Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006650.D
Acq On : 29 Jun 2019 13:08
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 01 08:16:51 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	7.62	152	5751	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	25111	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	14097	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	29723	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	19814	0.40	ng		-0.01
34) Perylene-d12	23.50	264	19370	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	6188	0.44	ng		0.00
5) Phenol-d6	6.82	99	8727	0.47	ng		0.00
8) Nitrobenzene-d5	8.78	82	7446	0.44	ng		-0.01
11) 2-Methylnaphthalene-d10	12.00	152	16257	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	2759	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	22961	0.44	ng		-0.01
25) Fluoranthene-d10	19.08	212	32887	0.38	ng		0.00
29) Terphenyl-d14	19.68	244	23669	0.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	2851	0.358	ng		97
3) n-Nitrosodimethylamine	3.50	42	2494	0.399	ng	#	98
6) bis(2-Chloroethyl)ether	7.06	93	6684	0.401	ng		89
9) Naphthalene	10.44	128	27945	0.424	ng		100
10) Hexachlorobutadiene	10.72	225	5858	0.432	ng	#	99
12) 2-Methylnaphthalene	12.07	142	19069	0.418	ng		99
16) Acenaphthylene	13.99	152	30108	0.448	ng		100
17) Acenaphthene	14.33	154	19074	0.431	ng		99
18) Fluorene	15.32	166	23378	0.418	ng		100
20) 4-Bromophenyl-phenylether	16.22	248	7398	0.449	ng	#	88
21) Hexachlorobenzene	16.35	284	9027	0.434	ng		99
22) Pentachlorophenol	16.72	266	1522	0.512	ng		90
23) Phenanthrene	17.07	178	36386	0.431	ng		100
24) Anthracene	17.16	178	31996	0.436	ng		99
26) Fluoranthene	19.11	202	39047	0.380	ng		100
28) Pyrene	19.47	202	38775	0.559	ng		100
30) Benzo(a)anthracene	21.25	228	29614	0.457	ng		99
31) Chrysene	21.30	228	30010	0.430	ng		100
32) Bis(2-ethylhexyl)phthalate	21.16	149	24897	0.764	ng		99
33) Indeno(1,2,3-cd)pyrene	25.74	276	31596	0.447	ng		99
35) Benzo(b)fluoranthene	22.83	252	27498	0.417	ng	#	95
36) Benzo(k)fluoranthene	22.87	252	28142	0.401	ng	#	95
37) Benzo(a)pyrene	23.40	252	26569	0.431	ng	#	94
38) Dibenzo(a,h)anthracene	25.74	278	25243	0.469	ng		96
39) Benzo(g,h,i)perylene	26.42	276	25896	0.482	ng		98

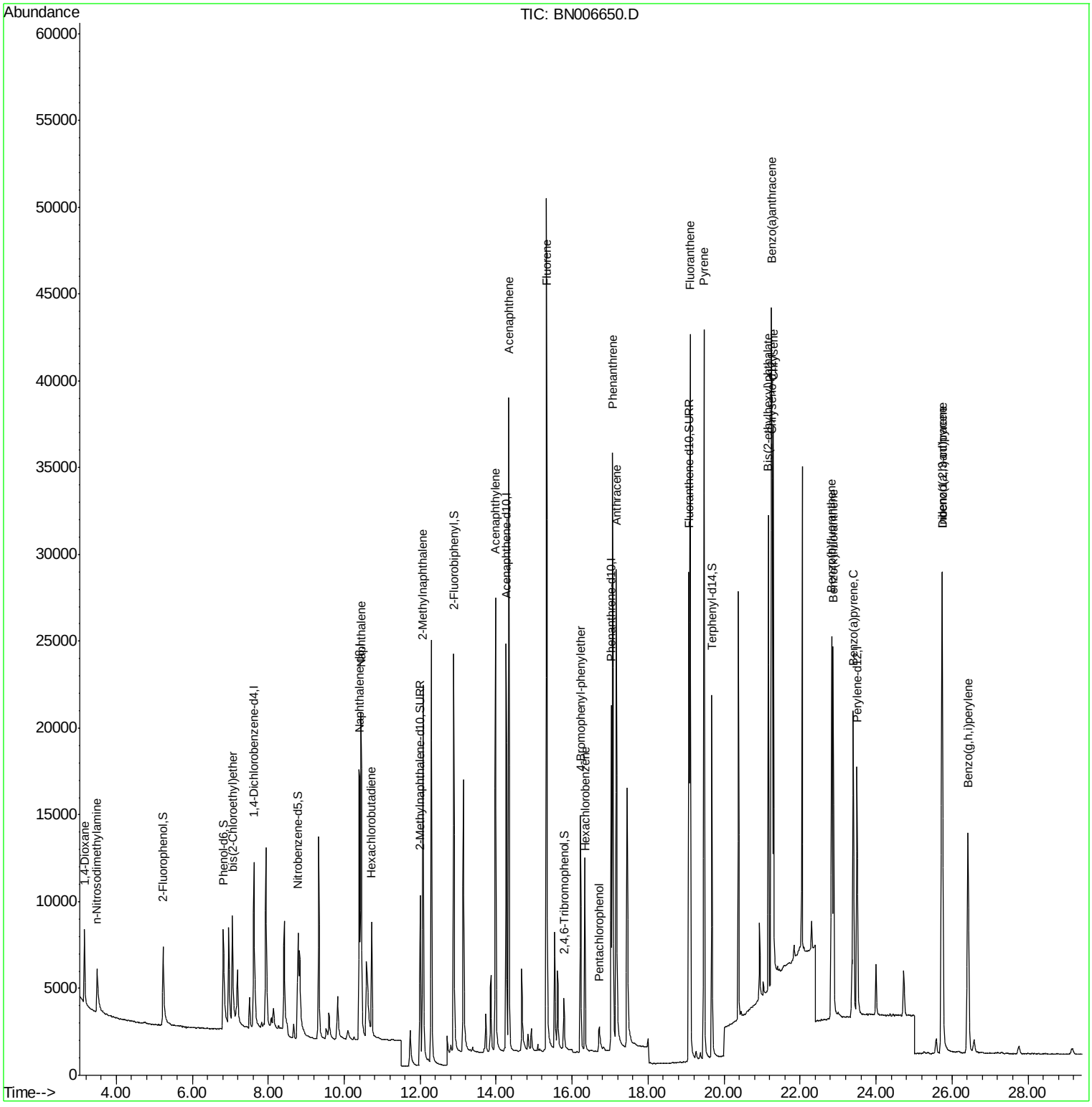
(#) = qualifier out of range (m) = manual integration (+) = signals summed

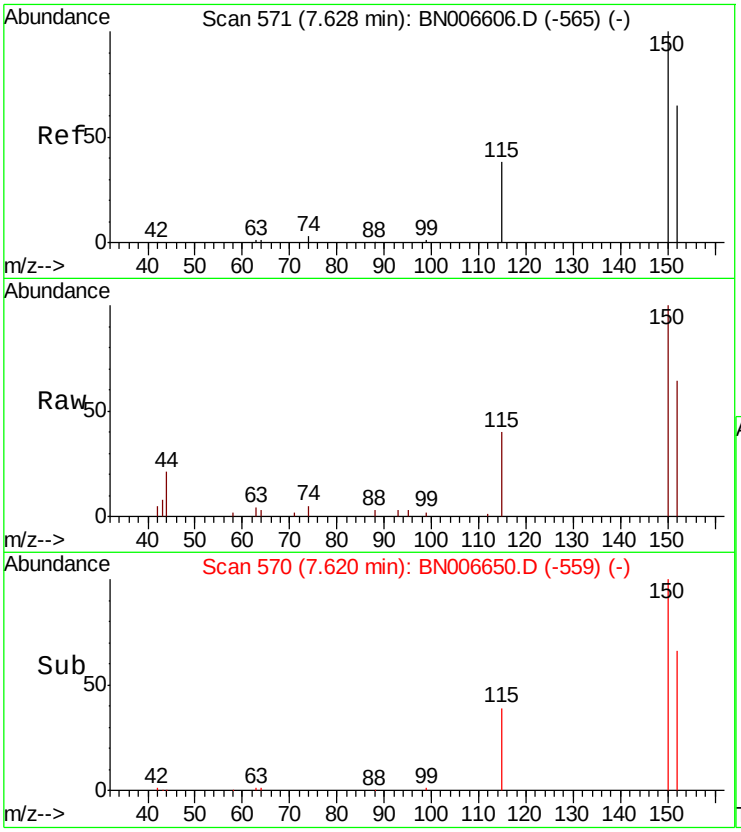
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006650.D
Acq On : 29 Jun 2019 13:08
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 01 08:16:51 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



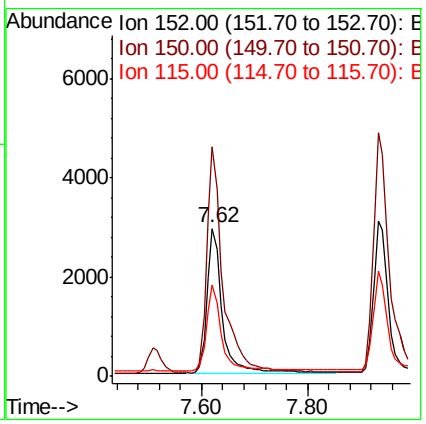


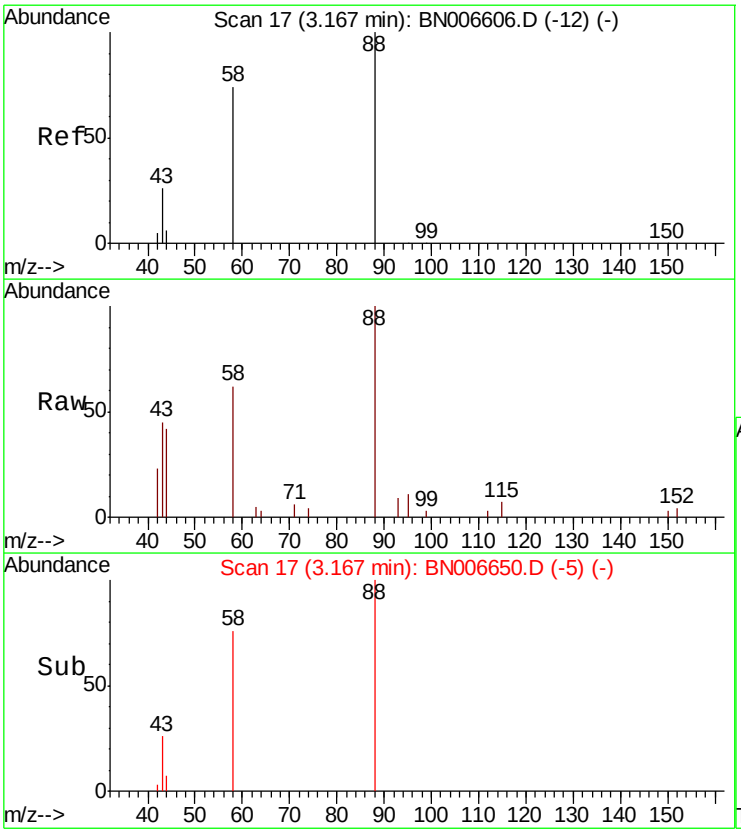
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5751

Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.2	183.2
115	61.8	50.0	75.0

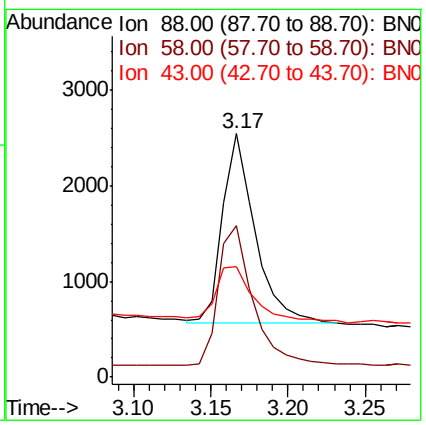


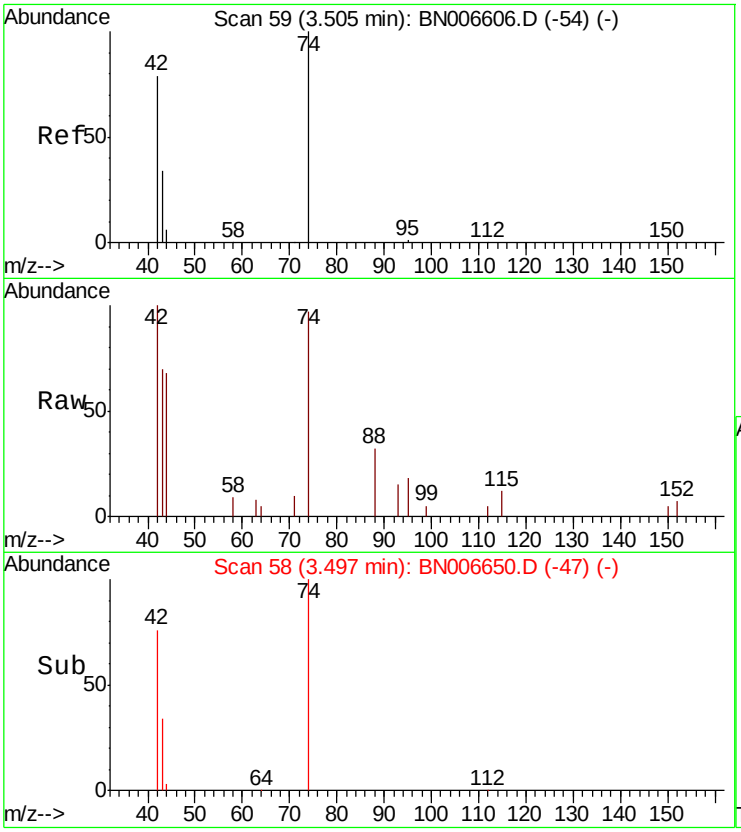


#2
1,4-Dioxane
Concen: 0.358 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion: 88 Resp: 2851

