Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006607.D
Acq On : 28 Jun 2019 10:50
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jun 28 13:18:10 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 13:12:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5465	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	24054	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	15182	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	35077	0.40	ng		-0.01
27) Chrysene-d12	21.27	240	35008	0.40	ng		0.00
34) Perylene-d12	23.52	264	36911	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	11369	0.83	ng		0.00
5) Phenol-d6	6.81	99	15241	0.94	ng		-0.02
8) Nitrobenzene-d5	8.78	82	13902	1.00	ng		-0.01
11) 2-Methylnaphthalene-d10	12.00	152	29969	0.80	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	5846	0.69	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	47331	0.83	ng		-0.01
25) Fluoranthene-d10	19.08	212	79362	0.79	ng		0.00
29) Terphenyl-d14	19.68	244	60934	0.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	5259	0.895	ng		94
3) n-Nitrosodimethylamine	3.50	42	5034	1.404	ng	#	94
6) bis(2-Chloroethyl)ether	7.06	93	12778	0.837	ng		88
9) Naphthalene	10.45	128	49515	0.819	ng		98
10) Hexachlorobutadiene	10.73	225	10039	0.894	ng	#	100
12) 2-Methylnaphthalene	12.07	142	35013	0.803	ng		100
16) Acenaphthylene	13.99	152	57711	0.805	ng		100
17) Acenaphthene	14.33	154	37660	0.828	ng		99
18) Fluorene	15.32	166	48212	0.789	ng		99
20) 4-Bromophenyl-phenylether	16.22	248	15653	0.779	ng	#	83
21) Hexachlorobenzene	16.34	284	19166	0.864	ng		100
22) Pentachlorophenol	16.72	266	3311	0.675	ng		89
23) Phenanthrene	17.07	178	80346	0.818	ng		100
24) Anthracene	17.16	178	69363	0.793	ng		100
26) Fluoranthene	19.11	202	96008	0.798	ng		100
28) Pyrene	19.47	202	97145	0.977	ng		100
30) Benzo(a)anthracene	21.26	228	88255	0.894	ng		100
31) Chrysene	21.31	228	97514	0.916	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	42287	1.023	ng		100
33) Indeno(1,2,3-cd)pyrene	25.76	276	102596	0.857	ng		100
35) Benzo(b)fluoranthene	22.85	252	98919	0.836	ng		98
36) Benzo(k)fluoranthene	22.89	252	102188	0.894	ng		98
37) Benzo(a)pyrene	23.42	252	92338	0.878	ng		98
38) Dibenzo(a,h)anthracene	25.77	278	82473	0.783	ng		99
39) Benzo(g,h,i)perylene	26.44	276	82040	0.774	ng		98

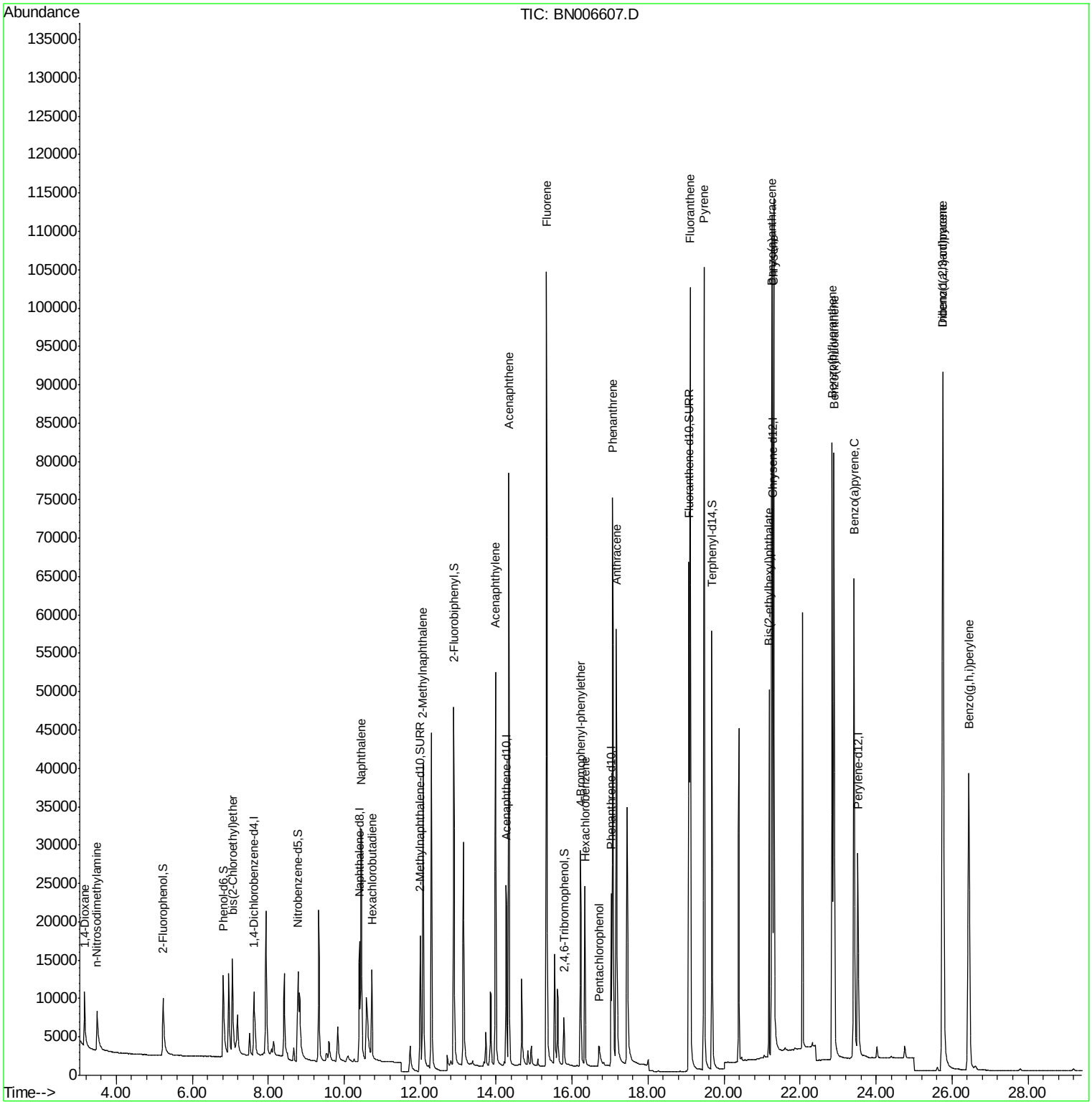
(#) = qualifier out of range (m) = manual integration (+) = signals summed

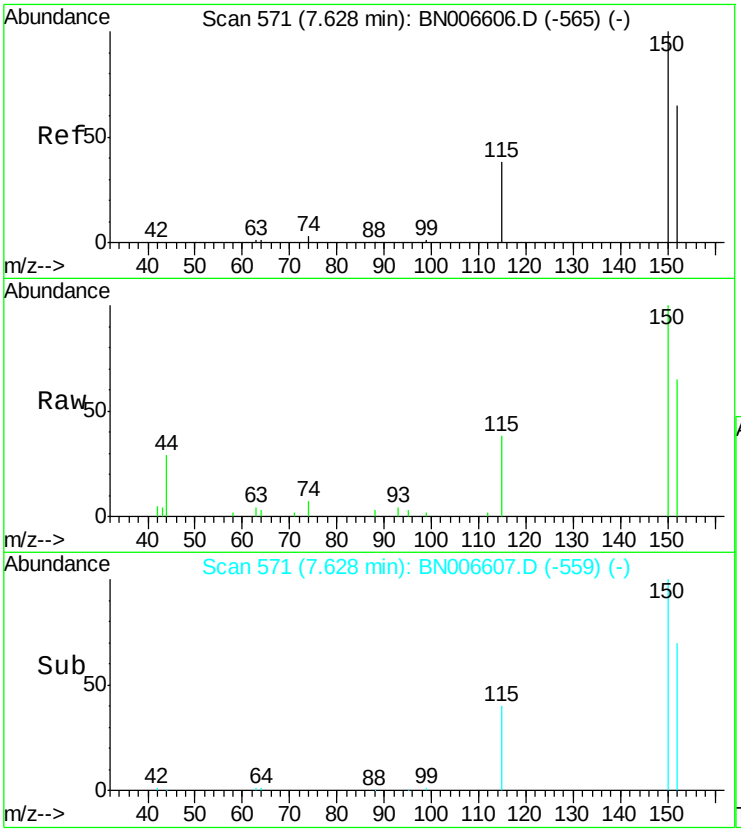
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006607.D
Acq On : 28 Jun 2019 10:50
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 28 13:18:10 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 13:12:15 2019
Response via : Initial Calibration



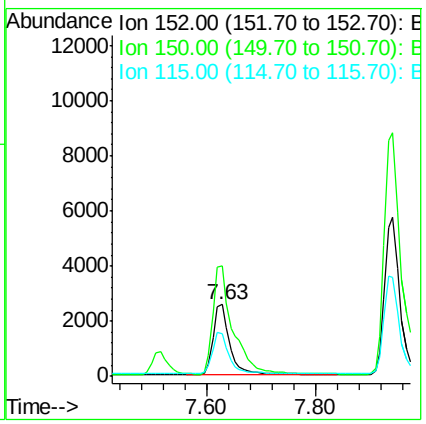


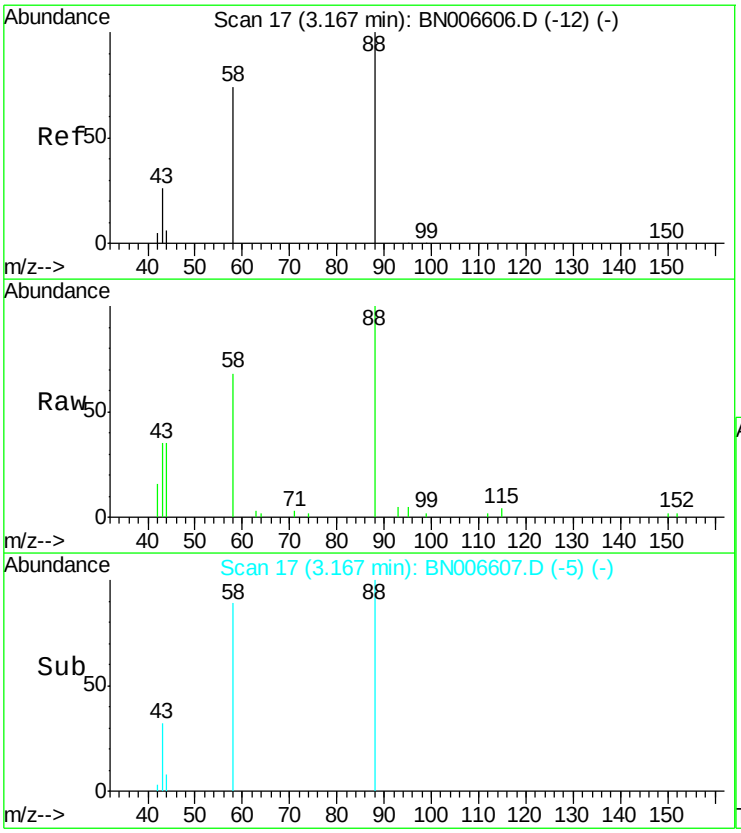
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 5465

Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.2	183.2
115	58.9	50.0	75.0

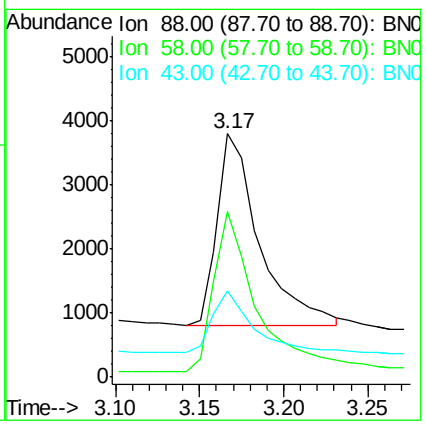


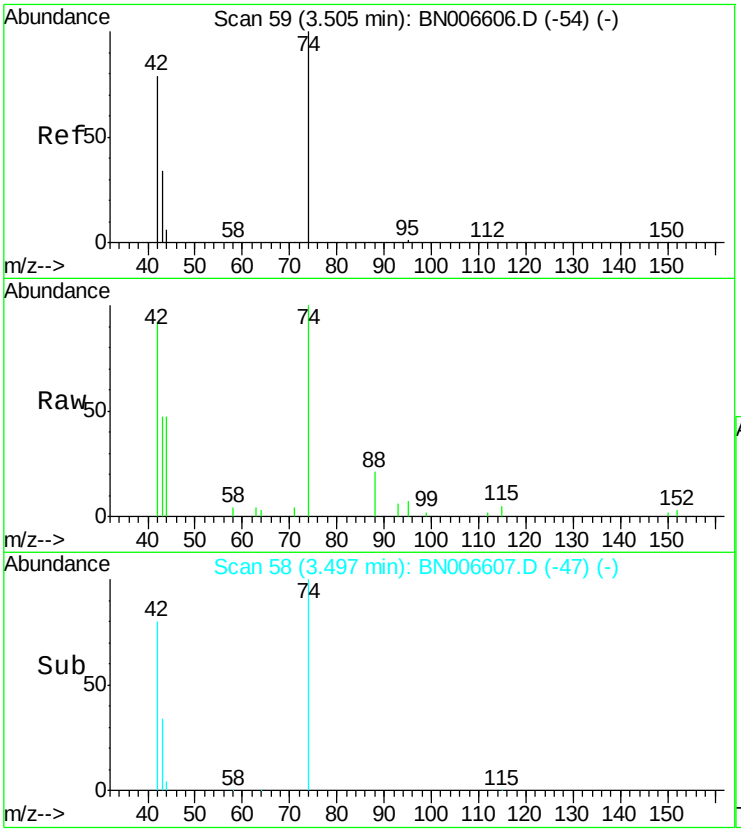


#2
1,4-Dioxane
Concen: 0.895 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion: 88 Resp: 5259

