Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006625.D
Acq On : 28 Jun 2019 22:10
Operator : HP/JU
Sample : K3427-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : KY038PS027-190617

Quant Time: Jun 29 01:13:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4188	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	17707	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	11984	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	28093	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	28261	0.40	ng		-0.02
34) Perylene-d12	23.48	264	27385	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	1376	0.13	ng		0.00
5) Phenol-d6	6.82	99	1268	0.09	ng		0.00
8) Nitrobenzene-d5	8.81	82	4699	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	12.00	152	10011	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1936	0.34	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	25238	0.57	ng		-0.01
25) Fluoranthene-d10	19.07	212	30901	0.37	ng		0.00
29) Terphenyl-d14	19.68	244	29328	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	563	0.097	ng	#	9
3) n-Nitrosodimethylamine	3.55	42	87	0.019	ng	#	1
6) bis(2-Chloroethyl)ether	7.05	93	36	0.003	ng	#	20
9) Naphthalene	10.45	128	370	0.008	ng	#	26
10) Hexachlorobutadiene	10.72	225	18	0.002	ng	#	82
12) 2-Methylnaphthalene	12.08	142	169	0.005	ng	#	56
16) Acenaphthylene	13.99	152	316	0.006	ng	#	64
17) Acenaphthene	14.33	154	117	0.003	ng	#	85
18) Fluorene	15.34	166	227	0.005	ng	#	97
20) 4-Bromophenyl-phenylether	16.22	248	35	0.002	ng	#	13
21) Hexachlorobenzene	16.35	284	79	0.004	ng	#	66
22) Pentachlorophenol	16.73	266	46	0.202	ng	#	74
23) Phenanthrene	17.16	178	1512	0.019	ng		95
24) Anthracene	17.16	178	1485	0.021	ng		94
26) Fluoranthene	19.11	202	647	0.007	ng	#	76
28) Pyrene	19.47	202	665	0.007	ng		97
30) Benzo(a)anthracene	21.24	228	541	0.006	ng	#	37
31) Chrysene	21.29	228	441	0.004	ng	#	46
32) Bis(2-ethylhexyl)phthalate	21.15	149	5144	0.111	ng		100
33) Indeno(1,2,3-cd)pyrene	25.72	276	374	0.004	ng		96
35) Benzo(b)fluoranthene	22.82	252	717	0.008	ng	#	1
36) Benzo(k)fluoranthene	22.86	252	520	0.005	ng	#	1
37) Benzo(a)pyrene	23.38	252	287	0.003	ng	#	1
38) Dibenzo(a,h)anthracene	25.72	278	292	0.004	ng	#	1
39) Benzo(g,h,i)perylene	26.40	276	344	0.005	ng	#	1

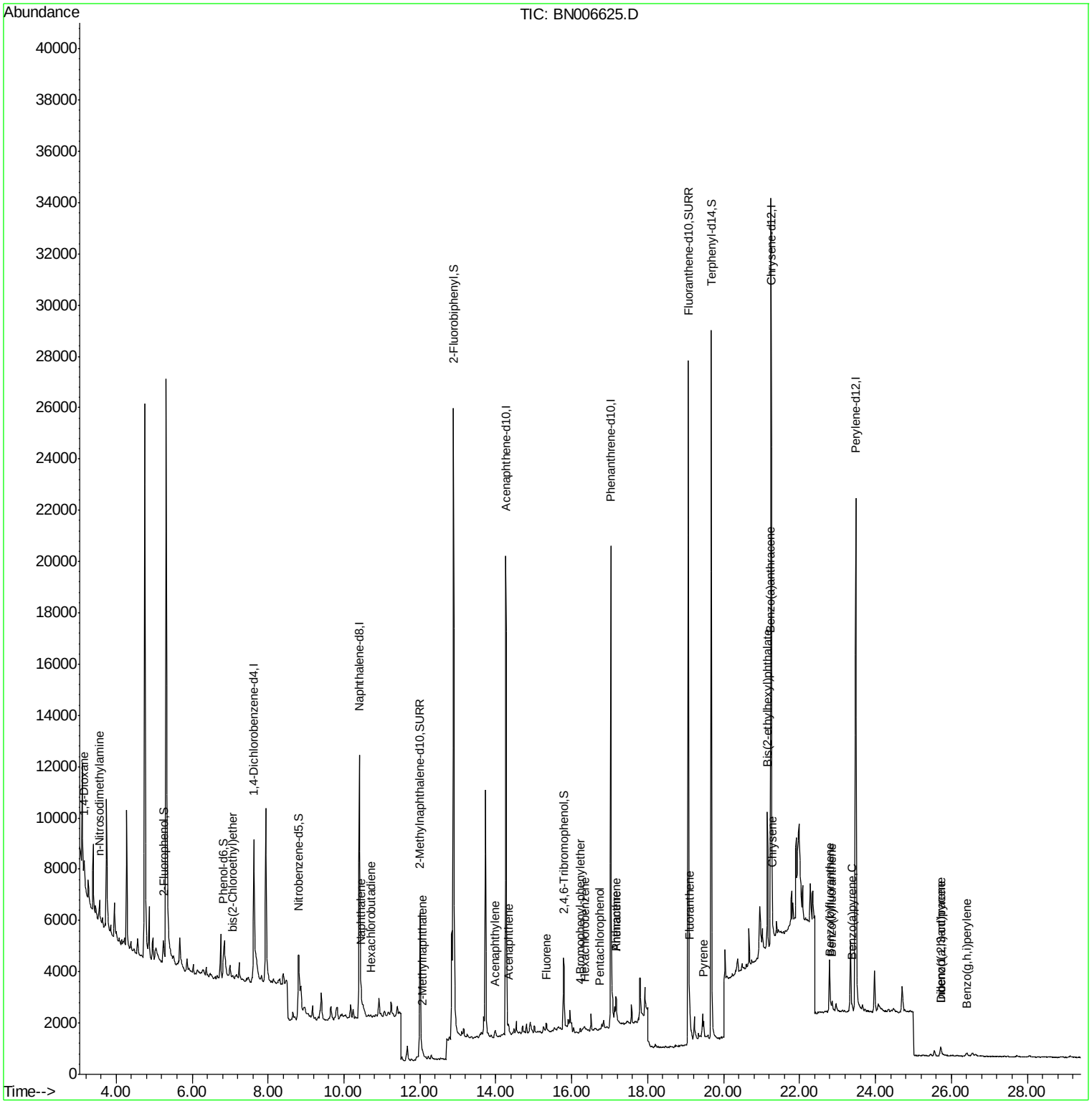
(#) = qualifier out of range (m) = manual integration (+) = signals summed

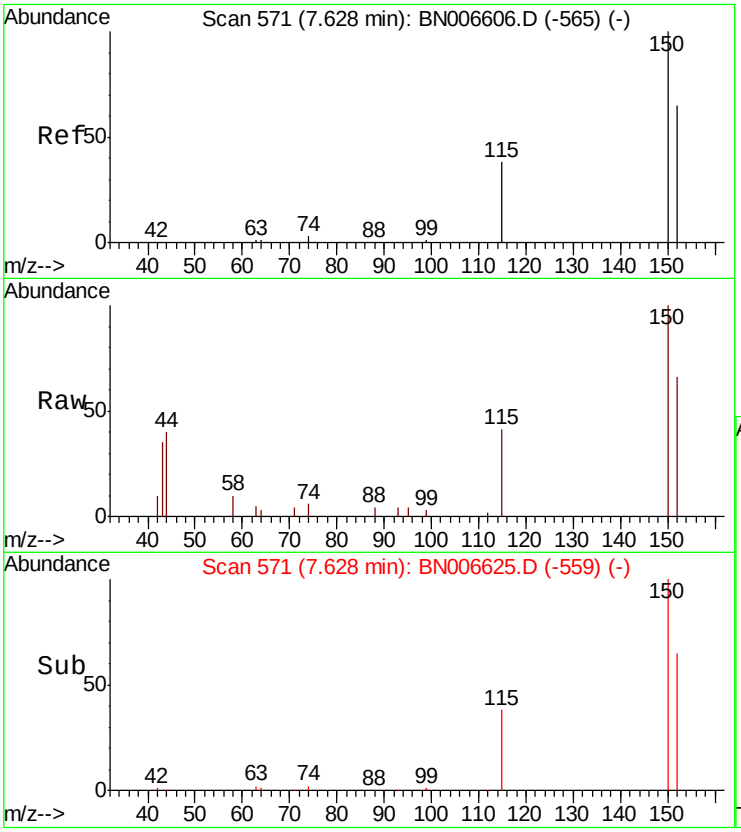
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006625.D
Acq On : 28 Jun 2019 22:10
Operator : HP/JU
Sample : K3427-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Quant Time: Jun 29 01:13:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



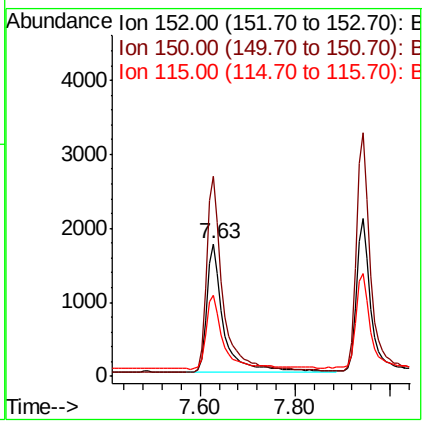


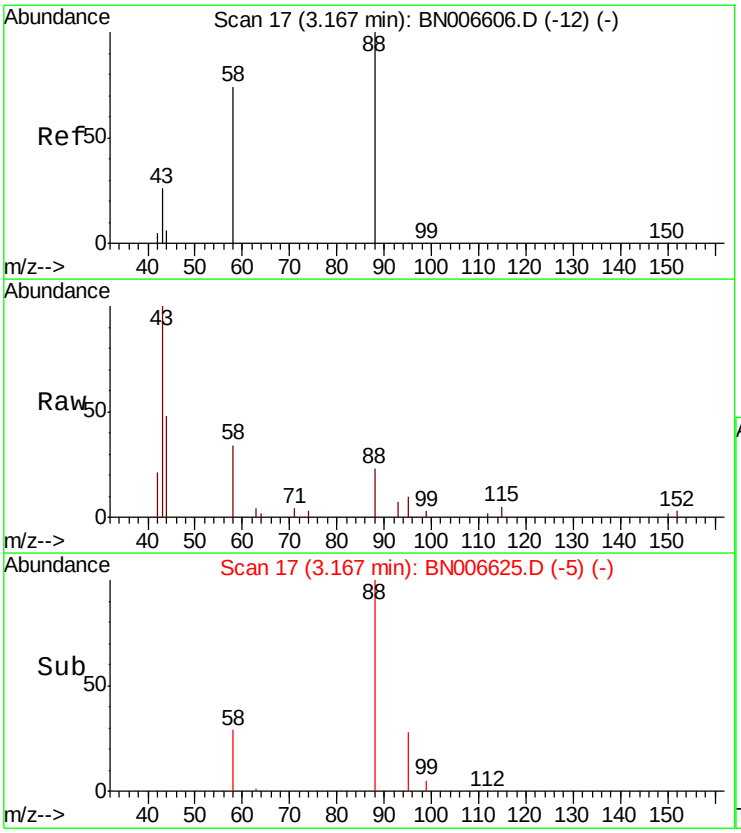
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:152 Resp: 4188

Ion	Ratio	Lower	Upper
152	100		
150	151.4	122.2	183.2
115	61.5	50.0	75.0

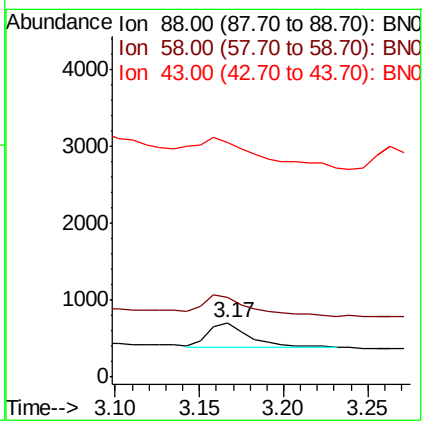


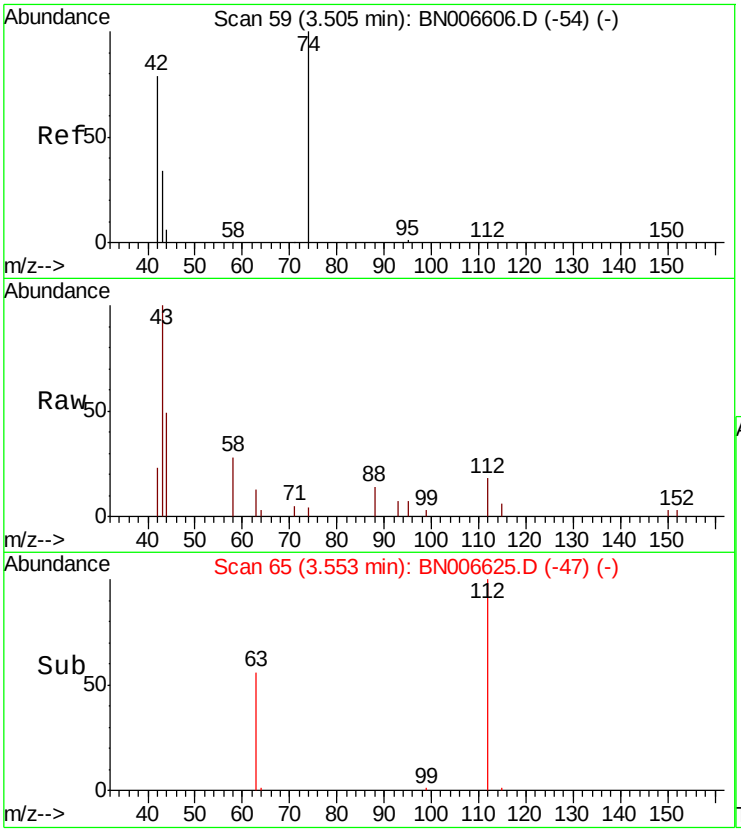


#2
1,4-Dioxane
Concen: 0.097 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion: 88 Resp: 563

