Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
Data File : BN006691.D
Acq On : 02 Jul 2019 14:36
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Jul 02 17:08:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3470	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	13129	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	7029	0.40	ng		0.00
19) Phenanthrene-d10	17.03	188	15208	0.40	ng		0.00
27) Chrysene-d12	21.26	240	13548	0.40	ng		0.00
34) Perylene-d12	23.51	264	15265	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3652	0.43	ng		0.00
5) Phenol-d6	6.83	99	4546	0.40	ng		0.00
8) Nitrobenzene-d5	8.79	82	3861	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	8159	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1293	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	11358	0.44	ng		0.00
25) Fluoranthene-d10	19.08	212	18386	0.41	ng		0.00
29) Terphenyl-d14	19.68	244	13001	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	2171	0.452	ng		97
3) n-Nitrosodimethylamine	3.50	42	1520	0.403	ng		96
6) bis(2-Chloroethyl)ether	7.06	93	3601	0.358	ng		100
9) Naphthalene	10.44	128	14951	0.433	ng		100
10) Hexachlorobutadiene	10.72	225	3165	0.446	ng	#	100
12) 2-Methylnaphthalene	12.07	142	10101	0.424	ng		100
16) Acenaphthylene	13.99	152	14250	0.425	ng		100
17) Acenaphthene	14.33	154	9516	0.431	ng		99
18) Fluorene	15.32	166	11626	0.417	ng		100
20) 4-Bromophenyl-phenylether	16.22	248	3610	0.428	ng		100
21) Hexachlorobenzene	16.33	284	4533	0.426	ng		100
22) Pentachlorophenol	16.76	266	421	0.248	ng		100
23) Phenanthrene	17.07	178	17946	0.415	ng		100
24) Anthracene	17.16	178	15939	0.425	ng		100
26) Fluoranthene	19.11	202	21853	0.416	ng		100
28) Pyrene	19.47	202	22714	0.479	ng		100
30) Benzo(a)anthracene	21.25	228	20142	0.455	ng		100
31) Chrysene	21.30	228	20119	0.421	ng		100
32) Bis(2-ethylhexyl)phthalate	21.16	149	35466	1.591	ng		100
33) Indeno(1,2,3-cd)pyrene	25.75	276	25196	0.521	ng		100
35) Benzo(b)fluoranthene	22.84	252	20884	0.402	ng		100
36) Benzo(k)fluoranthene	22.88	252	22567	0.408	ng		100
37) Benzo(a)pyrene	23.41	252	20724	0.427	ng		100
38) Dibenzo(a,h)anthracene	25.75	278	20263	0.478	ng		100
39) Benzo(g,h,i)perylene	26.43	276	20760	0.490	ng		100

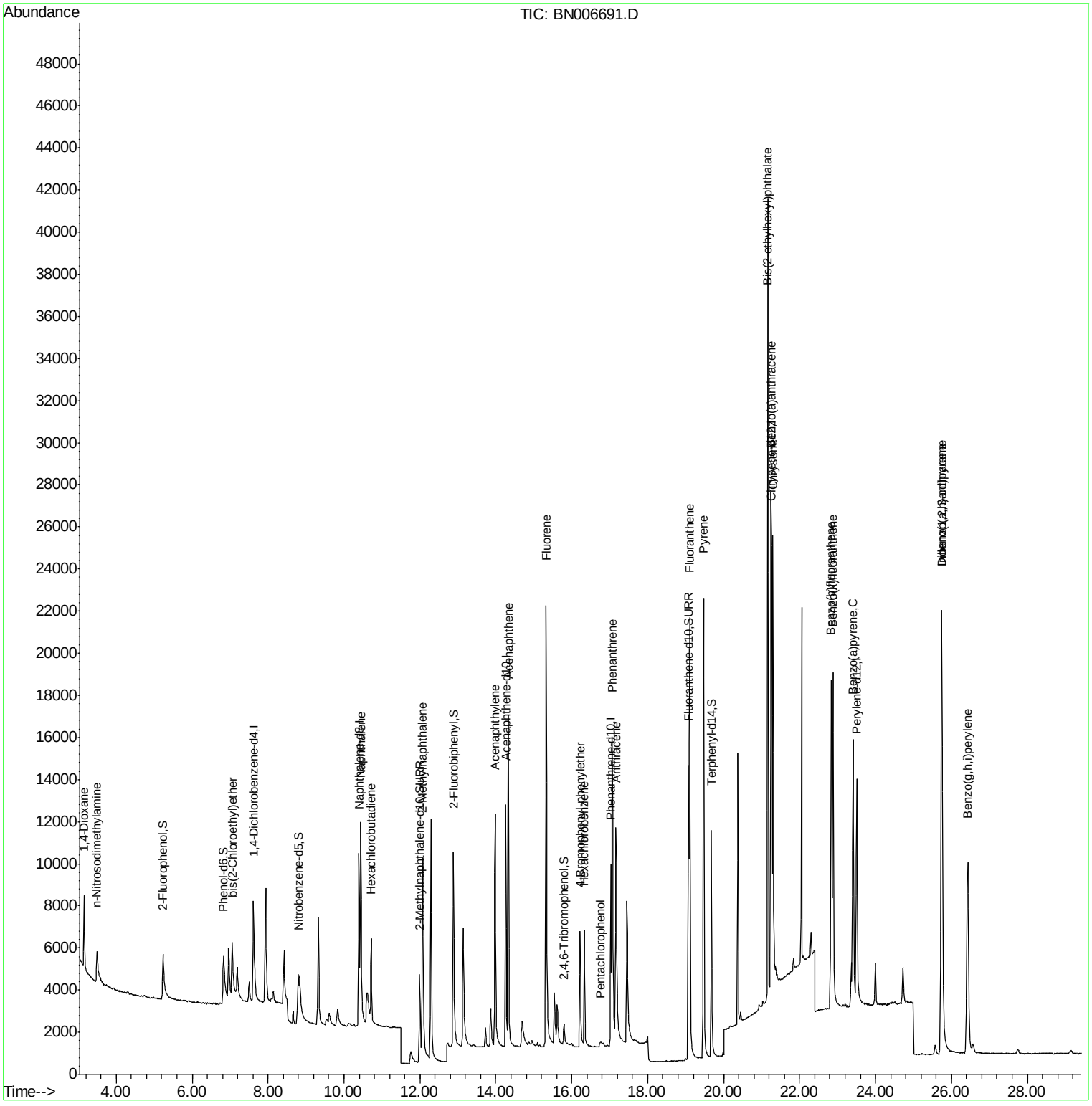
(#) = qualifier out of range (m) = manual integration (+) = signals summed

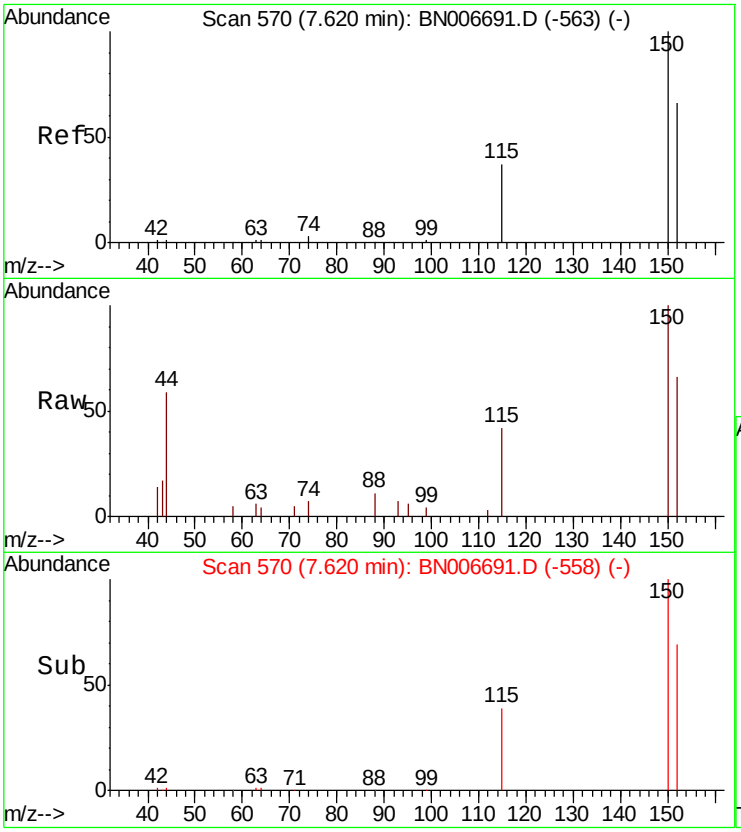
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
Data File : BN006691.D
Acq On : 02 Jul 2019 14:36
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jul 02 17:08:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:02:12 2019
Response via : Initial Calibration



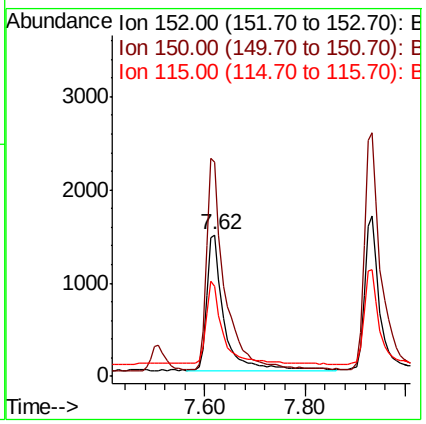


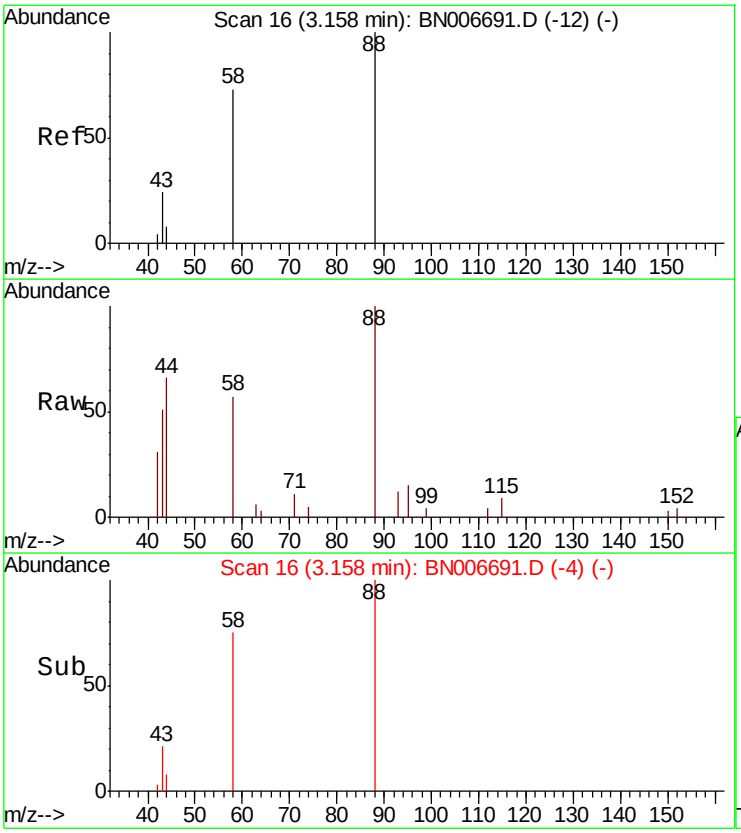
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 3470