Ion	Ratio	Lower	Upper
88	100		
58	84.7	62.5	93.7
43	30.7	25.4	38.0



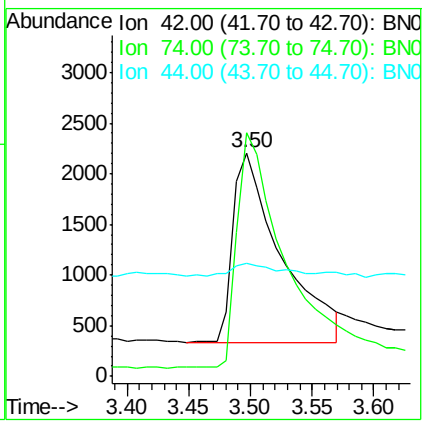


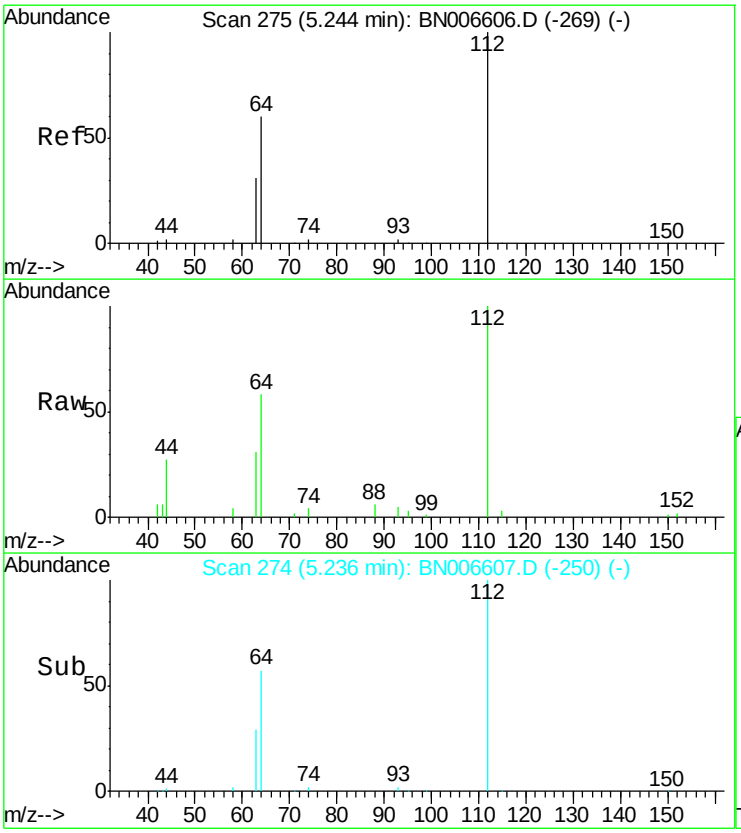
#3
n-Nitrosodimethylamine
Concen: 1.404 ng
RT: 3.50 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 5034

Ion	Ratio	Lower	Upper
42	100		
74	121.9	103.1	154.7
44	6.3	3.4	5.2#

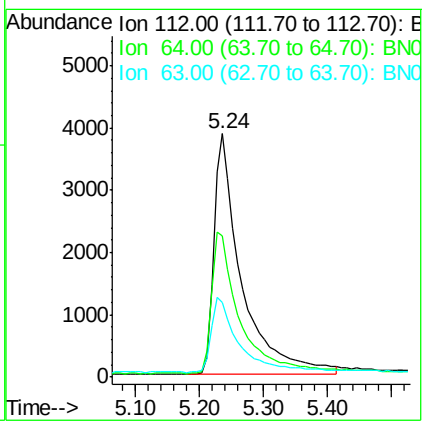


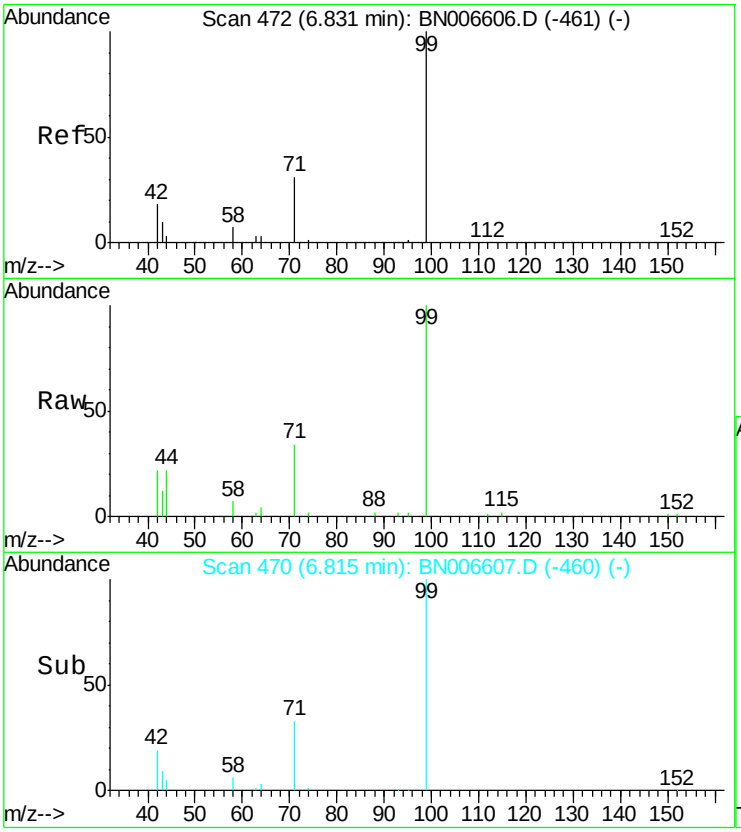


#4
2-Fluorophenol
Concen: 0.833 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:112 Resp: 11369

Ion	Ratio	Lower	Upper
112	100		
64	61.0	48.9	73.3
63	31.8	24.3	36.5



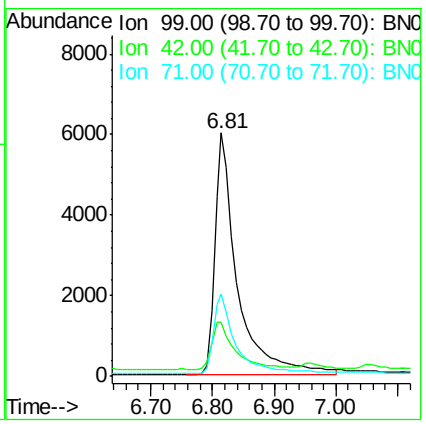


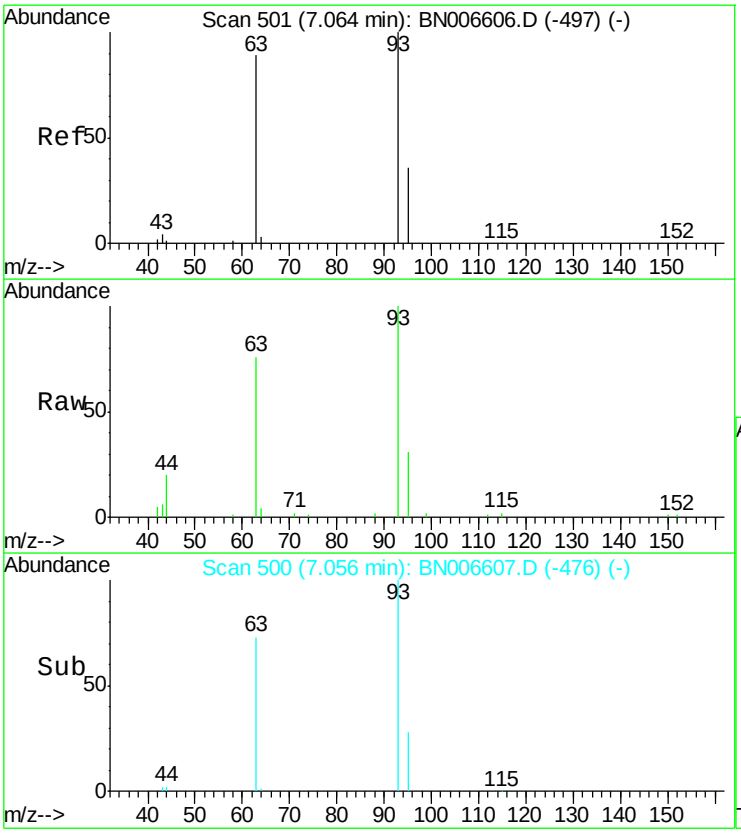
#5
Phenol-d6
Concen: 0.943 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 15241

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.4	24.6
71	33.4	26.6	40.0

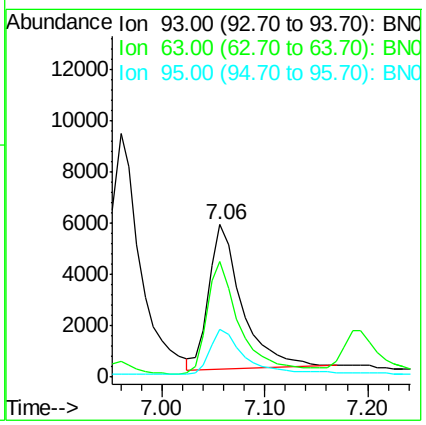


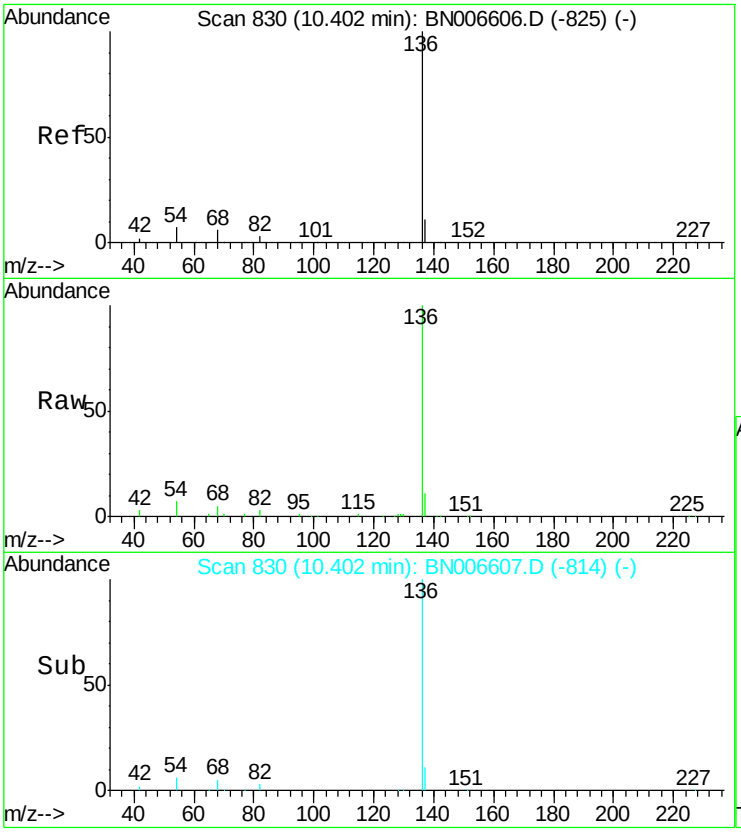


#6
bis(2-Chloroethyl)ether
Concen: 0.837 ng
RT: 7.06 min Scan# 500
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion: 93 Resp: 12778

Ion	Ratio	Lower	Upper
93	100		
63	77.1	52.5	78.7
95	33.9	24.2	36.4



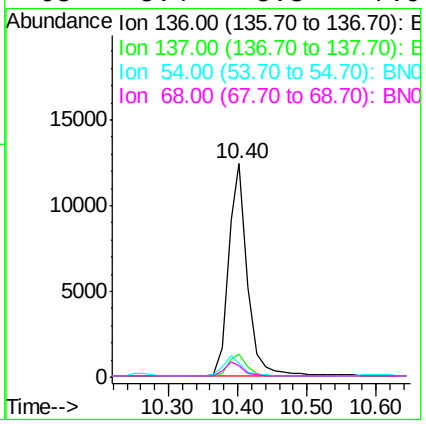


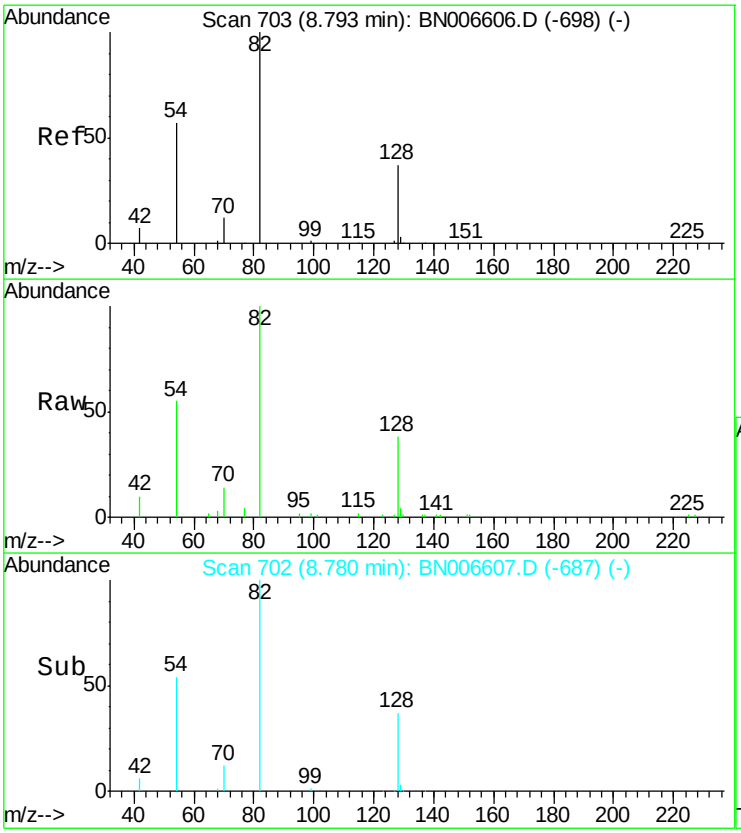
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 24054