Ion	Ratio	Lower	Upper
88	100		
58	80.6	62.5	93.7
43	33.1	25.4	38.0



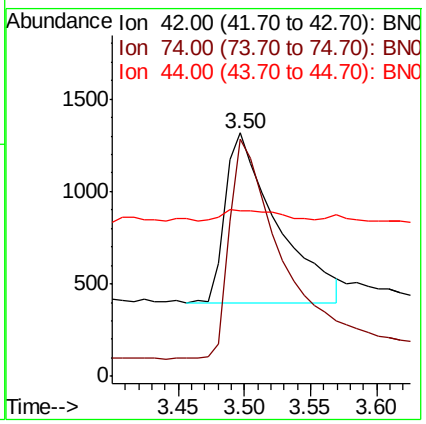


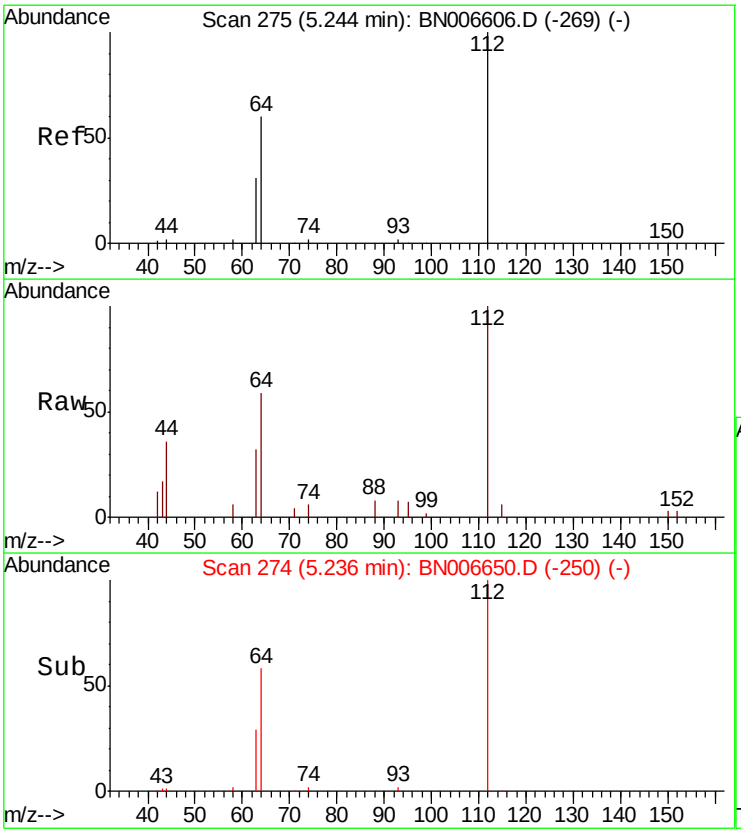
#3
n-Nitrosodimethylamine
Concen: 0.399 ng
RT: 3.50 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2494

Ion	Ratio	Lower	Upper
42	100		
74	130.6	103.1	154.7
44	7.2	3.4	5.2#

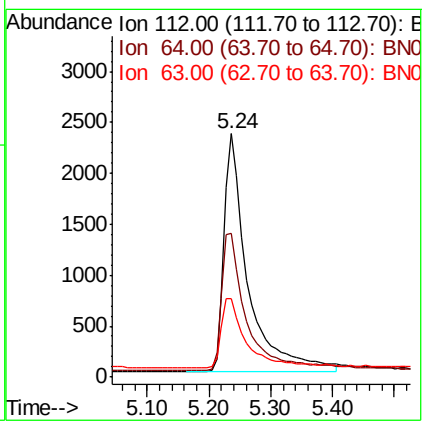


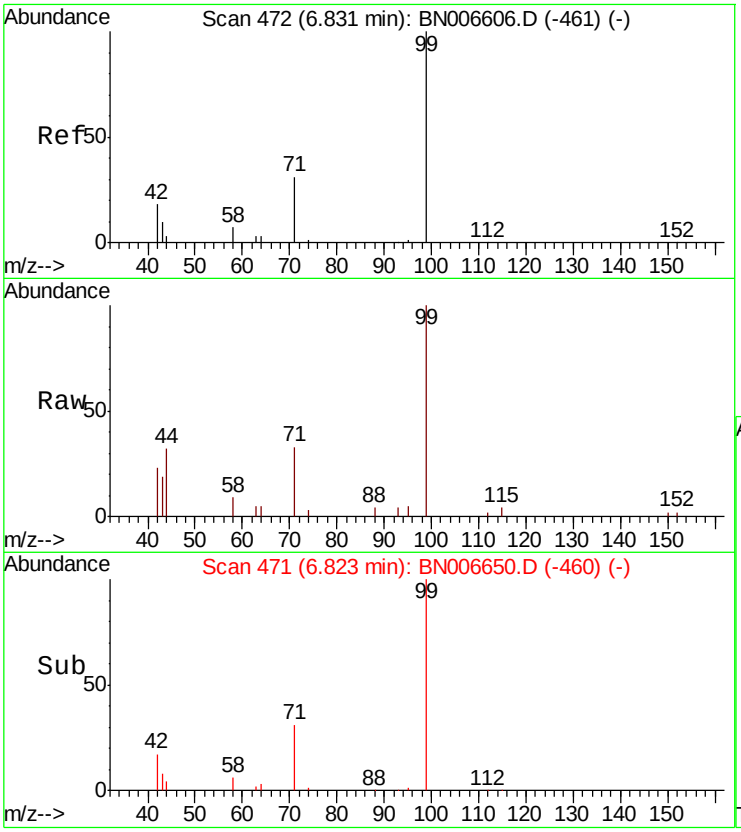


#4
2-Fluorophenol
Concen: 0.439 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:112 Resp: 6188

Ion	Ratio	Lower	Upper
112	100		
64	60.9	48.9	73.3
63	31.6	24.3	36.5



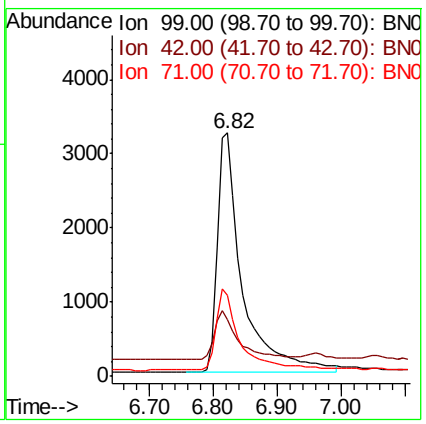


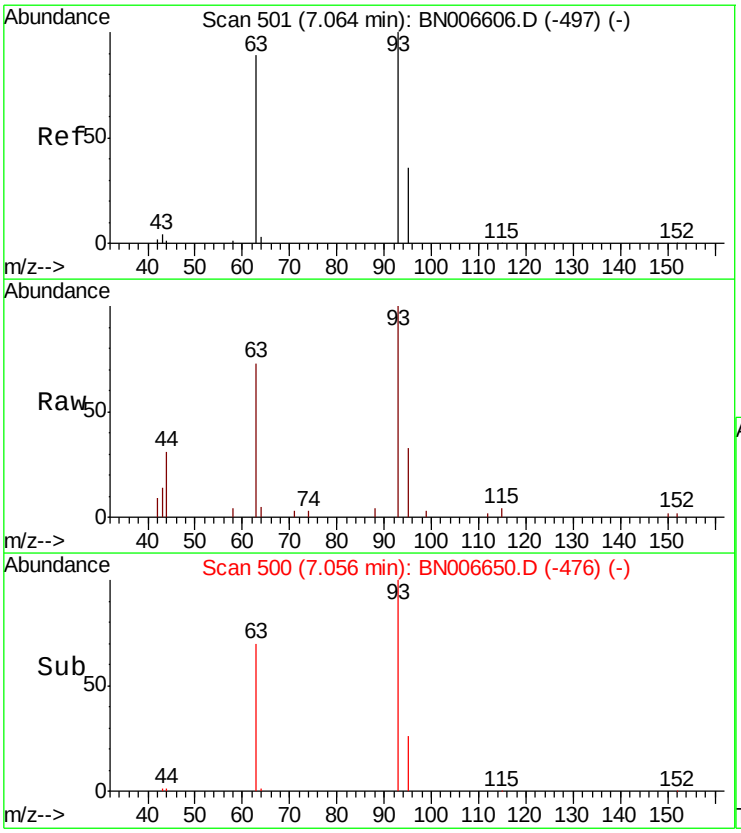
#5
Phenol-d6
Concen: 0.467 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 8727

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.4	24.6
71	32.9	26.6	40.0

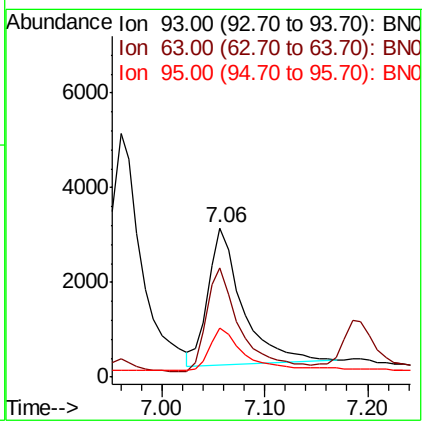


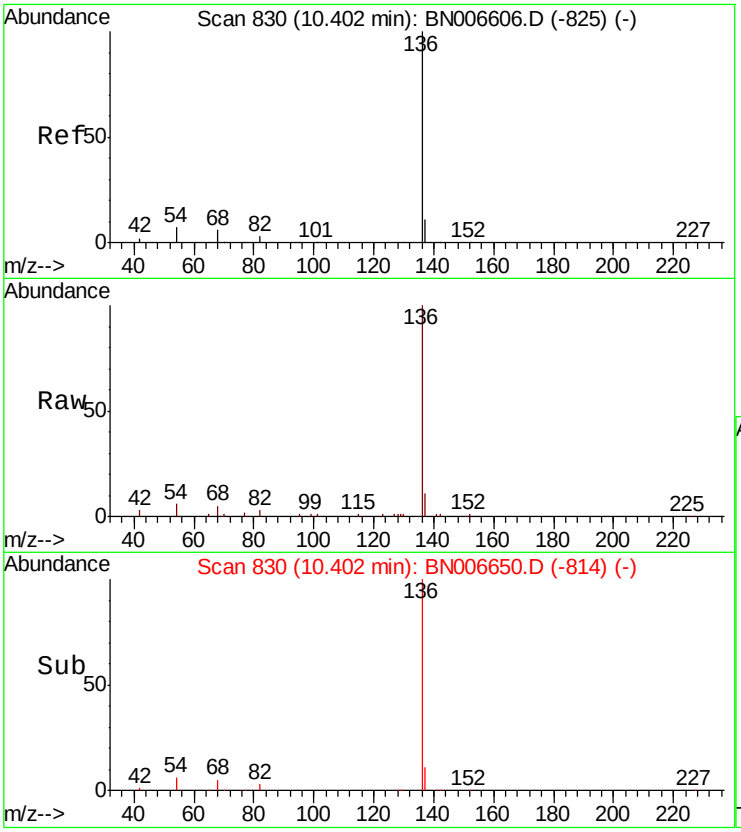


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.06 min Scan# 500
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion: 93 Resp: 6684

Ion	Ratio	Lower	Upper
93	100		
63	75.5	52.5	78.7
95	33.8	24.2	36.4



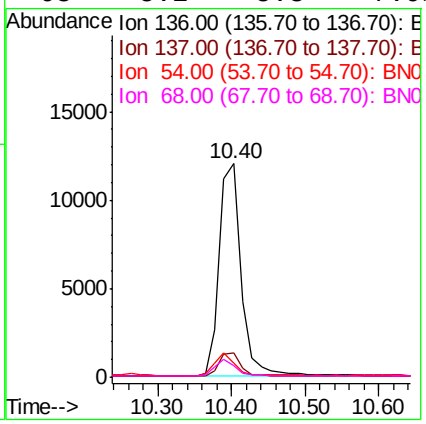


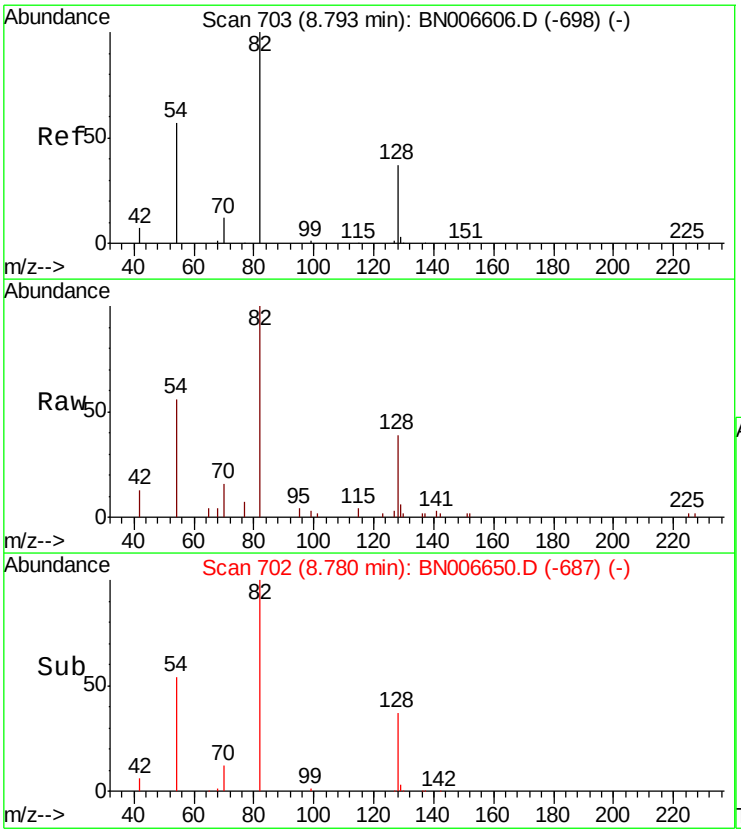
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 25111

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.4	6.7	10.1#
68	5.2	5.3	7.9#