Ion	Ratio	Lower	Upper
152	100		
150	150.8	120.6	181.0
115	63.7	51.0	76.6

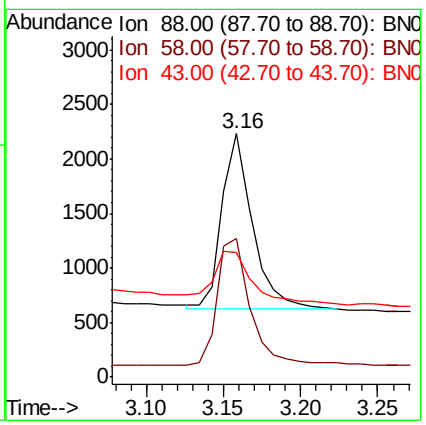


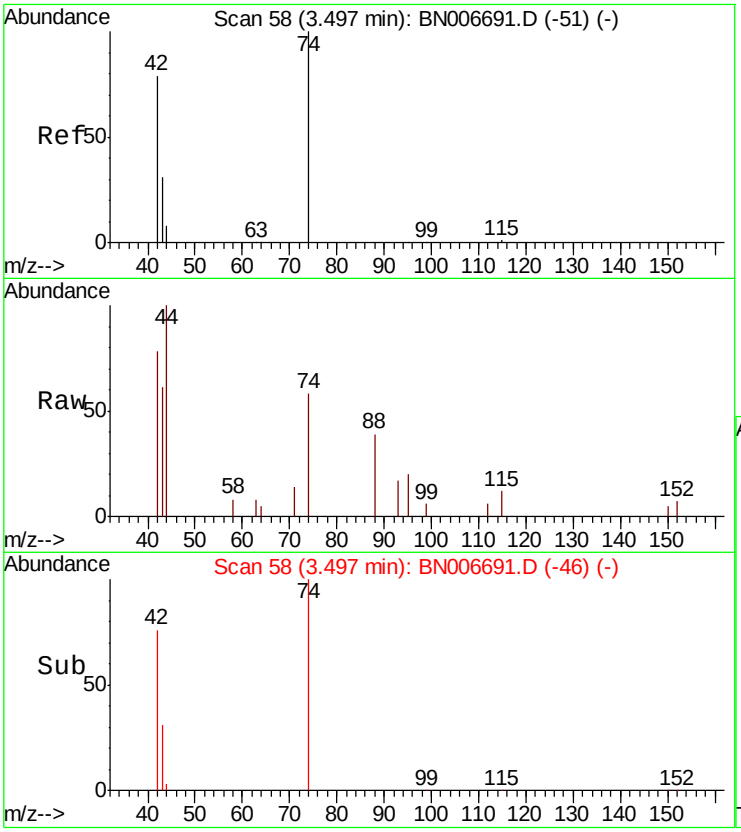


#2
1,4-Dioxane
Concen: 0.452 ng
RT: 3.16 min Scan# 16
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion: 88 Resp: 2171

Ion	Ratio	Lower	Upper
88	100		
58	78.8	61.1	91.7
43	38.9	32.4	48.6



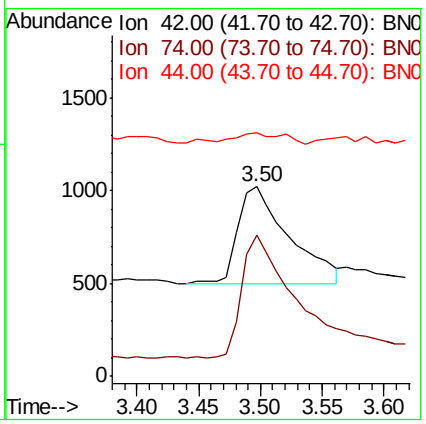


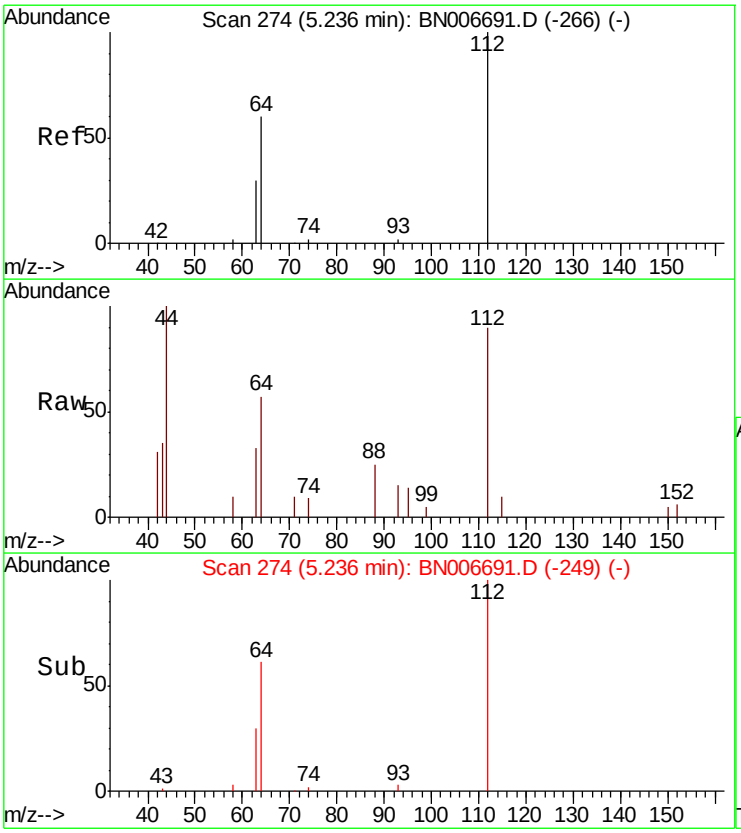
#3
n-Nitrosodimethylamine
Concen: 0.403 ng
RT: 3.50 min Scan# 58
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1520

Ion	Ratio	Lower	Upper
42	100		
74	128.6	106.6	160.0
44	10.0	8.0	12.0

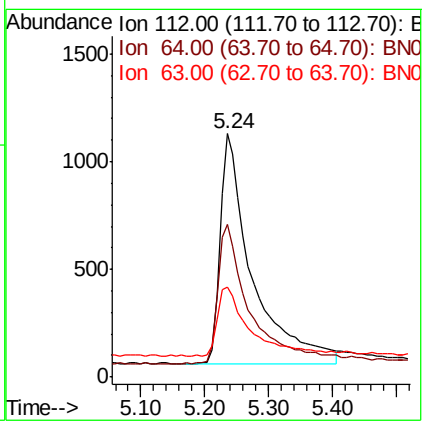


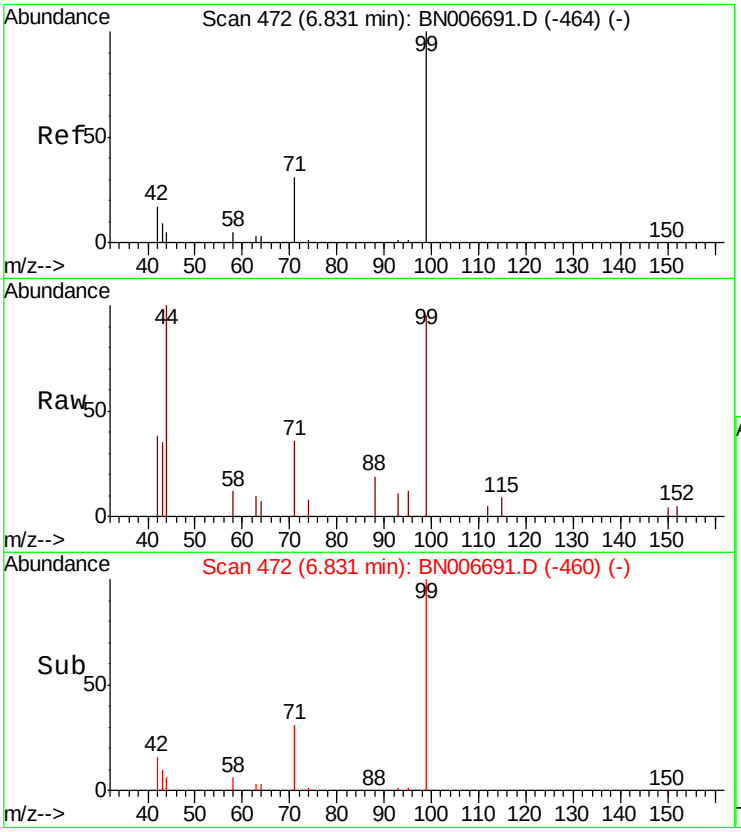


#4
2-Fluorophenol
Concen: 0.429 ng
RT: 5.24 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:112 Resp: 3652

Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.8	74.6
63	32.2	25.8	38.6



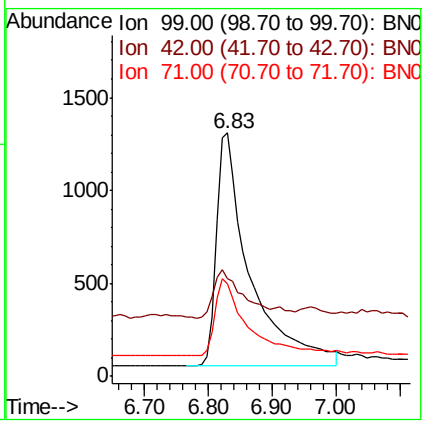


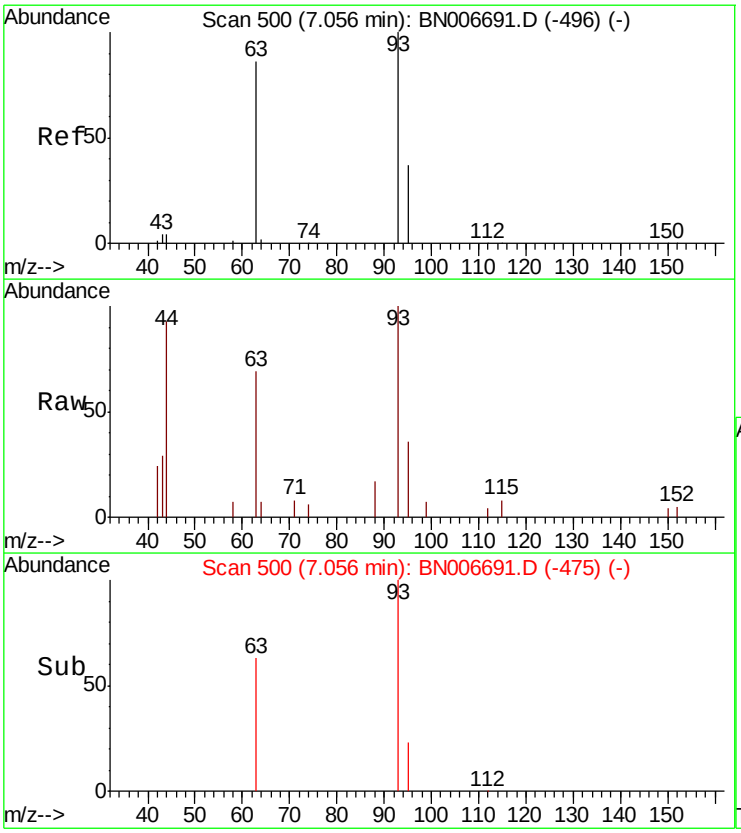
#5
Phenol-d6
Concen: 0.404 ng
RT: 6.83 min Scan# 472
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 4546

