Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006604.D
Acq On : 28 Jun 2019 09:06
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jun 28 13:21:01 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	3565	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	14971	0.40	ng		0.00
13) Acenaphthene-d10	14.28	164	9800	0.40	ng		0.00
19) Phenanthrene-d10	17.04	188	22835	0.40	ng		0.00
27) Chrysene-d12	21.27	240	22365	0.40	ng		0.00
34) Perylene-d12	23.52	264	24858	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	825	0.09	ng		0.02
5) Phenol-d6	6.86	99	954	0.09	ng		0.03
8) Nitrobenzene-d5	8.83	82	789	0.09	ng		0.04
11) 2-Methylnaphthalene-d10	12.02	152	2255	0.10	ng		0.01
14) 2,4,6-Tribromophenol	15.80	330	358	0.07	ng		0.01
15) 2-Fluorobiphenyl	12.91	172	3368	0.09	ng		0.01
25) Fluoranthene-d10	19.08	212	6430	0.10	ng		0.00
29) Terphenyl-d14	19.69	244	4546	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	604	0.158	ng		94
6) bis(2-Chloroethyl)ether	7.08	93	802	0.081	ng		96
9) Naphthalene	10.45	128	4017	0.107	ng	#	94
10) Hexachlorobutadiene	10.73	225	866	0.124	ng	#	99
12) 2-Methylnaphthalene	12.09	142	2569	0.095	ng	#	95
16) Acenaphthylene	14.00	152	4082	0.088	ng		98
17) Acenaphthene	14.33	154	2998	0.102	ng		99
18) Fluorene	15.34	166	3579	0.091	ng		100
20) 4-Bromophenyl-phenylether	16.23	248	1069	0.082	ng	#	80
21) Hexachlorobenzene	16.35	284	1566	0.108	ng		98
23) Phenanthrene	17.08	178	6068	0.095	ng		99
24) Anthracene	17.17	178	4666	0.082	ng		99
26) Fluoranthene	19.11	202	7370	0.094	ng		99
28) Pyrene	19.48	202	7792	0.123	ng		100
30) Benzo(a)anthracene	21.25	228	6777	0.107	ng		96
31) Chrysene	21.31	228	8155	0.120	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	3356	0.127	ng		99
33) Indeno(1,2,3-cd)pyrene	25.76	276	8237	0.108	ng		99
35) Benzo(b)fluoranthene	22.85	252	8033	0.101	ng	#	89
36) Benzo(k)fluoranthene	22.90	252	8695	0.113	ng	#	87
37) Benzo(a)pyrene	23.42	252	7370	0.104	ng	#	85
38) Dibenzo(a,h)anthracene	25.76	278	6554	0.092	ng	#	90
39) Benzo(g,h,i)perylene	26.44	276	6743	0.094	ng		94

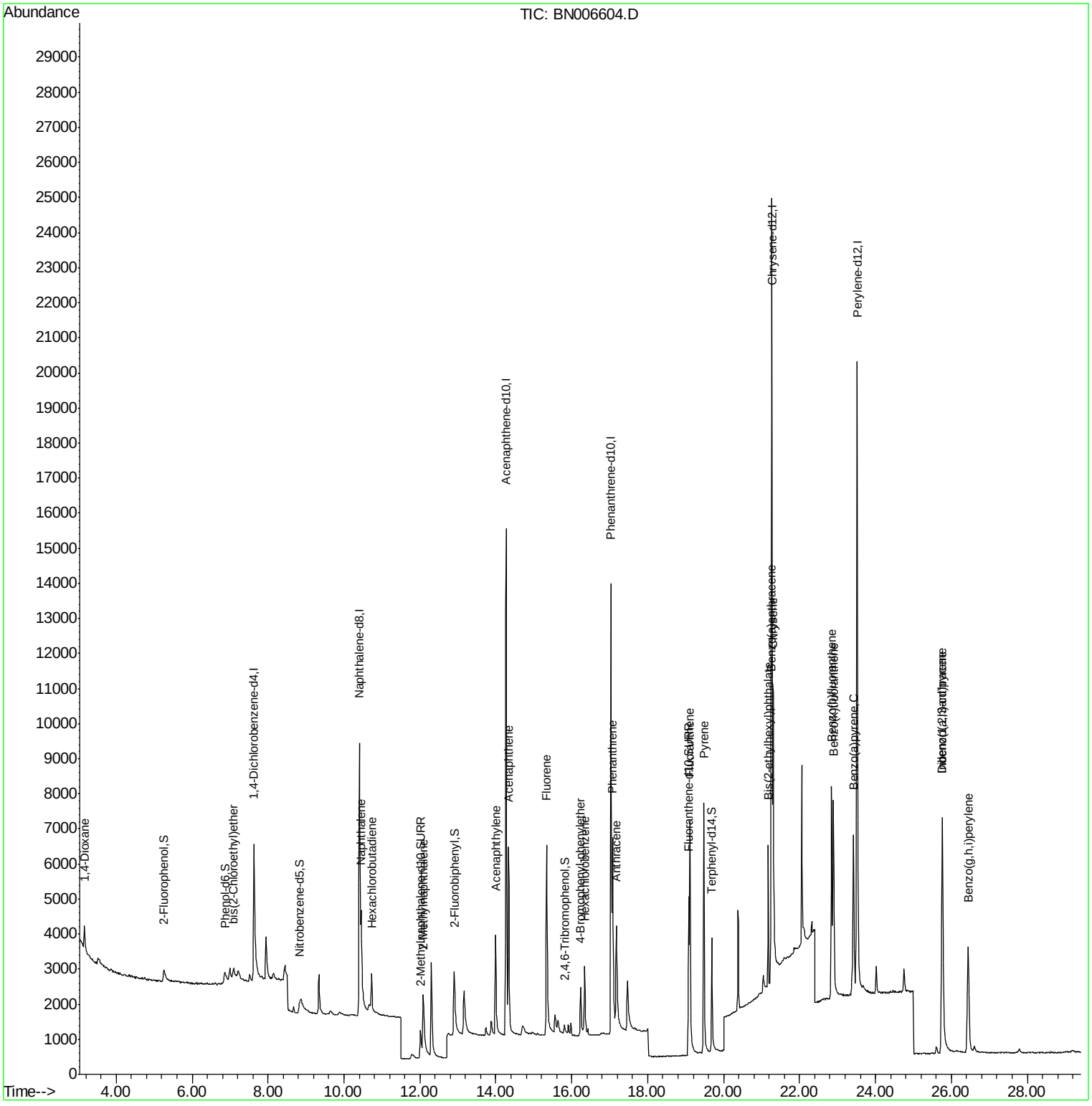
(#) = qualifier out of range (m) = manual integration (+) = signals summed

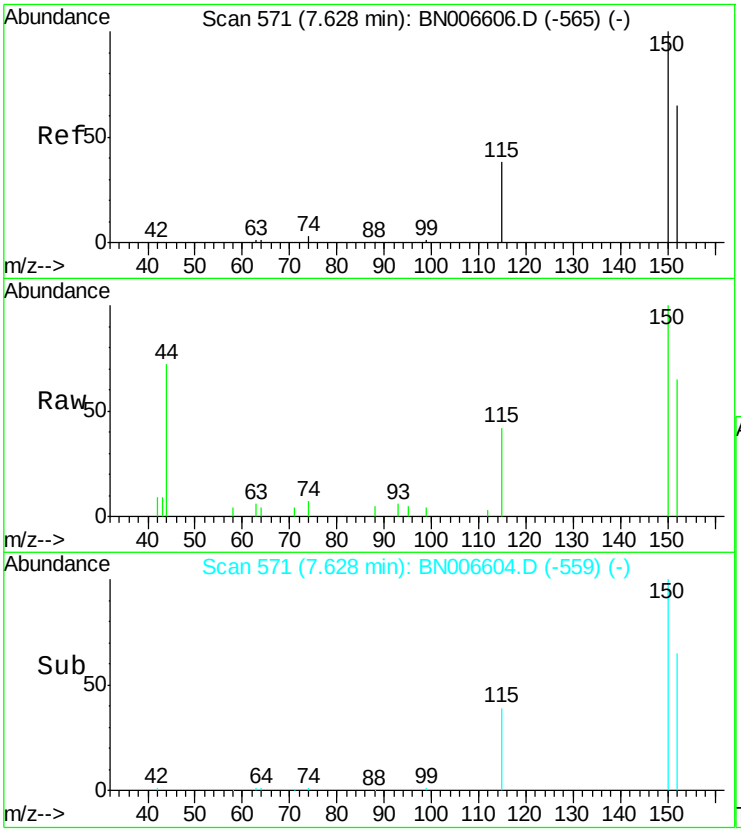
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006604.D
Acq On : 28 Jun 2019 09:06
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 28 13:21:01 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



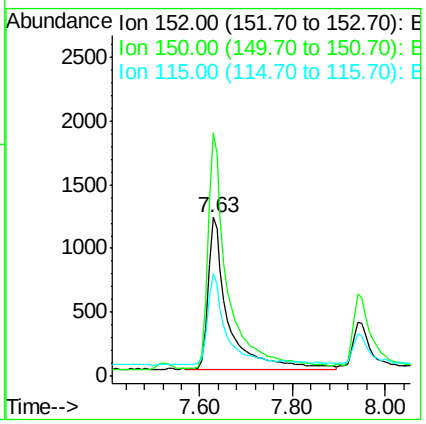


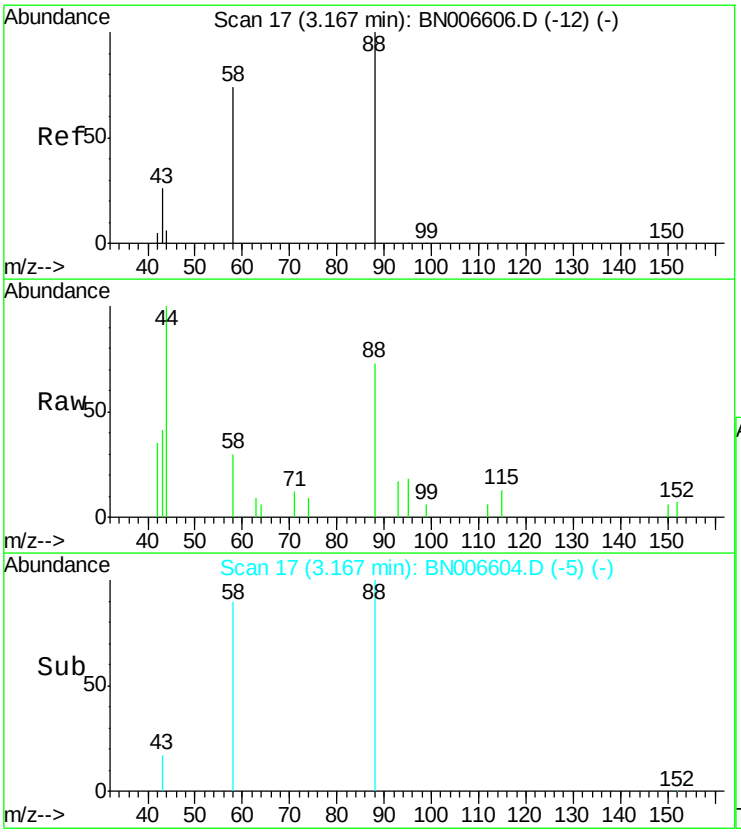
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3565

Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.2	183.2
115	64.9	50.0	75.0

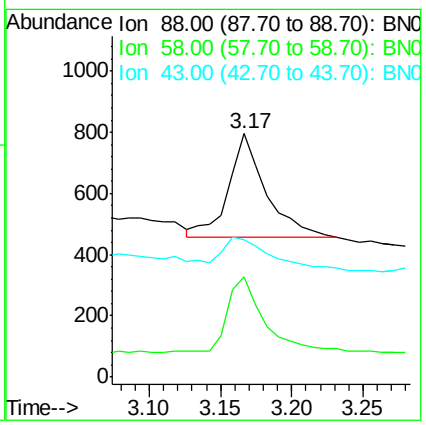


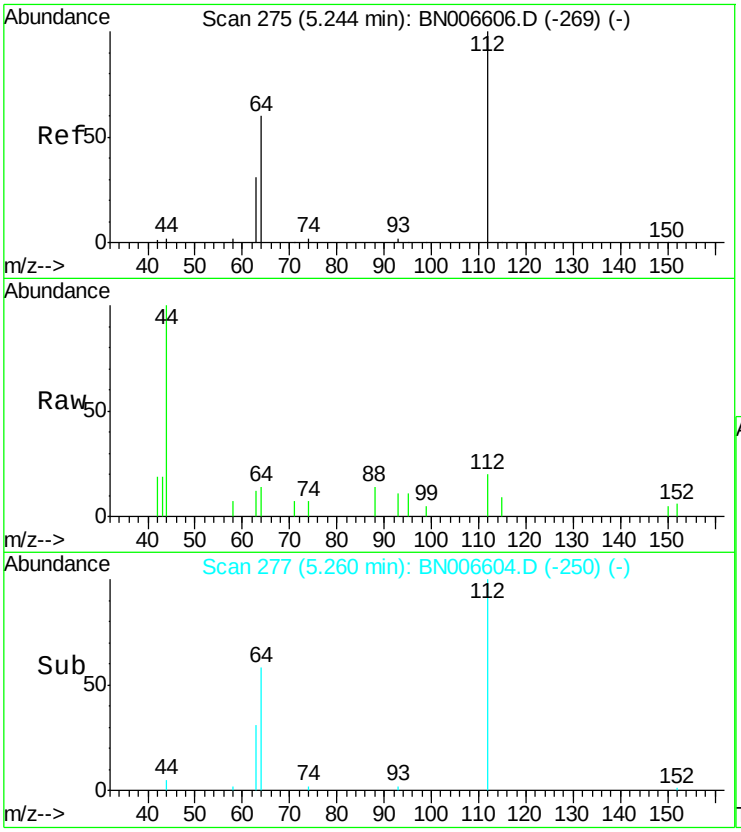


#2
1,4-Dioxane
Concen: 0.158 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion: 88 Resp: 604

