Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
Data File : BN006764.D
Acq On : 09 Jul 2019 10:24
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 09 12:31:49 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	2797	0.40	ng		0.00
7) Naphthalene-d8	10.36	136	10859	0.40	ng		0.00
13) Acenaphthene-d10	14.23	164	6147	0.40	ng		-0.01
19) Phenanthrene-d10	17.00	188	14336	0.40	ng		0.00
27) Chrysene-d12	21.24	240	14310	0.40	ng		0.00
34) Perylene-d12	23.48	264	15847	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	5052	0.67	ng		0.00
5) Phenol-d6	6.80	99	6988	0.73	ng		-0.02
8) Nitrobenzene-d5	8.77	82	6141	0.74	ng		-0.01
11) 2-Methylnaphthalene-d10	11.97	152	12534	0.77	ng		0.00
14) 2,4,6-Tribromophenol	15.76	330	2157	0.71	ng		-0.01
15) 2-Fluorobiphenyl	12.85	172	19139	0.80	ng		-0.01
25) Fluoranthene-d10	19.05	212	32644	0.80	ng		0.00
29) Terphenyl-d14	19.66	244	25823	0.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	3263	0.747	ng		92
3) n-Nitrosodimethylamine	3.46	42	2470	0.749	ng	#	98
6) bis(2-Chloroethyl)ether	7.03	93	6746	0.830	ng		97
9) Naphthalene	10.42	128	22581	0.760	ng		98
10) Hexachlorobutadiene	10.68	225	4830	0.803	ng	#	100
12) 2-Methylnaphthalene	12.04	142	14485	0.657	ng		97
16) Acenaphthylene	13.95	152	21990	0.718	ng		100
17) Acenaphthene	14.30	154	15134	0.775	ng		100
18) Fluorene	15.30	166	19010	0.784	ng		100
20) 4-Bromophenyl-phenylether	16.20	248	6259	0.741	ng		90
21) Hexachlorobenzene	16.31	284	8195	0.816	ng		99
22) Pentachlorophenol	16.70	266	974	0.676	ng		97
23) Phenanthrene	17.05	178	30682	0.743	ng		100
24) Anthracene	17.14	178	26021	0.697	ng		100
26) Fluoranthene	19.08	202	38193	0.787	ng		100
28) Pyrene	19.45	202	38646	0.675	ng		100
30) Benzo(a)anthracene	21.23	228	32887	0.666	ng		99
31) Chrysene	21.28	228	38921	0.765	ng		100
32) Bis(2-ethylhexyl)phthalate	21.14	149	13738	0.093	ng		99
33) Indeno(1,2,3-cd)pyrene	25.70	276	46944	0.772	ng		100
35) Benzo(b)fluoranthene	22.81	252	38536	0.758	ng		98
36) Benzo(k)fluoranthene	22.85	252	43320	0.785	ng		99
37) Benzo(a)pyrene	23.38	252	37454	0.760	ng		98
38) Dibenzo(a,h)anthracene	25.70	278	37627	0.769	ng		98
39) Benzo(g,h,i)perylene	26.38	276	39356	0.781	ng		100

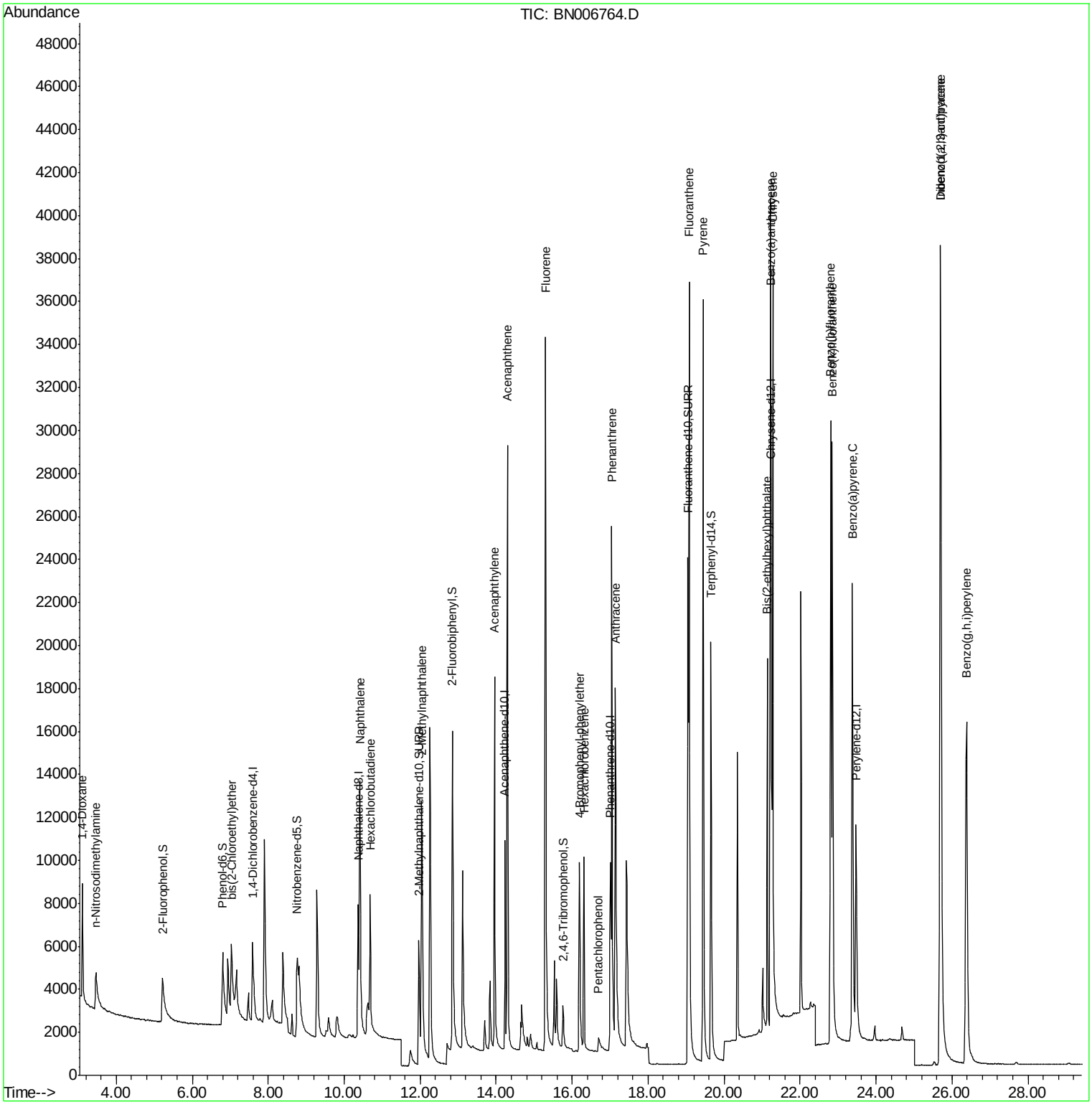
(#) = qualifier out of range (m) = manual integration (+) = signals summed

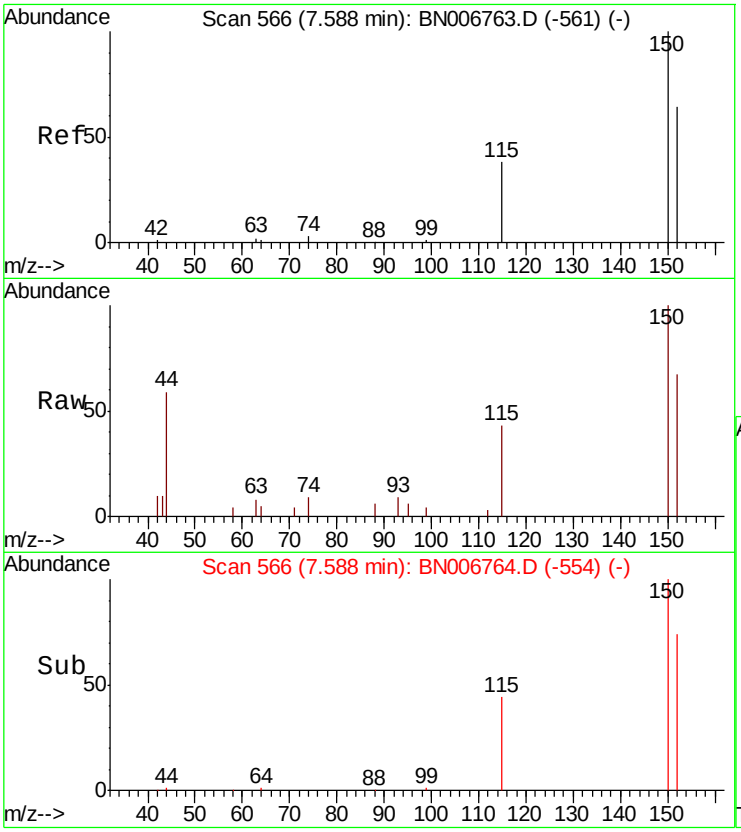
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
Data File : BN006764.D
Acq On : 09 Jul 2019 10:24
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 09 12:31:49 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



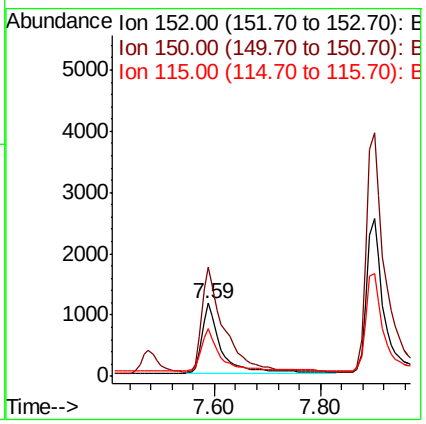


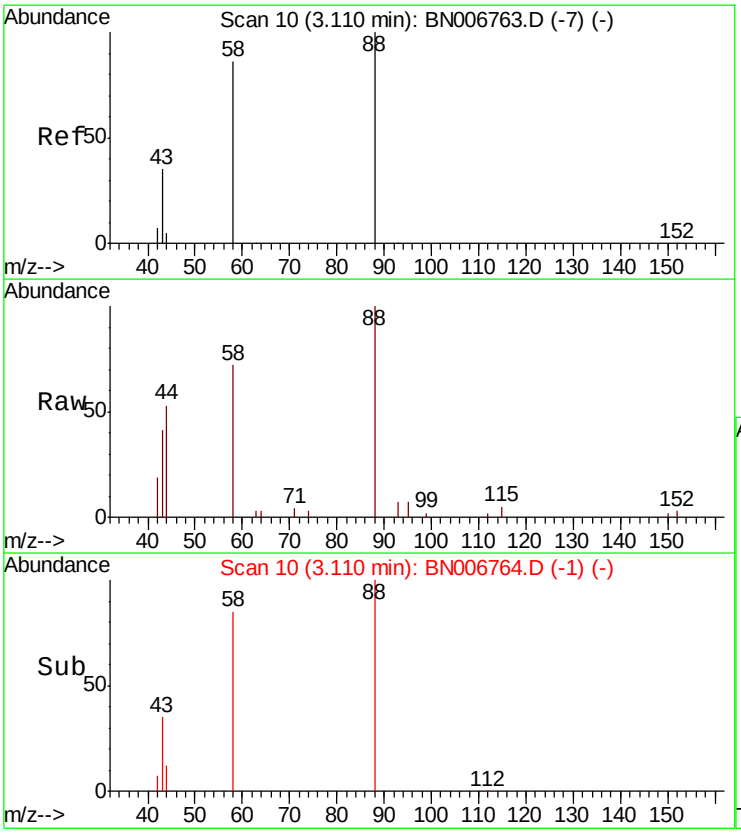
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 566
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2797

Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.6	185.4
115	65.0	52.5	78.7

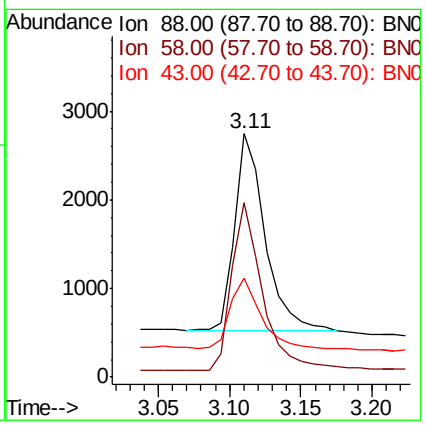


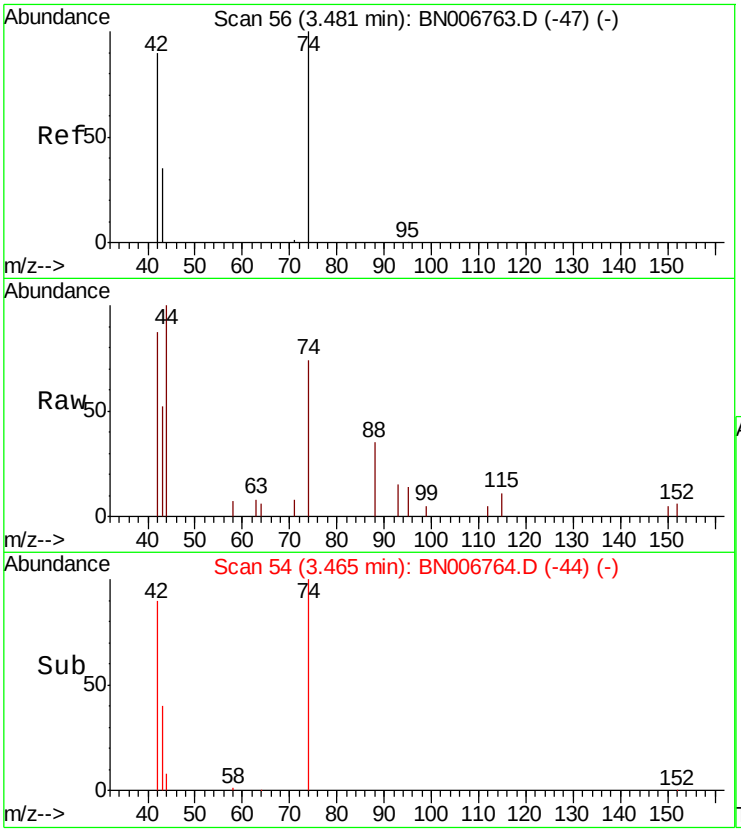


#2
1,4-Dioxane
Concen: 0.747 ng
RT: 3.11 min Scan# 10
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion: 88 Resp: 3263