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	25.0
71	32.2	26.0	39.0

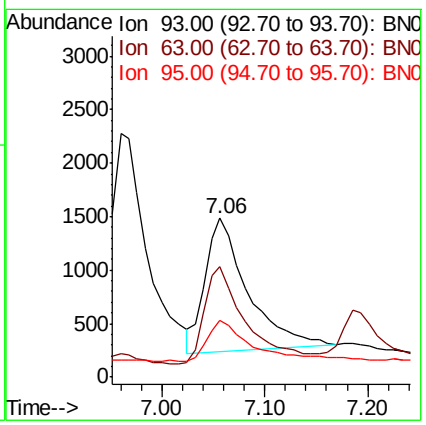


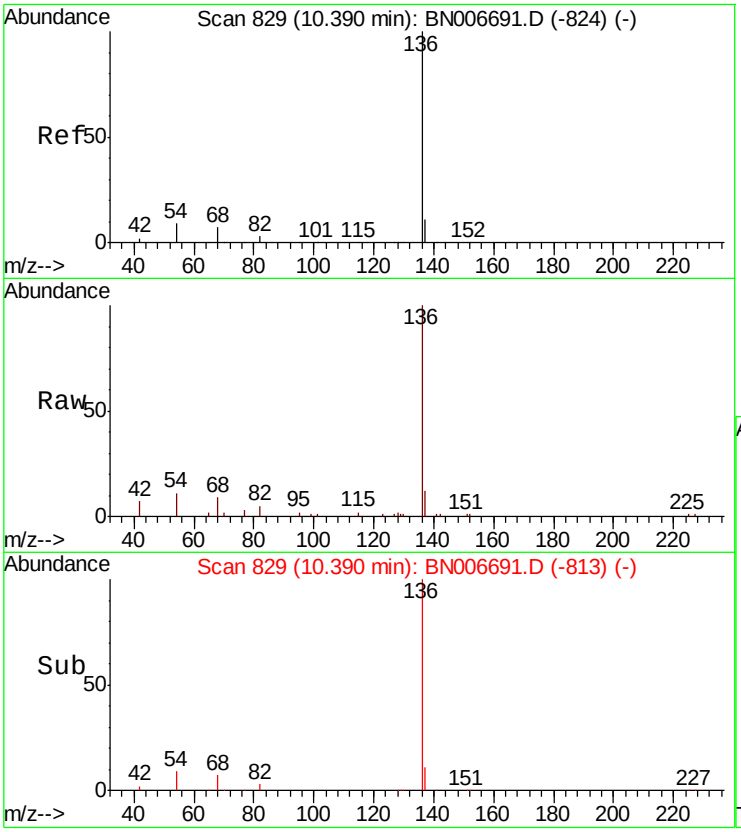


#6
bis(2-Chloroethyl)ether
Concen: 0.358 ng
RT: 7.06 min Scan# 500
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion: 93 Resp: 3601

Ion	Ratio	Lower	Upper
93	100		
63	73.2	58.6	87.8
95	35.4	28.3	42.5



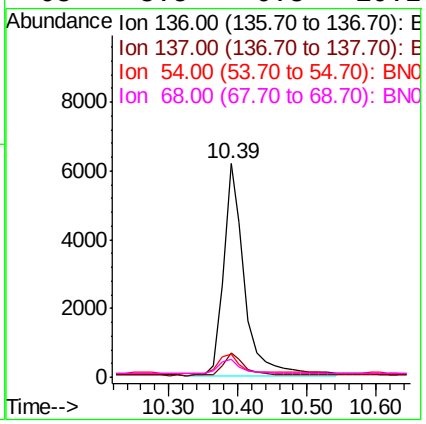


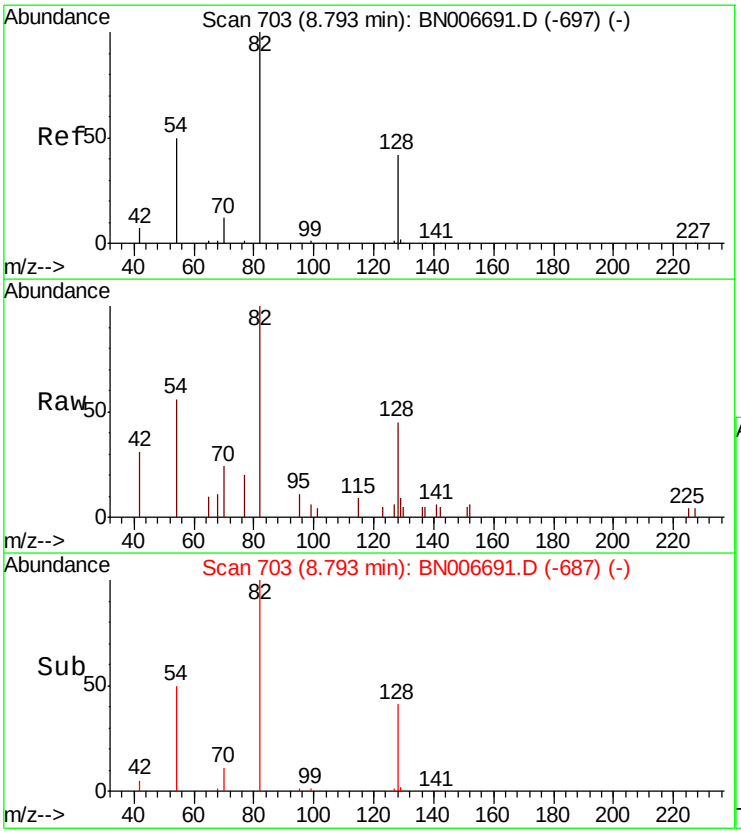
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 13129

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	10.5	8.4	12.6
68	8.5	6.8	10.2

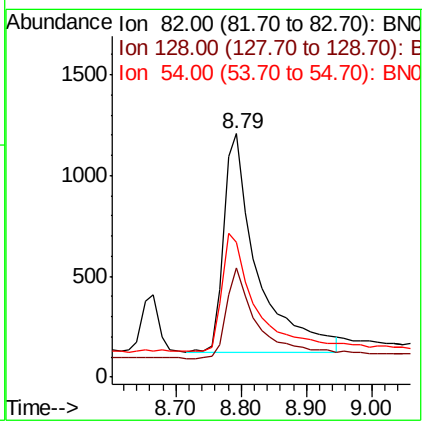


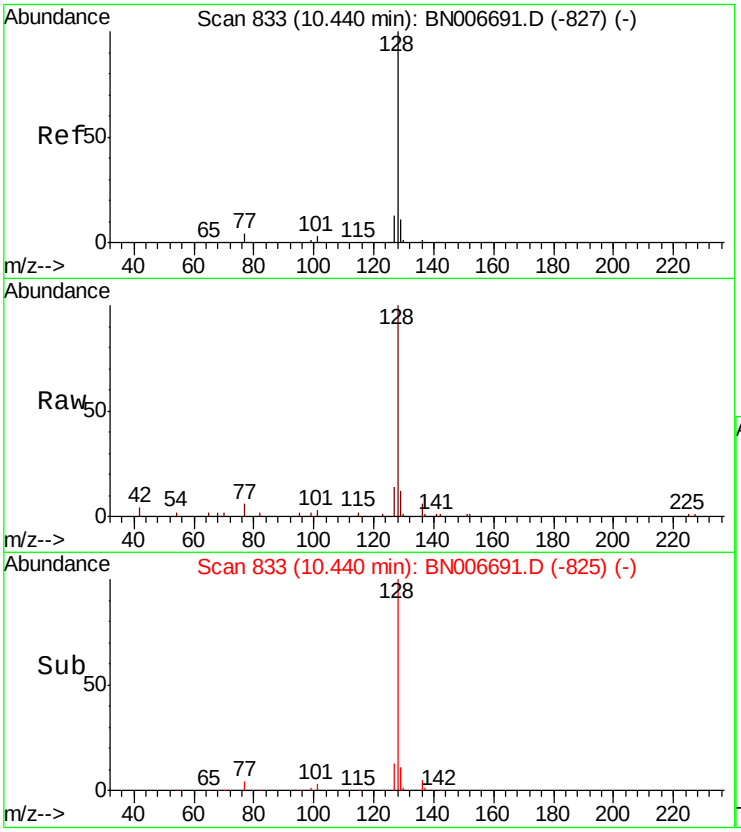


#8
Nitrobenzene-d5
Concen: 0.437 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion: 82 Resp: 3861

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	55.6	44.5	66.7



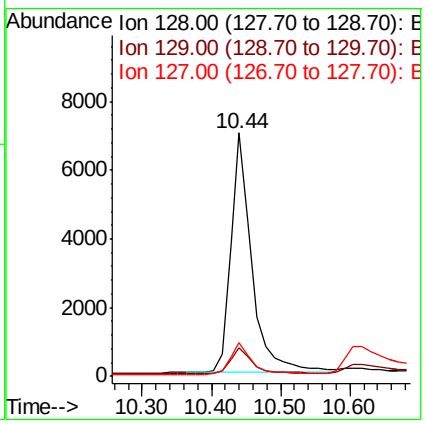


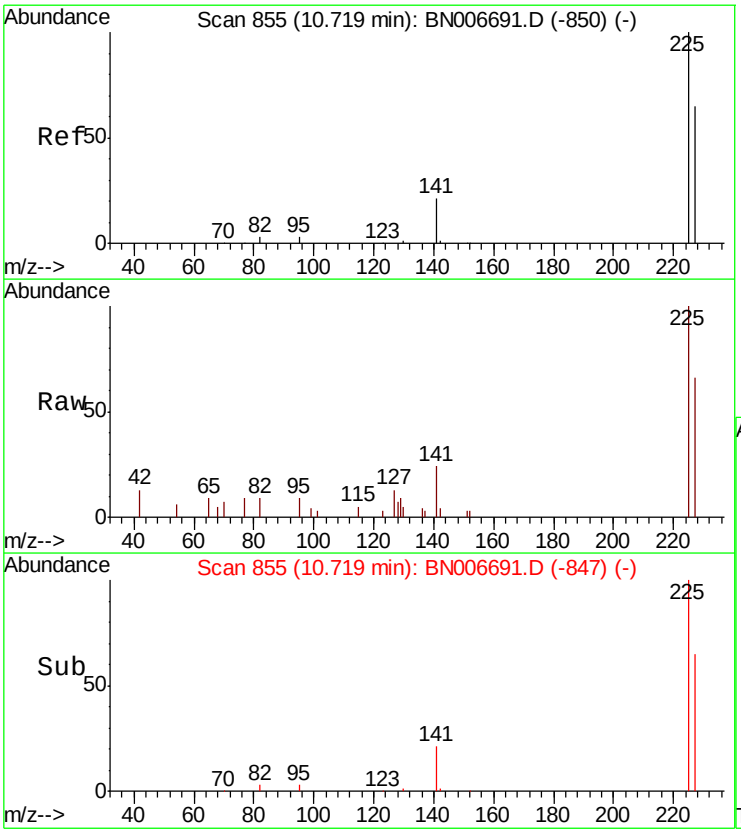
#9
Naphthalene
Concen: 0.433 ng
RT: 10.44 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 14951