Ion	Ratio	Lower	Upper
88	100		
58	72.8	62.5	93.7
43	34.3	25.4	38.0



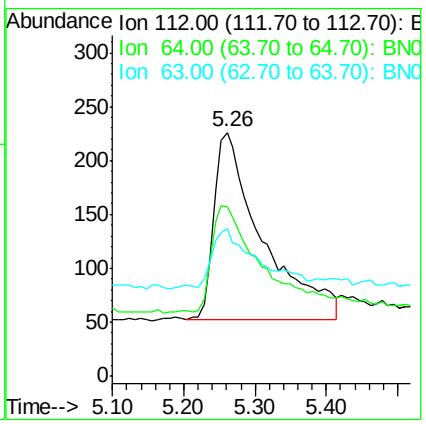


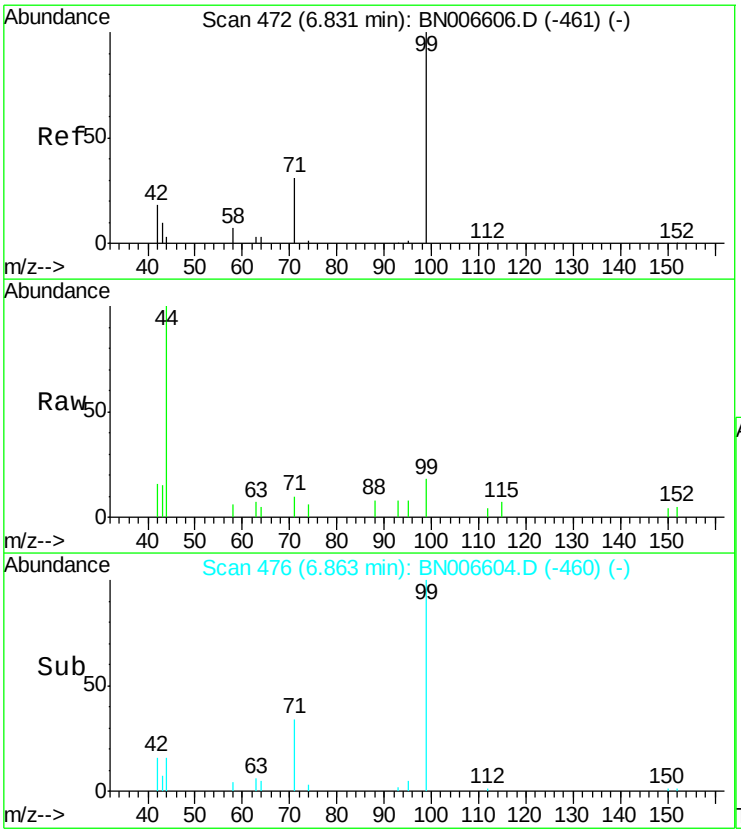
#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.26 min Scan# 277
Delta R.T. 0.02 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:112 Resp: 825

Ion	Ratio	Lower	Upper
112	100		
64	58.8	48.9	73.3
63	30.9	24.3	36.5

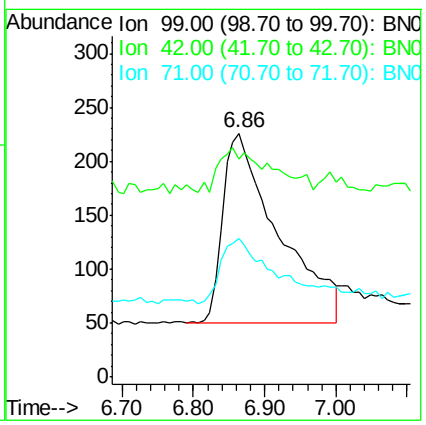


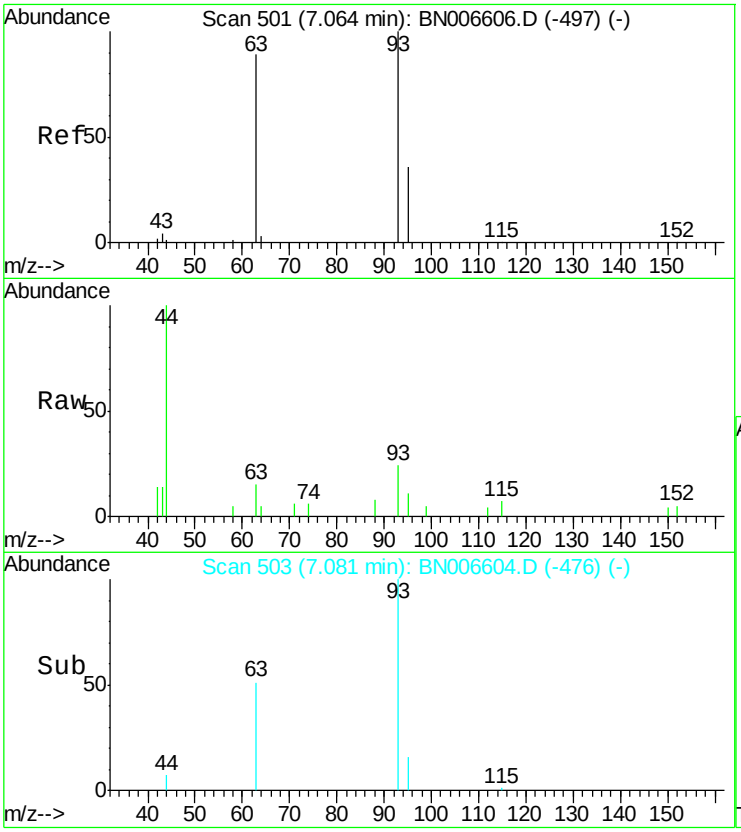


#5
Phenol-d6
Concen: 0.091 ng
RT: 6.86 min Scan# 476
Delta R.T. 0.03 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion: 99 Resp: 954

Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.4	24.6
71	34.1	26.6	40.0



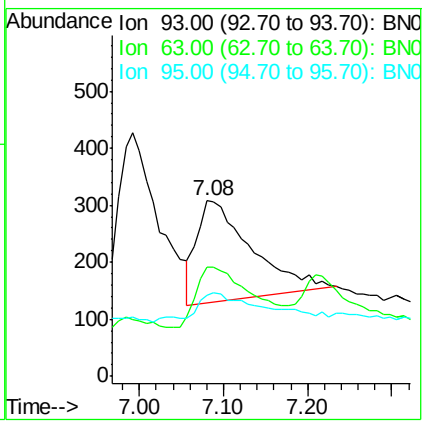


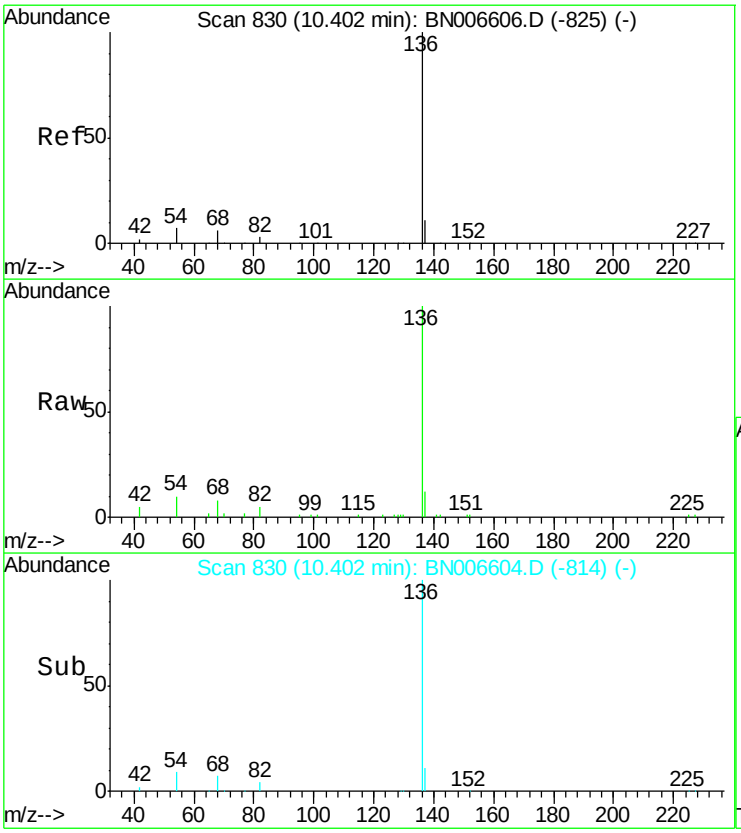
#6
bis(2-Chloroethyl)ether
Concen: 0.081 ng
RT: 7.08 min Scan# 503
Delta R.T. 0.02 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 802

Ion	Ratio	Lower	Upper
93	100		
63	62.6	52.5	78.7
95	28.4	24.2	36.4

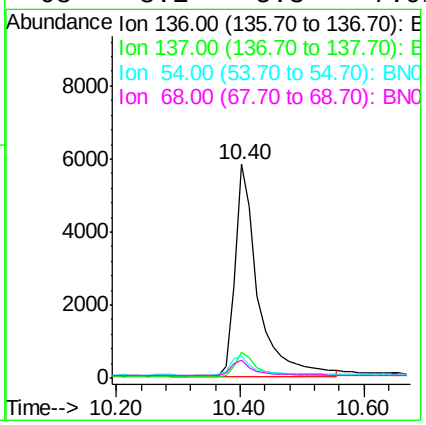


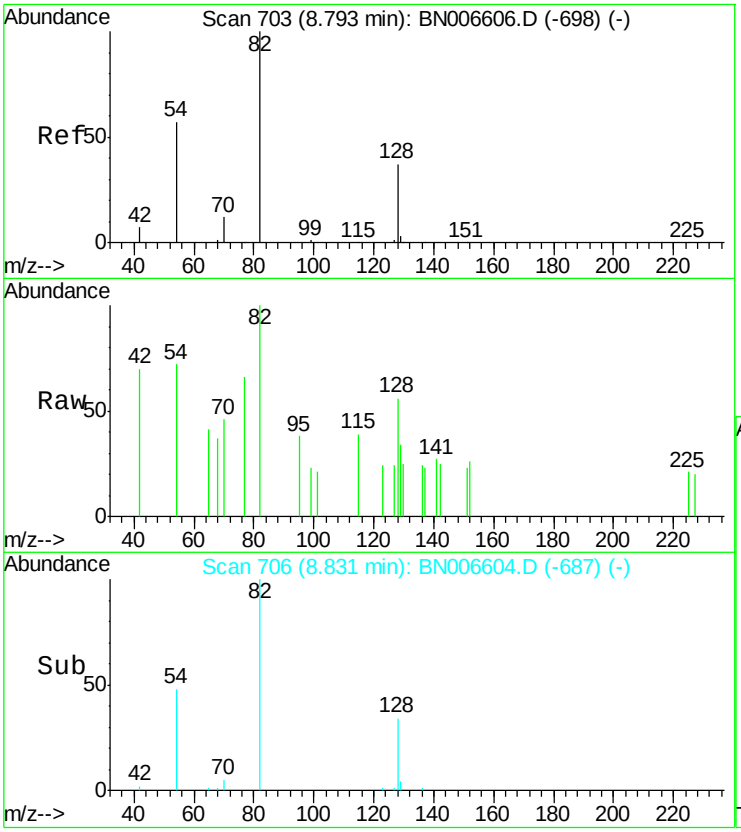


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:136 Resp: 14971

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	10.5	6.7	10.1#
68	8.1	5.3	7.9#



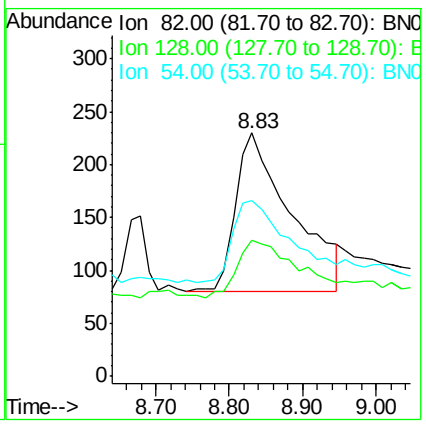


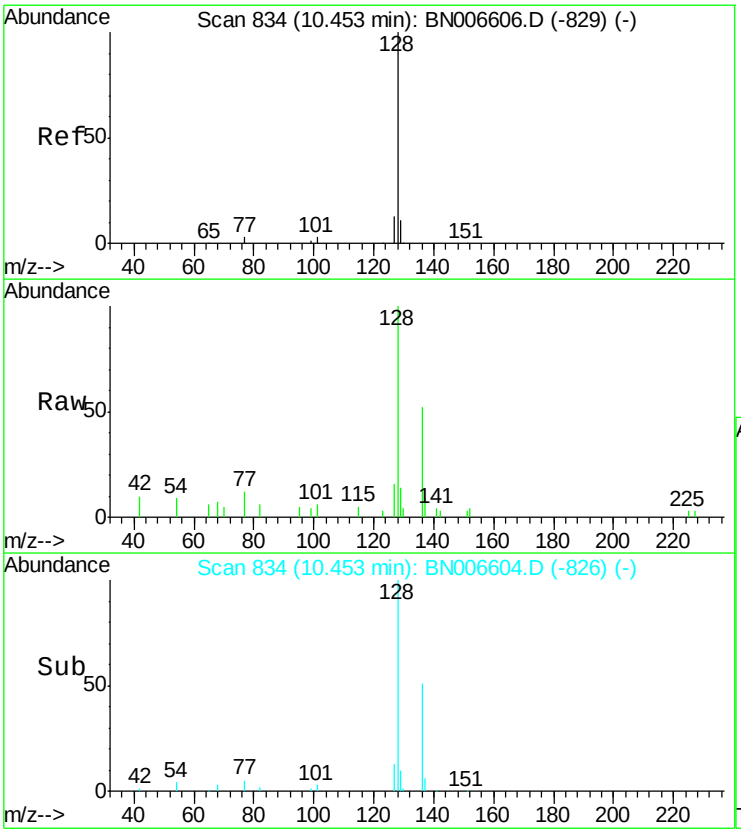
#8
Nitrobenzene-d5
Concen: 0.091 ng
RT: 8.83 min Scan# 706
Delta R.T. 0.04 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 789

