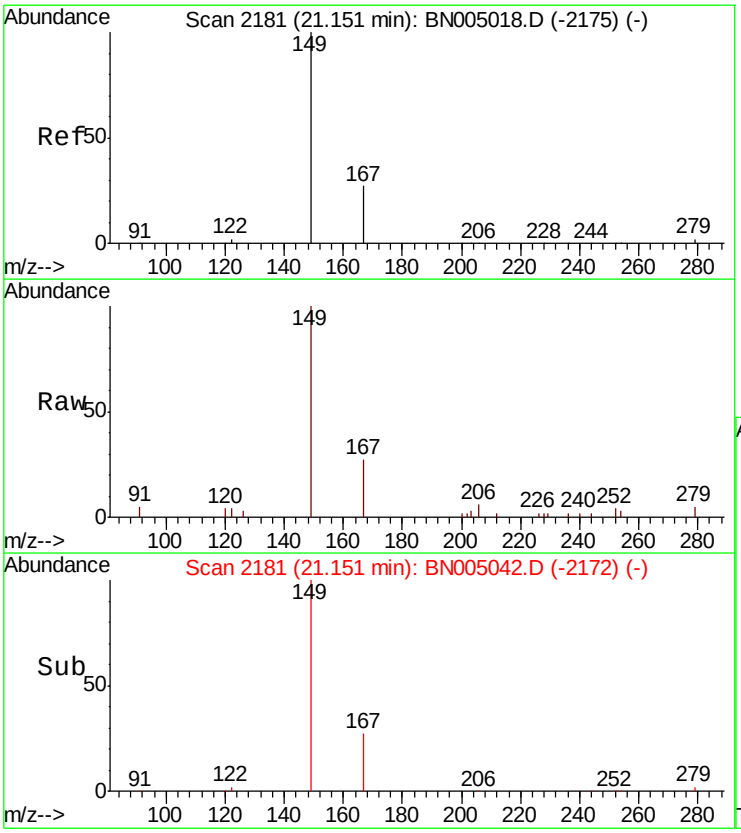
#31
Chrysene
Concen: 0.102 ng
RT: 21.30 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 4812

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.8	34.2
229	20.5	16.2	24.4

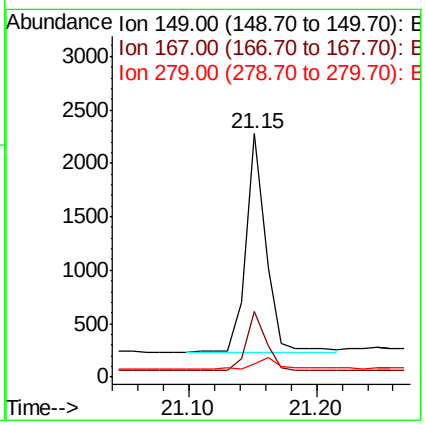


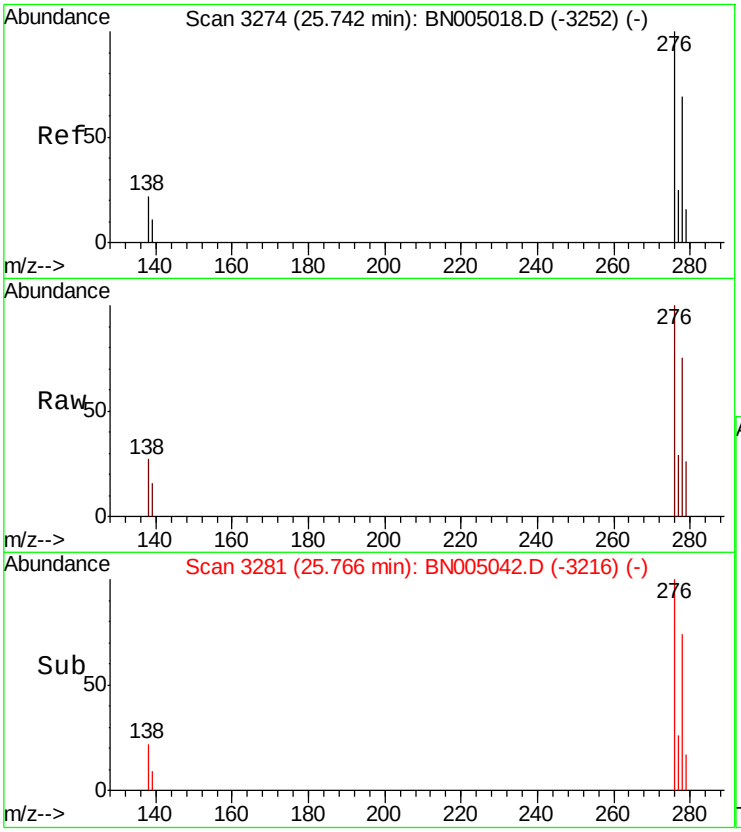


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.123 ng
RT: 21.15 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:149 Resp: 2252