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

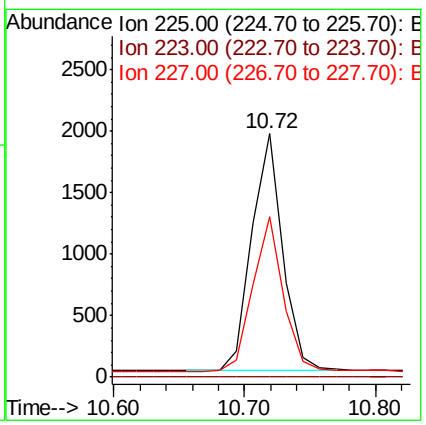


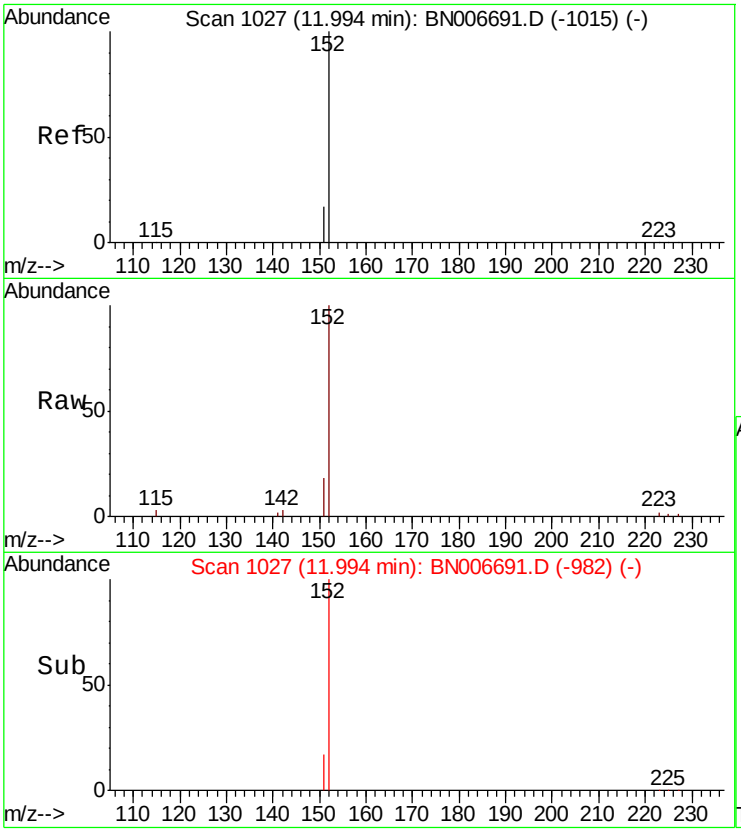


#10
Hexachlorobutadiene
Concen: 0.446 ng
RT: 10.72 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:225 Resp: 3165

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.9	76.3



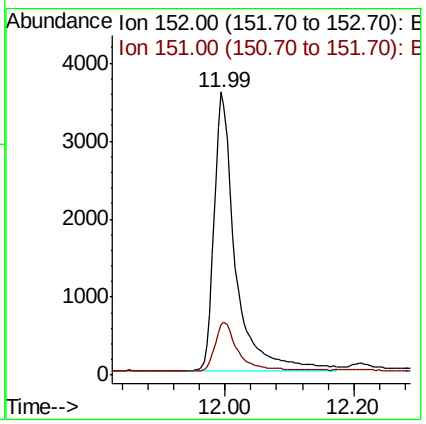


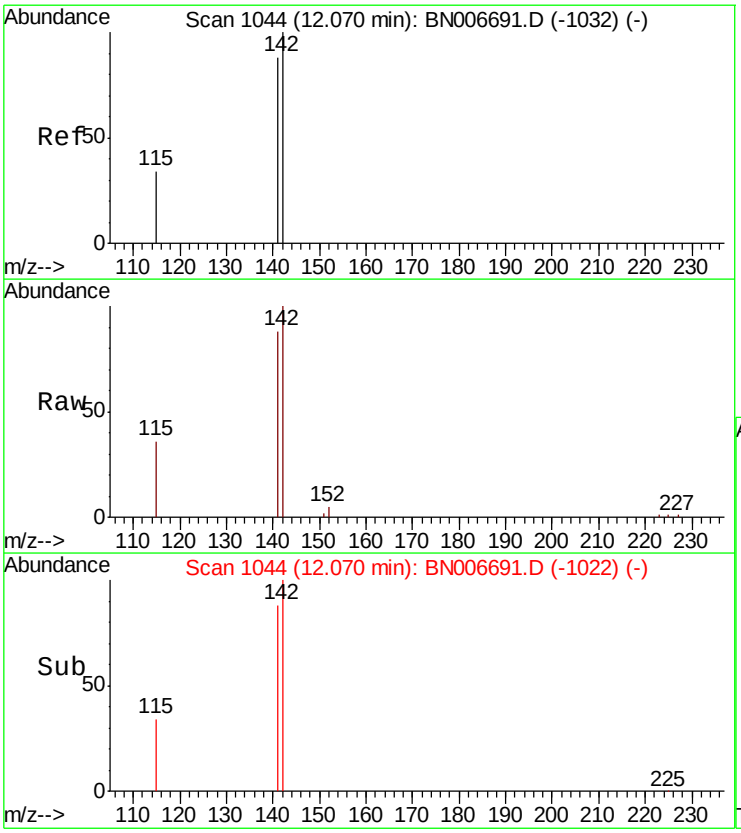
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 11.99 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 8159

Ion	Ratio	Lower	Upper
152	100		
151	18.6	14.9	22.3

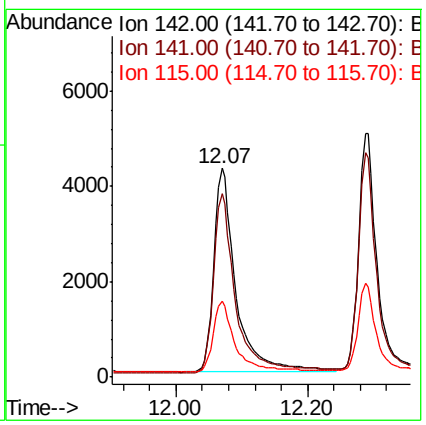


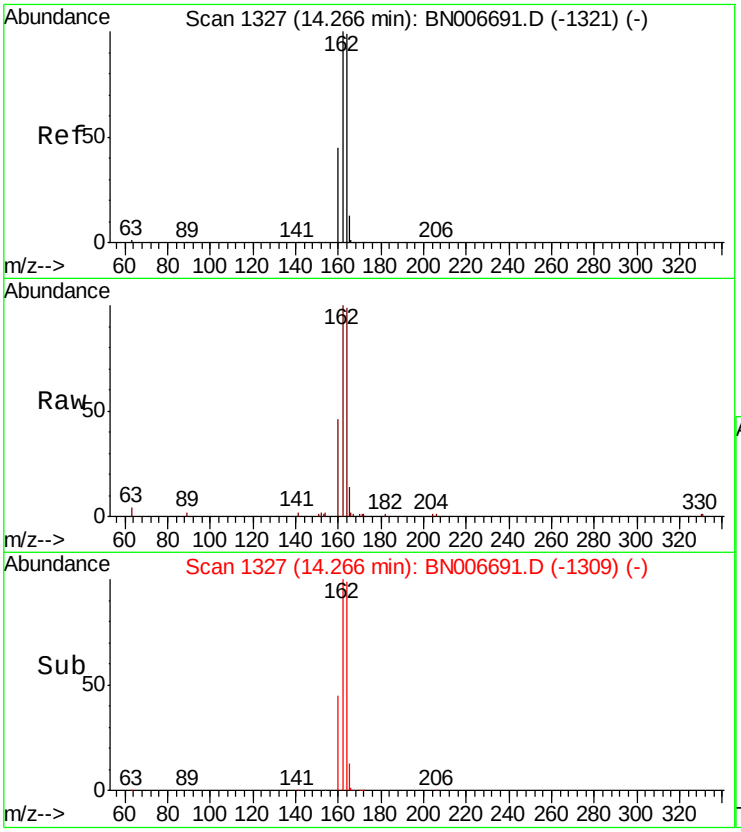


#12
2-Methylnaphthalene
Concen: 0.424 ng
RT: 12.07 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:142 Resp: 10101

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	36.1	28.9	43.3



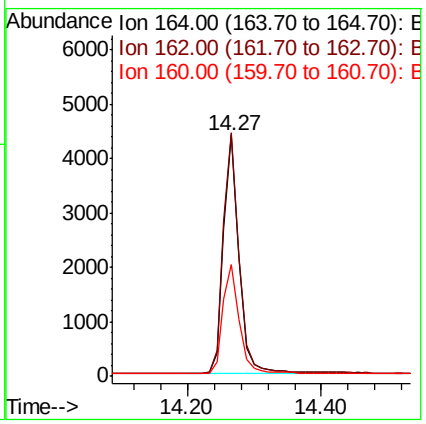


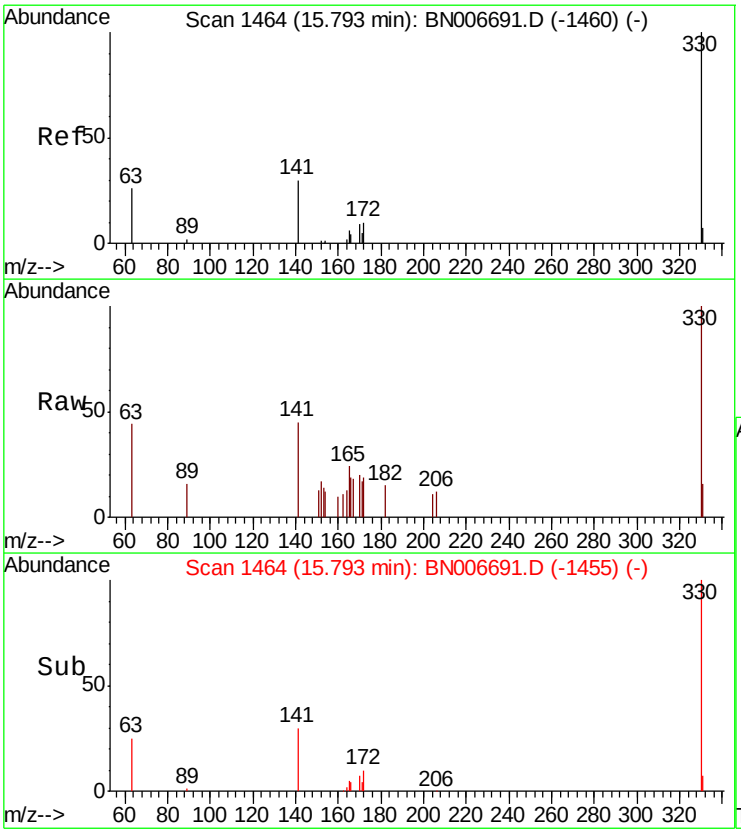
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 7029

