Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
Data File : BN006763.D
Acq On : 09 Jul 2019 09:49
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Jul 09 12:31:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 12:25:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2879	0.40	ng		0.00
7) Naphthalene-d8	10.36	136	10916	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	6275	0.40	ng		0.00
19) Phenanthrene-d10	17.00	188	14628	0.40	ng		0.00
27) Chrysene-d12	21.24	240	14941	0.40	ng		0.00
34) Perylene-d12	23.47	264	17337	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	2509	0.32	ng		0.00
5) Phenol-d6	6.81	99	3330	0.34	ng		0.00
8) Nitrobenzene-d5	8.78	82	2913	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.98	152	6938	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.77	330	1140	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	9866	0.40	ng		0.00
25) Fluoranthene-d10	19.06	212	18890	0.45	ng		0.00
29) Terphenyl-d14	19.66	244	14161	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	1863	0.414	ng		91
3) n-Nitrosodimethylamine	3.48	42	1276	0.376	ng		99
6) bis(2-Chloroethyl)ether	7.04	93	3677	0.440	ng		95
9) Naphthalene	10.42	128	12636	0.423	ng		100
10) Hexachlorobutadiene	10.68	225	2804	0.464	ng	#	100
12) 2-Methylnaphthalene	12.05	142	7922	0.358	ng		100
16) Acenaphthylene	13.96	152	12167	0.389	ng		100
17) Acenaphthene	14.30	154	8646	0.434	ng		100
18) Fluorene	15.30	166	10580	0.427	ng		100
20) 4-Bromophenyl-phenylether	16.20	248	3495	0.405	ng		100
21) Hexachlorobenzene	16.31	284	4714	0.460	ng		100
22) Pentachlorophenol	16.72	266	540	0.367	ng		100
23) Phenanthrene	17.05	178	17317	0.411	ng		100
24) Anthracene	17.15	178	14253	0.374	ng		99
26) Fluoranthene	19.09	202	22023	0.445	ng		100
28) Pyrene	19.45	202	22615	0.378	ng		100
30) Benzo(a)anthracene	21.23	228	19063	0.370	ng		100
31) Chrysene	21.28	228	23001	0.433	ng		100
32) Bis(2-ethylhexyl)phthalate	21.14	149	8178	0.053	ng		100
33) Indeno(1,2,3-cd)pyrene	25.69	276	28915	0.455	ng		100
35) Benzo(b)fluoranthene	22.80	252	22425	0.403	ng		100
36) Benzo(k)fluoranthene	22.85	252	26324	0.436	ng		100
37) Benzo(a)pyrene	23.37	252	22709	0.421	ng		100
38) Dibenzo(a,h)anthracene	25.70	278	22997	0.429	ng		100
39) Benzo(g,h,i)perylene	26.37	276	24494	0.444	ng		100

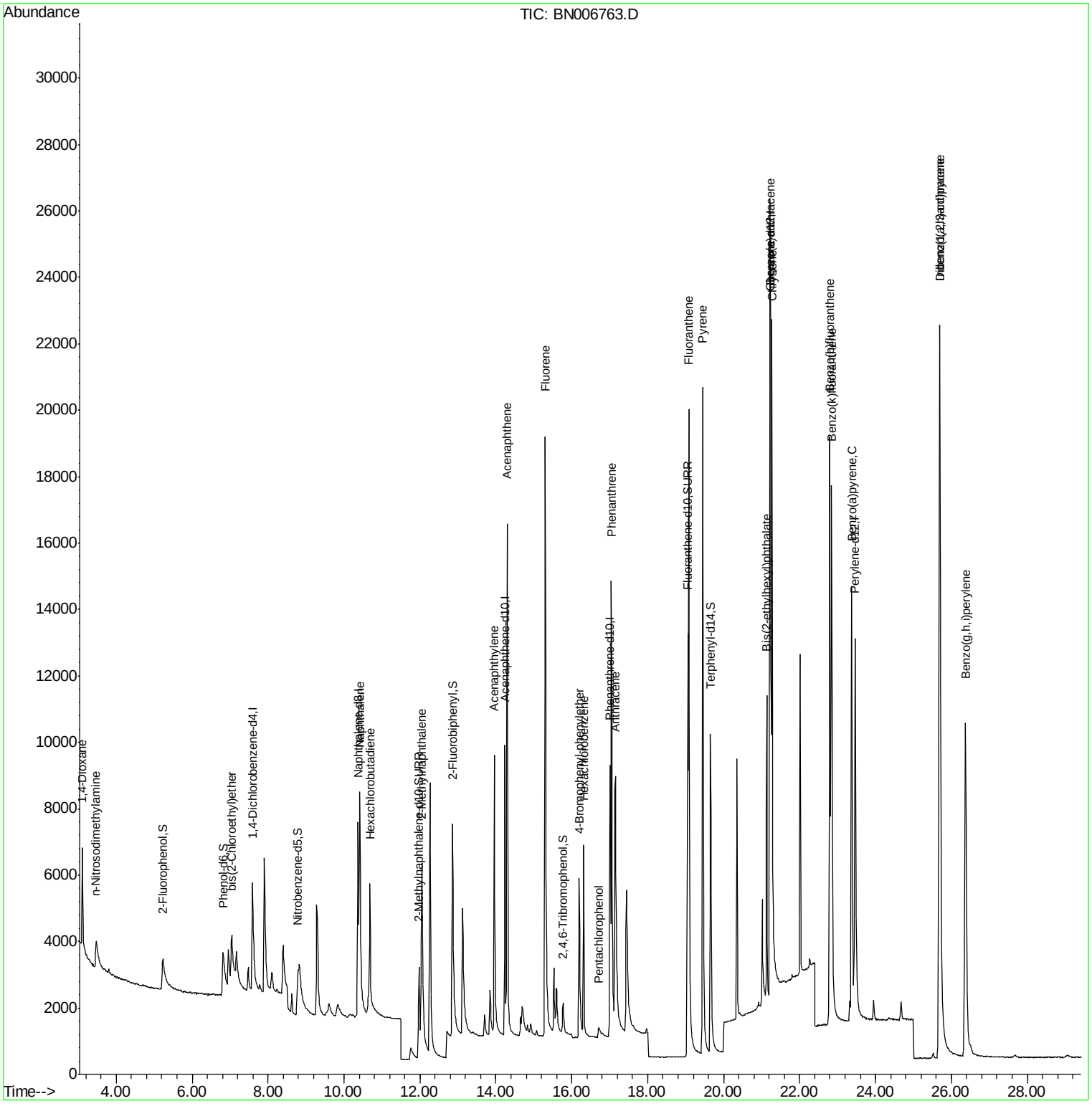
(#) = qualifier out of range (m) = manual integration (+) = signals summed

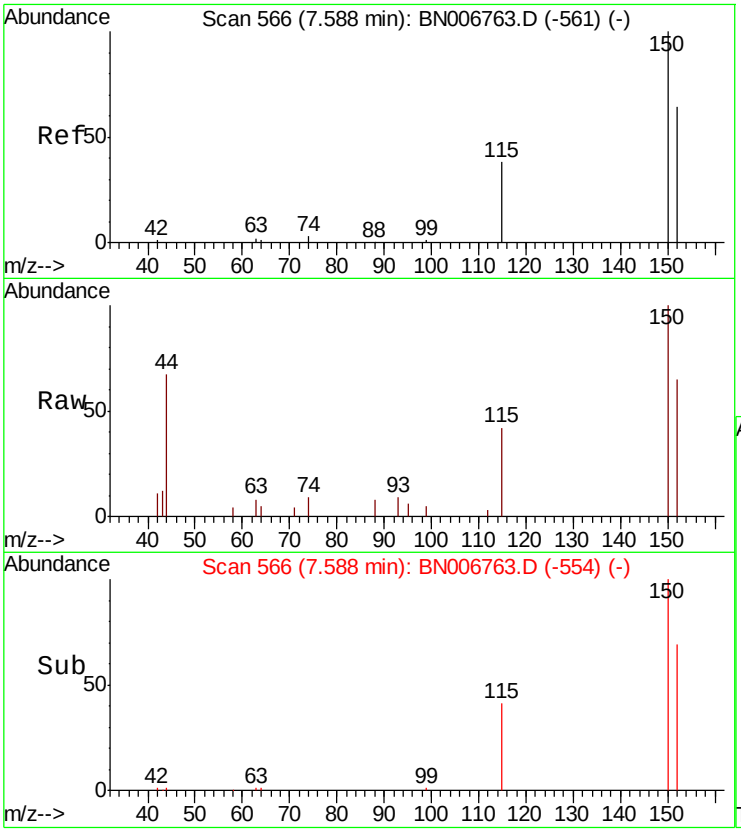
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
Data File : BN006763.D
Acq On : 09 Jul 2019 09:49
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jul 09 12:31:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 12:25:47 2019
Response via : Initial Calibration



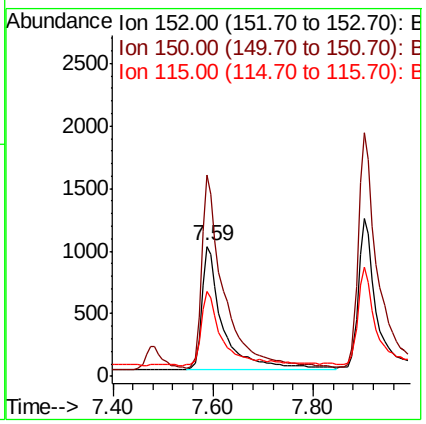


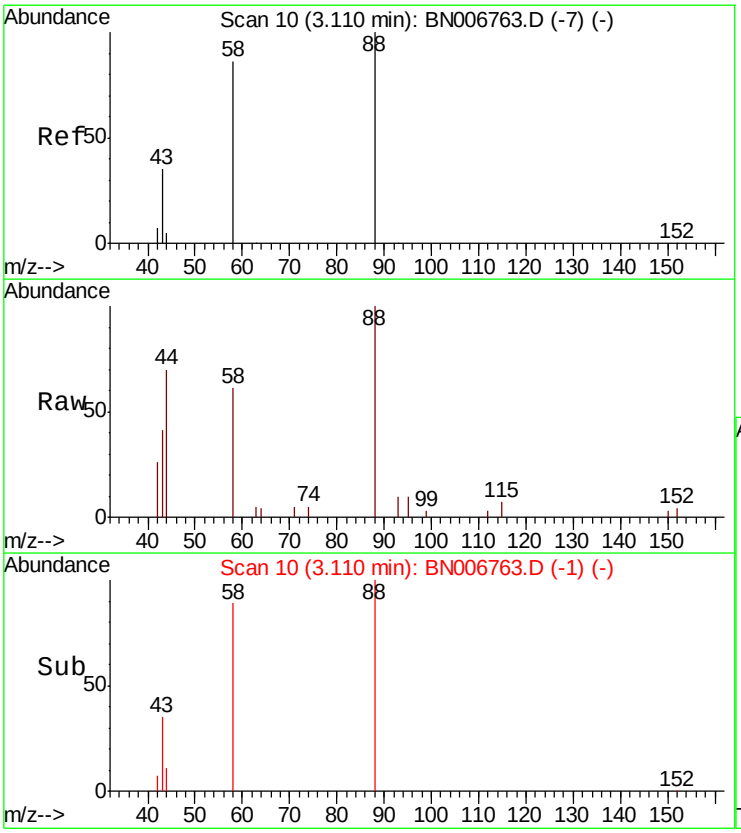
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 566
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2879

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.6	185.4
115	65.6	52.5	78.7

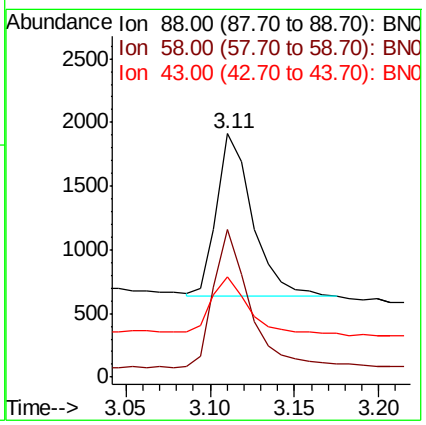


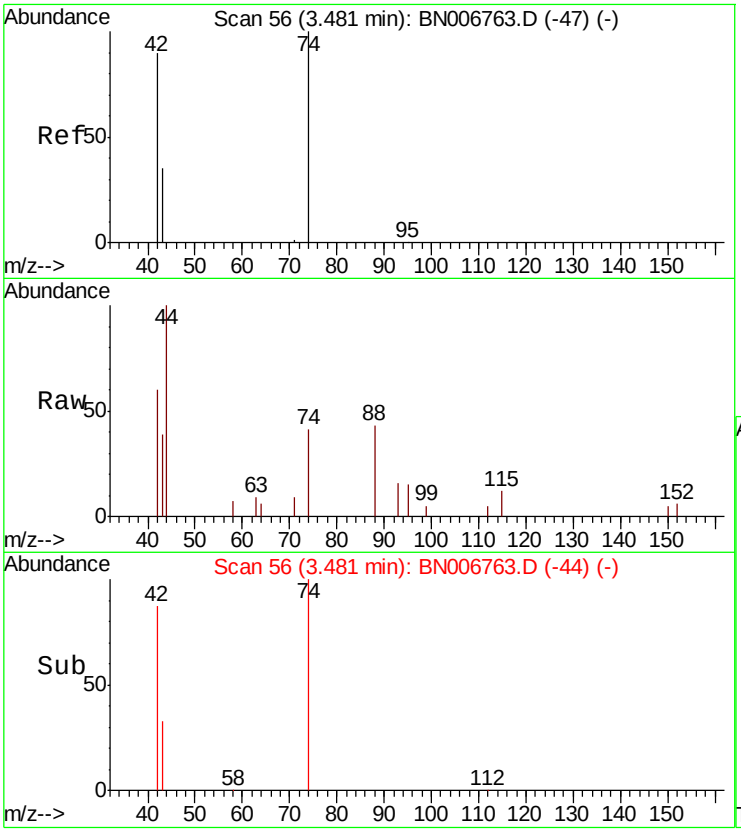


#2
1,4-Dioxane
Concen: 0.414 ng
RT: 3.11 min Scan# 10
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion: 88 Resp: 1863