Ion	Ratio	Lower	Upper
88	100		
58	87.1	61.8	92.6
43	35.7	27.9	41.9



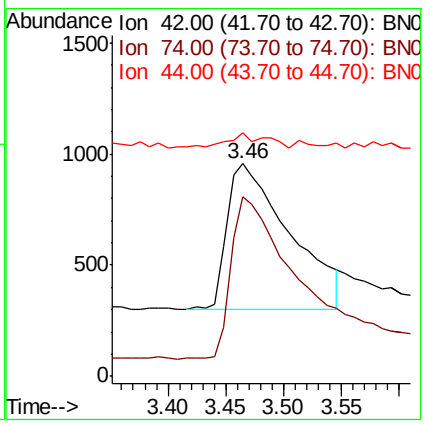


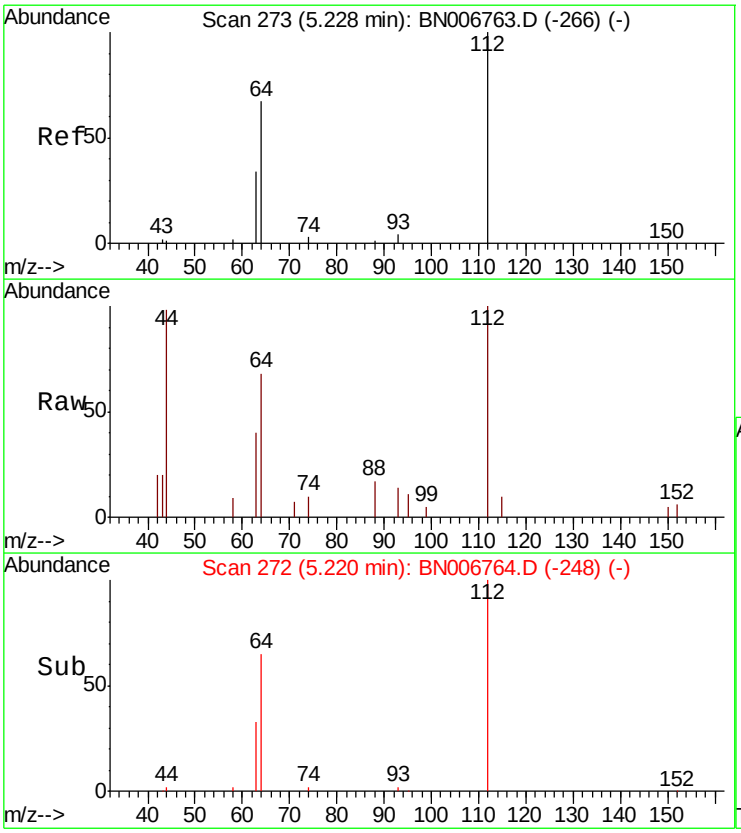
#3
n-Nitrosodimethylamine
Concen: 0.749 ng
RT: 3.46 min Scan# 54
Delta R.T. -0.02 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2470

Ion	Ratio	Lower	Upper
42	100		
74	109.3	86.2	129.4
44	5.8	7.0	10.6#

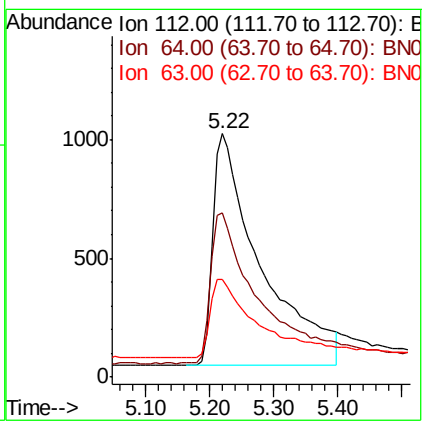


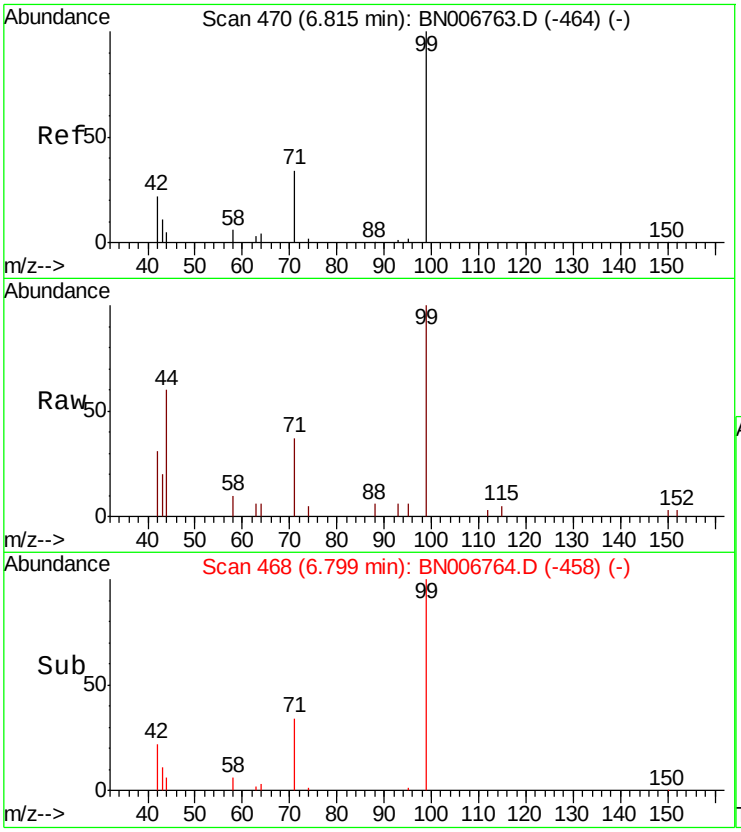


#4
2-Fluorophenol
Concen: 0.665 ng
RT: 5.22 min Scan# 272
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:112 Resp: 5052

Ion	Ratio	Lower	Upper
112	100		
64	65.7	52.7	79.1
63	34.6	27.7	41.5



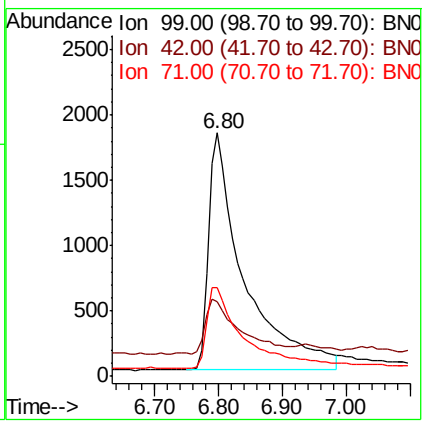


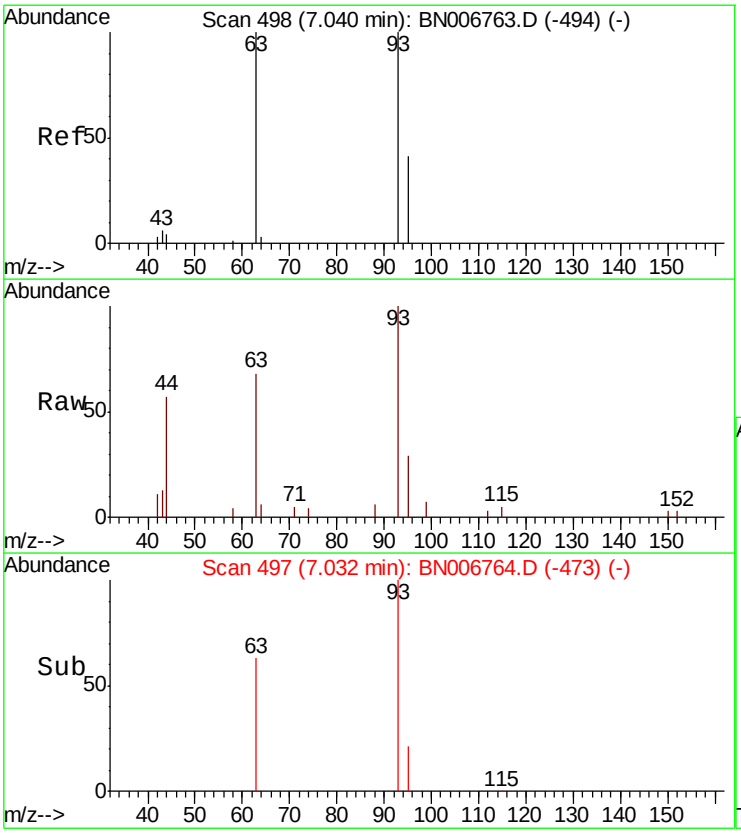
#5
Phenol-d6
Concen: 0.727 ng
RT: 6.80 min Scan# 468
Delta R.T. -0.02 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6988

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.0	25.6
71	35.2	29.1	43.7

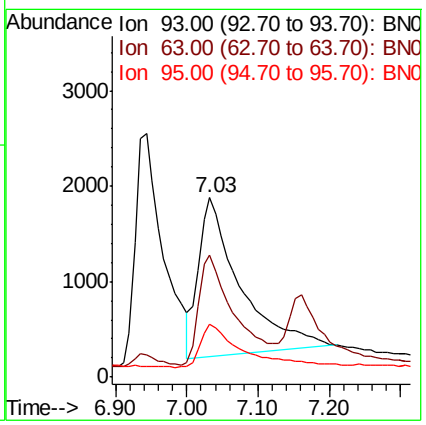


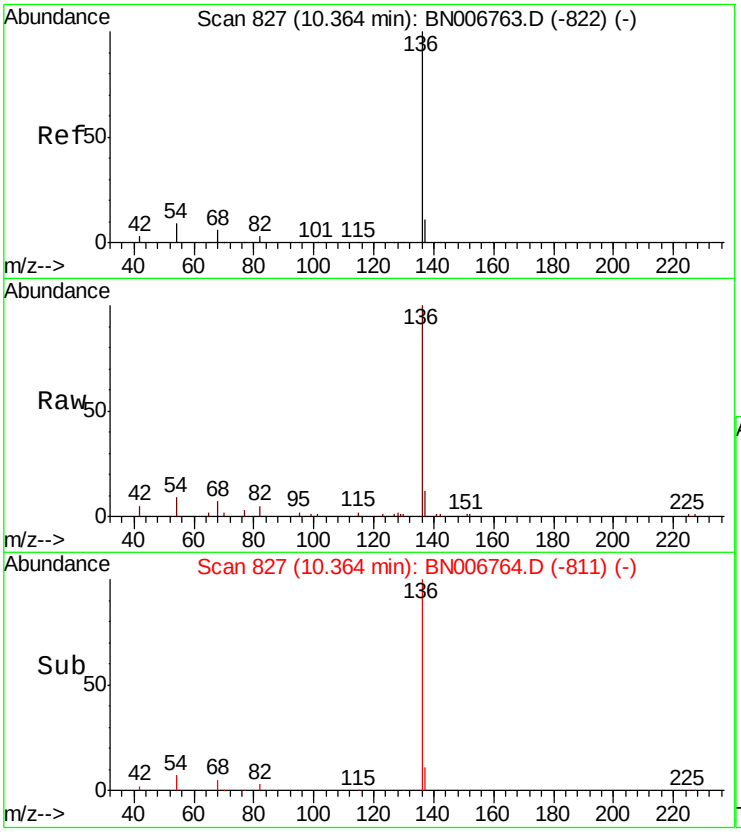


#6
bis(2-Chloroethyl)ether
Concen: 0.830 ng
RT: 7.03 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion: 93 Resp: 6746

Ion	Ratio	Lower	Upper
93	100		
63	58.7	48.6	73.0
95	27.4	22.9	34.3



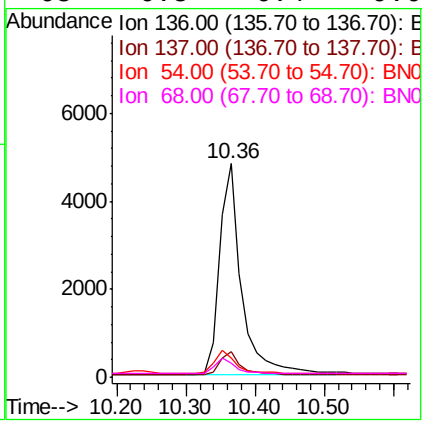


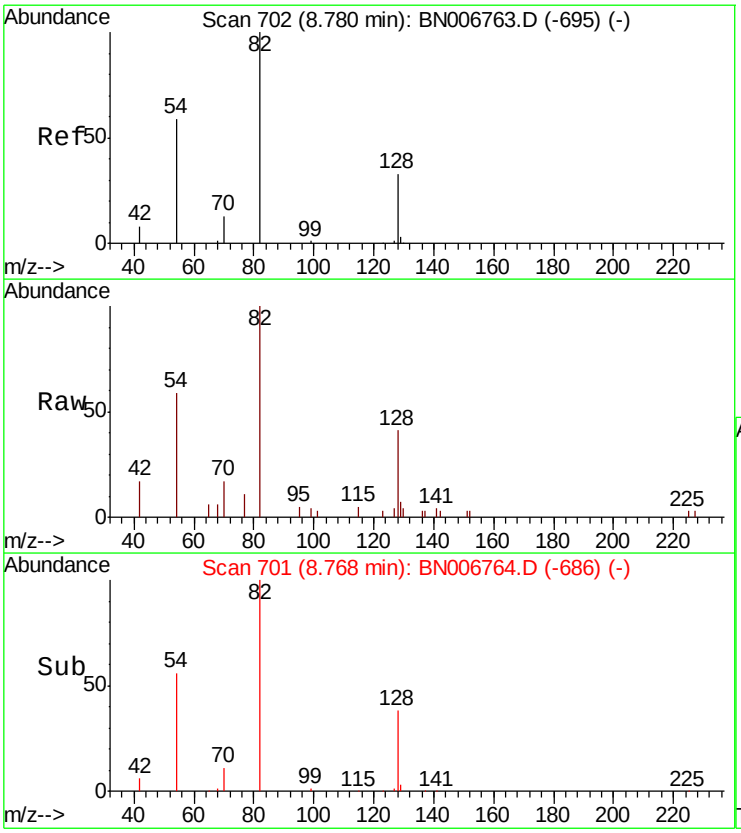
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 10859