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.8	121.2
160	46.3	37.0	55.6

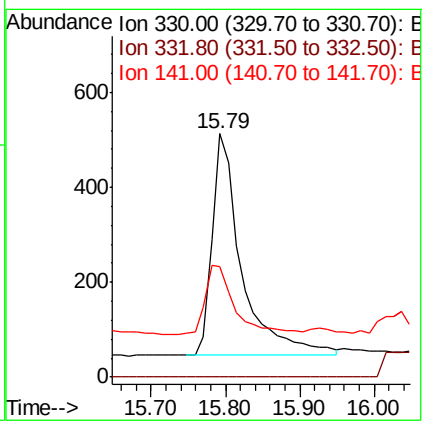


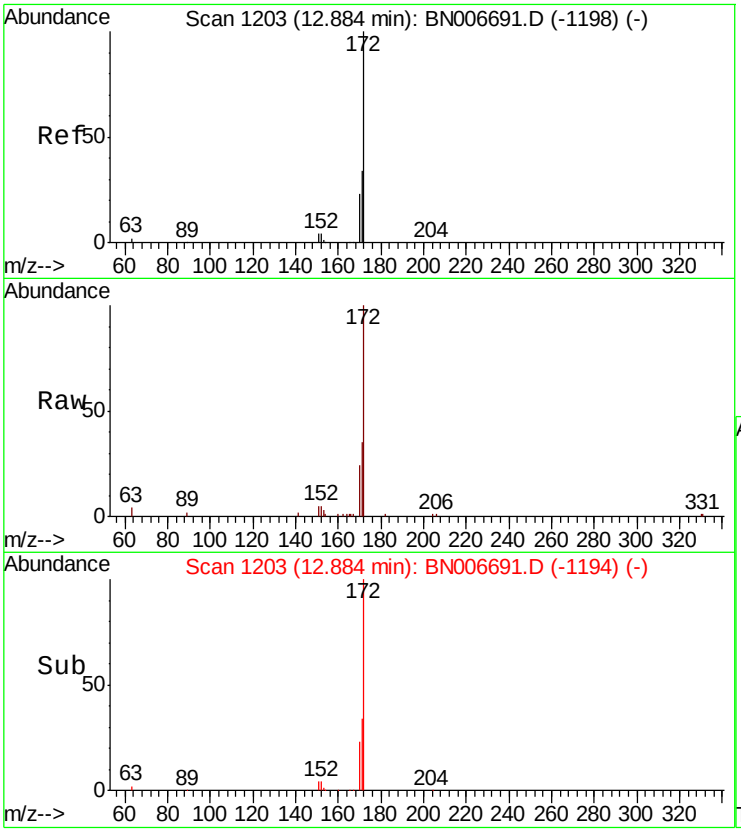


#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.79 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:330 Resp: 1293

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.5	24.8	37.2



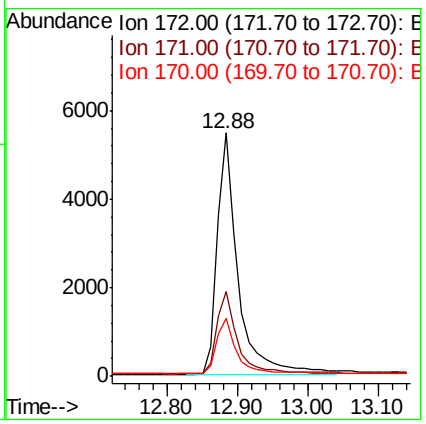


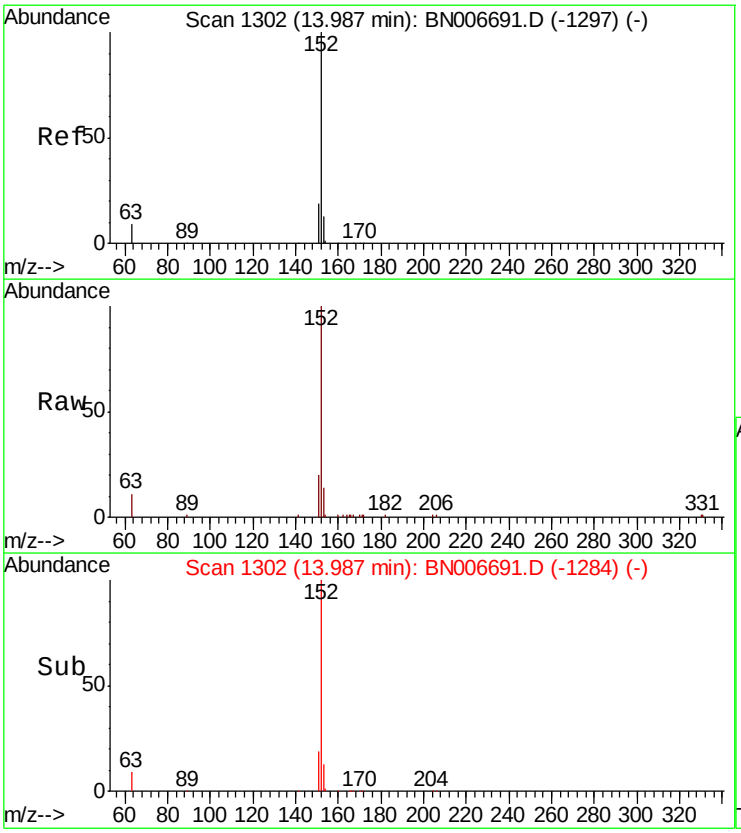
#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 11358

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.6	18.9	28.3

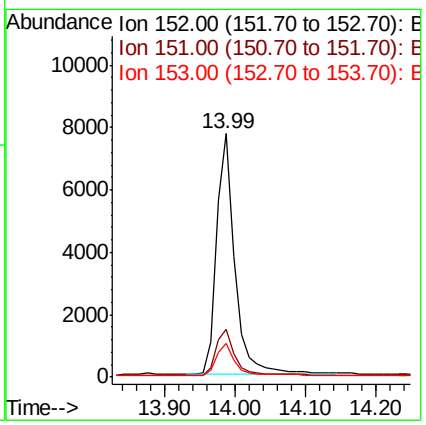


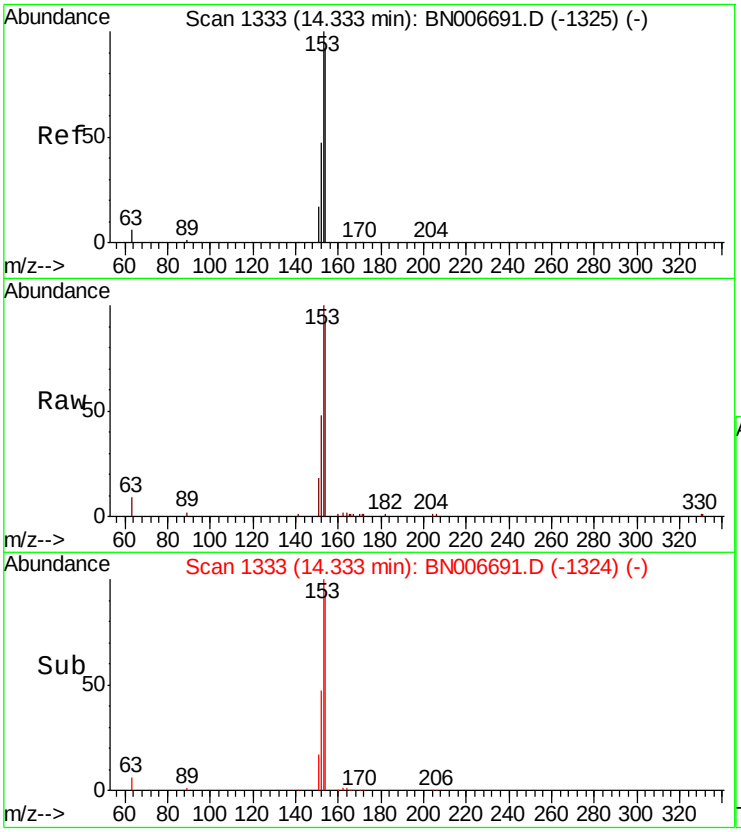


#16
Acenaphthylene
Concen: 0.425 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:152 Resp: 14250

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.2	10.6	15.8



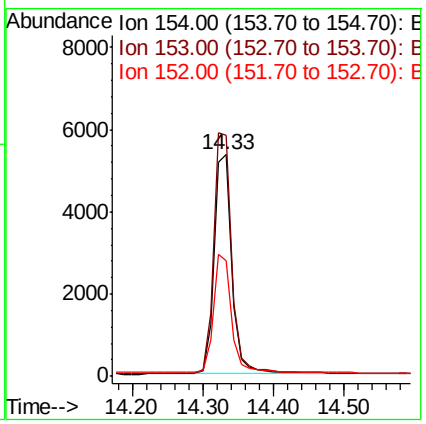


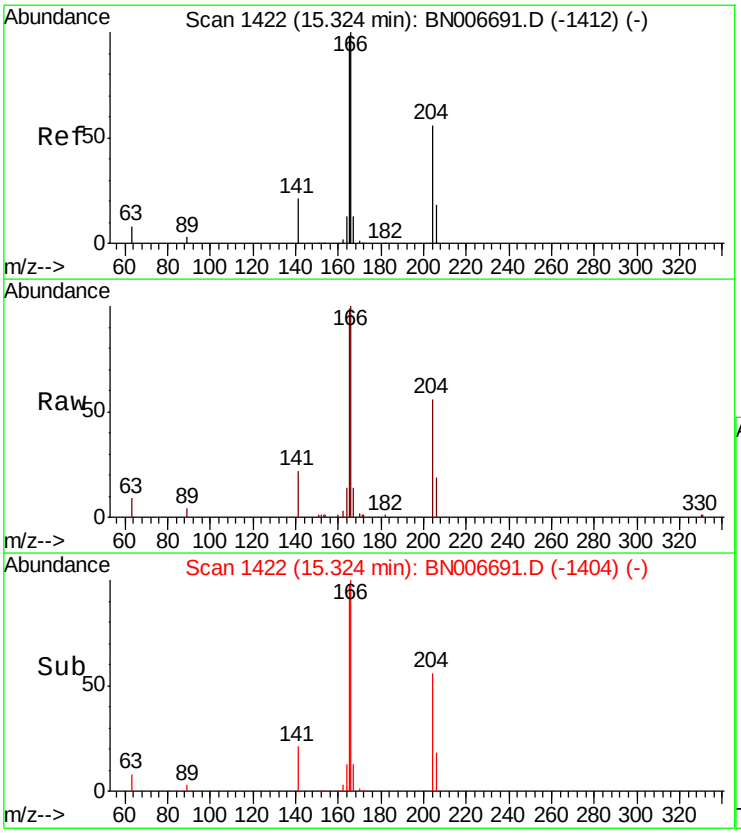
#17
Acenaphthene
Concen: 0.431 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 9516

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.9	133.3
152	54.2	42.8	64.2

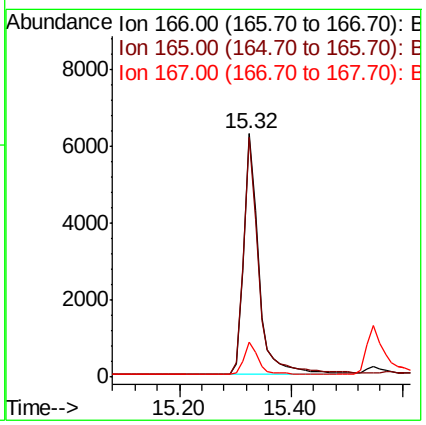


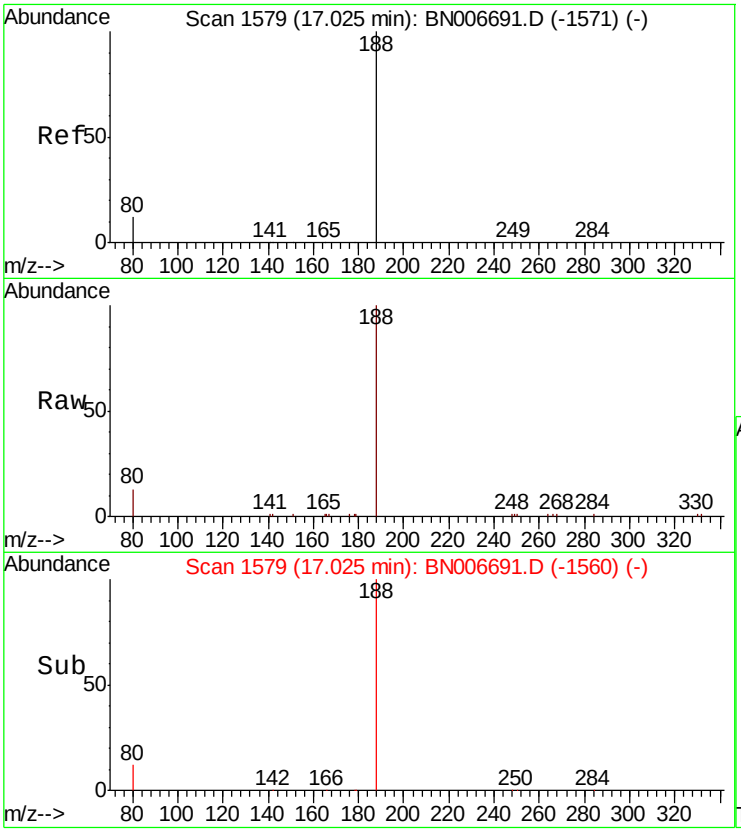


#18
Fluorene
Concen: 0.417 ng
RT: 15.32 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:166 Resp: 11626