Ion	Ratio	Lower	Upper
88	100		
58	87.9	61.8	92.6
43	34.7	27.9	41.9



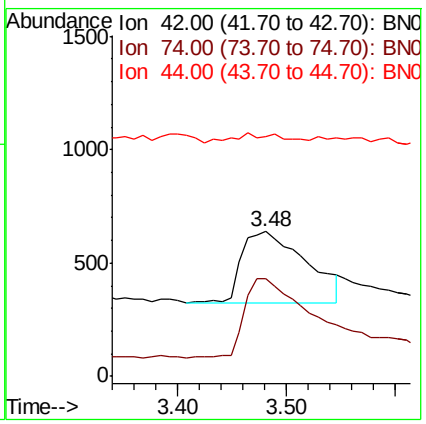


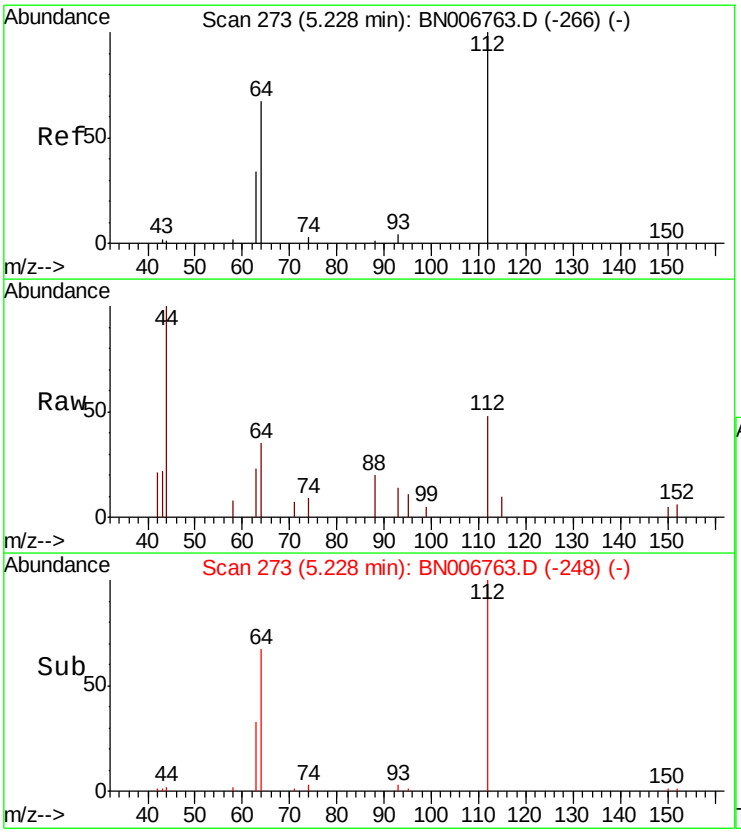
#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.48 min Scan# 56
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1276

Ion	Ratio	Lower	Upper
42	100		
74	107.2	86.2	129.4
44	9.2	7.0	10.6

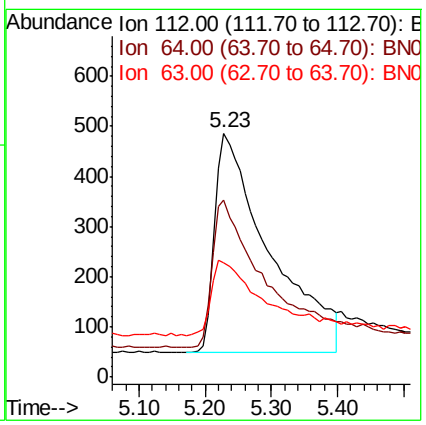


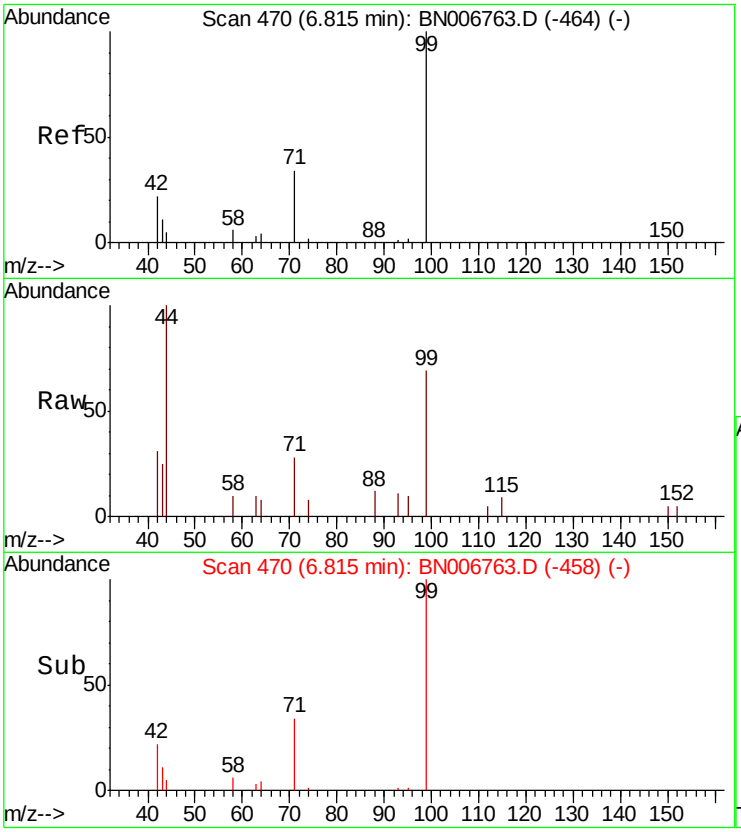


#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.23 min Scan# 273
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:112 Resp: 2509

Ion	Ratio	Lower	Upper
112	100		
64	66.0	52.7	79.1
63	33.5	27.7	41.5



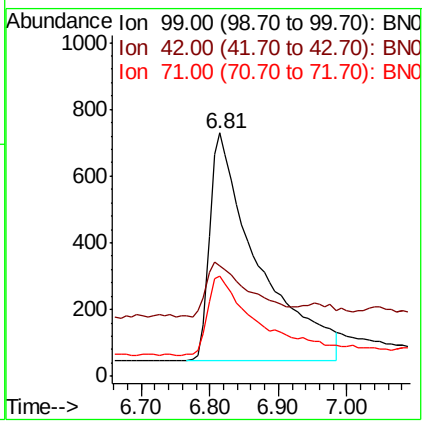


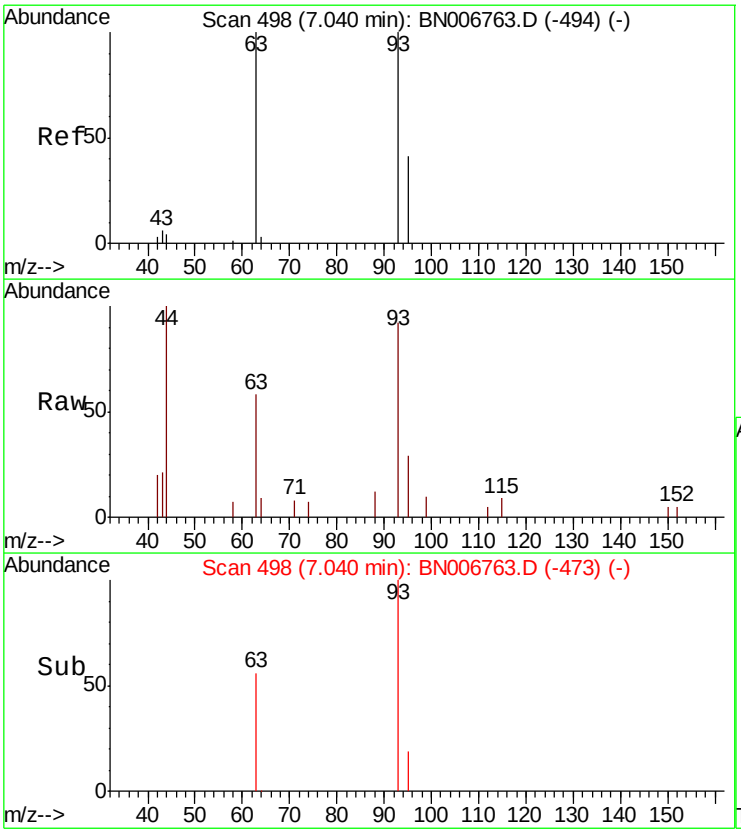
#5
Phenol-d6
Concen: 0.336 ng
RT: 6.81 min Scan# 470
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 3330

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.0	25.6
71	36.4	29.1	43.7

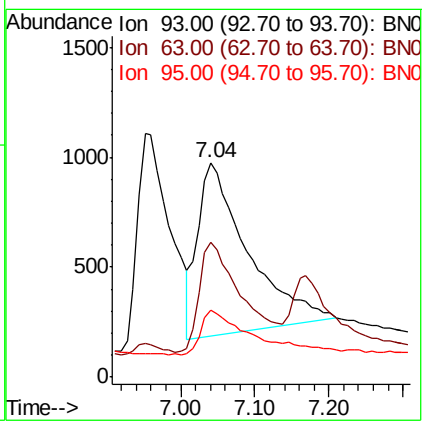


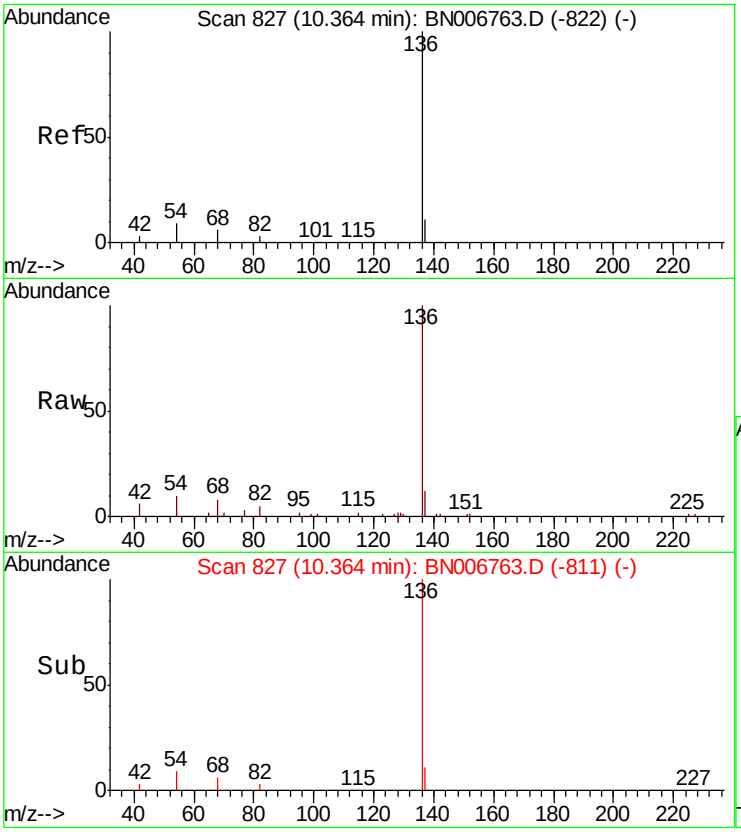


#6
bis(2-Chloroethyl)ether
Concen: 0.440 ng
RT: 7.04 min Scan# 498
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion: 93 Resp: 3677

Ion	Ratio	Lower	Upper
93	100		
63	56.6	48.6	73.0
95	27.3	22.9	34.3



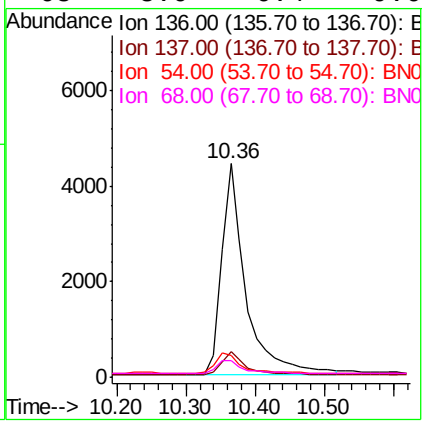


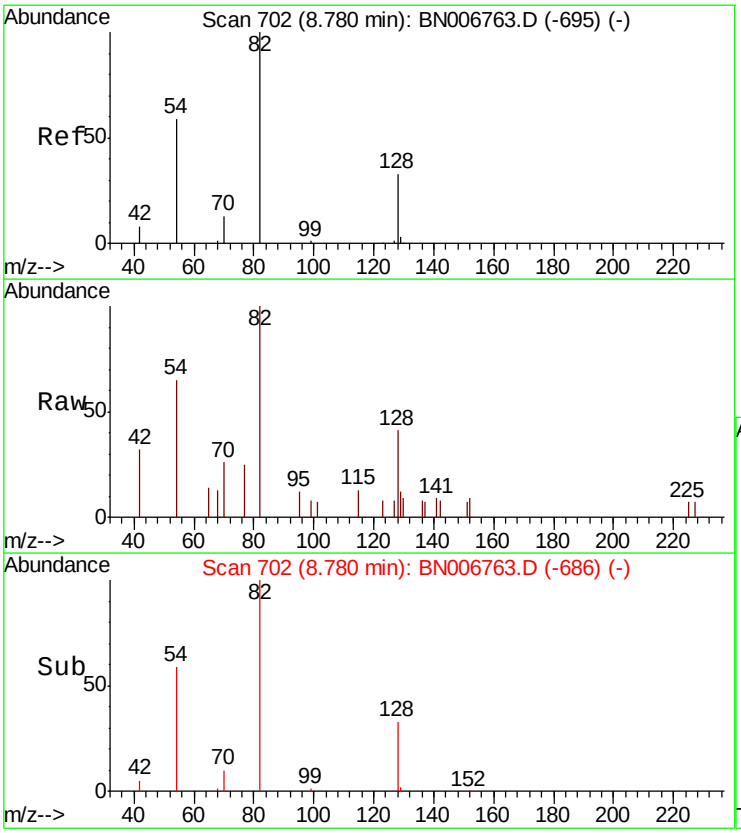
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 10916

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	10.5	8.4	12.6
68	8.0	6.4	9.6

