Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040119\
Data File : BN005043.D
Acq On : 01 Apr 2019 11:48
Operator : JU/SJ
Sample : K2106-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 01 12:23:29 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	3067	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	13084	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	7597	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	17702	0.40	ng		0.00
27) Chrysene-d12	21.27	240	18798	0.40	ng		0.01
34) Perylene-d12	23.50	264	17061	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	1610	0.21	ng		0.00
5) Phenol-d6	6.84	99	1570	0.17	ng		0.00
8) Nitrobenzene-d5	8.83	82	2945	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.04	152	7861	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	1943	0.46	ng		0.00
15) 2-Fluorobiphenyl	12.92	172	17473	0.61	ng		0.00
25) Fluoranthene-d10	19.10	212	20649	0.41	ng		0.00
29) Terphenyl-d14	19.69	244	23611	0.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	81	0.025	ng	#	1
3) n-Nitrosodimethylamine	3.53	42	22	0.011	ng	#	4
6) bis(2-Chloroethyl)ether	7.07	93	22	0.003	ng	#	26
9) Naphthalene	10.49	128	321	0.010	ng	#	44
10) Hexachlorobutadiene	10.74	225	8	0.001	ng	#	18
12) 2-Methylnaphthalene	12.12	142	91	0.004	ng	#	76
16) Acenaphthylene	14.03	152	103	0.003	ng	#	34
17) Acenaphthene	14.37	154	1672	0.073	ng		99
18) Fluorene	15.36	166	87	0.003	ng	#	92
20) 4-Bromophenyl-phenylether	16.25	248	11	0.001	ng	#	55
21) Hexachlorobenzene	16.36	284	15	0.001	ng	#	44
22) Pentachlorophenol	16.75	266	34	0.105	ng	#	69
23) Phenanthrene	17.20	178	164	0.003	ng		94
24) Anthracene	17.20	178	164	0.004	ng		95
26) Fluoranthene	19.13	202	641	0.011	ng		95
28) Pyrene	19.50	202	1064	0.020	ng	#	93
30) Benzo(a)anthracene	21.25	228	440	0.008	ng	#	60
31) Chrysene	21.30	228	556	0.010	ng	#	77
32) Bis(2-ethylhexyl)phthalate	21.15	149	4874	0.220	ng		99
33) Indeno(1,2,3-cd)pyrene	25.78	276	314	0.005	ng		96
35) Benzo(b)fluoranthene	22.84	252	634	0.012	ng	#	1
36) Benzo(k)fluoranthene	22.88	252	408	0.008	ng	#	1
37) Benzo(a)pyrene	23.41	252	261	0.005	ng	#	1
38) Dibenzo(a,h)anthracene	25.78	278	155	0.003	ng	#	1
39) Benzo(g,h,i)perylene	26.47	276	488	0.010	ng	#	15

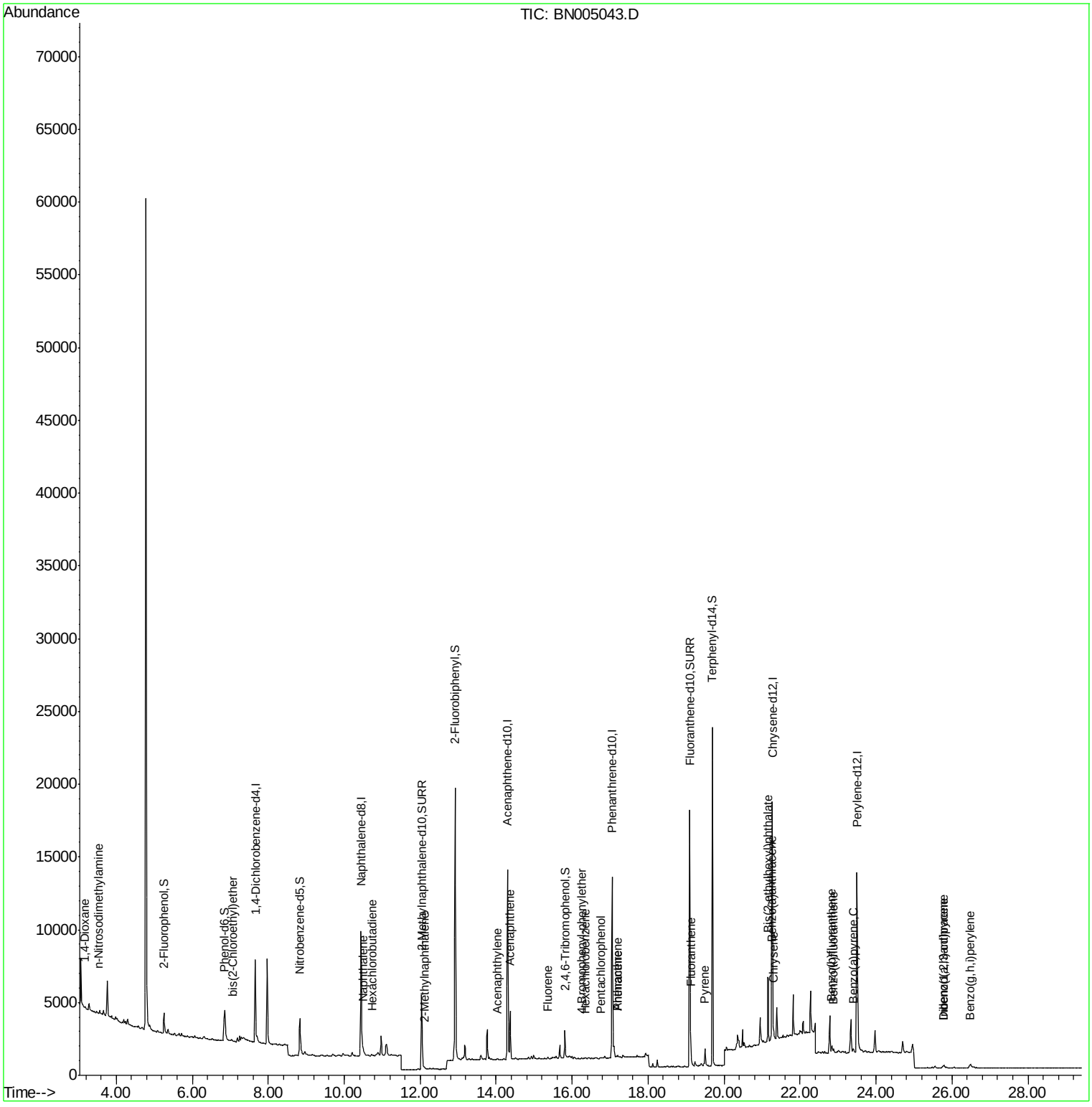
(#) = qualifier out of range (m) = manual integration (+) = signals summed

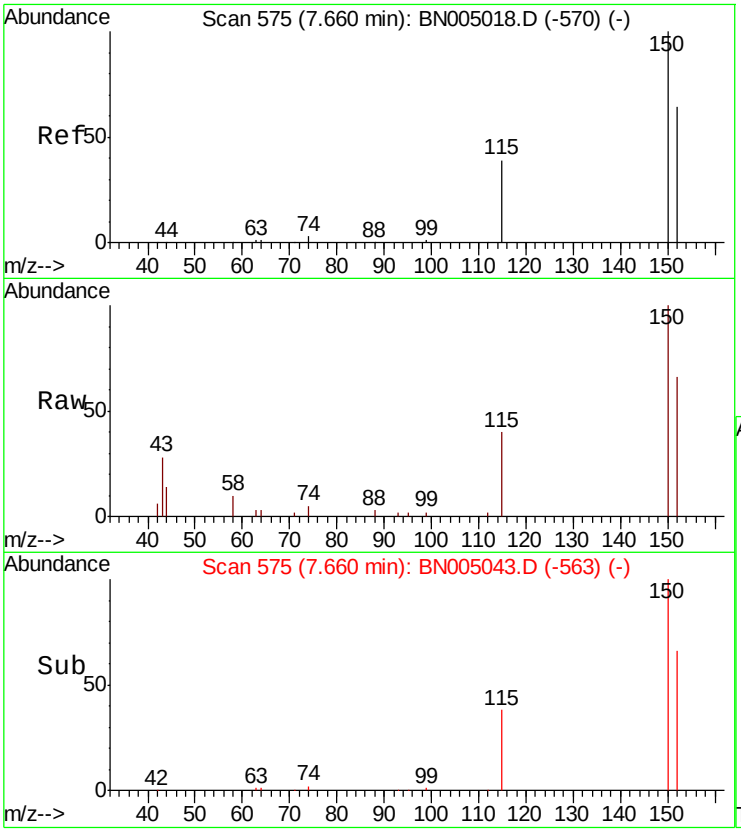
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040119\
Data File : BN005043.D
Acq On : 01 Apr 2019 11:48
Operator : JU/SJ
Sample : K2106-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 01 12:23:29 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



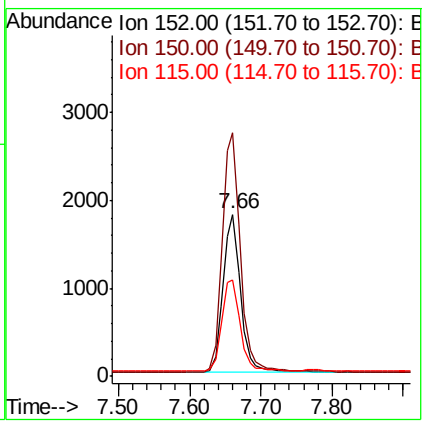


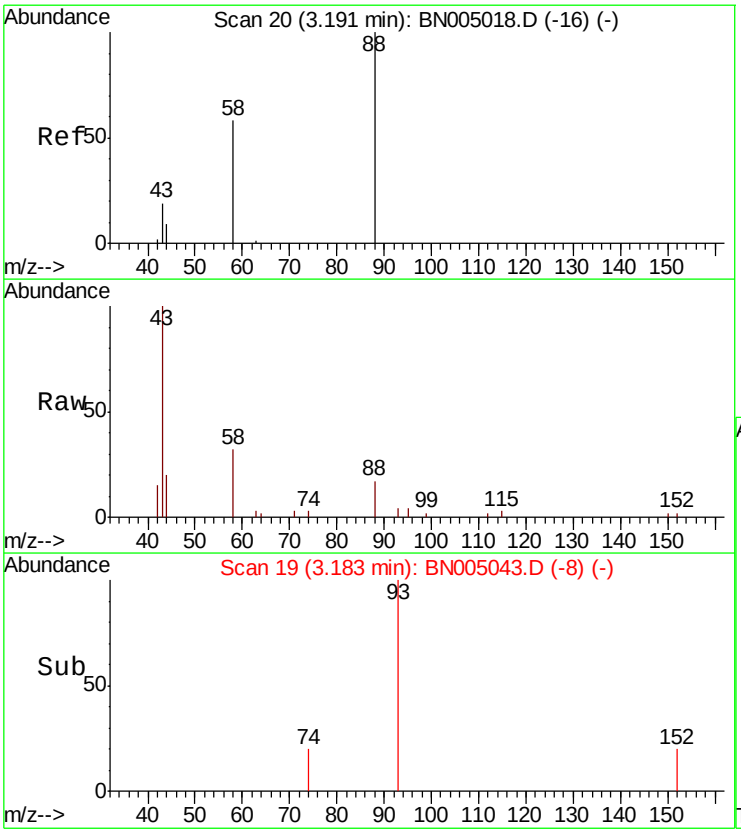
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3067

Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.4	185.2
115	60.0	50.0	75.0

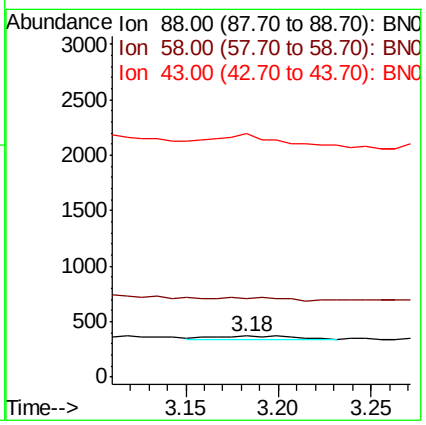


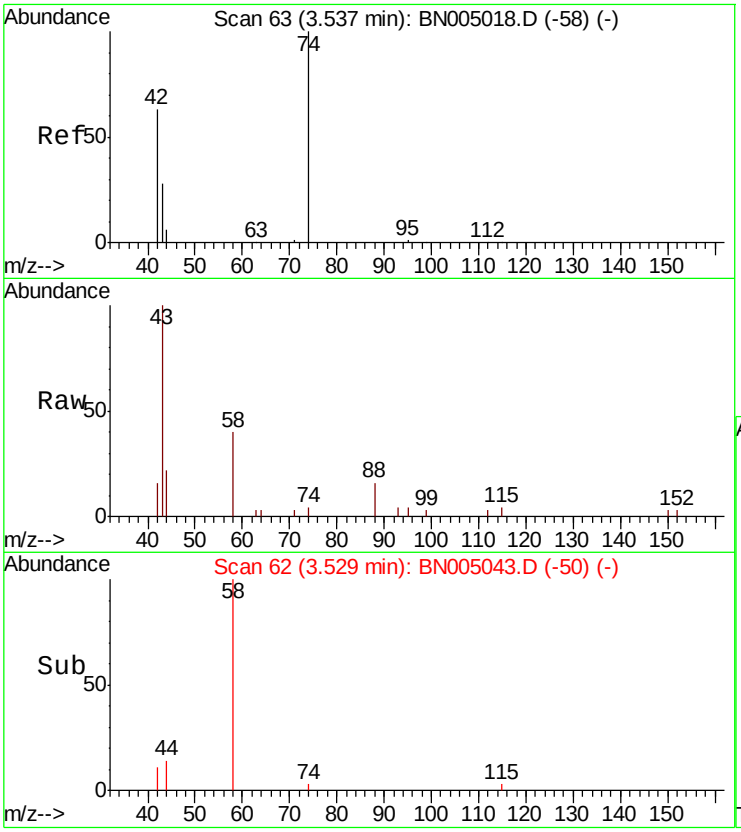


#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.18 min Scan# 19
Delta R.T. -0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion: 88 Resp: 81

Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.8	79.2#
43	476.5	19.6	29.4#