Ion	Ratio	Lower	Upper
88	100		
58	95.0	62.5	93.7#
43	180.5	25.4	38.0#



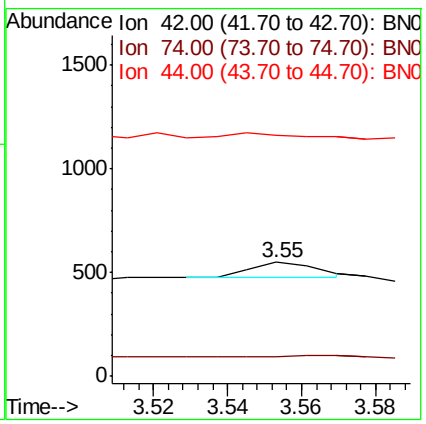


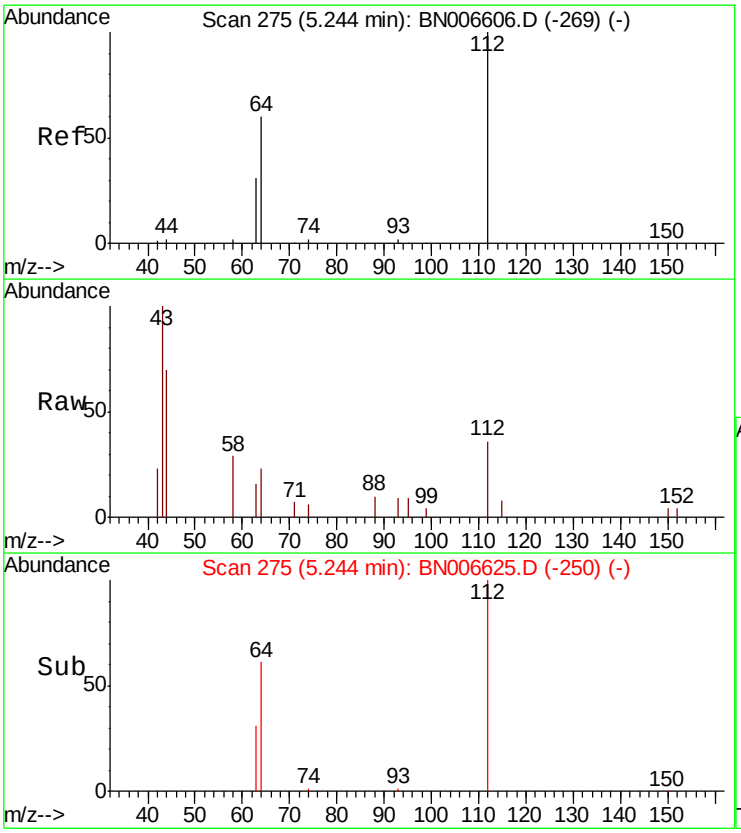
#3
n-Nitrosodimethylamine
Concen: 0.019 ng
RT: 3.55 min Scan# 65
Delta R.T. 0.05 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion: 42 Resp: 87

Ion	Ratio	Lower	Upper
42	100		
74	11.5	103.1	154.7#
44	26.4	3.4	5.2#

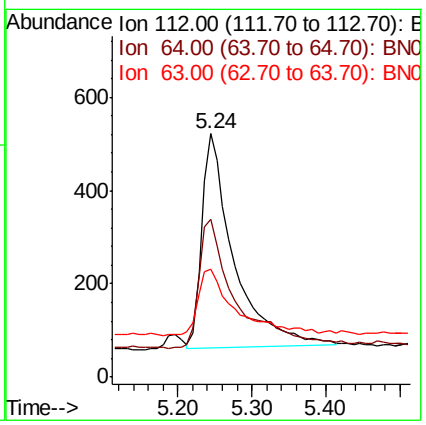


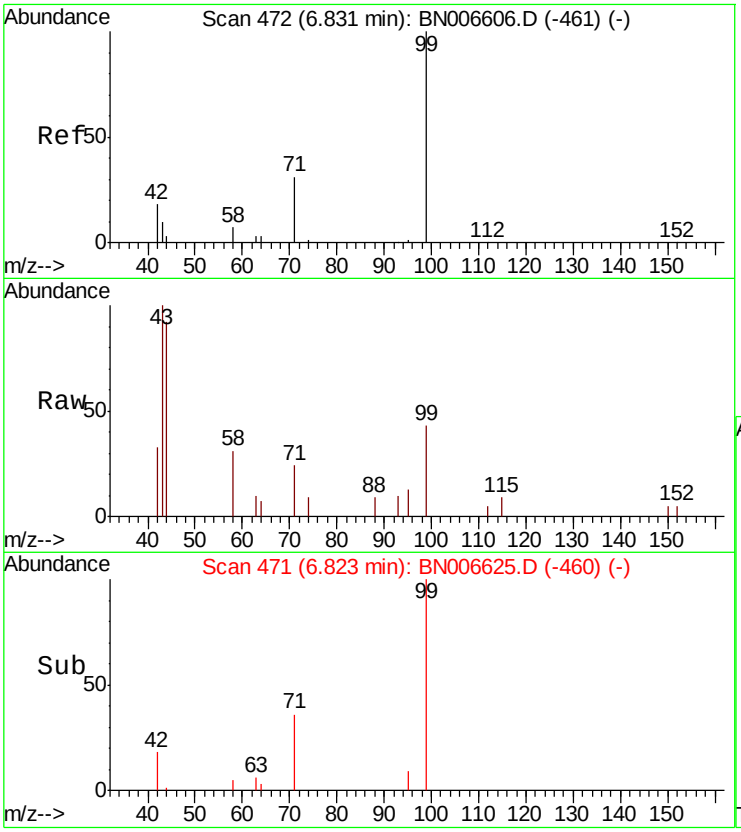


#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.24 min Scan# 275
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:112 Resp: 1376

Ion	Ratio	Lower	Upper
112	100		
64	70.5	48.9	73.3
63	37.9	24.3	36.5#



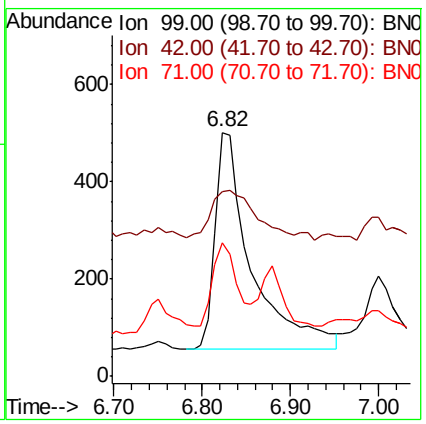


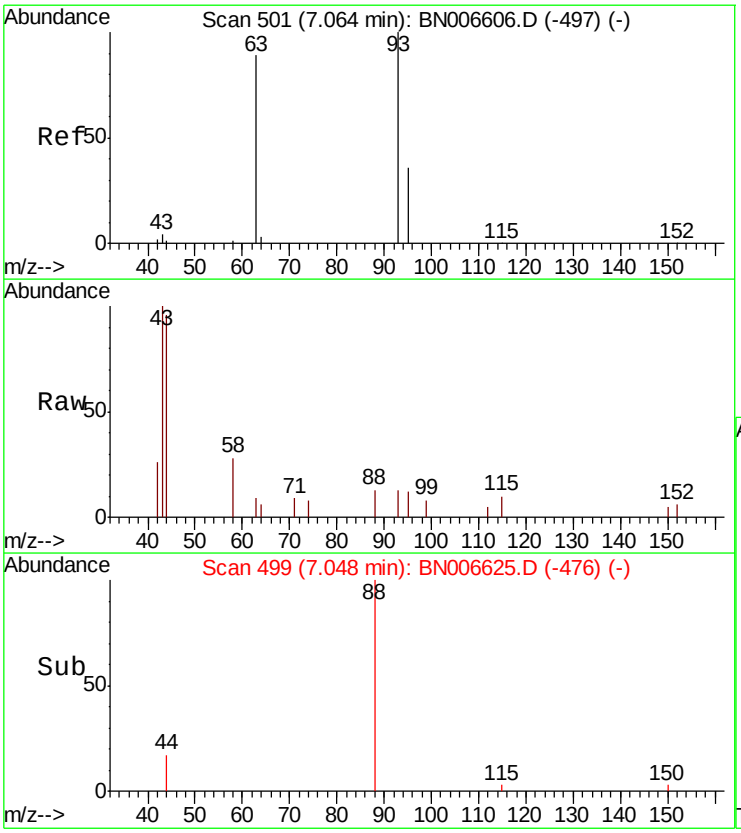
#5
Phenol-d6
Concen: 0.093 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion: 99 Resp: 1268

Ion	Ratio	Lower	Upper
99	100		
42	30.4	16.4	24.6#
71	25.8	26.6	40.0#

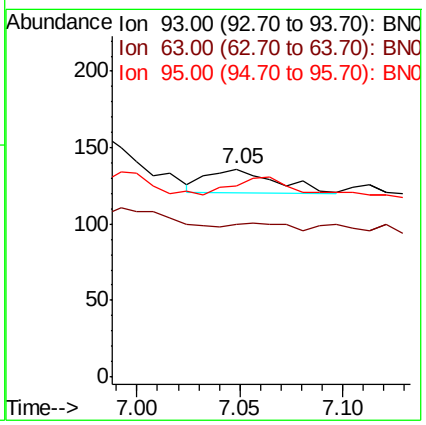


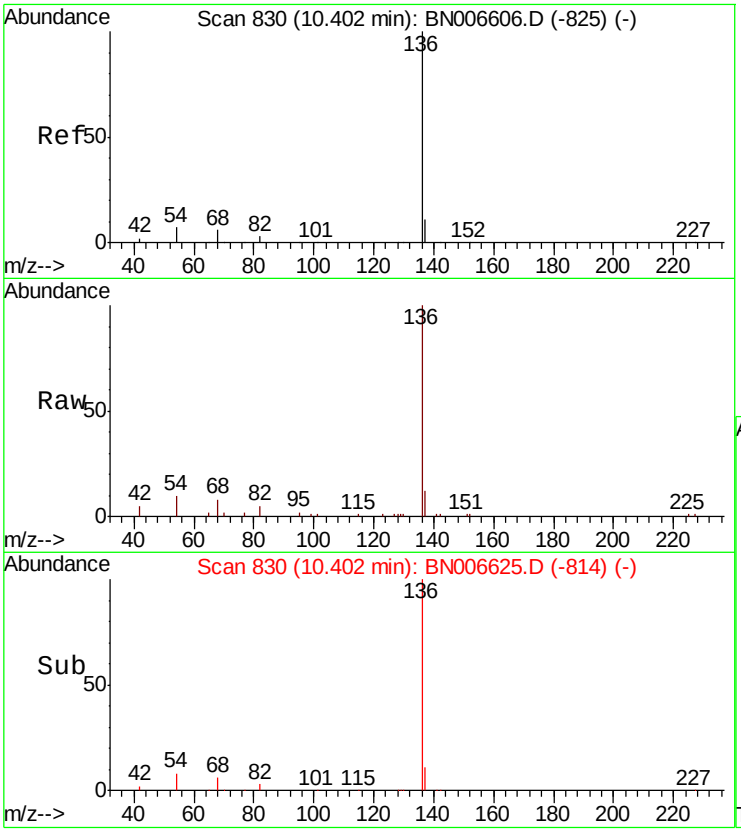


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.05 min Scan# 499
Delta R.T. -0.02 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion: 93 Resp: 36

Ion	Ratio	Lower	Upper
93	100		
63	22.2	52.5	78.7#
95	102.8	24.2	36.4#



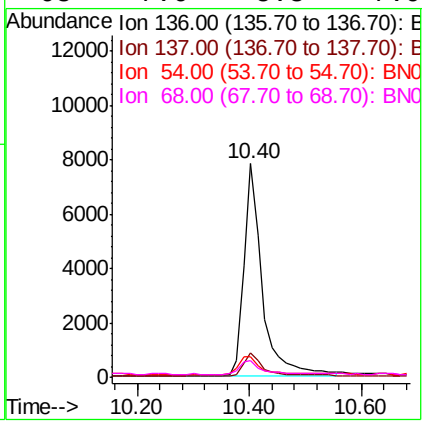


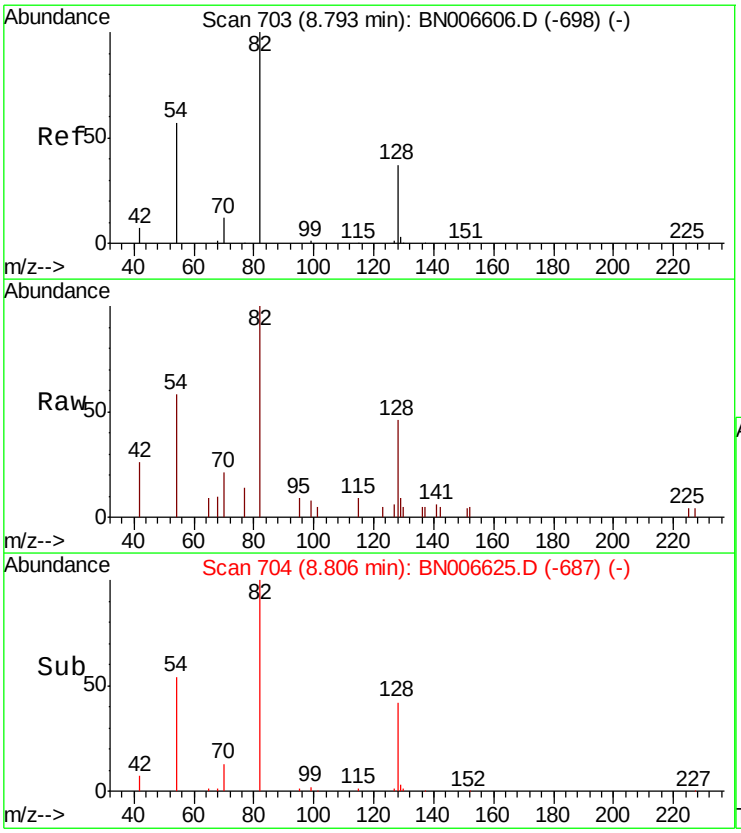
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:136 Resp: 17707

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	9.5	6.7	10.1
68	7.6	5.3	7.9