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.4
279	5.1	4.2	6.4



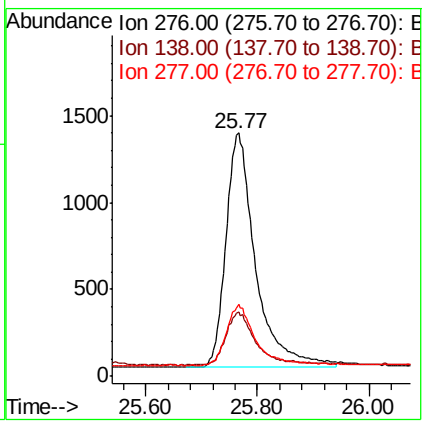


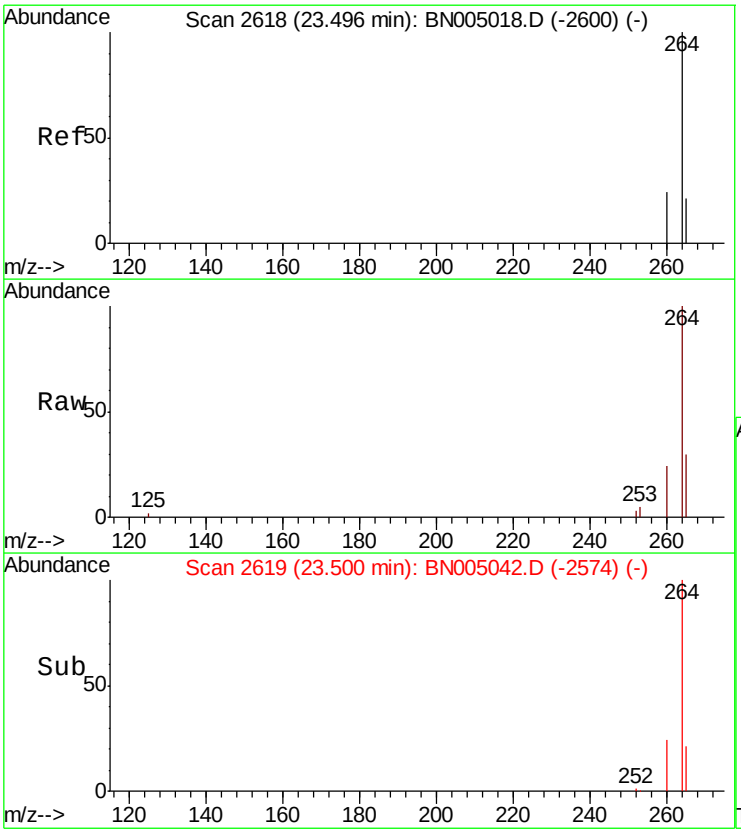
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng
RT: 25.77 min Scan# 3281
Delta R.T. 0.02 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4969