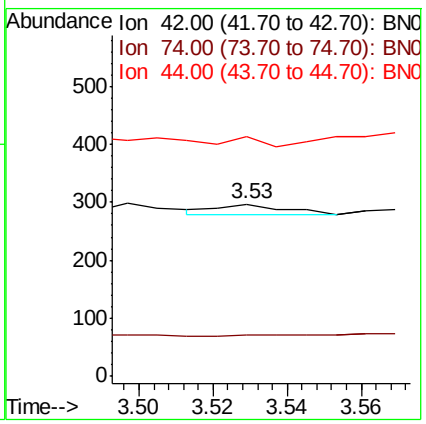


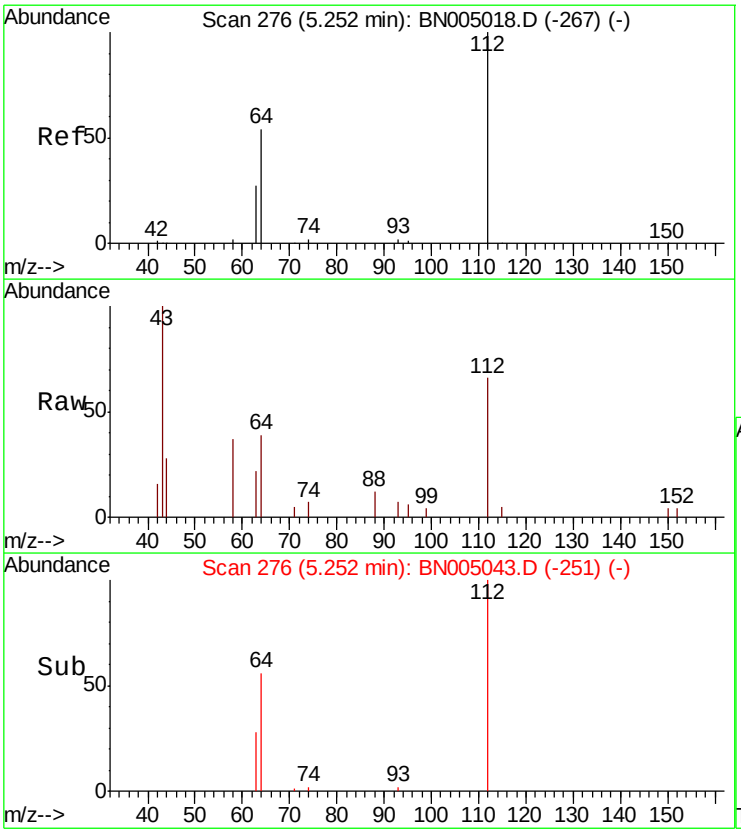
#3
n-Nitrosodimethylamine
Concen: 0.011 ng
RT: 3.53 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 22

Ion	Ratio	Lower	Upper
42	100		
74	27.3	129.1	193.7#
44	0.0	11.6	17.4#

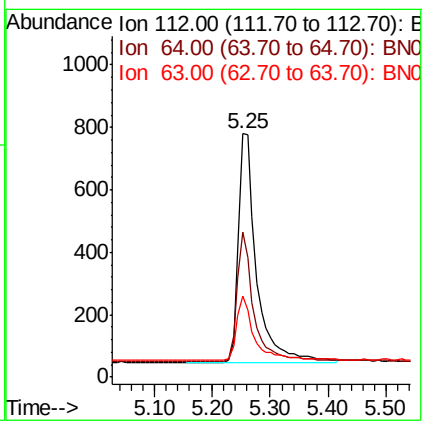


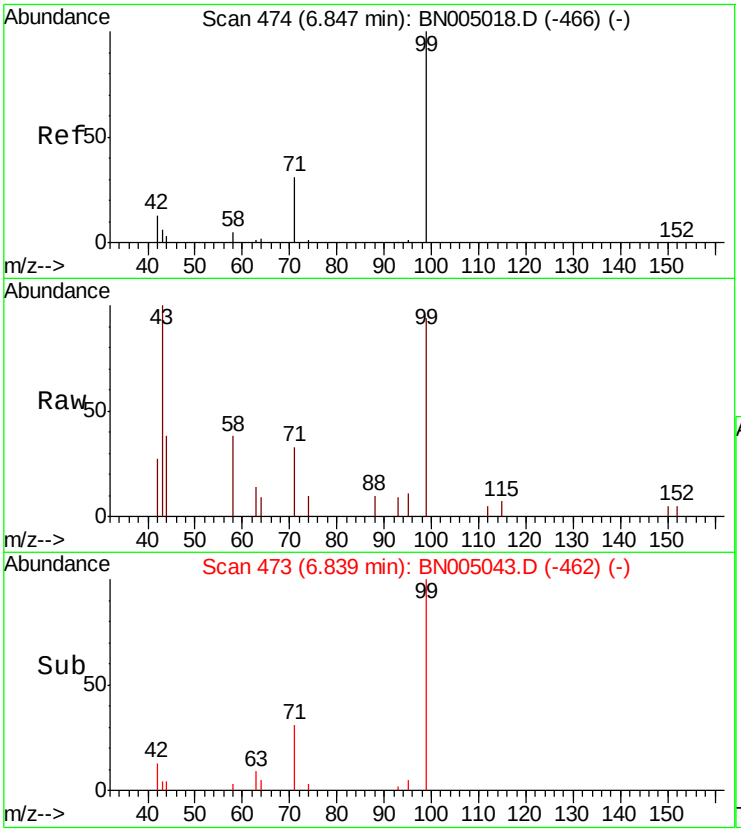


#4
2-Fluorophenol
Concen: 0.210 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:112 Resp: 1610

Ion	Ratio	Lower	Upper
112	100		
64	51.6	41.9	62.9
63	27.2	21.5	32.3



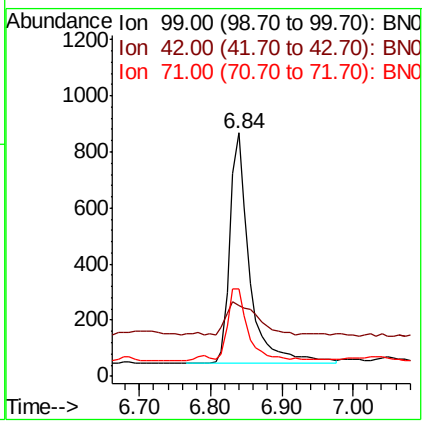


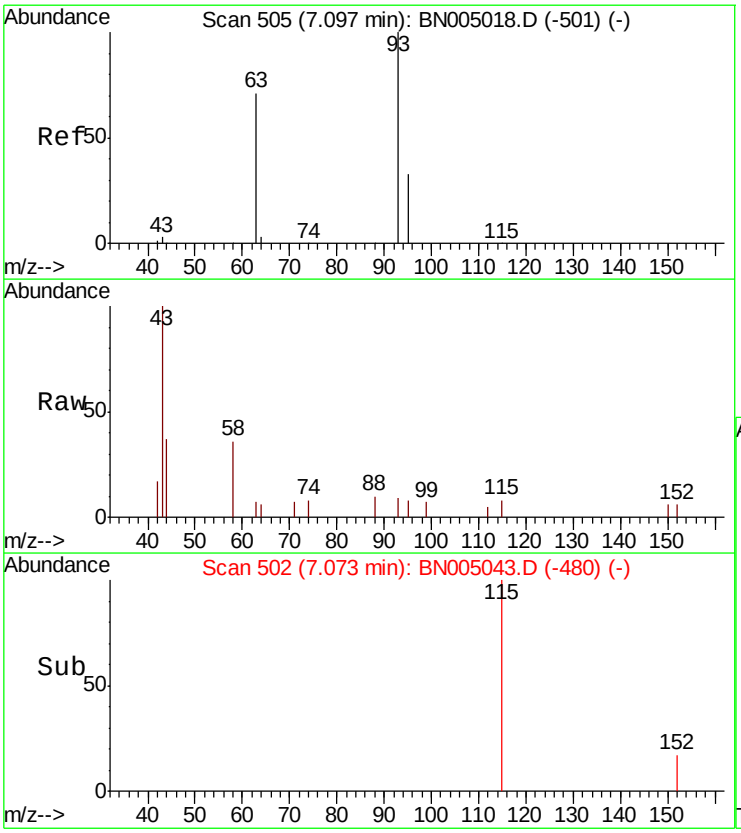
#5
Phenol-d6
Concen: 0.173 ng
RT: 6.84 min Scan# 473
Delta R.T. -0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1570

Ion	Ratio	Lower	Upper
99	100		
42	23.2	12.2	18.2#
71	30.8	26.1	39.1

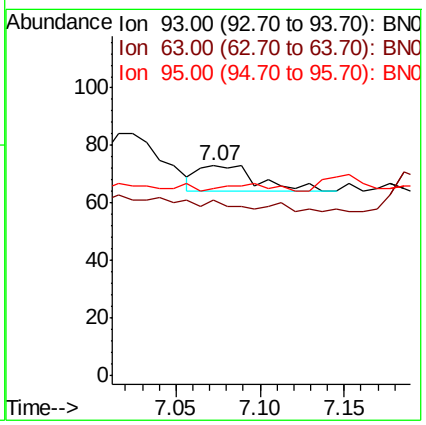


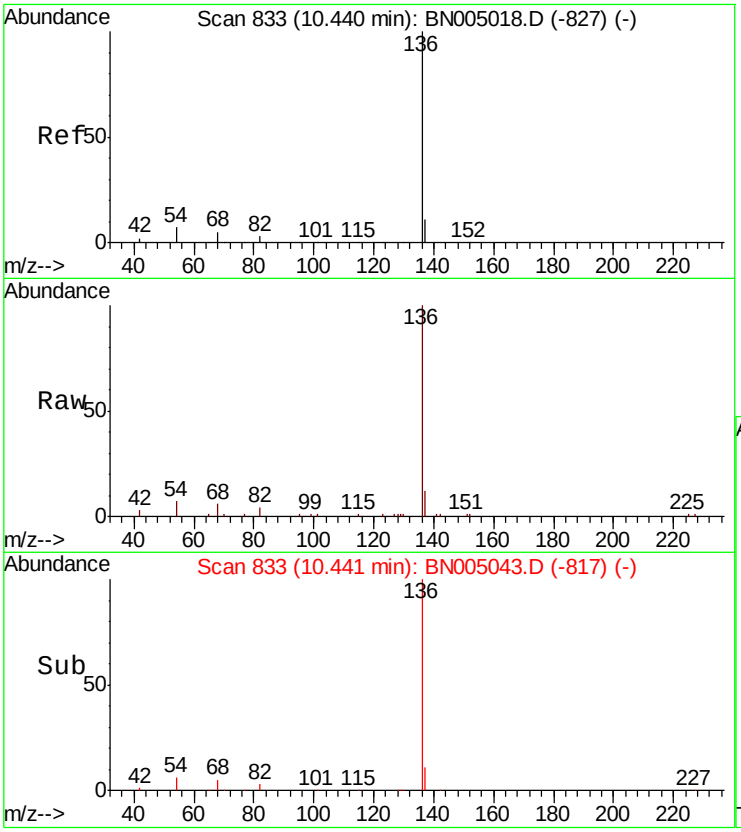


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.07 min Scan# 502
Delta R.T. -0.02 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion: 93 Resp: 22

Ion	Ratio	Lower	Upper
93	100		
63	0.0	51.8	77.6#
95	0.0	24.8	37.2#



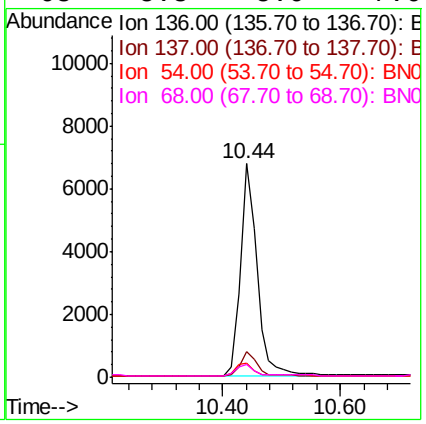


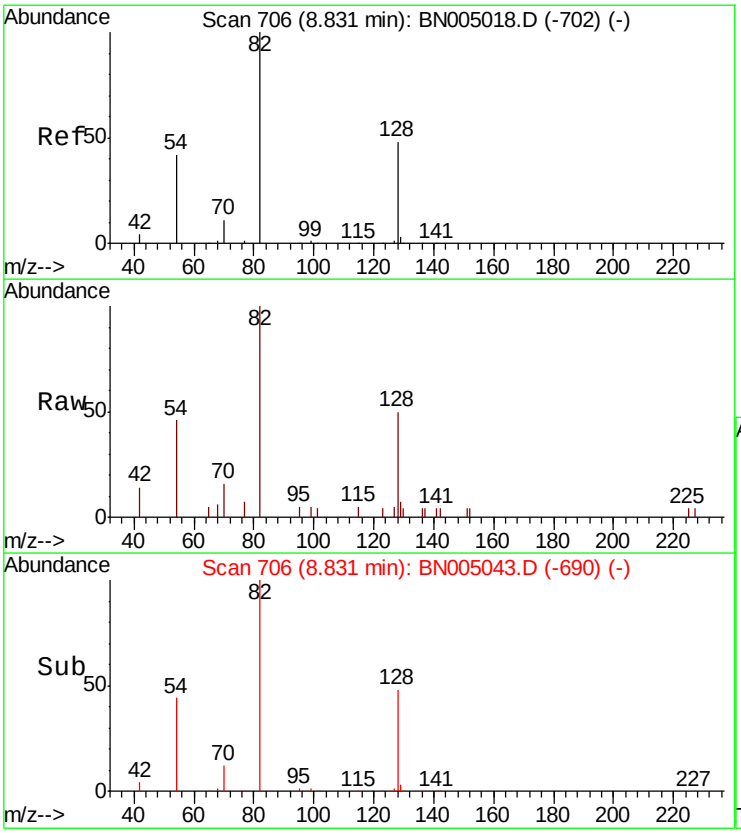
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13084