Ion	Ratio	Lower	Upper
82	100		
128	55.7	32.6	49.0#
54	72.2	48.2	72.4

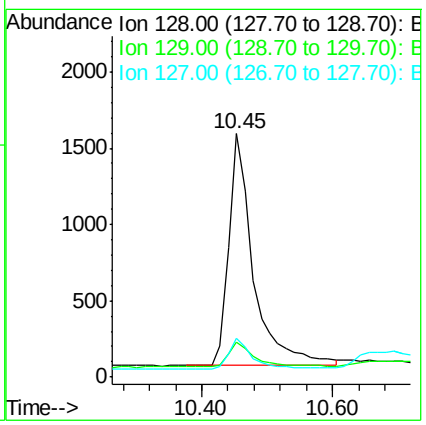


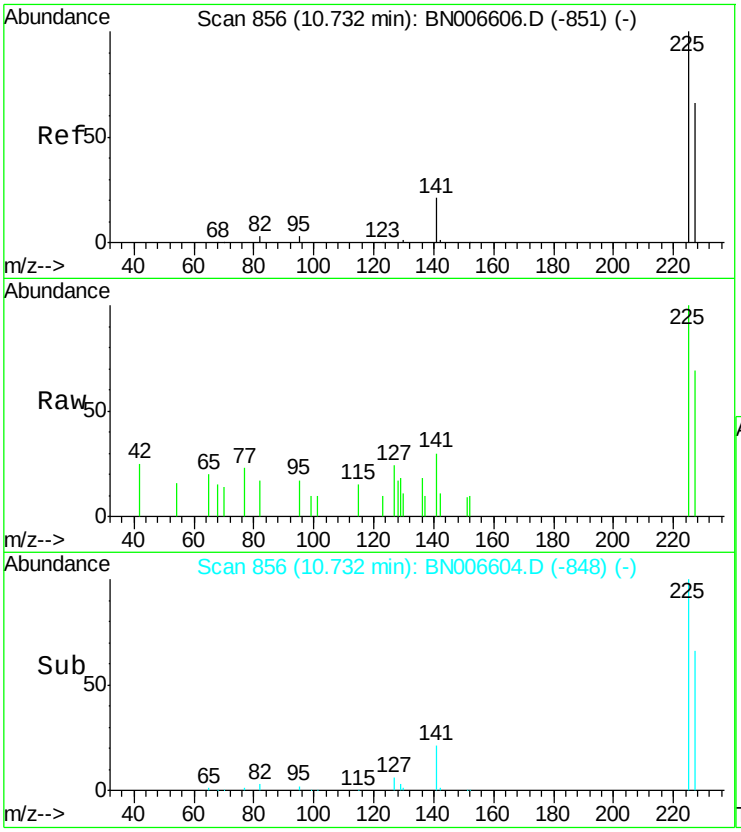


#9
Naphthalene
Concen: 0.107 ng
RT: 10.45 min Scan# 834
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:128 Resp: 4017

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.3	13.9#
127	15.9	10.8	16.2



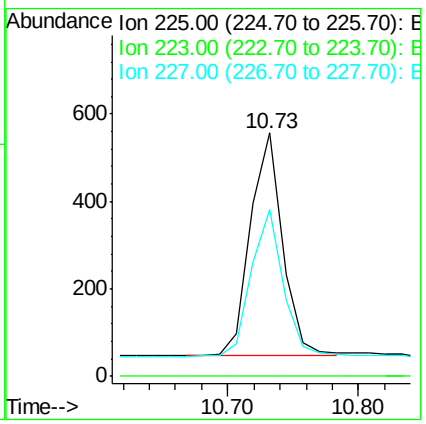


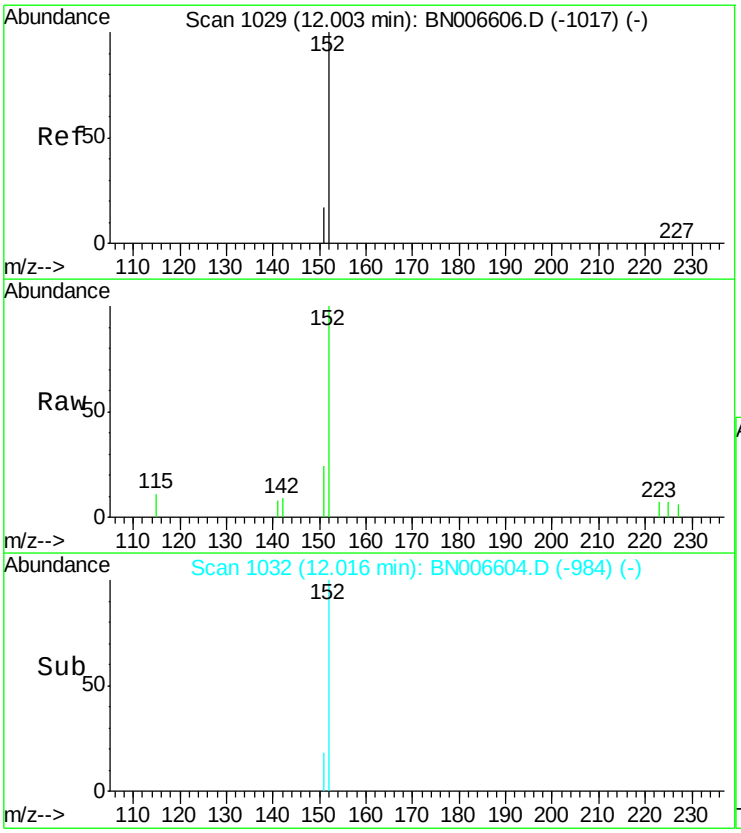
#10
Hexachlorobutadiene
Concen: 0.124 ng
RT: 10.73 min Scan# 856
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 866

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.4	51.4	77.2

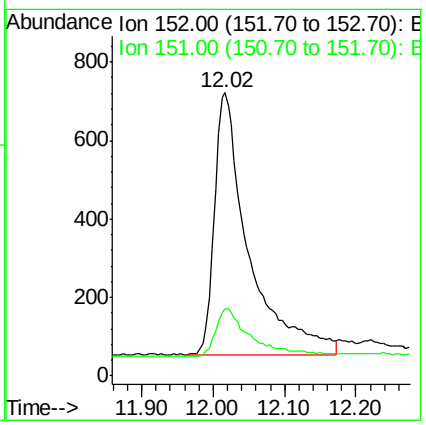


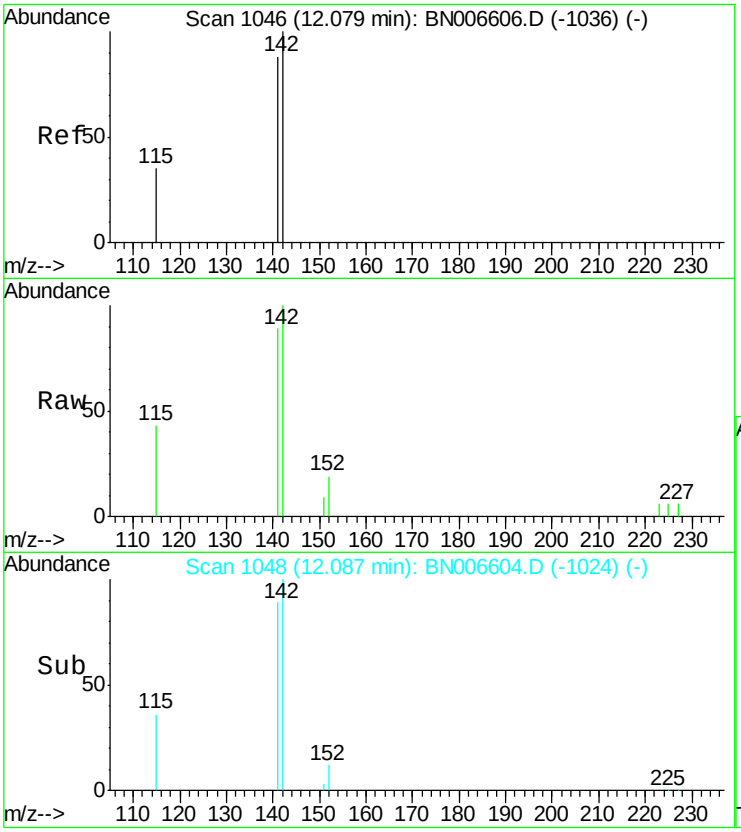


#11
2-Methylnaphthalene-d10
Concen: 0.097 ng
RT: 12.02 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:152 Resp: 2255

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.4



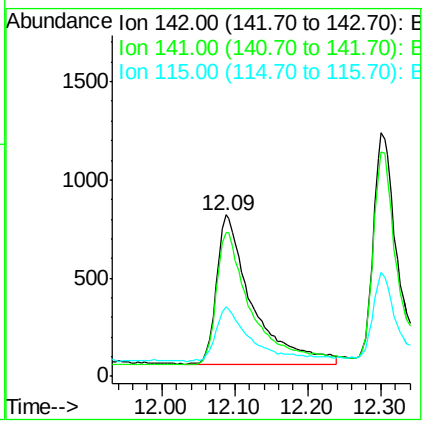


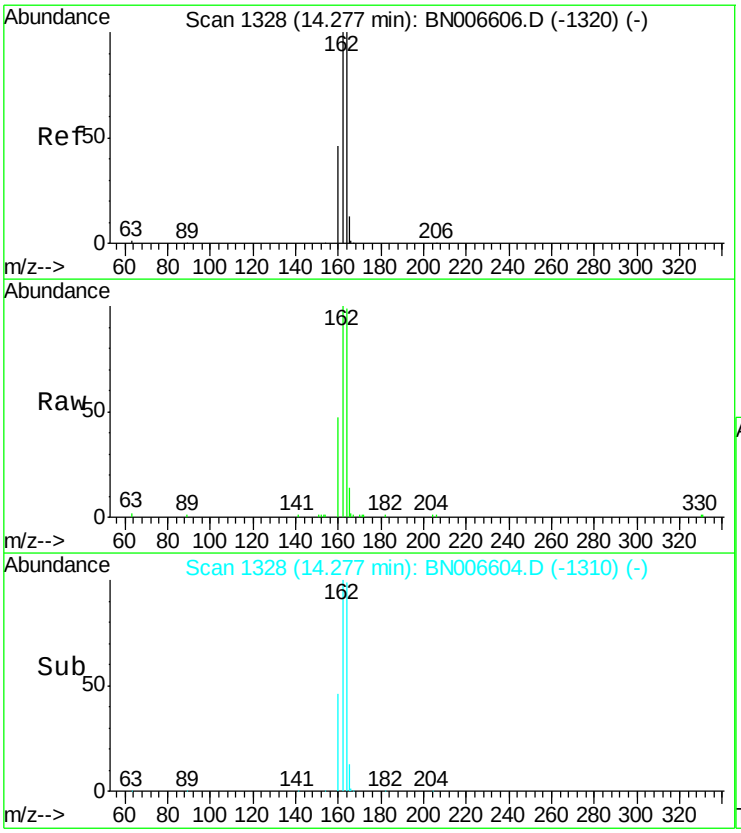
#12
2-Methylnaphthalene
Concen: 0.095 ng
RT: 12.09 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 2569

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.2	105.4
115	43.4	28.5	42.7#