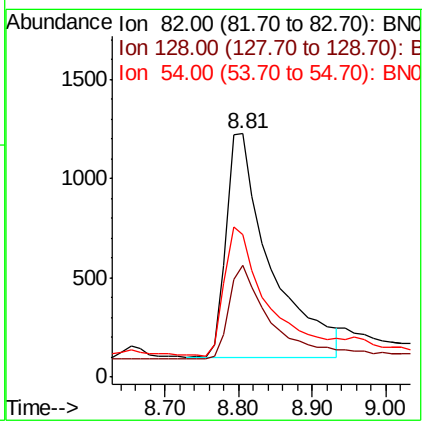


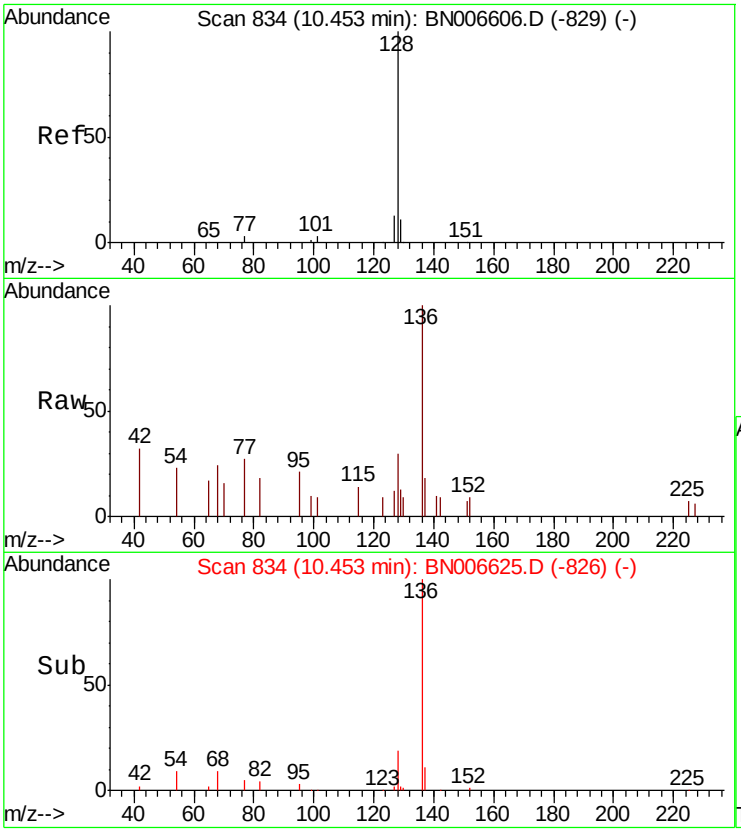


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.81 min Scan# 704
Delta R.T. 0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion: 82 Resp: 4699

Ion	Ratio	Lower	Upper
82	100		
128	45.8	32.6	49.0
54	58.4	48.2	72.4



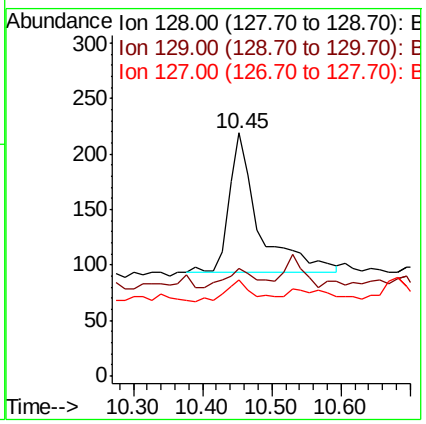


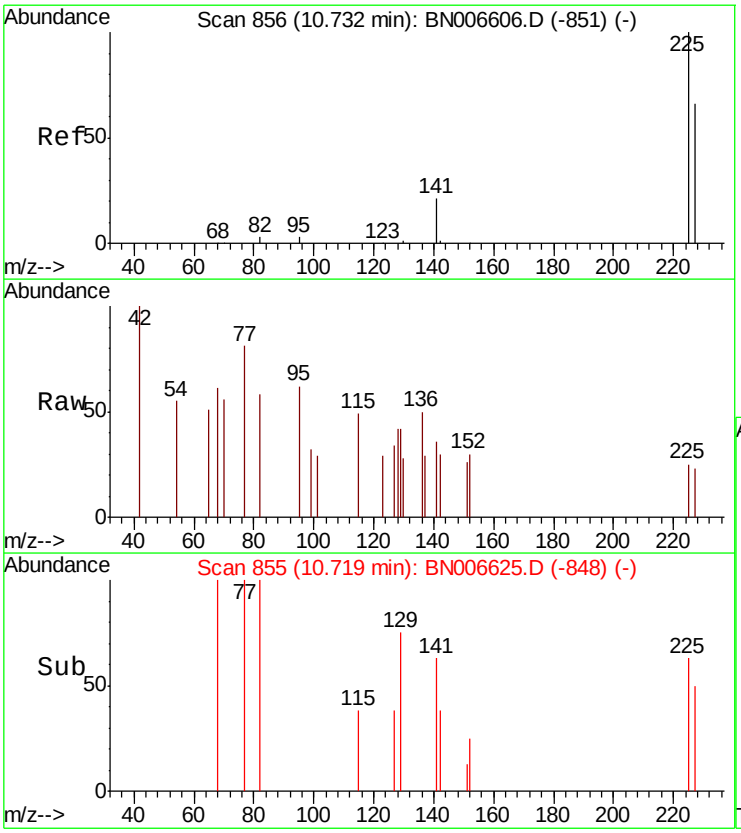
#9
Naphthalene
Concen: 0.008 ng
RT: 10.45 min Scan# 834
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:128 Resp: 370

Ion	Ratio	Lower	Upper
128	100		
129	44.3	9.3	13.9#
127	39.3	10.8	16.2#

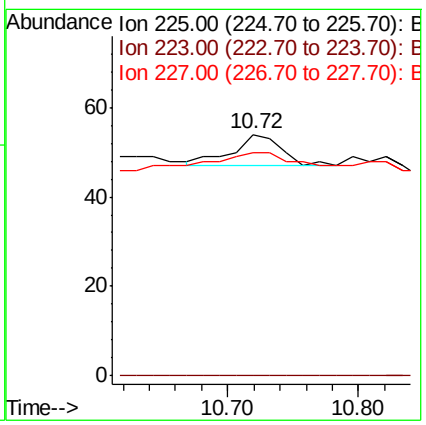


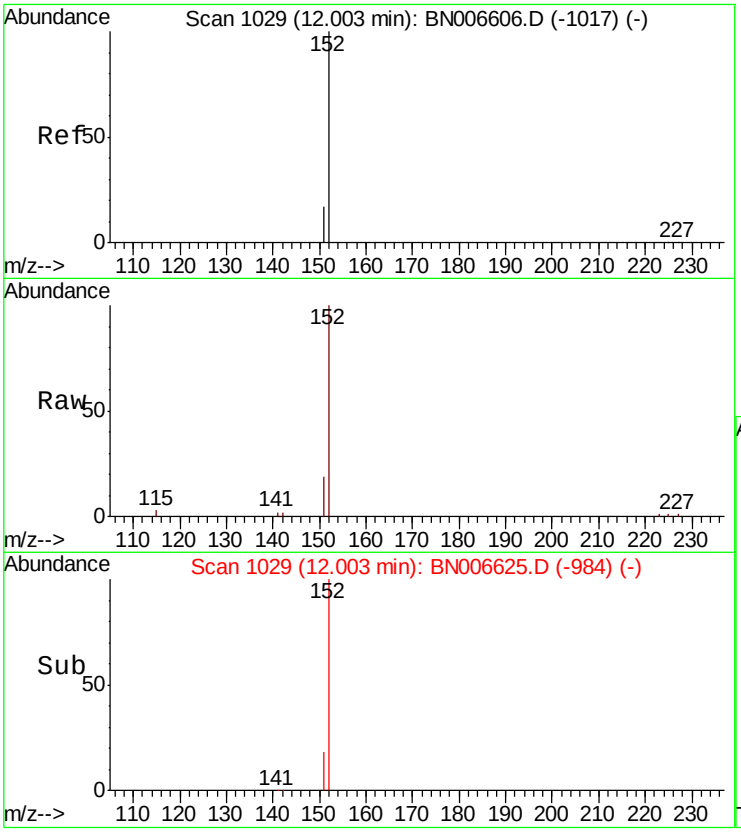


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:225 Resp: 18

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	50.0	51.4	77.2#



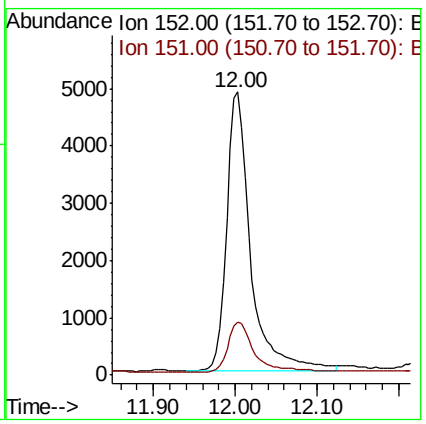


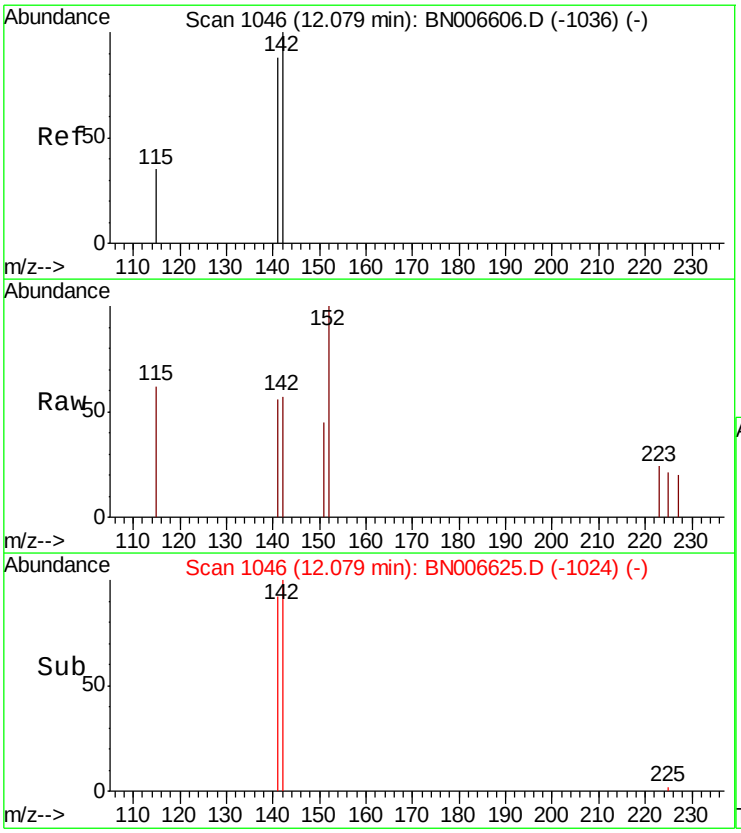
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.00 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:152 Resp: 10011

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.0	22.4

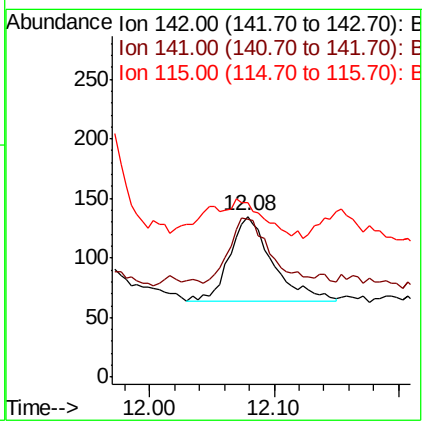


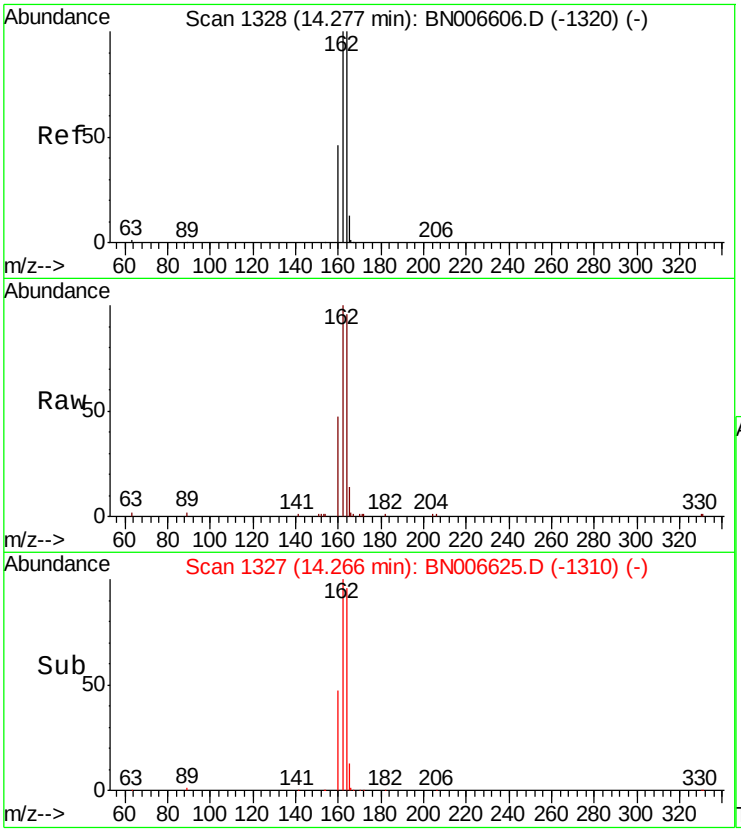


#12
2-Methylnaphthalene
Concen: 0.005 ng
RT: 12.08 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:142 Resp: 169