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	6.8	6.0	9.0
68	5.8	5.0	7.6

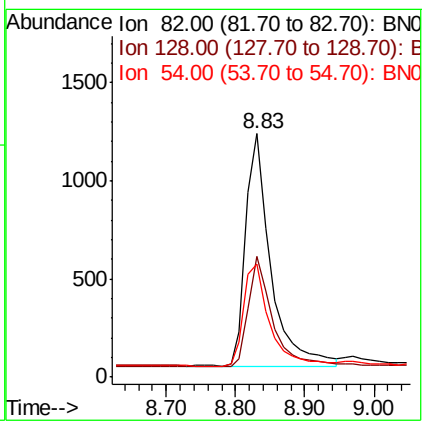


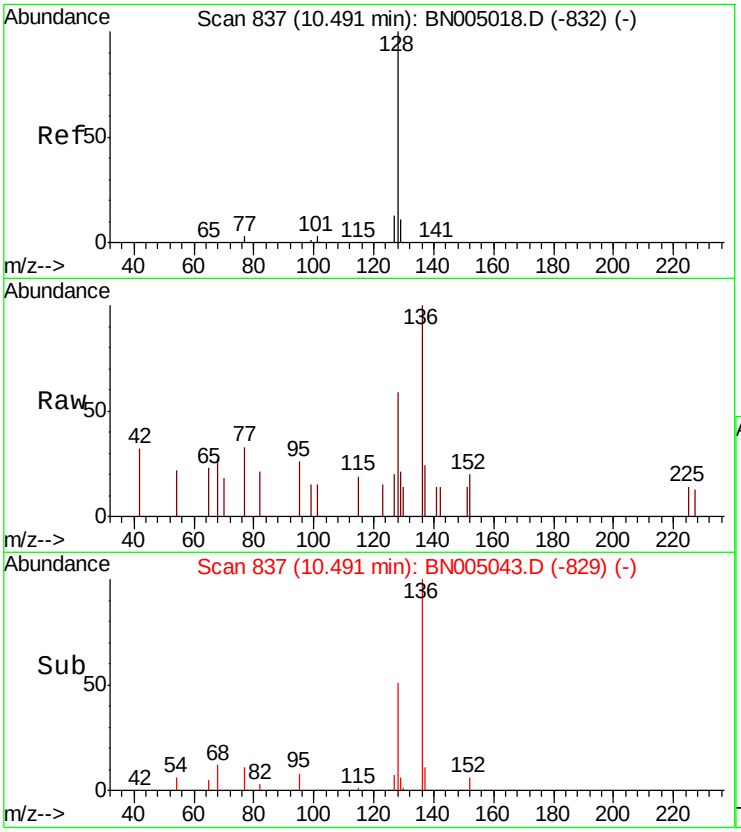


#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 8.83 min Scan# 706
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion: 82 Resp: 2945

Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.5	60.7
54	46.4	35.7	53.5



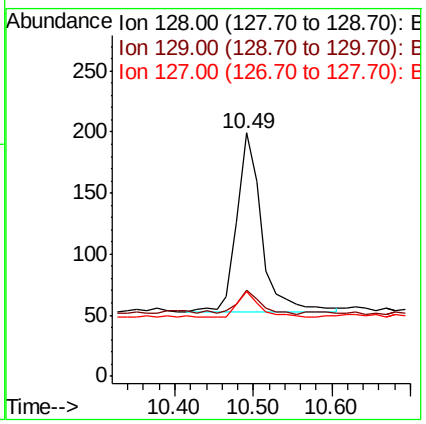


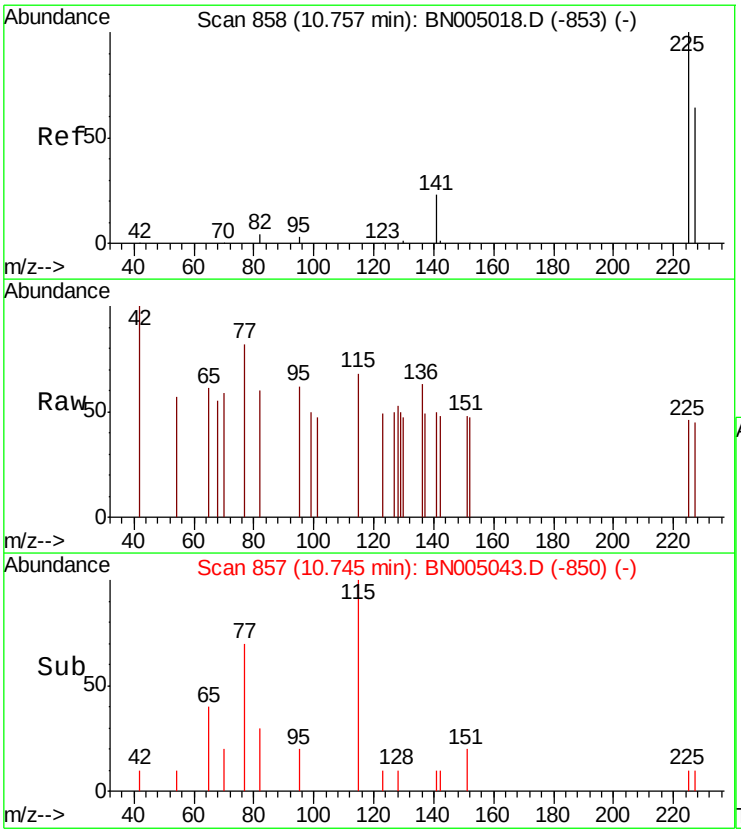
#9
Naphthalene
Concen: 0.010 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 321

Ion	Ratio	Lower	Upper
128	100		
129	35.2	9.4	14.2#
127	34.7	11.0	16.6#

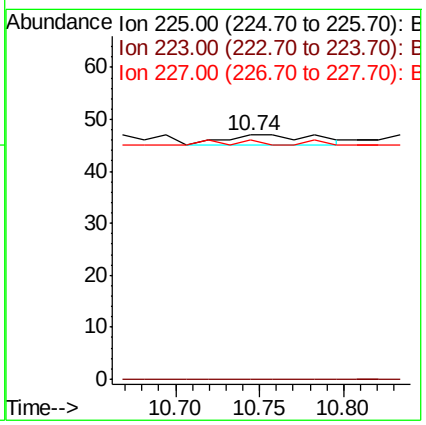


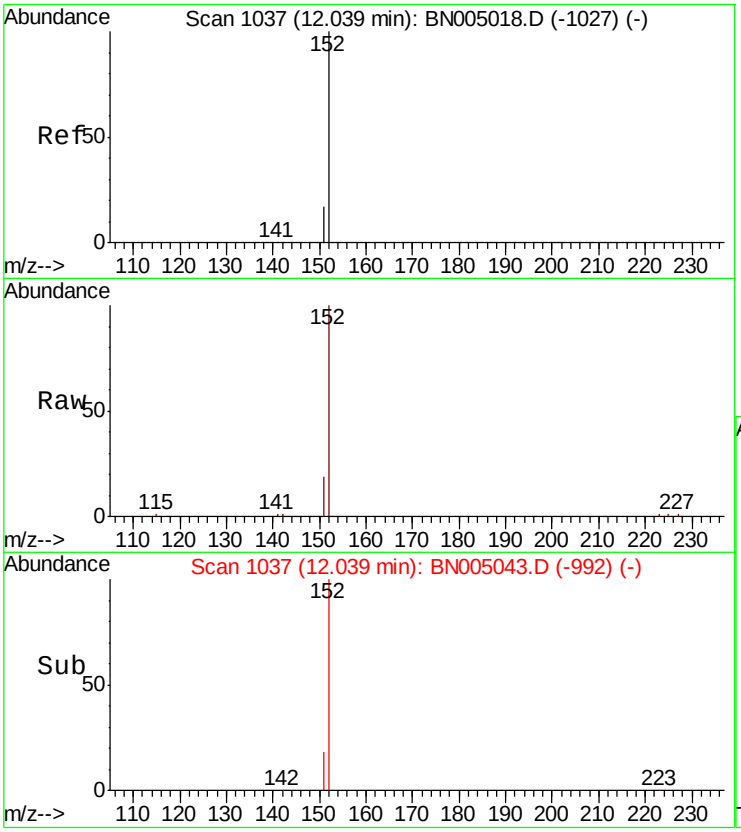


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.74 min Scan# 857
Delta R.T. -0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:225 Resp: 8

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



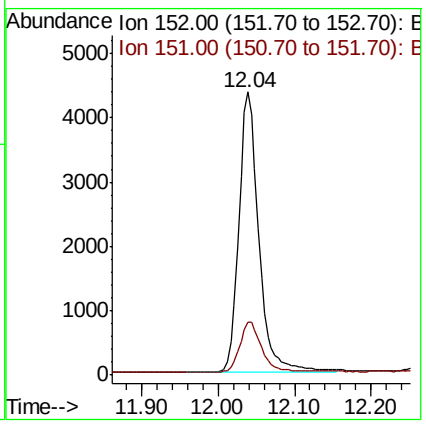


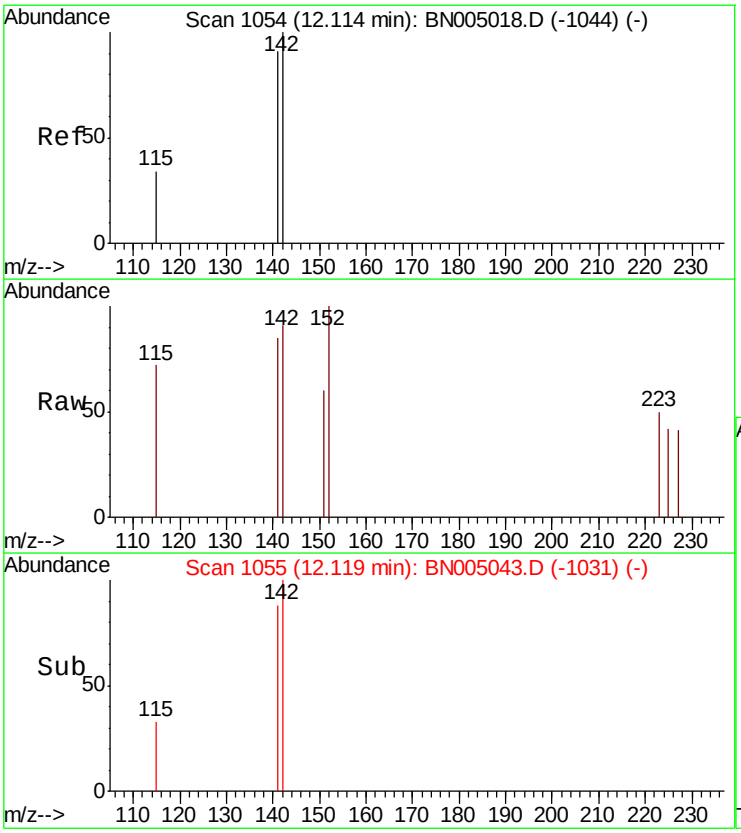
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.04 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7861

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9

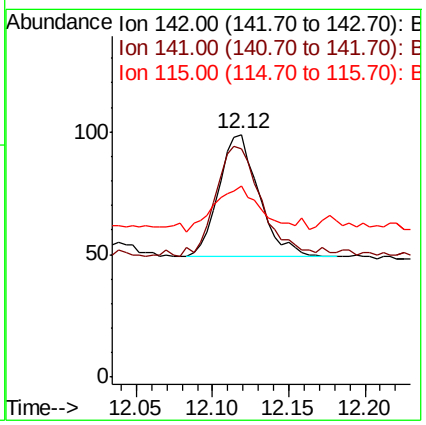


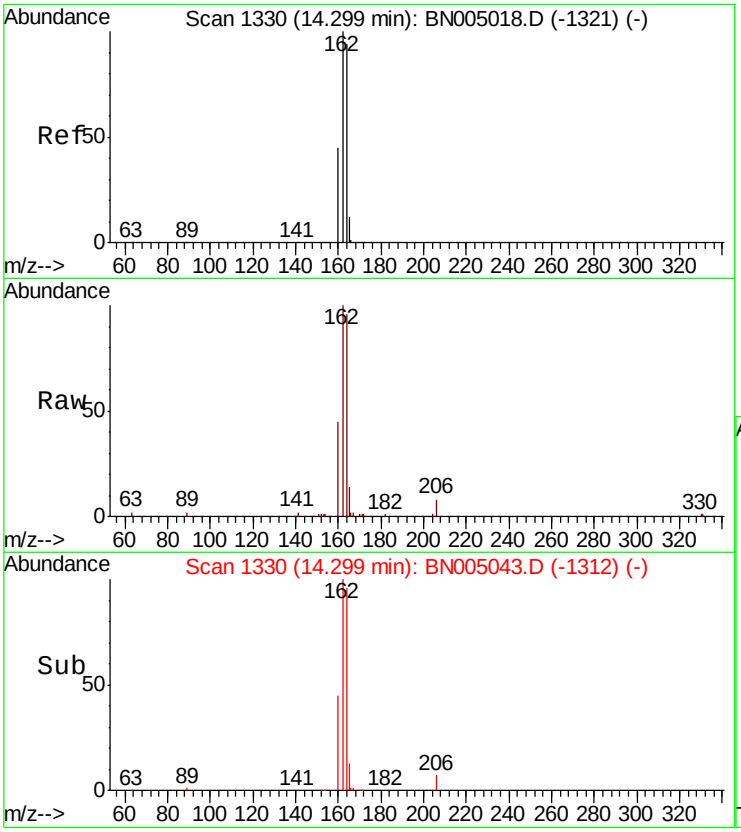


#12
2-Methylnaphthalene
Concen: 0.004 ng
RT: 12.12 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:142 Resp: 91

Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.6	108.8
115	78.8	27.8	41.8#