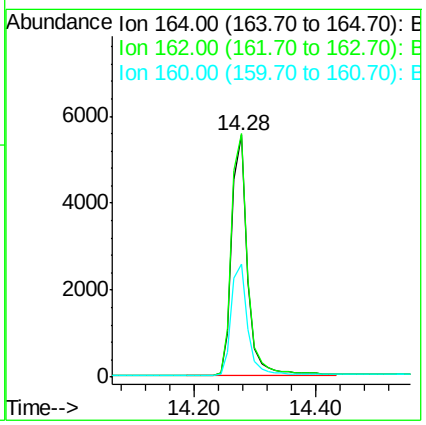


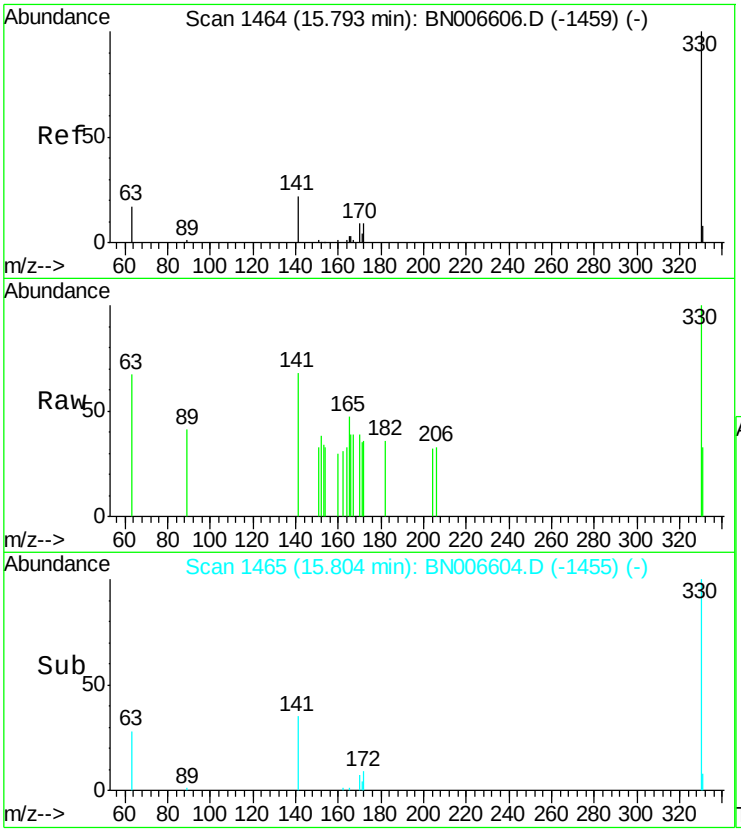


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.28 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:164 Resp: 9800

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.0	120.0
160	46.9	37.0	55.4



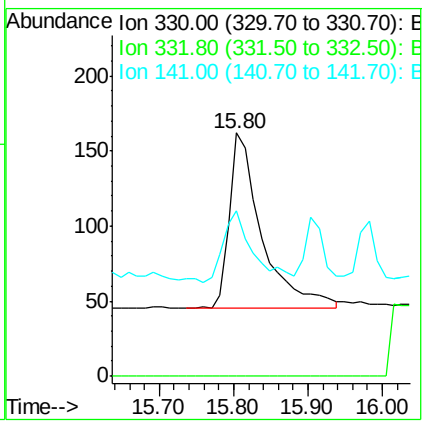


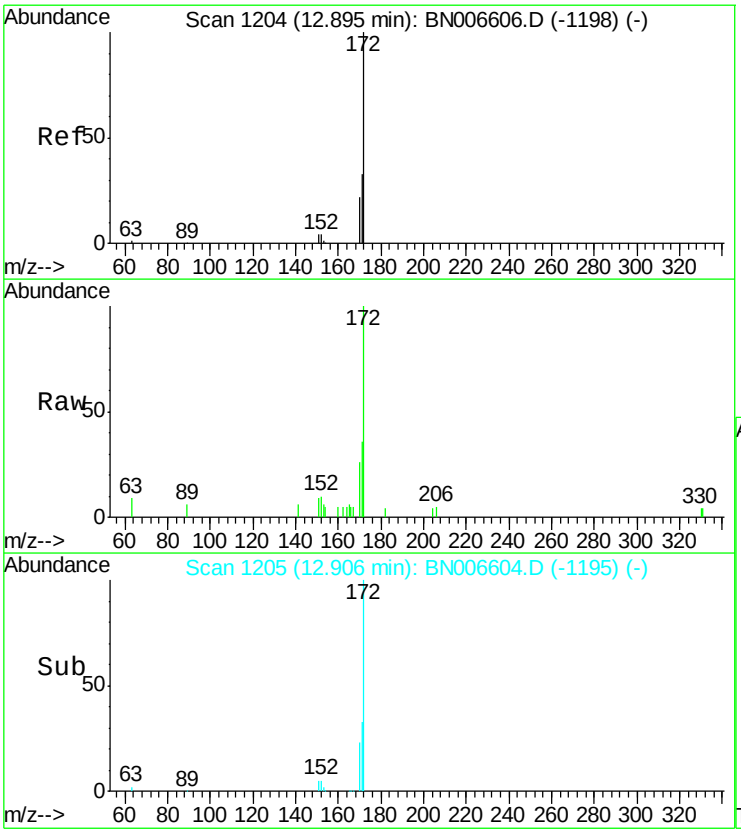
#14
2,4,6-Tribromophenol
Concen: 0.065 ng
RT: 15.80 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 358

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.0	26.5	39.7

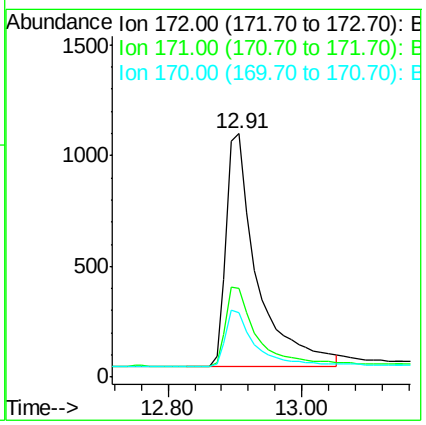


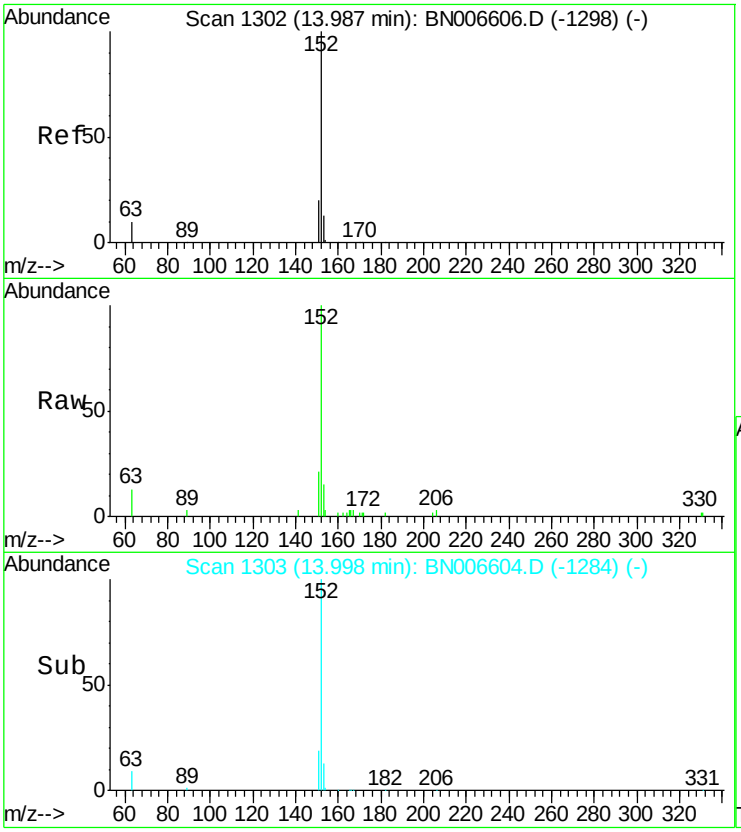


#15
2-Fluorobiphenyl
Concen: 0.091 ng
RT: 12.91 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:172 Resp: 3368

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.0	40.4
170	26.4	17.7	26.5



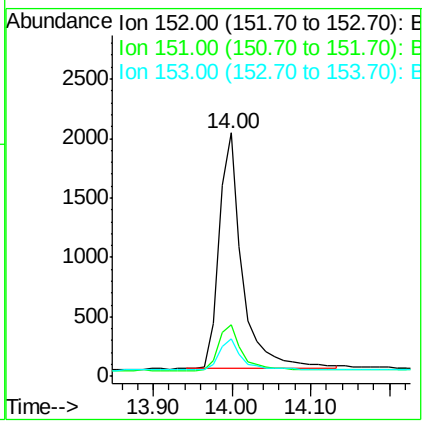


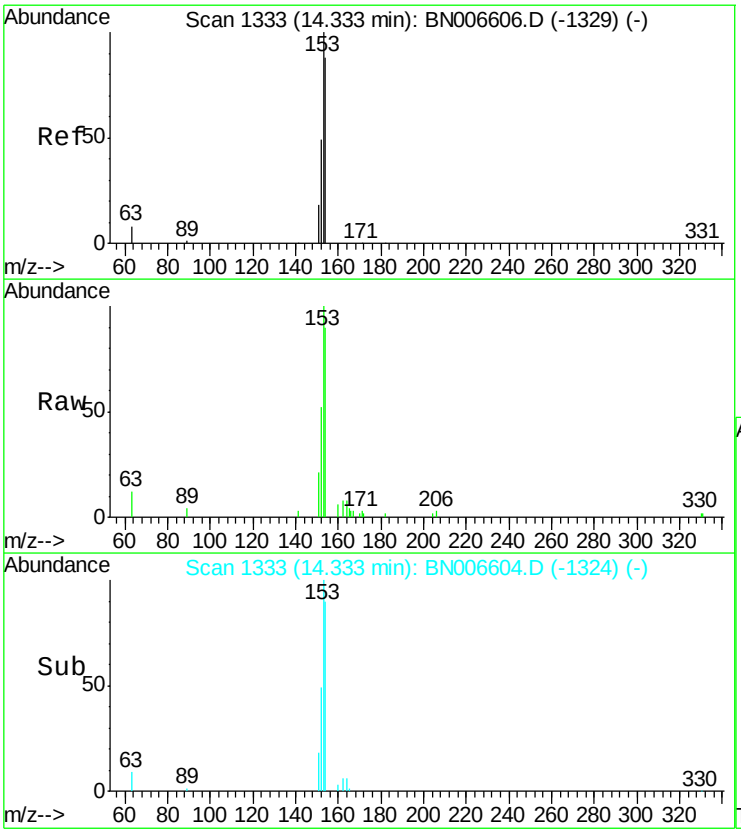
#16
Acenaphthylene
Concen: 0.088 ng
RT: 14.00 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 4082

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.6	23.4
153	13.2	10.5	15.7

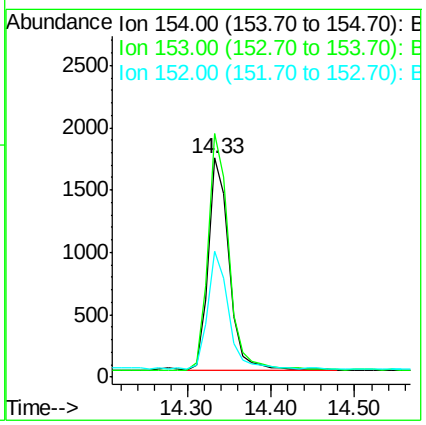


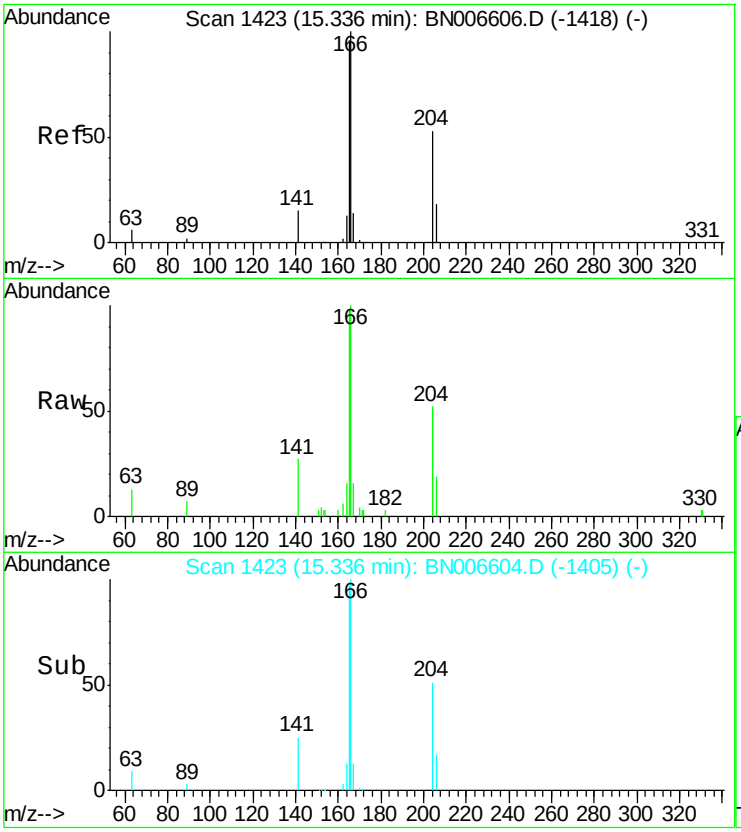


#17
Acenaphthene
Concen: 0.102 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:154 Resp: 2998