Ion	Ratio	Lower	Upper
142	100		
141	97.8	70.2	105.4
115	108.9	28.5	42.7#



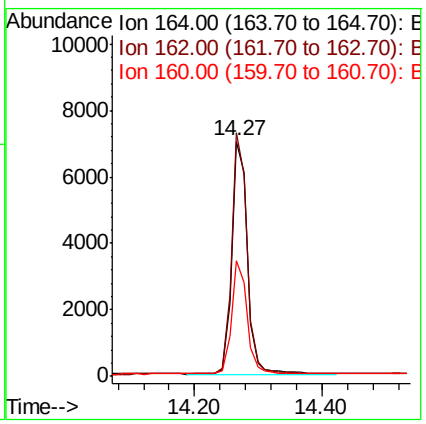


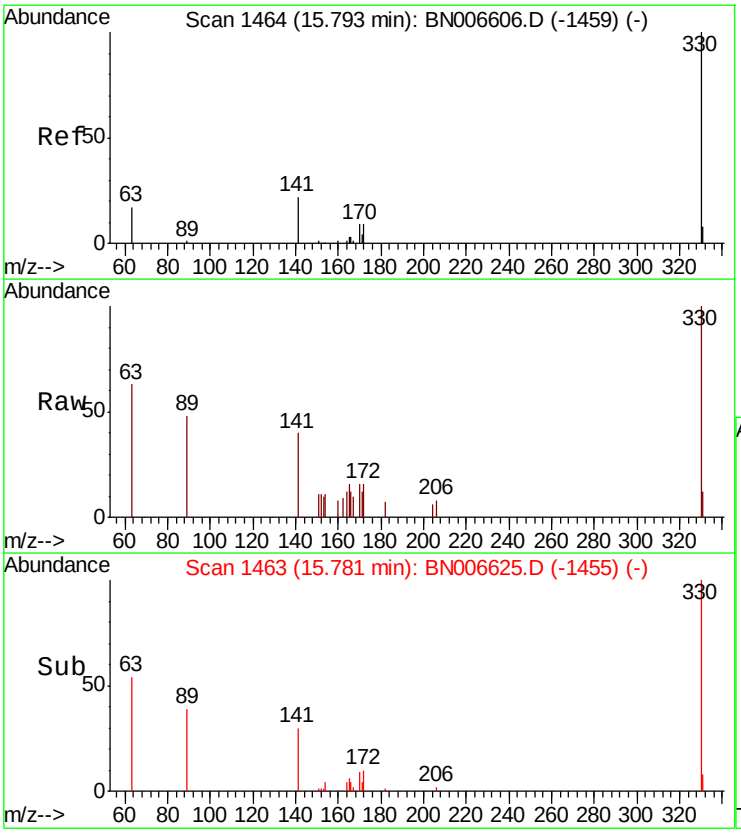
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:164 Resp: 11984

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.0	120.0
160	49.1	37.0	55.4

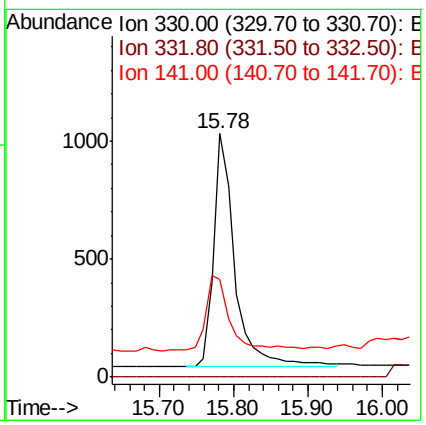


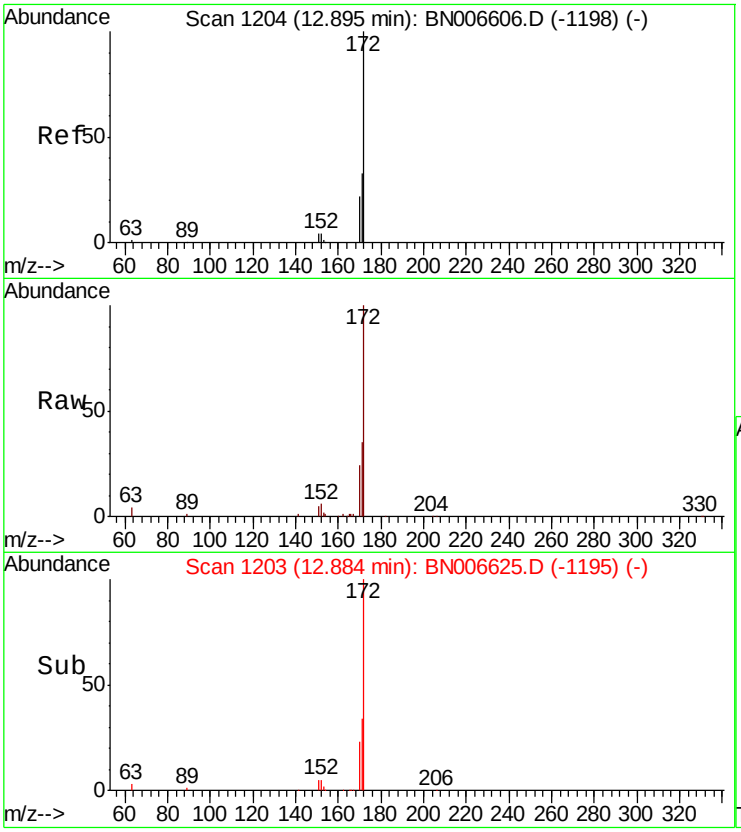


#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:330 Resp: 1936

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.7	26.5	39.7



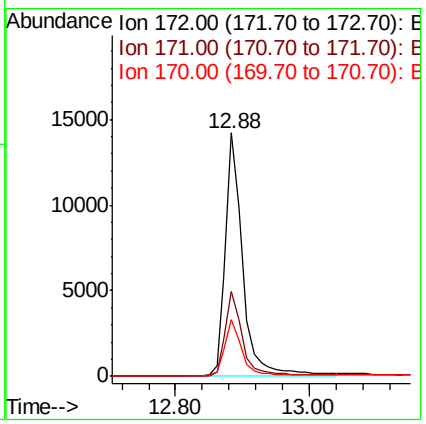


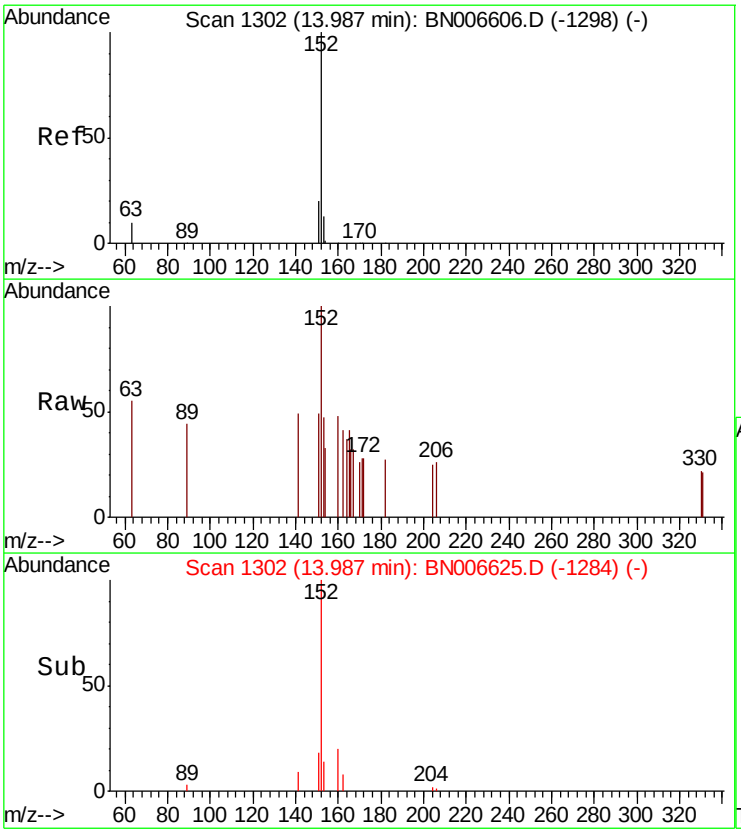
#15
2-Fluorobiphenyl
Concen: 0.568 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:172 Resp: 25238

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.0	40.4
170	23.6	17.7	26.5

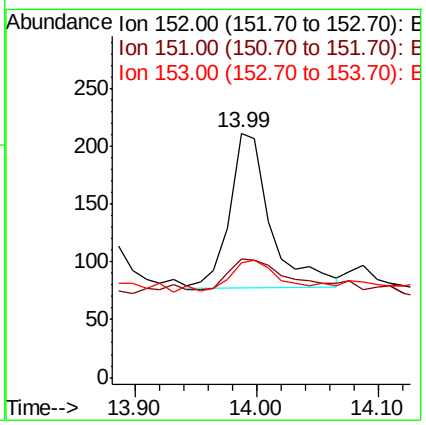


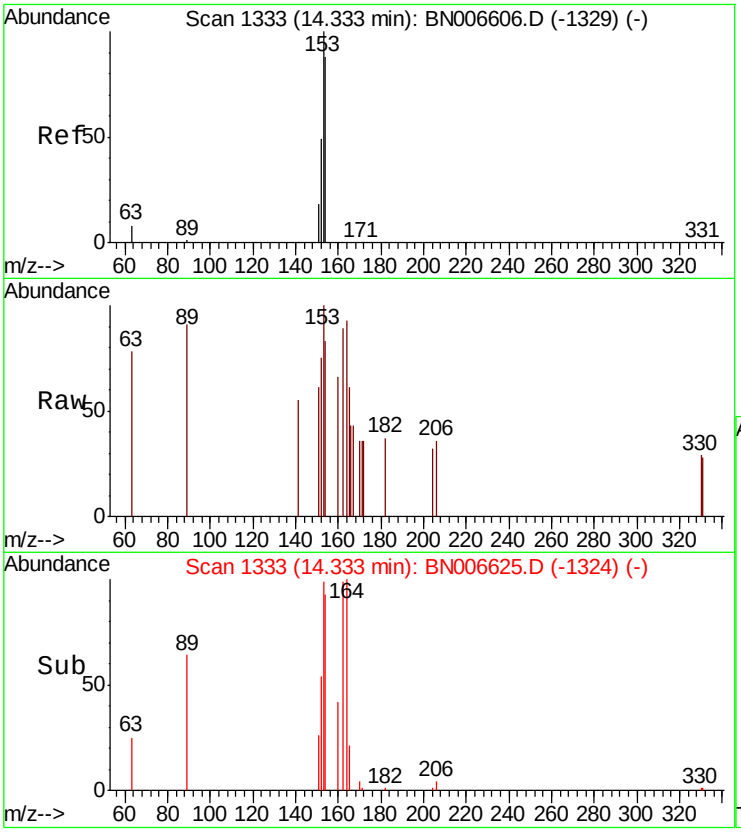


#16
Acenaphthylene
Concen: 0.006 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:152 Resp: 316

Ion	Ratio	Lower	Upper
152	100		
151	40.2	15.6	23.4#
153	21.5	10.5	15.7#



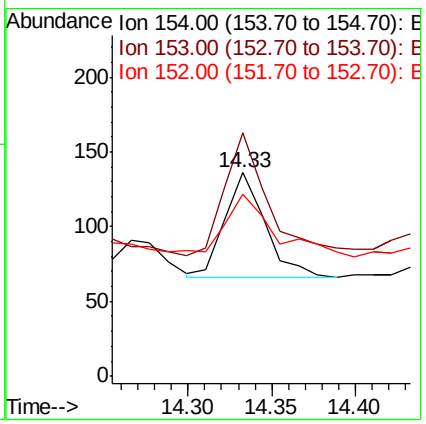


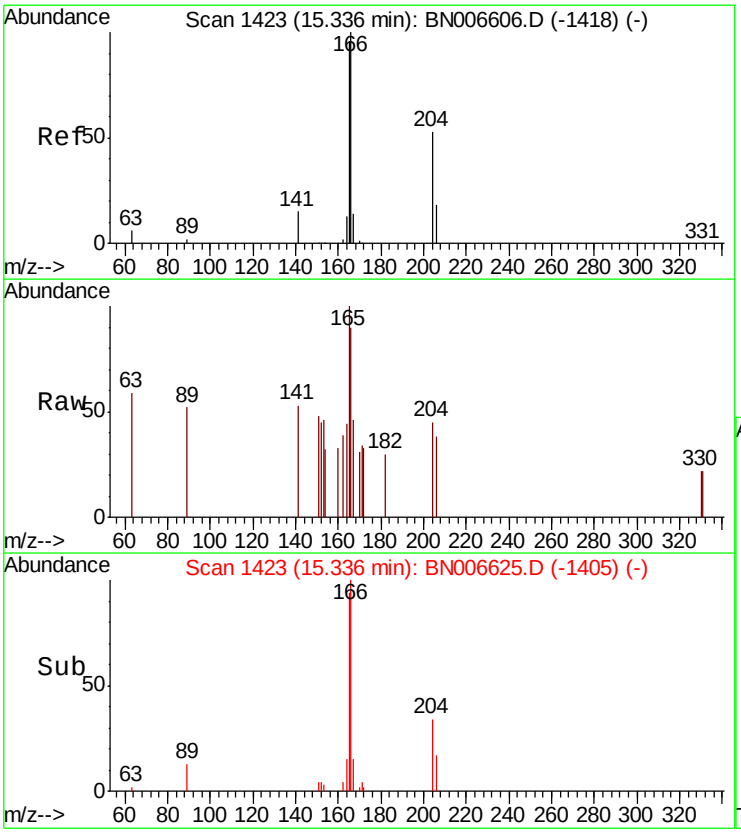
#17
Acenaphthene
Concen: 0.003 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:154 Resp: 117

Ion	Ratio	Lower	Upper
154	100		
153	124.8	90.2	135.4
152	72.6	44.2	66.4#

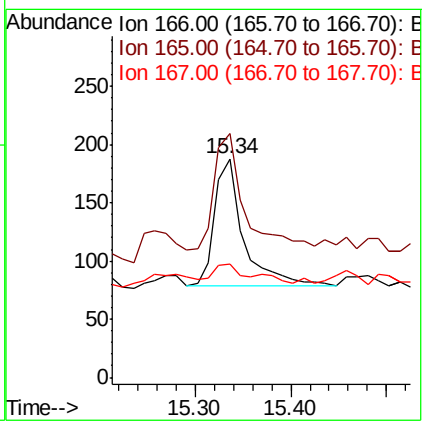


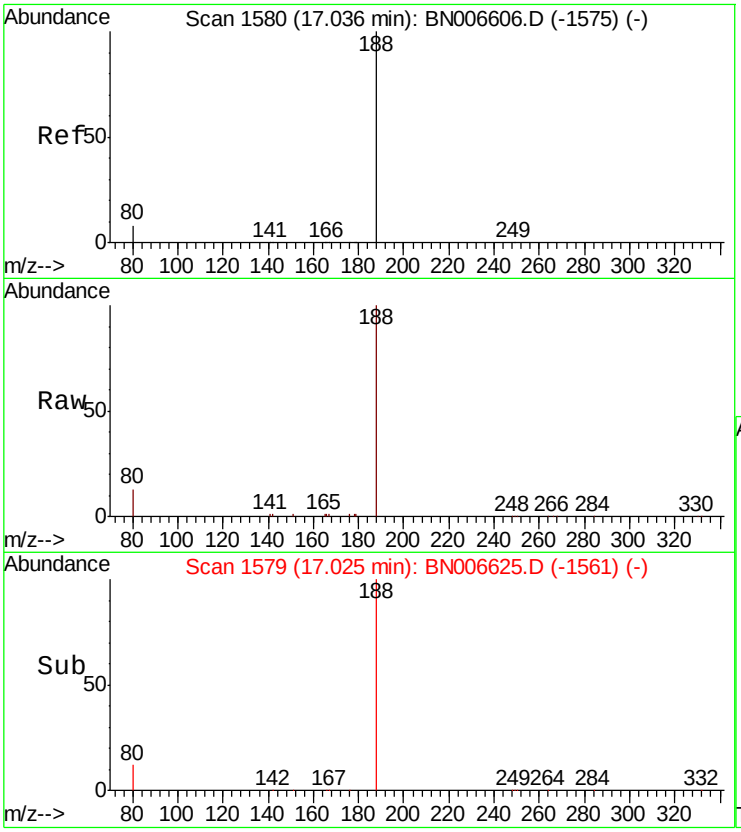


#18
Fluorene
Concen: 0.005 ng
RT: 15.34 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:166 Resp: 227