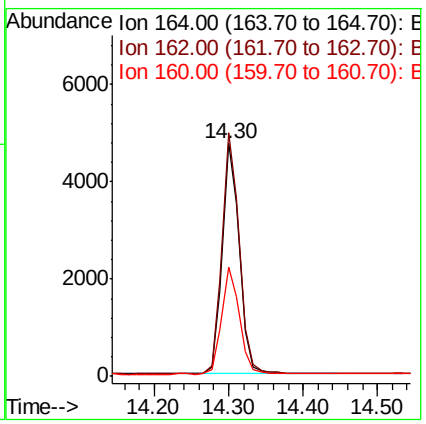


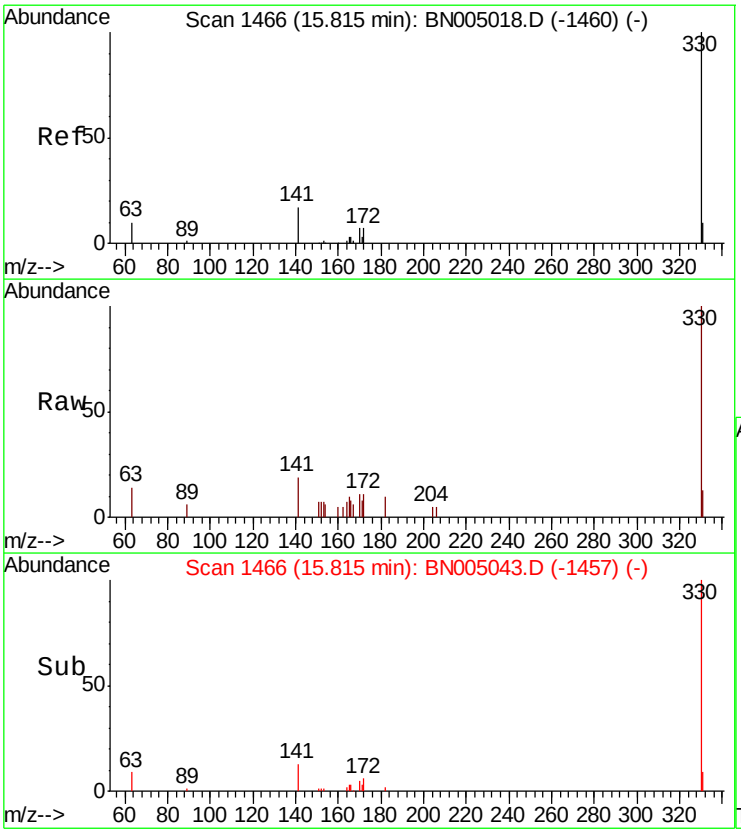
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7597

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.3	127.9
160	47.1	39.2	58.8

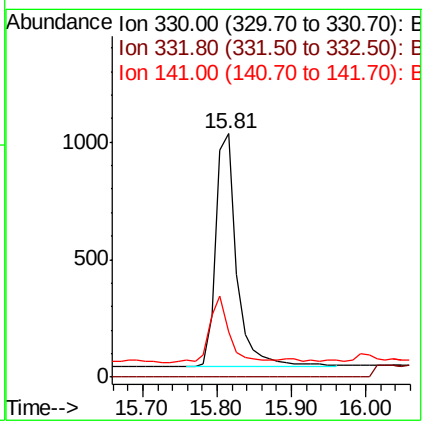


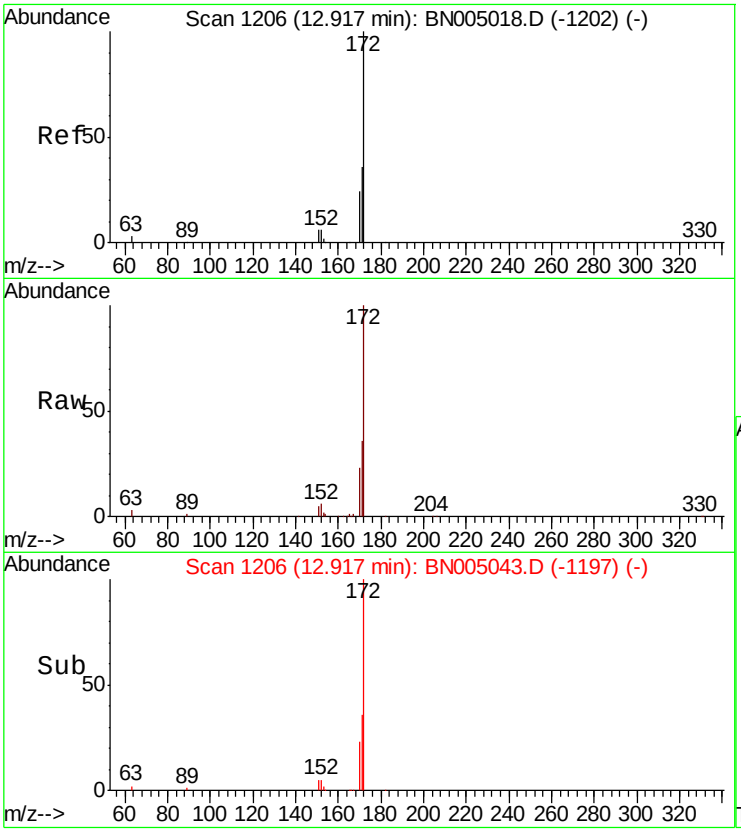


#14
2,4,6-Tribromophenol
Concen: 0.456 ng
RT: 15.81 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:330 Resp: 1943

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.6	21.3	31.9



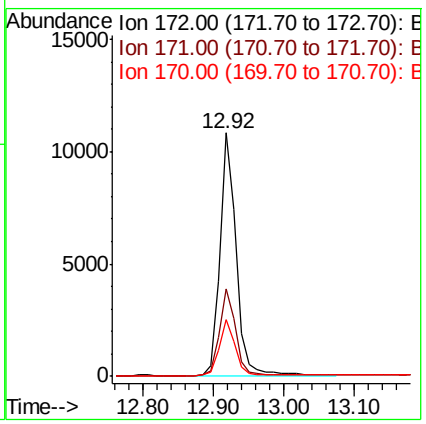


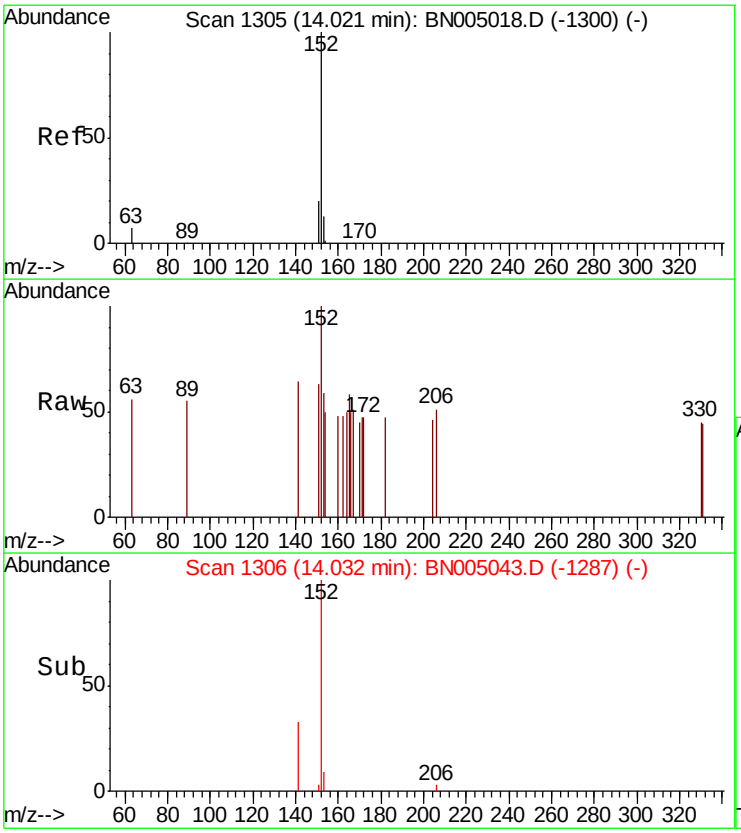
#15
2-Fluorobiphenyl
Concen: 0.609 ng
RT: 12.92 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 17473

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.5	20.0	30.0

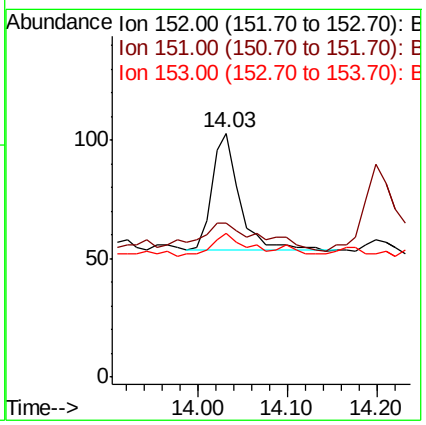


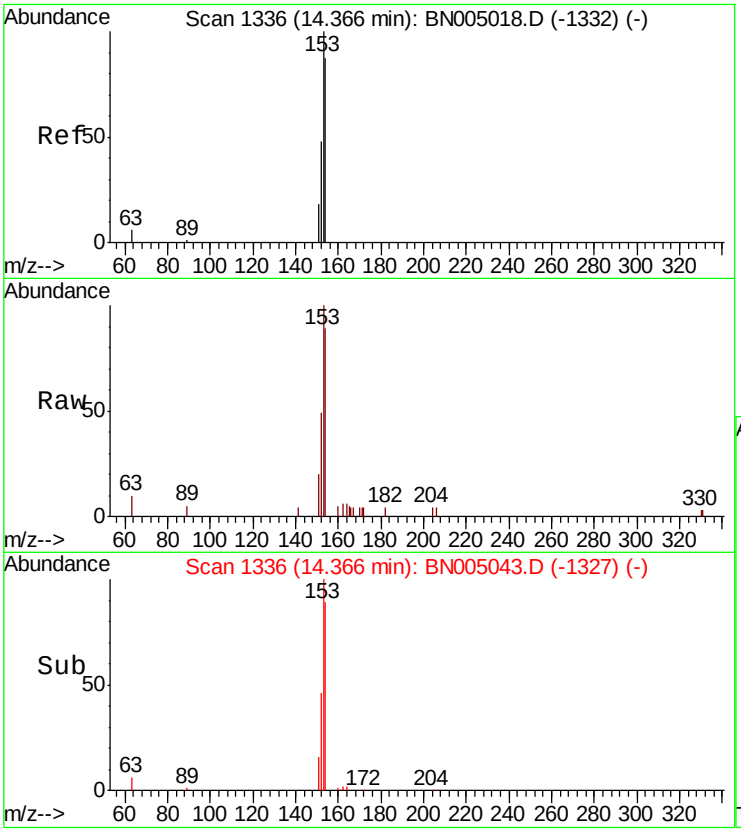


#16
Acenaphthylene
Concen: 0.003 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:152 Resp: 103

Ion	Ratio	Lower	Upper
152	100		
151	61.2	15.8	23.6#
153	25.2	10.6	15.8#



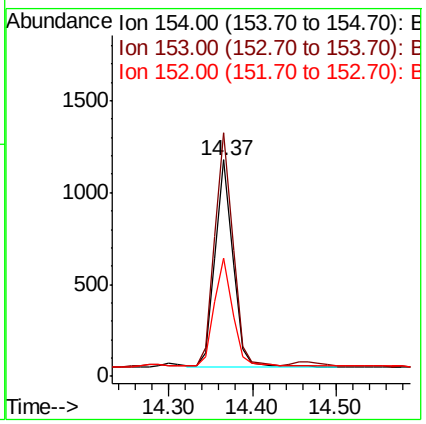


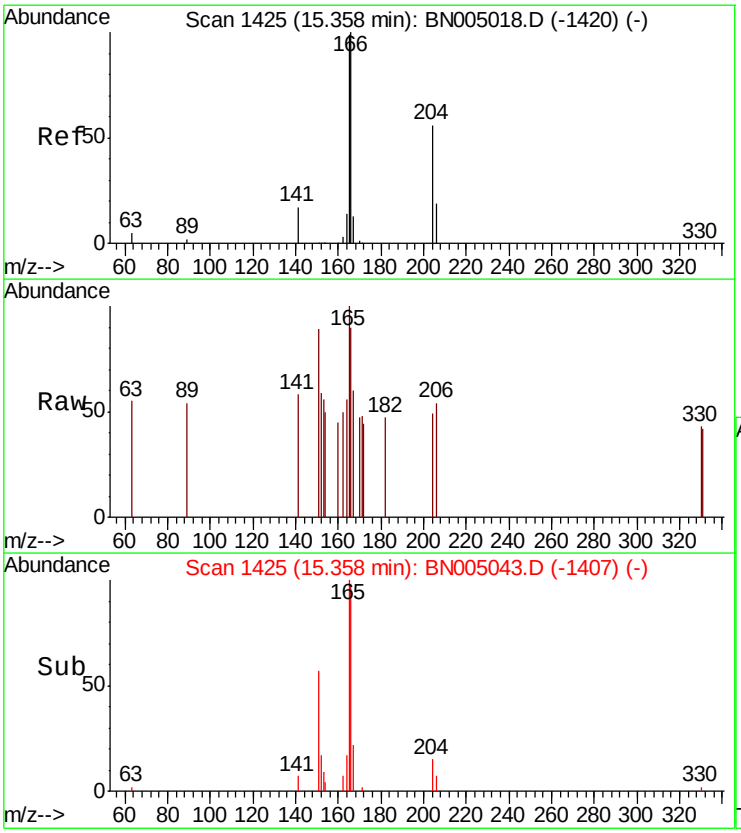
#17
Acenaphthene
Concen: 0.073 ng
RT: 14.37 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1672

Ion	Ratio	Lower	Upper
154	100		
153	114.5	92.1	138.1
152	54.7	44.2	66.2

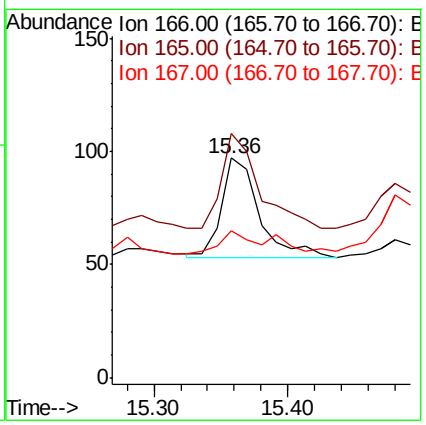


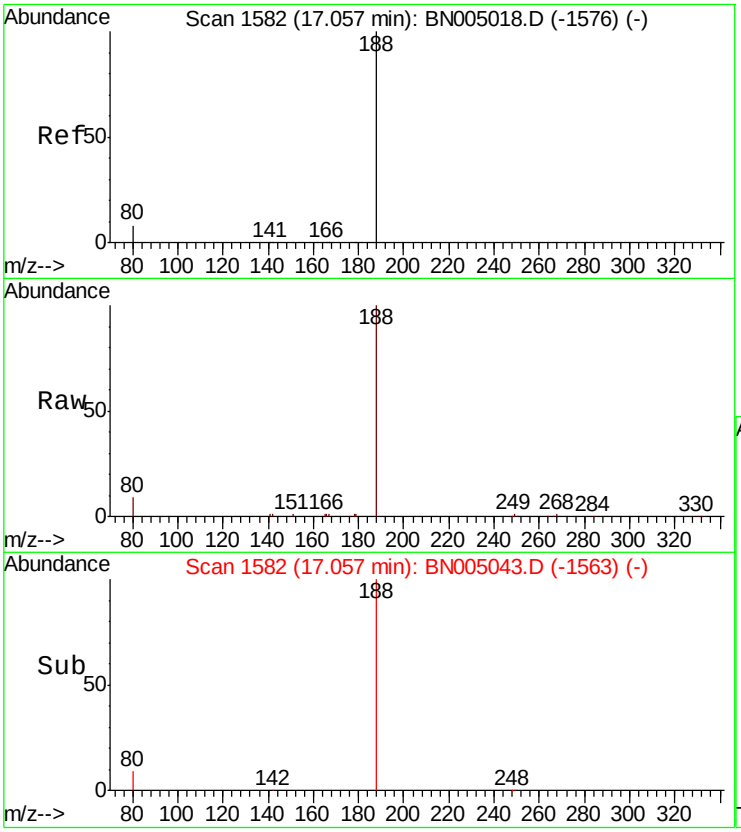


#18
Fluorene
Concen: 0.003 ng
RT: 15.36 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:166 Resp: 87