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.0	117.0
167	13.4	10.7	16.1



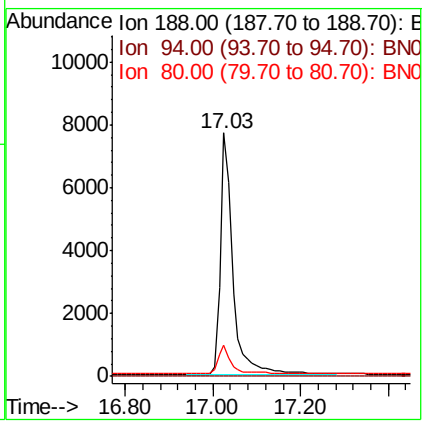


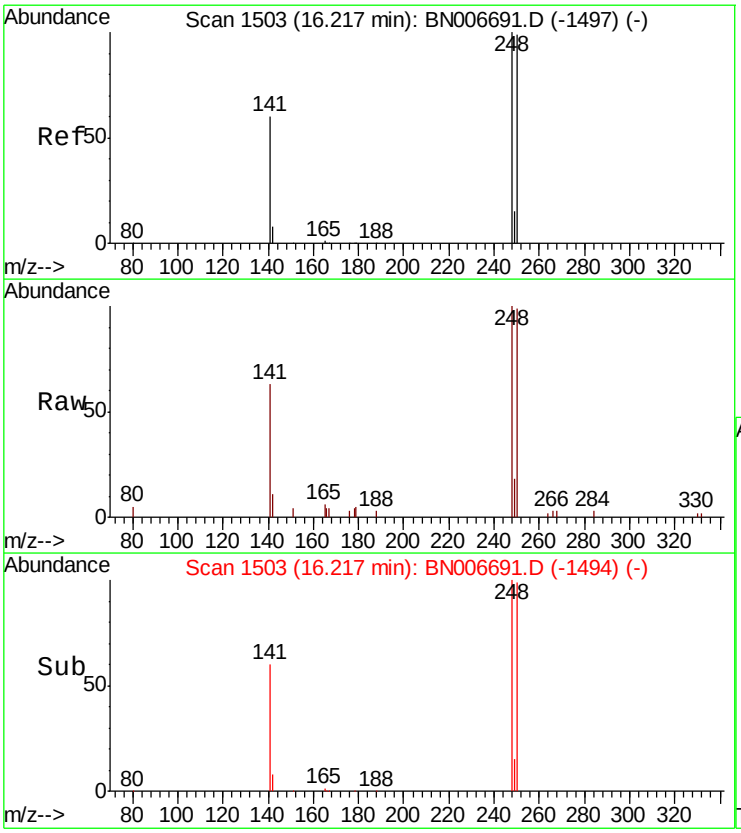
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 15208

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	10.3	15.5

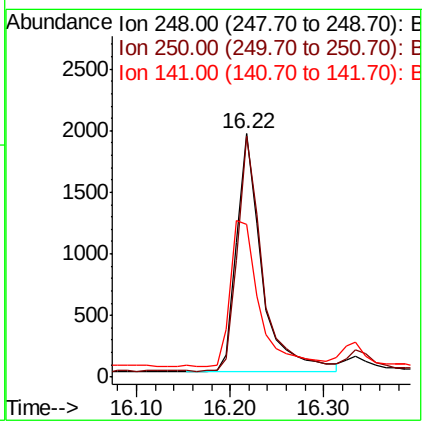


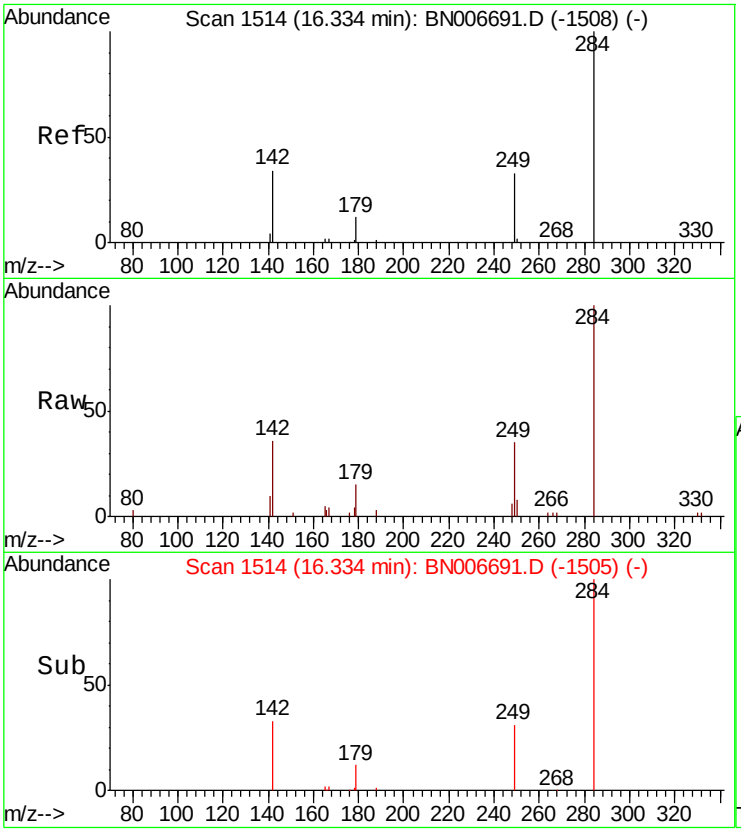


#20
4-Bromophenyl-phenylether
Concen: 0.428 ng
RT: 16.22 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:248 Resp: 3610

Ion	Ratio	Lower	Upper
248	100		
250	98.8	79.0	118.6
141	62.8	50.2	75.4



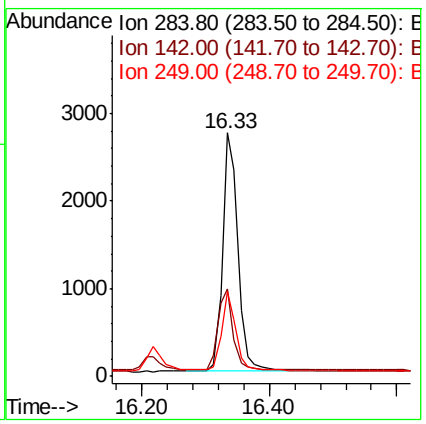


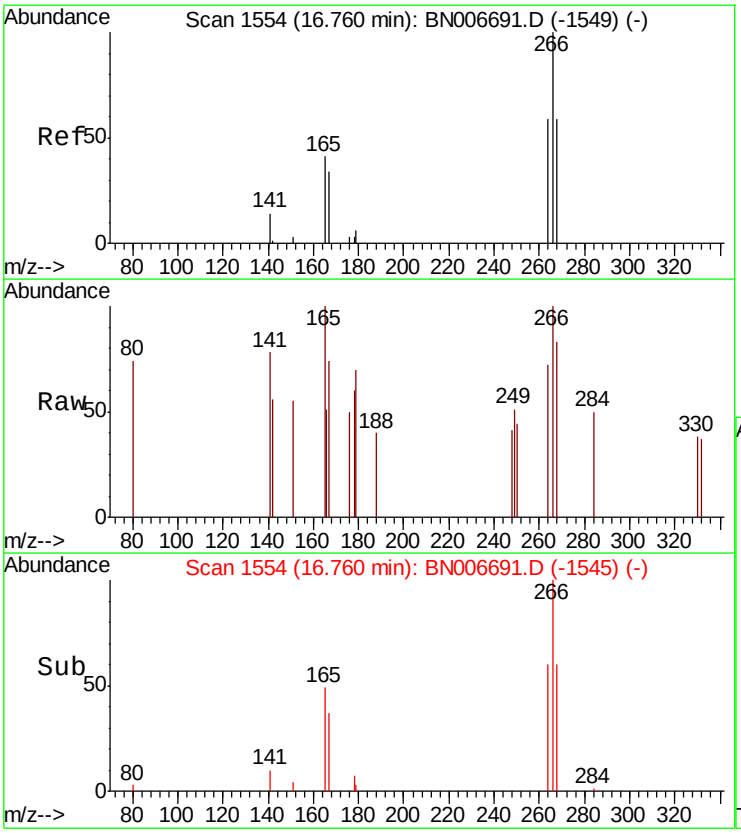
#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.33 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 4533

Ion	Ratio	Lower	Upper
284	100		
142	33.6	26.9	40.3
249	30.5	24.4	36.6

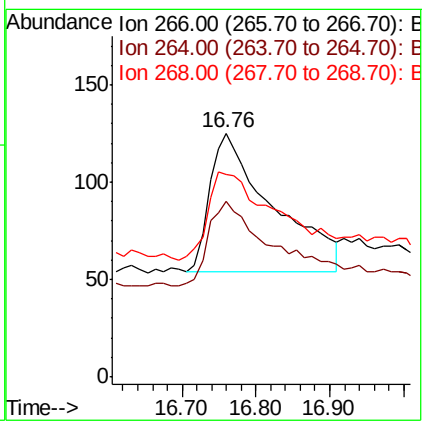


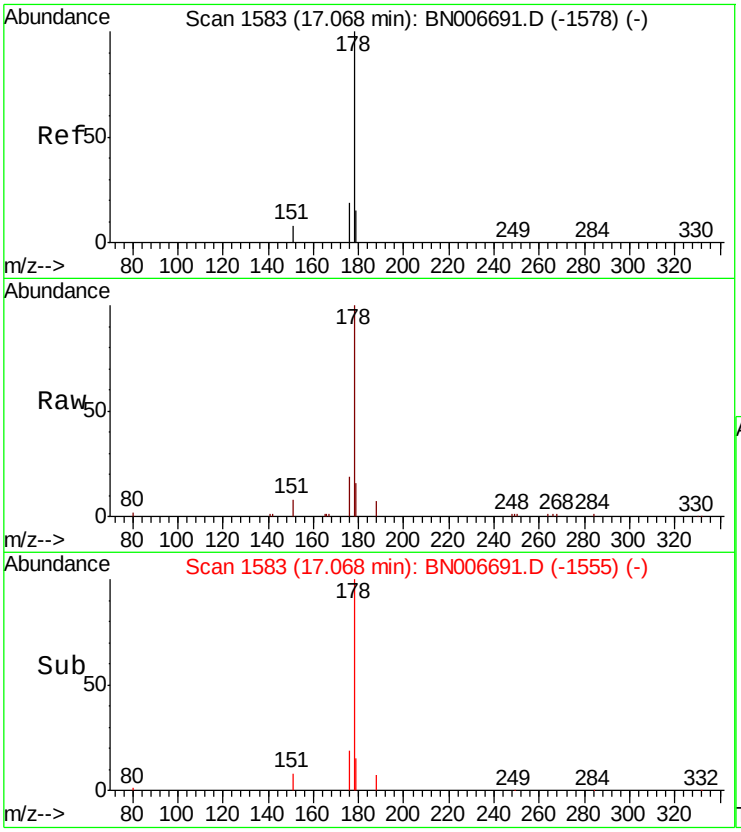


#22
Pentachlorophenol
Concen: 0.248 ng
RT: 16.76 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:266 Resp: 421