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.8	6.7	10.1
68	5.4	5.3	7.9

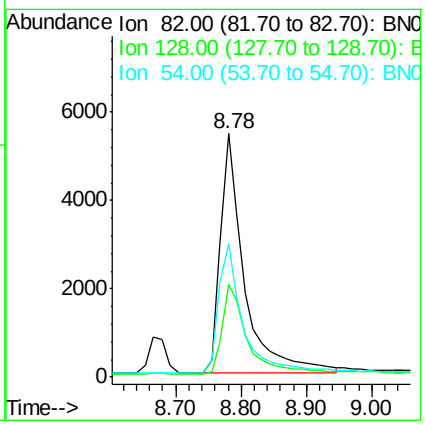


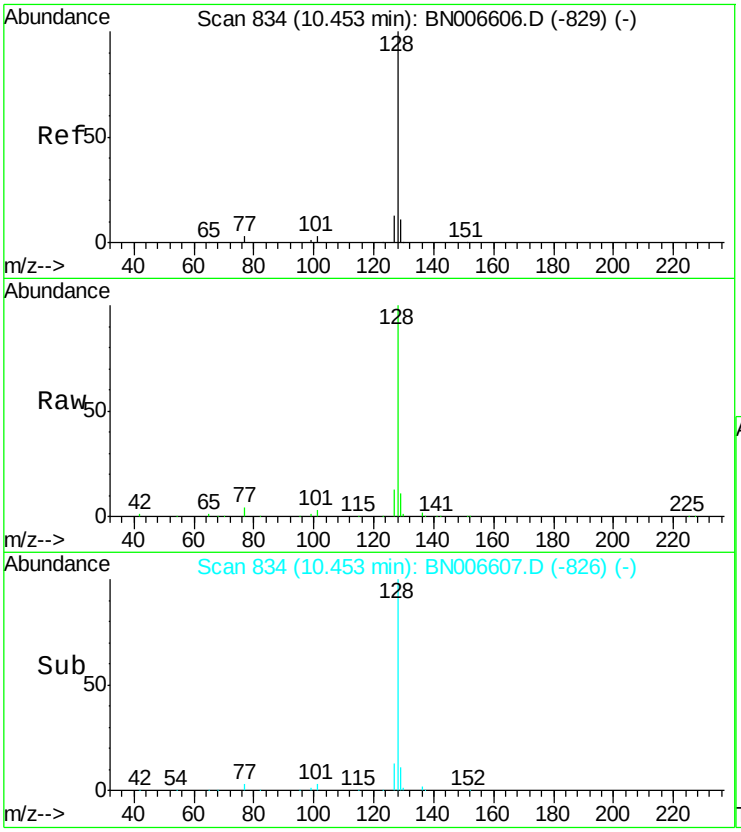


#8
Nitrobenzene-d5
Concen: 0.997 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion: 82 Resp: 13902

Ion	Ratio	Lower	Upper
82	100		
128	37.9	32.6	49.0
54	54.8	48.2	72.4



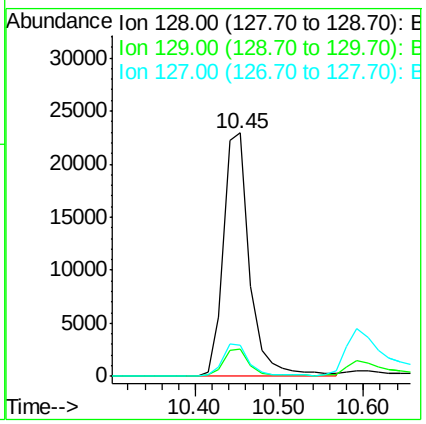


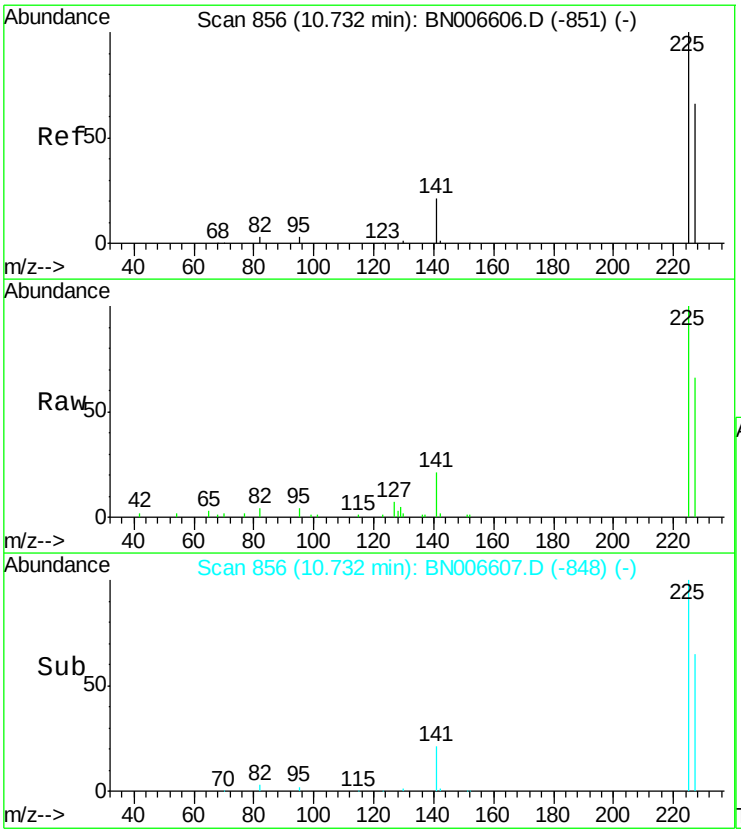
#9
Naphthalene
Concen: 0.819 ng
RT: 10.45 min Scan# 834
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 49515

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	12.8	10.8	16.2

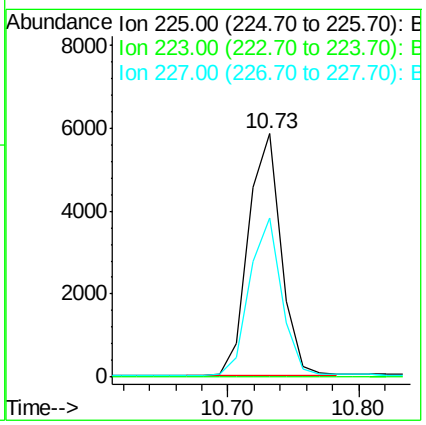


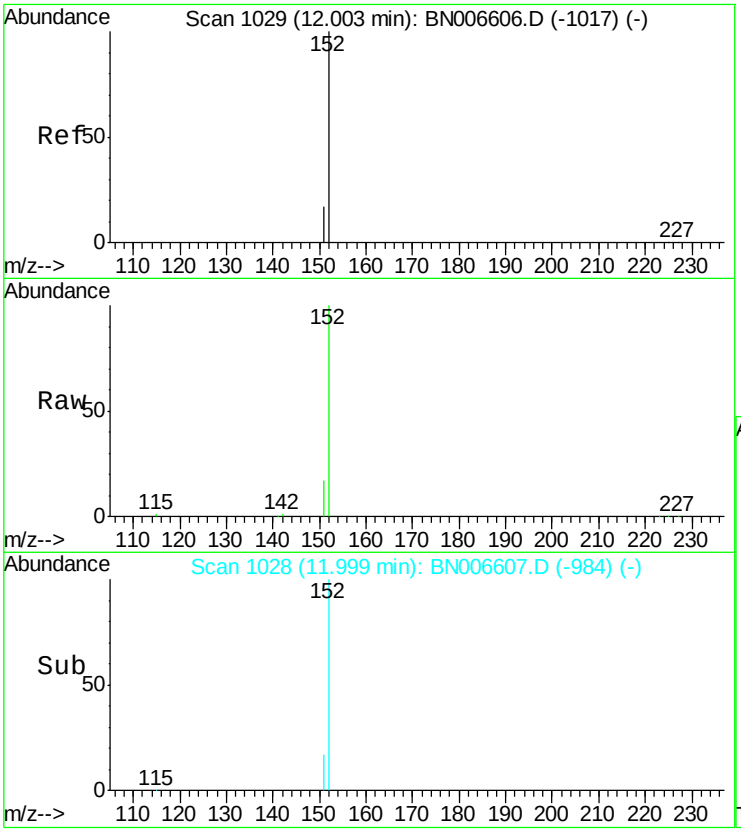


#10
Hexachlorobutadiene
Concen: 0.894 ng
RT: 10.73 min Scan# 856
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:225 Resp: 10039

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



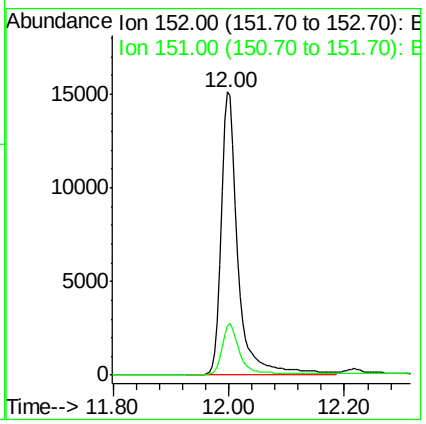


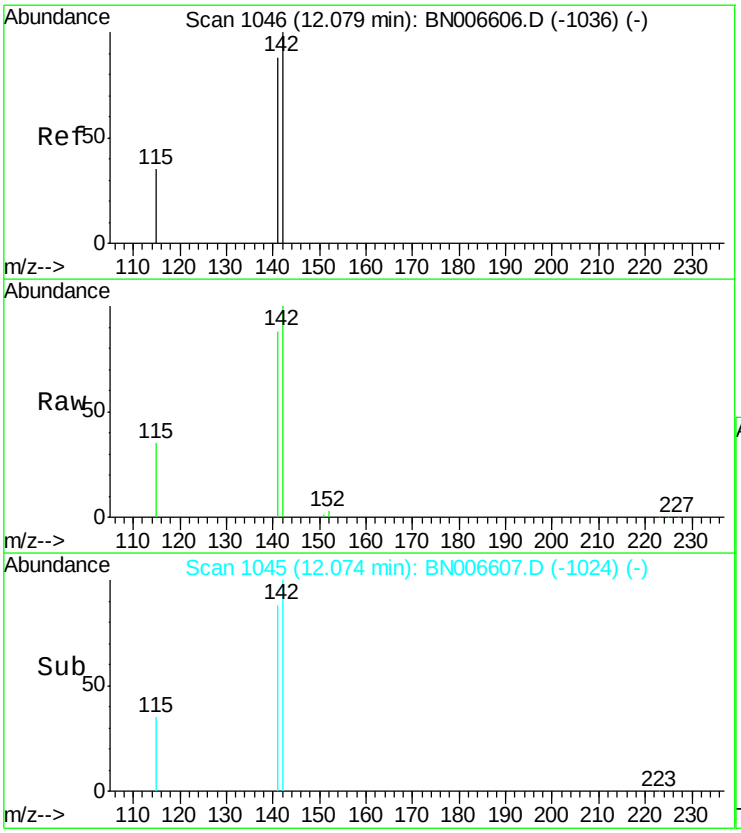
#11
2-Methylnaphthalene-d10
Concen: 0.804 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 29969

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.4

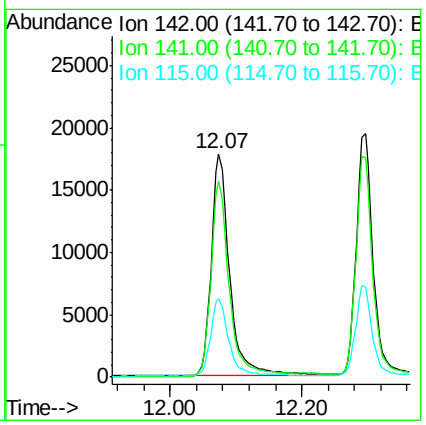


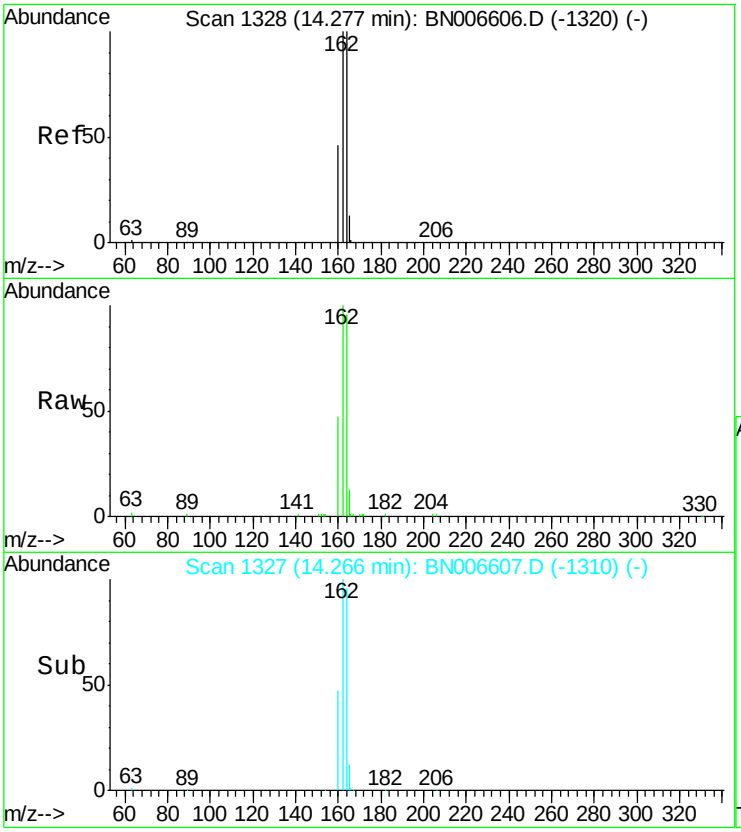


#12
2-Methylnaphthalene
Concen: 0.803 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:142 Resp: 35013