Ion	Ratio	Lower	Upper
166	100		
165	94.3	78.7	118.1
167	27.6	10.9	16.3#



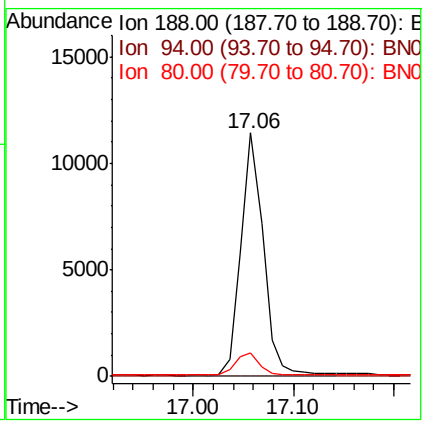


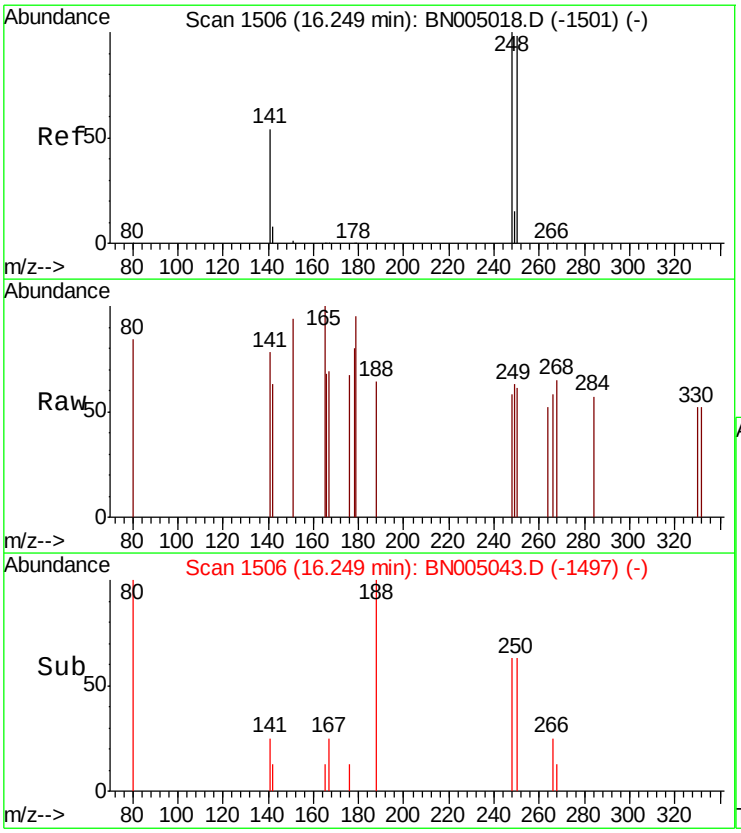
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 17702

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	6.9	10.3

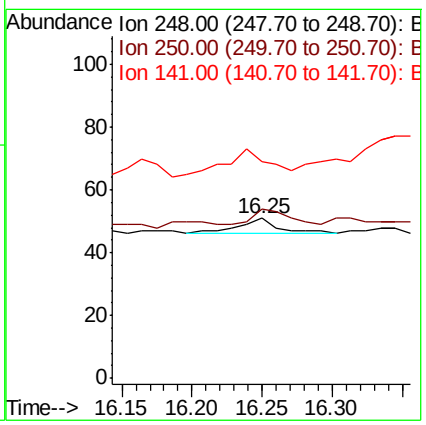


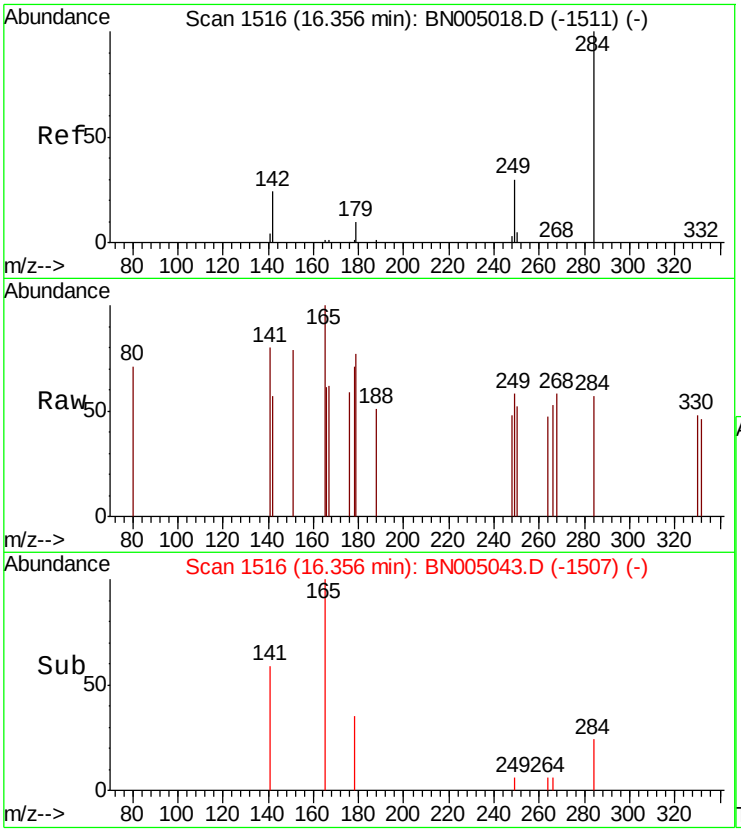


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.25 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:248 Resp: 11

Ion	Ratio	Lower	Upper
248	100		
250	105.9	78.6	117.8
141	135.3	43.6	65.4#



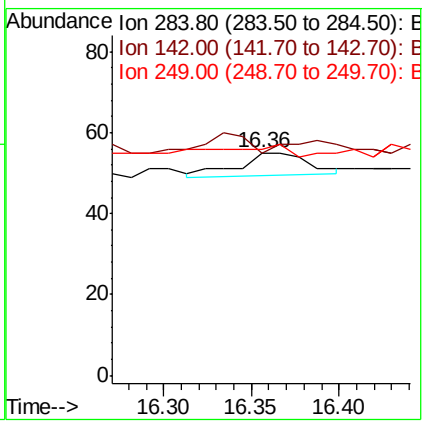


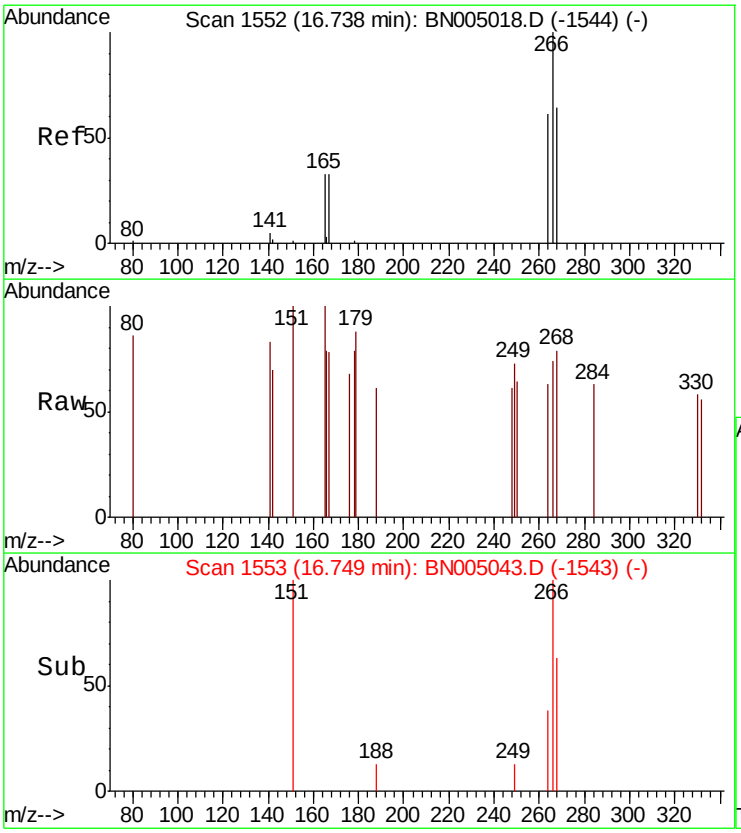
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.36 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 15

Ion	Ratio	Lower	Upper
284	100		
142	0.0	24.9	37.3#
249	0.0	23.8	35.6#

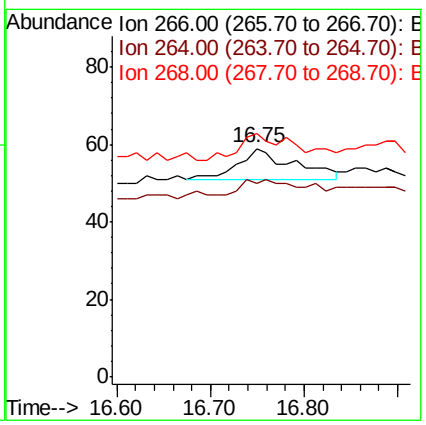


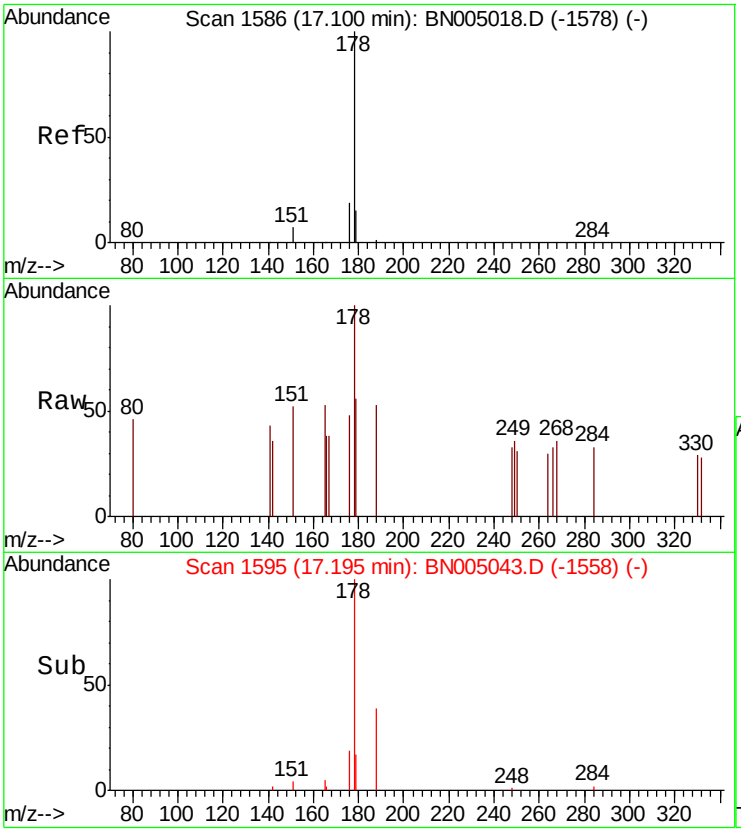


#22
Pentachlorophenol
Concen: 0.105 ng
RT: 16.75 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:266 Resp: 34

Ion	Ratio	Lower	Upper
266	100		
264	84.7	53.4	80.0#
268	106.8	58.9	88.3#



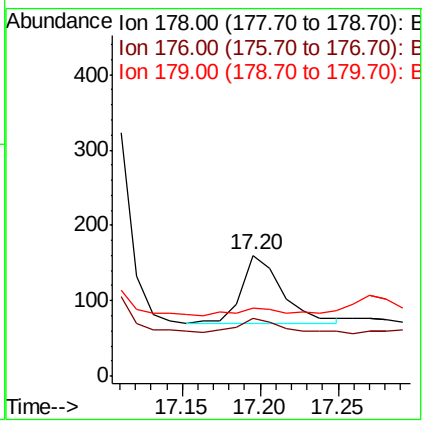


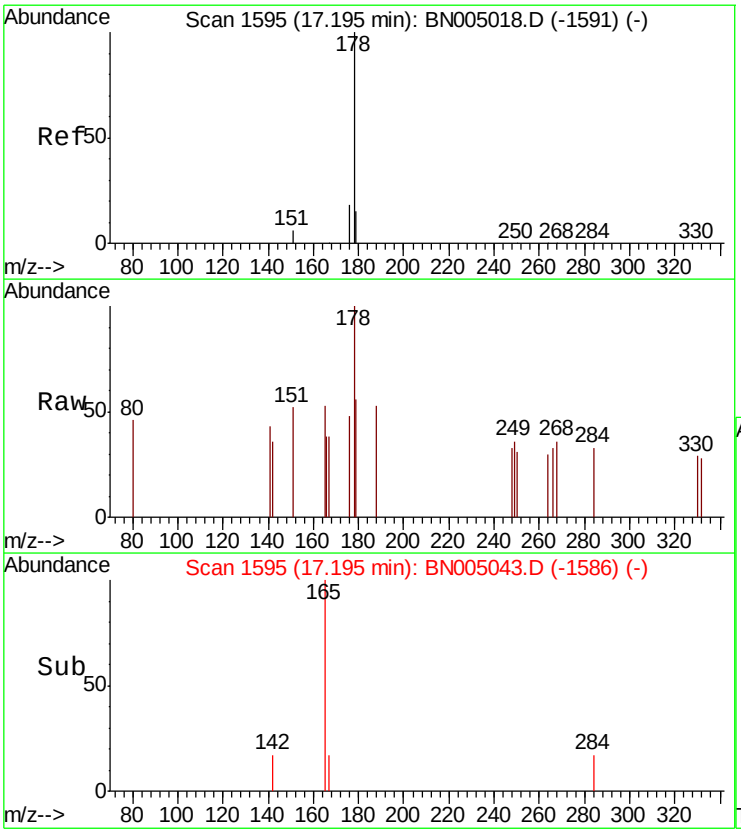
#23
Phenanthrene
Concen: 0.003 ng
RT: 17.20 min Scan# 1595
Delta R.T. 0.10 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 164

Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.1	22.7
179	17.7	12.2	18.2

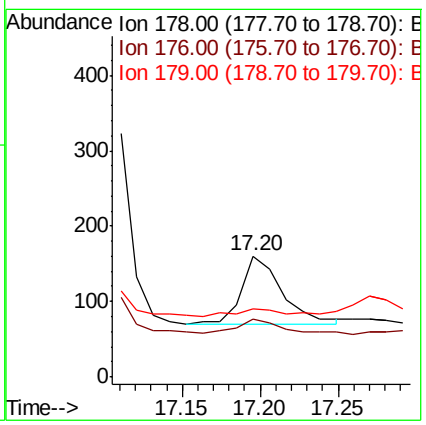


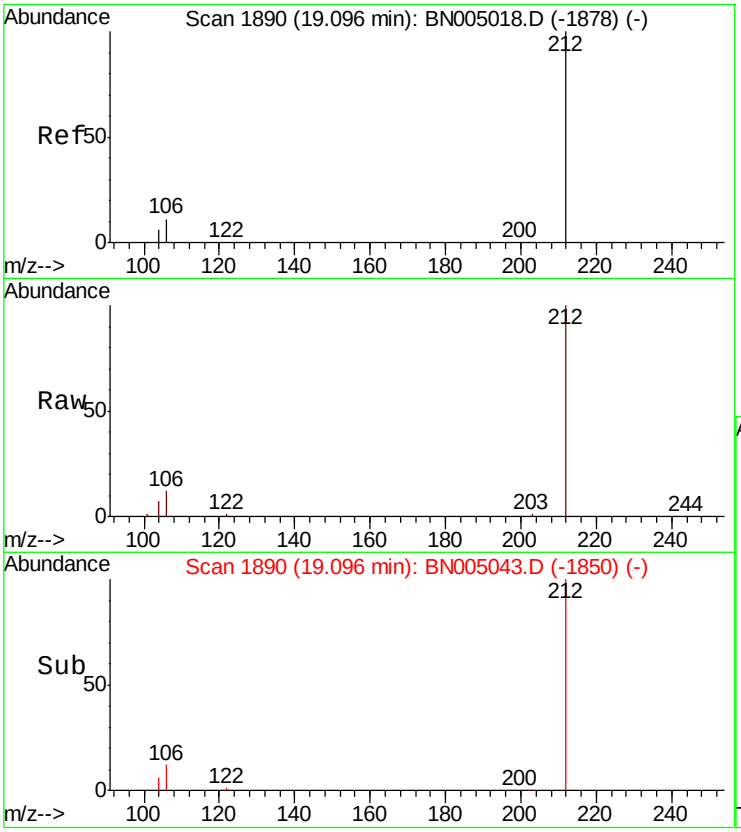


#24
Anthracene
Concen: 0.004 ng
RT: 17.20 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:178 Resp: 164

Ion	Ratio	Lower	Upper
178	100		
176	22.0	14.6	22.0
179	15.9	12.3	18.5



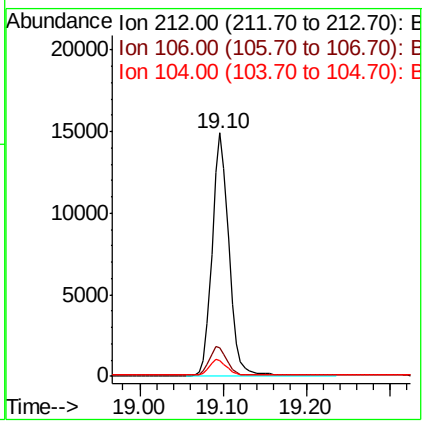


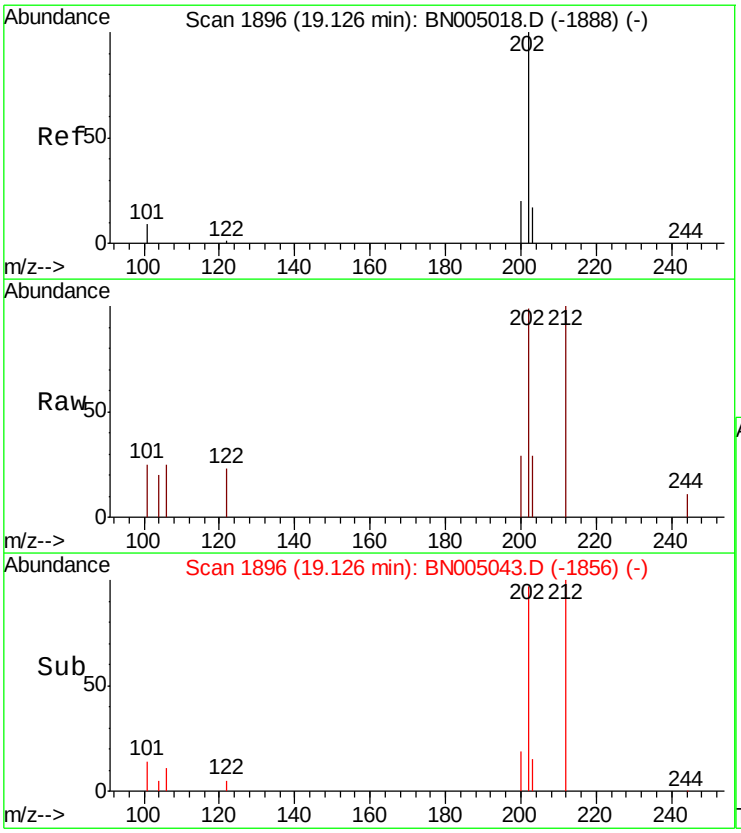
#25
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.10 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 20649

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.4	14.2
104	6.7	5.4	8.0

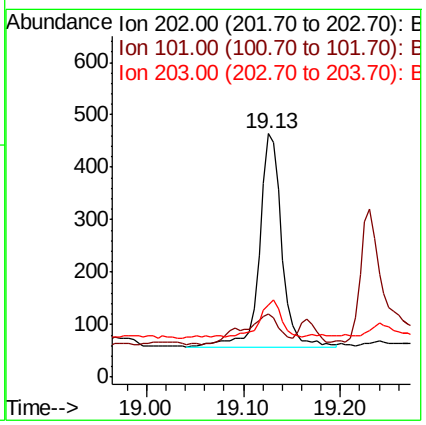


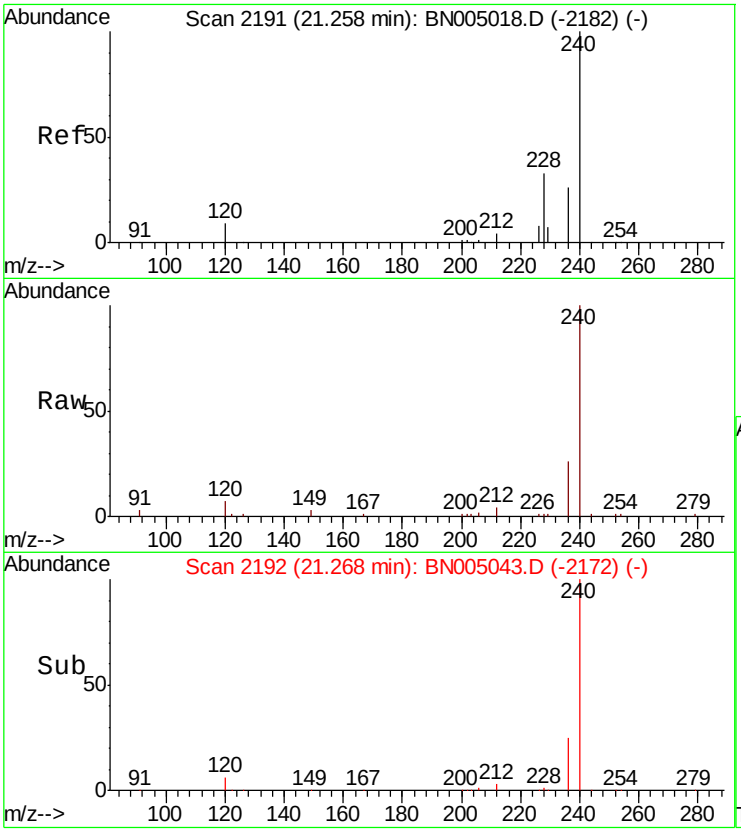


#26
Fluoranthene
Concen: 0.011 ng
RT: 19.13 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:202 Resp: 641

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.2	12.2
203	19.8	13.8	20.8



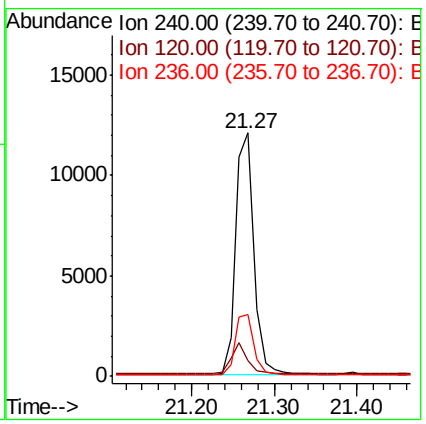


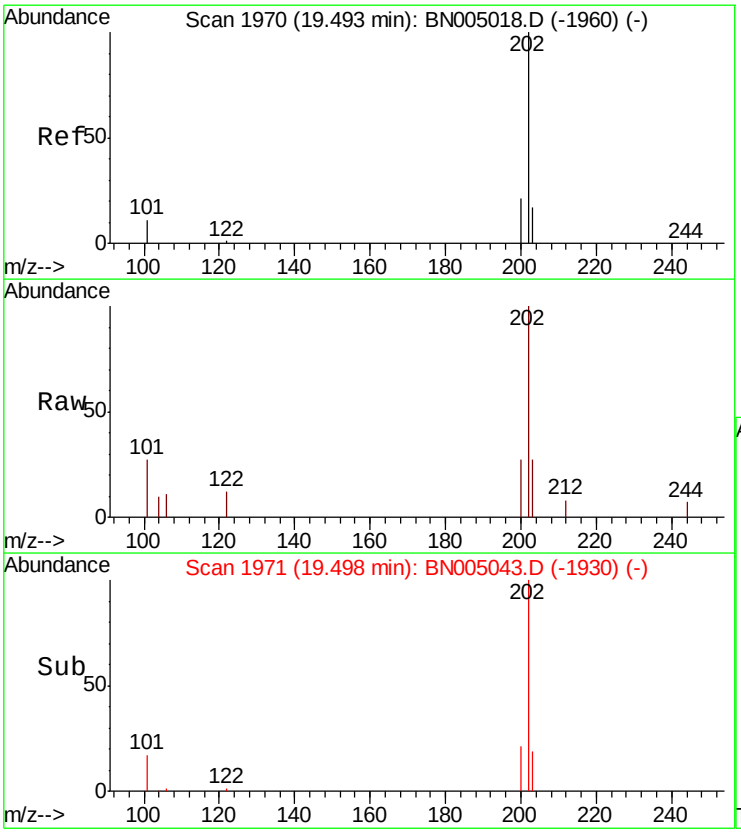
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 18798

Ion	Ratio	Lower	Upper
240	100		
120	6.6	7.4	11.0#
236	25.5	21.0	31.6

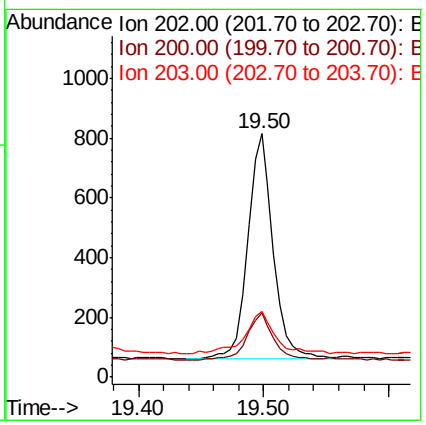


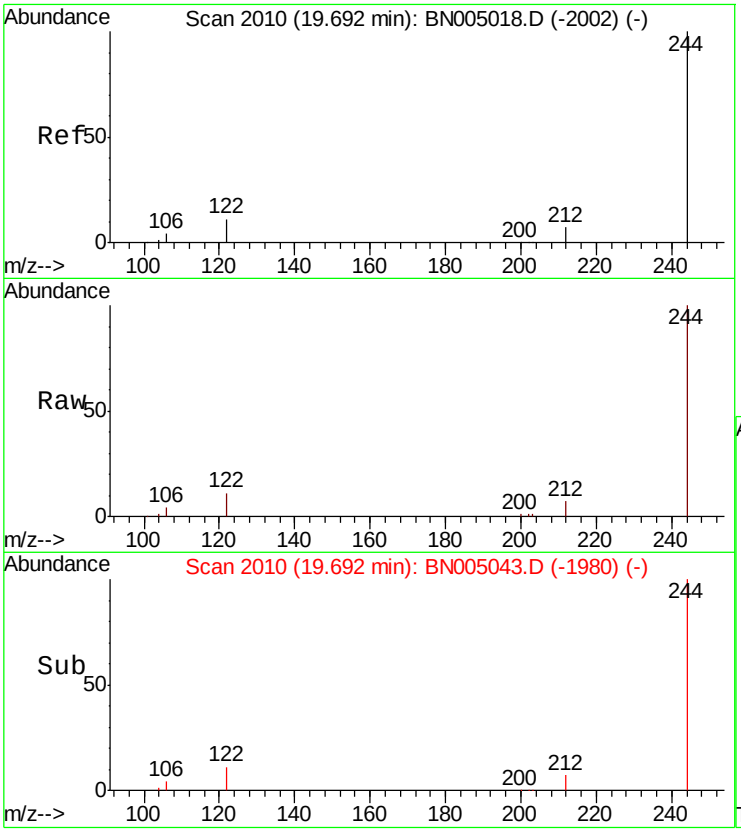


#28
Pyrene
Concen: 0.020 ng
RT: 19.50 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:202 Resp: 1064