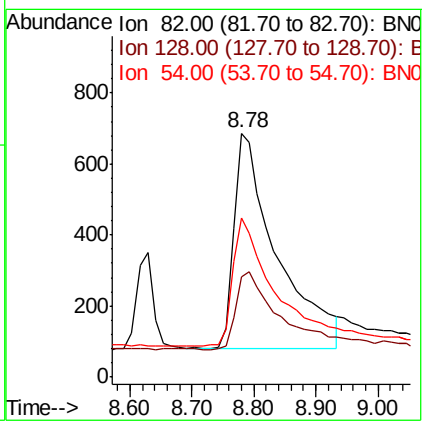


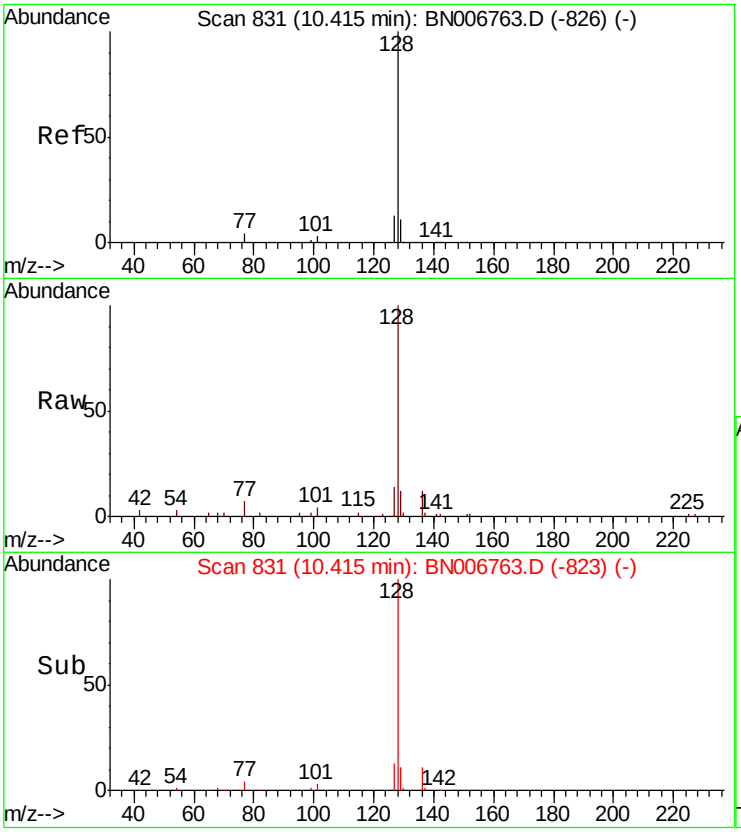


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.78 min Scan# 702
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion: 82 Resp: 2913

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.6
54	65.2	52.2	78.2



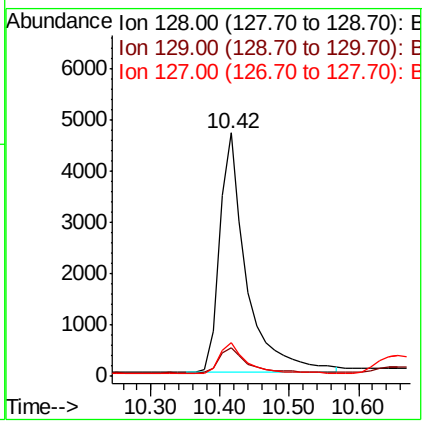


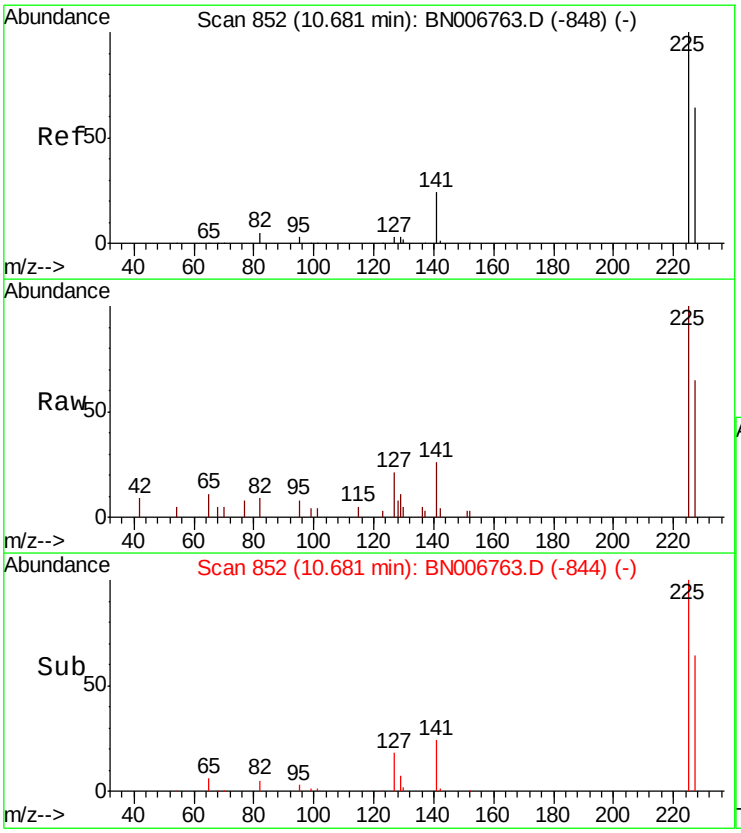
#9
Naphthalene
Concen: 0.423 ng
RT: 10.42 min Scan# 831
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 12636

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	13.7	11.0	16.4

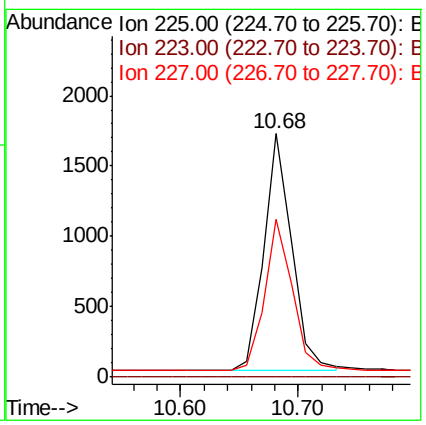


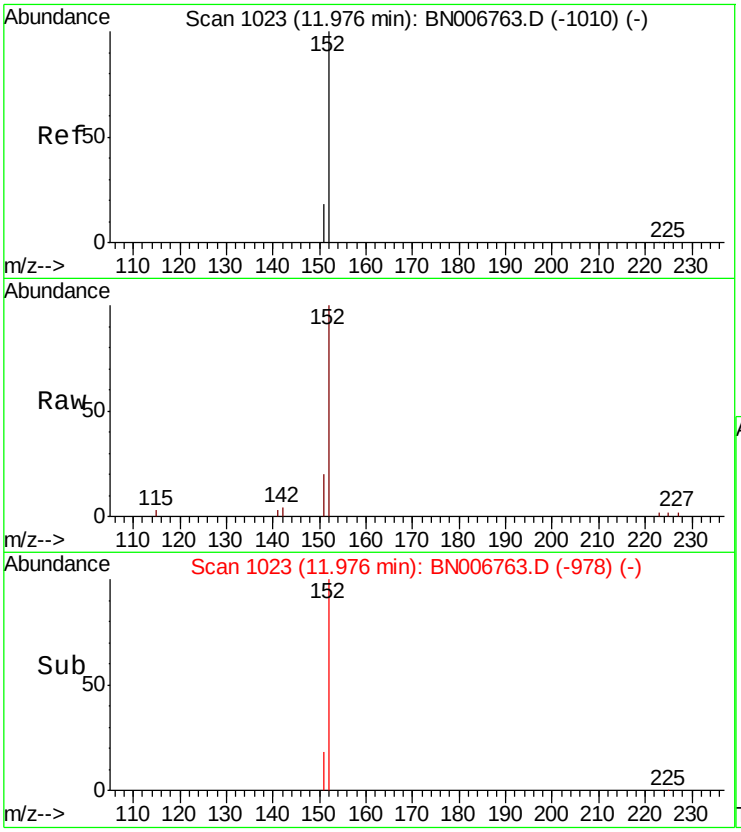


#10
Hexachlorobutadiene
Concen: 0.464 ng
RT: 10.68 min Scan# 852
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:225 Resp: 2804

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.8	76.2



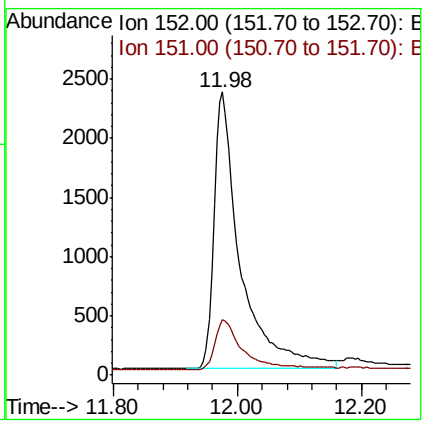


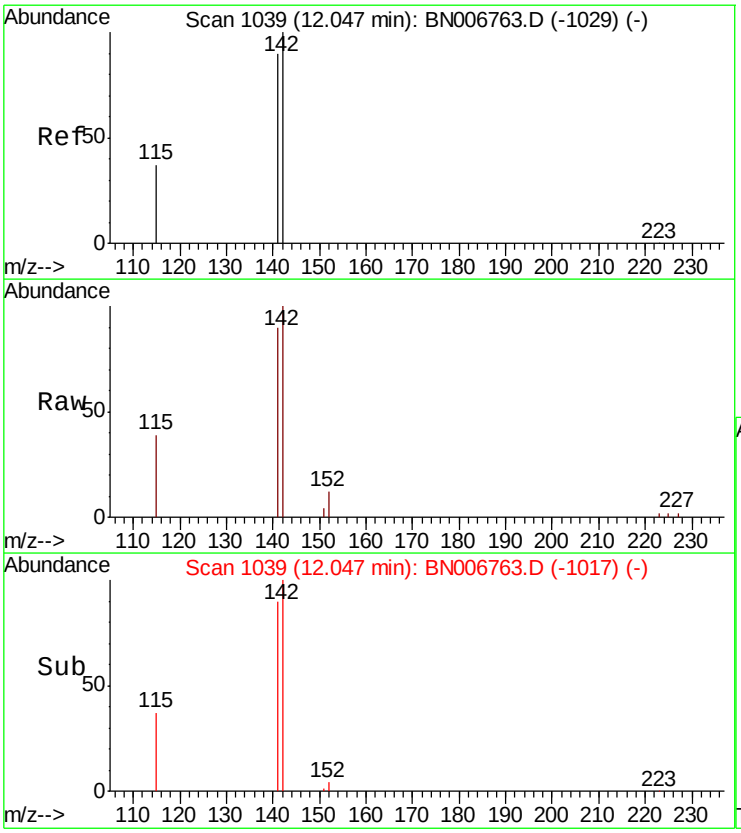
#11
2-Methylnaphthalene-d10
Concen: 0.423 ng
RT: 11.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 6938

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7

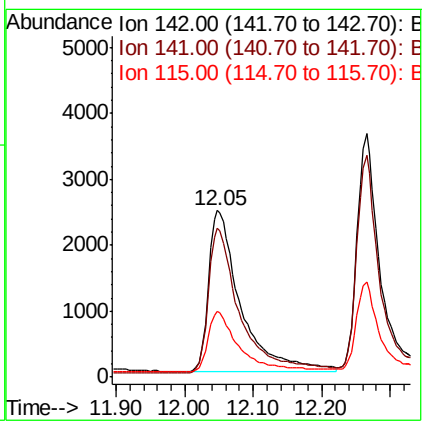


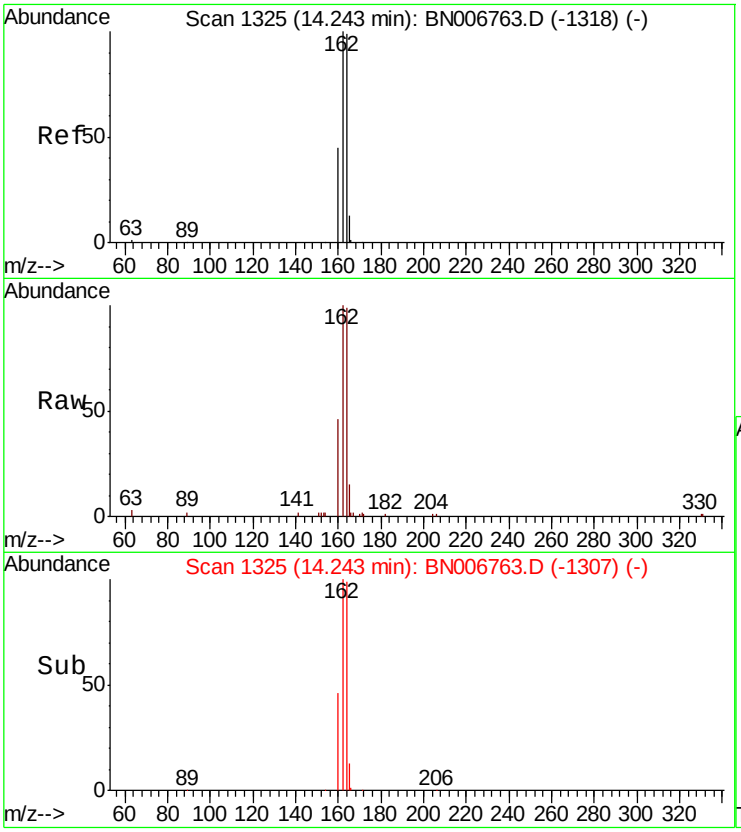


#12
2-Methylnaphthalene
Concen: 0.358 ng
RT: 12.05 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:142 Resp: 7922