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.2	105.4
115	35.3	28.5	42.7



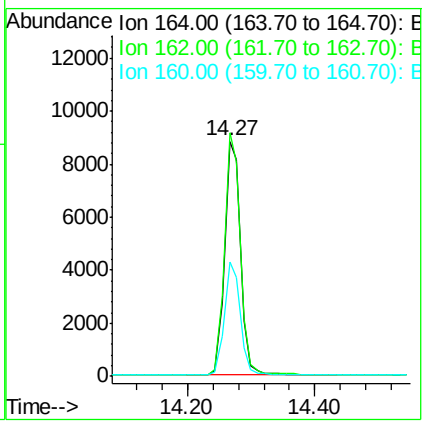


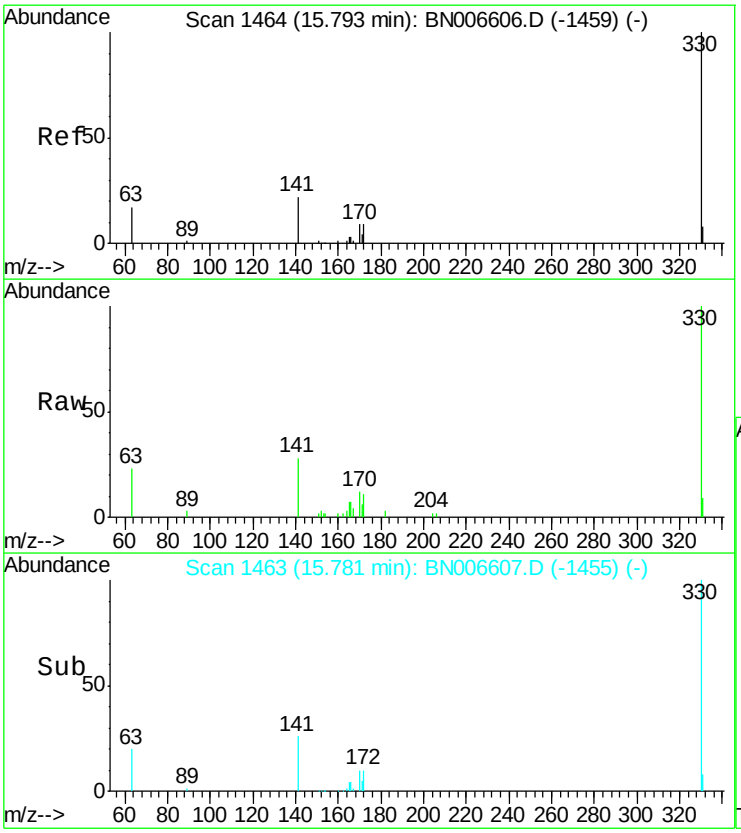
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 15182

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.0	120.0
160	48.9	37.0	55.4

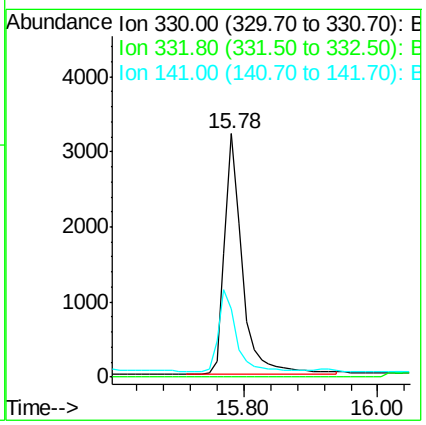


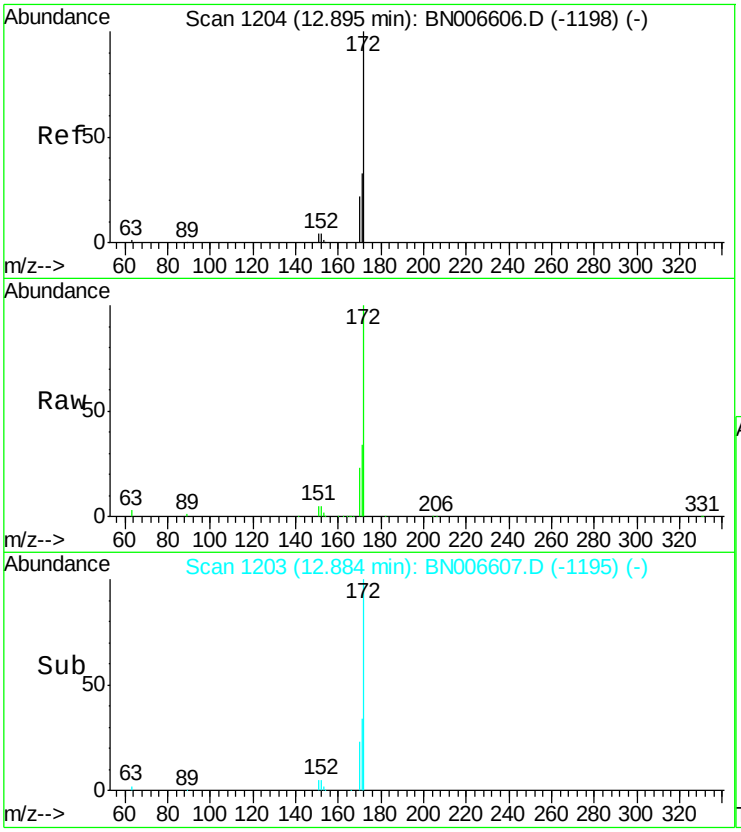


#14
2,4,6-Tribromophenol
Concen: 0.687 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:330 Resp: 5846

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.0	26.5	39.7



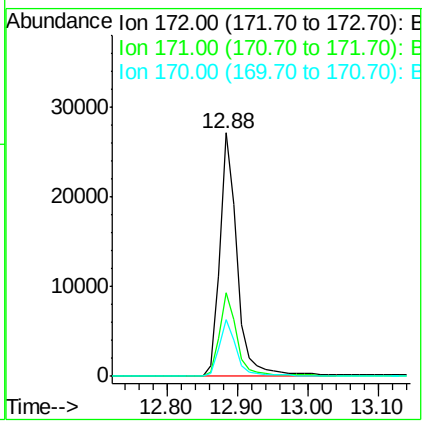


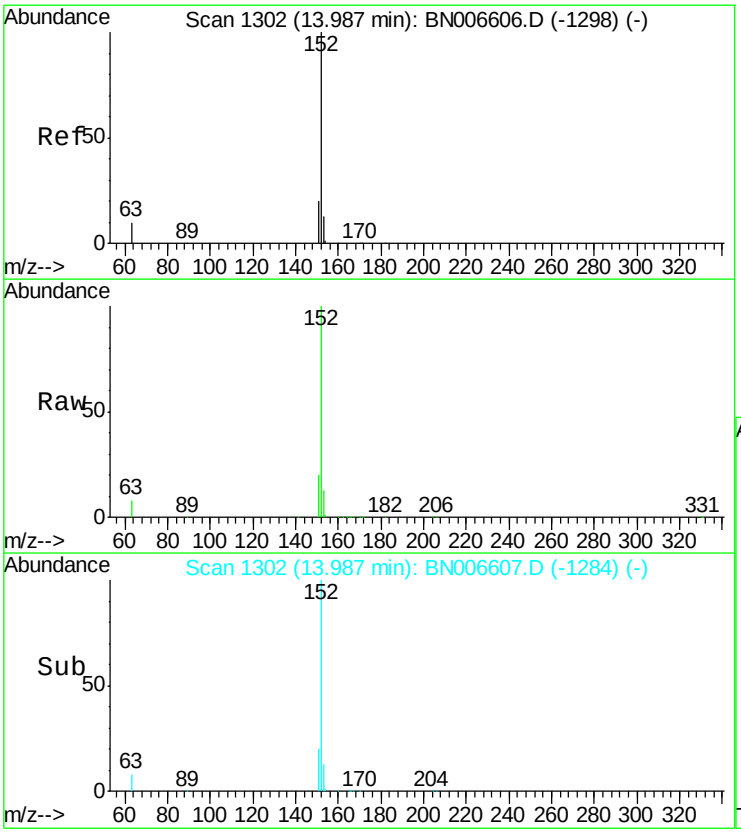
#15
2-Fluorobiphenyl
Concen: 0.826 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 47331

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.0	40.4
170	23.1	17.7	26.5

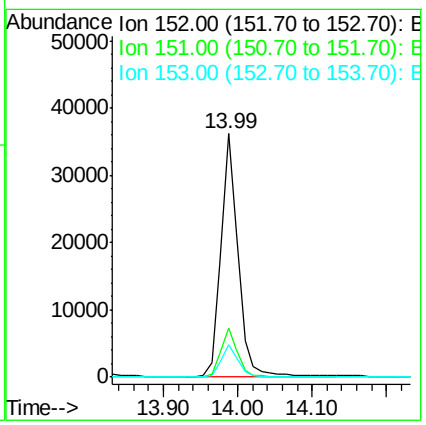


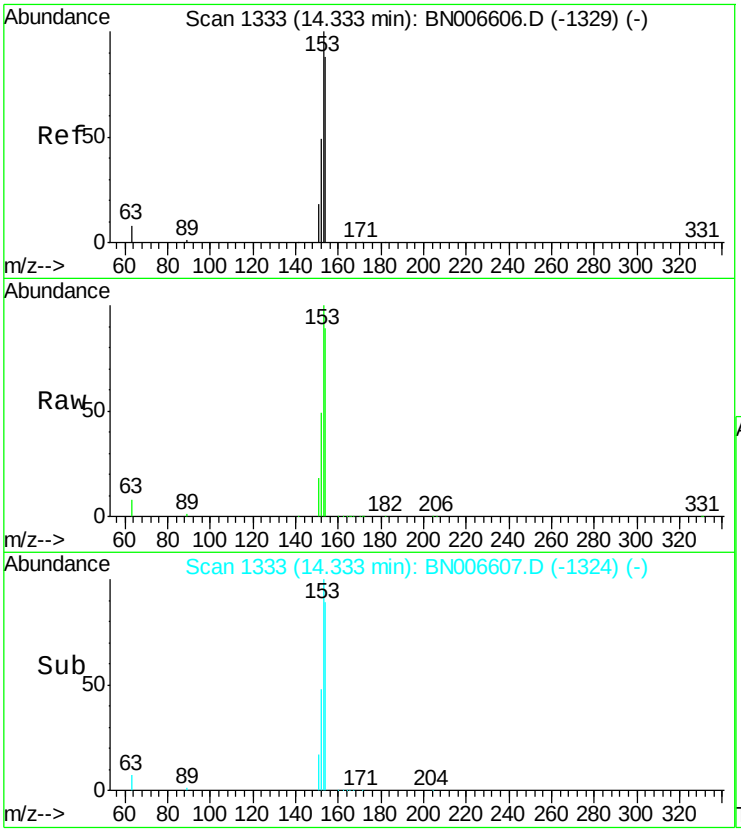


#16
Acenaphthylene
Concen: 0.805 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:152 Resp: 57711

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



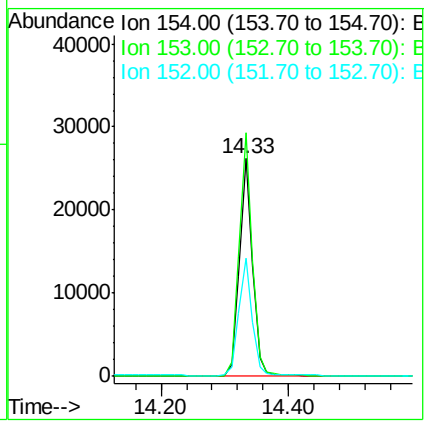


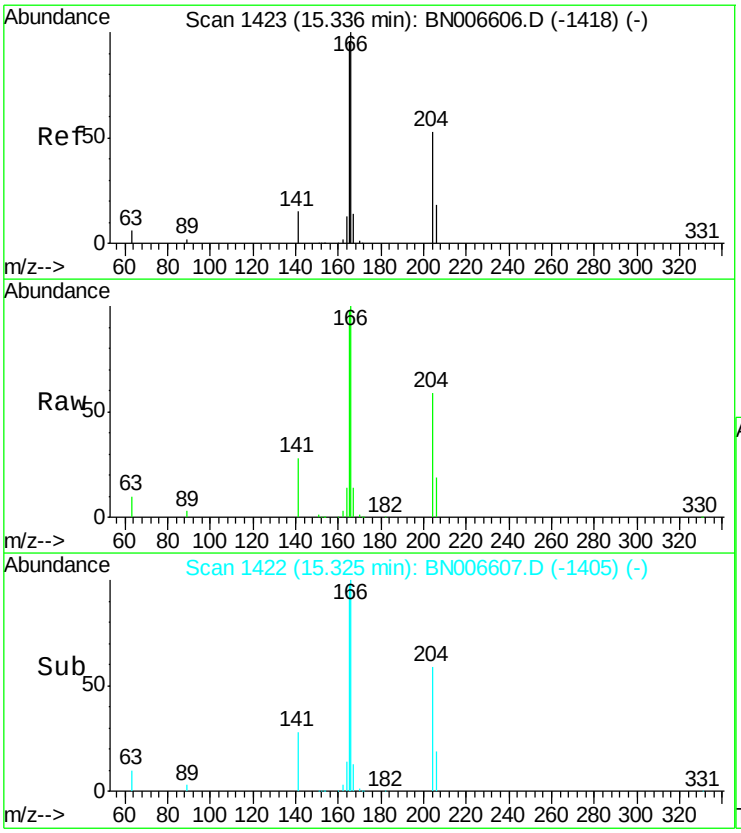
#17
Acenaphthene
Concen: 0.828 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 37660