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	8.9	8.4	12.6
68	6.8	6.4	9.6

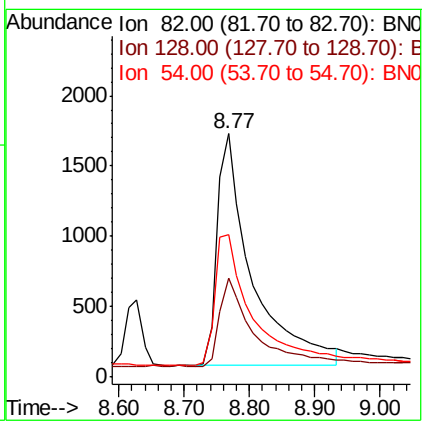


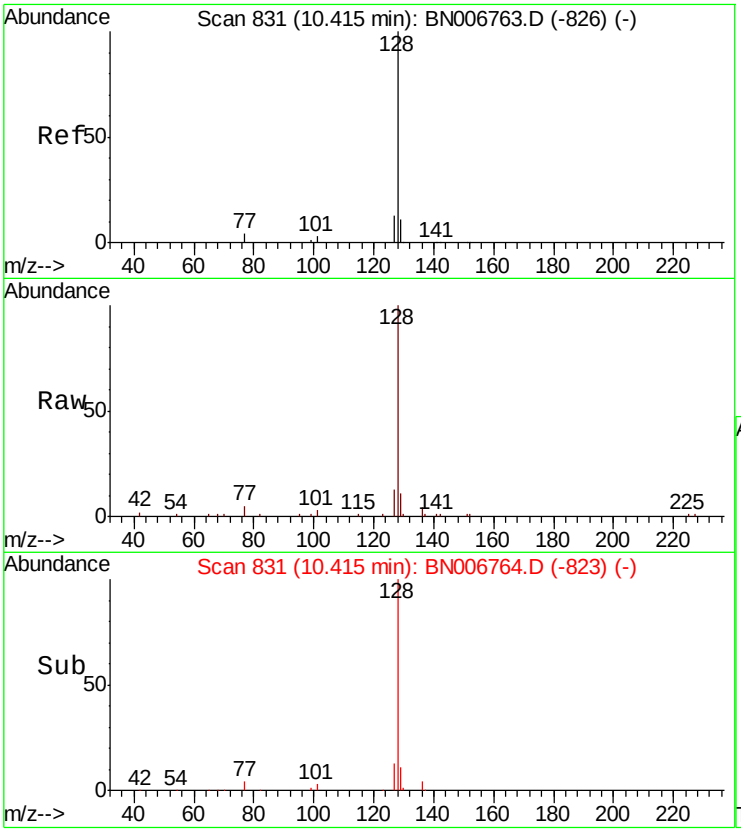


#8
Nitrobenzene-d5
Concen: 0.737 ng
RT: 8.77 min Scan# 701
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion: 82 Resp: 6141

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.0	49.6
54	58.6	52.2	78.2



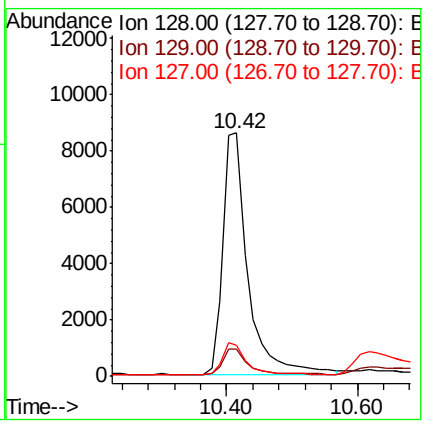


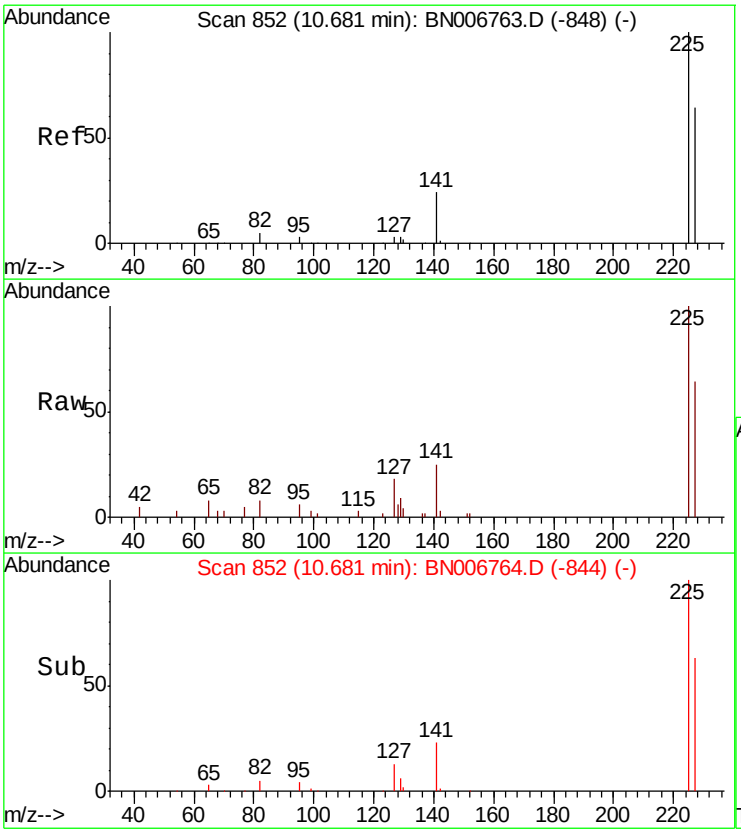
#9
Naphthalene
Concen: 0.760 ng
RT: 10.42 min Scan# 831
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 22581

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.0	11.0	16.4

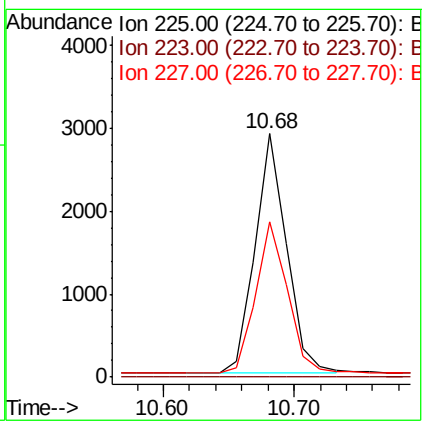


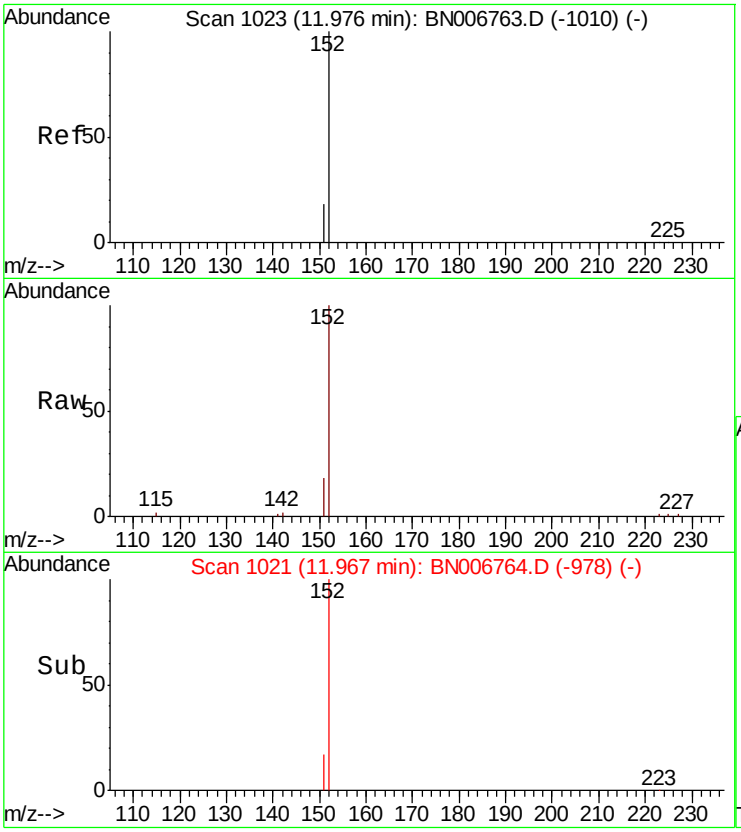


#10
Hexachlorobutadiene
Concen: 0.803 ng
RT: 10.68 min Scan# 852
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:225 Resp: 4830

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.8	76.2



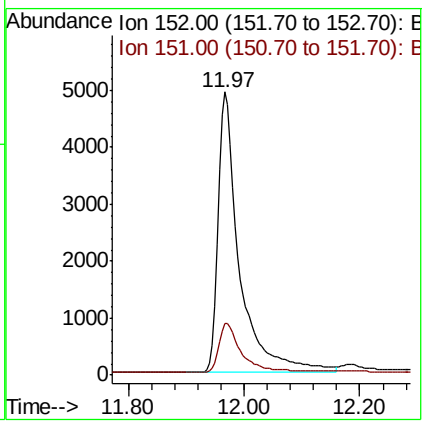


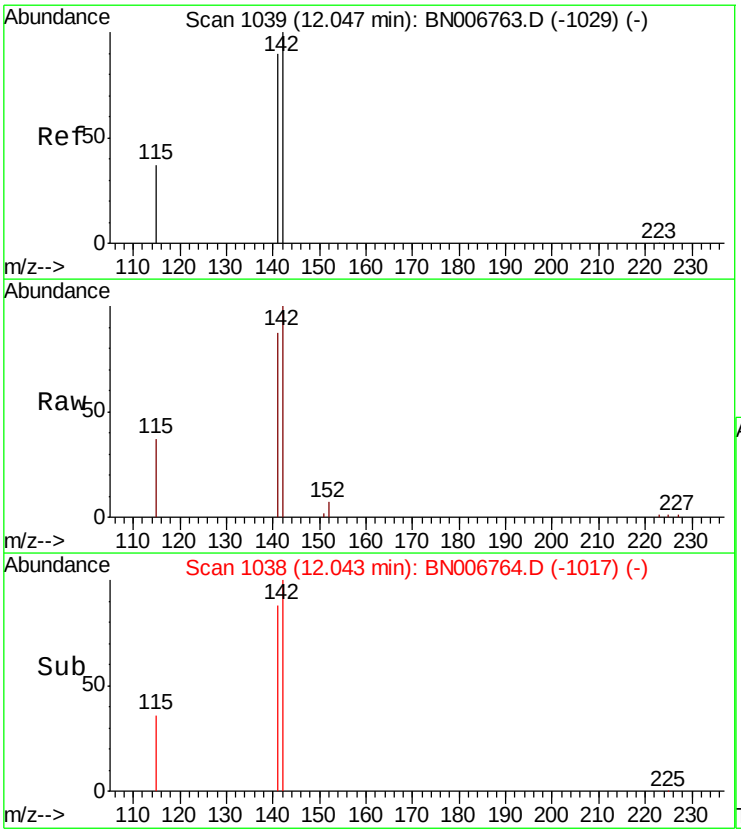
#11
2-Methylnaphthalene-d10
Concen: 0.768 ng
RT: 11.97 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12534

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7

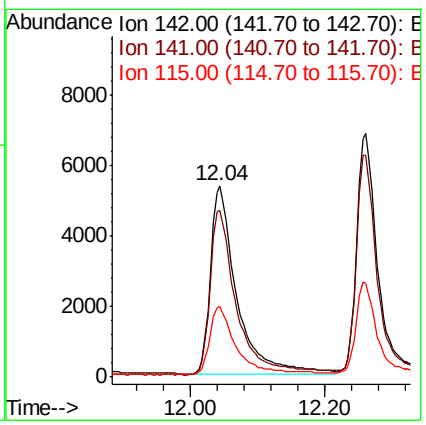


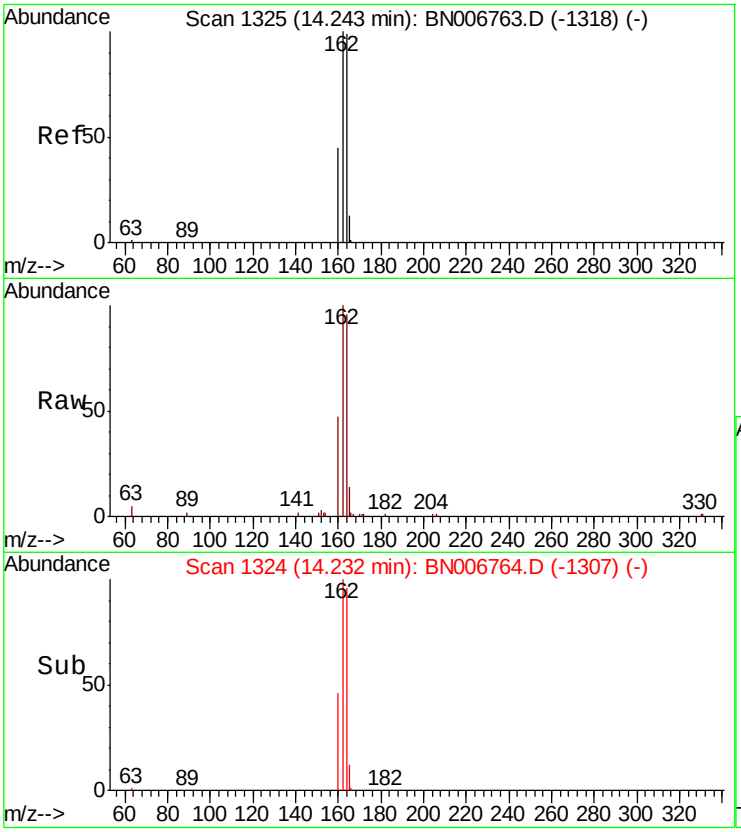


#12
2-Methylnaphthalene
Concen: 0.657 ng
RT: 12.04 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:142 Resp: 14485