Ion	Ratio	Lower	Upper
276	100		
138	21.6	18.2	27.2
277	24.9	20.3	30.5

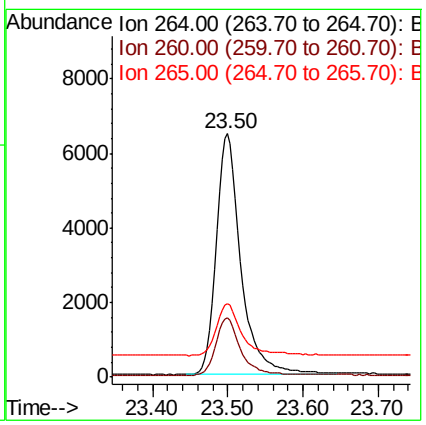


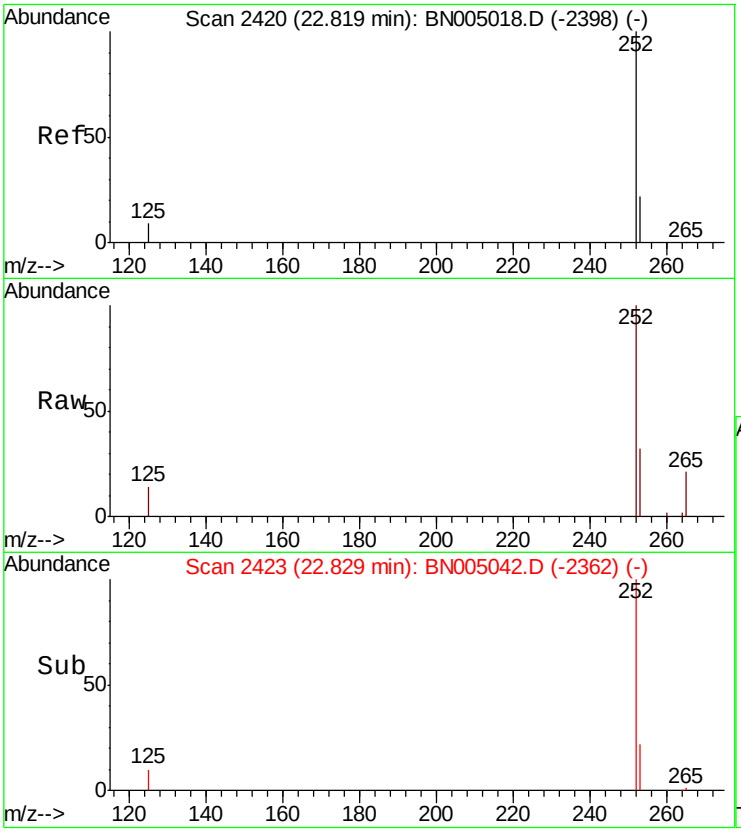


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:264 Resp: 14725

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	30.1	22.5	33.7



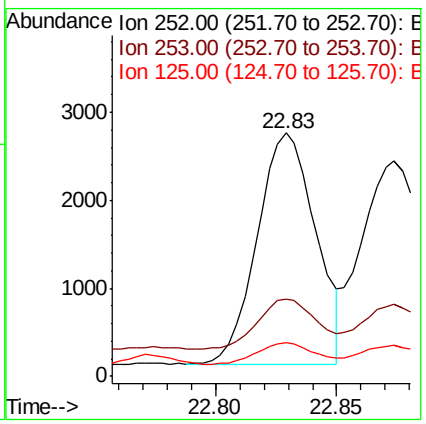


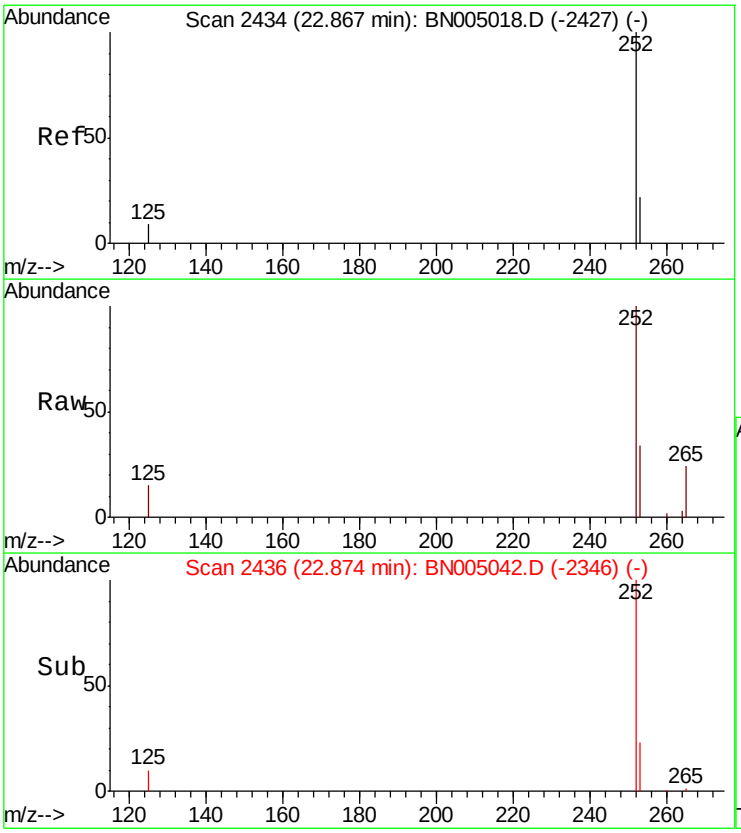
#35
Benzo(b)fluoranthene
Concen: 0.094 ng
RT: 22.83 min Scan# 2423
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4419