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	39.0	31.2	46.8



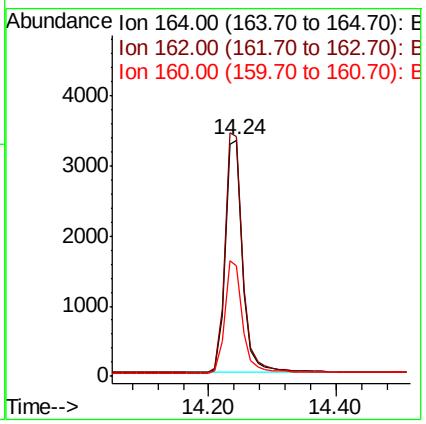


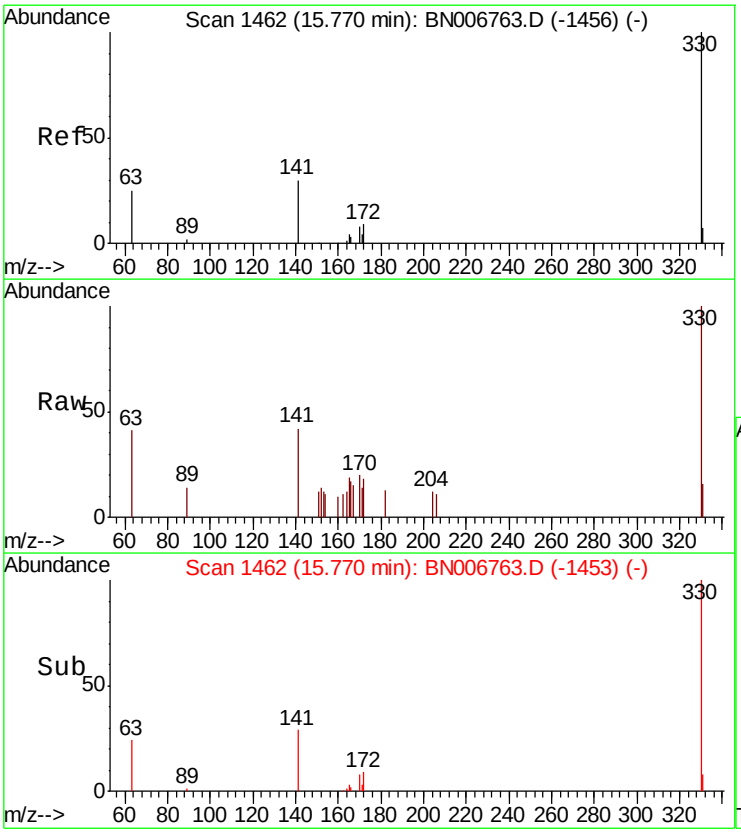
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 6275

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.0	121.4
160	46.7	37.4	56.0

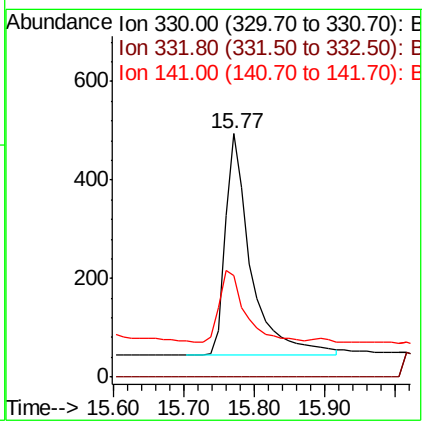


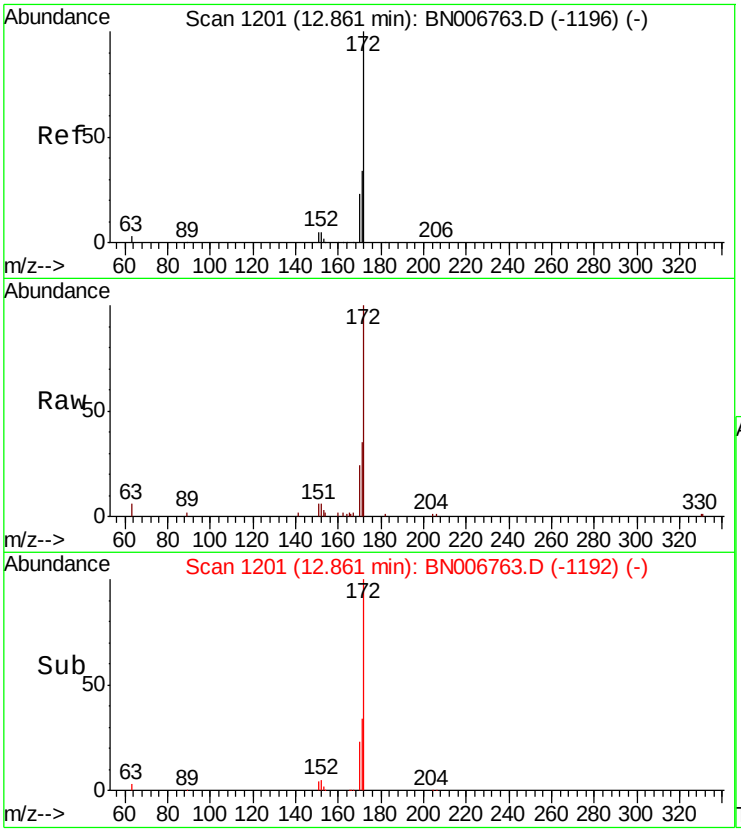


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.77 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:330 Resp: 1140

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.2	26.6	39.8



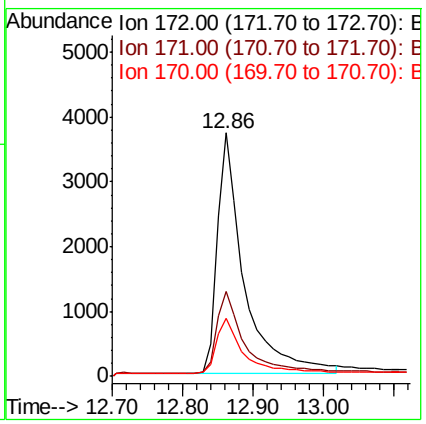


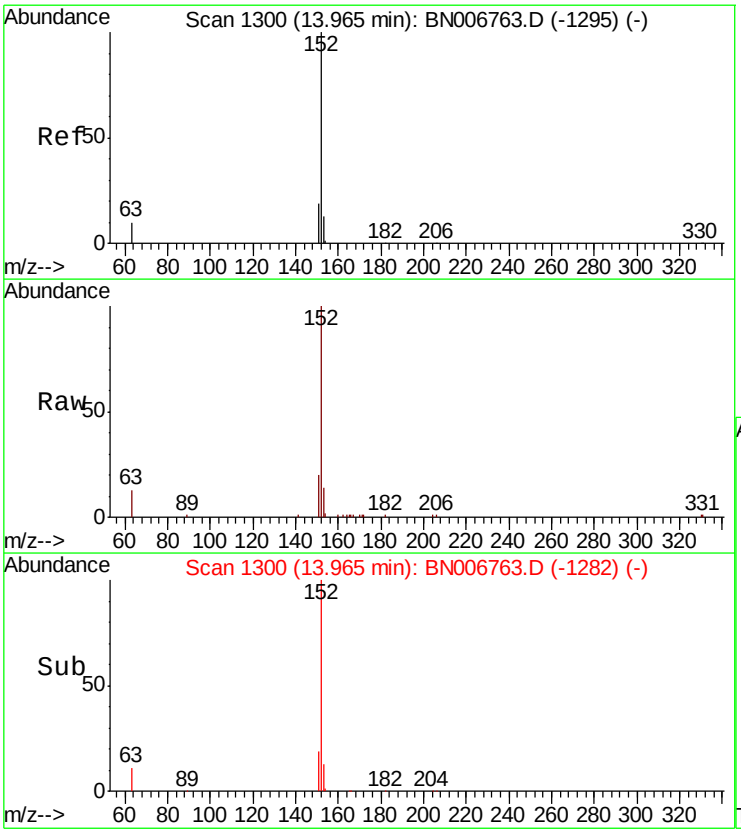
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.86 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 9866

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.8	19.0	28.6

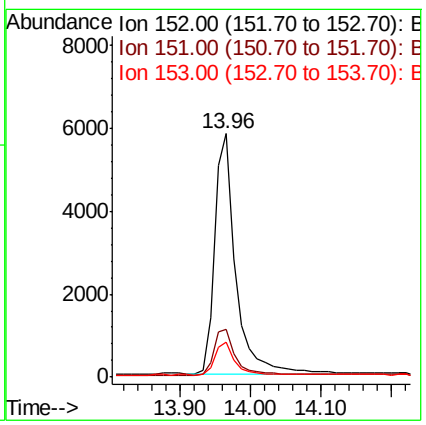


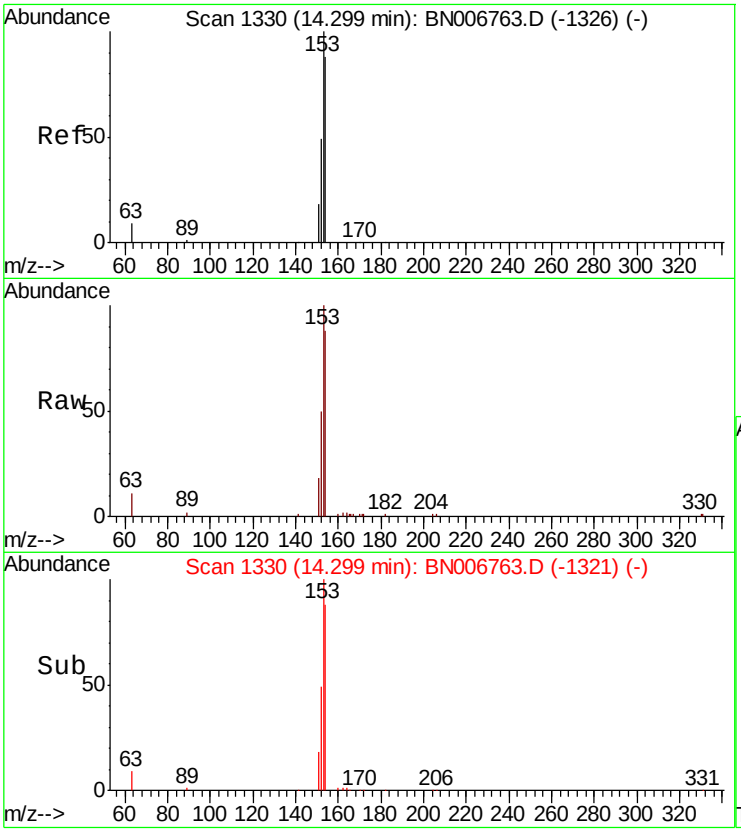


#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.96 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:152 Resp: 12167

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.1	10.5	15.7



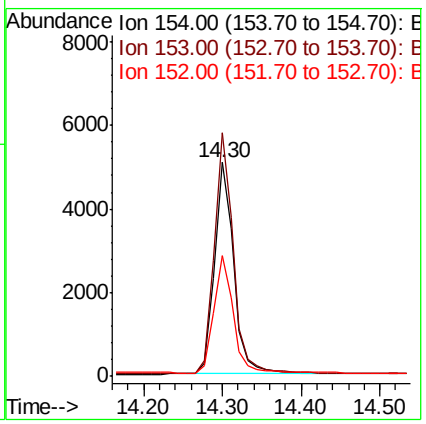


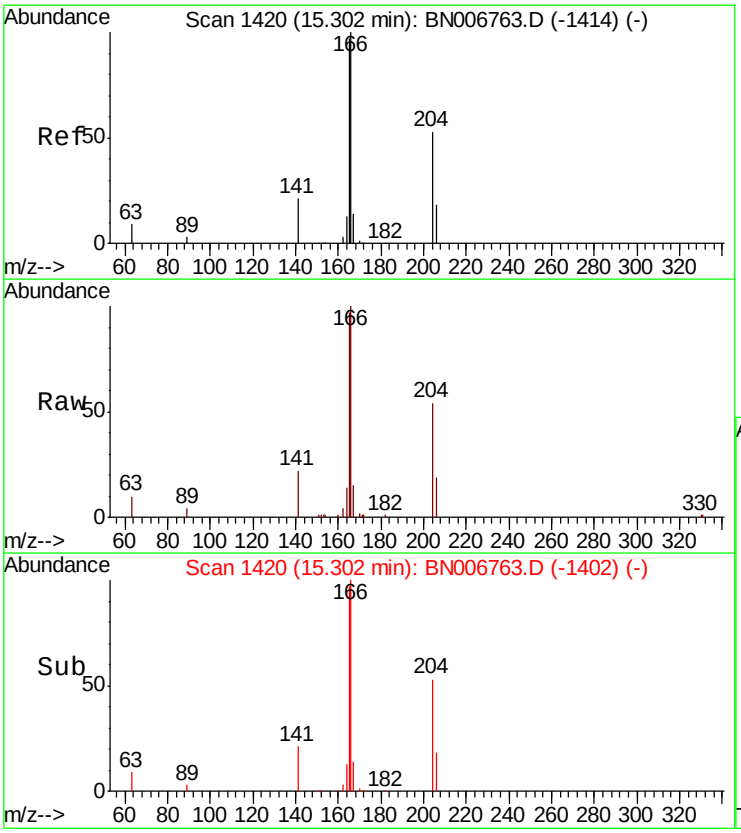
#17
Acenaphthene
Concen: 0.434 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 8646