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.7	107.5
115	36.8	31.2	46.8



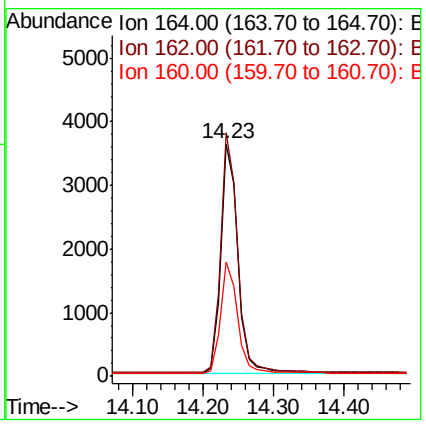


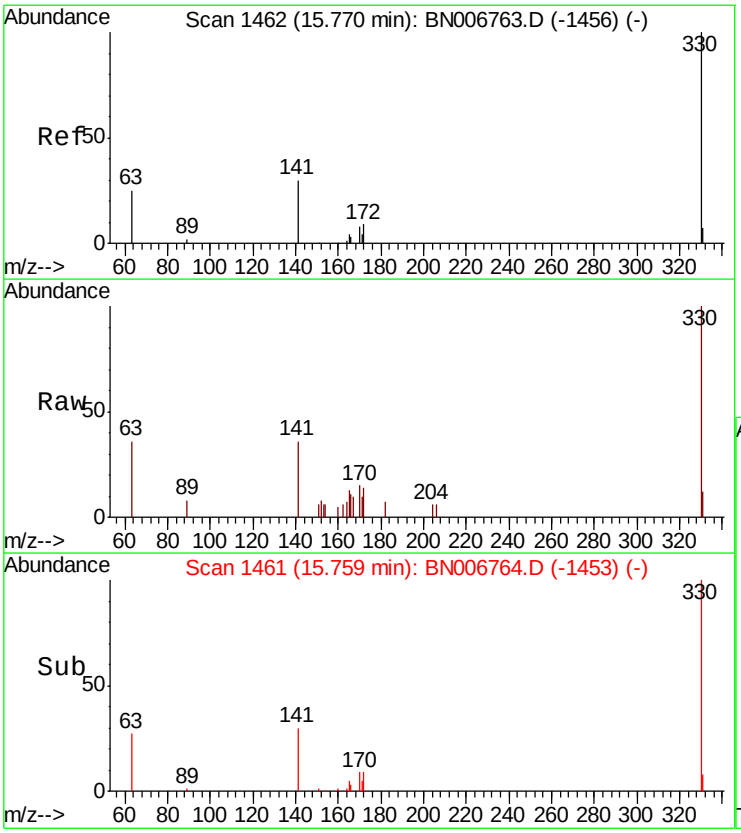
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.23 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6147

Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.0	121.4
160	48.9	37.4	56.0

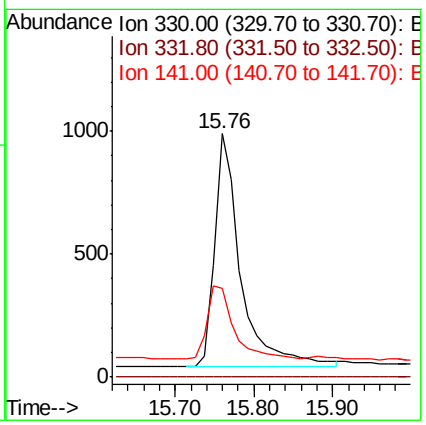


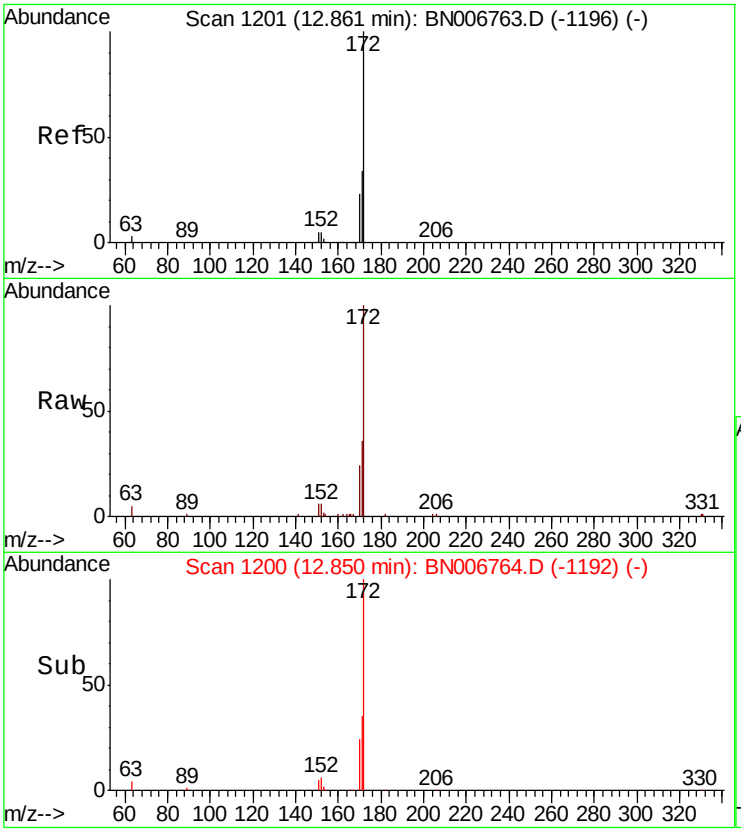


#14
2,4,6-Tribromophenol
Concen: 0.714 ng
RT: 15.76 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:330 Resp: 2157

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.8	26.6	39.8



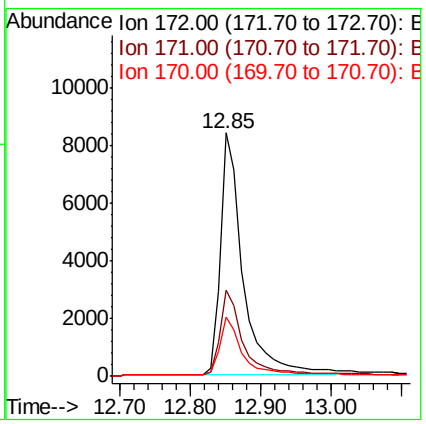


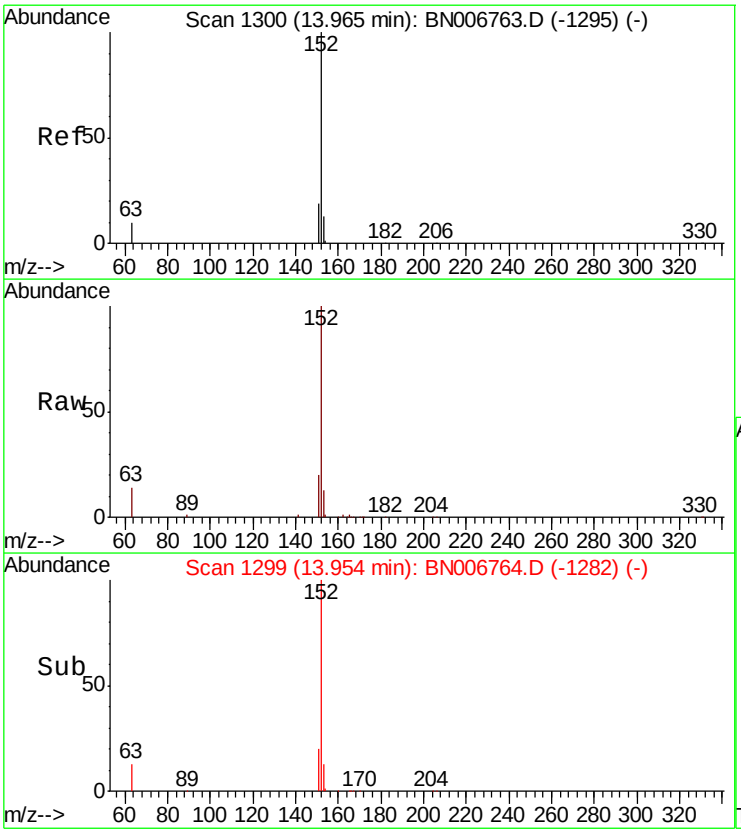
#15
2-Fluorobiphenyl
Concen: 0.796 ng
RT: 12.85 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 19139

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	24.4	19.0	28.6

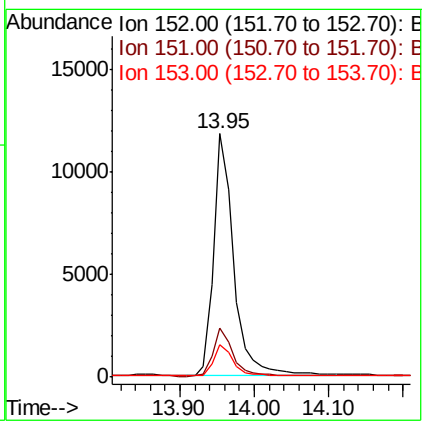


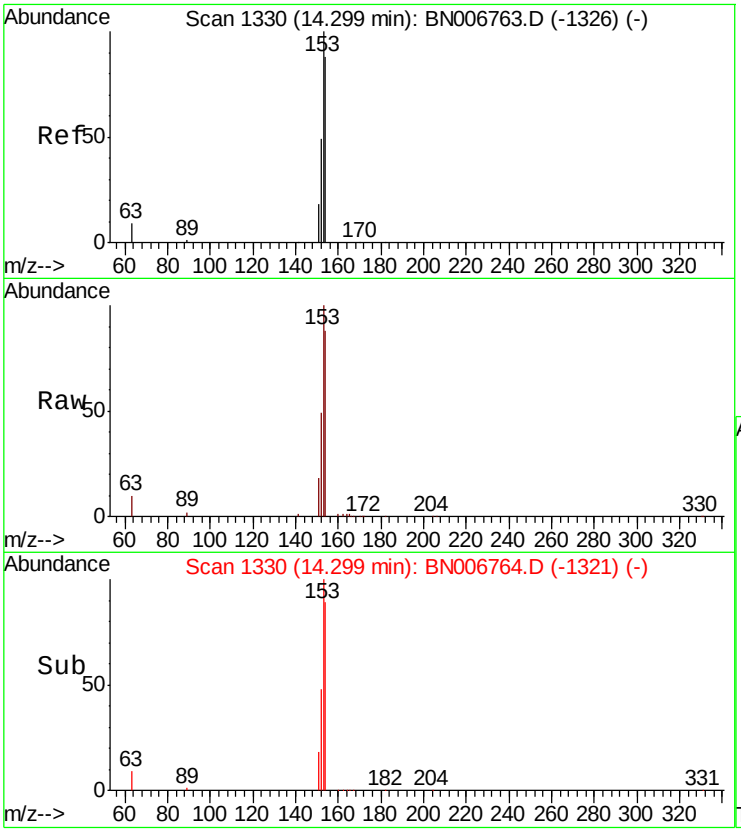


#16
Acenaphthylene
Concen: 0.718 ng
RT: 13.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:152 Resp: 21990

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.5	15.7



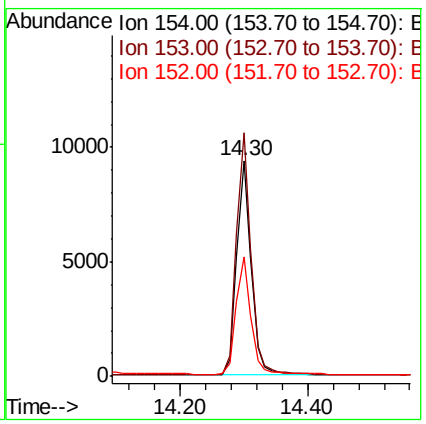


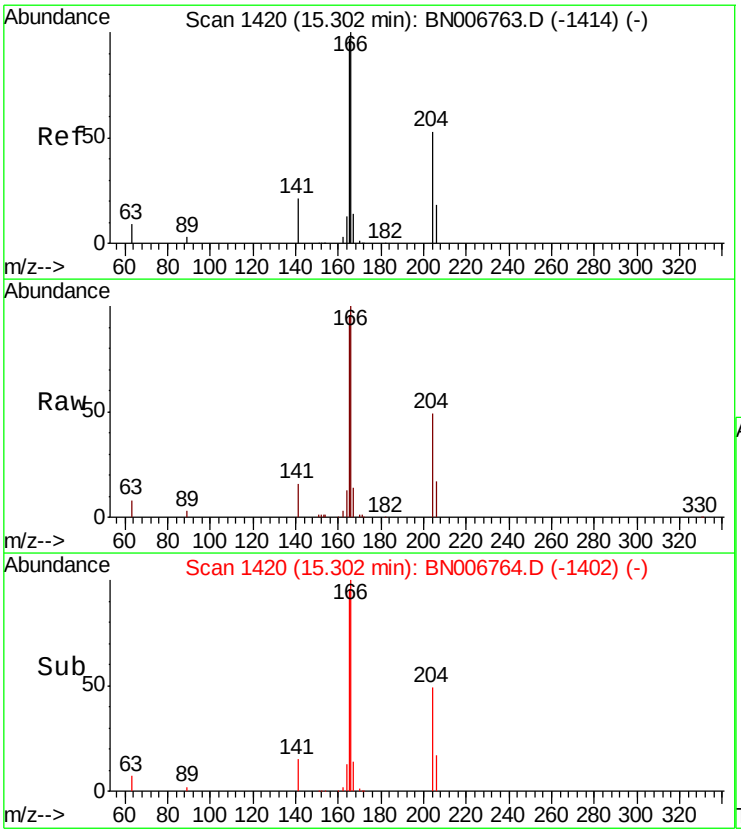
#17
Acenaphthene
Concen: 0.775 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 15134