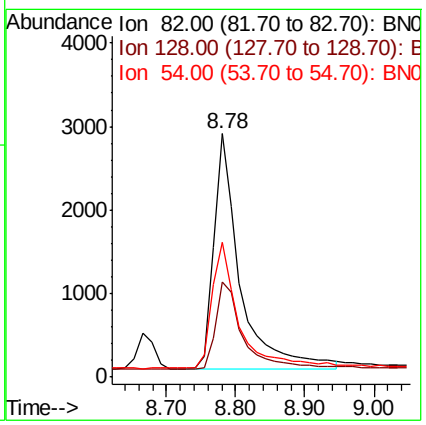


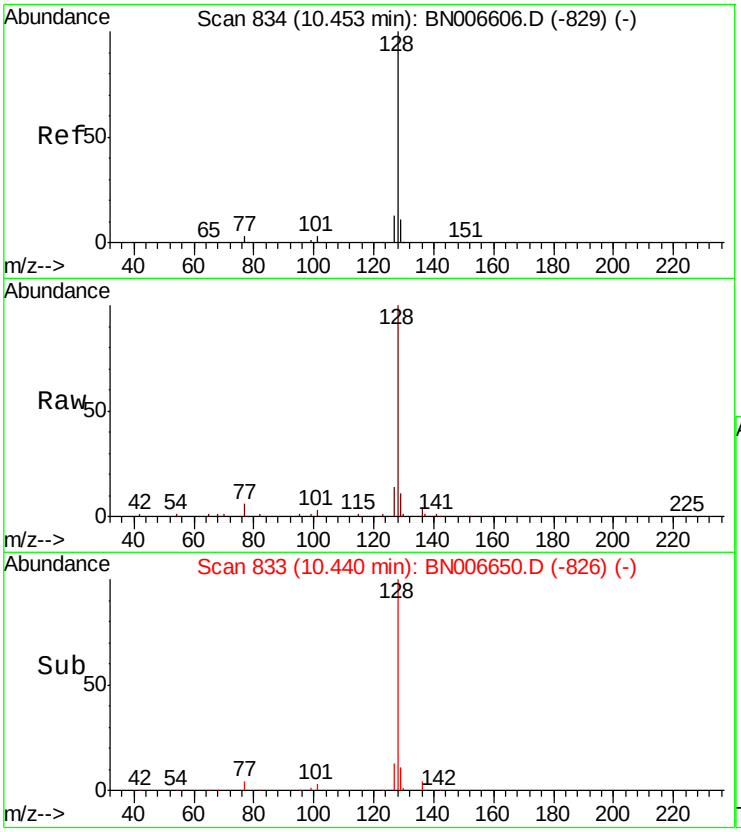


#8
Nitrobenzene-d5
Concen: 0.441 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion: 82 Resp: 7446

Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.6	49.0
54	55.5	48.2	72.4



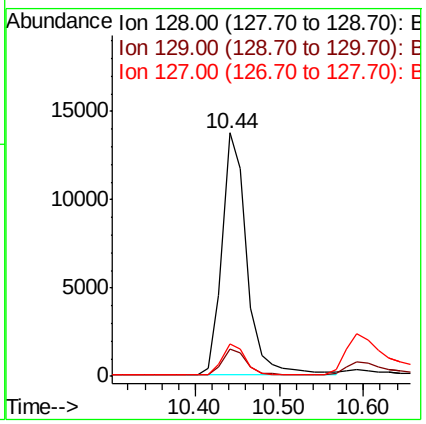


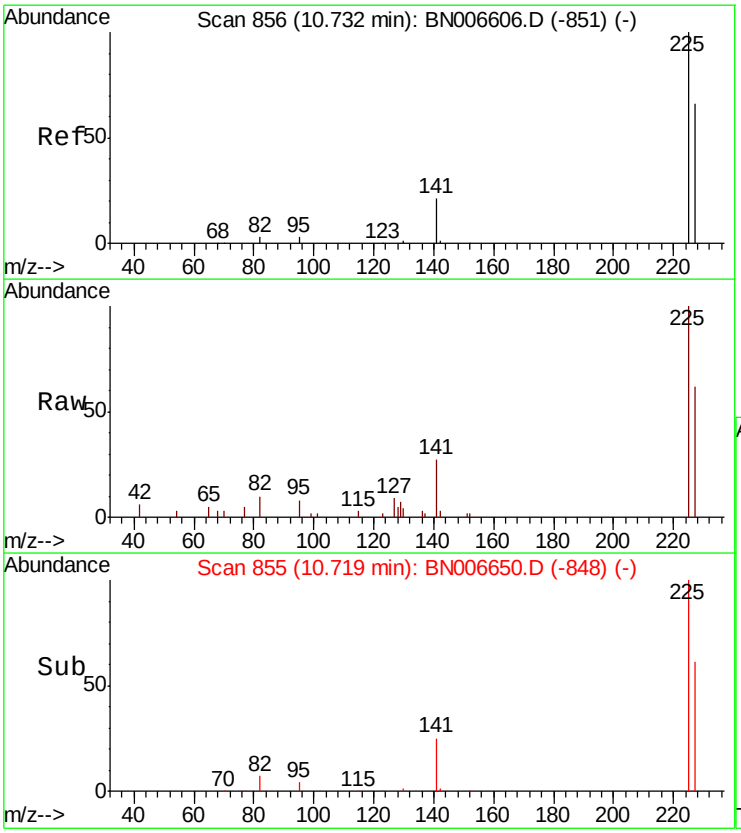
#9
Naphthalene
Concen: 0.424 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 27945

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.6	10.8	16.2

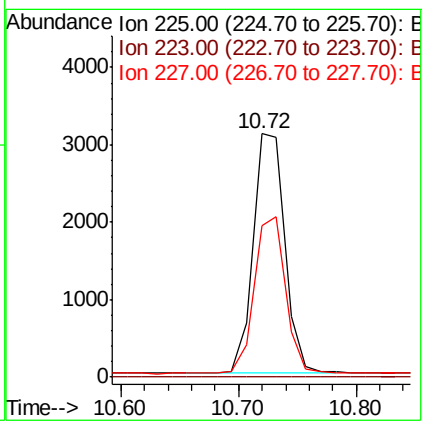


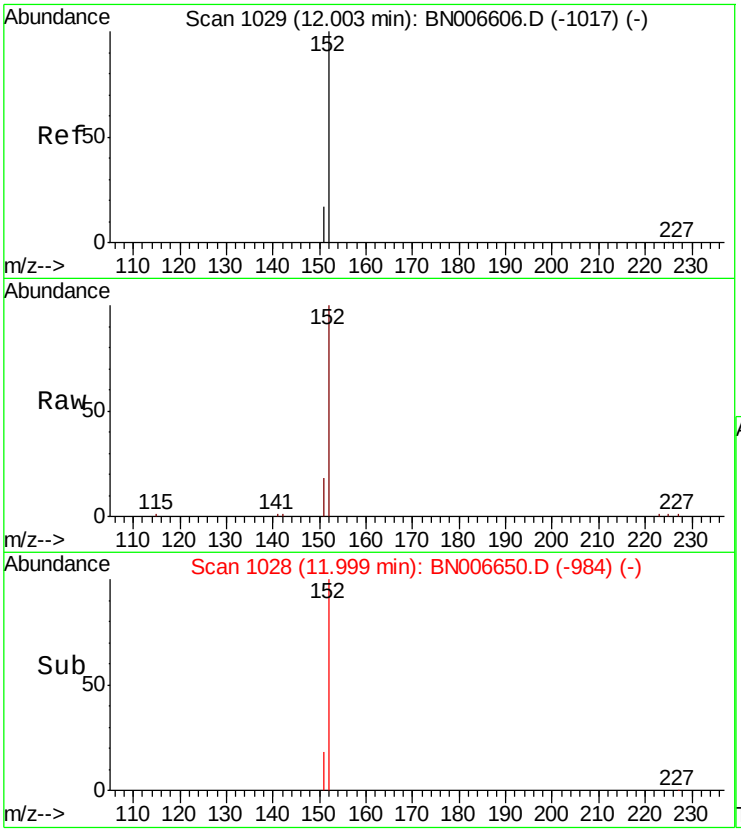


#10
Hexachlorobutadiene
Concen: 0.432 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:225 Resp: 5858

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.4	77.2



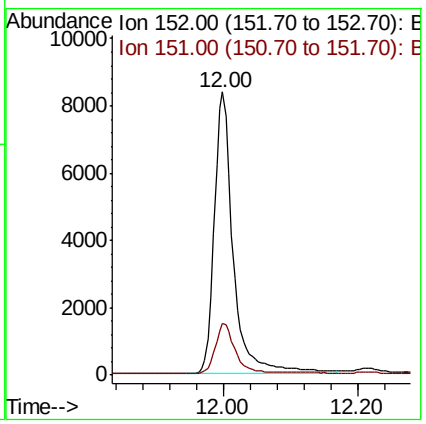


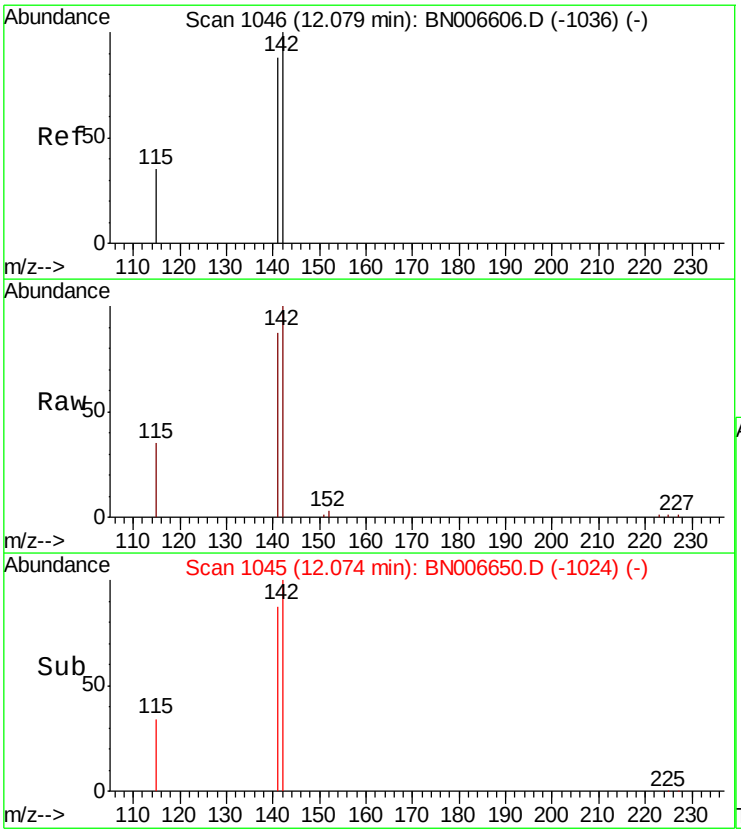
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16257

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.4

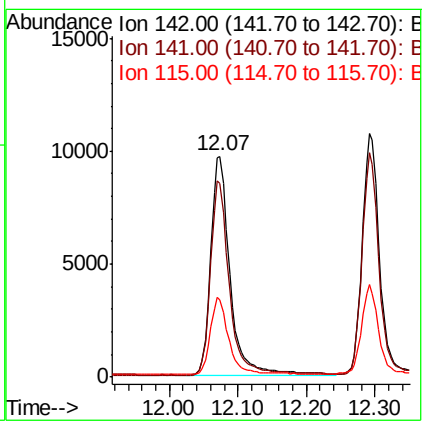


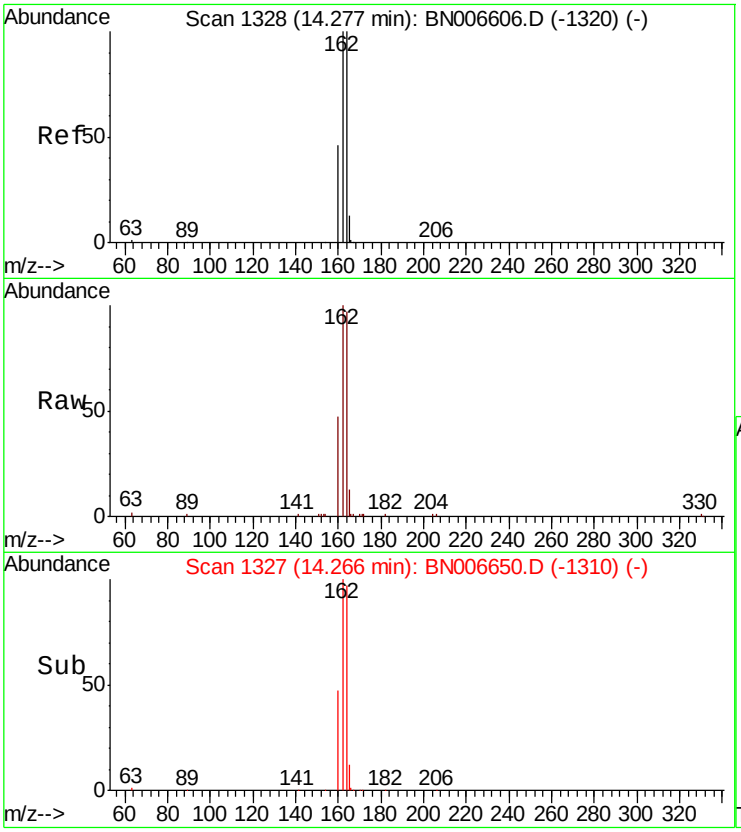


#12
2-Methylnaphthalene
Concen: 0.418 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:142 Resp: 19069