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.8	136.2
152	55.6	44.9	67.3

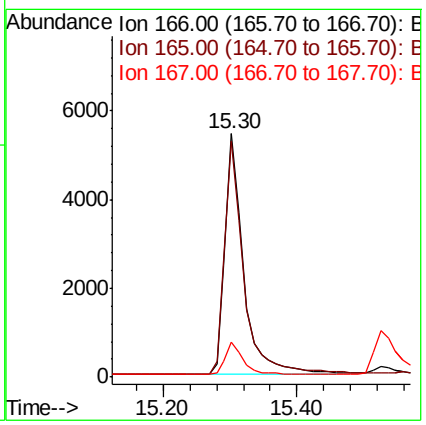


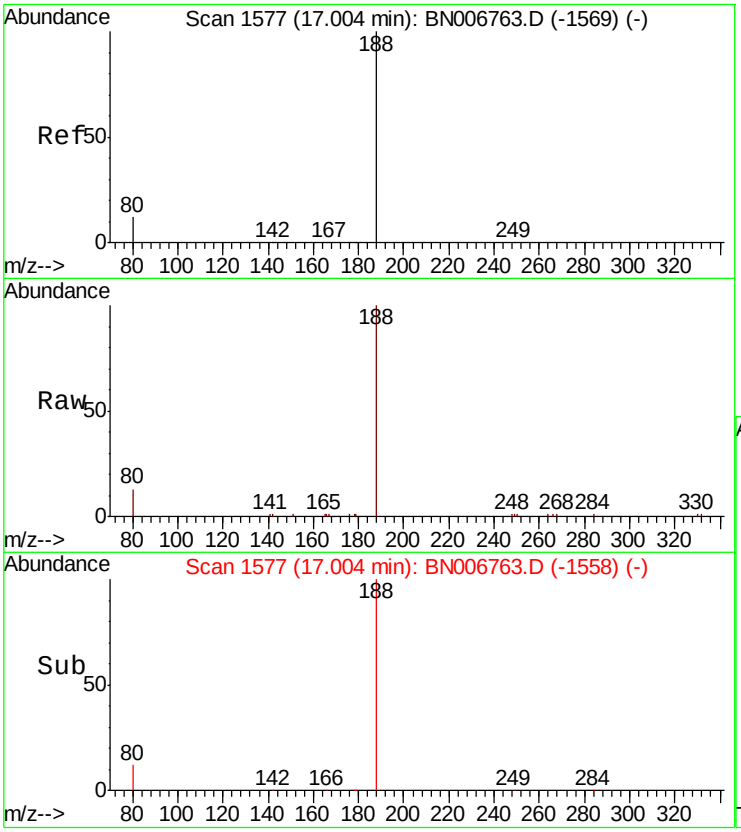


#18
Fluorene
Concen: 0.427 ng
RT: 15.30 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:166 Resp: 10580

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	13.6	10.9	16.3



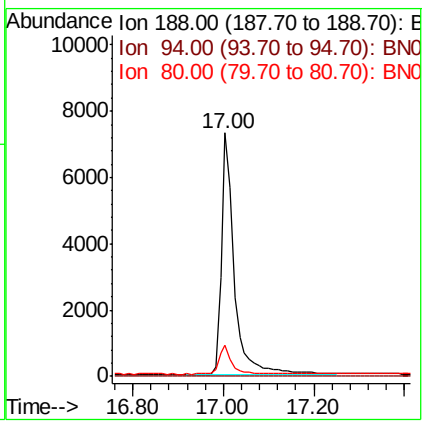


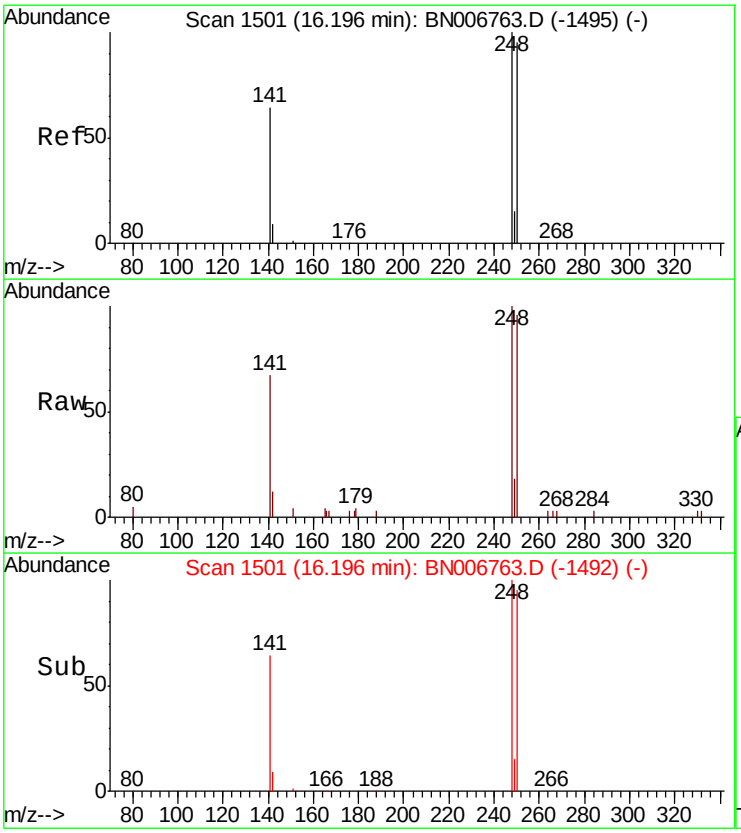
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 14628

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	10.1	15.1

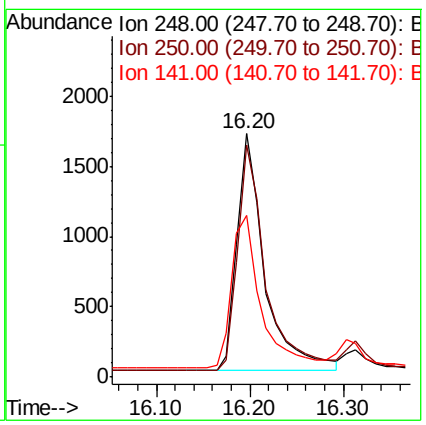


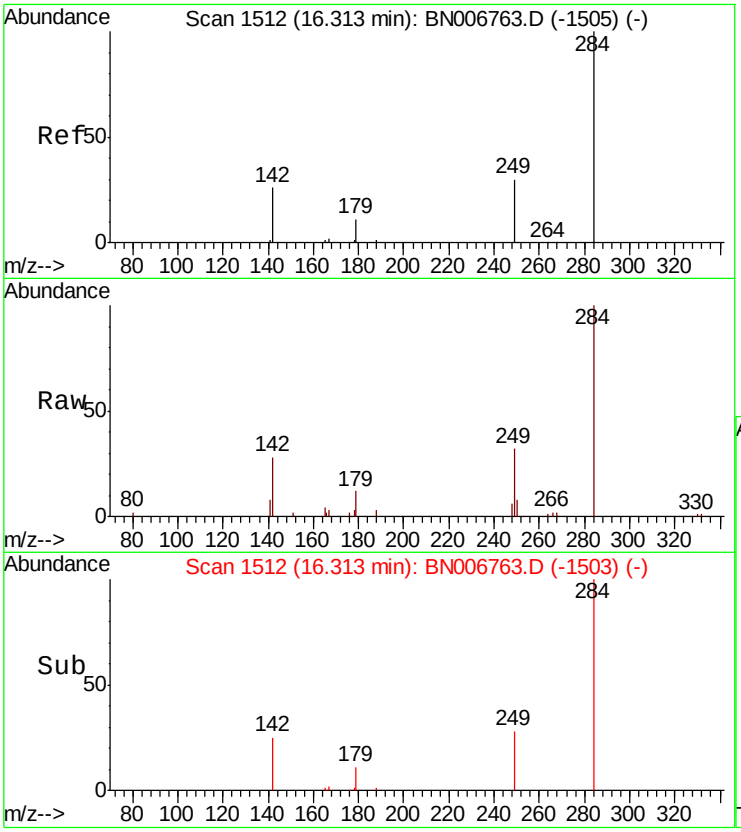


#20
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 16.20 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:248 Resp: 3495

Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.5	114.7
141	66.5	53.2	79.8



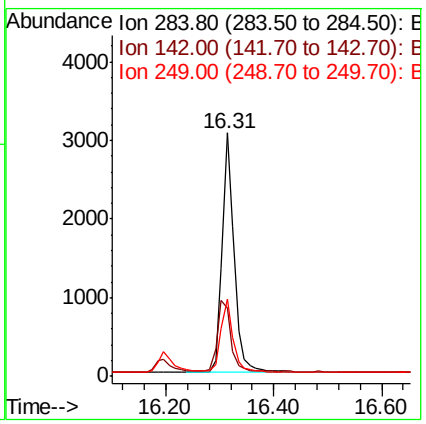


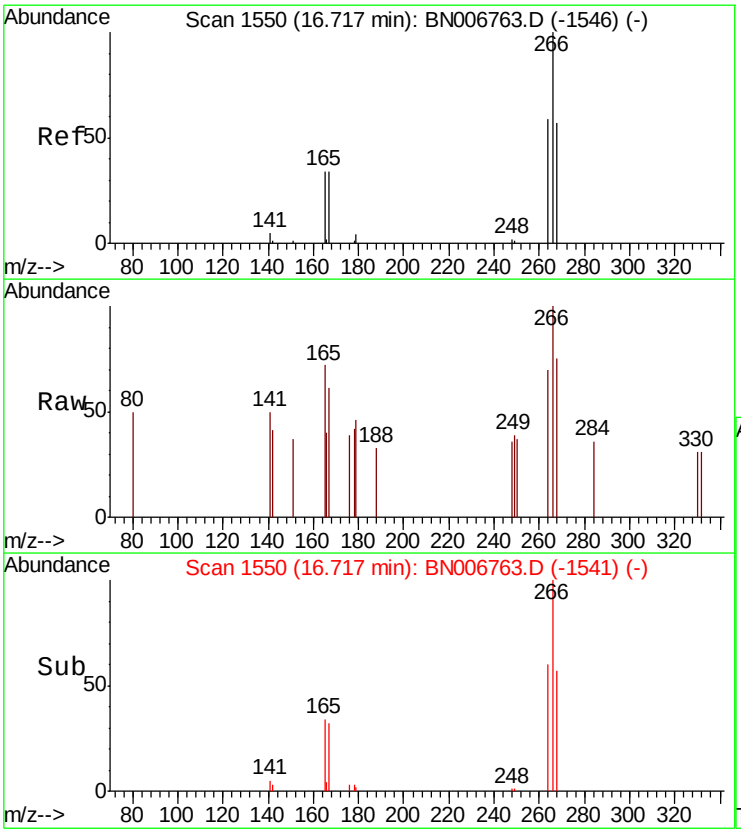
#21
Hexachlorobenzene
Concen: 0.460 ng
RT: 16.31 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 4714

Ion	Ratio	Lower	Upper
284	100		
142	33.7	27.0	40.4
249	30.4	24.3	36.5

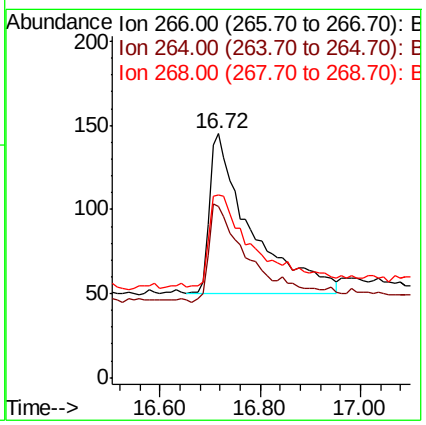


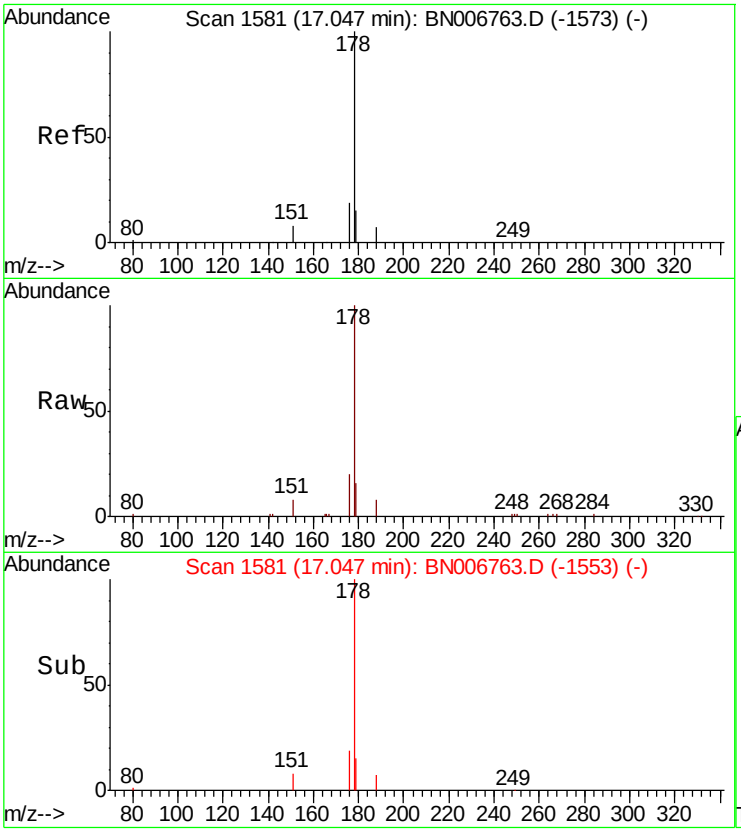


#22
Pentachlorophenol
Concen: 0.367 ng
RT: 16.72 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:266 Resp: 540

Ion	Ratio	Lower	Upper
266	100		
264	70.3	56.2	84.4
268	75.2	60.2	90.2



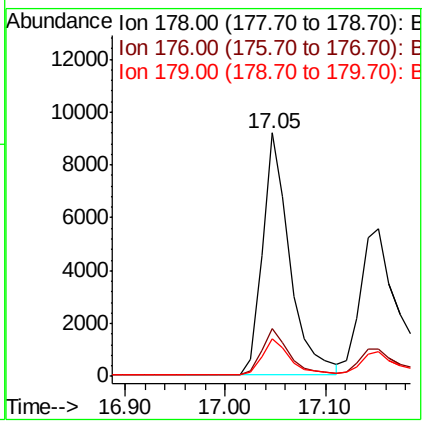


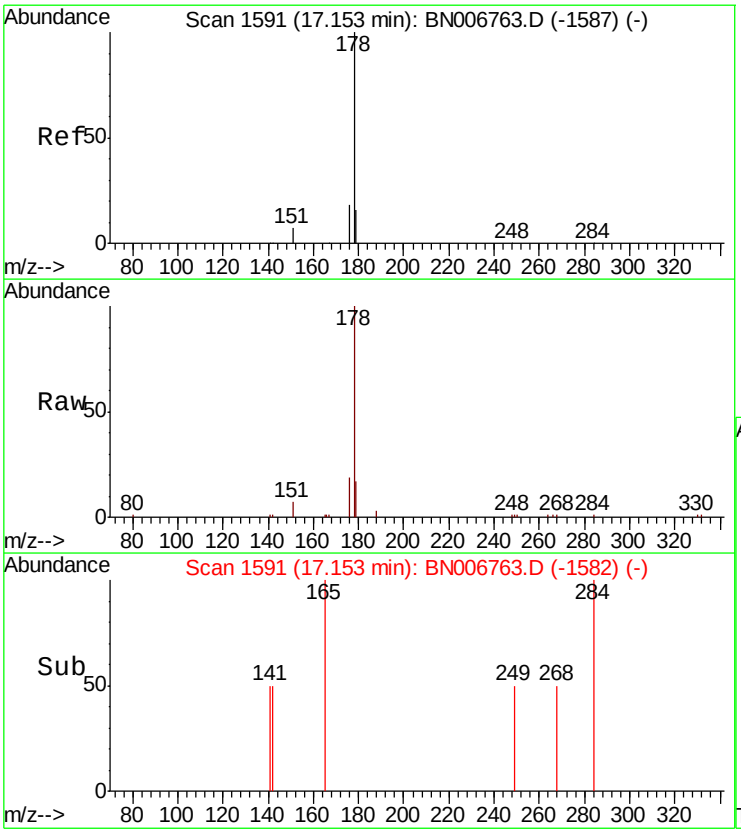
#23
Phenanthrene
Concen: 0.411 ng
RT: 17.05 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 17317