Ion	Ratio	Lower	Upper
252	100		
253	31.9	19.2	28.8#
125	13.8	8.2	12.2#

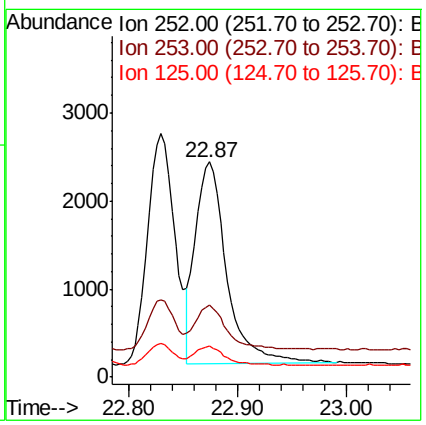


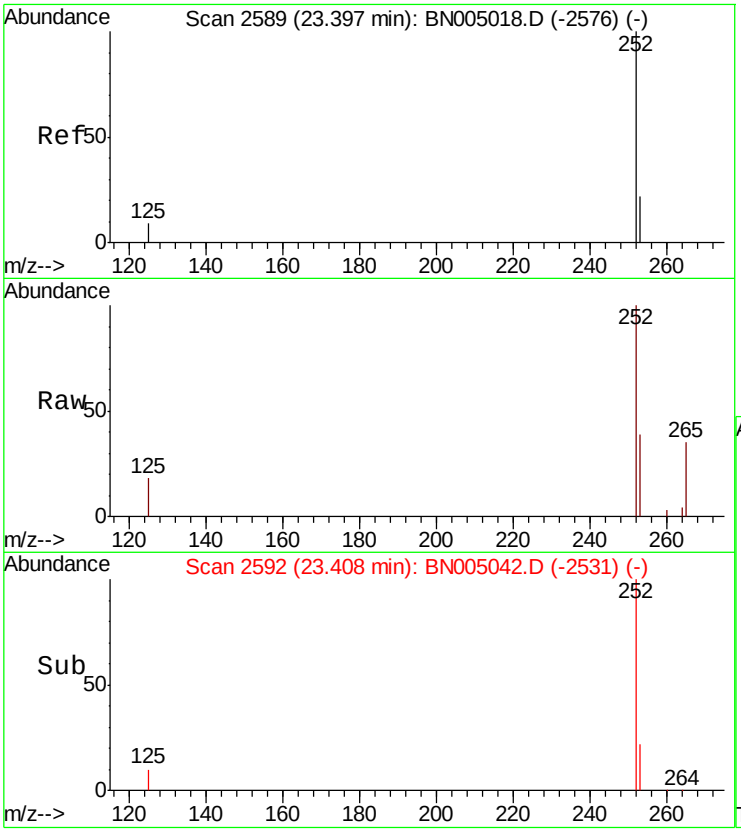


#36
Benzo(k)fluoranthene
Concen: 0.100 ng
RT: 22.87 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:252 Resp: 4565