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.8	136.2
152	55.6	44.9	67.3

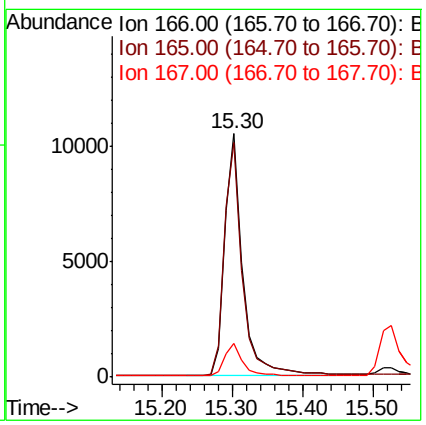


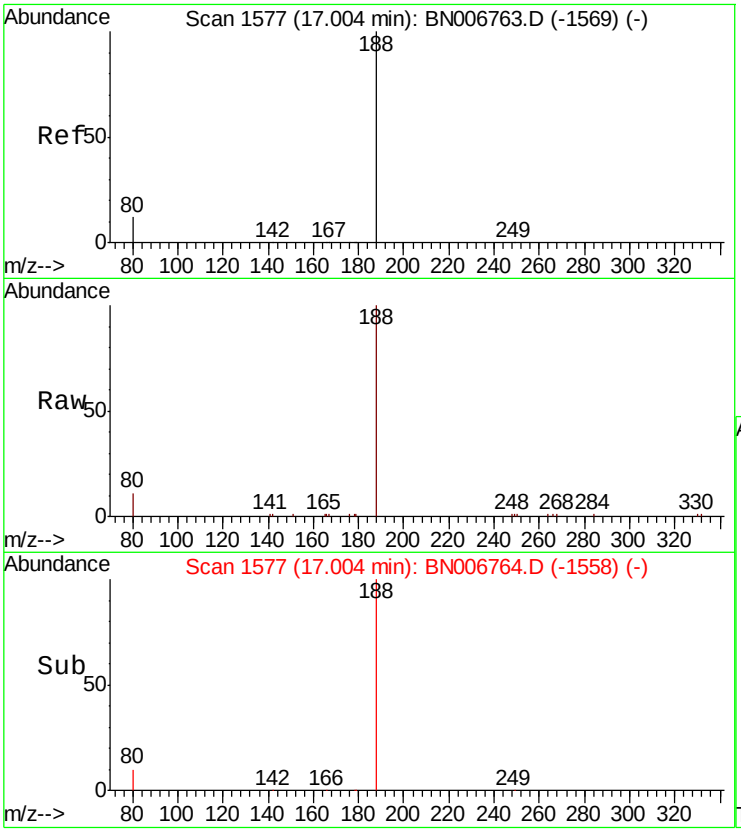


#18
Fluorene
Concen: 0.784 ng
RT: 15.30 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:166 Resp: 19010

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.4
167	13.4	10.9	16.3



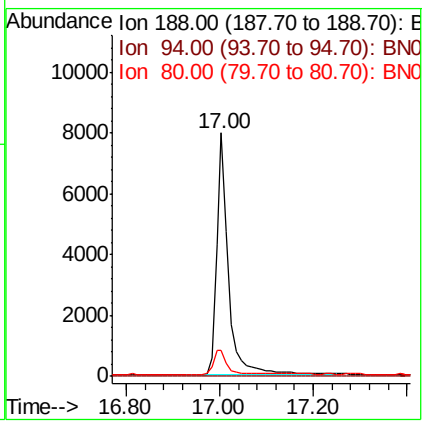


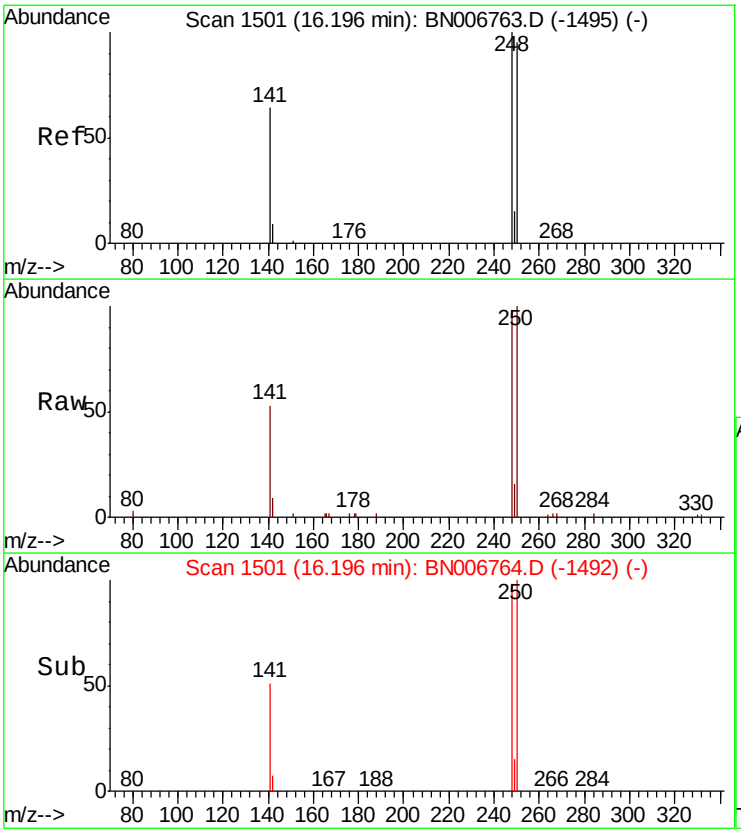
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 14336

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	10.1	15.1

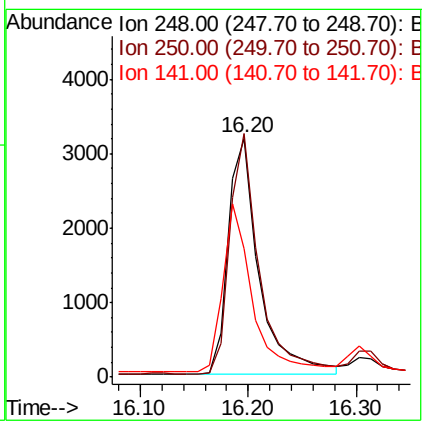


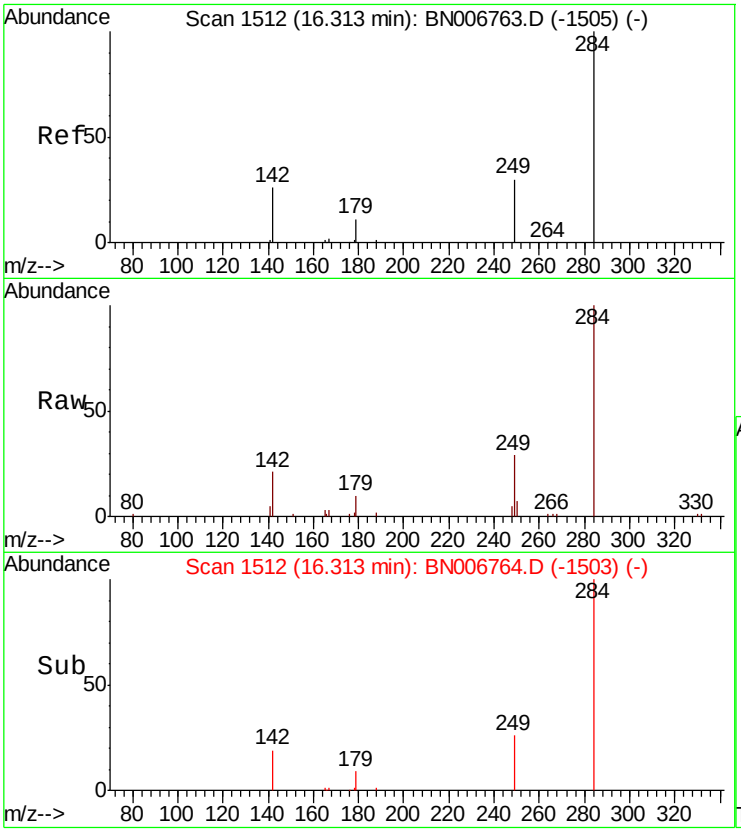


#20
4-Bromophenyl-phenylether
Concen: 0.741 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:248 Resp: 6259

Ion	Ratio	Lower	Upper
248	100		
250	102.0	76.5	114.7
141	53.9	53.2	79.8



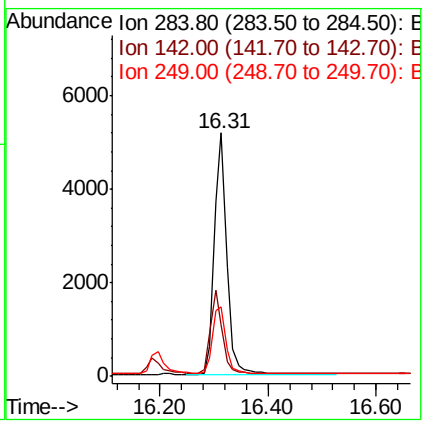


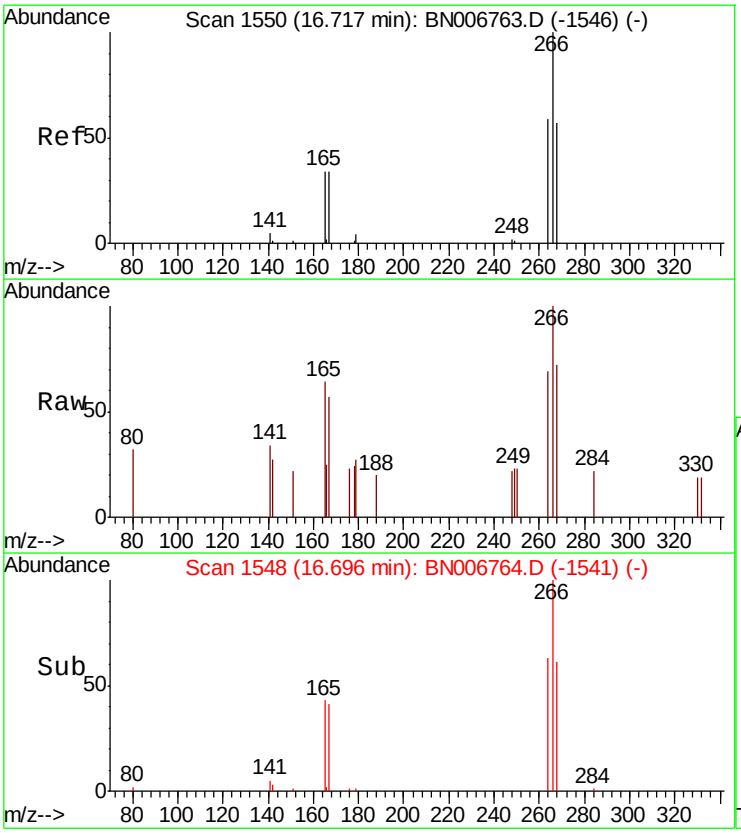
#21
Hexachlorobenzene
Concen: 0.816 ng
RT: 16.31 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 8195

Ion	Ratio	Lower	Upper
284	100		
142	33.1	27.0	40.4
249	30.6	24.3	36.5

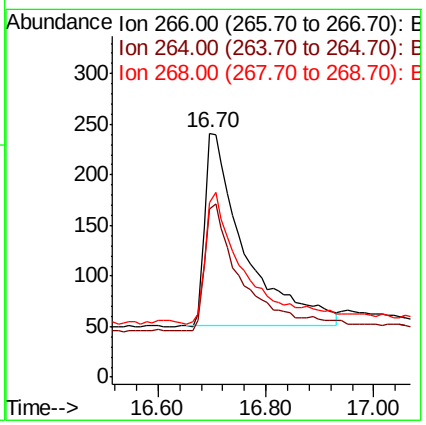


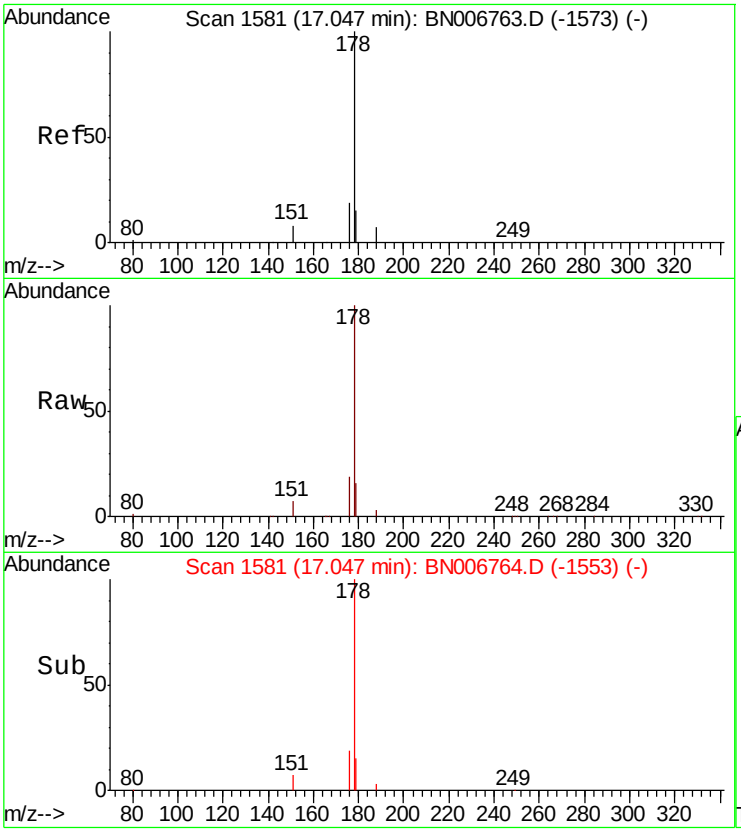


#22
Pentachlorophenol
Concen: 0.676 ng
RT: 16.70 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:266 Resp: 974