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.2	105.4
115	34.8	28.5	42.7



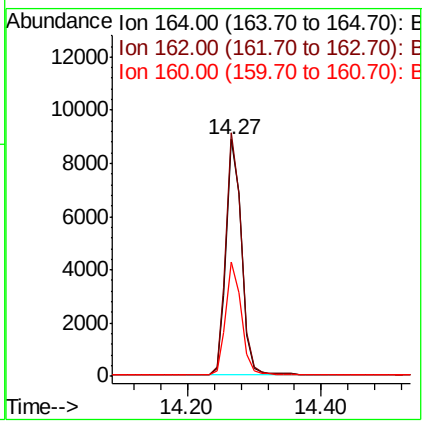


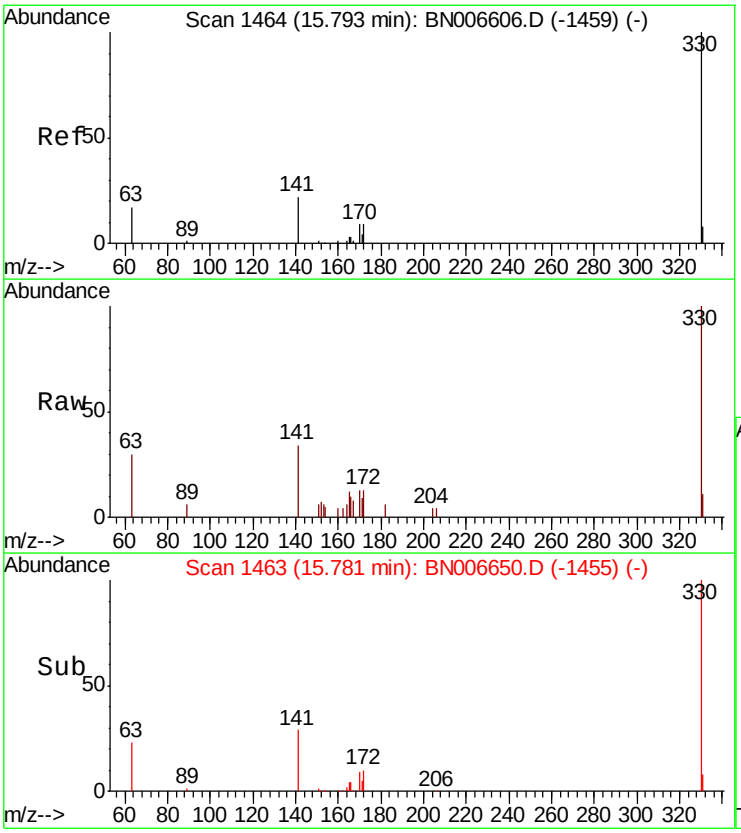
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 14097

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.0	120.0
160	48.1	37.0	55.4

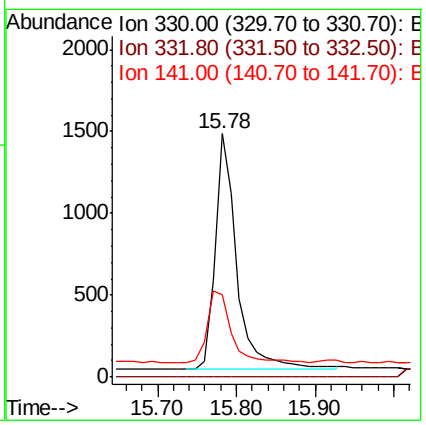


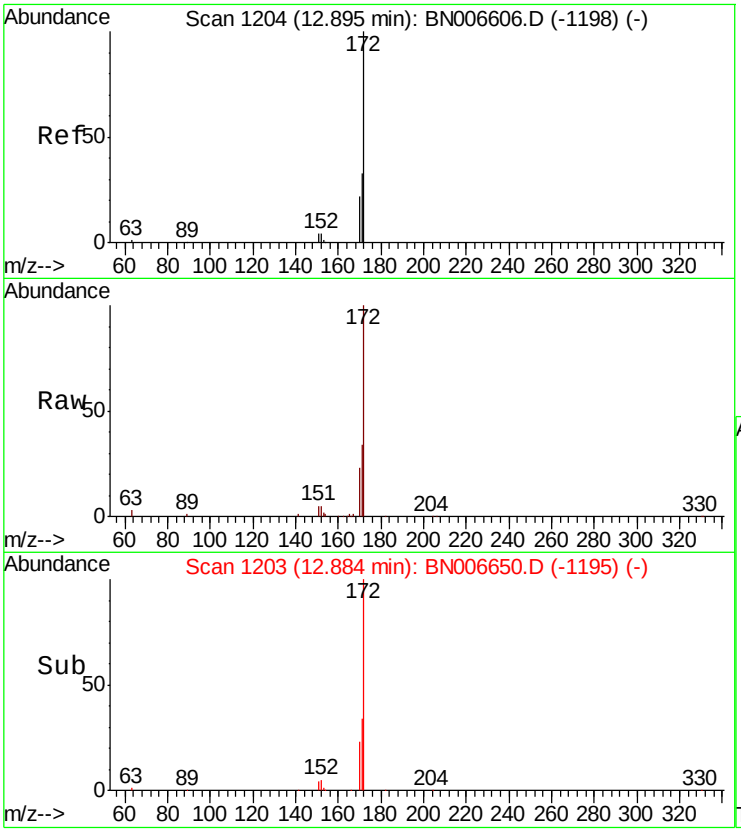


#14
2,4,6-Tribromophenol
Concen: 0.416 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:330 Resp: 2759

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.4	26.5	39.7



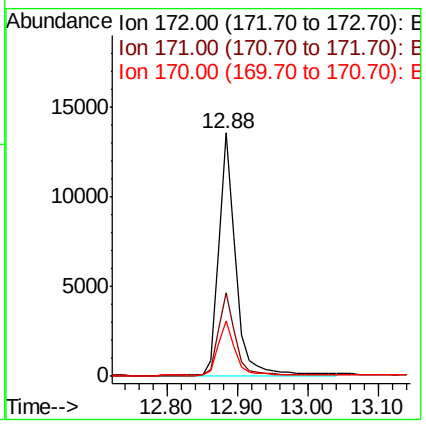


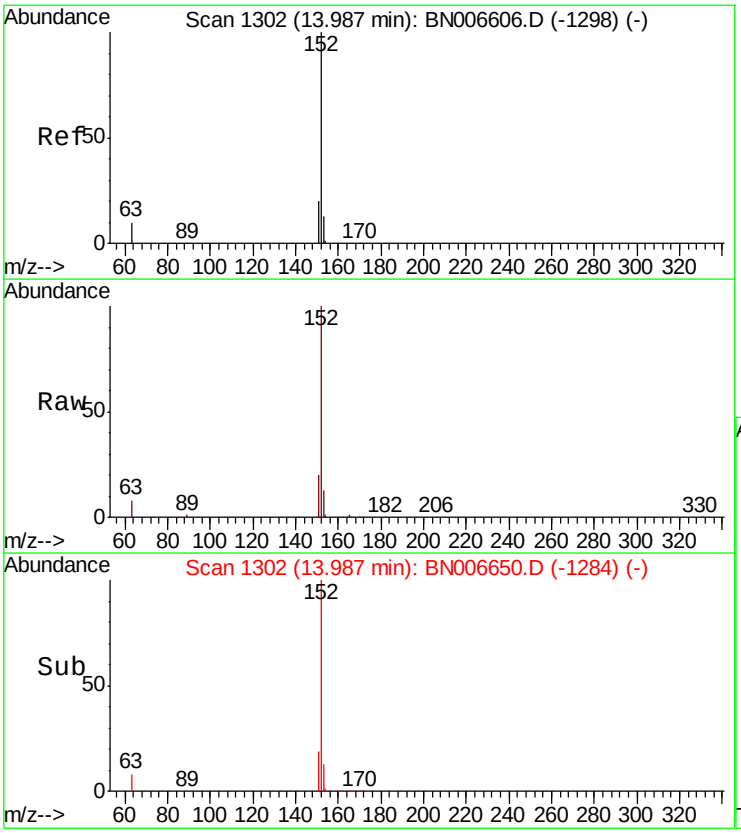
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 22961

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.0	40.4
170	23.0	17.7	26.5

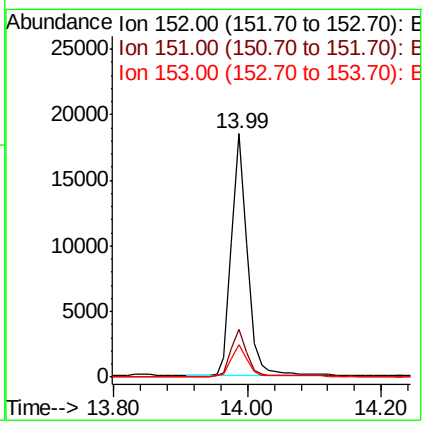


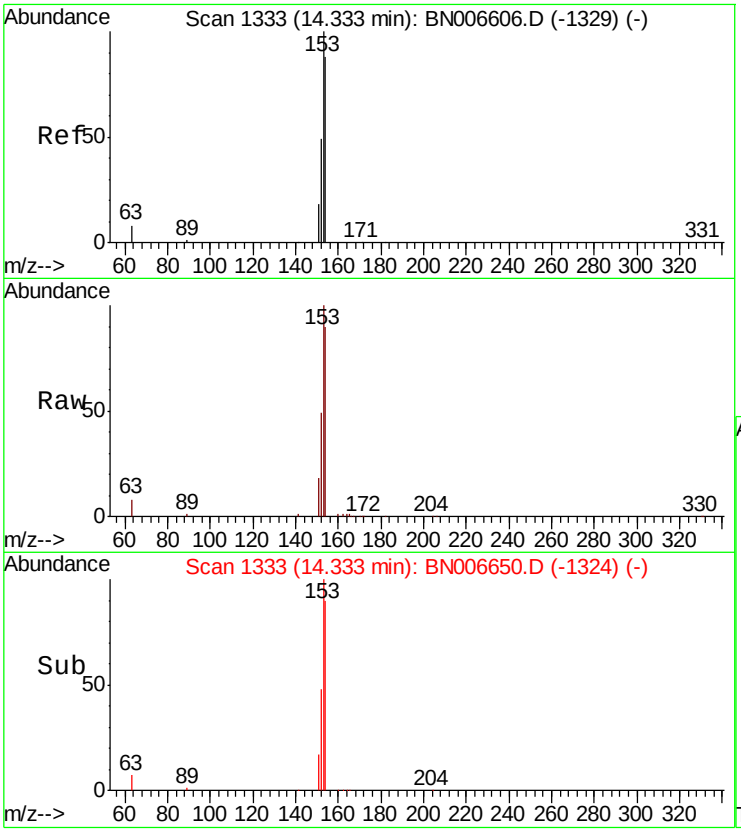


#16
Acenaphthylene
Concen: 0.448 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:152 Resp: 30108

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.0	10.5	15.7



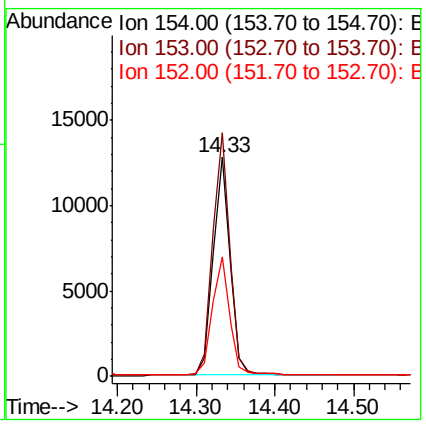


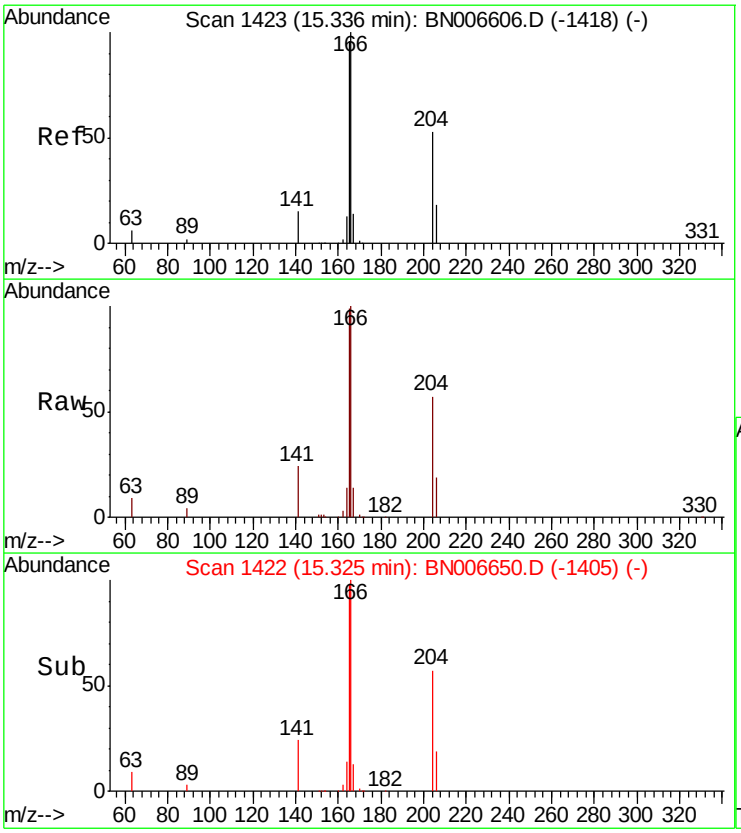
#17
Acenaphthene
Concen: 0.431 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 19074