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.5	24.7
203	21.7	13.9	20.9#



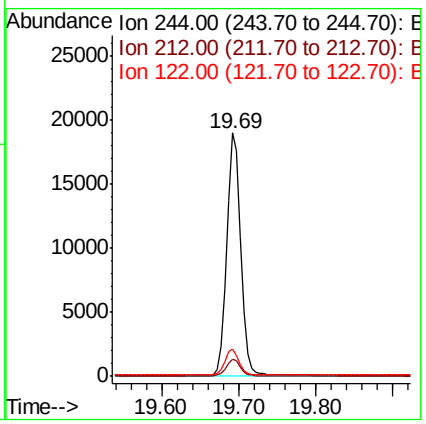


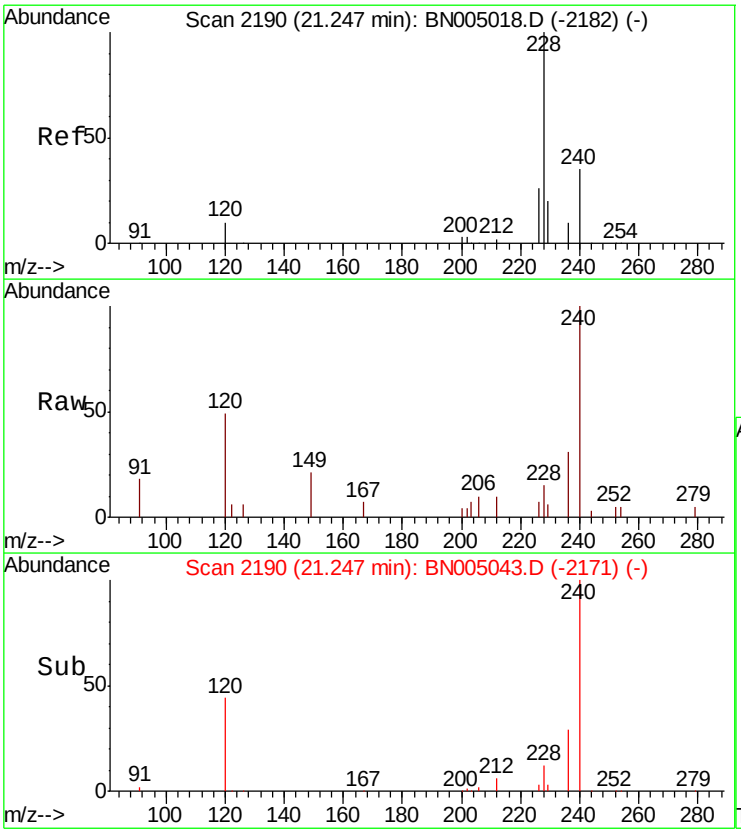
#29
Terphenyl-d14
Concen: 0.611 ng
RT: 19.69 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 23611

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.3	9.0	13.4

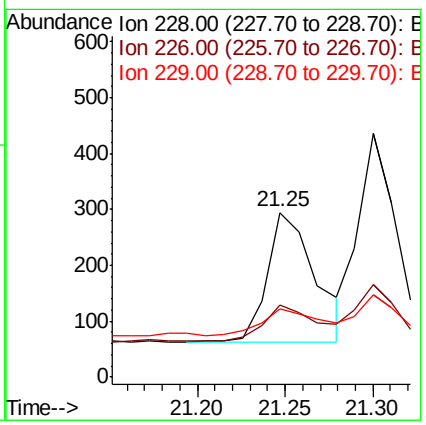


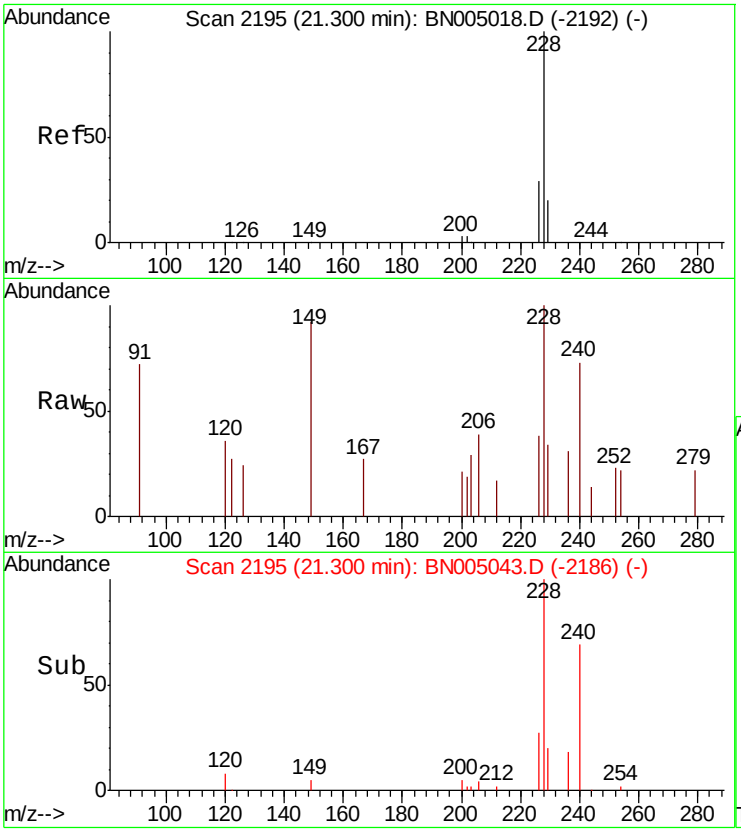


#30
Benzo(a)anthracene
Concen: 0.008 ng
RT: 21.25 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:228 Resp: 440

Ion	Ratio	Lower	Upper
228	100		
226	43.9	20.9	31.3#
229	41.8	16.2	24.2#



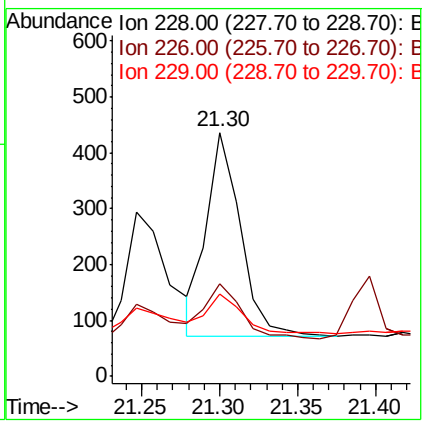


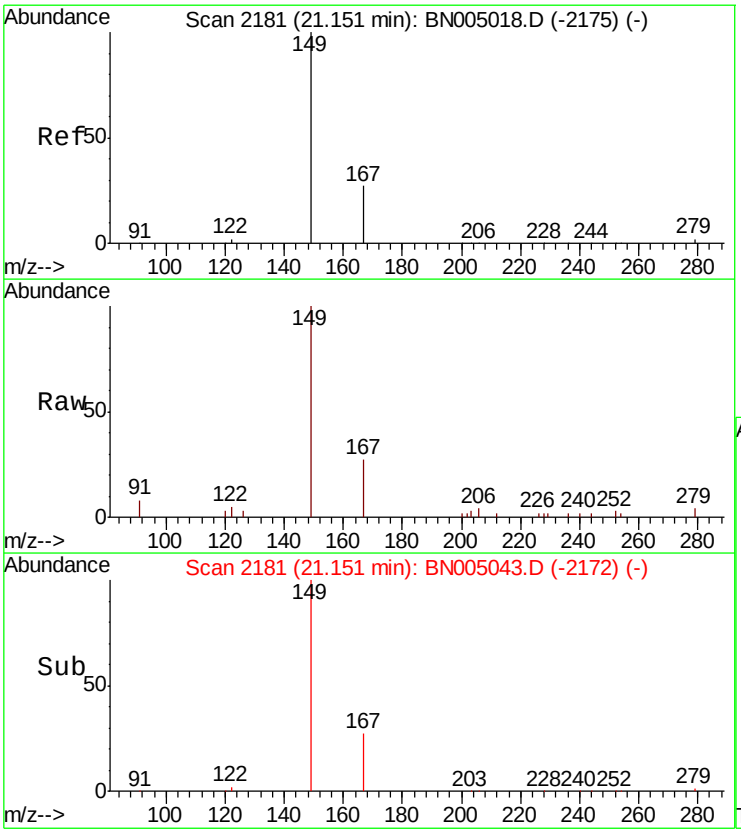
#31
Chrysene
Concen: 0.010 ng
RT: 21.30 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 556

Ion	Ratio	Lower	Upper
228	100		
226	38.1	22.8	34.2#
229	33.9	16.2	24.4#

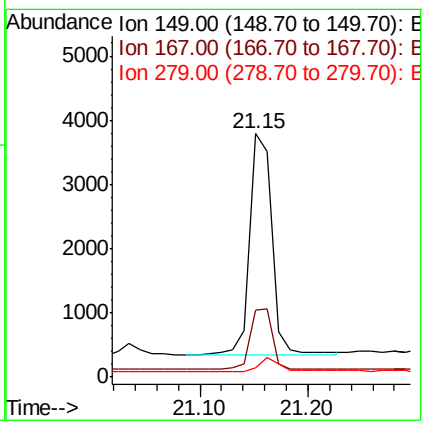


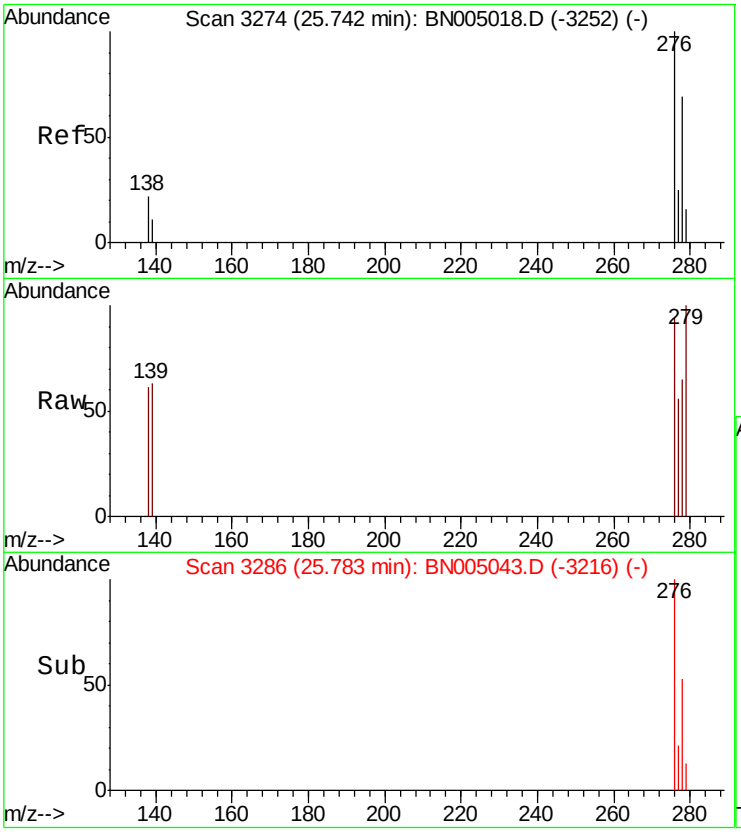


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.220 ng
RT: 21.15 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:149 Resp: 4874

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.4
279	5.5	4.2	6.4



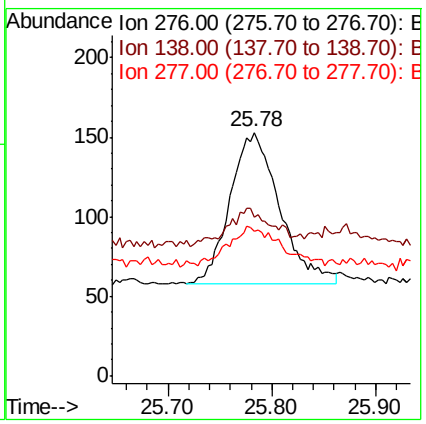


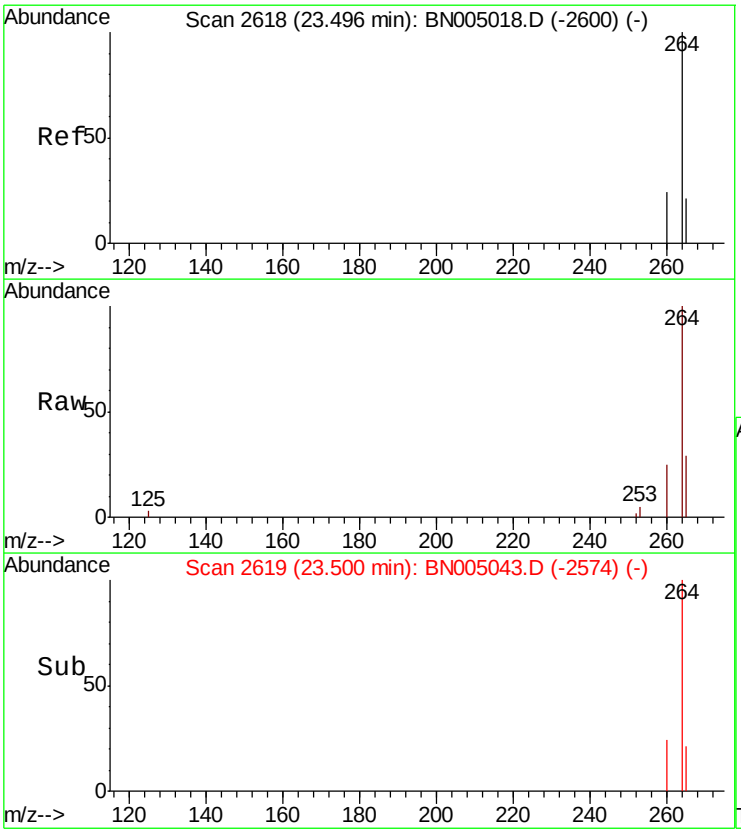
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.005 ng
RT: 25.78 min Scan# 3286
Delta R.T. 0.04 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 314