Ion	Ratio	Lower	Upper
266	100		
264	68.9	56.2	84.4
268	71.8	60.2	90.2



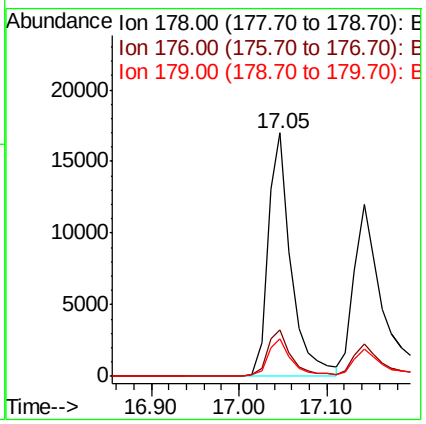


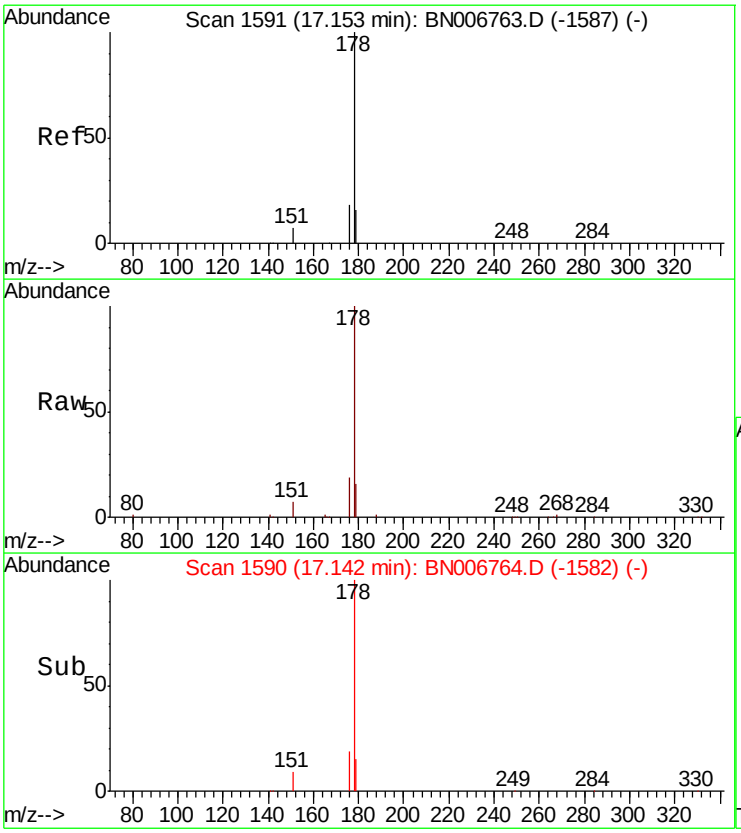
#23
Phenanthrene
Concen: 0.743 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 30682

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.3	12.2	18.2

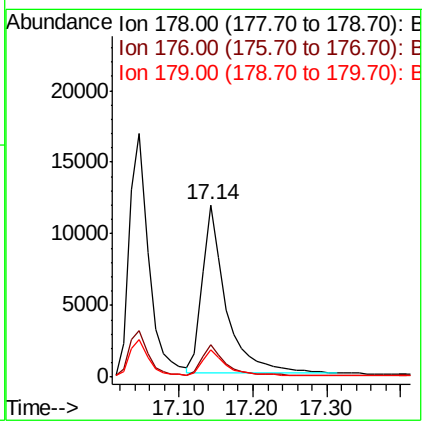


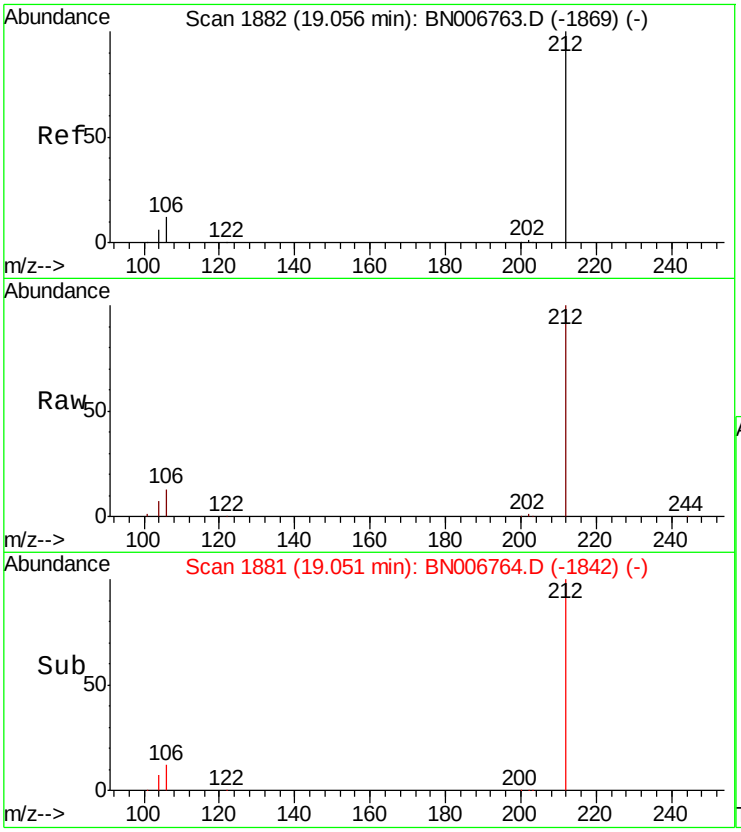


#24
Anthracene
Concen: 0.697 ng
RT: 17.14 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:178 Resp: 26021

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.3	12.1	18.1



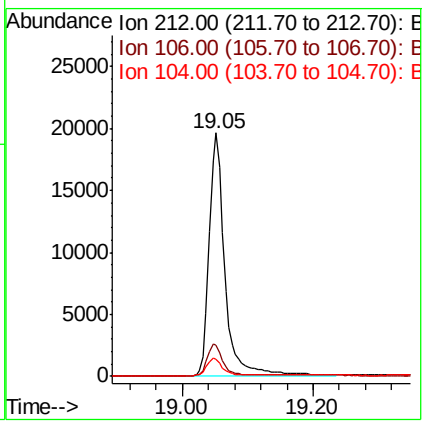


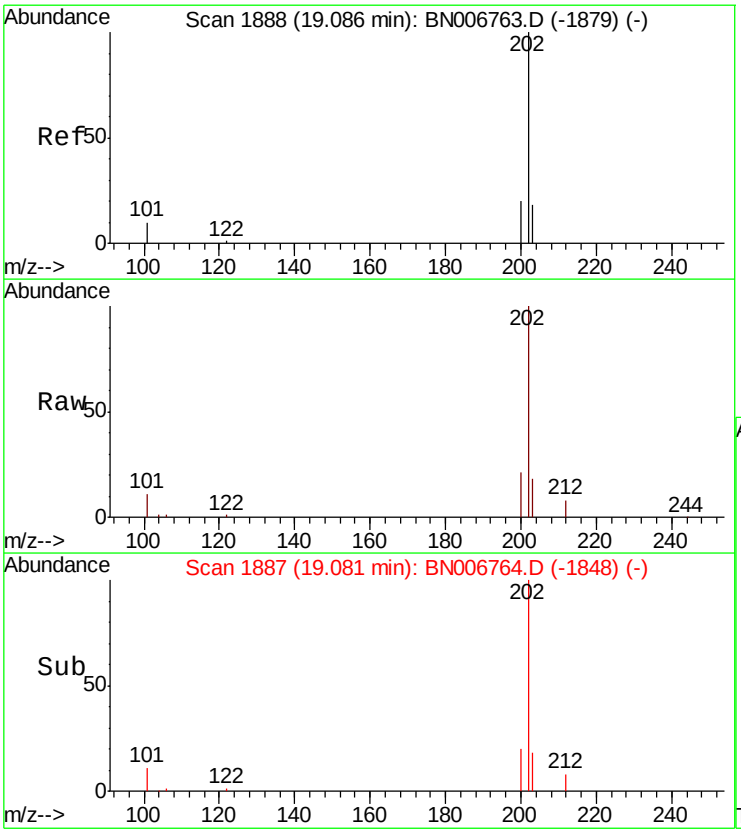
#25
Fluoranthene-d10
Concen: 0.796 ng
RT: 19.05 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 32644

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.5	15.7
104	7.1	5.9	8.9

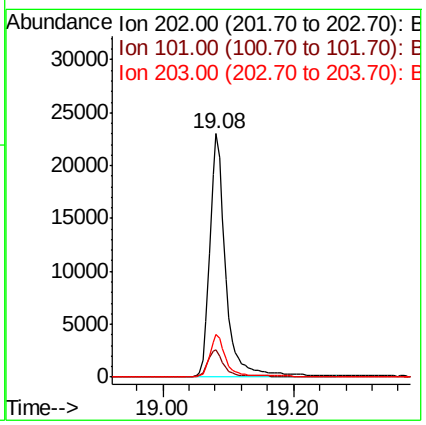


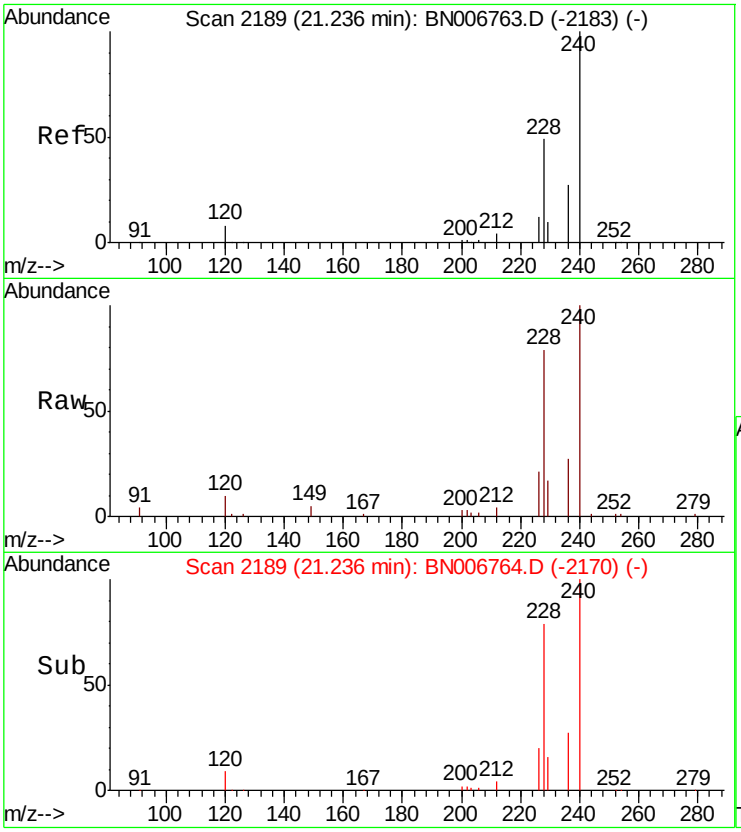


#26
Fluoranthene
Concen: 0.787 ng
RT: 19.08 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:202 Resp: 38193

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	17.2	13.6	20.4



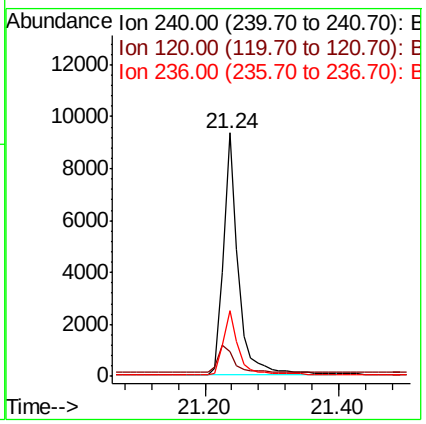


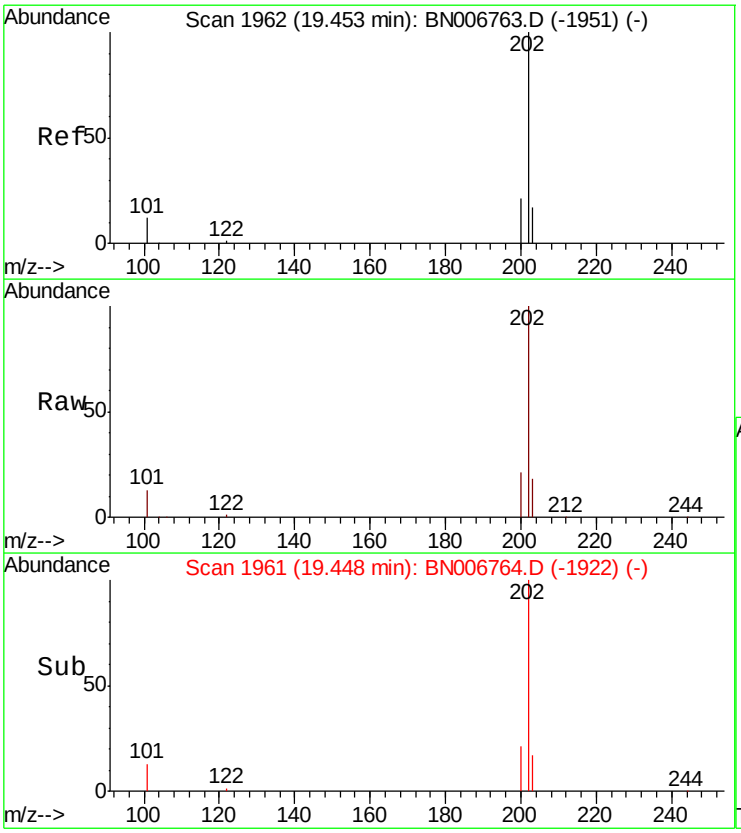
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 14310

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	27.1	21.8	32.6

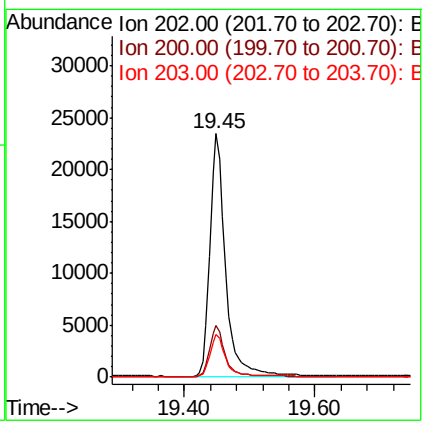


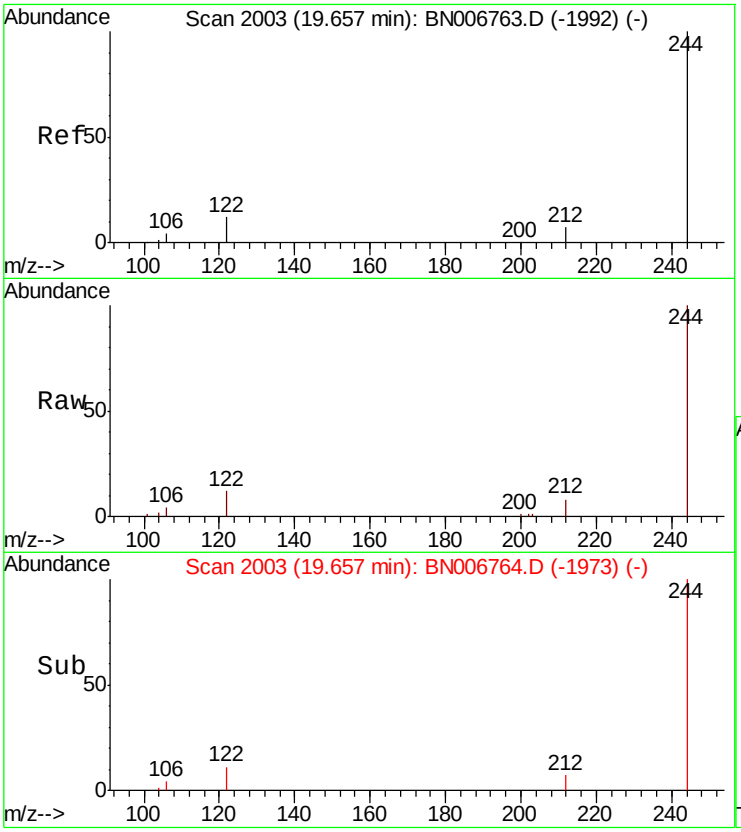


#28
Pyrene
Concen: 0.675 ng
RT: 19.45 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:202 Resp: 38646