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.2	135.4
152	54.3	44.2	66.4

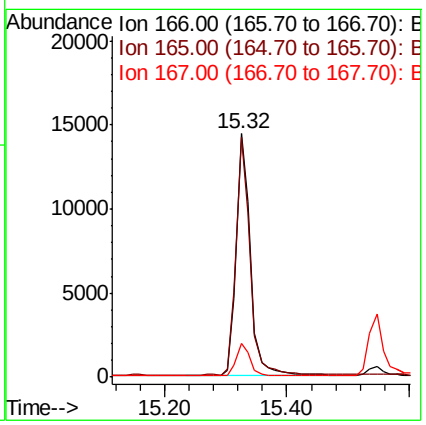


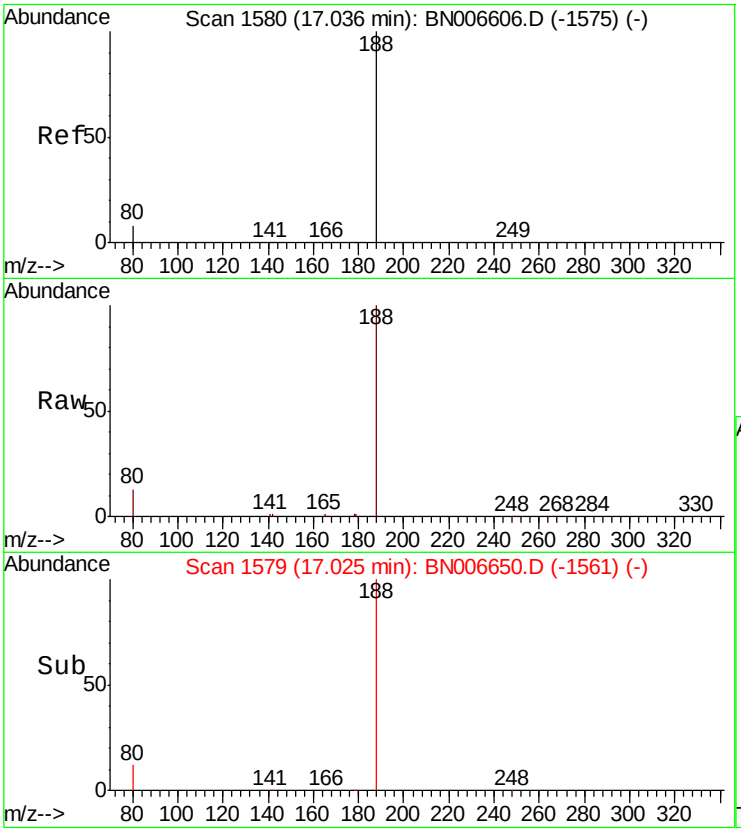


#18
Fluorene
Concen: 0.418 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:166 Resp: 23378

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	13.4	10.8	16.2



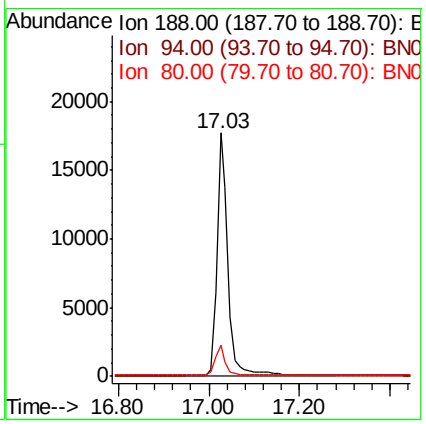


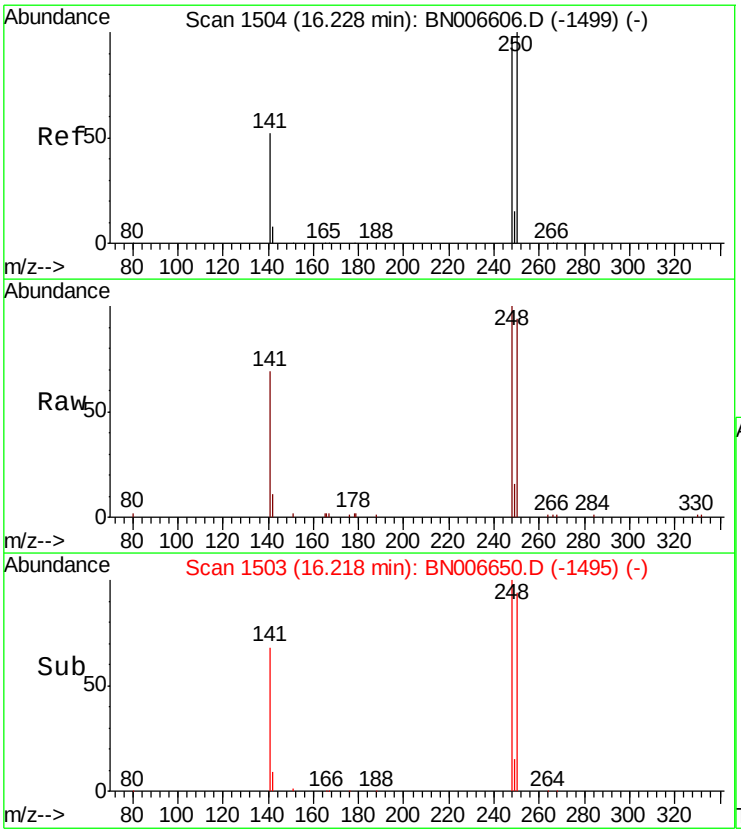
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 29723

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	7.1	10.7#

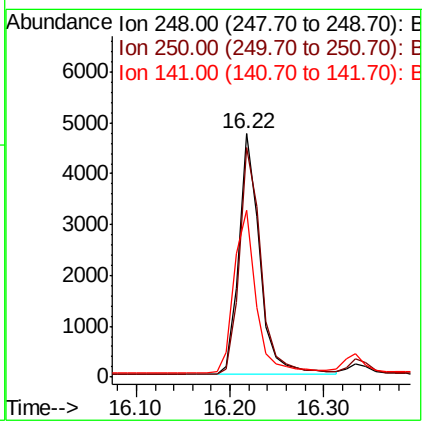


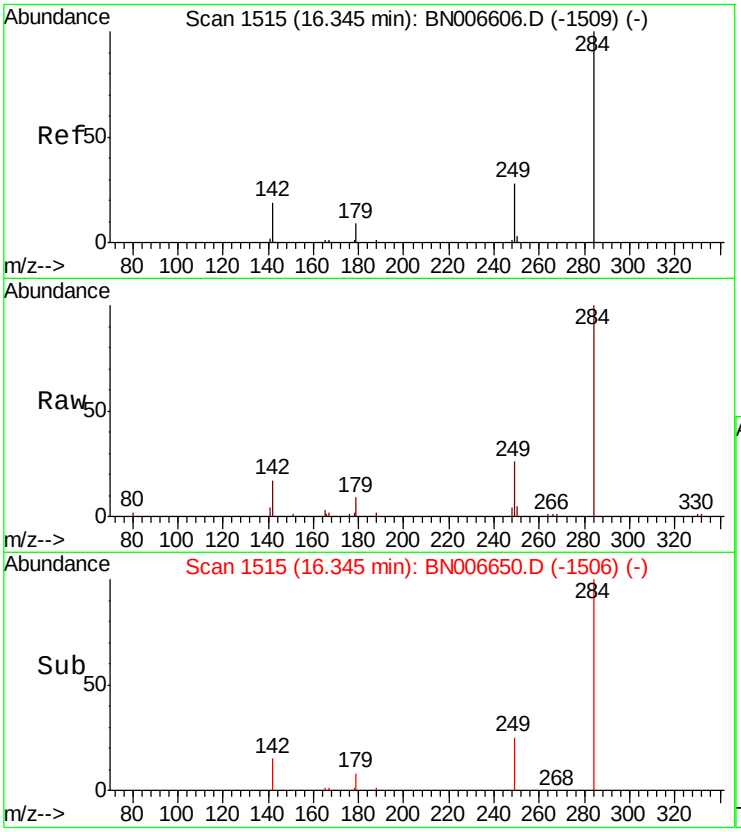


#20
4-Bromophenyl-phenylether
Concen: 0.449 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:248 Resp: 7398

Ion	Ratio	Lower	Upper
248	100		
250	94.2	82.2	123.4
141	68.6	43.8	65.8#



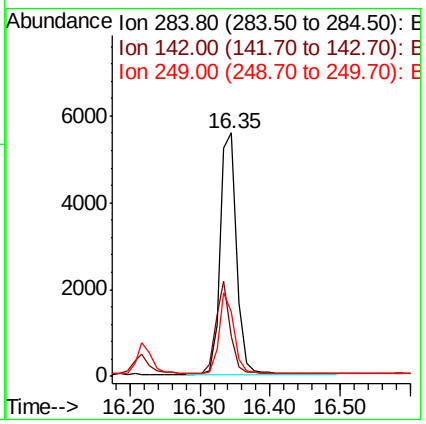


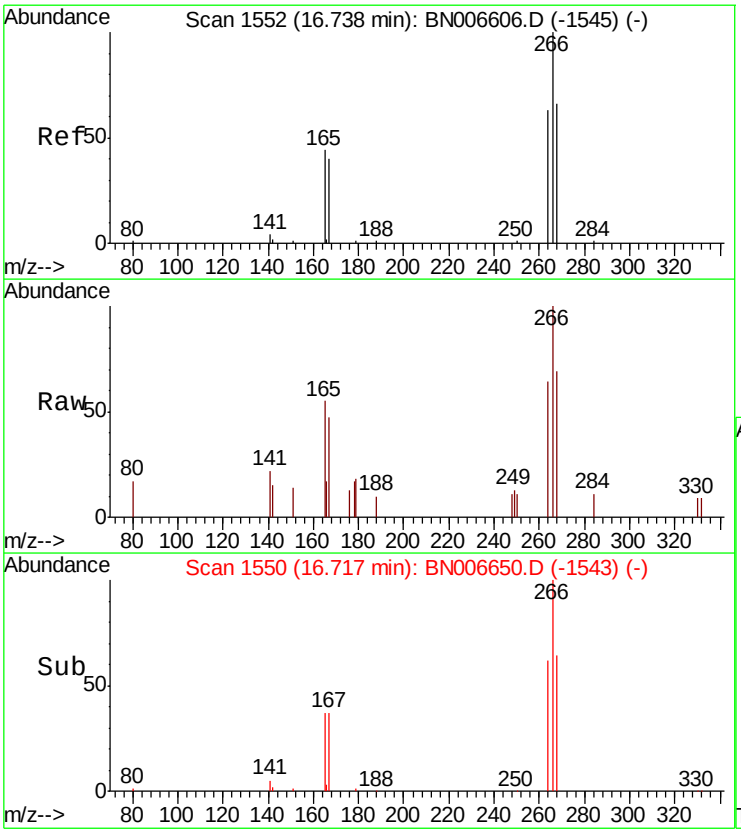
#21
Hexachlorobenzene
Concen: 0.434 ng
RT: 16.35 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 9027

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.5	41.3
249	30.6	24.7	37.1

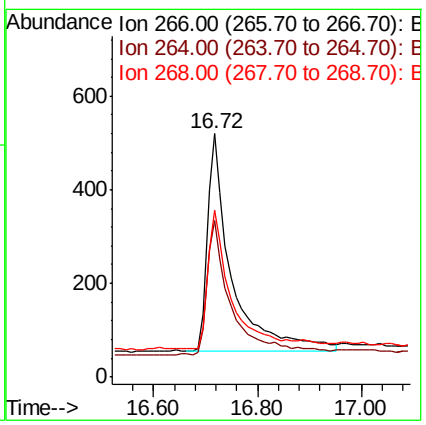


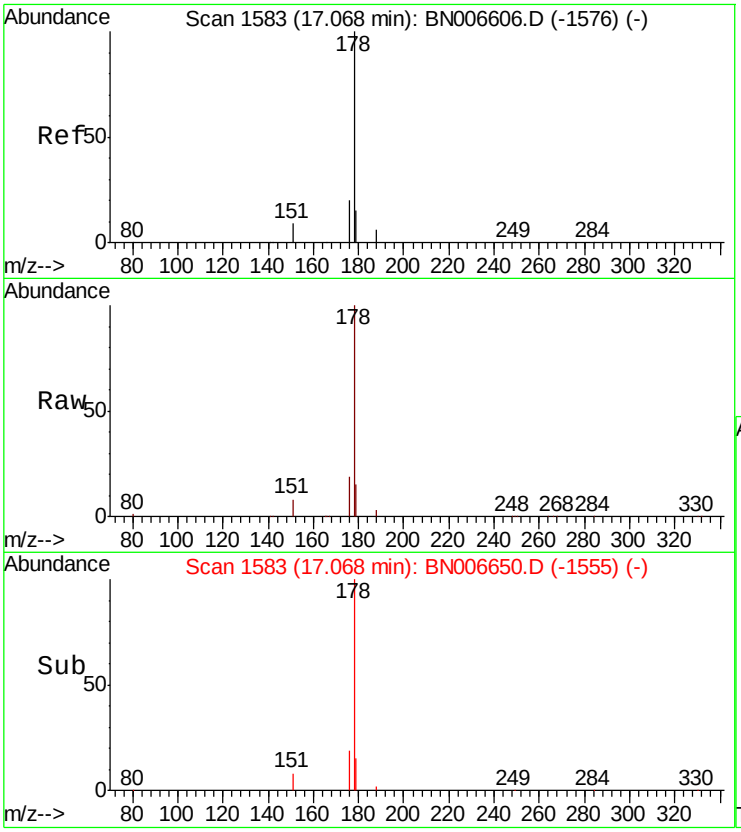


#22
Pentachlorophenol
Concen: 0.512 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:266 Resp: 1522

Ion	Ratio	Lower	Upper
266	100		
264	64.2	56.2	84.4
268	68.7	63.0	94.4



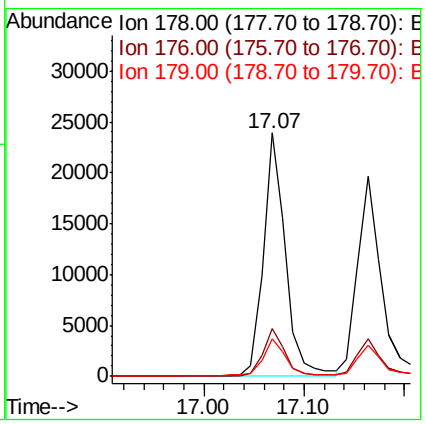


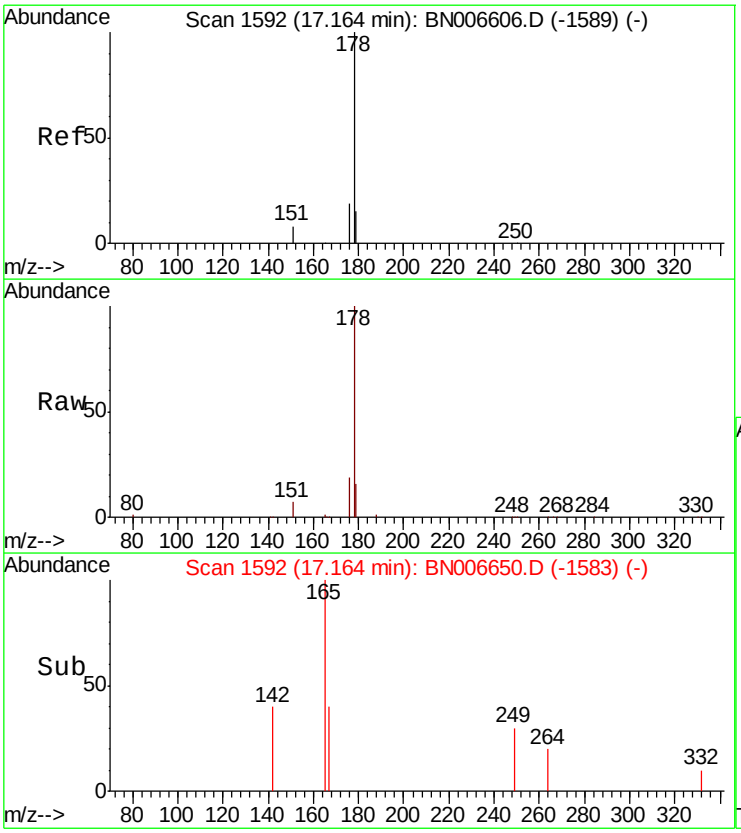
#23
Phenanthrene
Concen: 0.431 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 36386