Ion	Ratio	Lower	Upper
276	100		
138	21.0	18.2	27.2
277	27.4	20.3	30.5

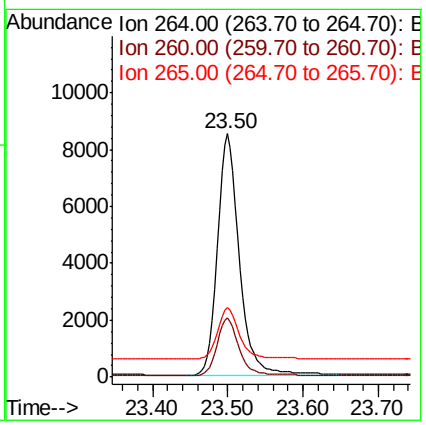


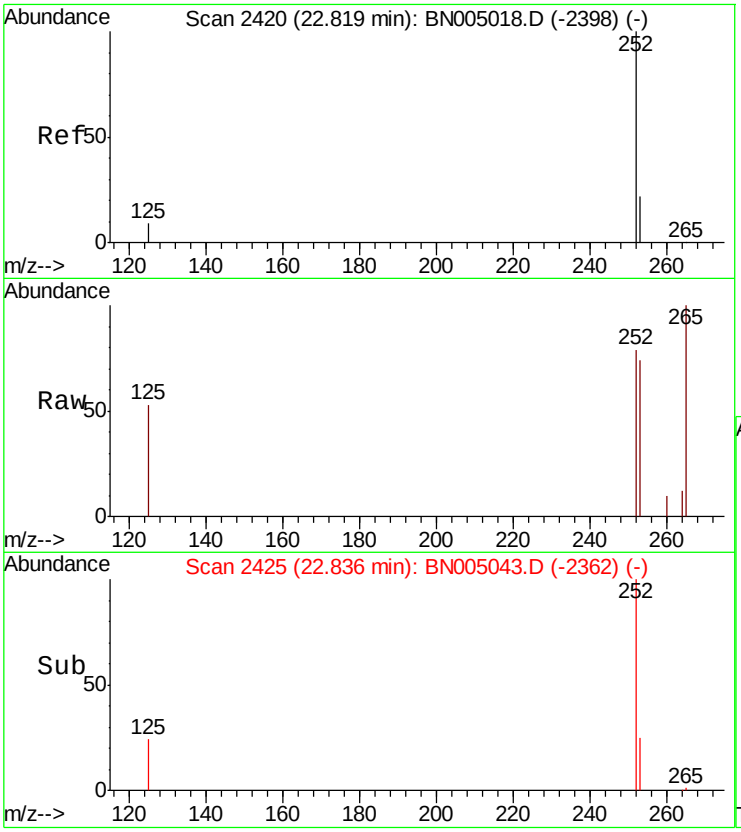


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:264 Resp: 17061

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	28.6	22.5	33.7



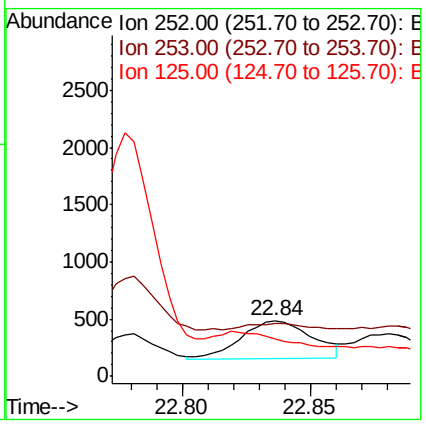


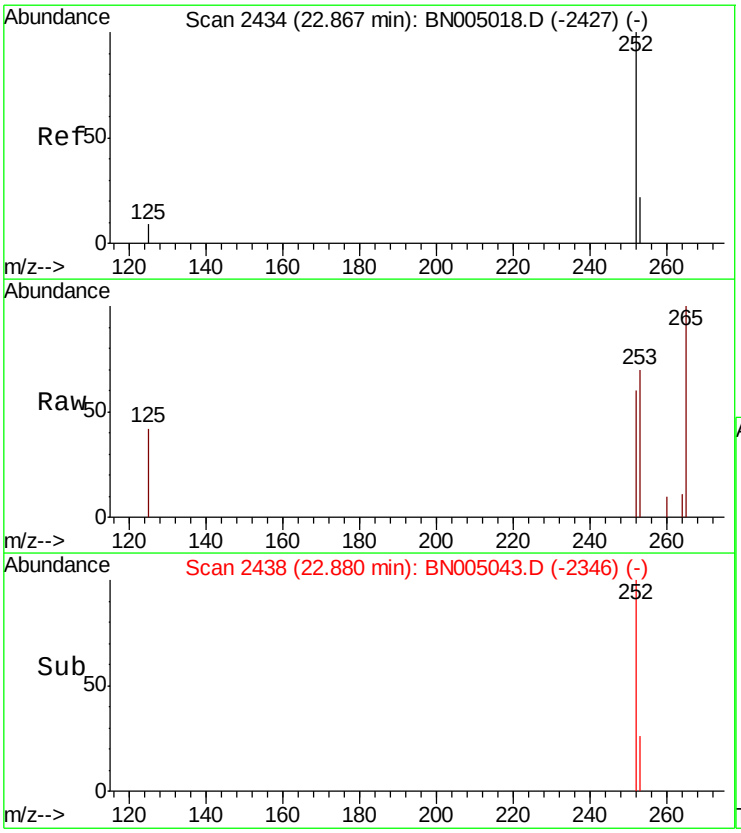
#35
Benzo(b)fluoranthene
Concen: 0.012 ng
RT: 22.84 min Scan# 2425
Delta R.T. 0.02 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 634

Ion	Ratio	Lower	Upper
252	100		
253	94.4	19.2	28.8#
125	67.4	8.2	12.2#

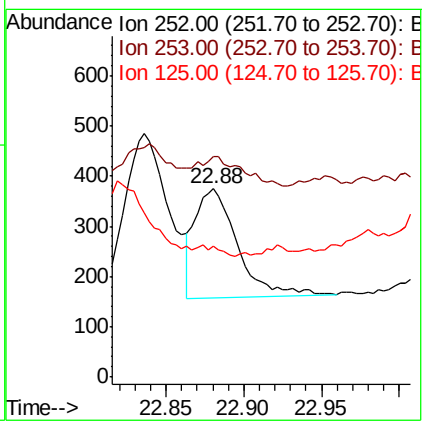


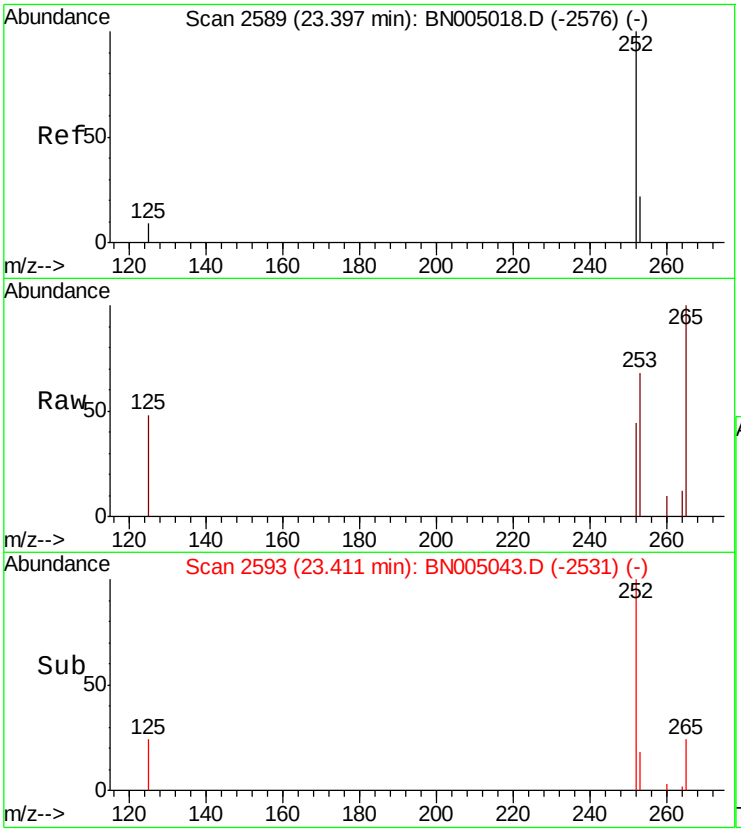


#36
Benzo(k)fluoranthene
Concen: 0.008 ng
RT: 22.88 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:252 Resp: 408

Ion	Ratio	Lower	Upper
252	100		
253	117.1	19.3	28.9#
125	69.6	8.2	12.2#



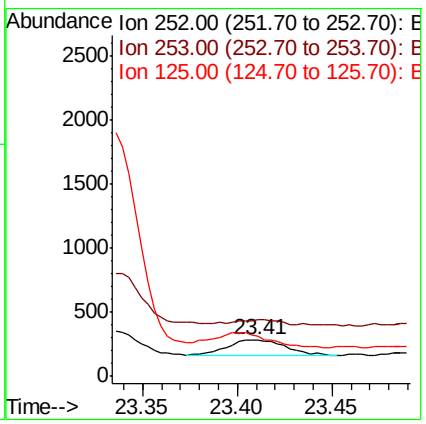


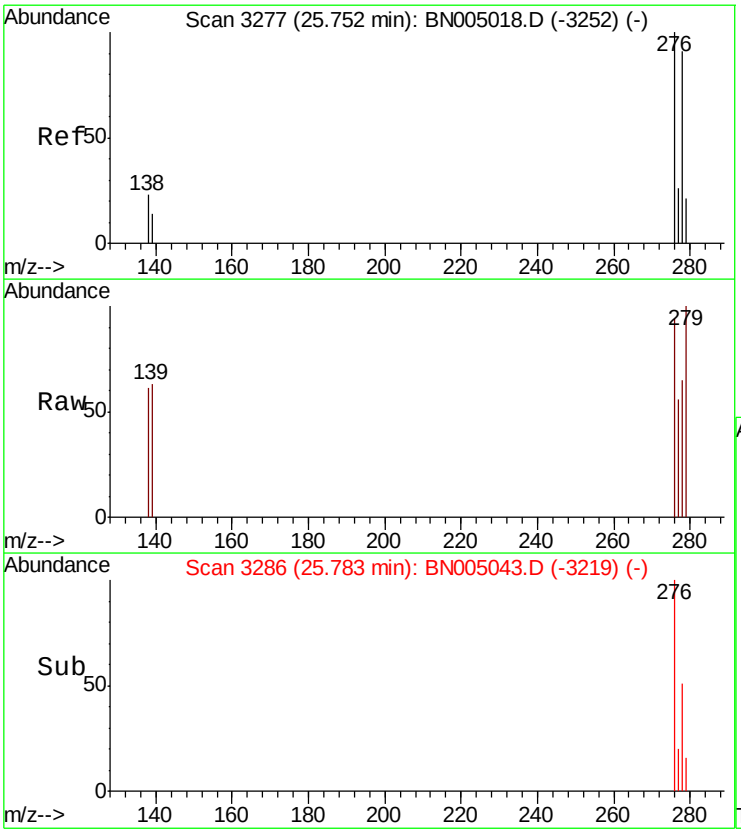
#37
Benzo(a)pyrene
Concen: 0.005 ng
RT: 23.41 min Scan# 2593
Delta R.T. 0.01 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 261

Ion	Ratio	Lower	Upper
252	100		
253	154.5	20.2	30.2#
125	109.1	9.2	13.8#

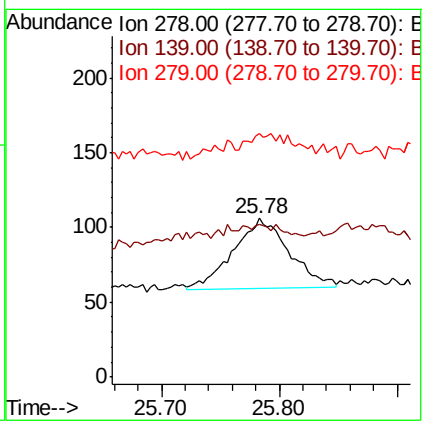


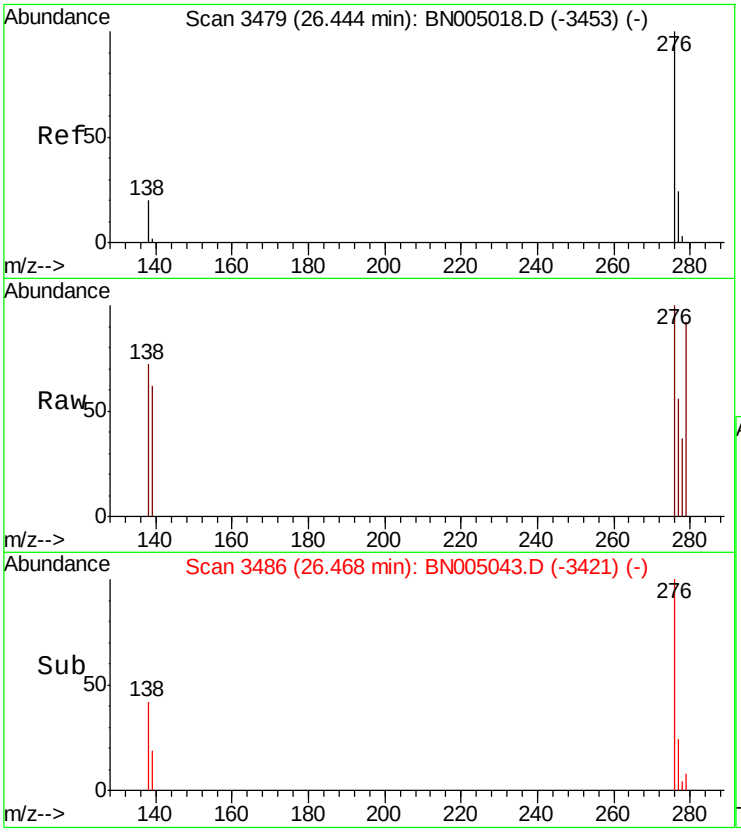


#38
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 25.78 min Scan# 3286
Delta R.T. 0.03 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:278 Resp: 155

Ion	Ratio	Lower	Upper
278	100		
139	96.2	13.1	19.7#
279	153.8	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.010 ng
RT: 26.47 min Scan# 3486
Delta R.T. 0.02 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 488

Ion	Ratio	Lower	Upper
276	100		
277	56.5	19.8	29.6#
138	72.3	16.4	24.6#