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.5	14.0	21.0



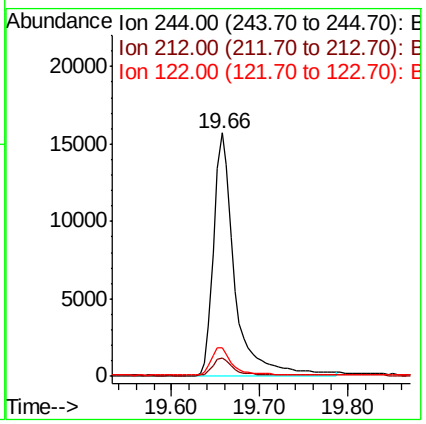


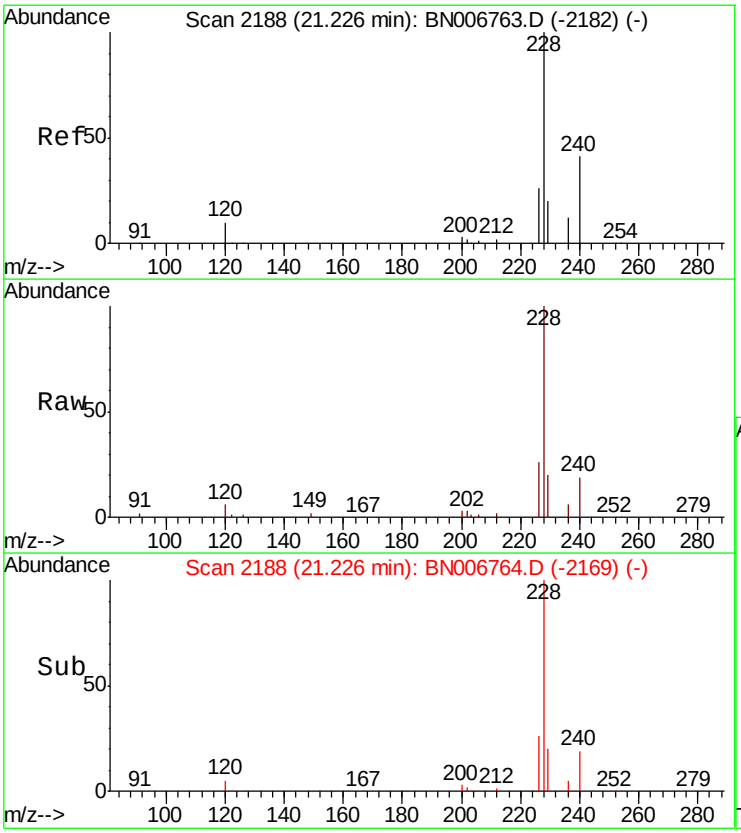
#29
Terphenyl-d14
Concen: 0.784 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 25823

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.8	10.3	15.5

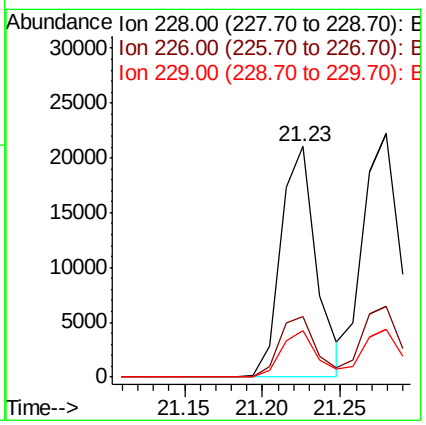


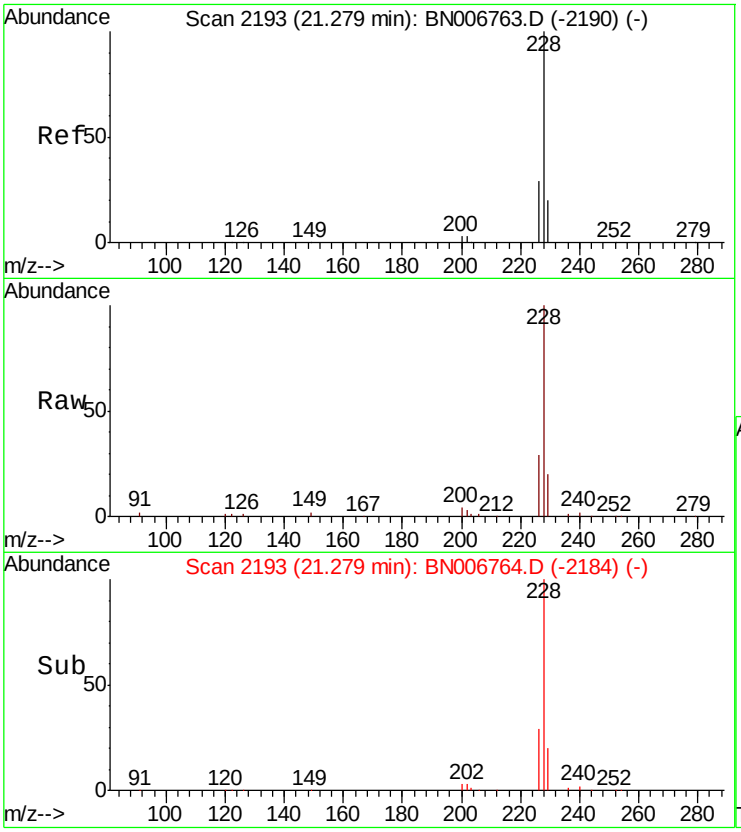


#30
Benzo(a)anthracene
Concen: 0.666 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:228 Resp: 32887

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.2	31.8
229	20.3	16.4	24.6



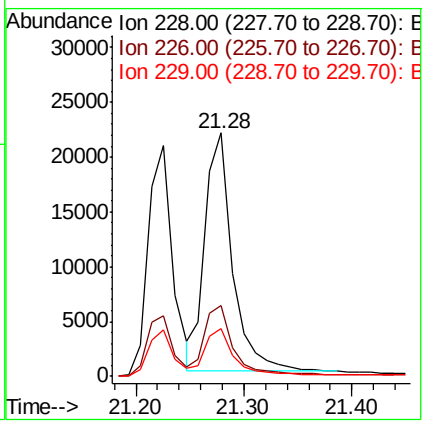


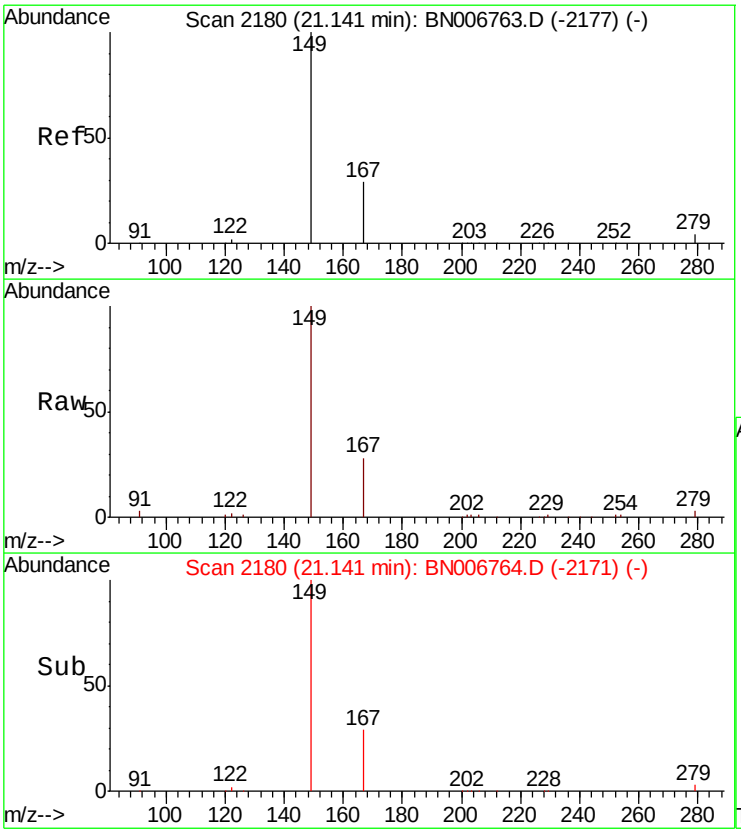
#31
Chrysene
Concen: 0.765 ng
RT: 21.28 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 38921

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.5	35.3
229	19.8	16.0	24.0

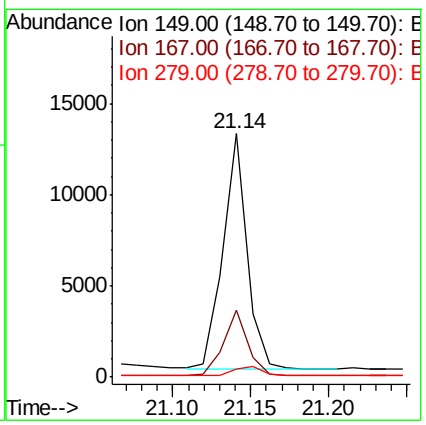


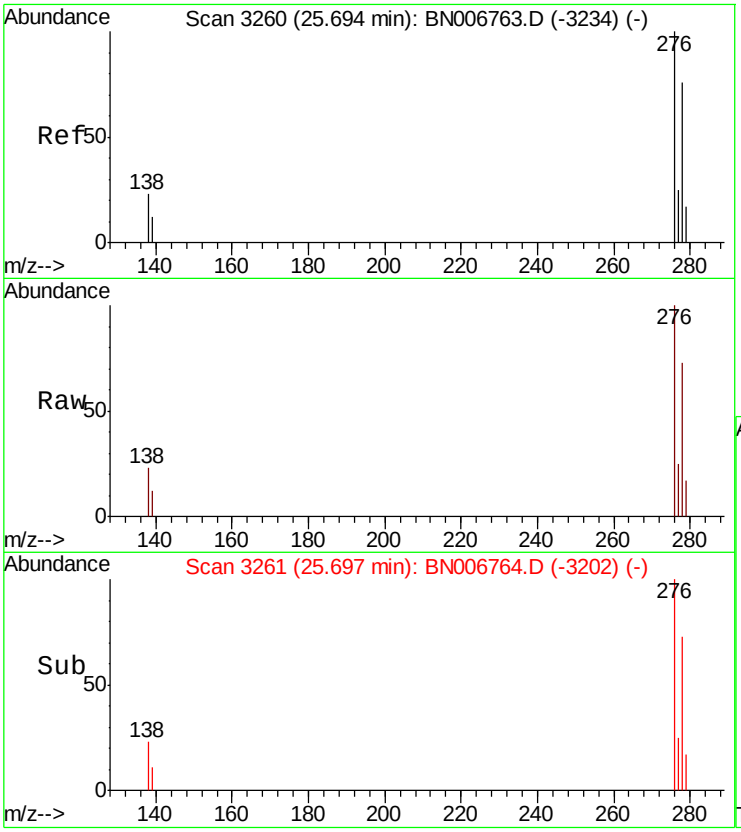


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 21.14 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:149 Resp: 13738

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.9	34.3
279	4.6	3.7	5.5



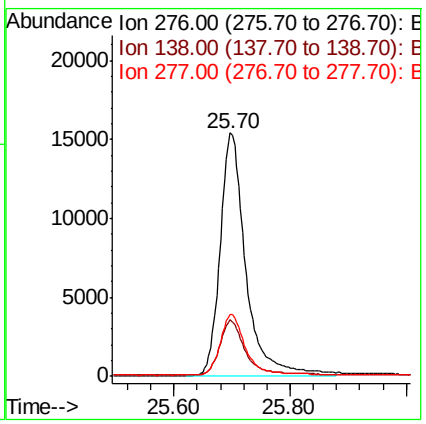


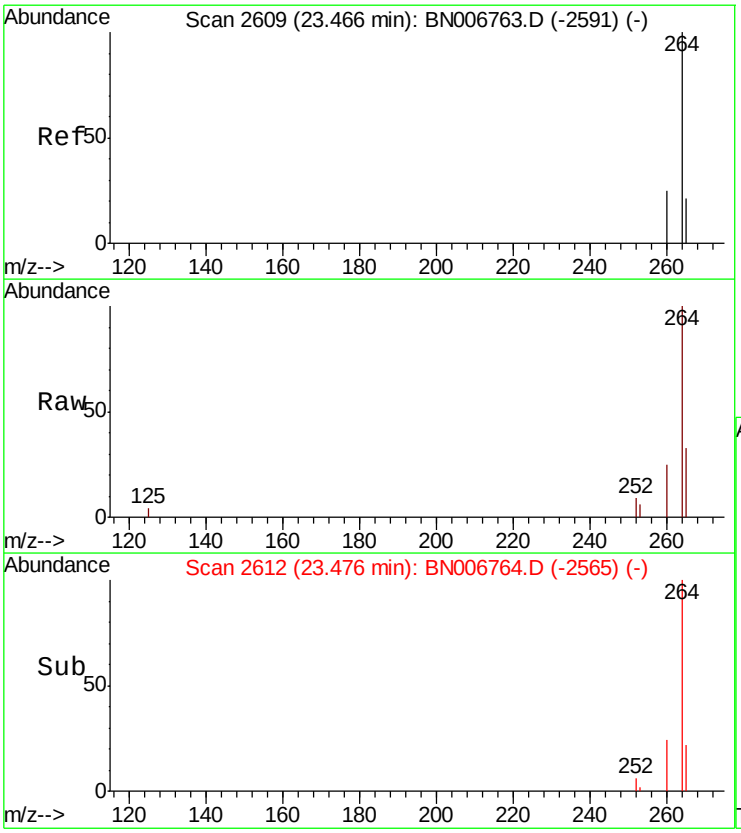
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.772 ng
RT: 25.70 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 46944