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.2	135.4
152	54.4	44.2	66.4



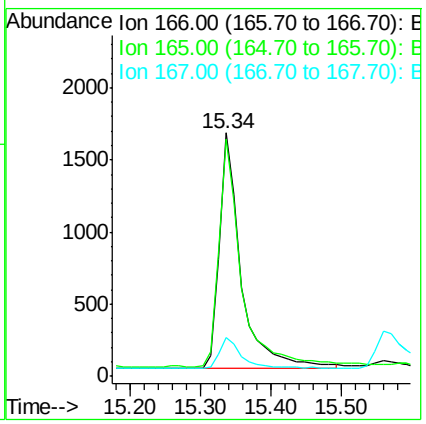


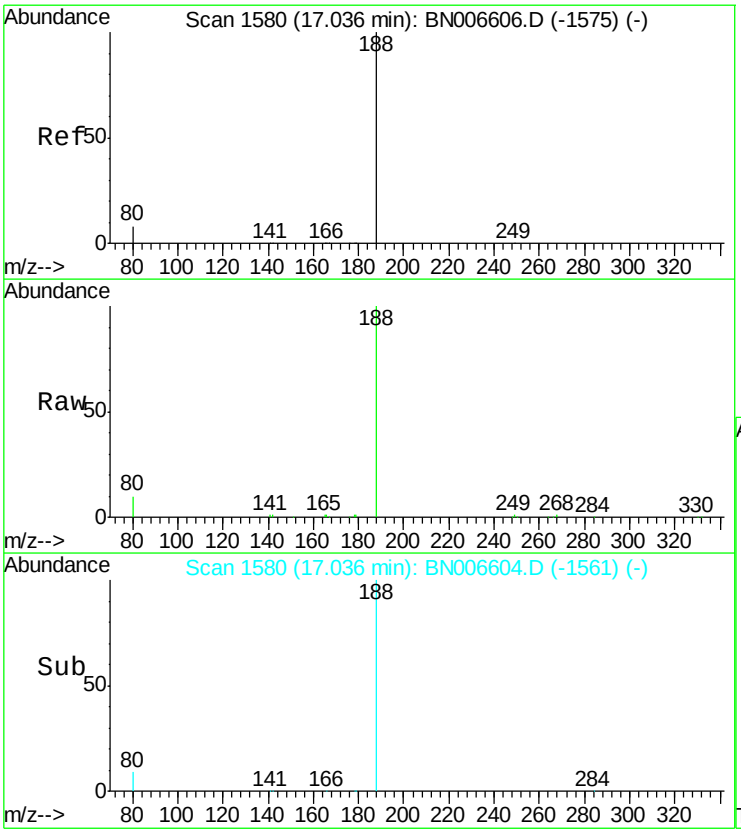
#18
Fluorene
Concen: 0.091 ng
RT: 15.34 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 3579

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.6	10.8	16.2

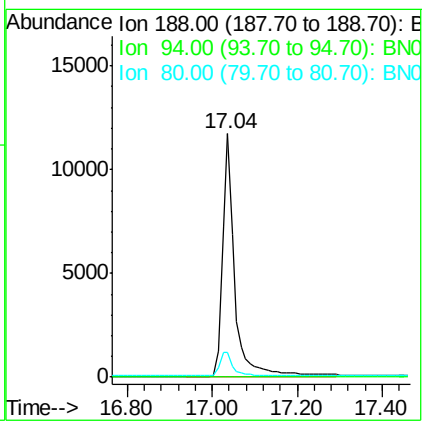


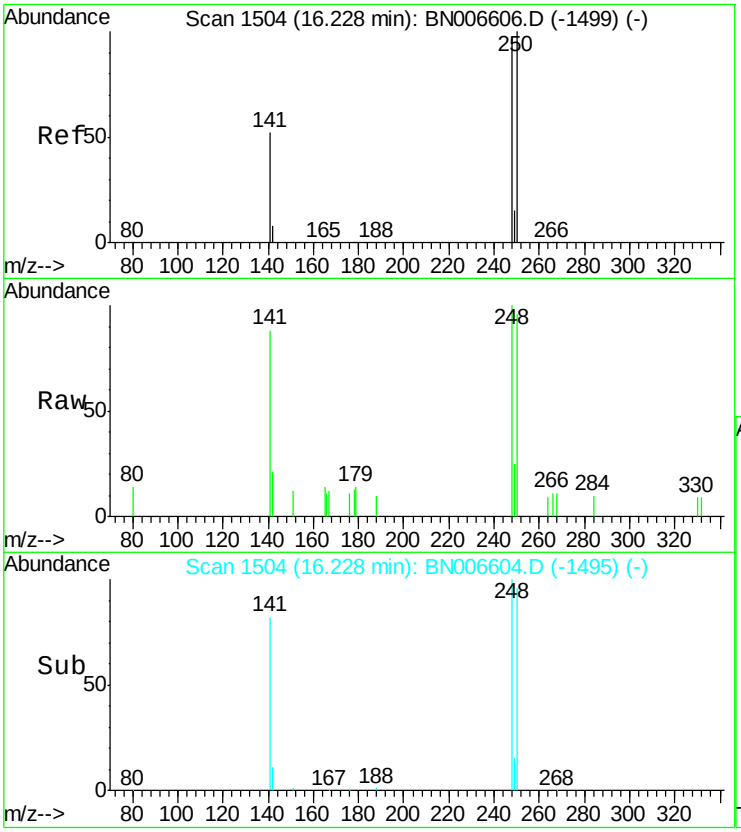


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:188 Resp: 22835

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	7.1	10.7



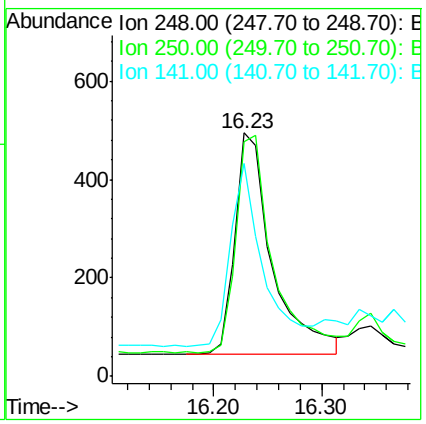


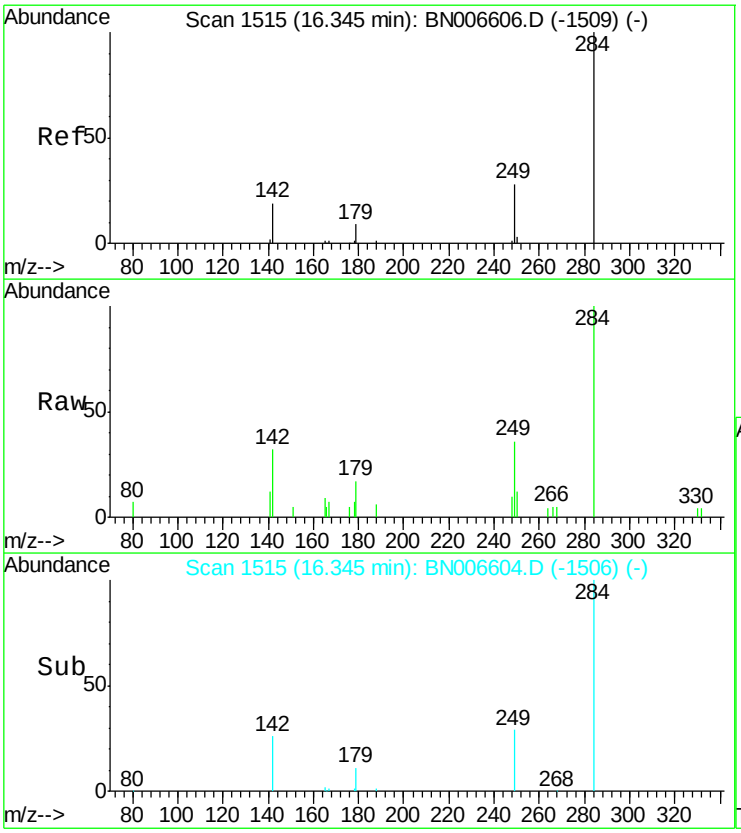
#20
4-Bromophenyl-phenylether
Concen: 0.082 ng
RT: 16.23 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 1069

Ion	Ratio	Lower	Upper
248	100		
250	96.4	82.2	123.4
141	87.7	43.8	65.8#

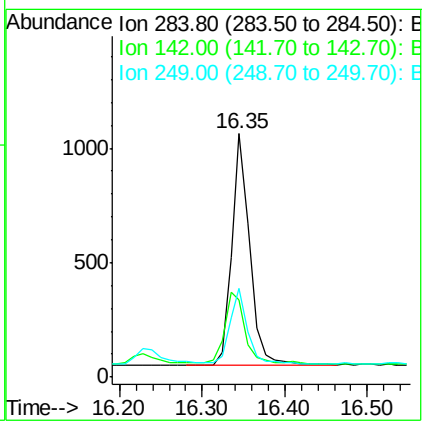


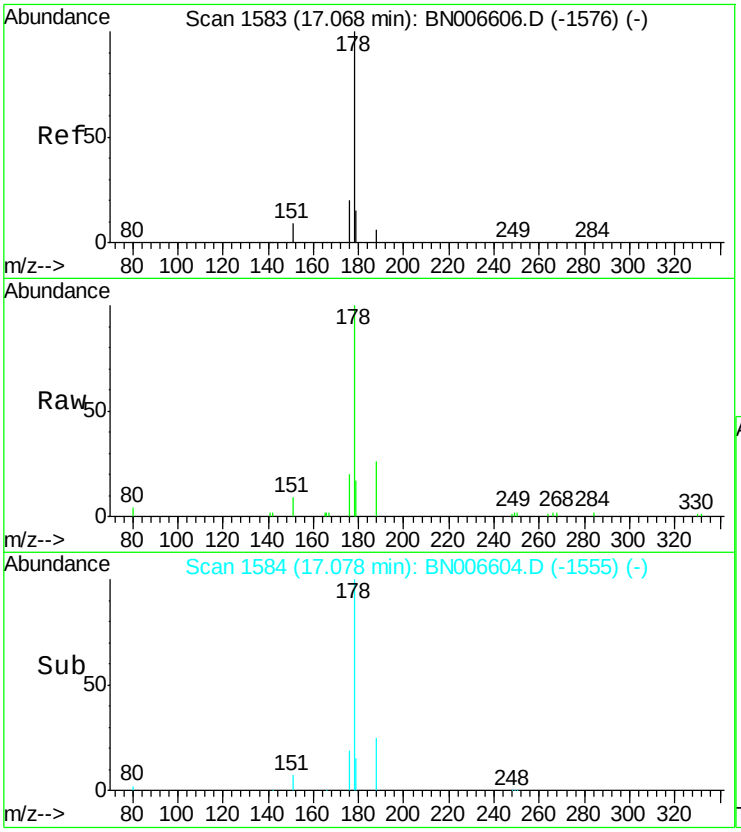


#21
Hexachlorobenzene
Concen: 0.108 ng
RT: 16.35 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:284 Resp: 1566

Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.5	41.3
249	32.0	24.7	37.1



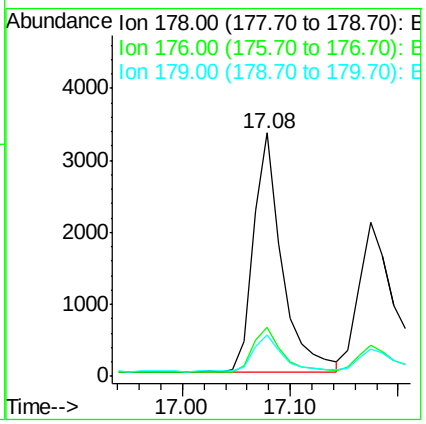


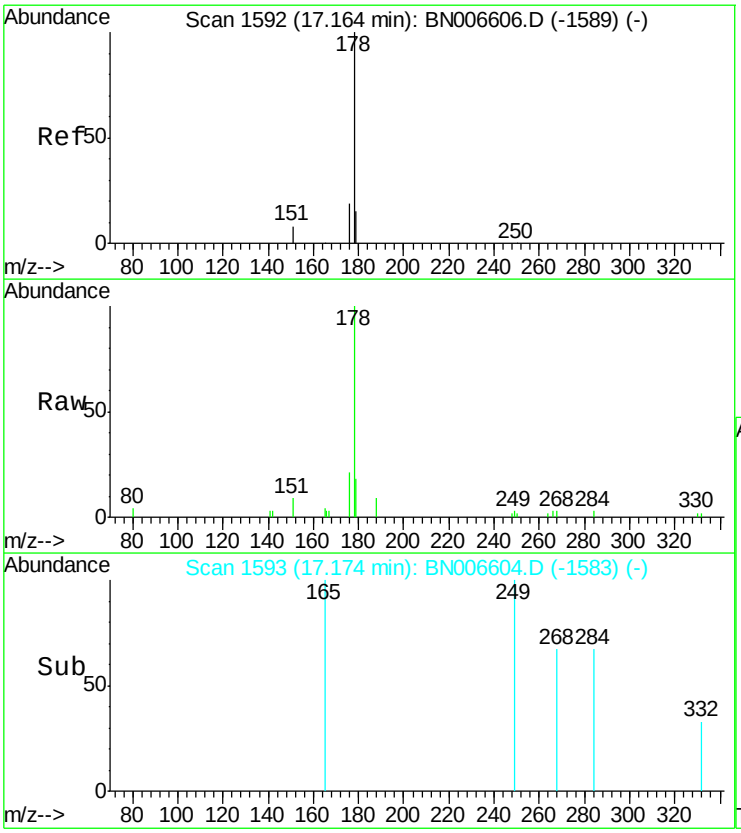
#23
Phenanthrene
Concen: 0.095 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6068