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.2	135.4
152	54.5	44.2	66.4

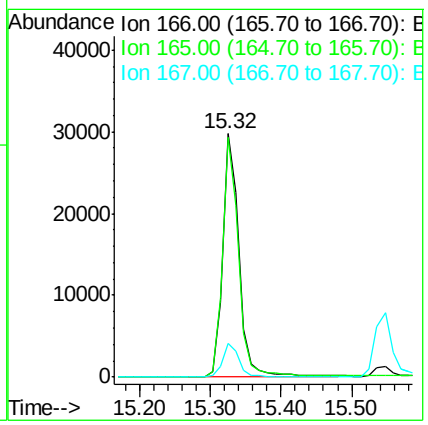


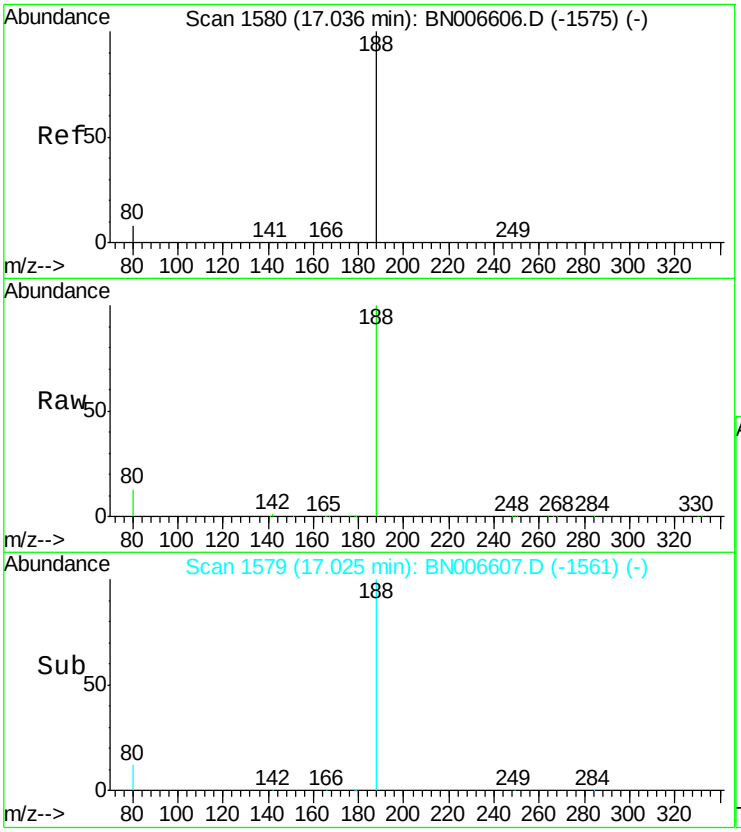


#18
Fluorene
Concen: 0.789 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:166 Resp: 48212

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.4	117.6
167	13.6	10.8	16.2



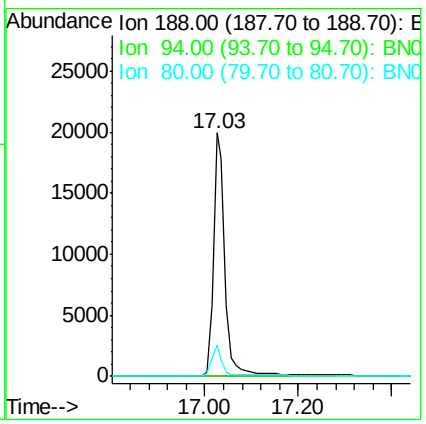


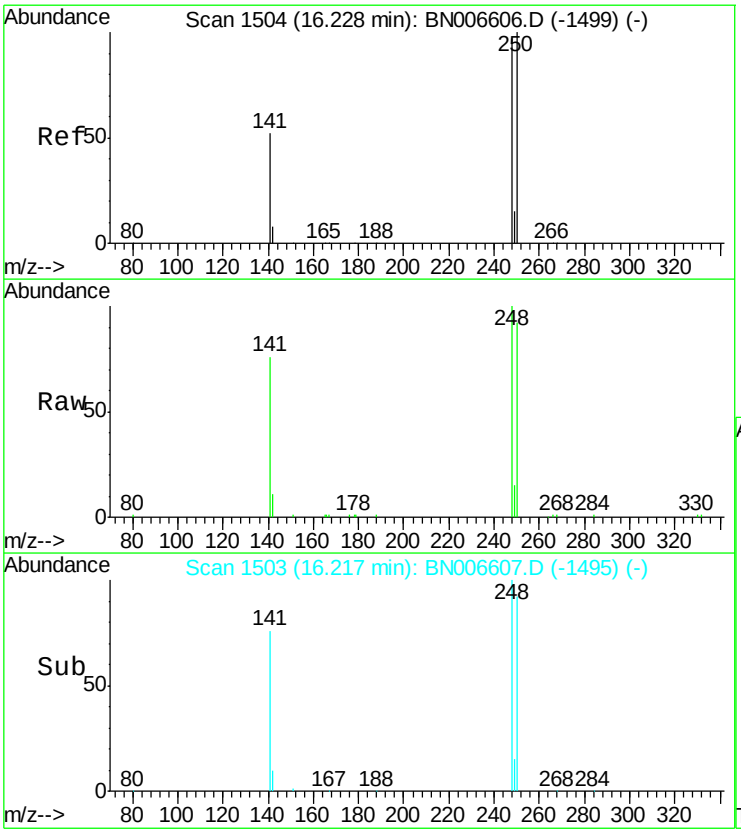
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 35077

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	7.1	10.7#

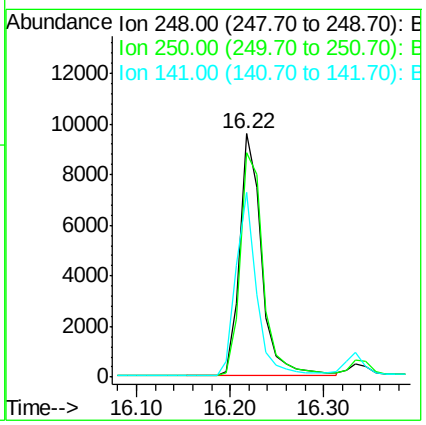


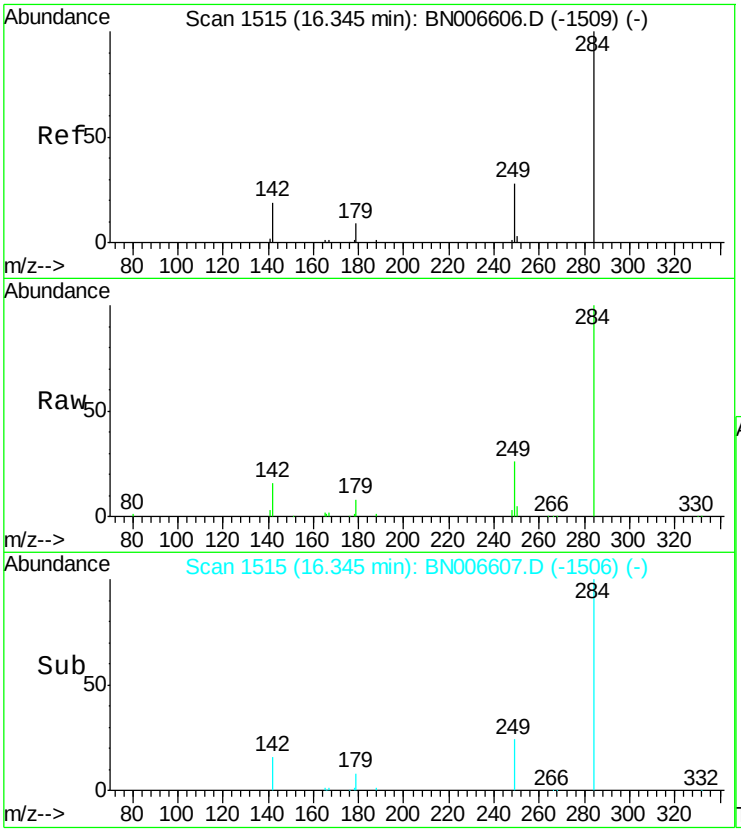


#20
4-Bromophenyl-phenylether
Concen: 0.779 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:248 Resp: 15653

Ion	Ratio	Lower	Upper
248	100		
250	92.3	82.2	123.4
141	75.9	43.8	65.8#



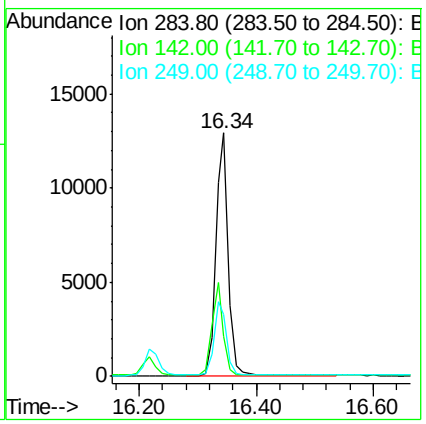


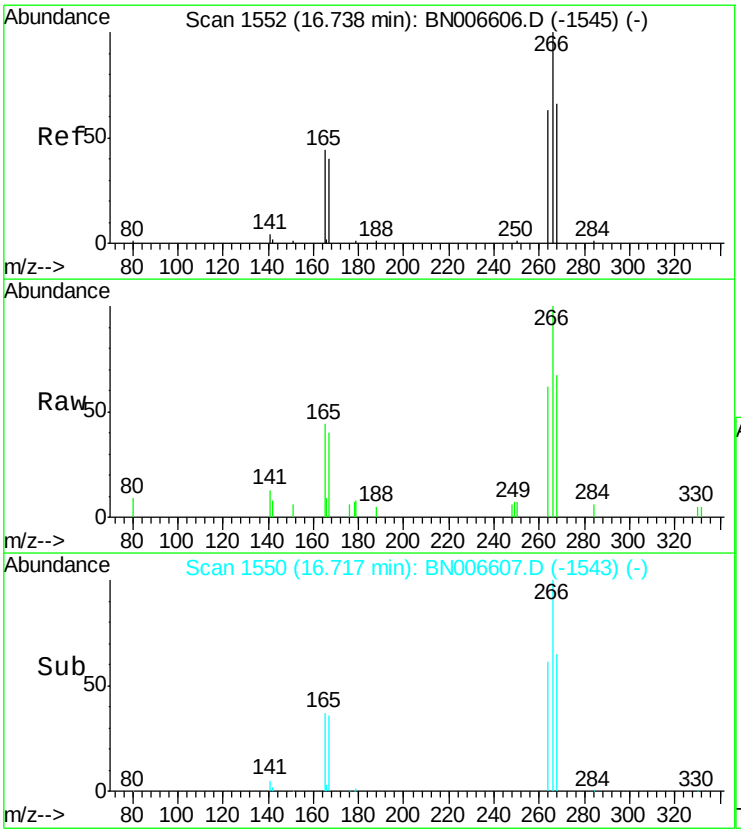
#21
Hexachlorobenzene
Concen: 0.864 ng
RT: 16.34 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 19166

Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.5	41.3
249	30.8	24.7	37.1

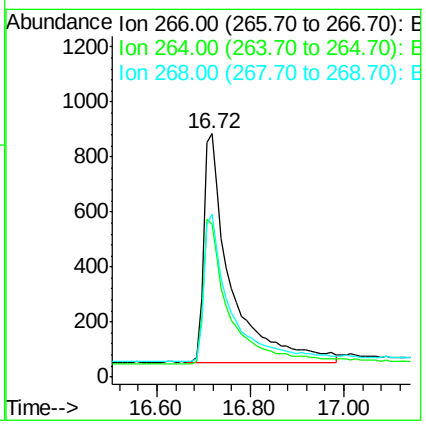


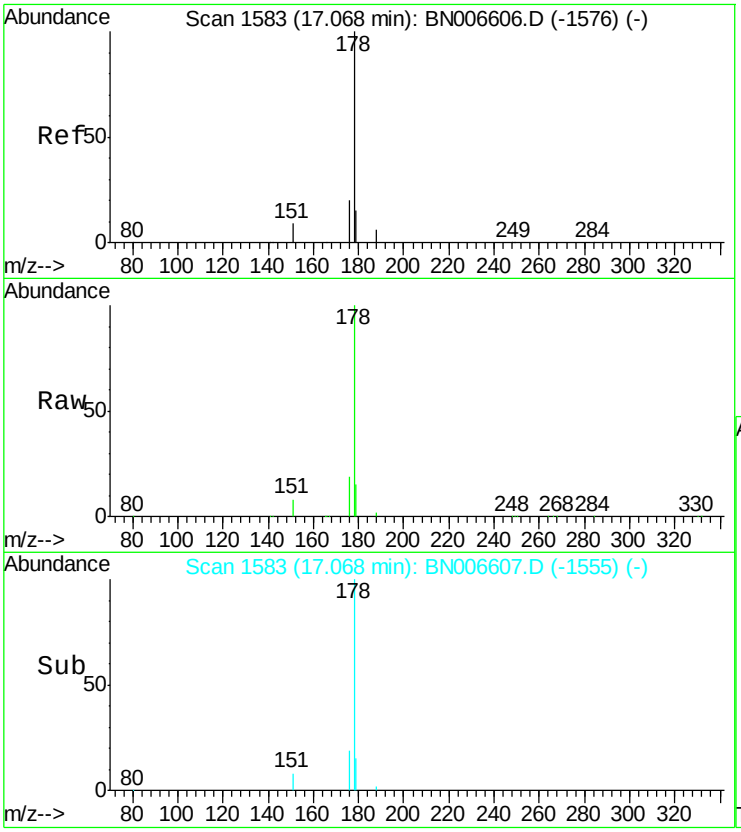


#22
Pentachlorophenol
Concen: 0.675 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:266 Resp: 3311

Ion	Ratio	Lower	Upper
266	100		
264	62.5	56.2	84.4
268	67.1	63.0	94.4



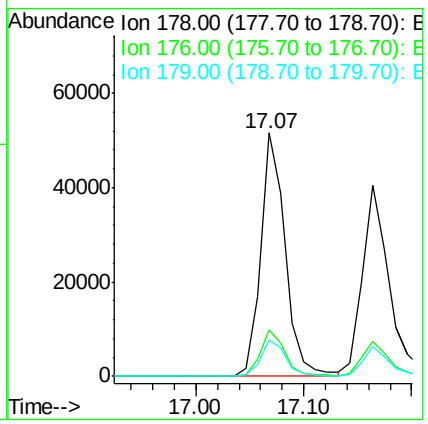


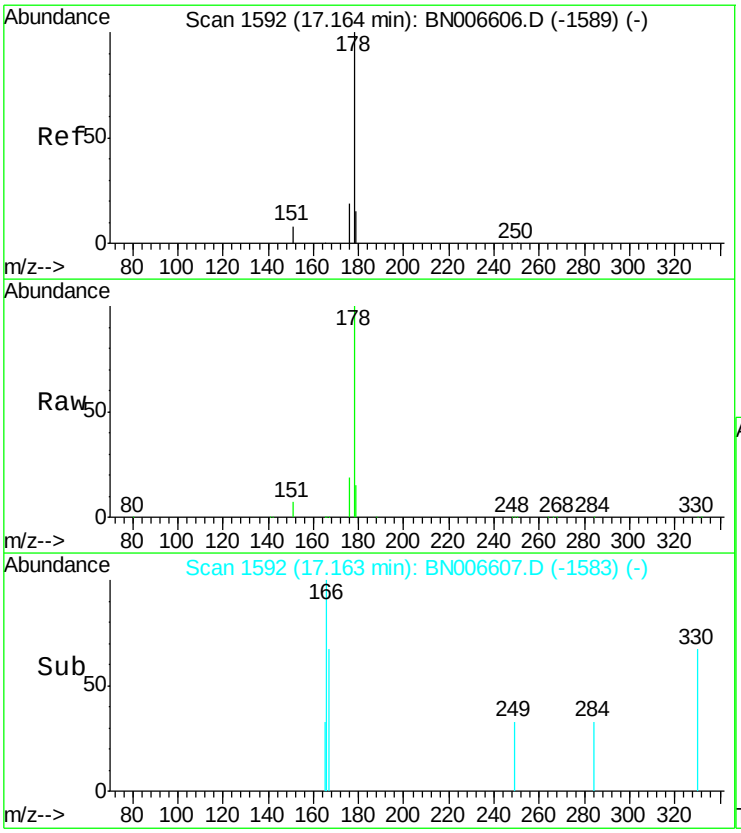
#23
Phenanthrene
Concen: 0.818 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 80346