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.9	26.9
277	24.8	19.8	29.8

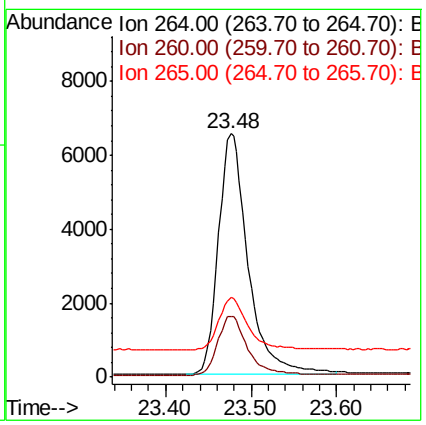


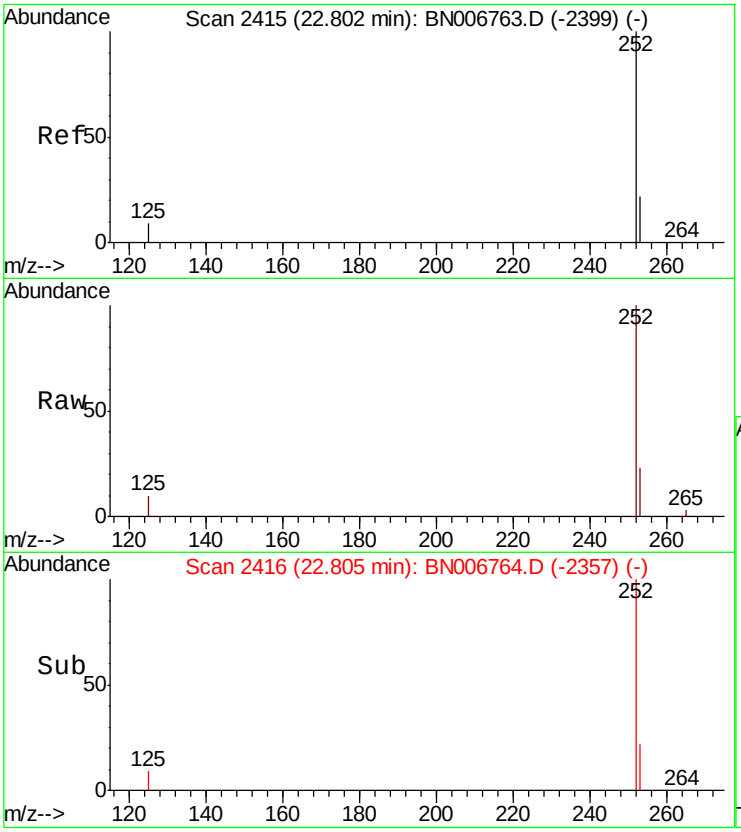


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:264 Resp: 15847

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.4
265	32.5	24.6	37.0



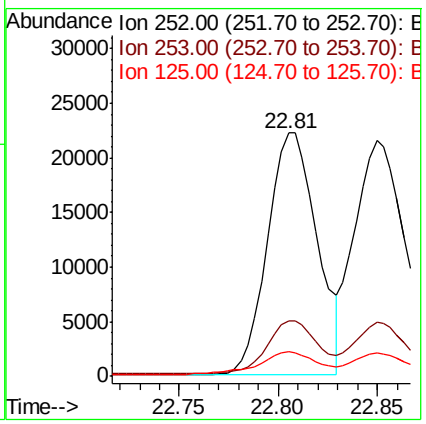


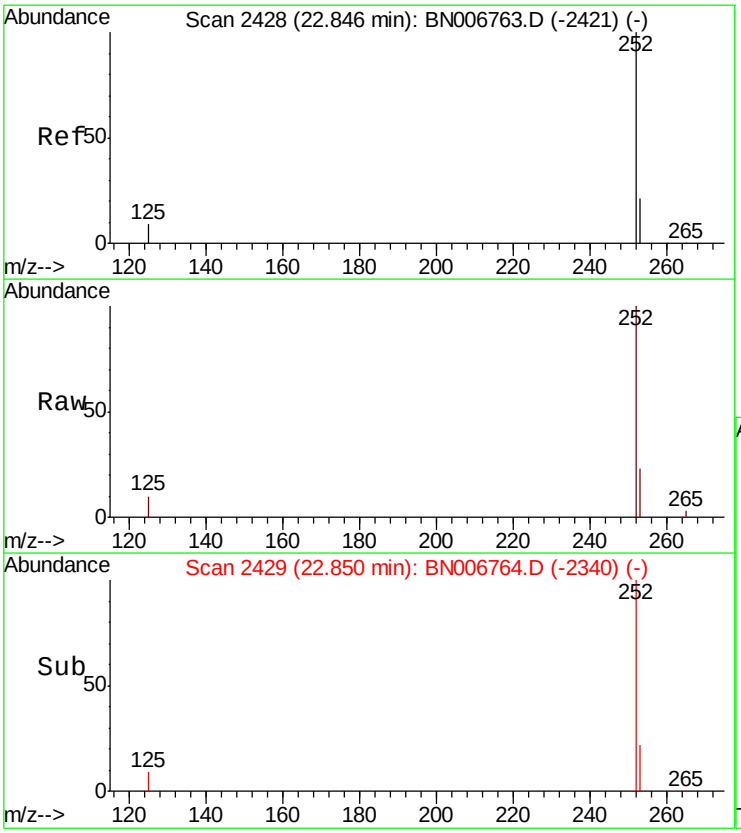
#35
Benzo(b)fluoranthene
Concen: 0.758 ng
RT: 22.81 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 38536

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	10.0	8.5	12.7

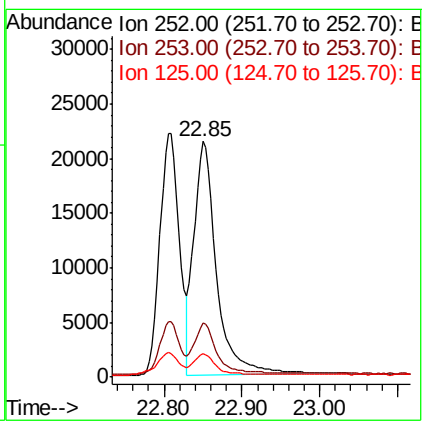


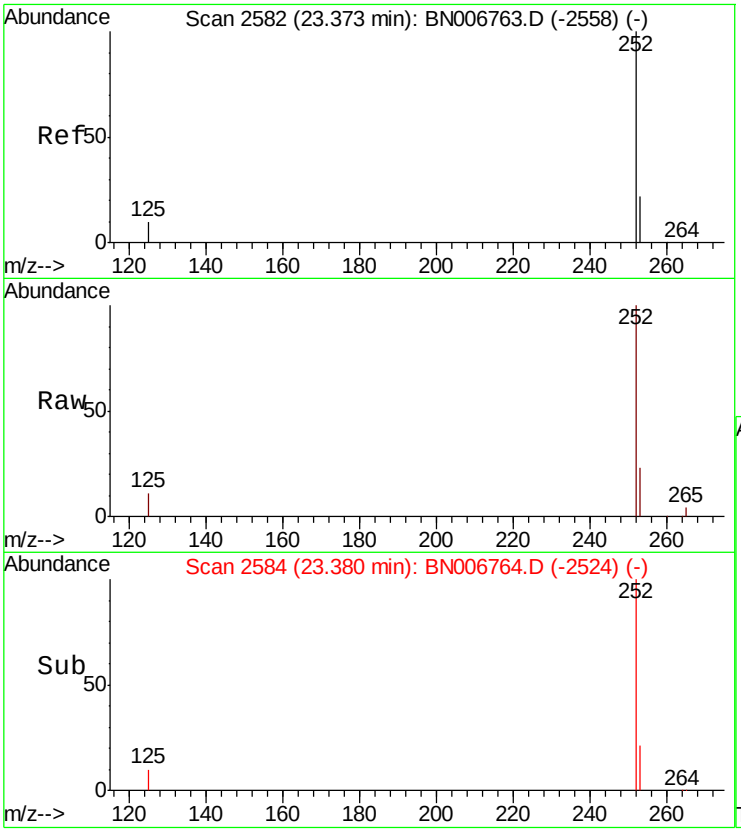


#36
Benzo(k)fluoranthene
Concen: 0.785 ng
RT: 22.85 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:252 Resp: 43320

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	10.0	8.4	12.6



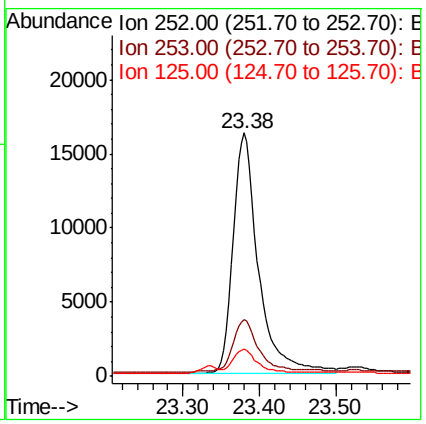


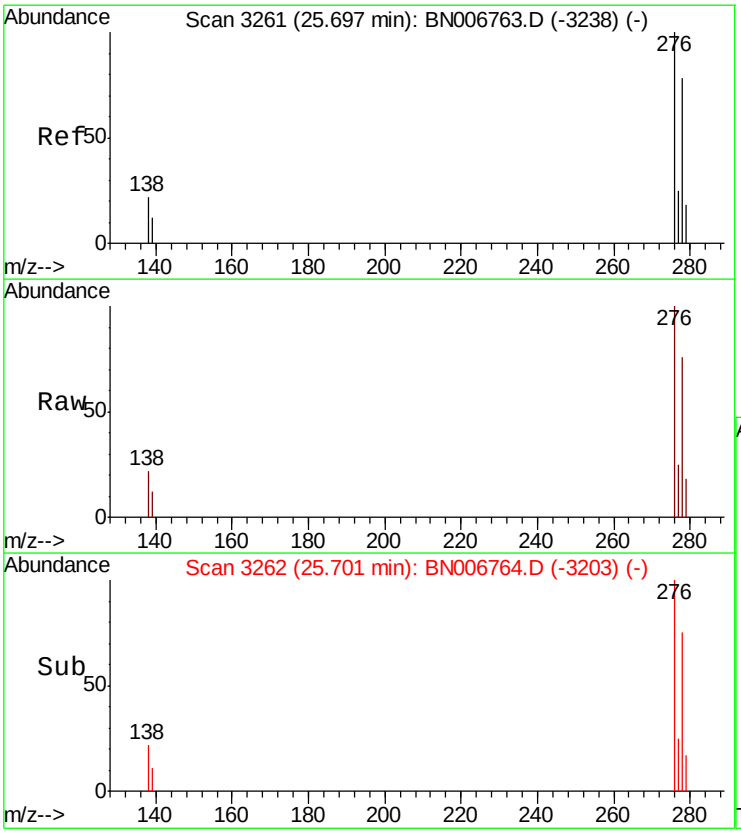
#37
Benzo(a)pyrene
Concen: 0.760 ng
RT: 23.38 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 37454

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.5	29.3
125	11.1	9.5	14.3

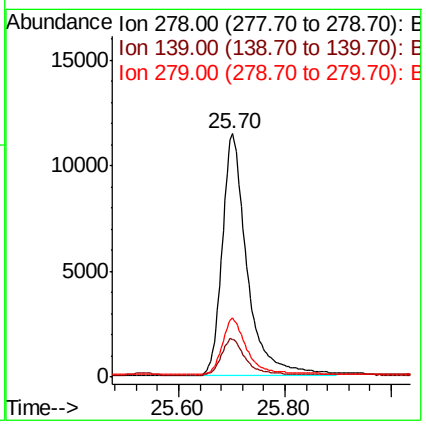


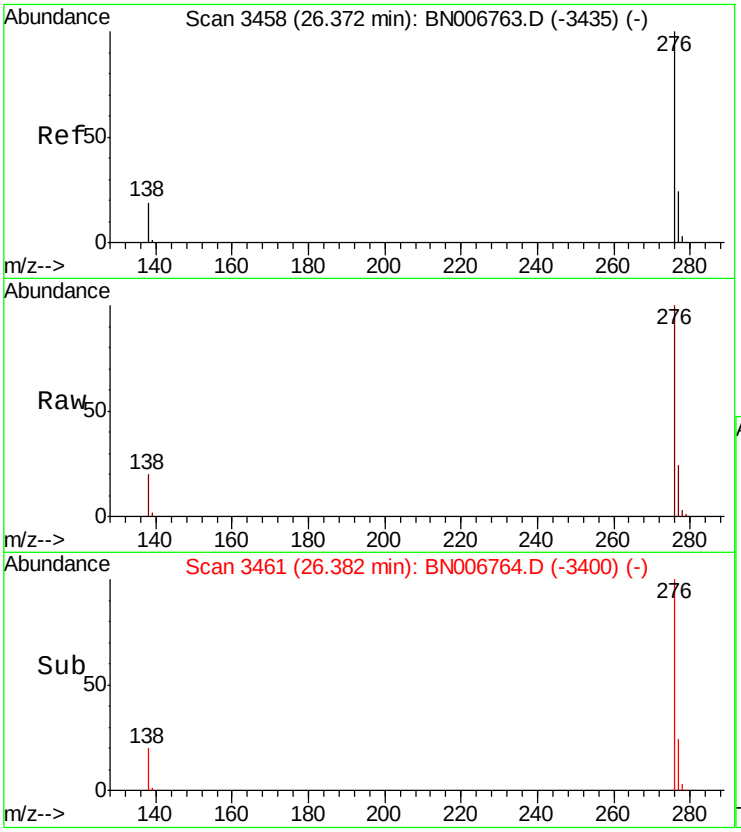


#38
Dibenzo(a,h)anthracene
Concen: 0.769 ng
RT: 25.70 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:278 Resp: 37627

Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.1	19.7
279	24.1	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.781 ng
RT: 26.38 min Scan# 3461
Delta R.T. 0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 39356

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	20.4	16.2	24.4