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.2	18.2

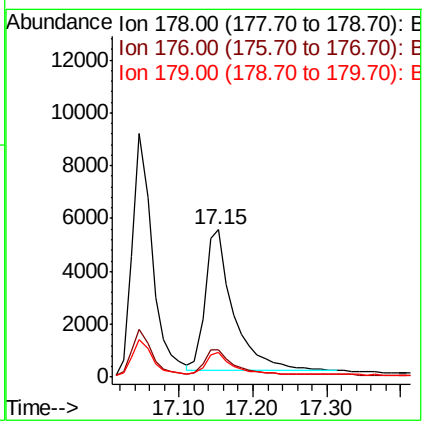


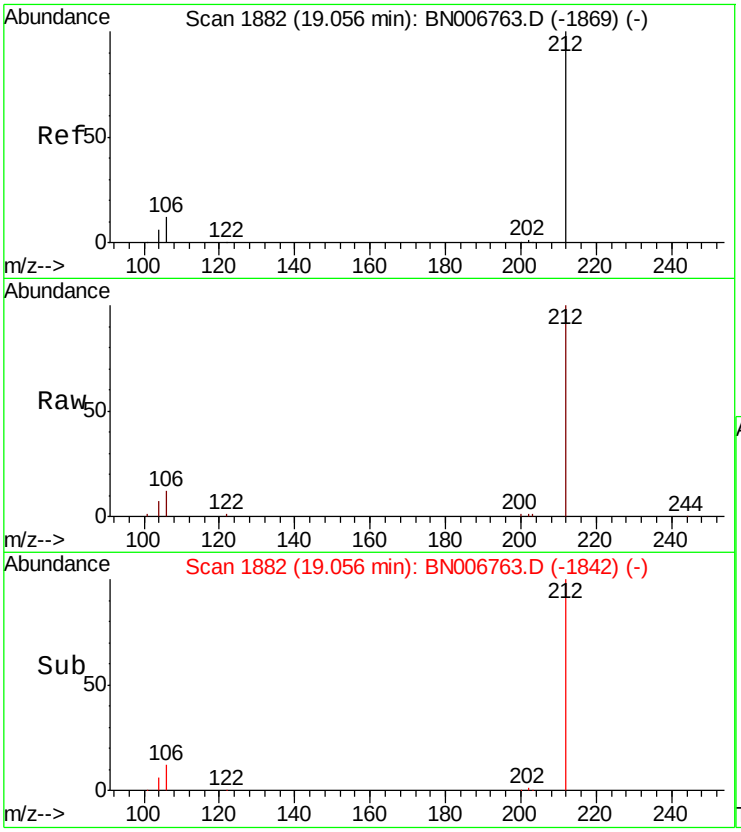


#24
Anthracene
Concen: 0.374 ng
RT: 17.15 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:178 Resp: 14253

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.6	12.1	18.1



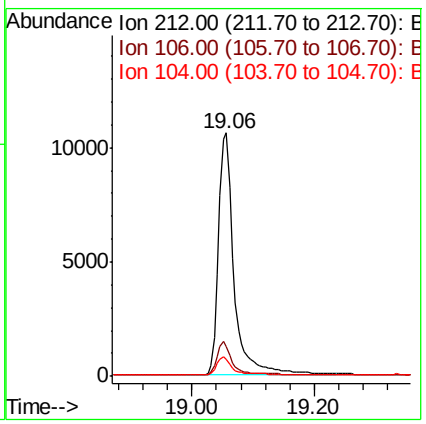


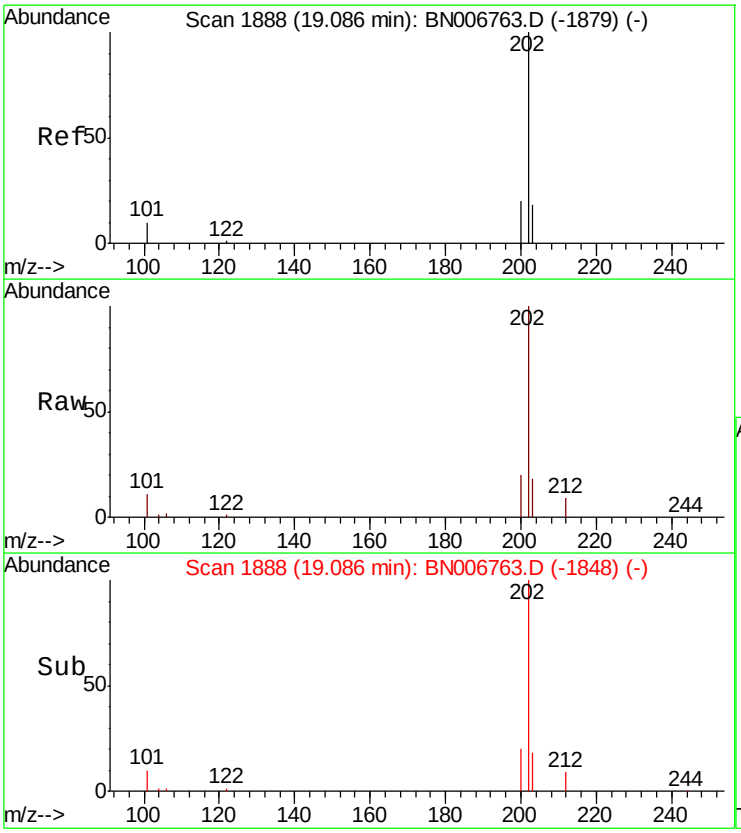
#25
Fluoranthene-d10
Concen: 0.451 ng
RT: 19.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 18890

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.5	15.7
104	7.4	5.9	8.9

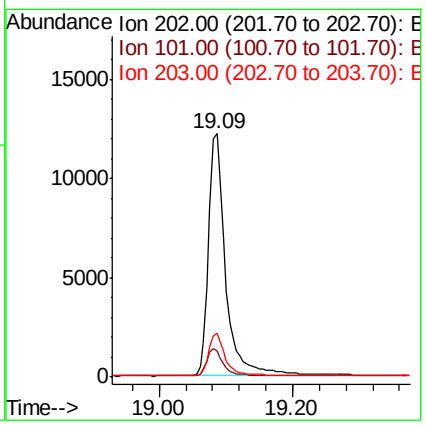


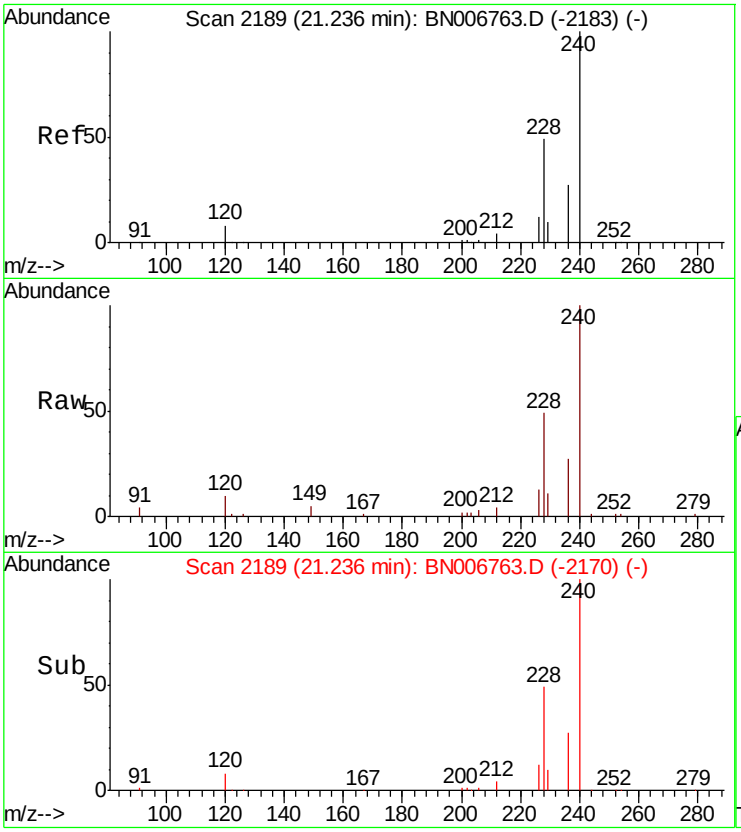


#26
Fluoranthene
Concen: 0.445 ng
RT: 19.09 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:202 Resp: 22023

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	17.0	13.6	20.4



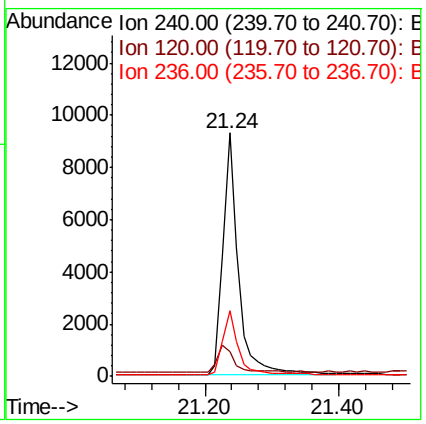


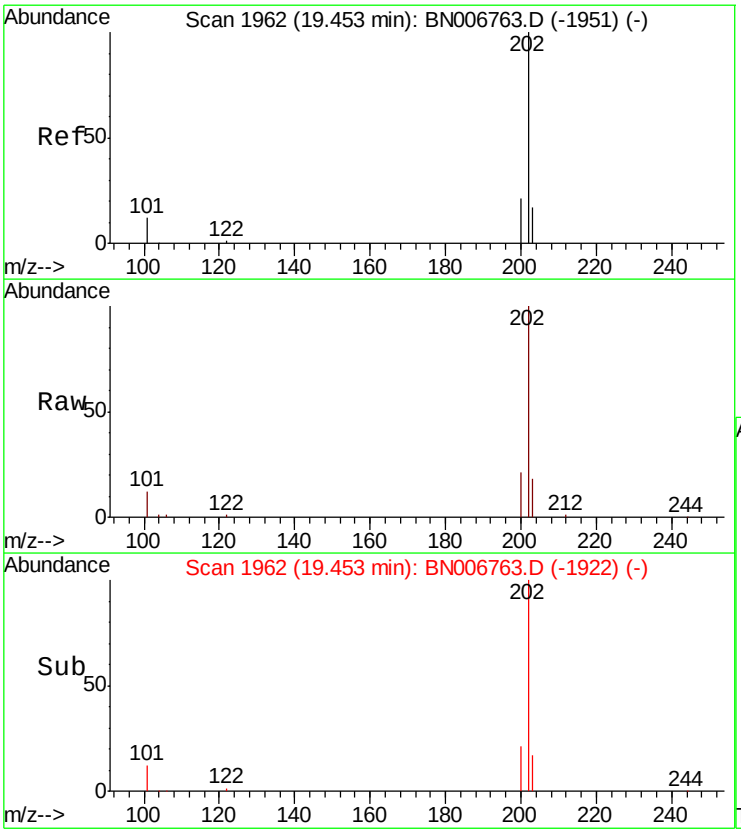
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 14941

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	27.2	21.8	32.6

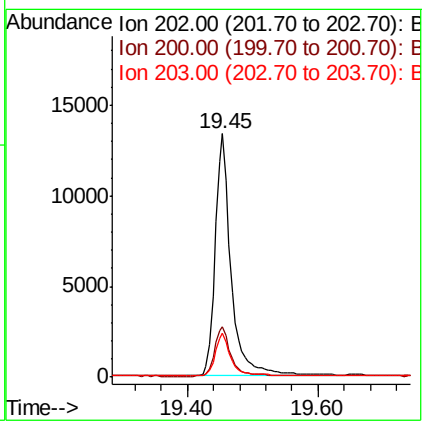


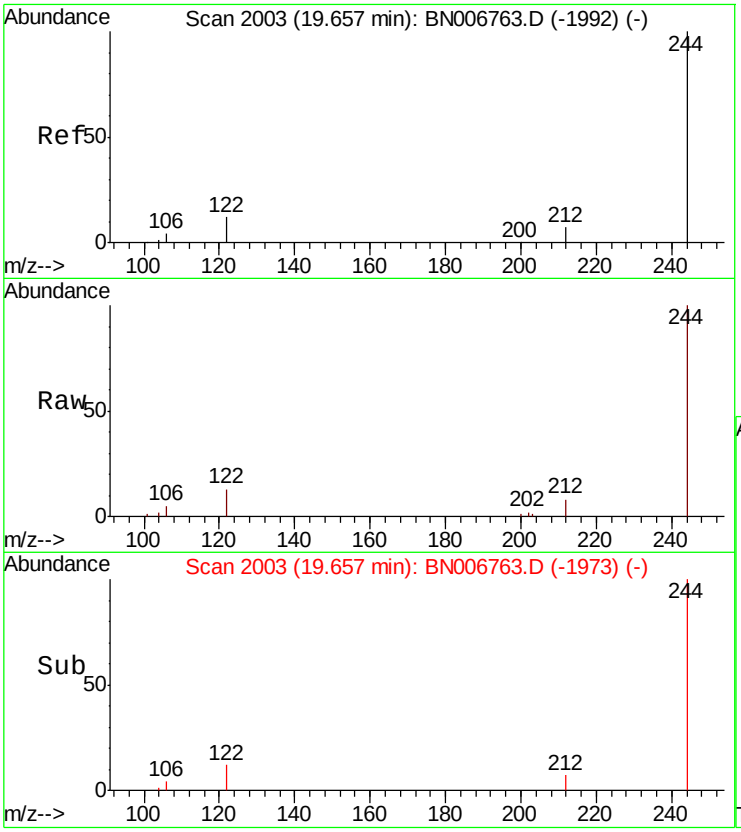


#28
Pyrene
Concen: 0.378 ng
RT: 19.45 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:202 Resp: 22615