Ion	Ratio	Lower	Upper
266	100		
264	72.0	57.6	86.4
268	83.2	66.6	99.8



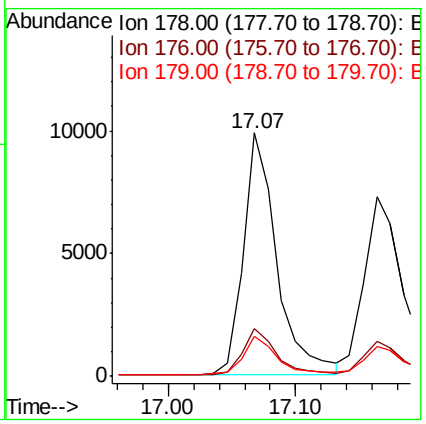


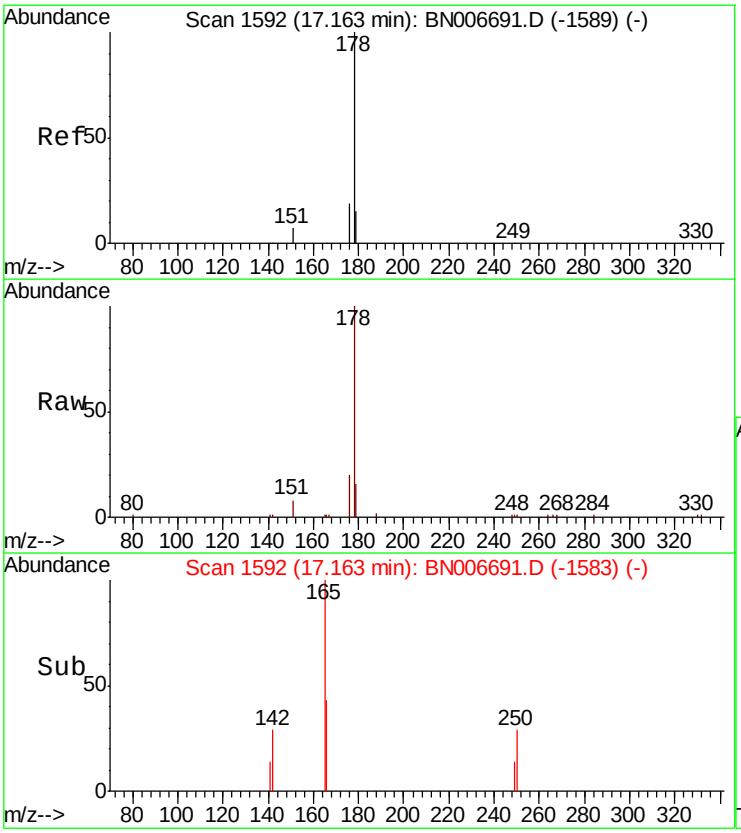
#23
Phenanthrene
Concen: 0.415 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 17946

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.4	18.6

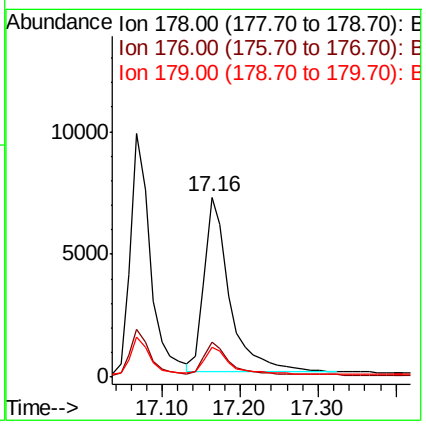


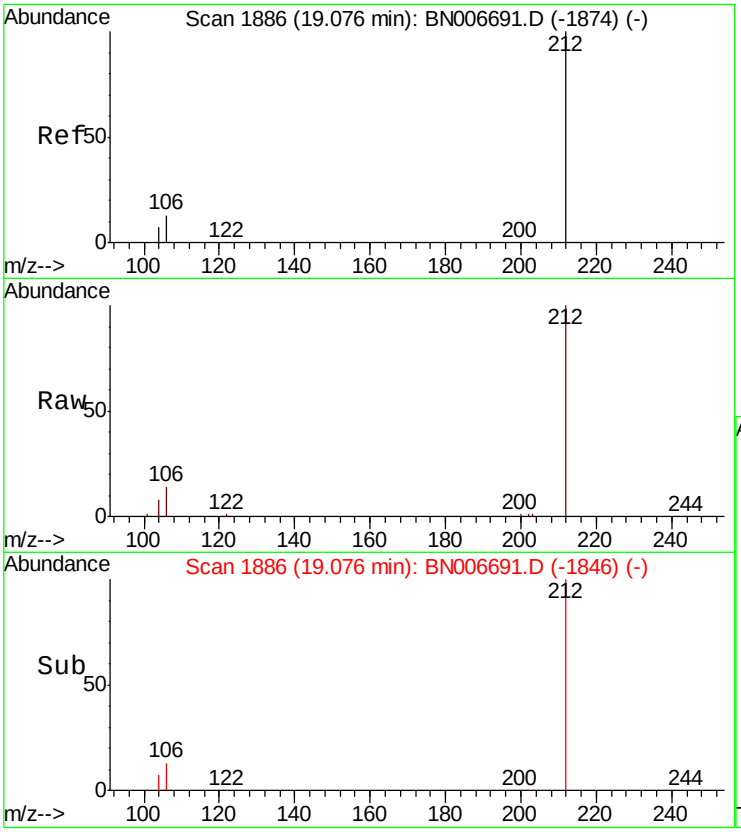


#24
Anthracene
Concen: 0.425 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:178 Resp: 15939

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.1	11.9	17.9



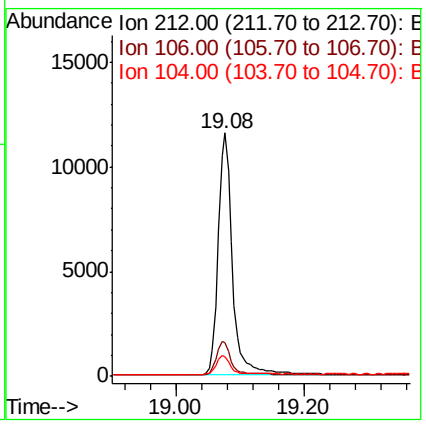


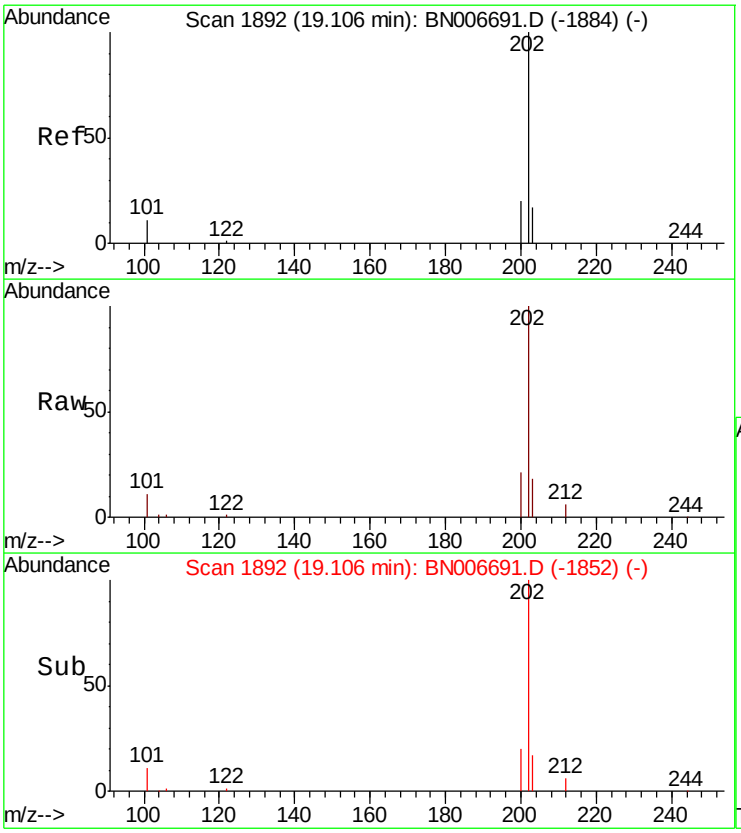
#25
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 18386

Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.0	16.6
104	7.6	6.1	9.1

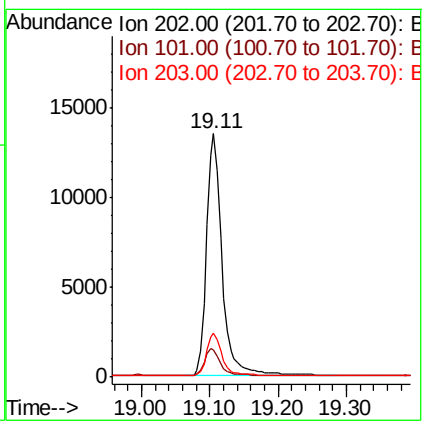


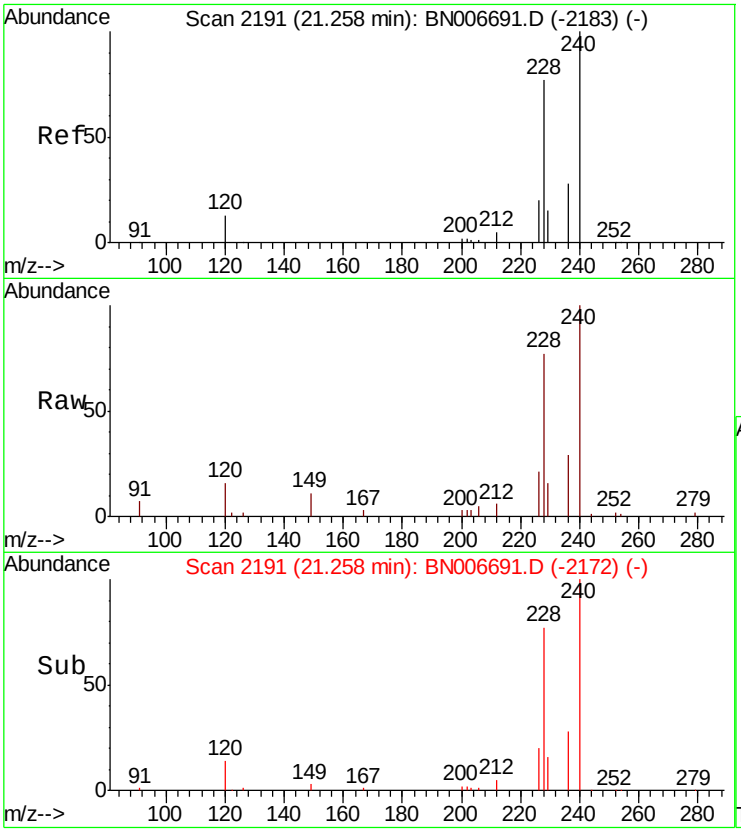


#26
Fluoranthene
Concen: 0.416 ng
RT: 19.11 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:202 Resp: 21853