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.2	12.2	18.4

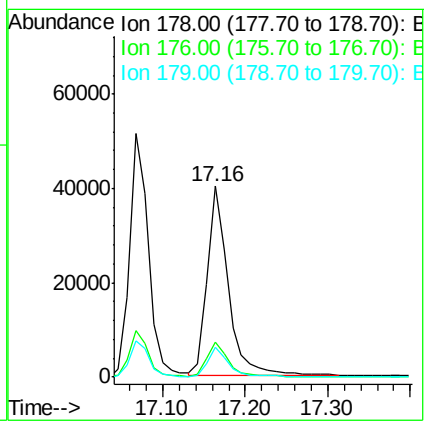


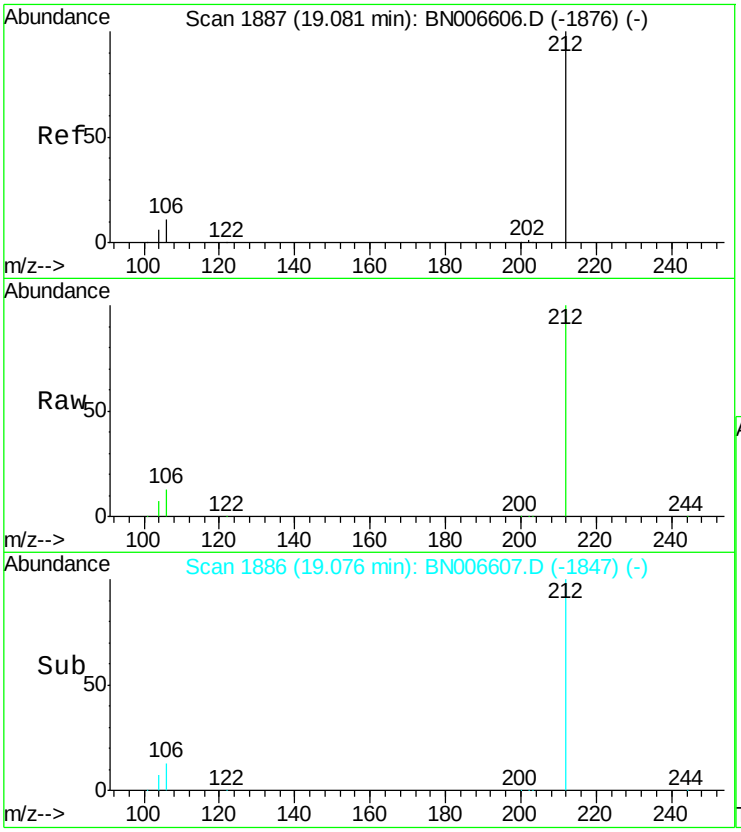


#24
Anthracene
Concen: 0.793 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:178 Resp: 69363

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.2	12.2	18.2



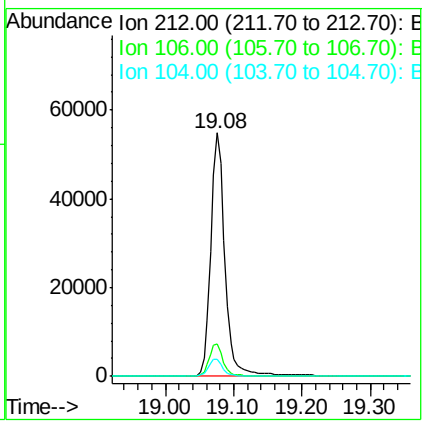


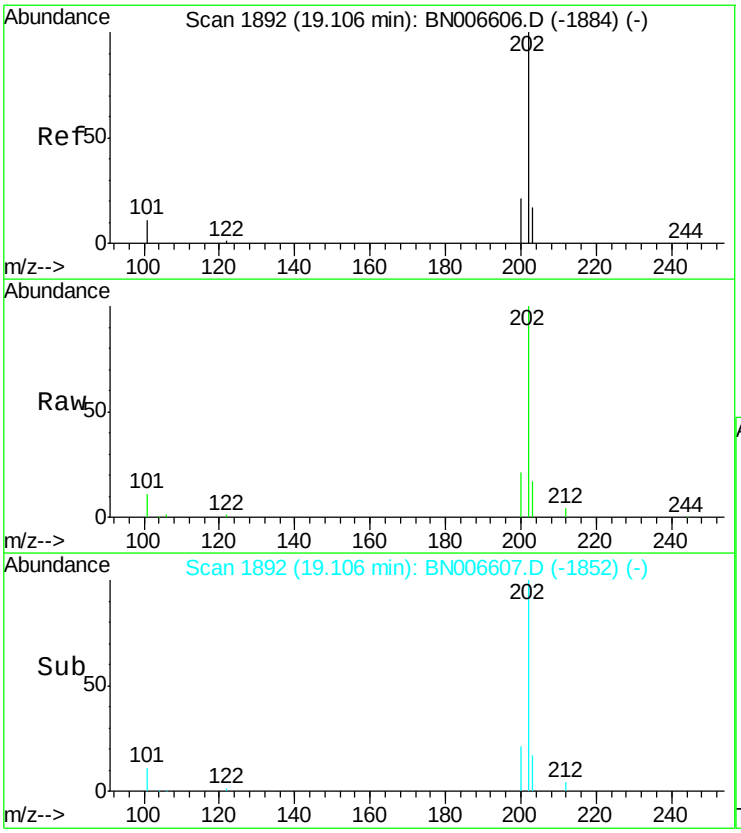
#25
Fluoranthene-d10
Concen: 0.792 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 79362

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.6	15.8
104	7.3	5.8	8.6

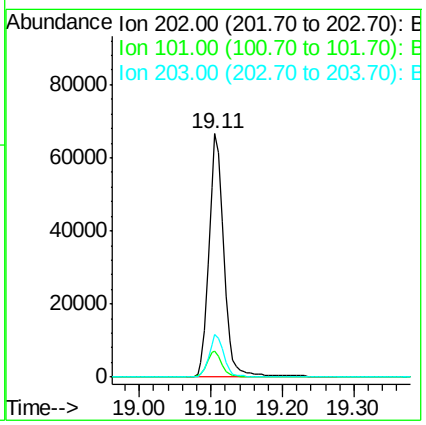


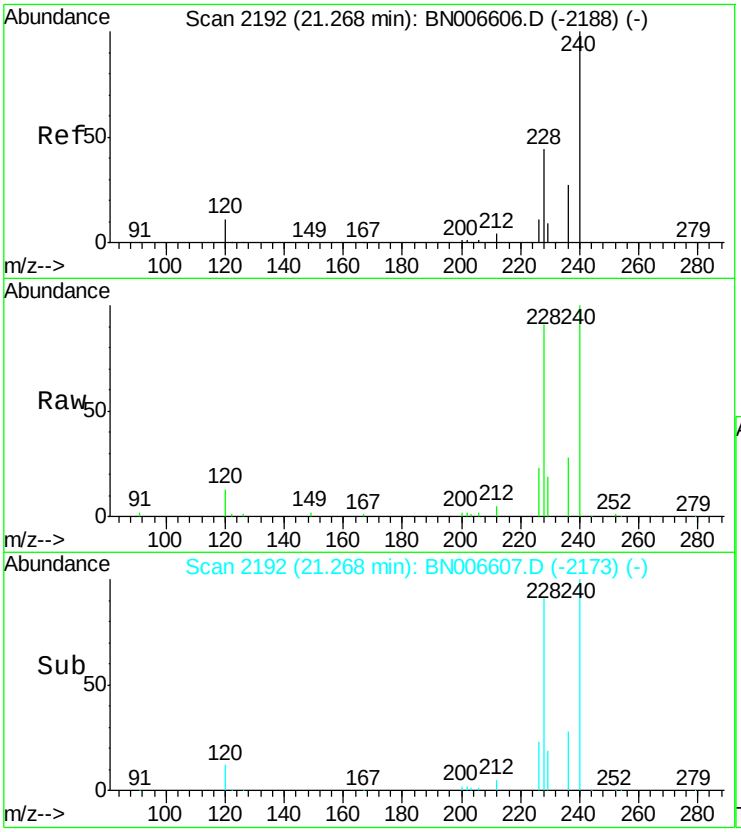


#26
Fluoranthene
Concen: 0.798 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:202 Resp: 96008

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.9	13.3
203	17.0	13.6	20.4



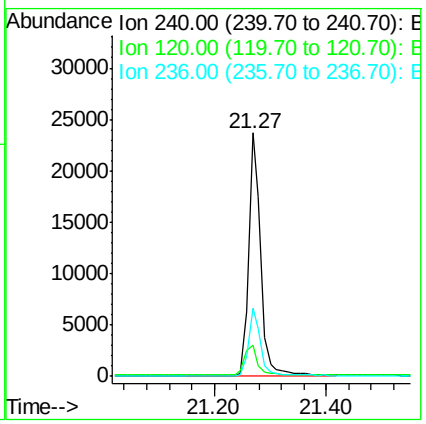


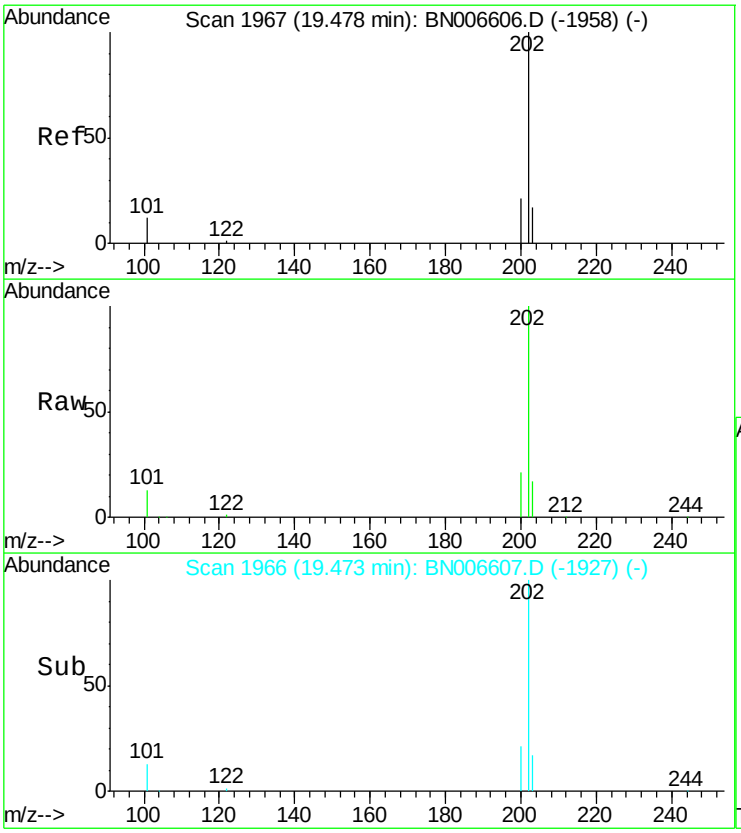
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 35008

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.9	14.9
236	27.9	22.2	33.4

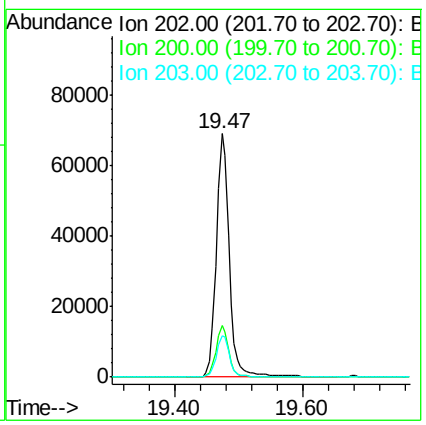


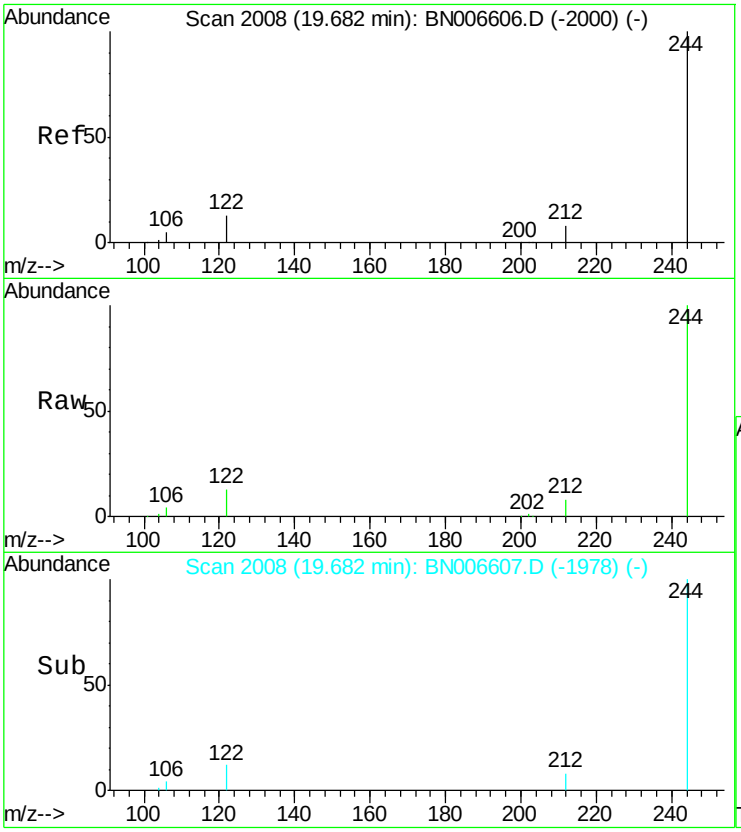


#28
Pyrene
Concen: 0.977 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:202 Resp: 97145