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.5	14.0	21.0



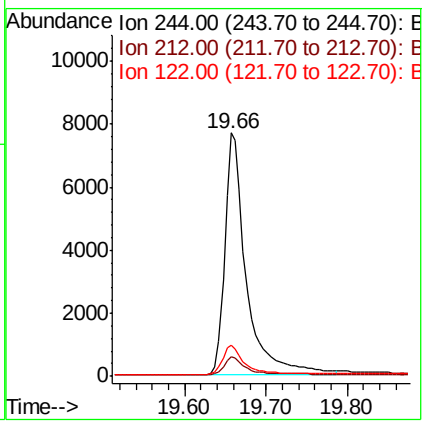


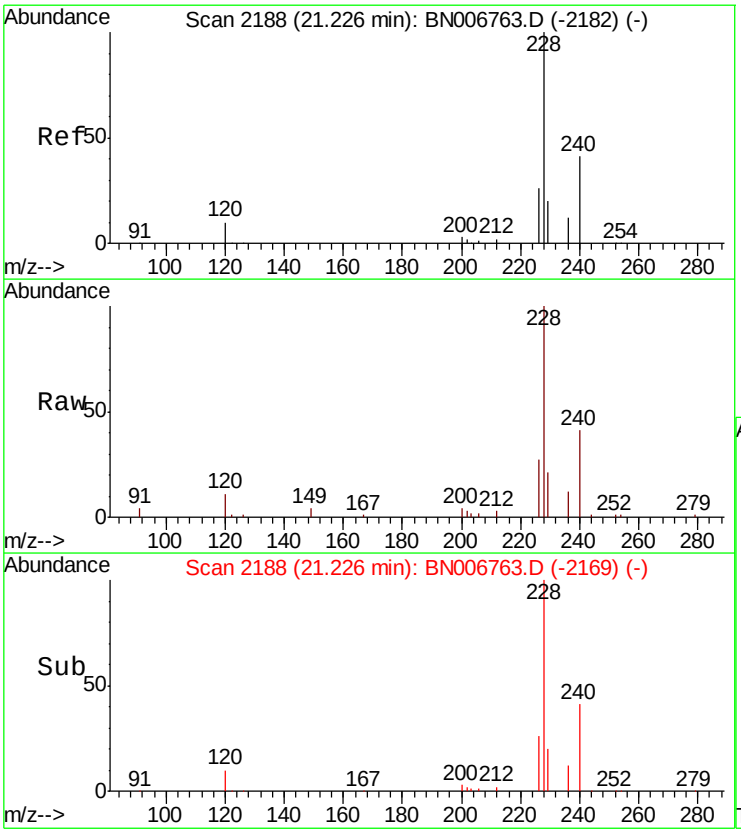
#29
Terphenyl-d14
Concen: 0.412 ng
RT: 19.66 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 14161

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	12.9	10.3	15.5

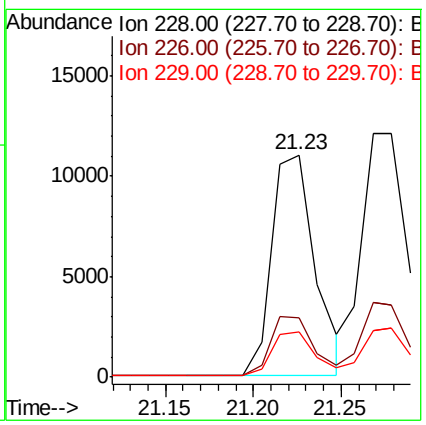


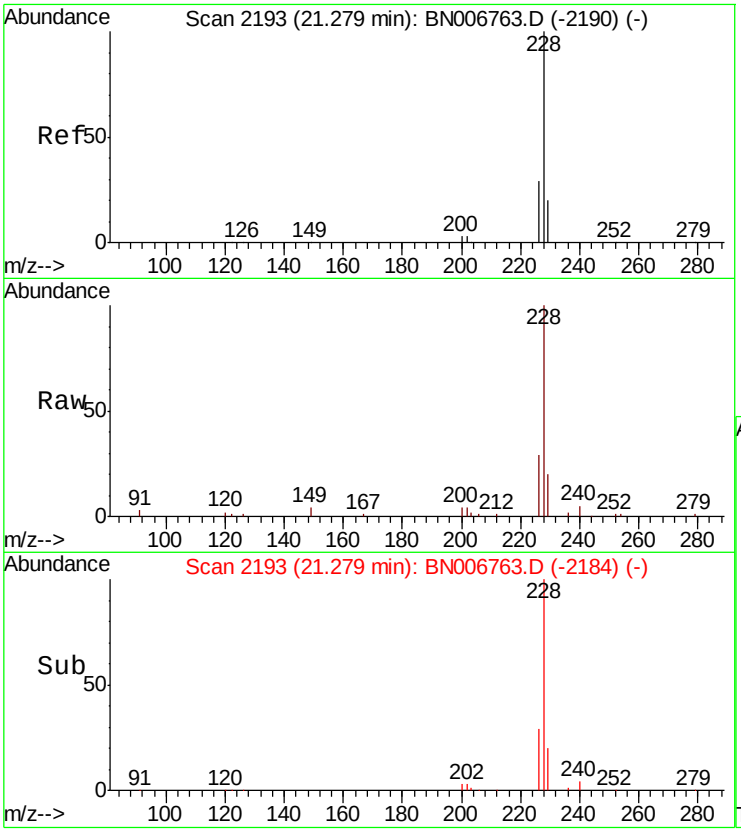


#30
Benzo(a)anthracene
Concen: 0.370 ng
RT: 21.23 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:228 Resp: 19063

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	20.5	16.4	24.6



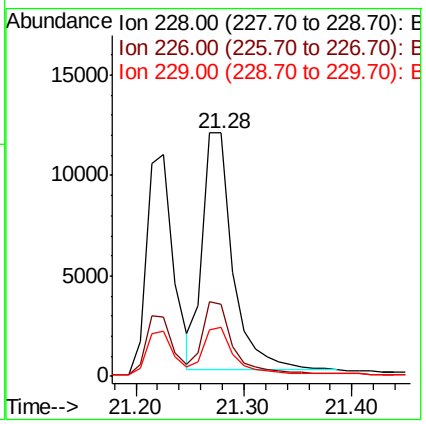


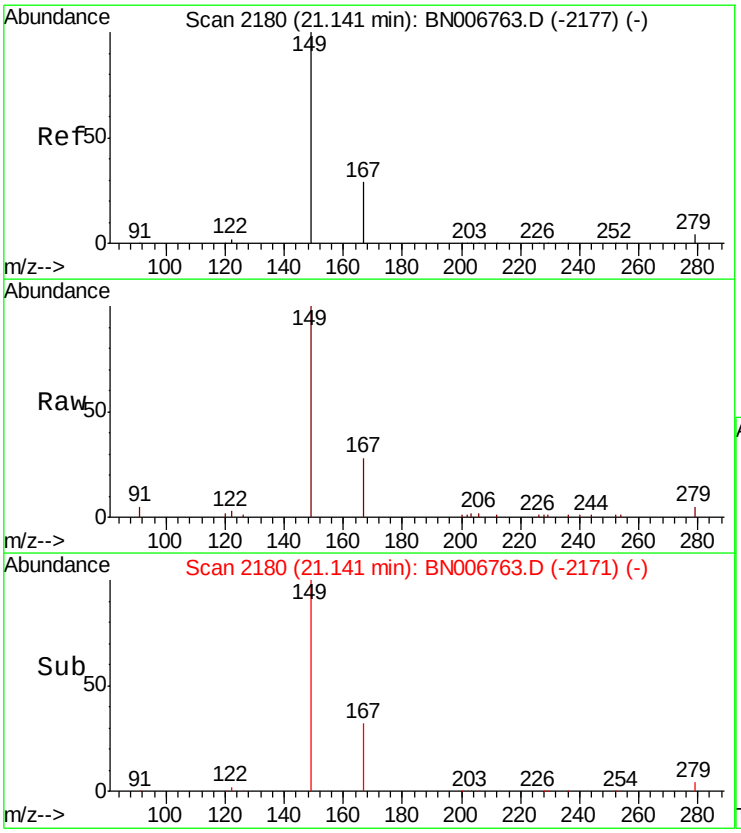
#31
Chrysene
Concen: 0.433 ng
RT: 21.28 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 23001

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	20.0	16.0	24.0

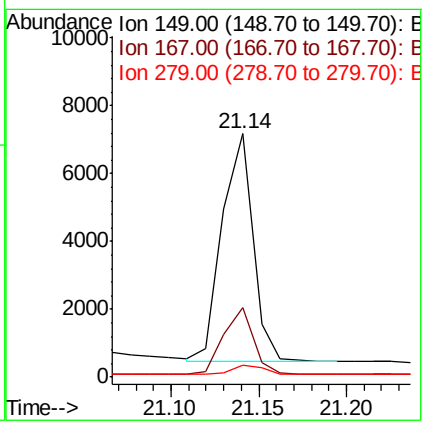


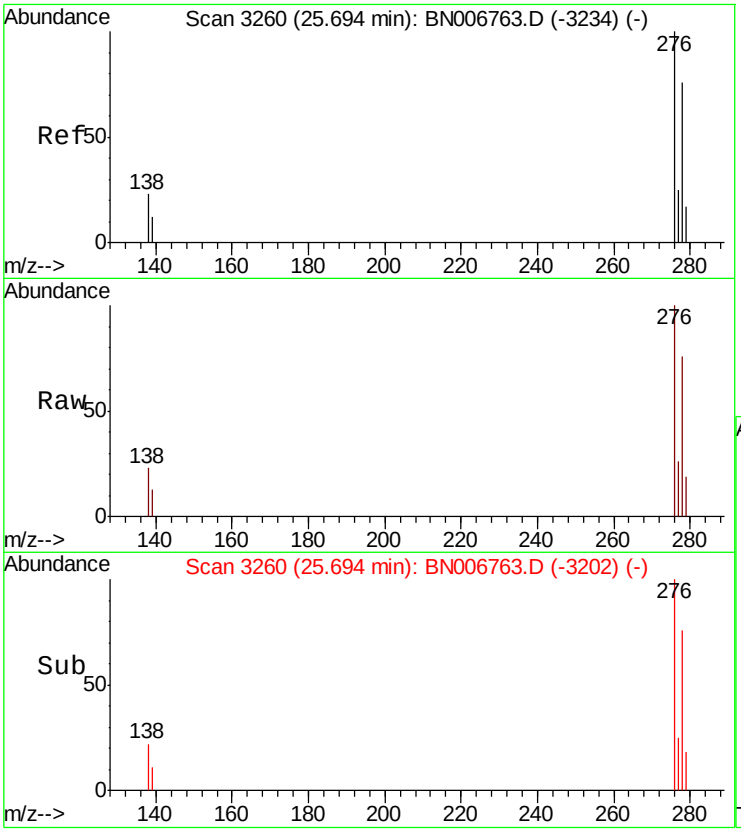


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.053 ng
RT: 21.14 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:149 Resp: 8178

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	4.6	3.7	5.5



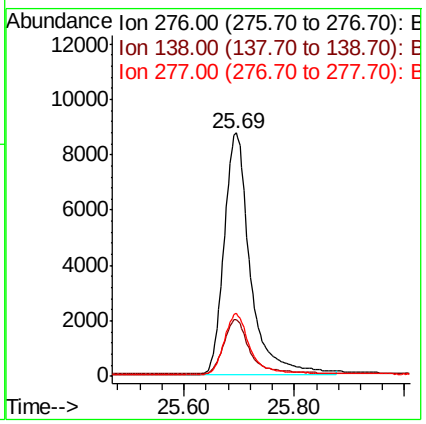


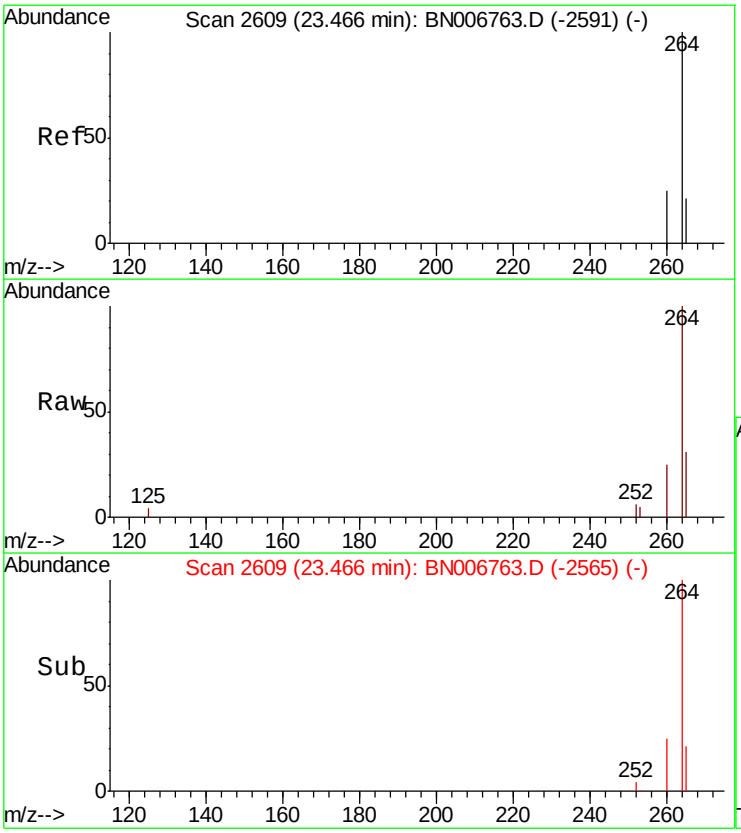
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.455 ng
RT: 25.69 min Scan# 3260
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 28915