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.2	18.4

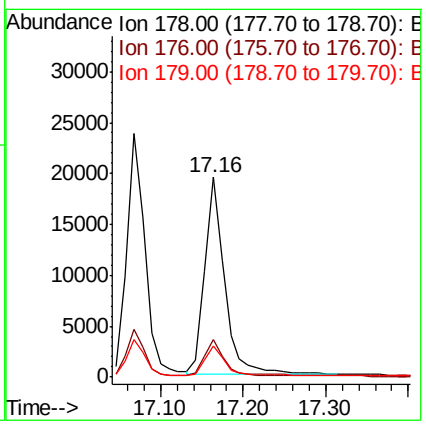


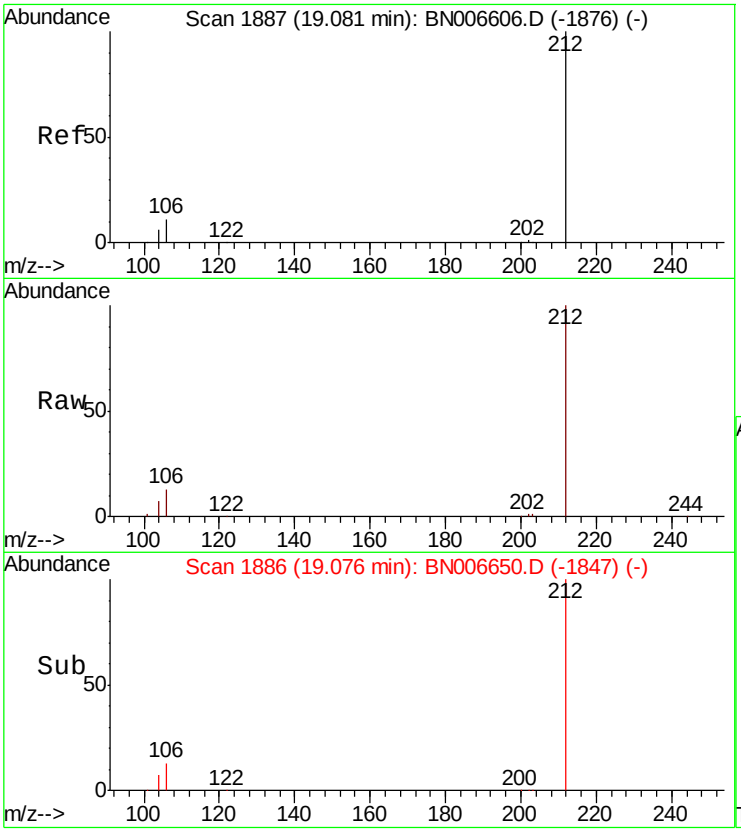


#24
Anthracene
Concen: 0.436 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:178 Resp: 31996

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	14.6	12.2	18.2



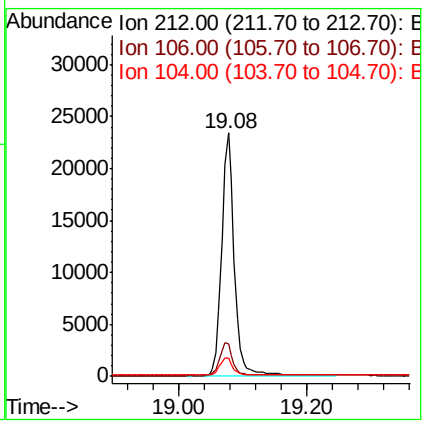


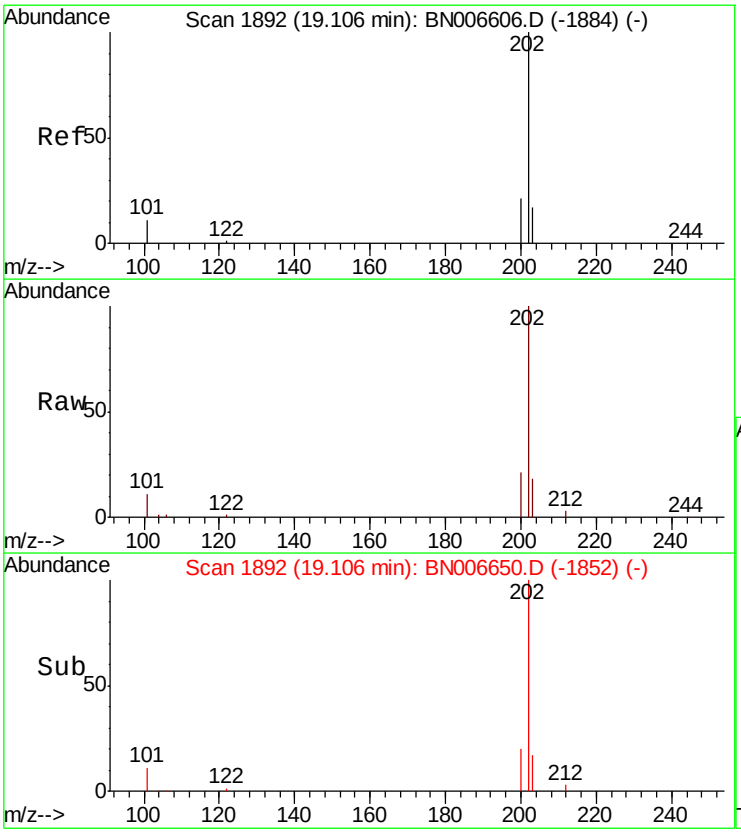
#25
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 32887

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.6	15.8
104	7.5	5.8	8.6

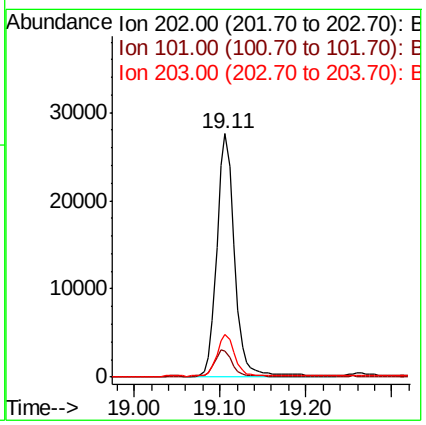


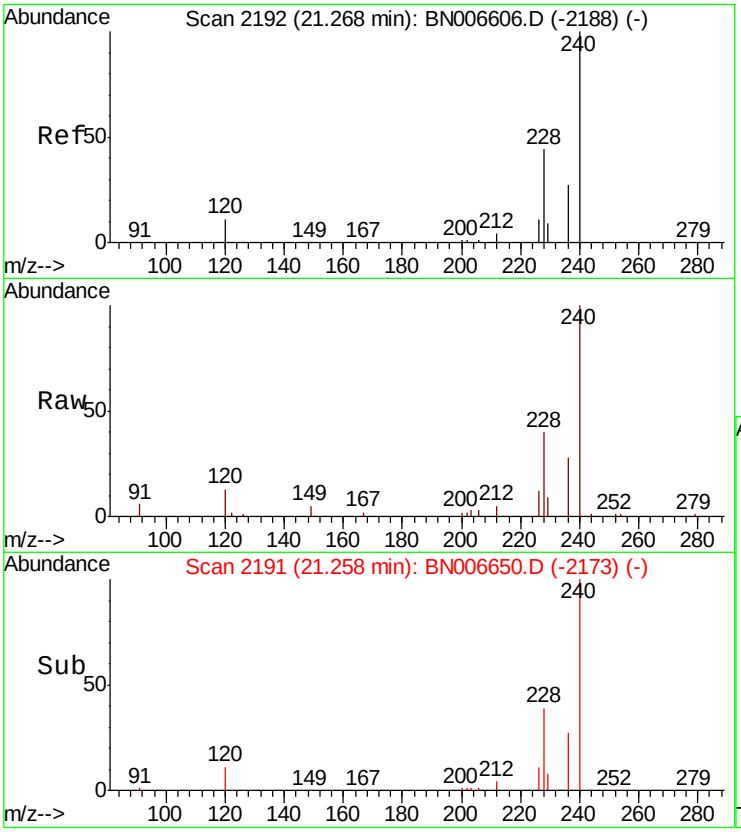


#26
Fluoranthene
Concen: 0.380 ng
RT: 19.11 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:202 Resp: 39047

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.0	13.6	20.4



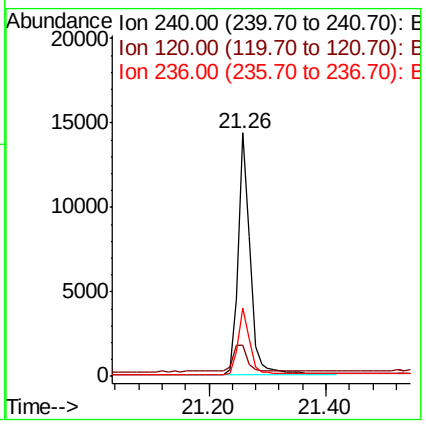


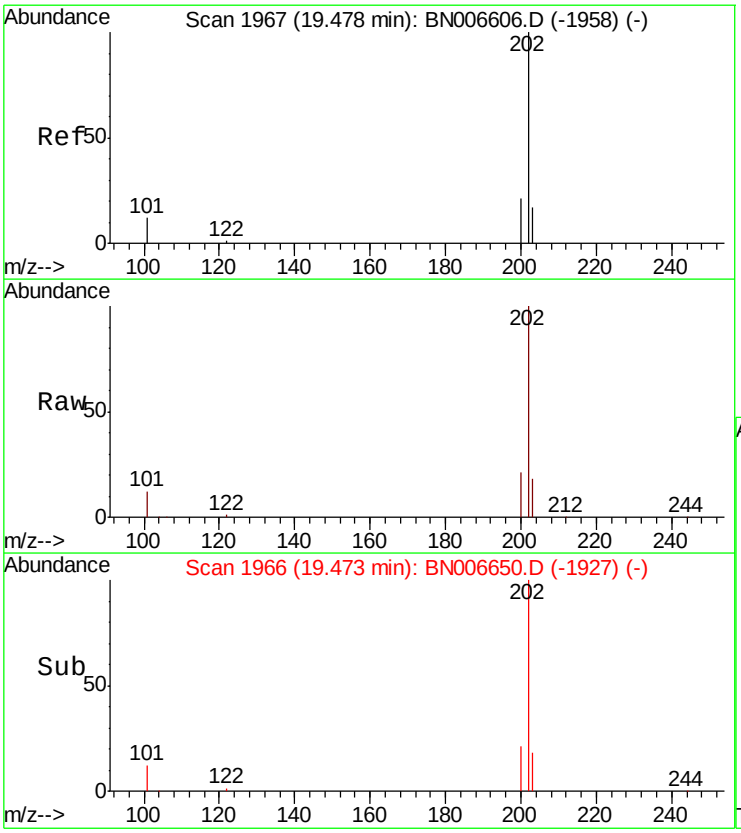
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 19814

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.9	14.9
236	28.0	22.2	33.4

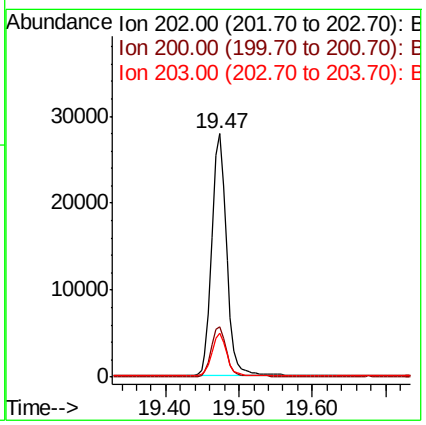


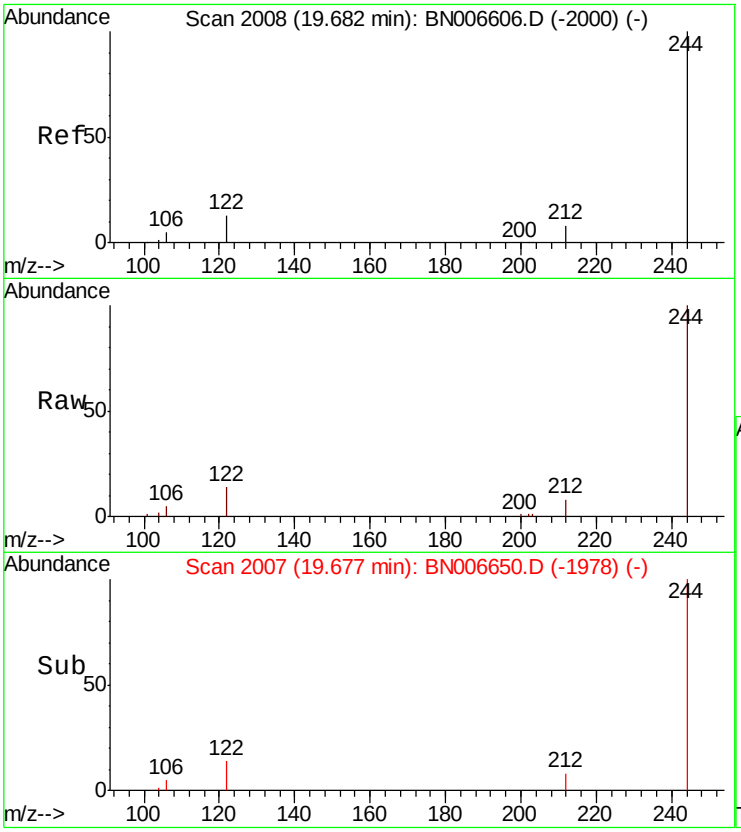


#28
Pyrene
Concen: 0.559 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:202 Resp: 38775