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.4	117.6
167	10.1	10.8	16.2#



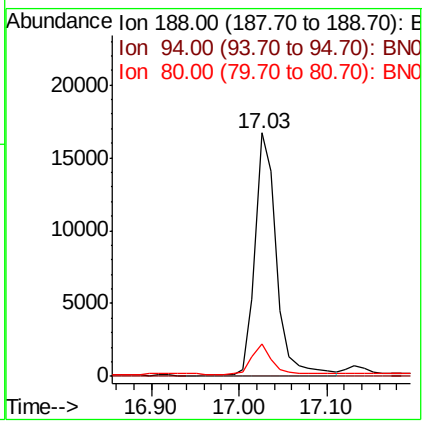


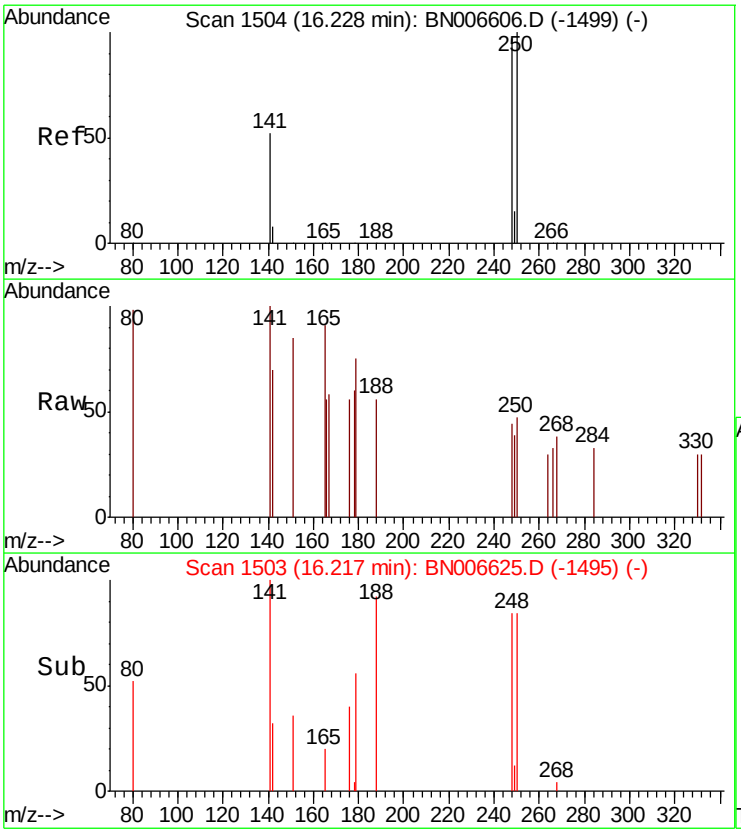
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:188 Resp: 28093

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	7.1	10.7#

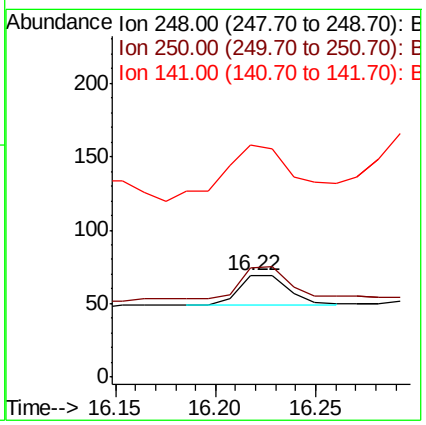


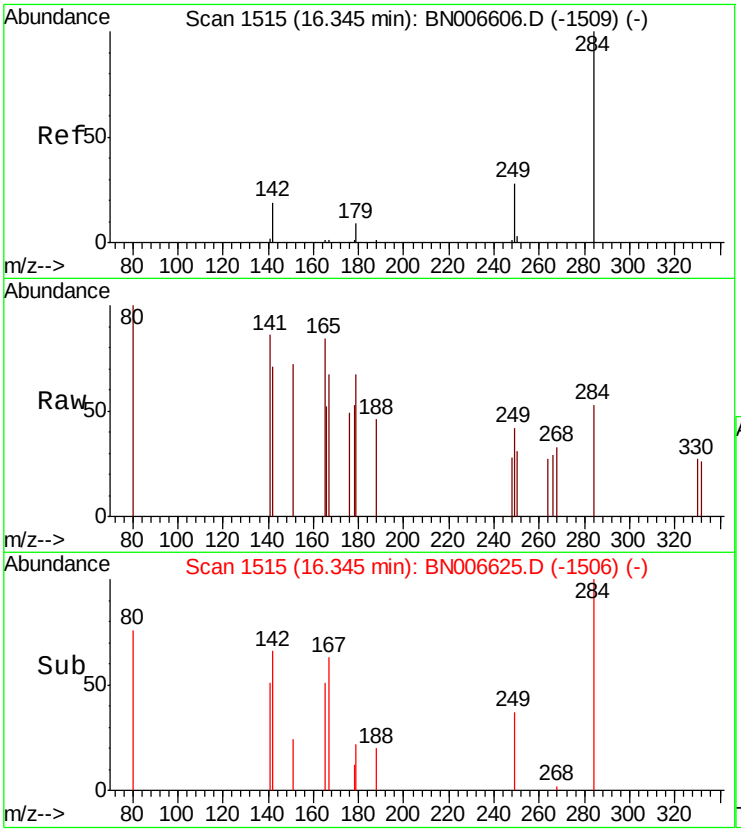


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:248 Resp: 35

Ion	Ratio	Lower	Upper
248	100		
250	107.2	82.2	123.4
141	229.0	43.8	65.8#



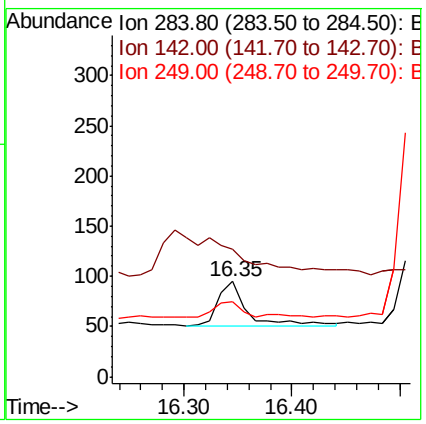


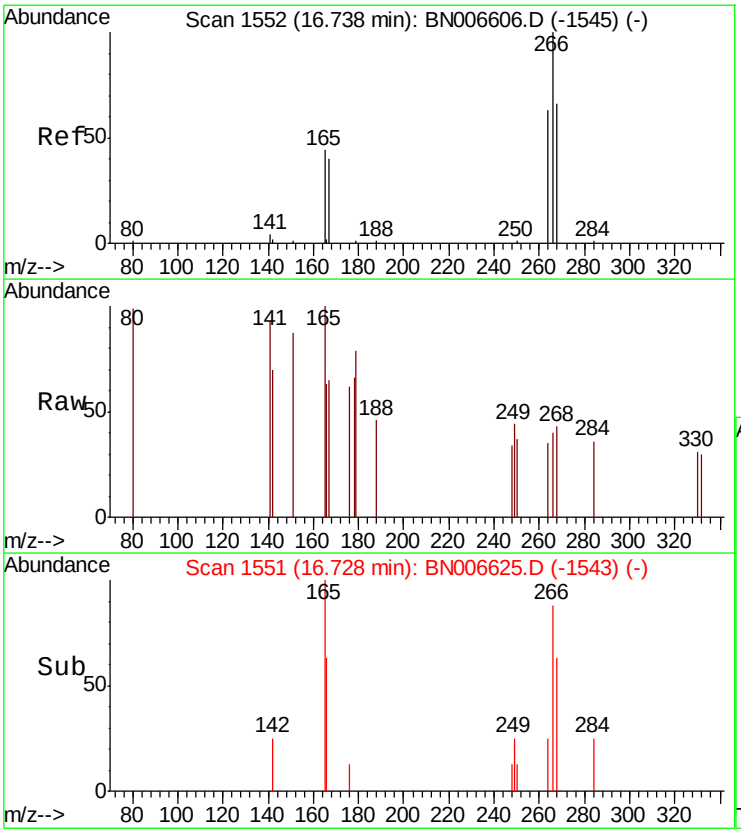
#21
Hexachlorobenzene
Concen: 0.004 ng
RT: 16.35 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:284 Resp: 79

Ion	Ratio	Lower	Upper
284	100		
142	0.0	27.5	41.3#
249	34.2	24.7	37.1

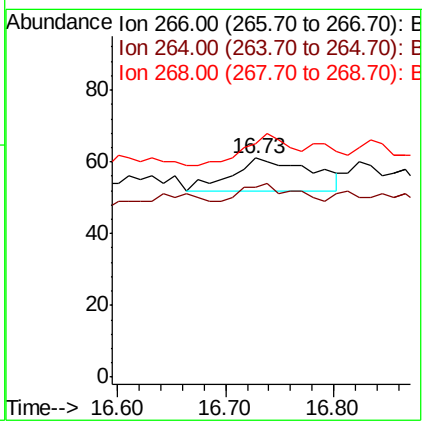


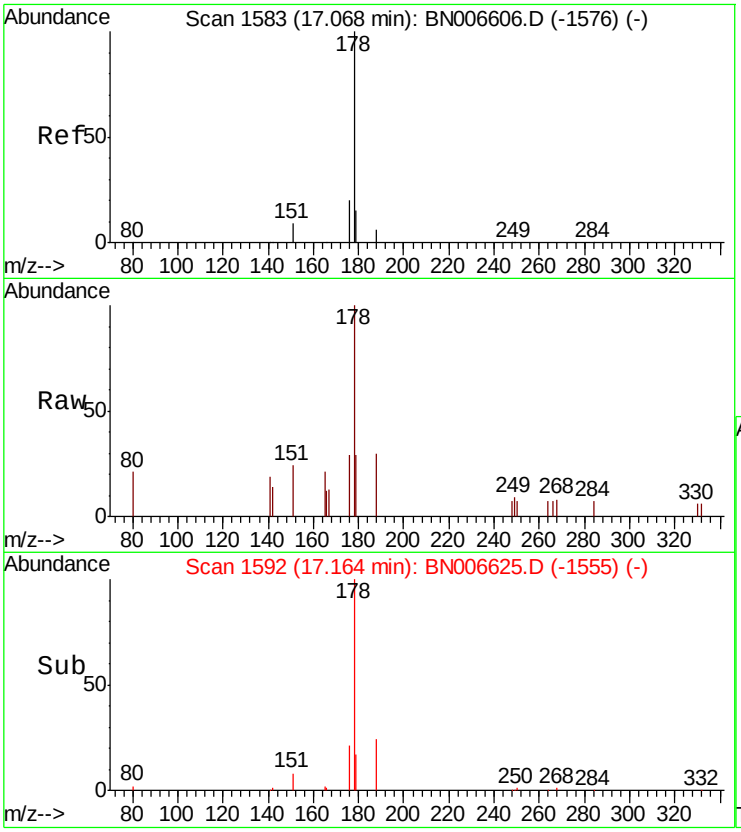


#22
Pentachlorophenol
Concen: 0.202 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:266 Resp: 46

Ion	Ratio	Lower	Upper
266	100		
264	86.9	56.2	84.4#
268	106.6	63.0	94.4#



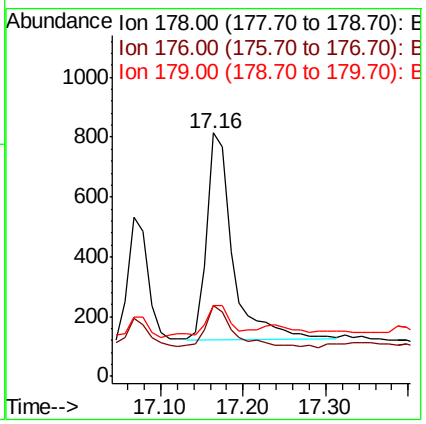


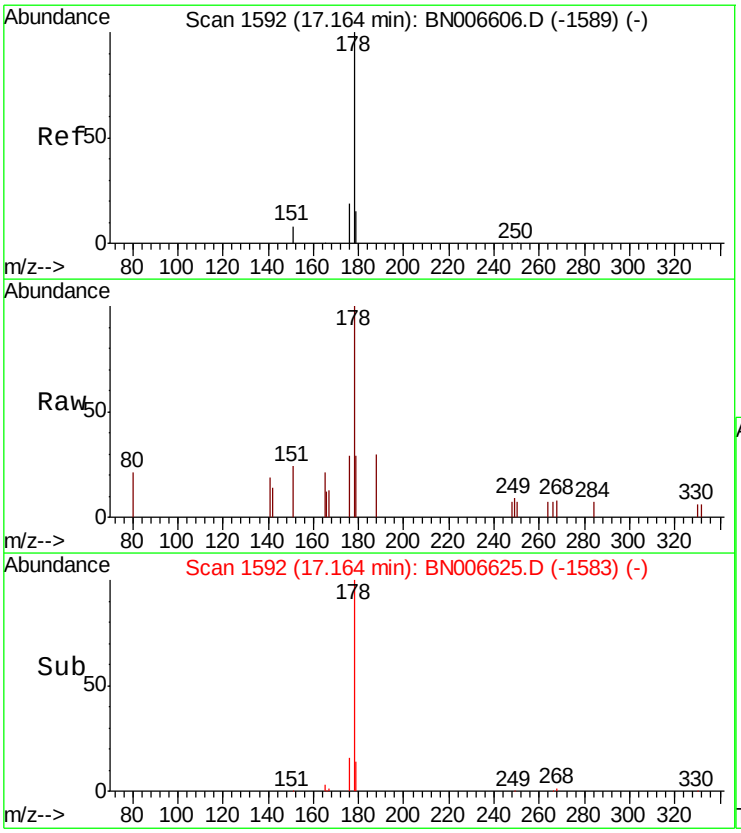
#23
Phenanthrene
Concen: 0.019 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.10 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:178 Resp: 1512

Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.3	22.9
179	13.8	12.2	18.4

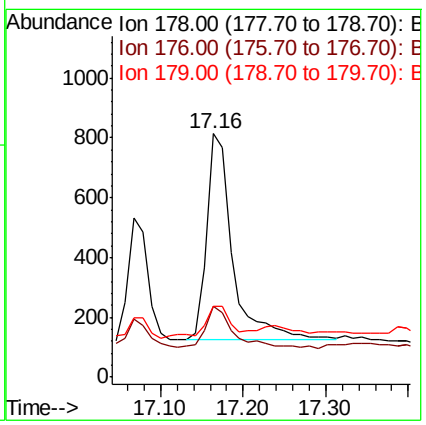


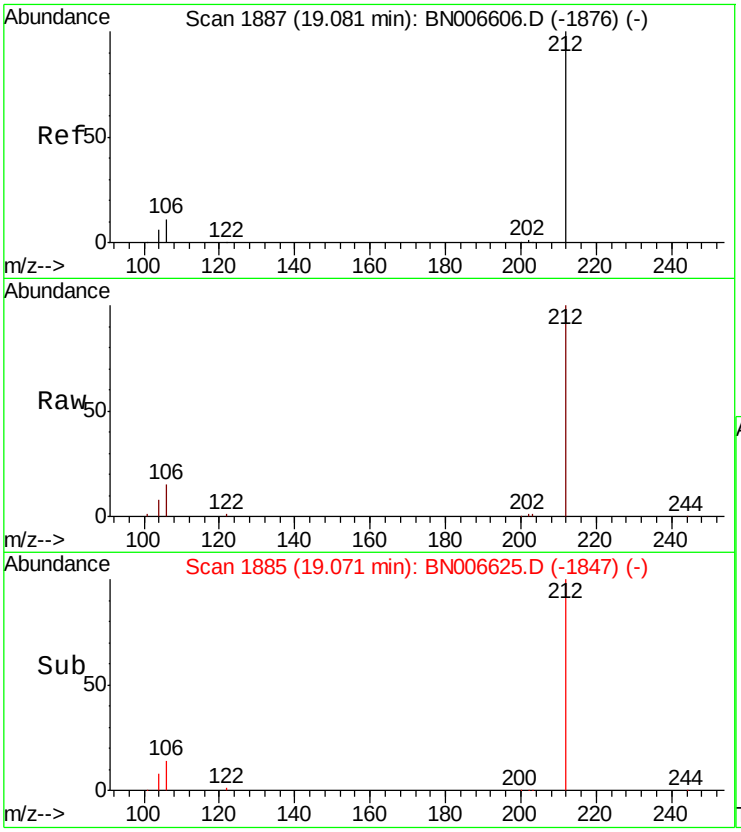


#24
Anthracene
Concen: 0.021 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:178 Resp: 1485

Ion	Ratio	Lower	Upper
178	100		
176	22.4	15.0	22.4
179	16.2	12.2	18.2



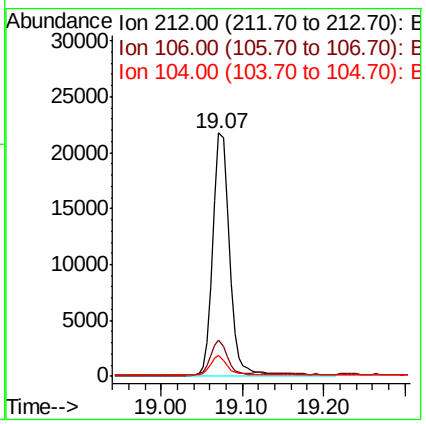


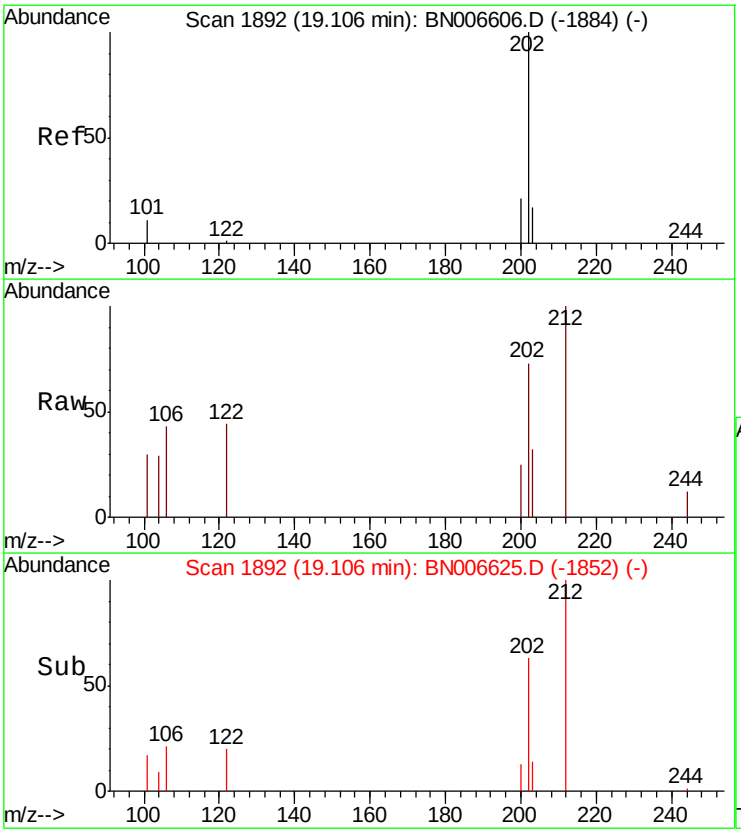
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:212 Resp: 30901

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.6	15.8
104	7.6	5.8	8.6

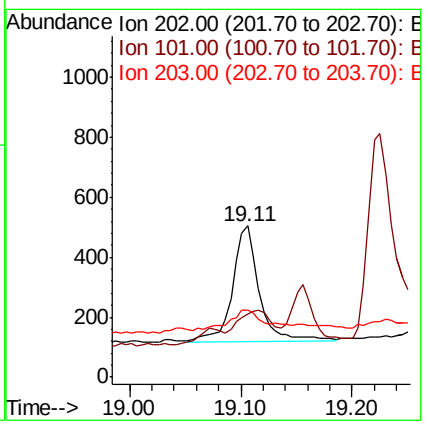


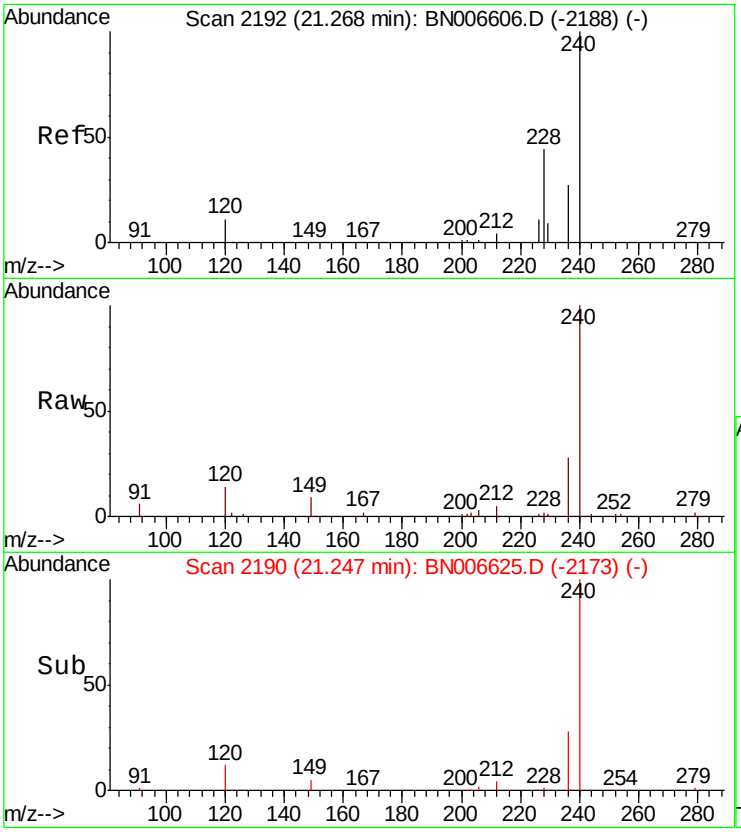


#26
Fluoranthene
Concen: 0.007 ng
RT: 19.11 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:202 Resp: 647

Ion	Ratio	Lower	Upper
202	100		
101	26.4	8.9	13.3#
203	22.7	13.6	20.4#



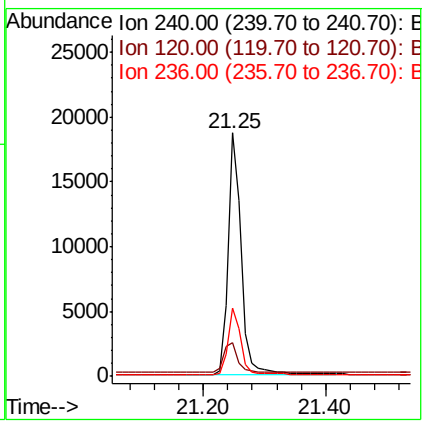


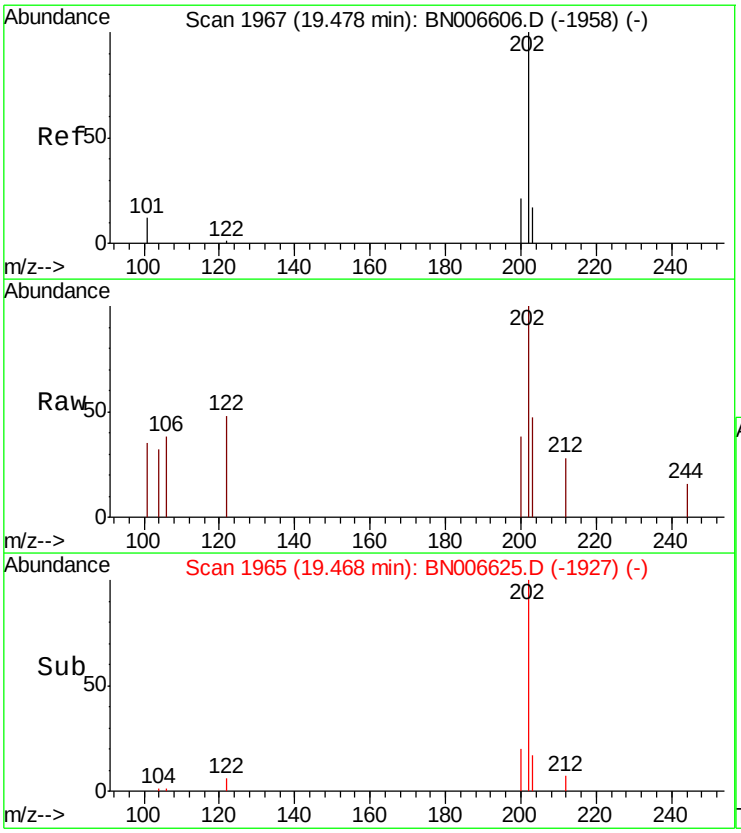
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:240 Resp: 28261

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.9	14.9
236	28.1	22.2	33.4

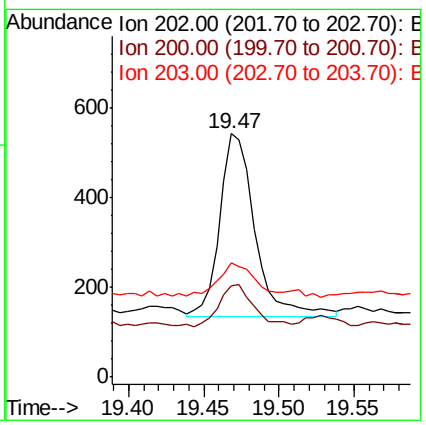


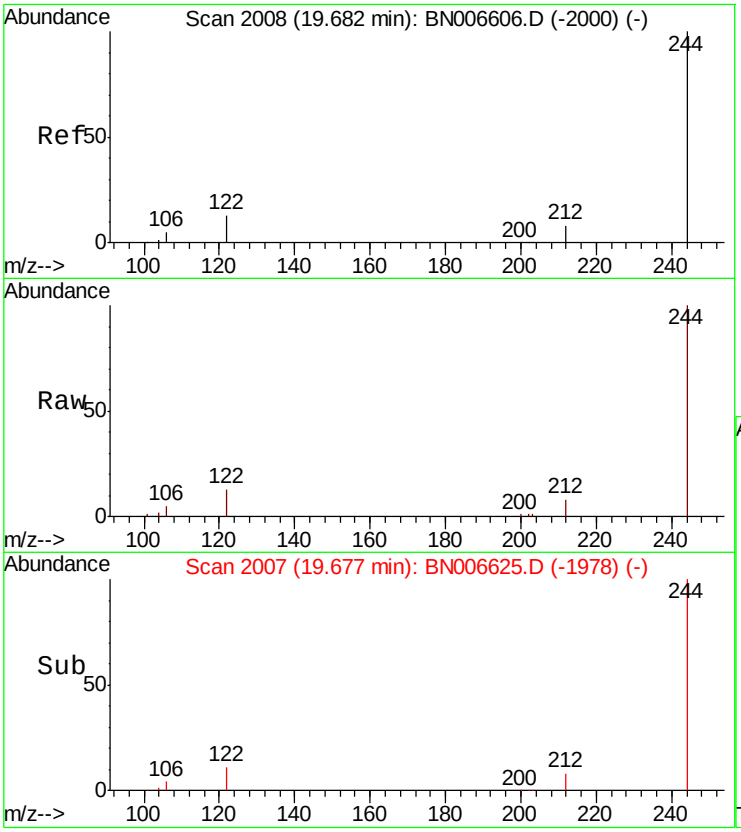


#28
Pyrene
Concen: 0.007 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:202 Resp: 665

Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.7	25.1
203	17.7	14.1	21.1



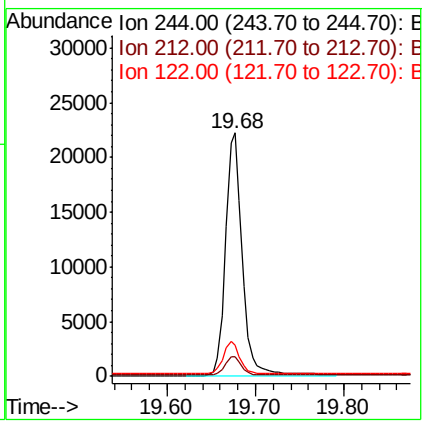


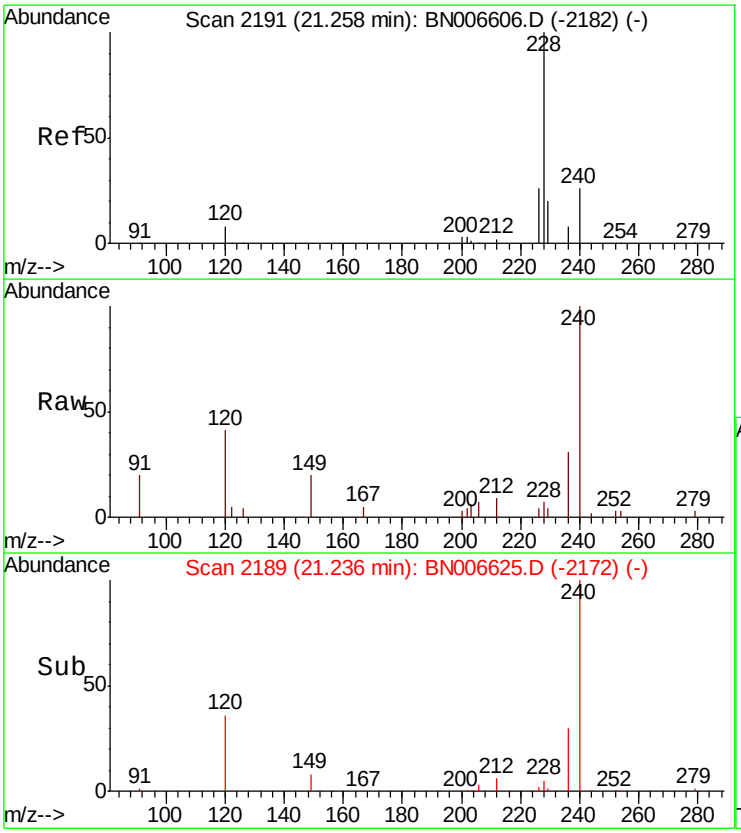
#29
Terphenyl-d14
Concen: 0.495 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:244 Resp: 29328

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.7	10.1
122	12.8	11.0	16.6

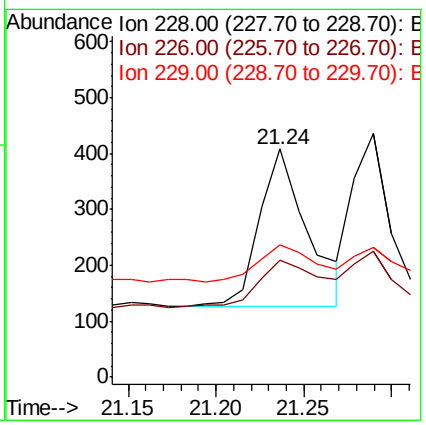


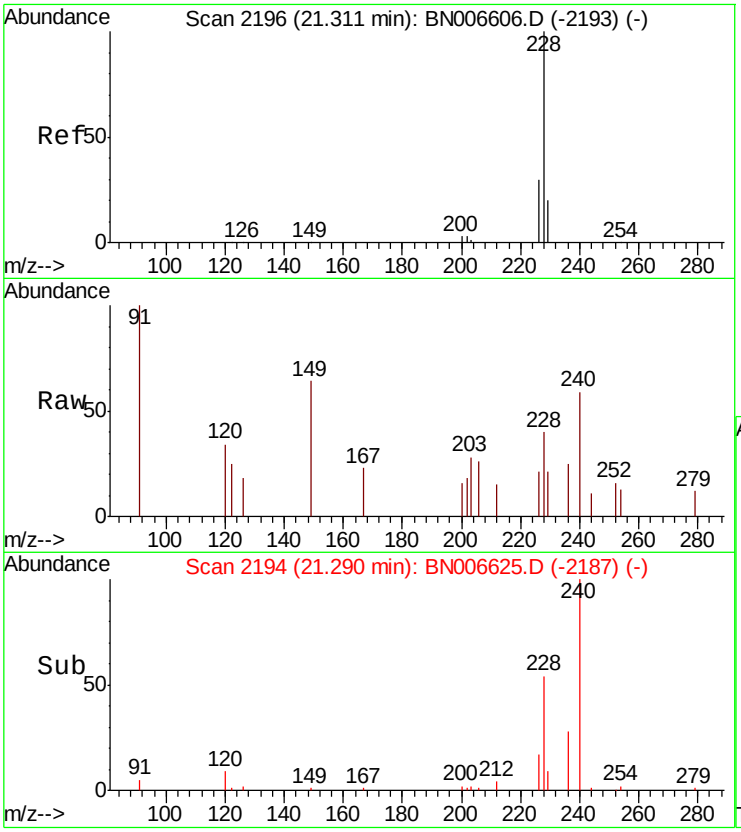


#30
Benzo(a)anthracene
Concen: 0.006 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:228 Resp: 541

Ion	Ratio	Lower	Upper
228	100		
226	51.5	21.2	31.8#
229	58.1	16.1	24.1#



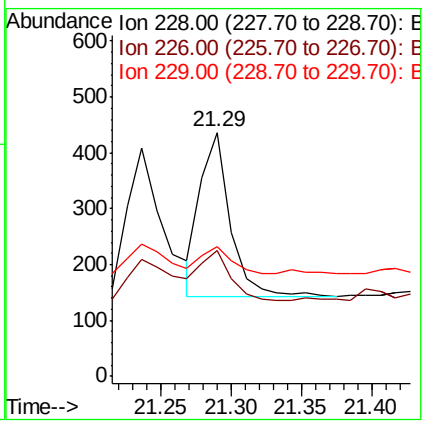


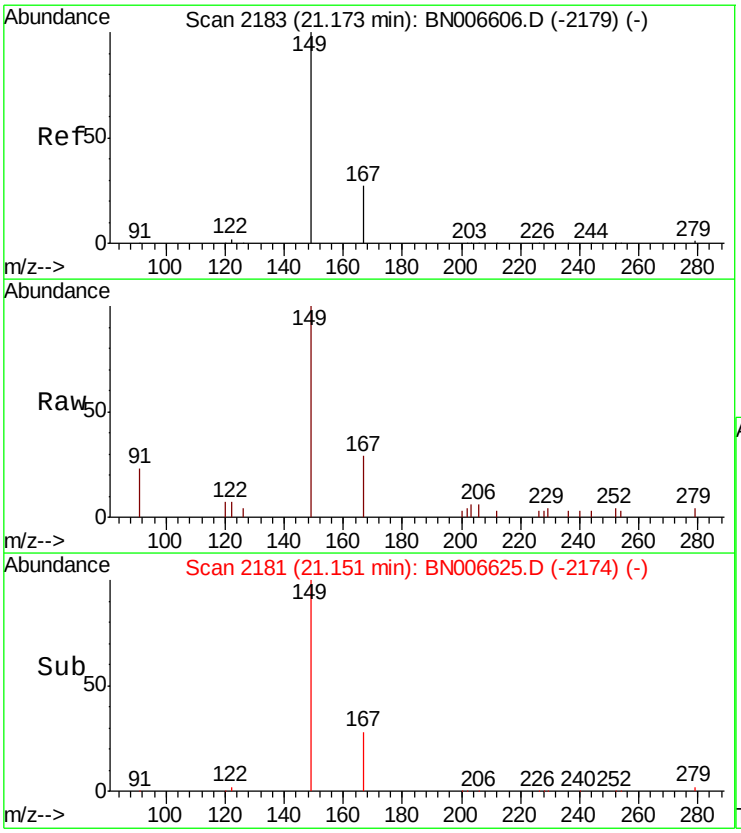
#31
Chrysene
Concen: 0.004 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:228 Resp: 441

Ion	Ratio	Lower	Upper
228	100		
226	51.8	23.8	35.6#
229	53.2	15.9	23.9#

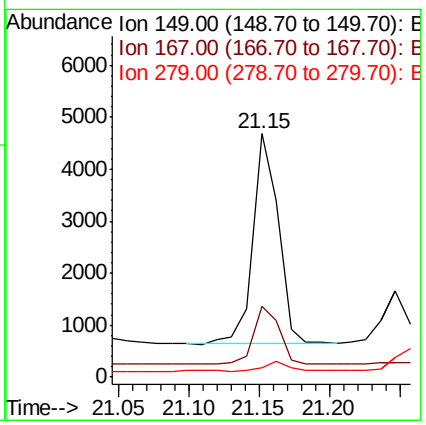


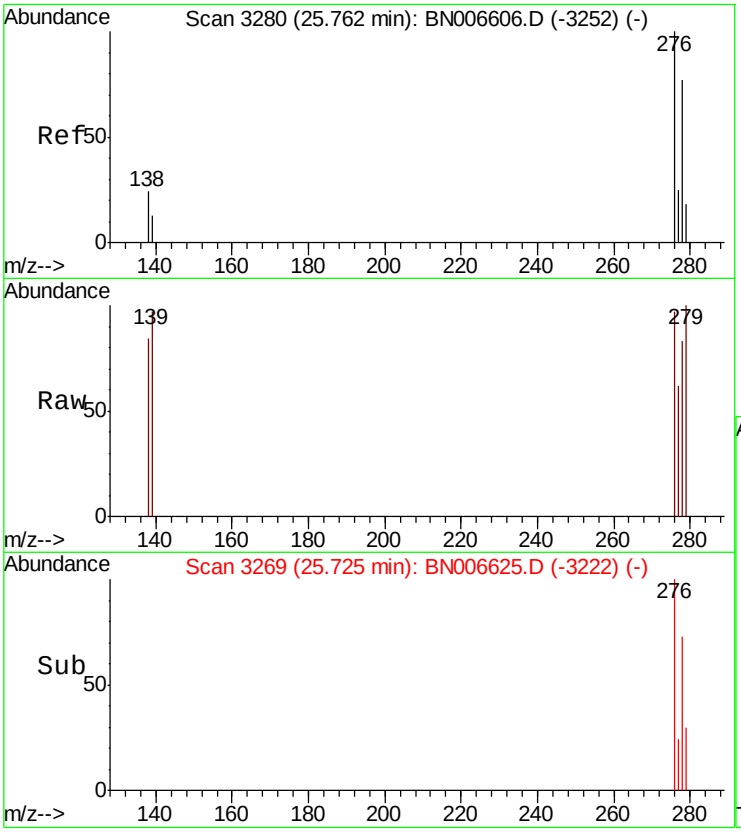


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:149 Resp: 5144

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.9	34.3
279	4.0	3.3	4.9



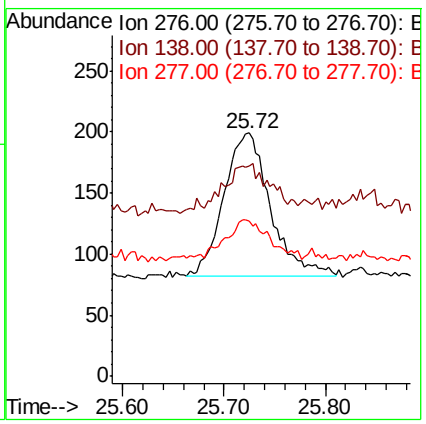


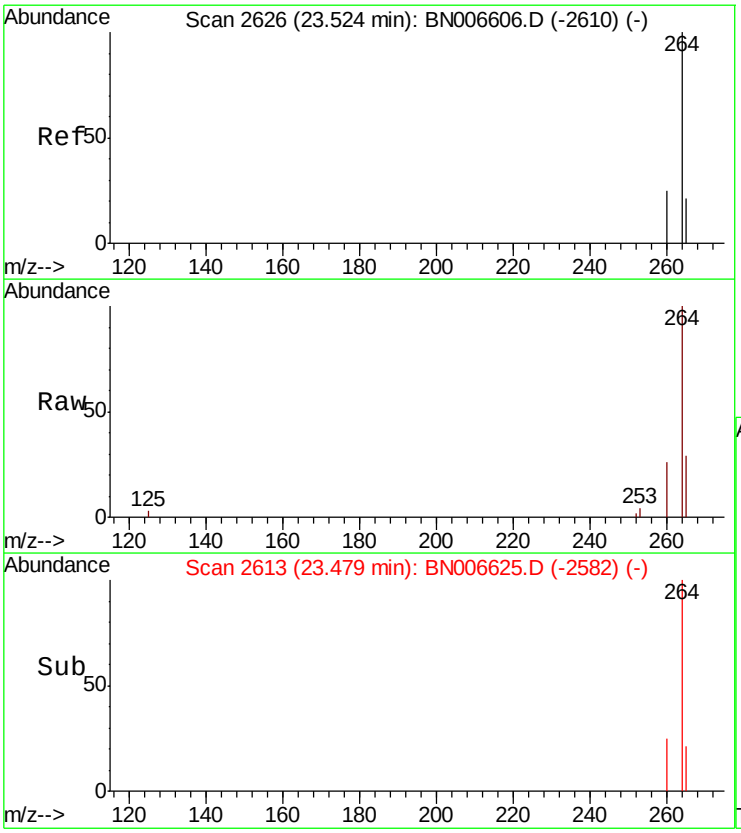
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 25.72 min Scan# 3269
Delta R.T. -0.04 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:276 Resp: 374