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.9	26.9
277	25.0	19.8	29.8

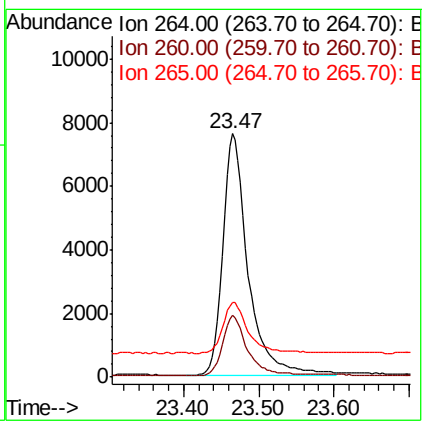


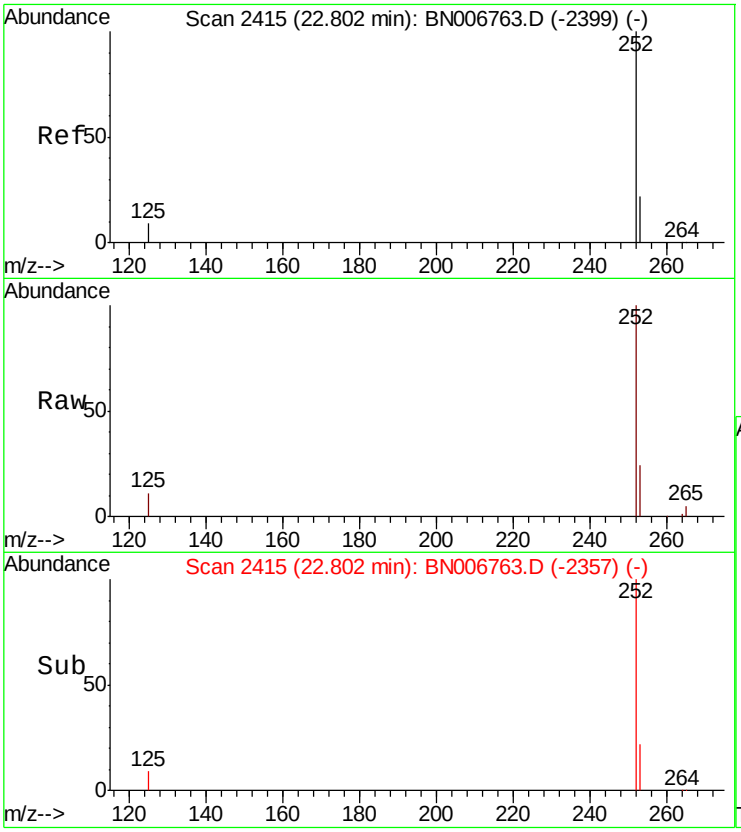


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:264 Resp: 17337

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.4
265	30.8	24.6	37.0



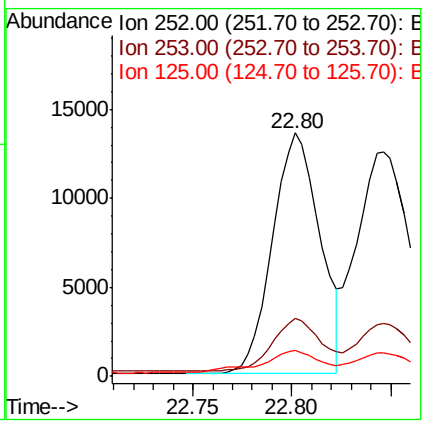


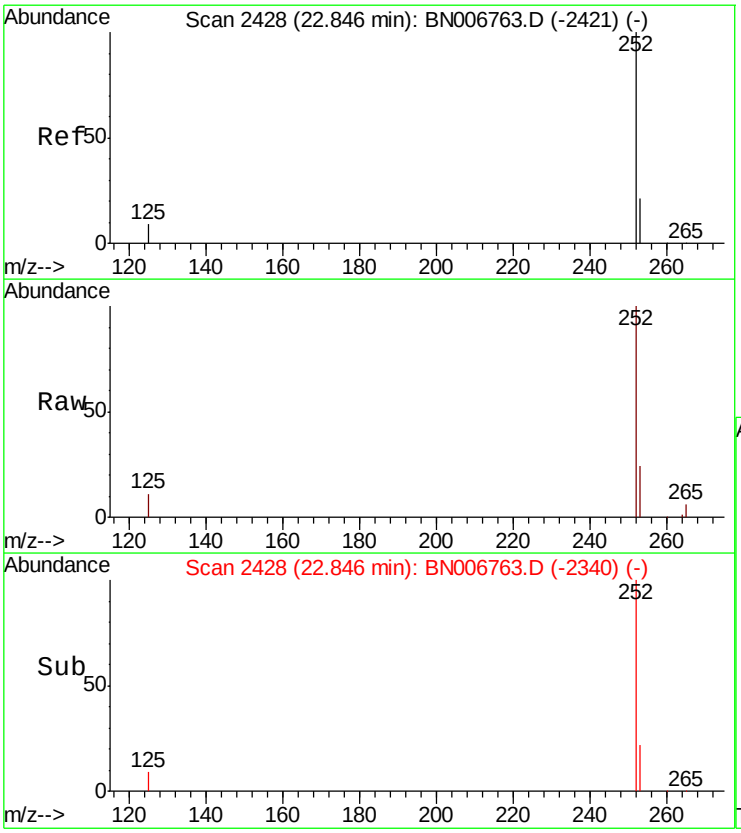
#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 22.80 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 22425

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	10.6	8.5	12.7

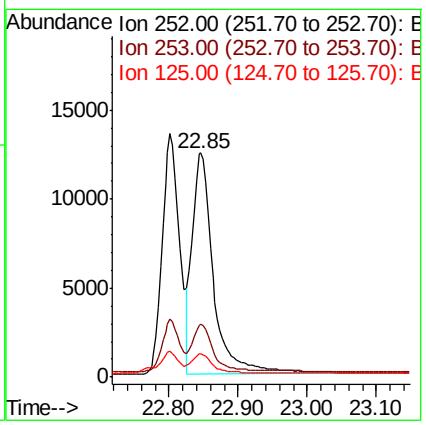


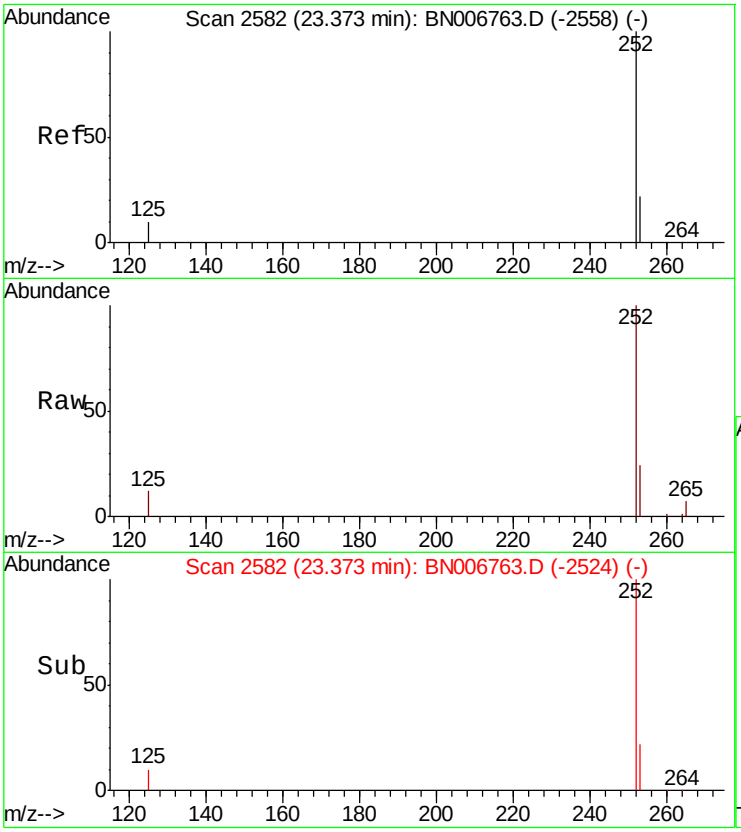


#36
Benzo(k)fluoranthene
Concen: 0.436 ng
RT: 22.85 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:252 Resp: 26324

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	10.5	8.4	12.6



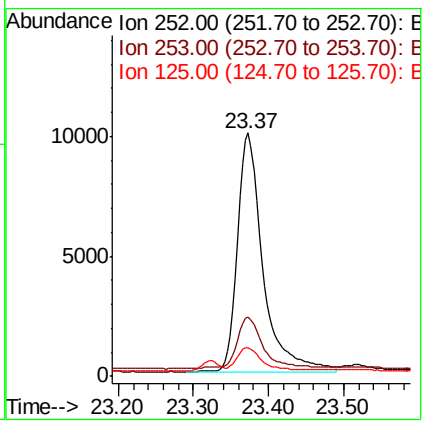


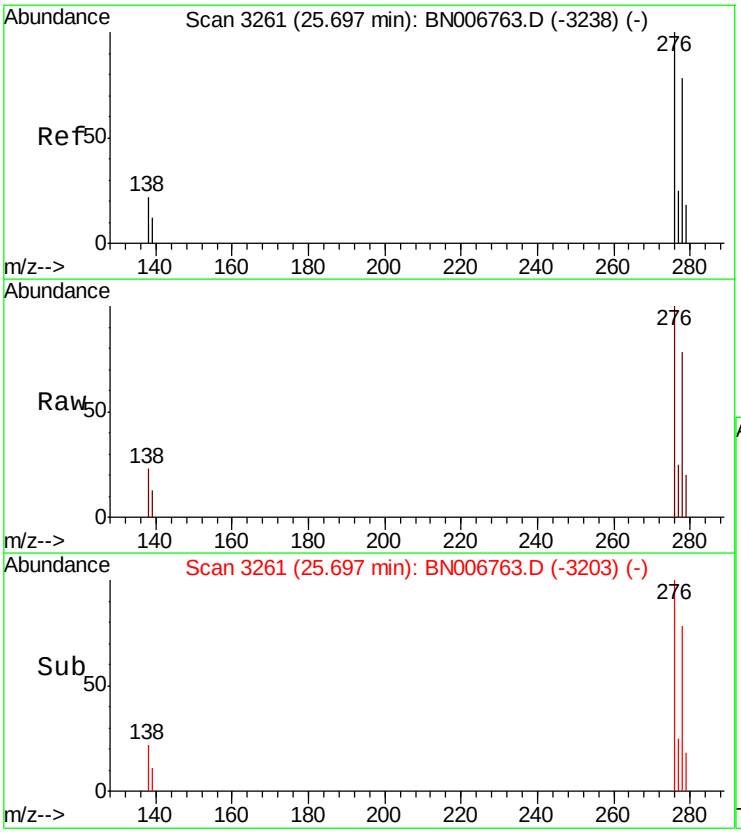
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.37 min Scan# 2582
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 22709

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.5	29.3
125	11.9	9.5	14.3

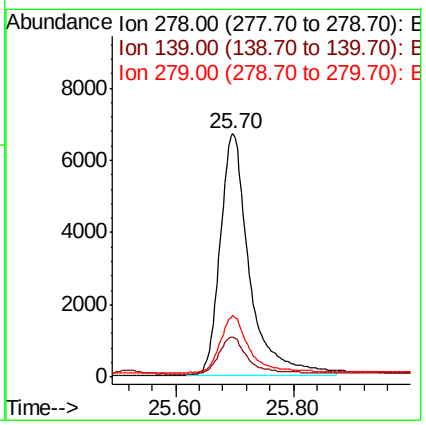


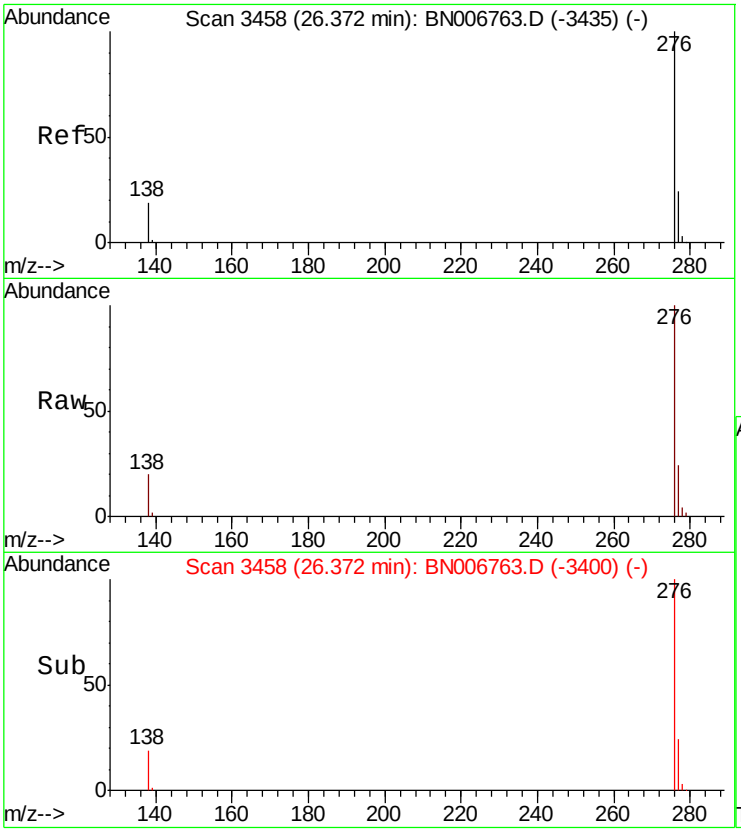


#38
Dibenzo(a,h)anthracene
Concen: 0.429 ng
RT: 25.70 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:278 Resp: 22997

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	25.3	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.444 ng
RT: 26.37 min Scan# 3458
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 24494

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	20.3	16.2	24.4