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	14.1	21.1



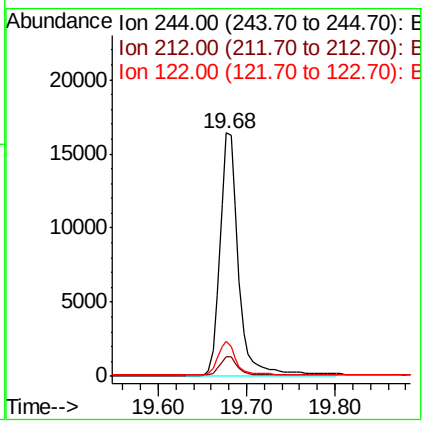


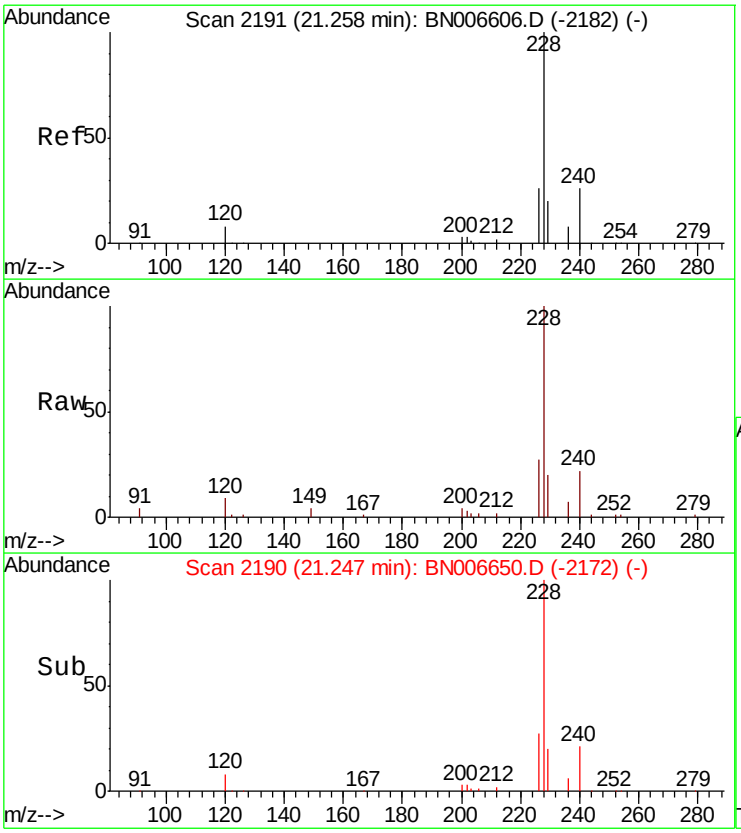
#29
Terphenyl-d14
Concen: 0.570 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 23669

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.7	10.1
122	14.3	11.0	16.6

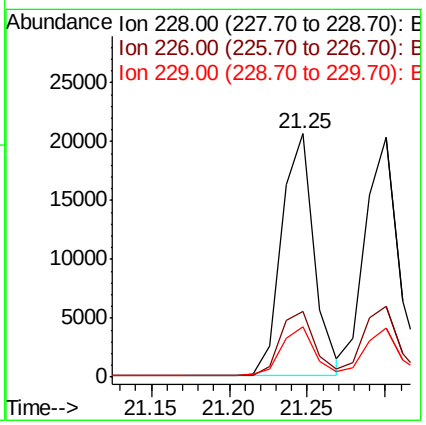


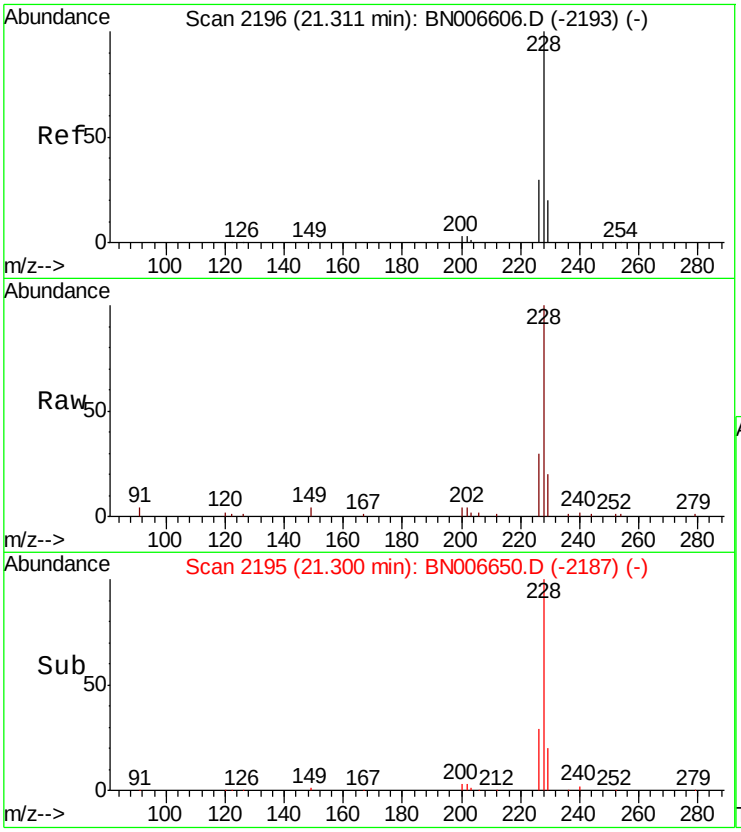


#30
Benzo(a)anthracene
Concen: 0.457 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:228 Resp: 29614

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.2	31.8
229	20.5	16.1	24.1



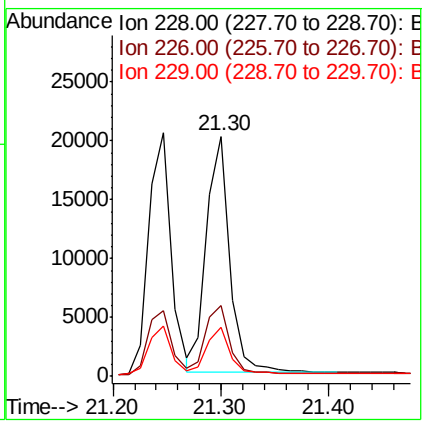


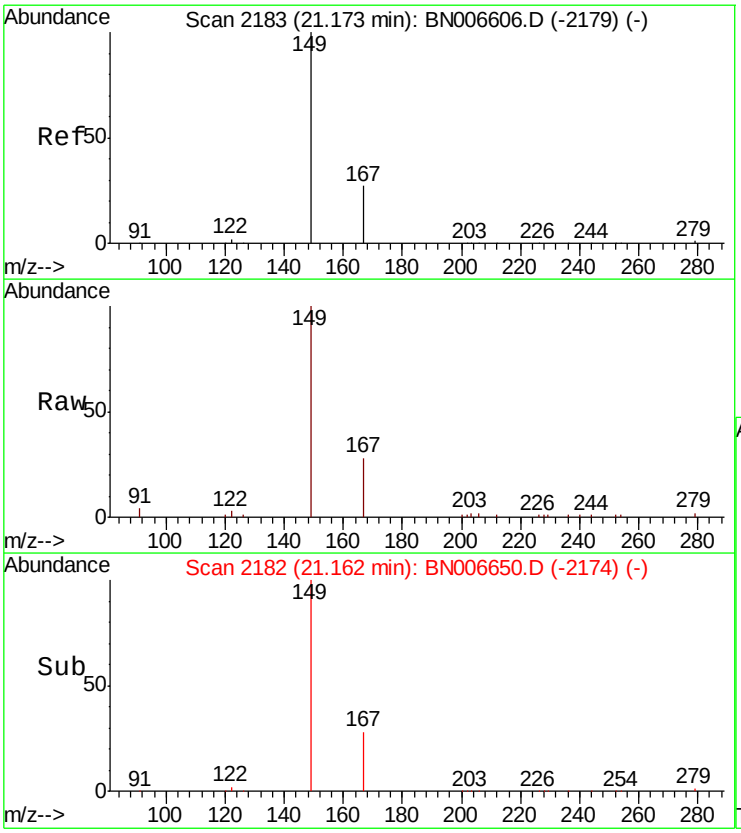
#31
Chrysene
Concen: 0.430 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 30010

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	20.3	15.9	23.9

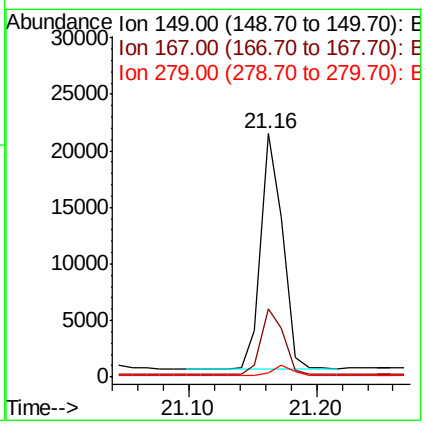


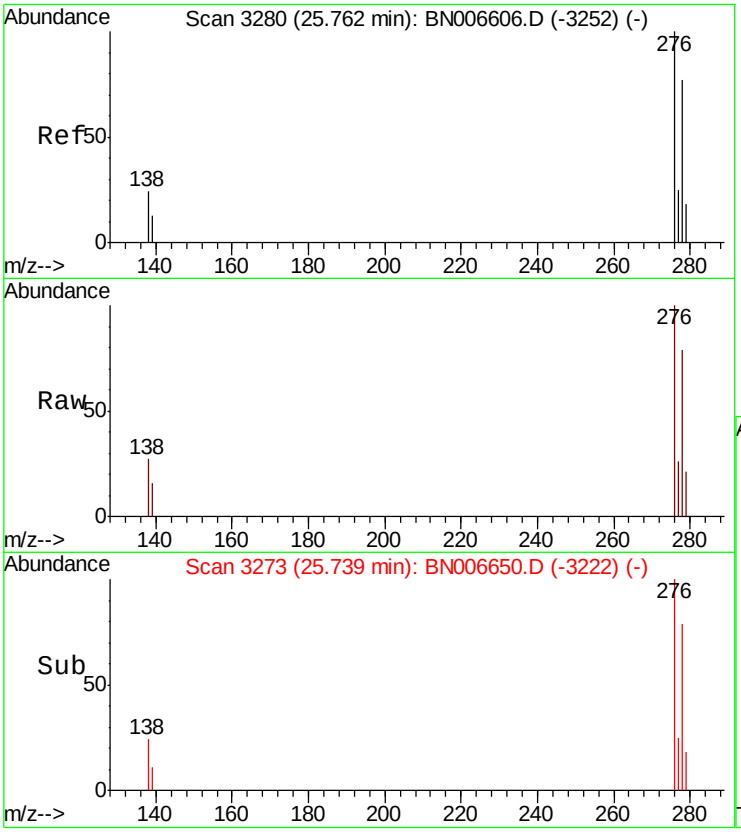


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.764 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:149 Resp: 24897

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.9	34.3
279	4.1	3.3	4.9



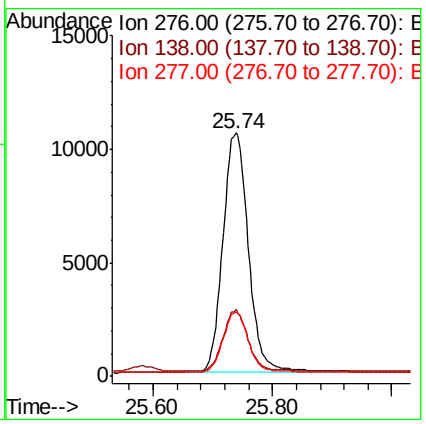


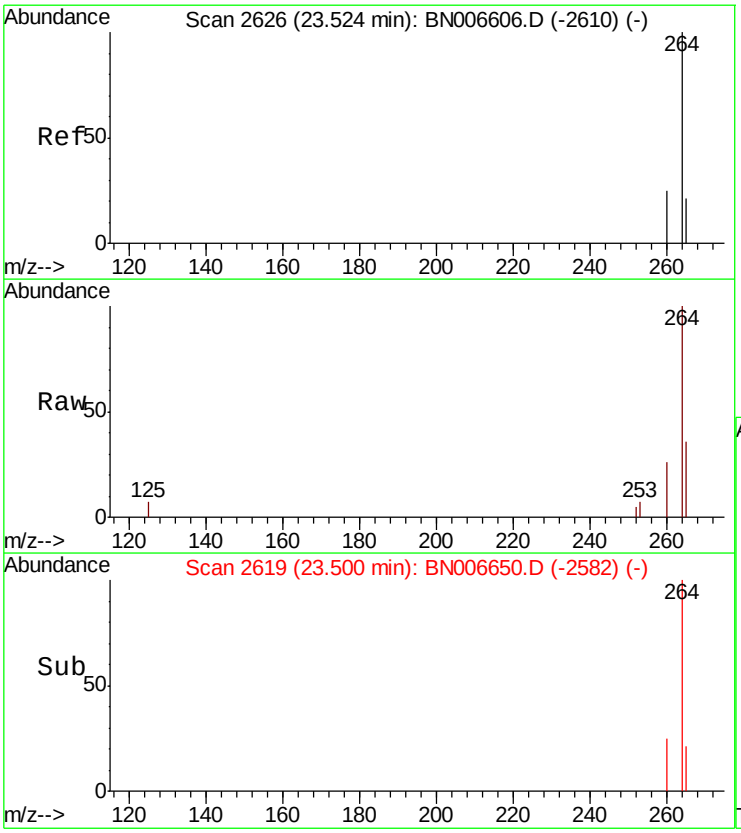
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng
RT: 25.74 min Scan# 3273
Delta R.T. -0.02 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 31596