Ion	Ratio	Lower	Upper
276	100		
138	26.5	19.3	28.9
277	26.5	19.9	29.9

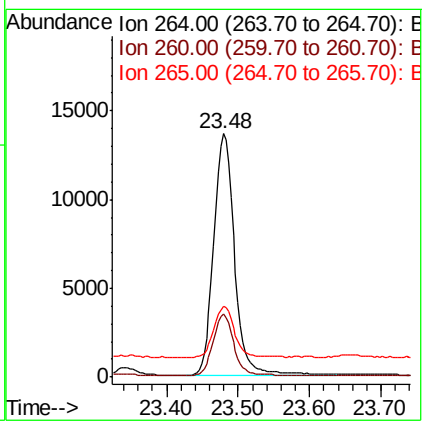


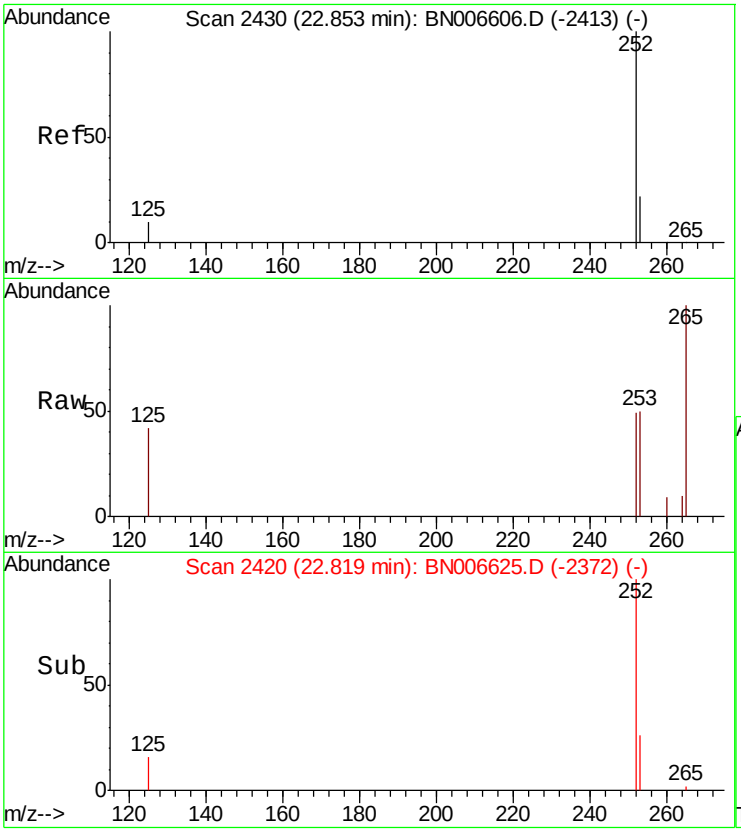


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2613
Delta R.T. -0.04 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:264 Resp: 27385

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	29.1	23.3	34.9



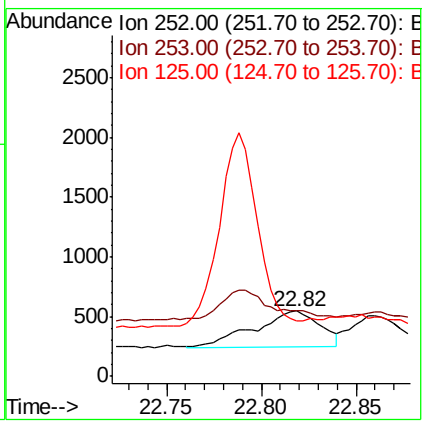


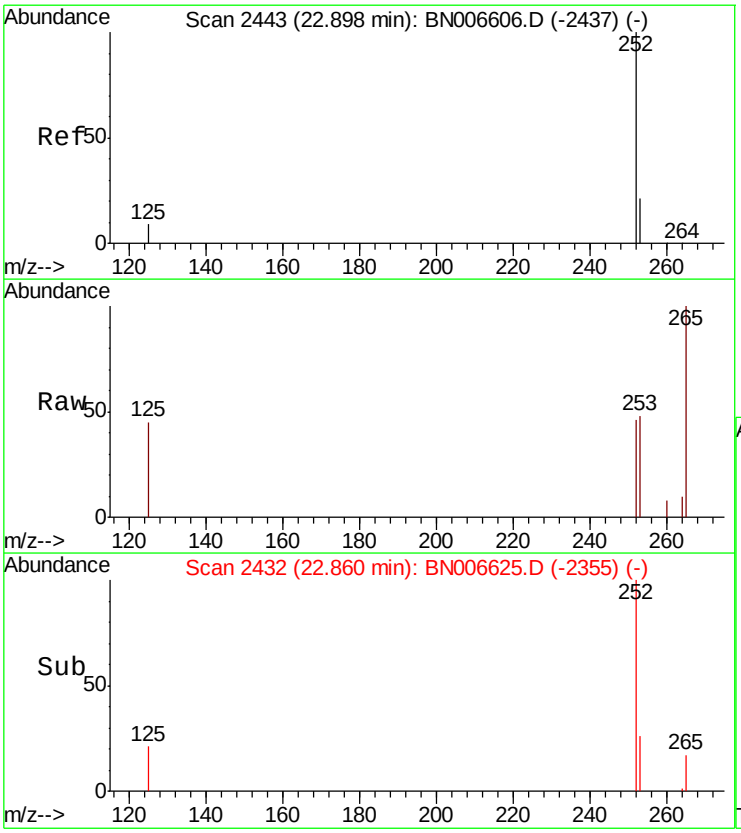
#35
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 22.82 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:252 Resp: 717

Ion	Ratio	Lower	Upper
252	100		
253	101.1	18.4	27.6#
125	84.8	8.7	13.1#

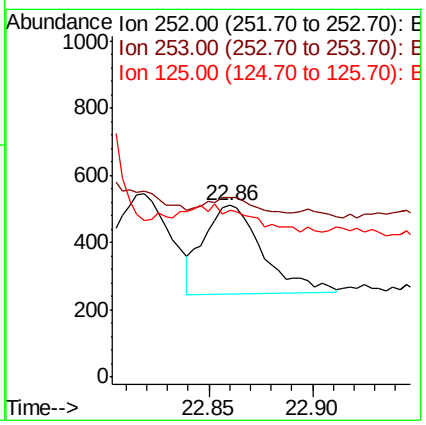


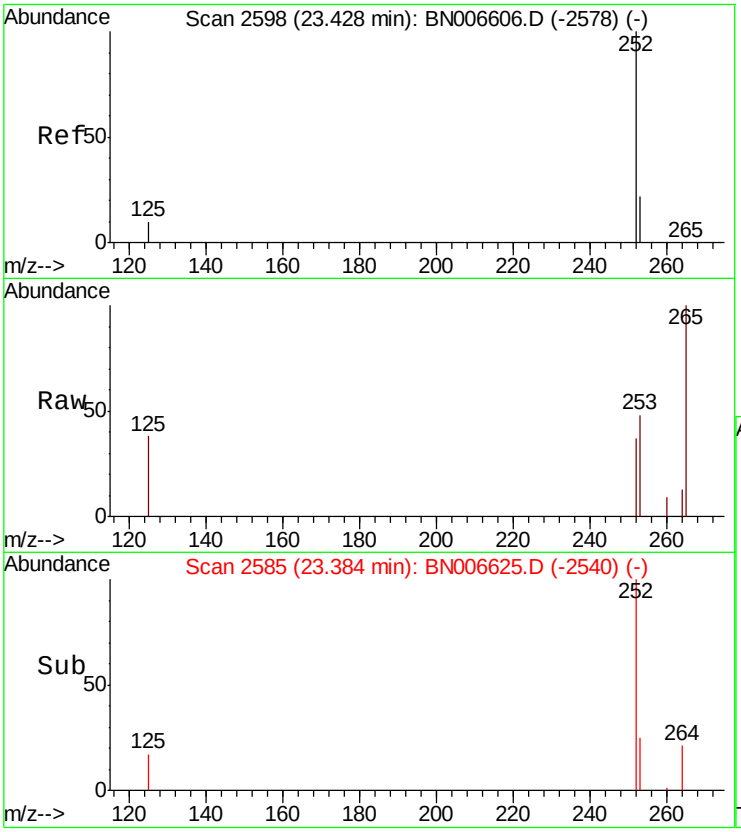


#36
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.04 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:252 Resp: 520

Ion	Ratio	Lower	Upper
252	100		
253	105.1	18.3	27.5#
125	97.6	8.4	12.6#



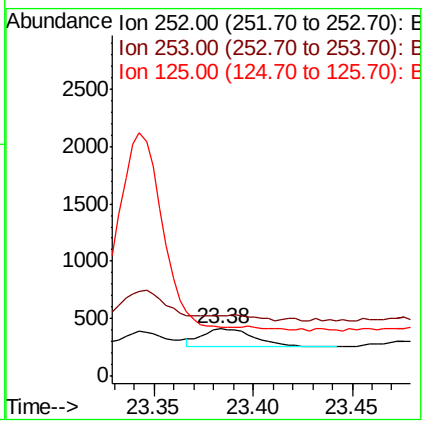


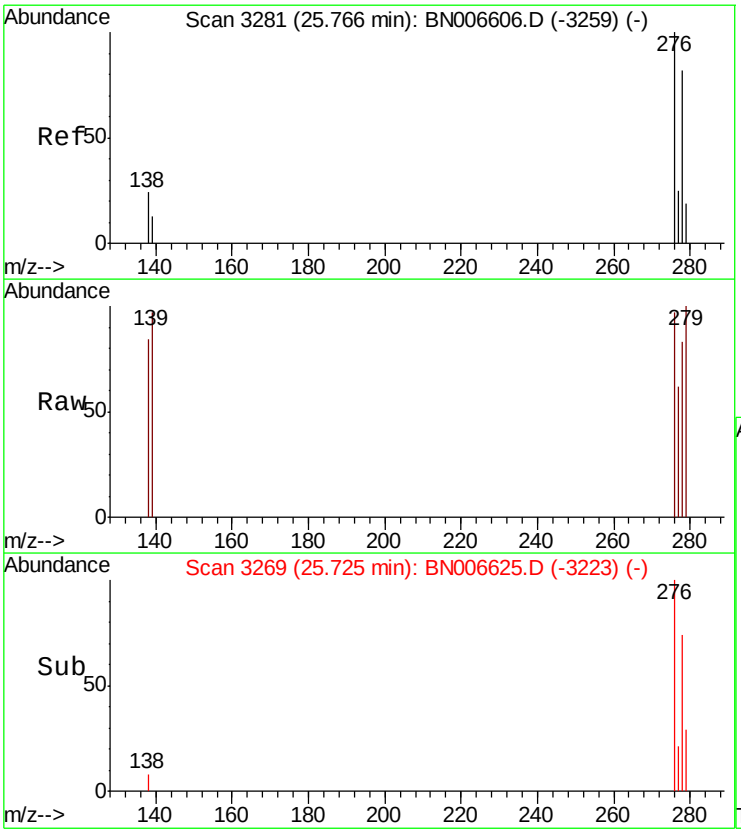
#37
Benzo(a)pyrene
Concen: 0.003 ng
RT: 23.38 min Scan# 2585
Delta R.T. -0.04 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:252 Resp: 287

Ion	Ratio	Lower	Upper
252	100		
253	127.5	18.8	28.2#
125	103.2	9.4	14.2#

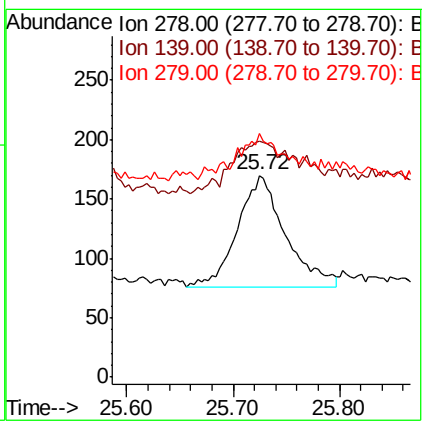


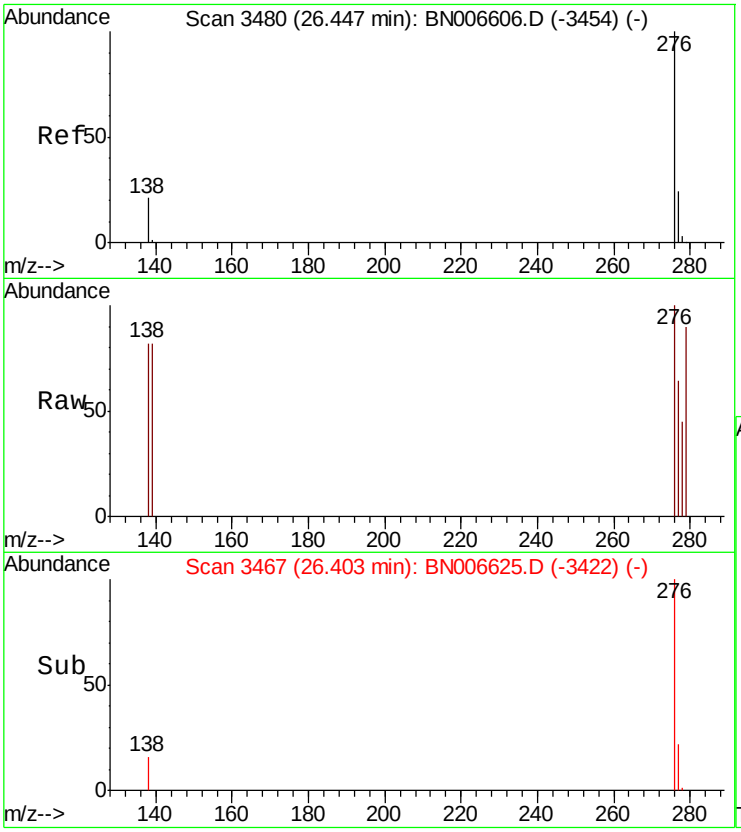


#38
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 25.72 min Scan# 3269
Delta R.T. -0.04 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:278 Resp: 292

Ion	Ratio	Lower	Upper
278	100		
139	117.1	13.5	20.3#
279	120.6	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.005 ng
RT: 26.40 min Scan# 3467
Delta R.T. -0.04 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion:276 Resp: 344

Ion	Ratio	Lower	Upper
276	100		
277	63.5	19.6	29.4#
138	82.3	17.7	26.5#