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	16.1	12.2	18.4

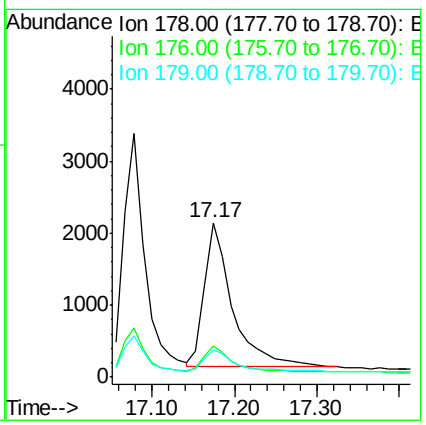


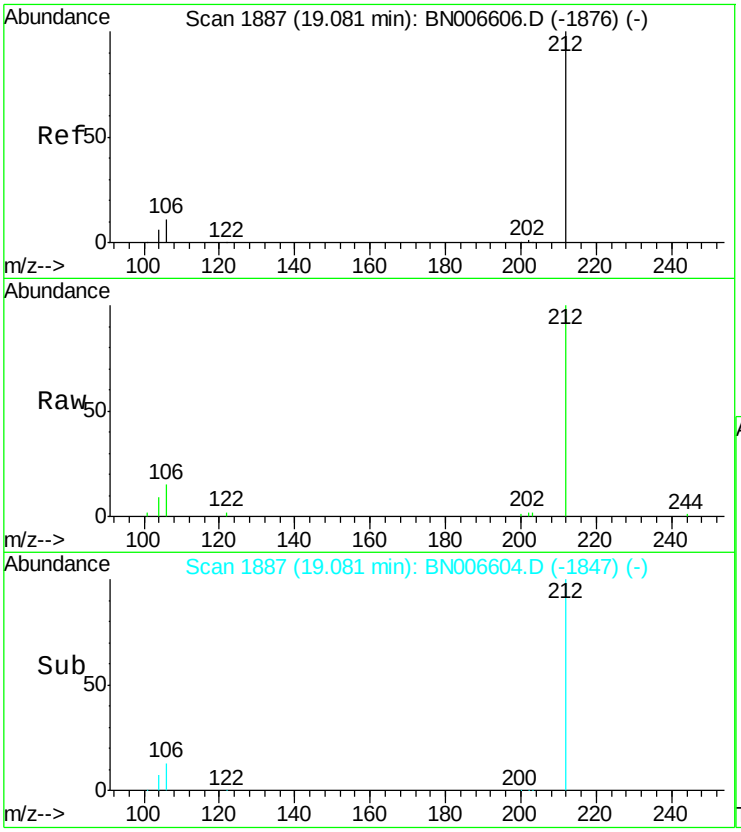


#24
Anthracene
Concen: 0.082 ng
RT: 17.17 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:178 Resp: 4666

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.6	12.2	18.2



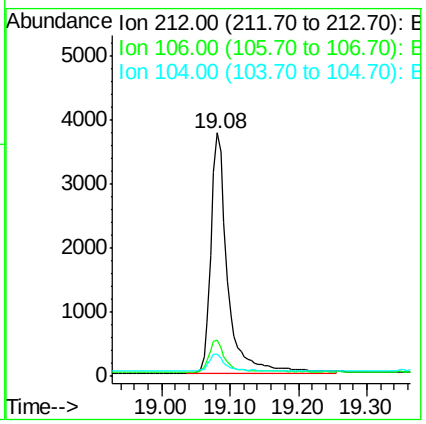


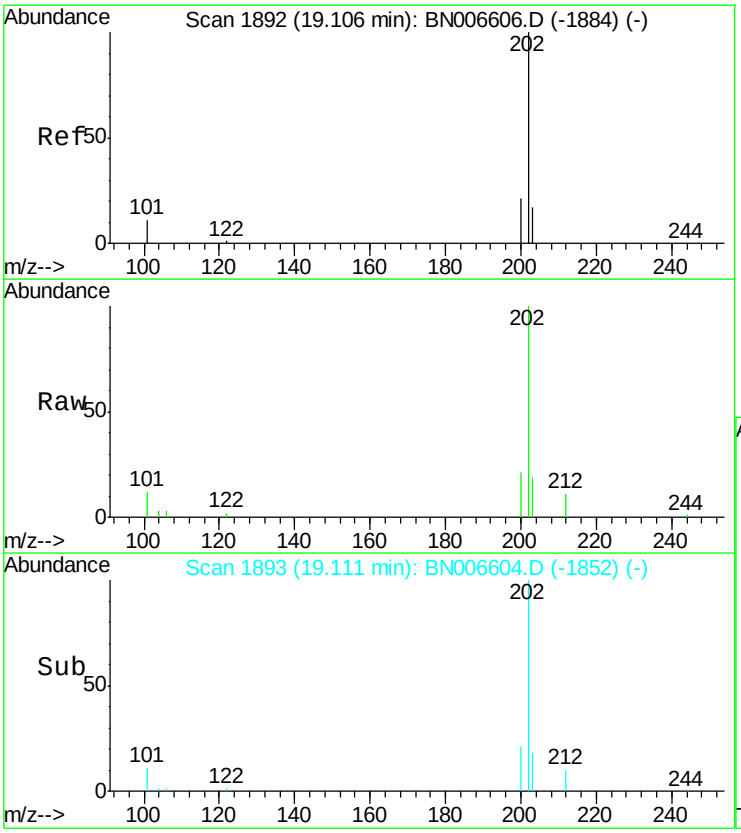
#25
Fluoranthene-d10
Concen: 0.099 ng
RT: 19.08 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 6430

Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.6	15.8
104	6.9	5.8	8.6

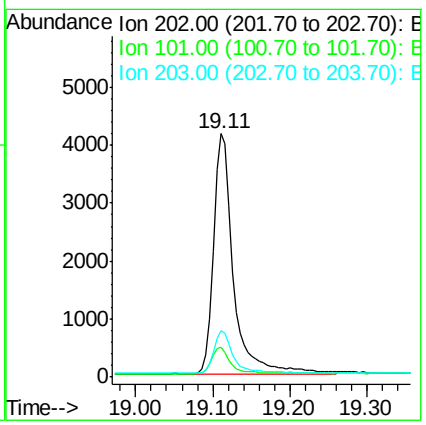


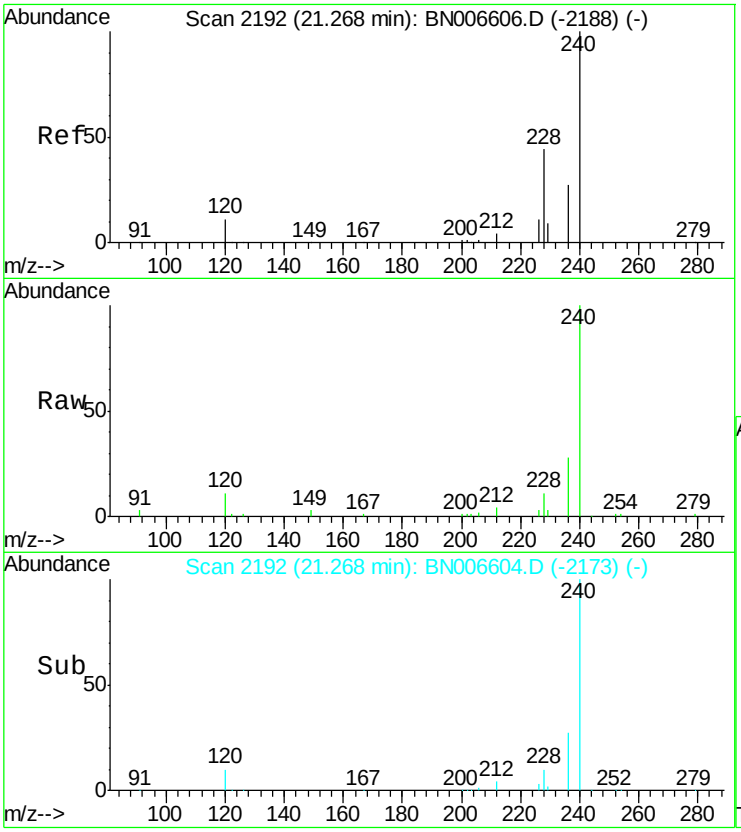


#26
Fluoranthene
Concen: 0.094 ng
RT: 19.11 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:202 Resp: 7370

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.9	13.3
203	17.3	13.6	20.4



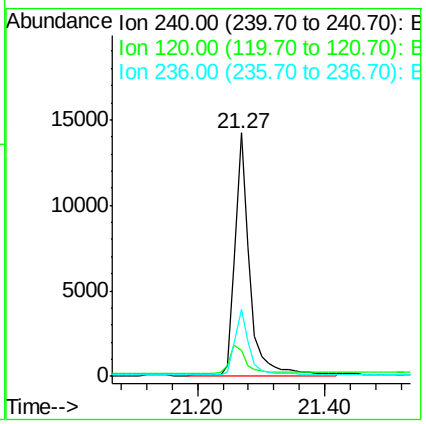


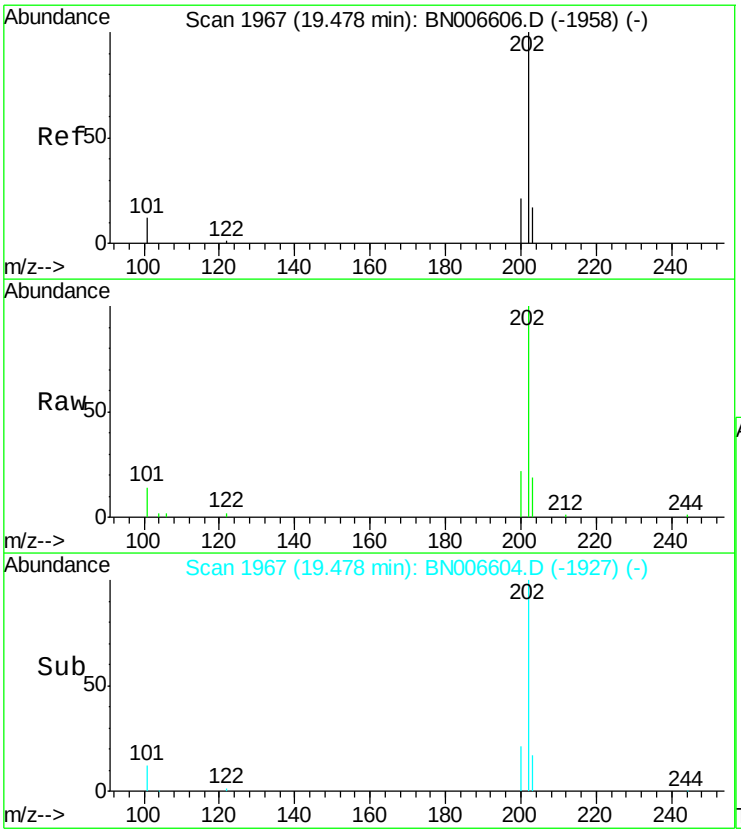
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 22365

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.9	14.9
236	27.5	22.2	33.4

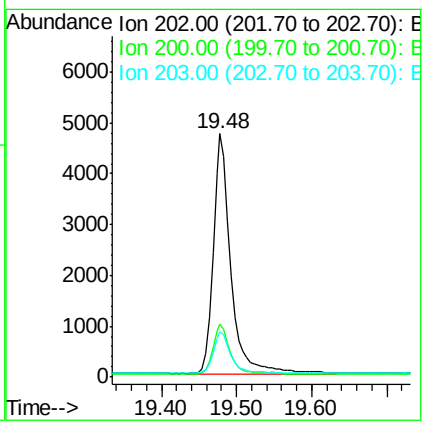


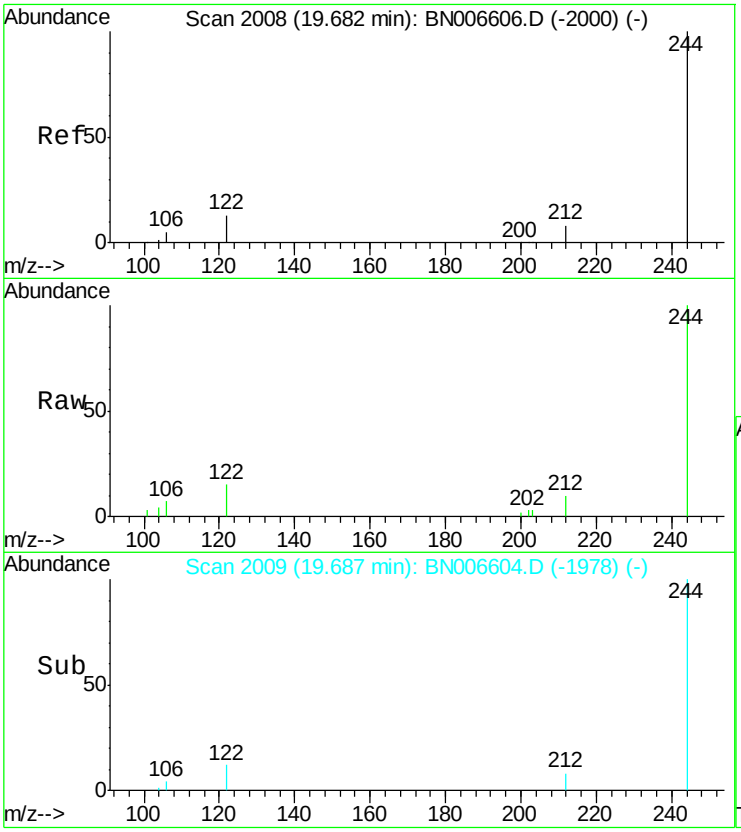


#28
Pyrene
Concen: 0.123 ng
RT: 19.48 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:202 Resp: 7792