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.3	28.9
277	24.5	19.9	29.9

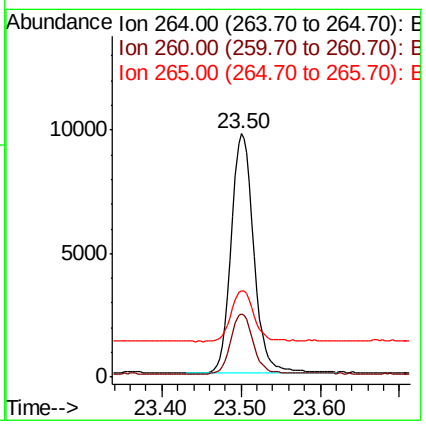


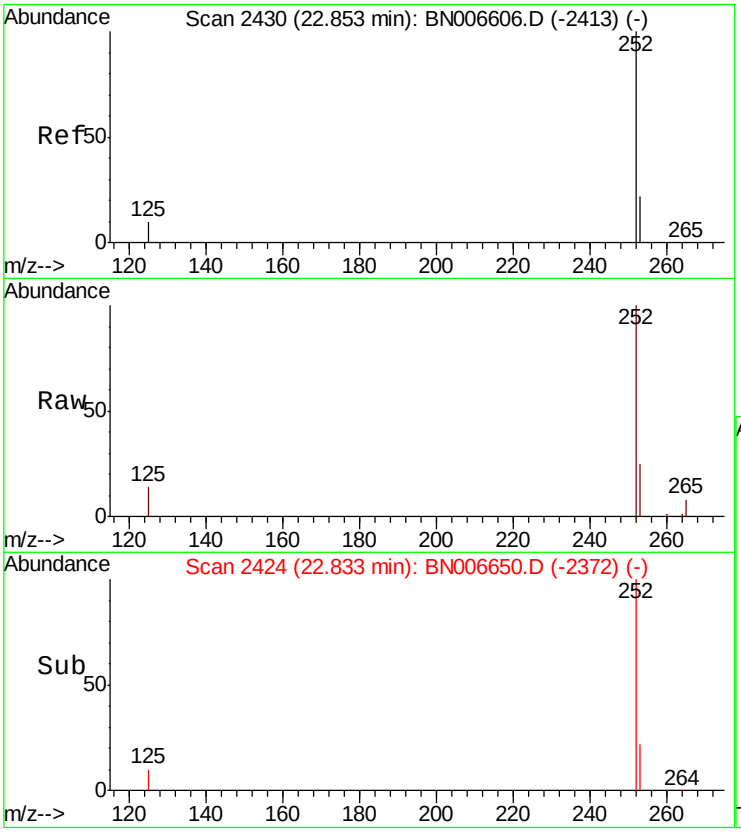


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:264 Resp: 19370

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.2	30.2
265	35.5	23.3	34.9#



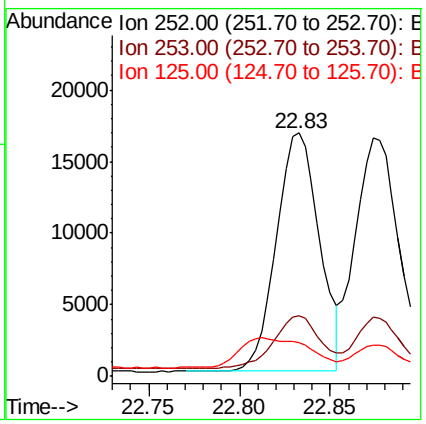


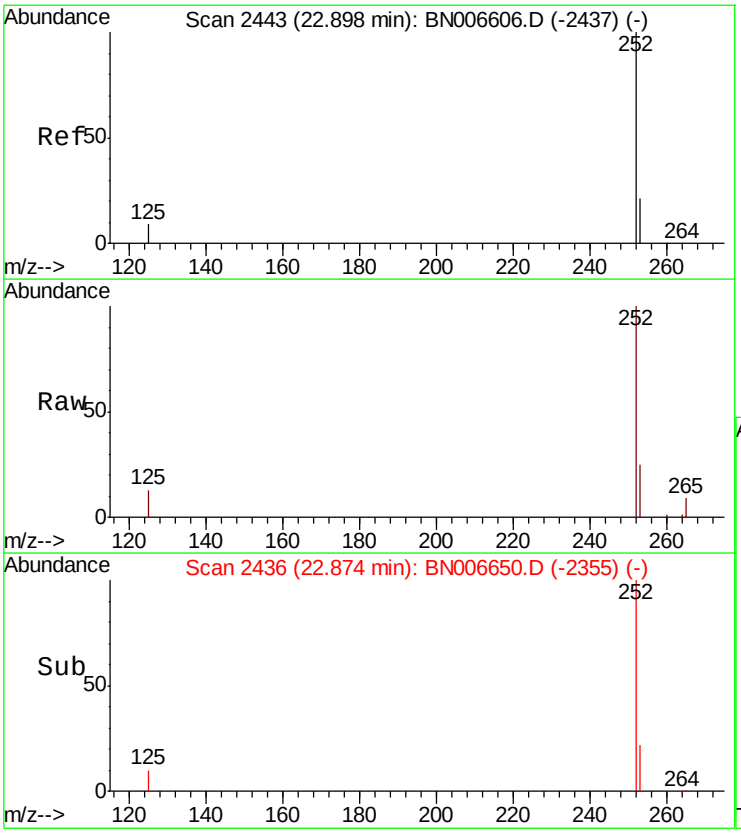
#35
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 27498

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	13.7	8.7	13.1#

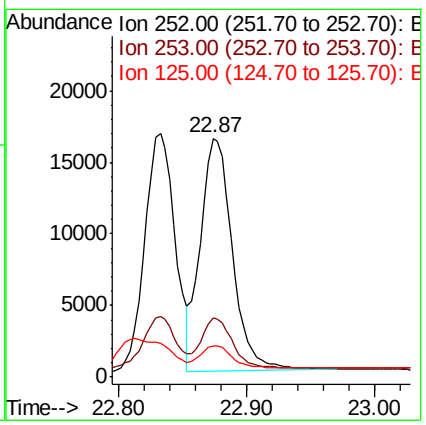


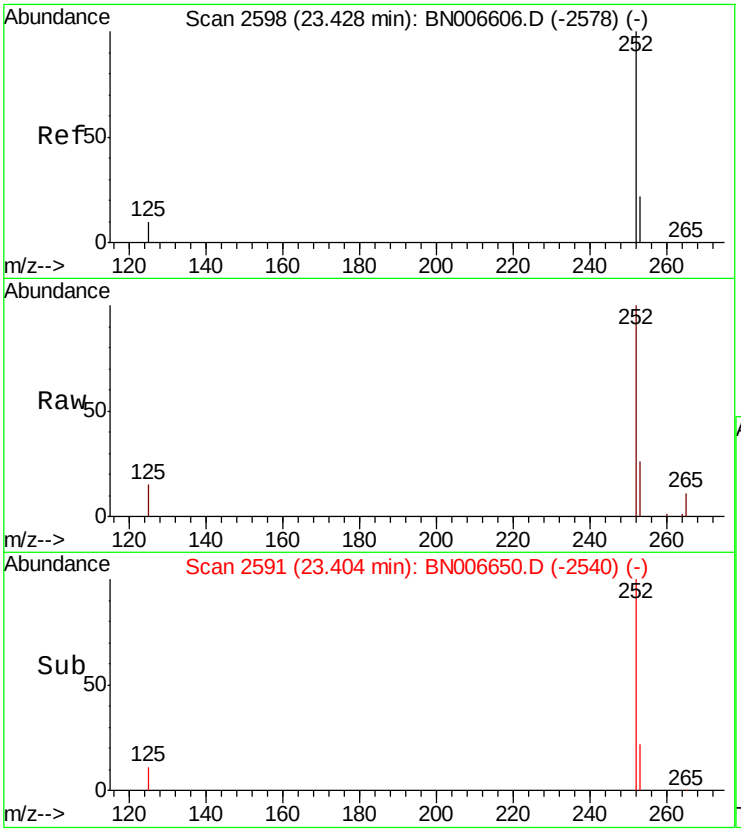


#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 22.87 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:252 Resp: 28142

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.3	27.5
125	13.2	8.4	12.6#



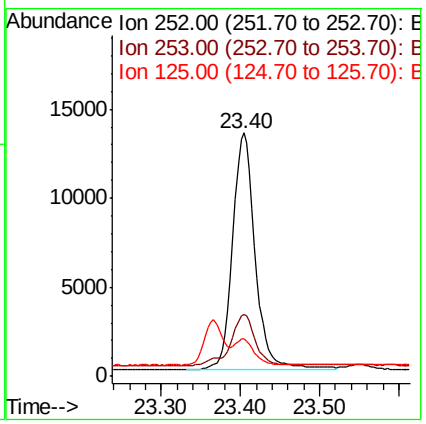


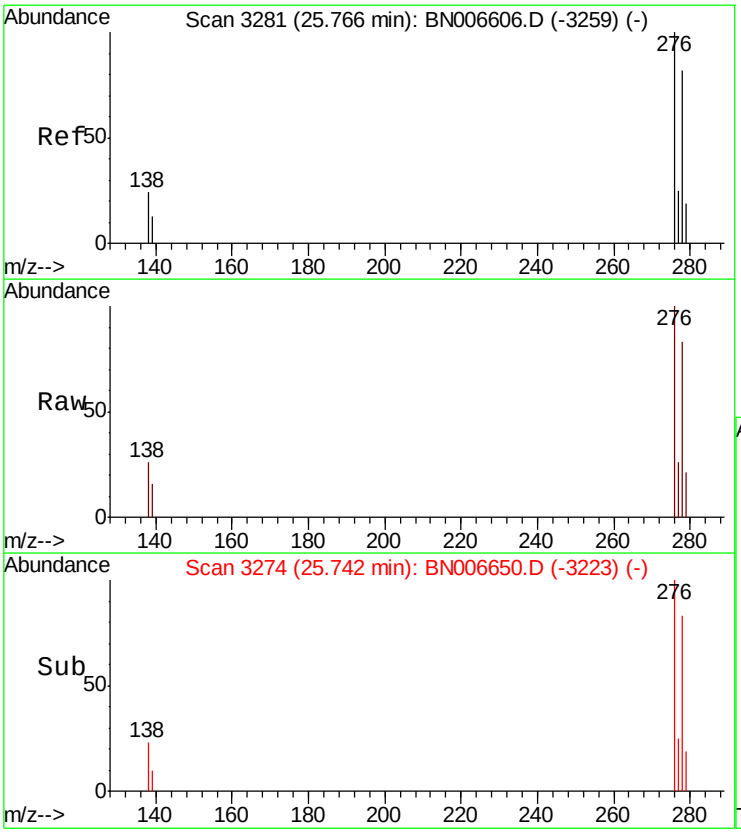
#37
Benzo(a)pyrene
Concen: 0.431 ng
RT: 23.40 min Scan# 2591
Delta R.T. -0.02 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 26569

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.8	28.2
125	15.3	9.4	14.2#

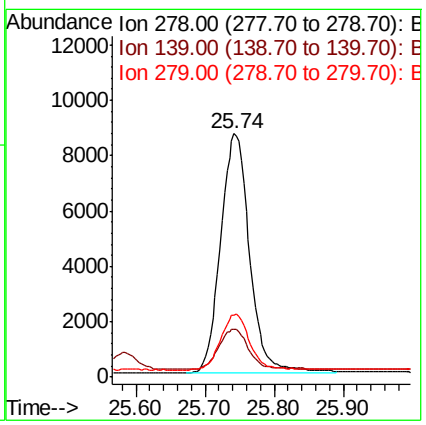


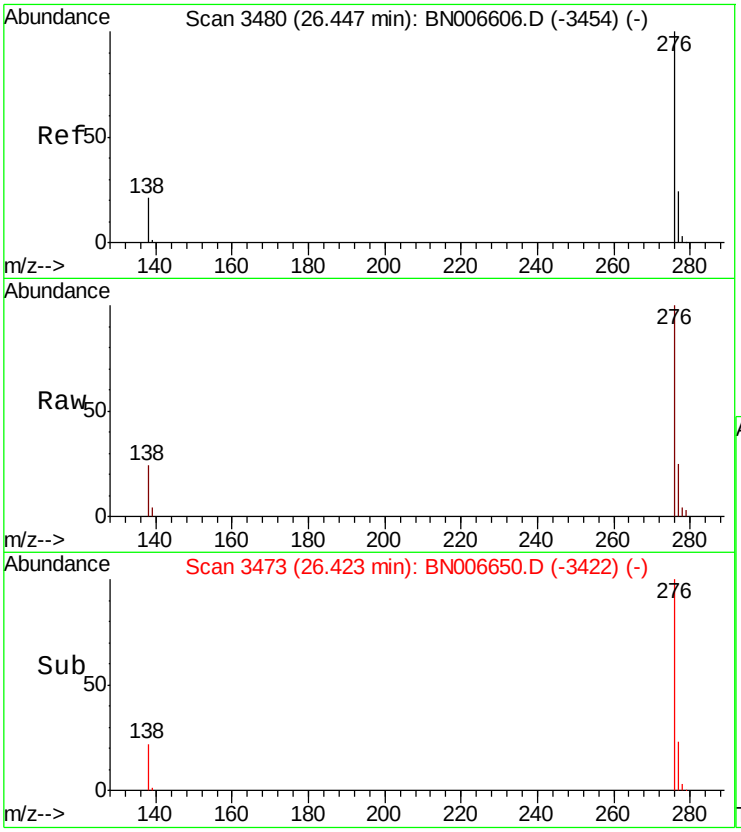


#38
Dibenzo(a,h)anthracene
Concen: 0.469 ng
RT: 25.74 min Scan# 3274
Delta R.T. -0.02 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Tgt Ion:278 Resp: 25243

Ion	Ratio	Lower	Upper
278	100		
139	19.6	13.5	20.3
279	25.6	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.482 ng
RT: 26.42 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BN006650.D
Acq: 29 Jun 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 25896

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.6	29.4
138	23.8	17.7	26.5