Ion	Ratio	Lower	Upper
252	100		
253	33.5	19.3	28.9#
125	14.5	8.2	12.2#



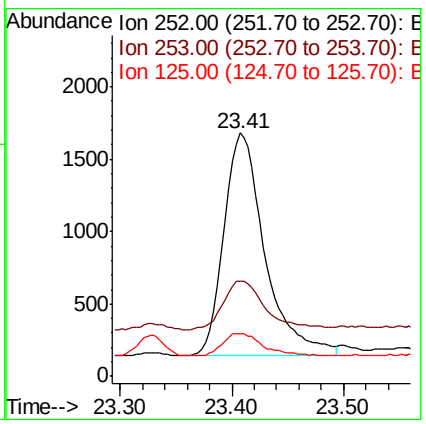


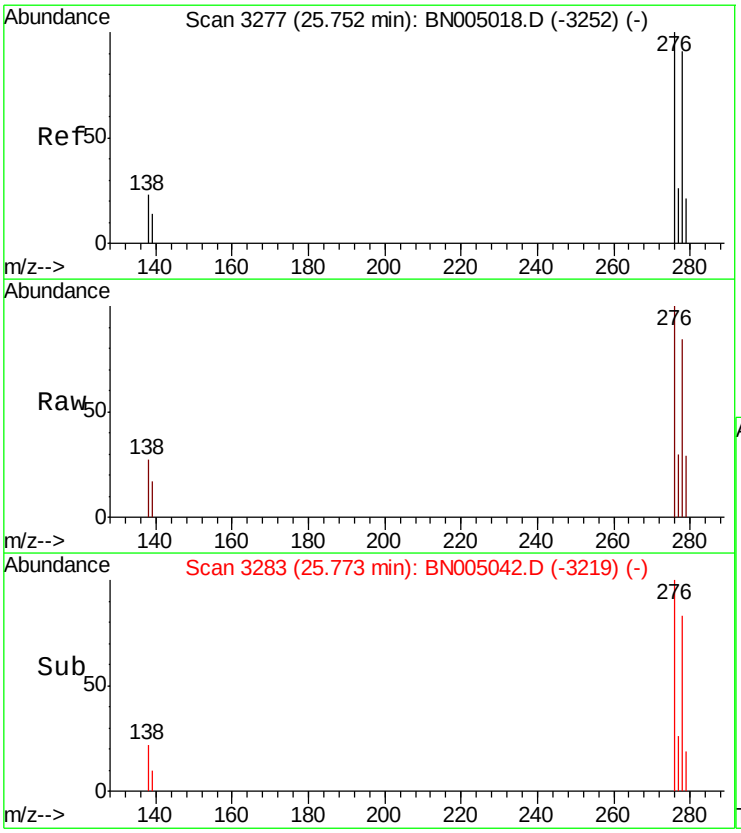
#37
Benzo(a)pyrene
Concen: 0.094 ng
RT: 23.41 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3930

Ion	Ratio	Lower	Upper
252	100		
253	38.9	20.2	30.2#
125	17.6	9.2	13.8#

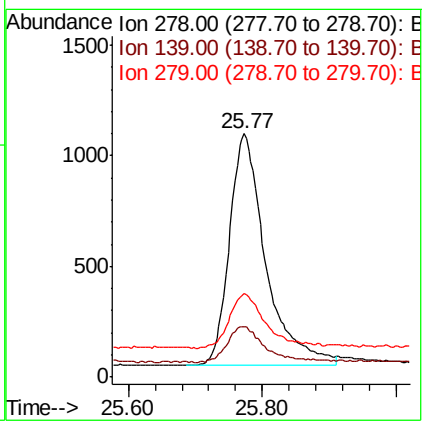


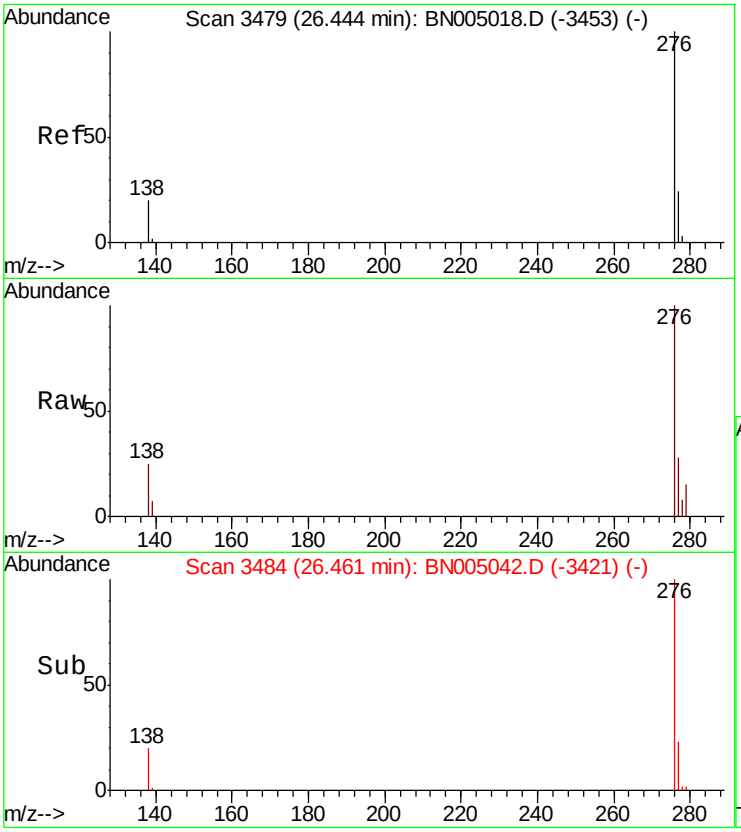


#38
Dibenzo(a,h)anthracene
Concen: 0.094 ng
RT: 25.77 min Scan# 3283
Delta R.T. 0.02 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Tgt Ion:278 Resp: 3932

Ion	Ratio	Lower	Upper
278	100		
139	20.6	13.1	19.7#
279	34.5	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.101 ng
RT: 26.46 min Scan# 3484
Delta R.T. 0.02 min
Lab File: BN005042.D
Acq: 01 Apr 2019 11:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4270

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.8	29.6
138	25.0	16.4	24.6#