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	14.1	21.1



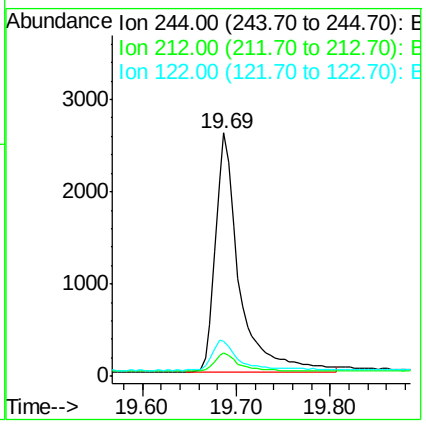


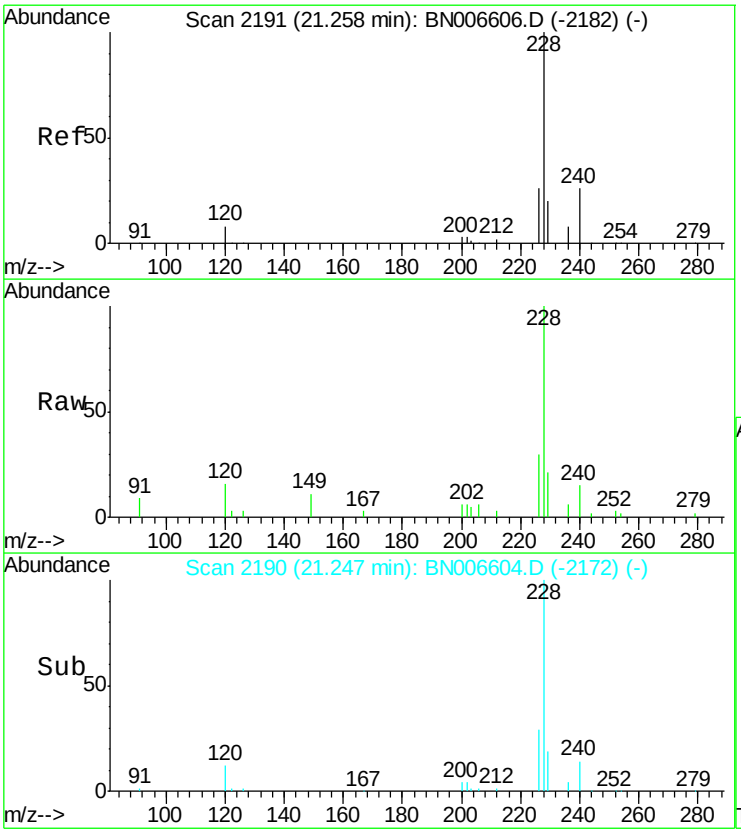
#29
Terphenyl-d14
Concen: 0.099 ng
RT: 19.69 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 4546

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.7	10.1
122	14.6	11.0	16.6

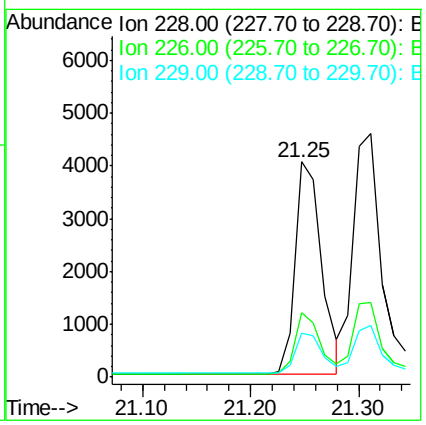


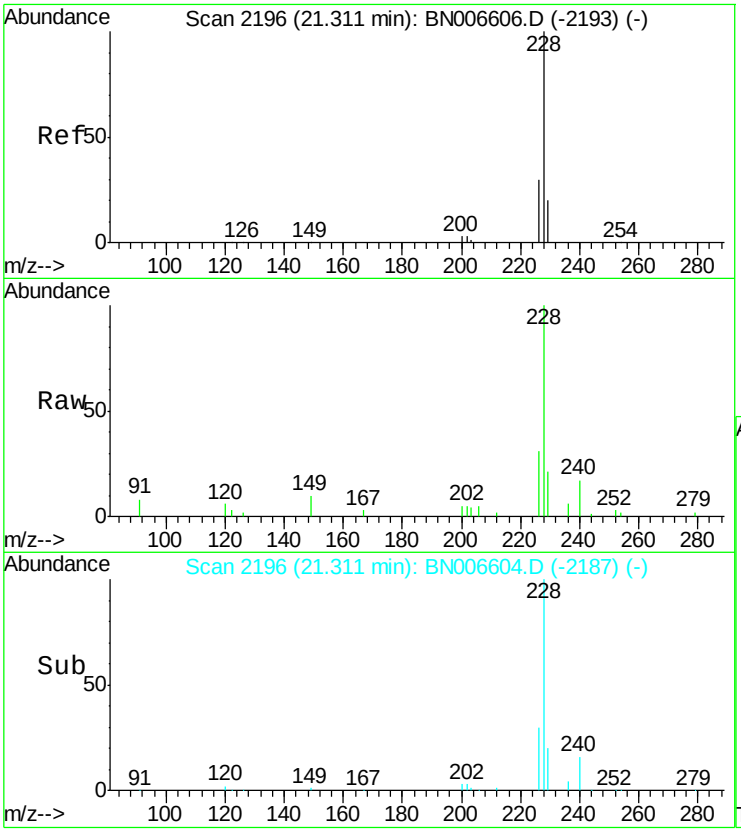


#30
Benzo(a)anthracene
Concen: 0.107 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:228 Resp: 6777

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.2	31.8
229	20.6	16.1	24.1



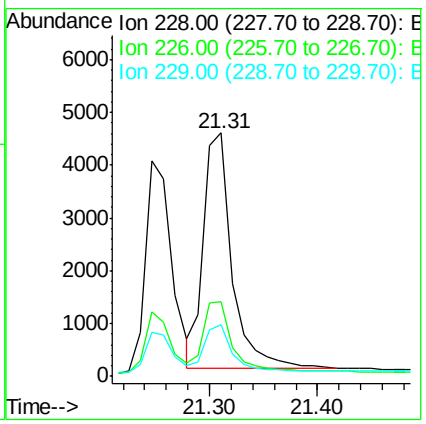


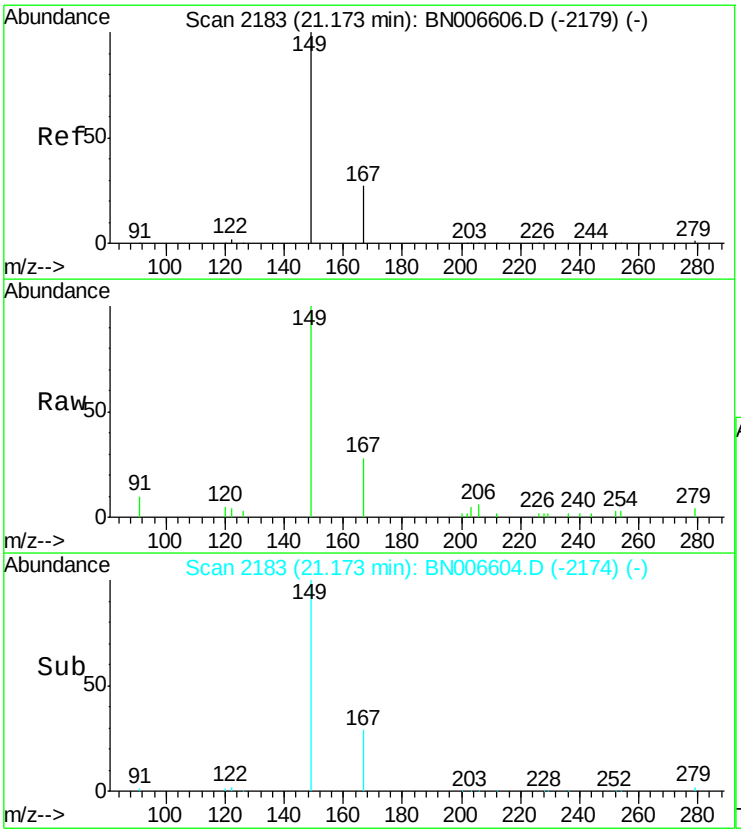
#31
Chrysene
Concen: 0.120 ng
RT: 21.31 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 8155

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.6
229	21.4	15.9	23.9

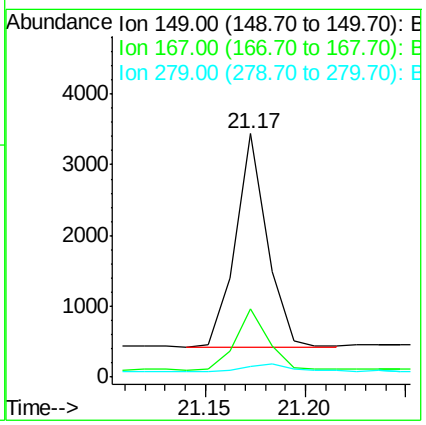


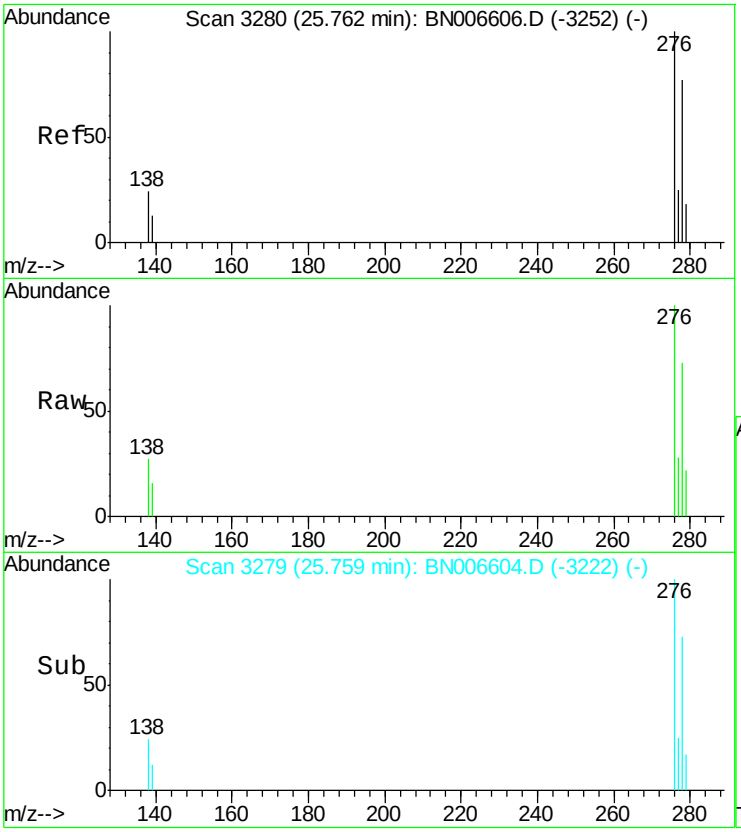


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.127 ng
RT: 21.17 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:149 Resp: 3356

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.9	34.3
279	4.5	3.3	4.9



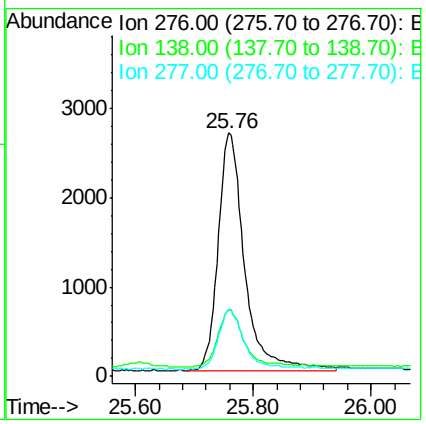


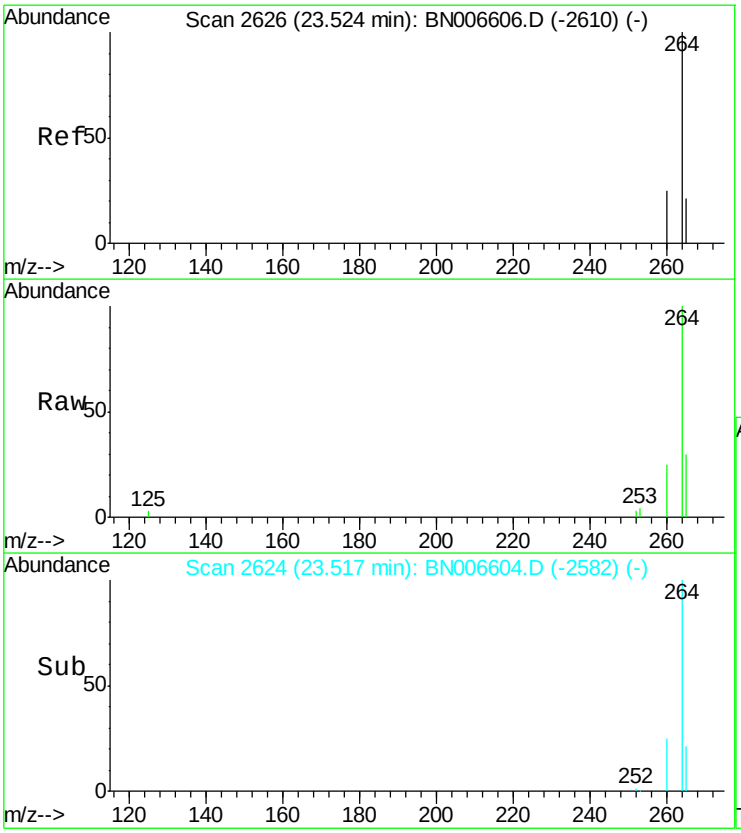
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng
RT: 25.76 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 8237