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.4	14.1	21.1



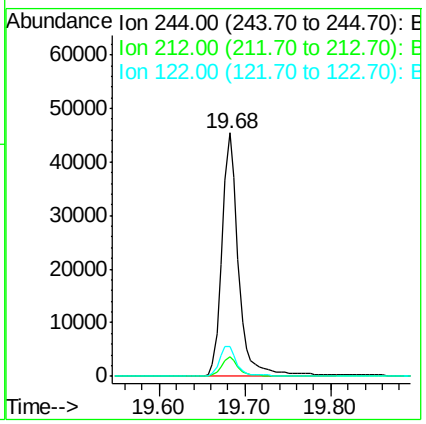


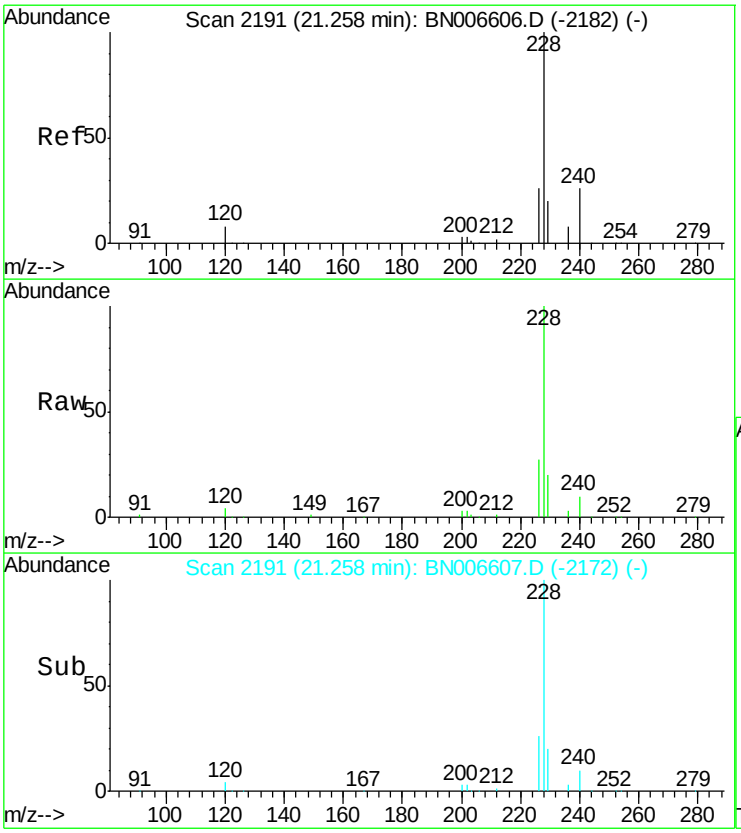
#29
Terphenyl-d14
Concen: 0.847 ng
RT: 19.68 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 60934

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.7	10.1
122	12.5	11.0	16.6

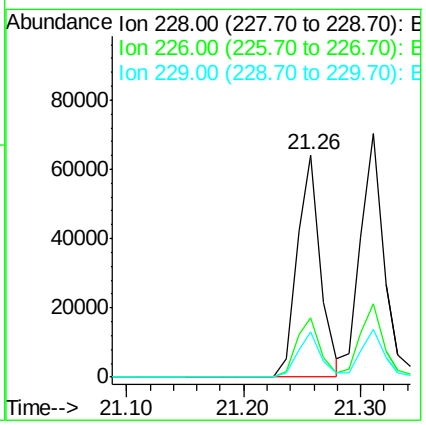


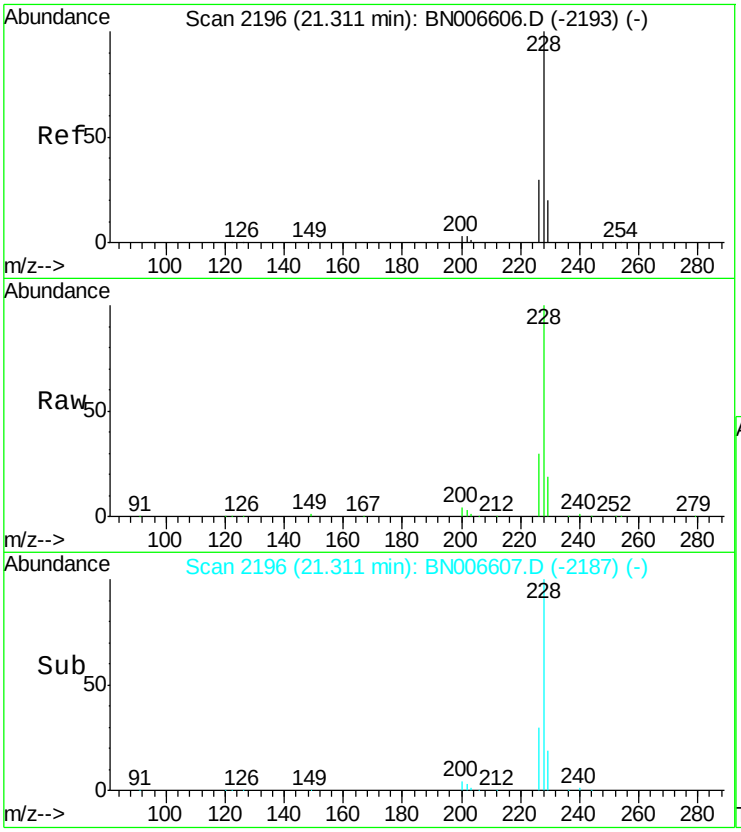


#30
Benzo(a)anthracene
Concen: 0.894 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:228 Resp: 88255

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.2	31.8
229	20.1	16.1	24.1



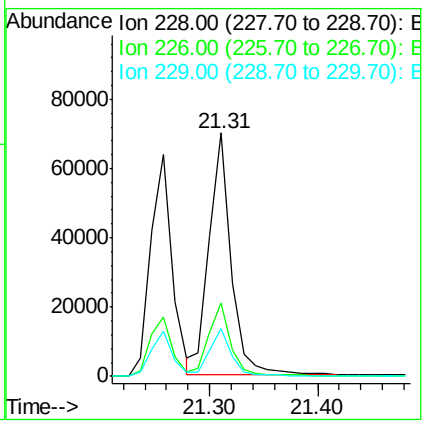


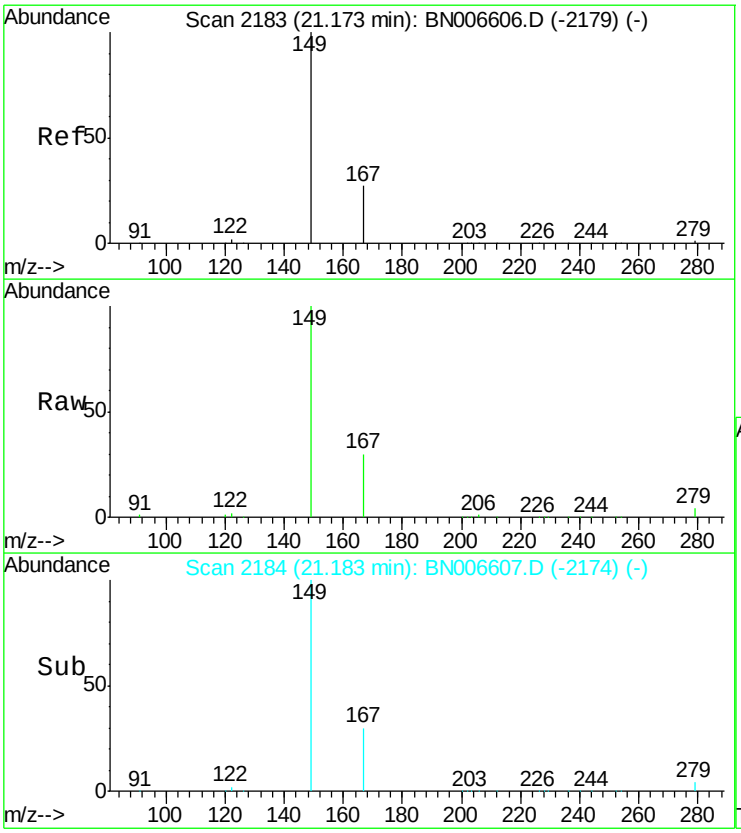
#31
Chrysene
Concen: 0.916 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 97514

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.5	15.9	23.9

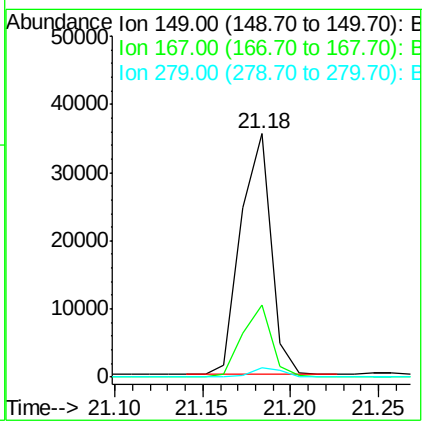


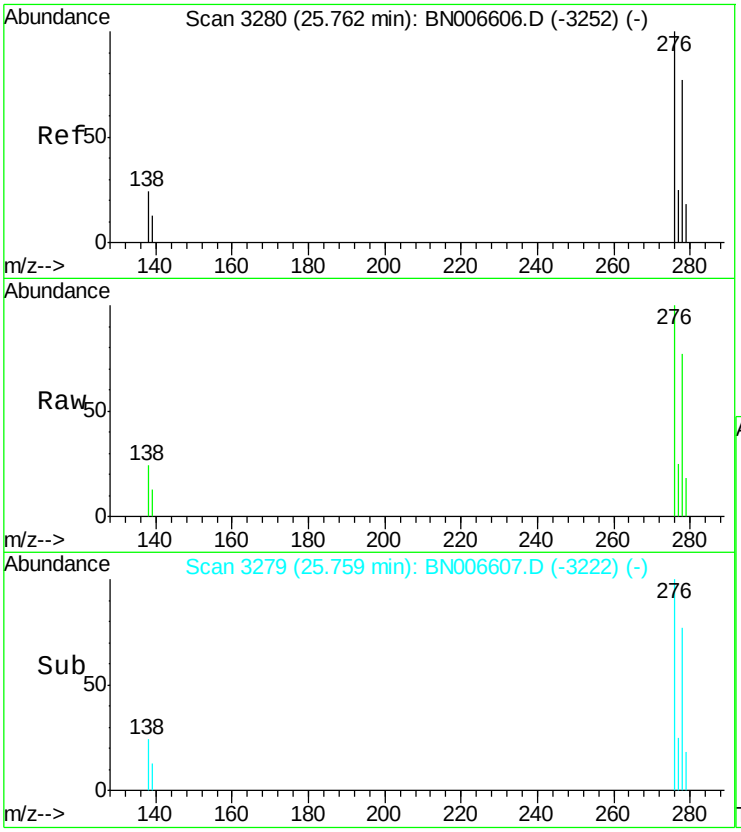


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.023 ng
RT: 21.18 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:149 Resp: 42287

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	4.0	3.3	4.9



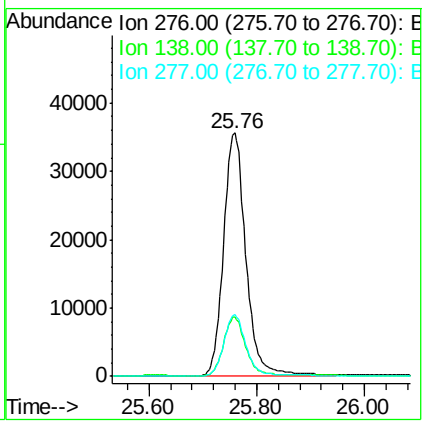


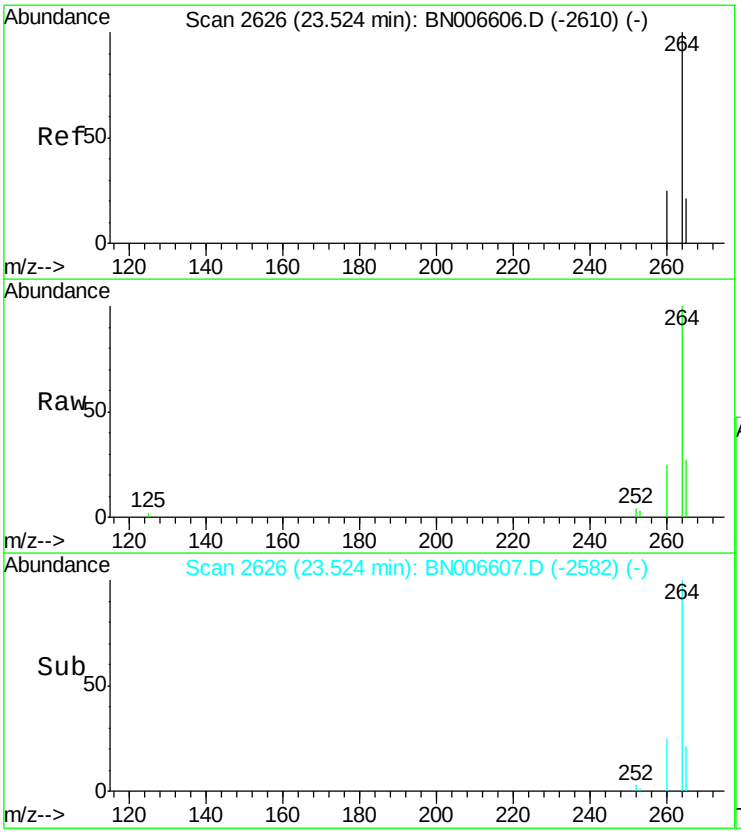
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.857 ng
RT: 25.76 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 102596

Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.3	28.9
277	25.0	19.9	29.9

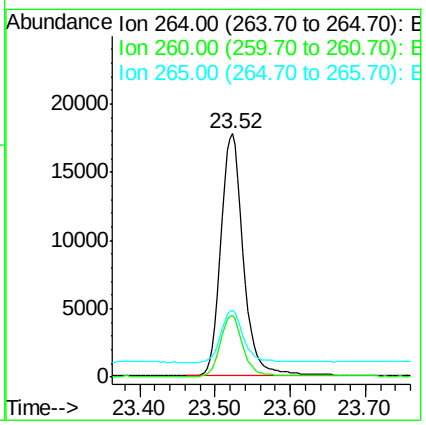


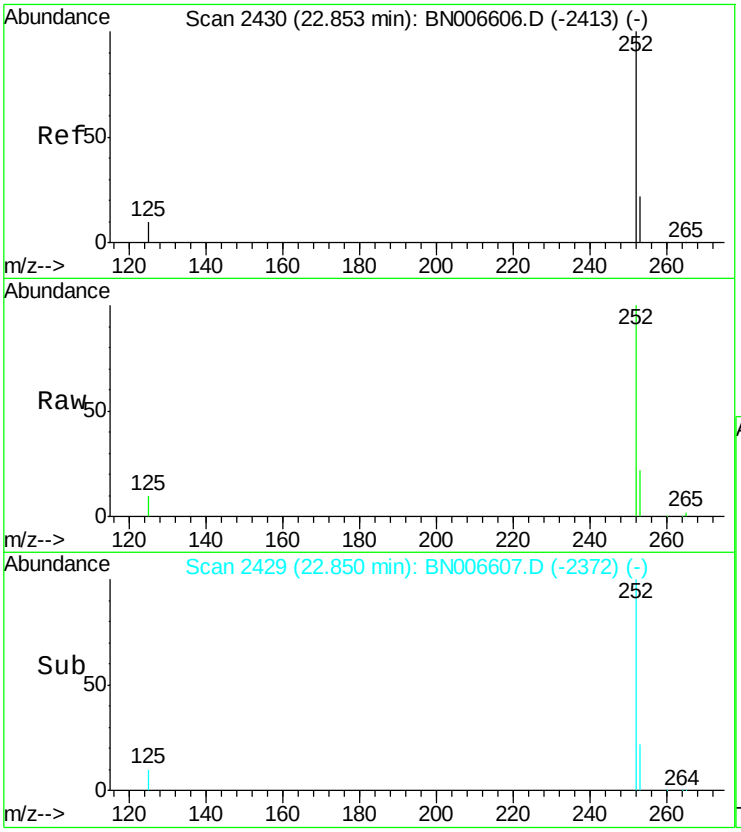


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2626
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:264 Resp: 36911

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	27.4	23.3	34.9



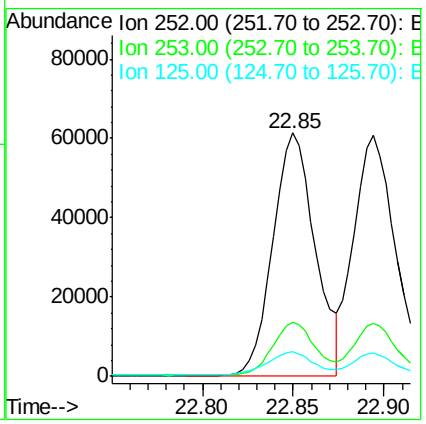


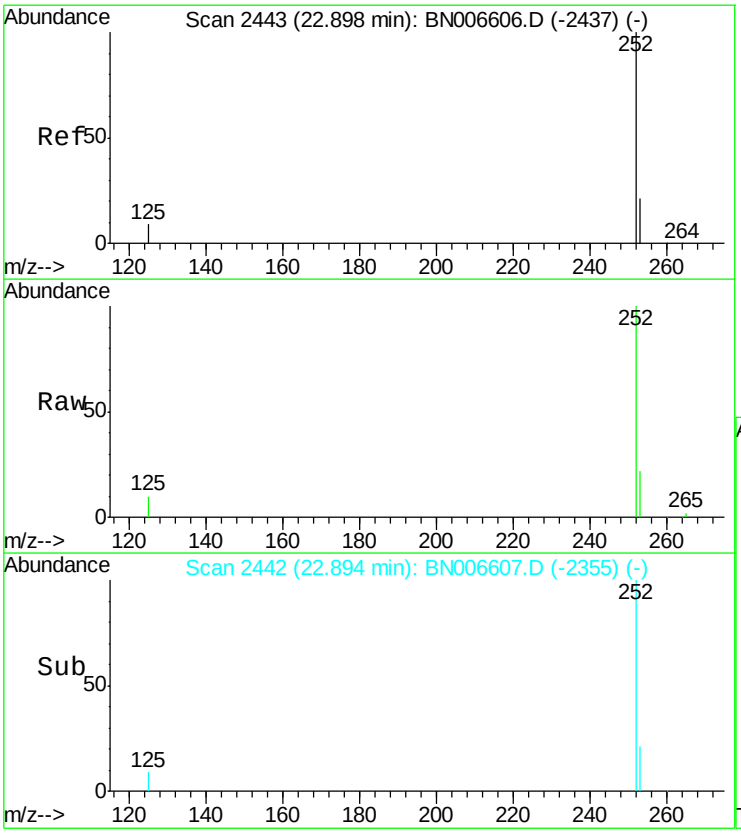
#35
Benzo(b)fluoranthene
Concen: 0.836 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 98919

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	10.0	8.7	13.1

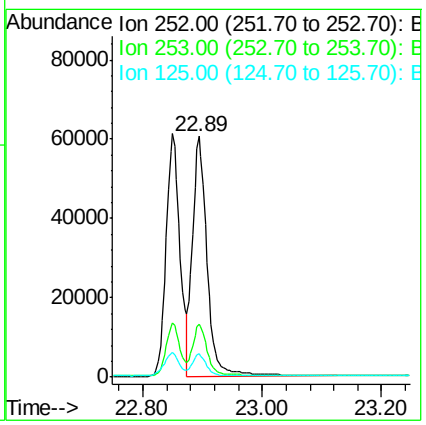


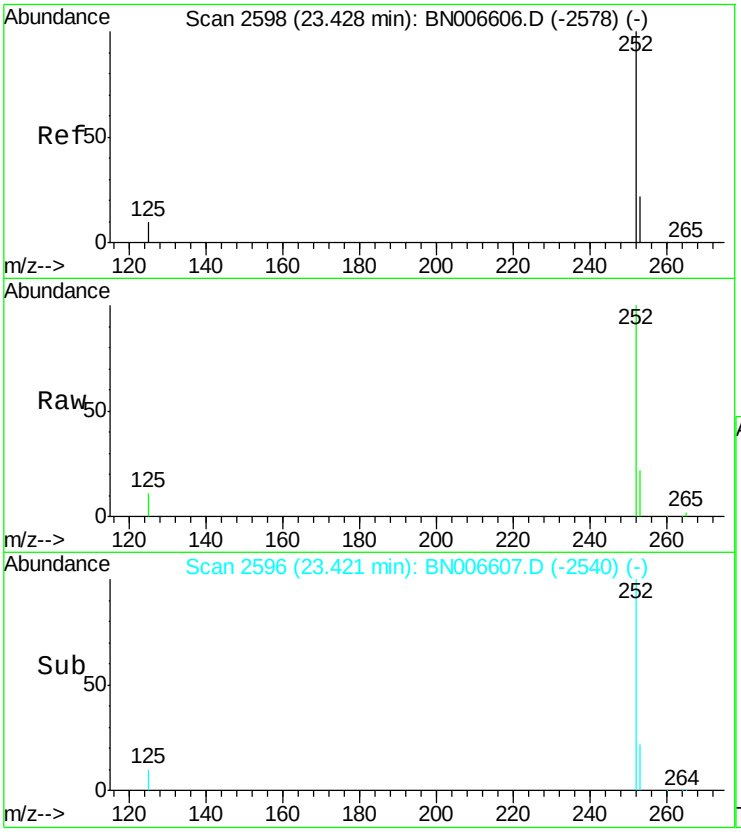


#36
Benzo(k)fluoranthene
Concen: 0.894 ng
RT: 22.89 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:252 Resp: 102188

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	9.6	8.4	12.6



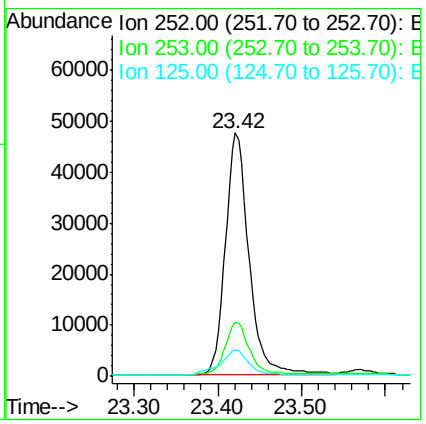


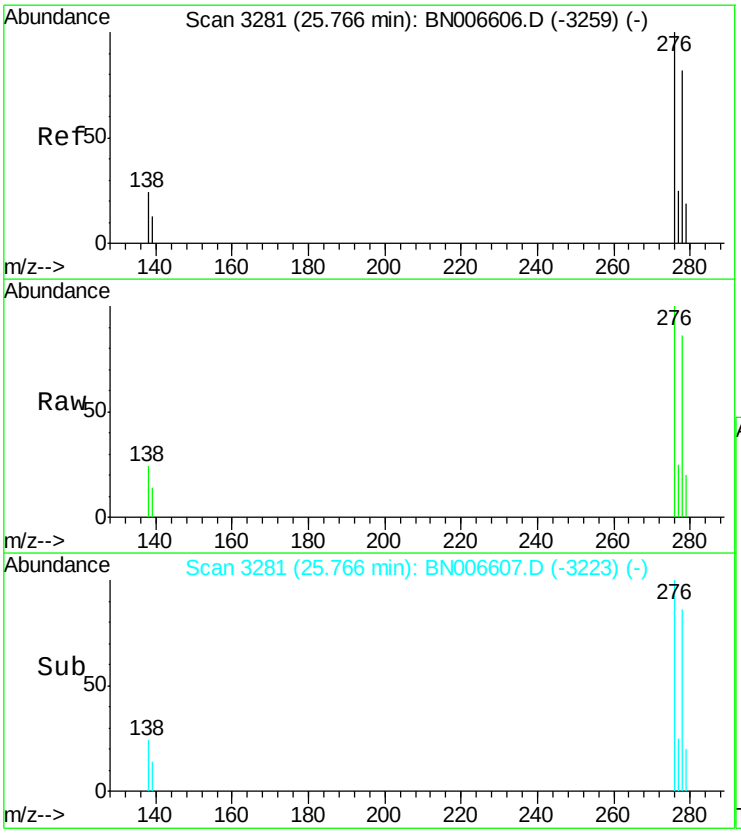
#37
Benzo(a)pyrene
Concen: 0.878 ng
RT: 23.42 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 92338

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.8	28.2
125	10.9	9.4	14.2

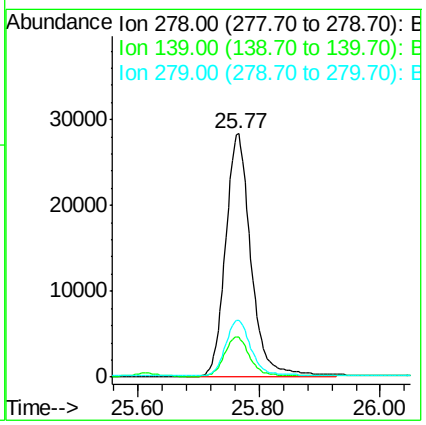


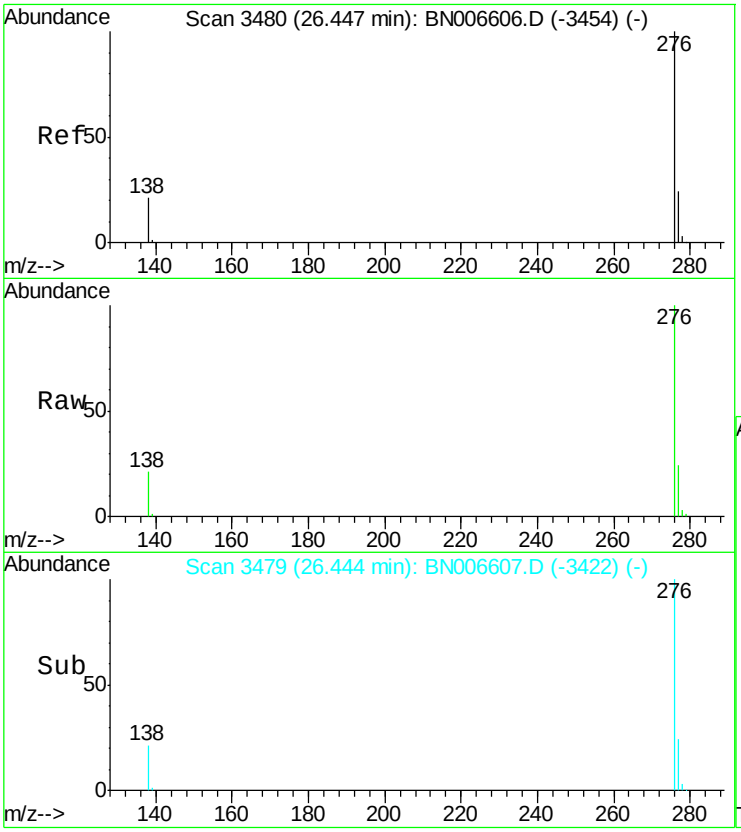


#38
Dibenzo(a,h)anthracene
Concen: 0.783 ng
RT: 25.77 min Scan# 3281
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:278 Resp: 82473

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.5	20.3
279	23.5	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.774 ng
RT: 26.44 min Scan# 3479
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 82040

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	21.1	17.7	26.5