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.3	28.9
277	24.7	19.9	29.9

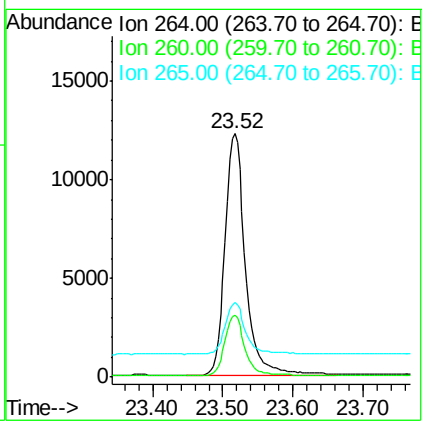


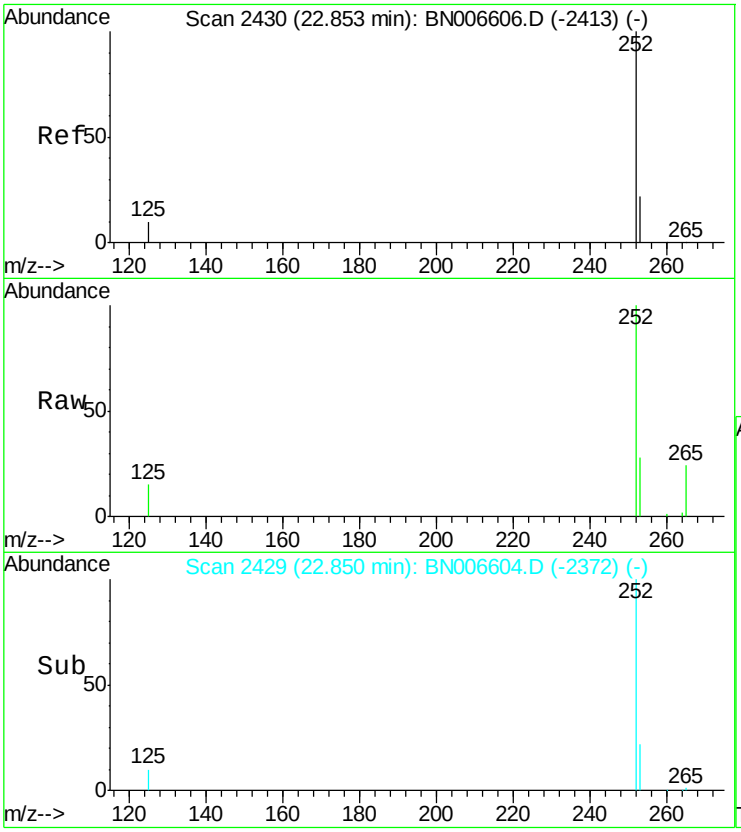


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:264 Resp: 24858

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	30.4	23.3	34.9



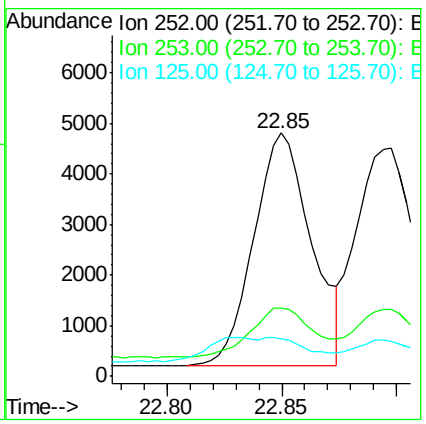


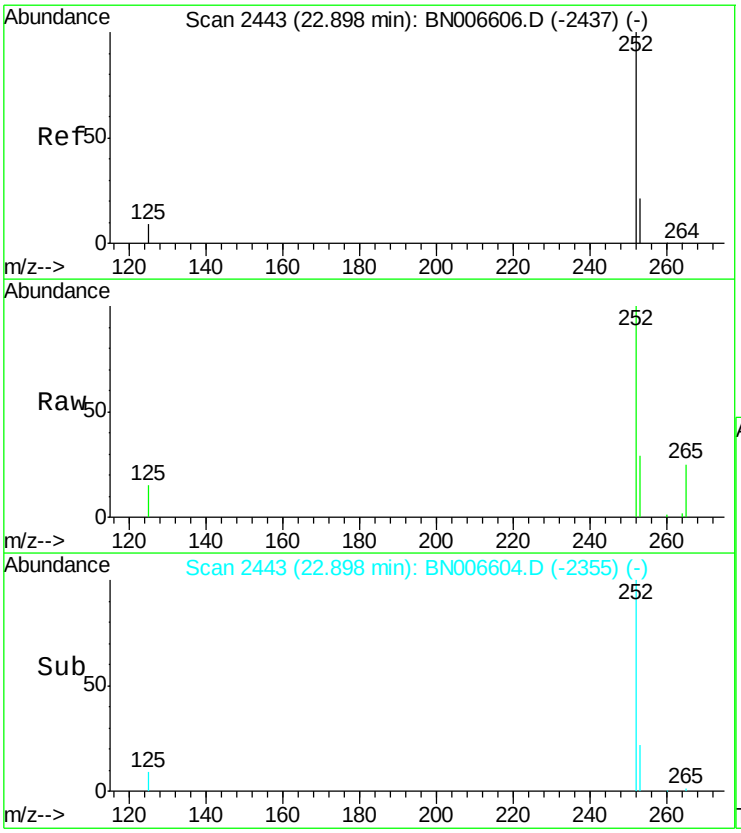
#35
Benzo(b)fluoranthene
Concen: 0.101 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 8033

Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.4	27.6#
125	15.3	8.7	13.1#

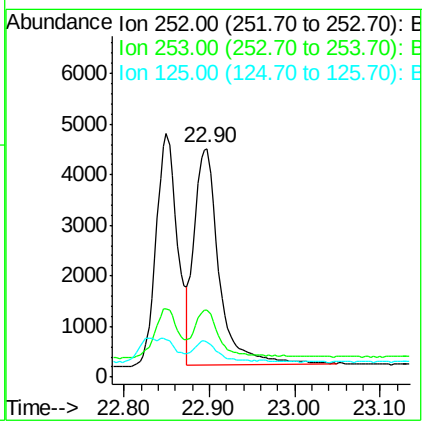


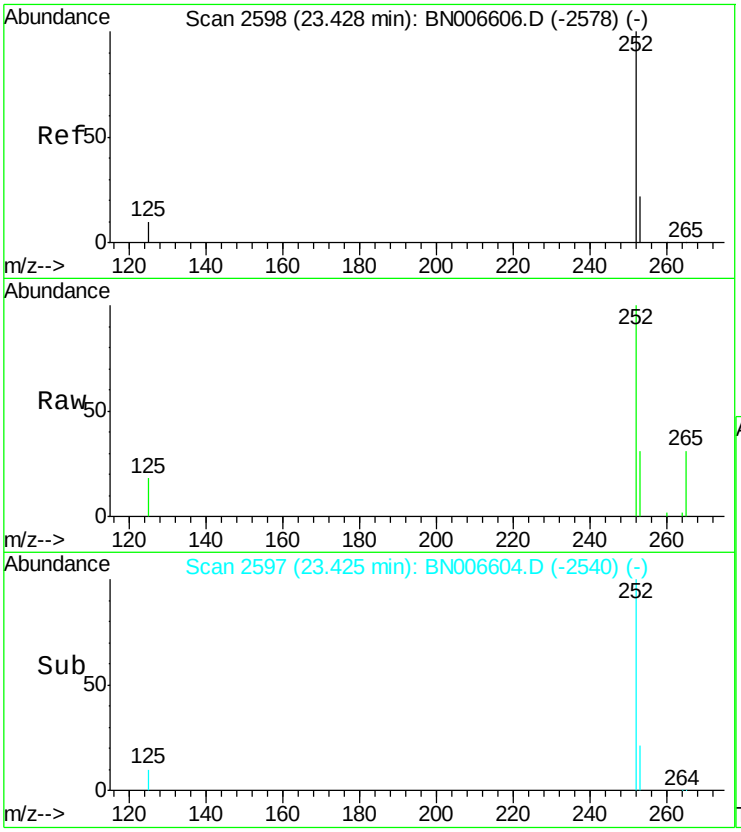


#36
Benzo(k)fluoranthene
Concen: 0.113 ng
RT: 22.90 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:252 Resp: 8695

Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.3	27.5#
125	15.1	8.4	12.6#



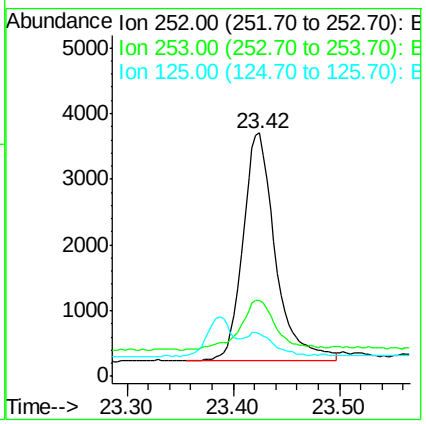


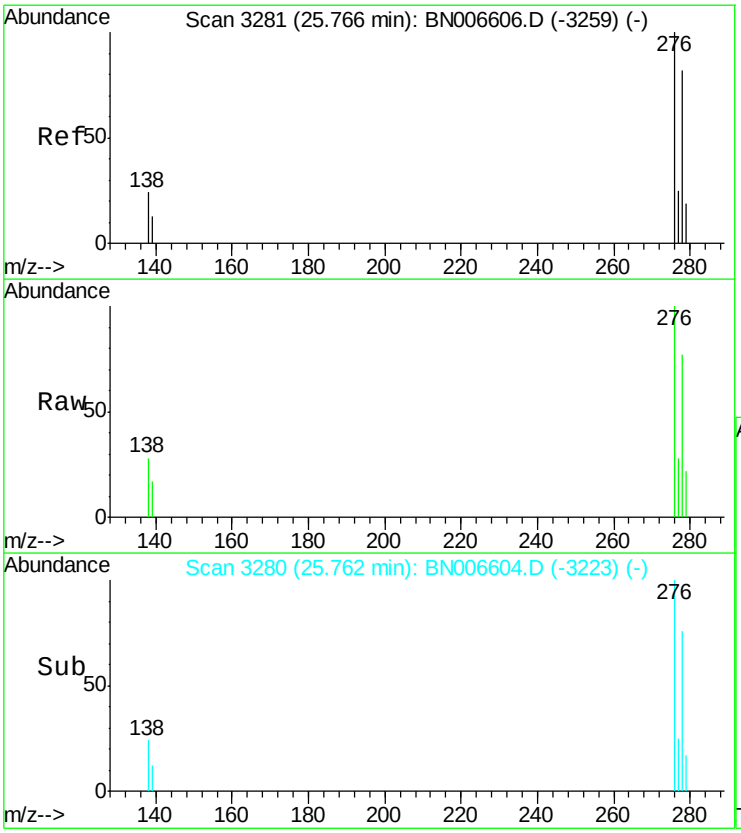
#37
Benzo(a)pyrene
Concen: 0.104 ng
RT: 23.42 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 7370

Ion	Ratio	Lower	Upper
252	100		
253	31.1	18.8	28.2#
125	17.5	9.4	14.2#

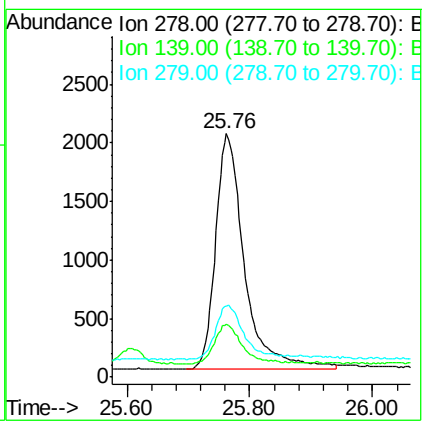


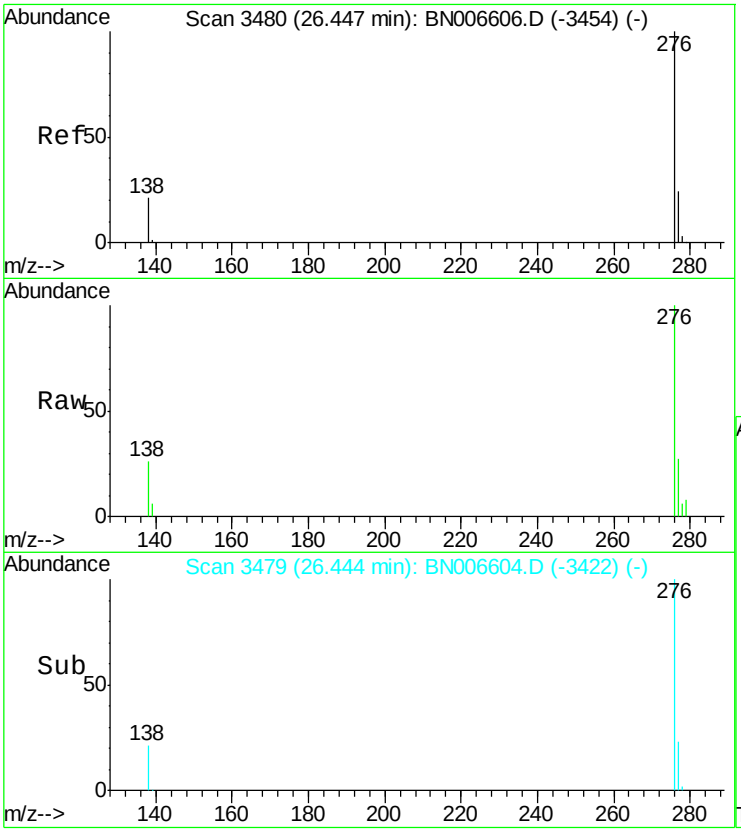


#38
Dibenzo(a,h)anthracene
Concen: 0.092 ng
RT: 25.76 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:278 Resp: 6554

Ion	Ratio	Lower	Upper
278	100		
139	21.5	13.5	20.3#
279	29.1	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.094 ng
RT: 26.44 min Scan# 3479
Delta R.T. -0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 6743

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.6	29.4
138	25.7	17.7	26.5