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.7	13.1
203	17.1	13.8	20.6



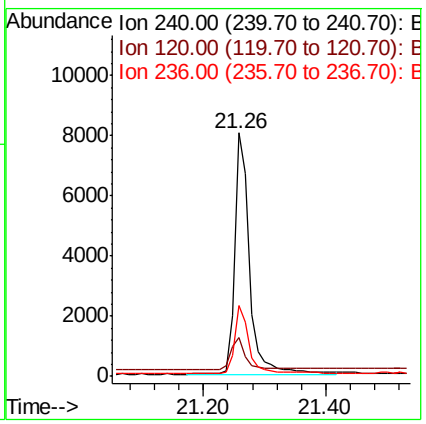


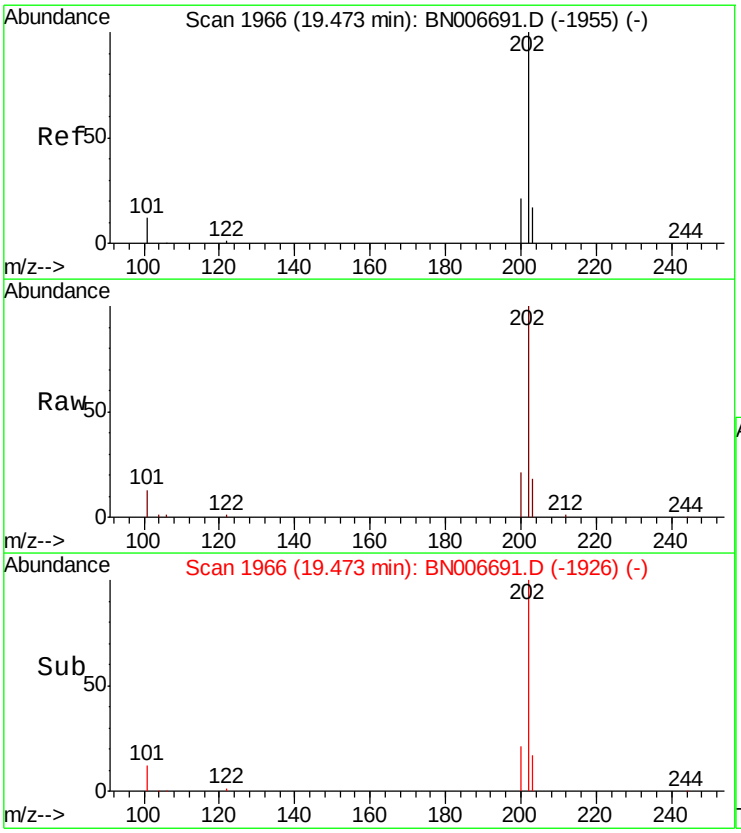
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 13548

Ion	Ratio	Lower	Upper
240	100		
120	16.1	12.9	19.3
236	29.0	23.2	34.8

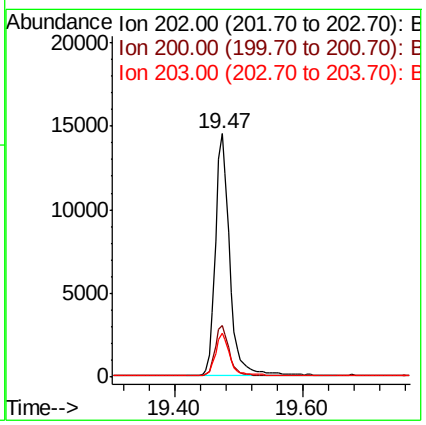


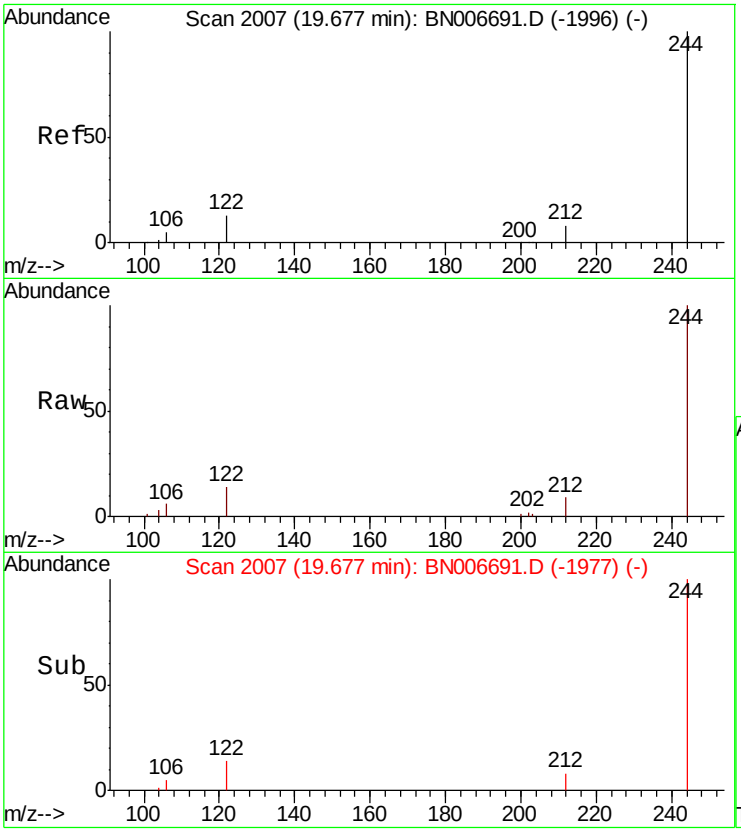


#28
Pyrene
Concen: 0.479 ng
RT: 19.47 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:202 Resp: 22714

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.6	14.2	21.2



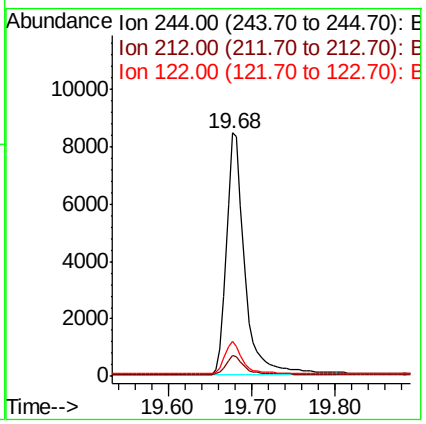


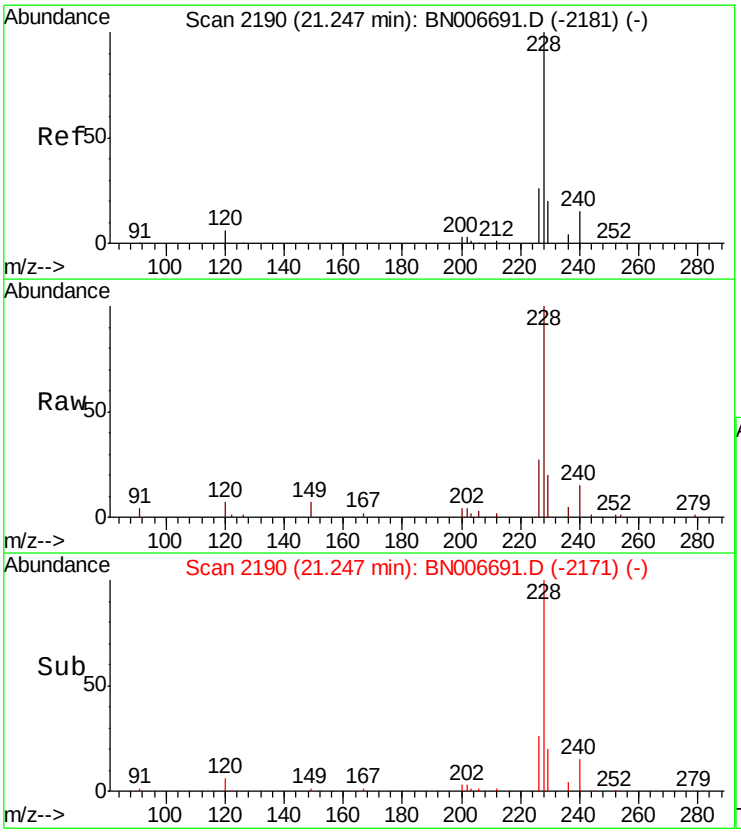
#29
Terphenyl-d14
Concen: 0.458 ng
RT: 19.68 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 13001

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	14.4	11.5	17.3

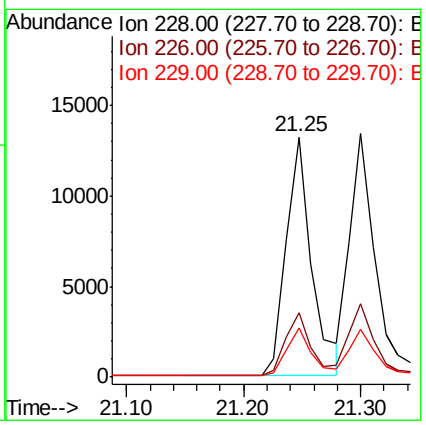


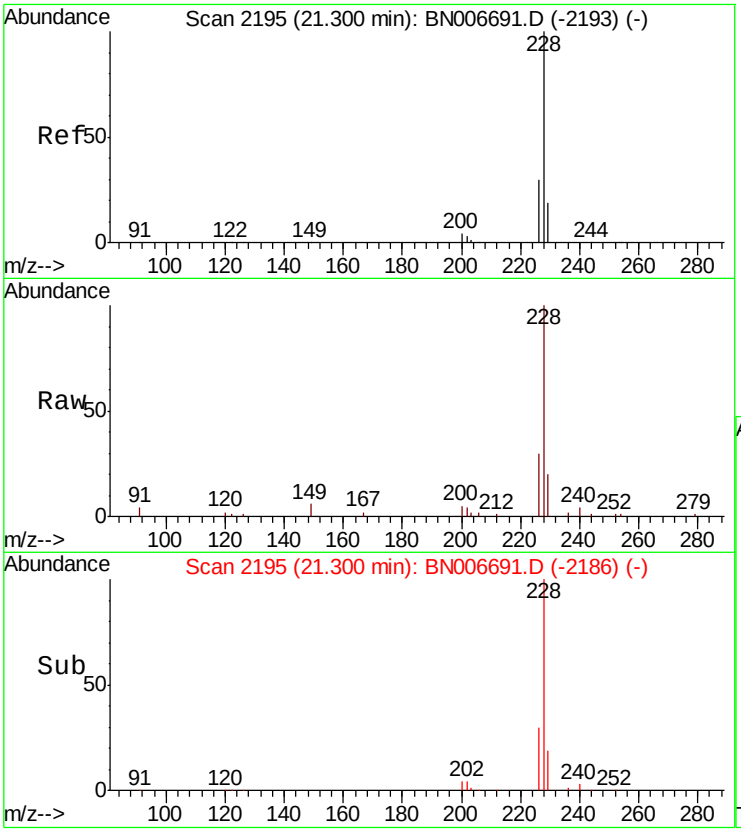


#30
Benzo(a)anthracene
Concen: 0.455 ng
RT: 21.25 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:228 Resp: 20142

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.5	32.3
229	20.3	16.2	24.4



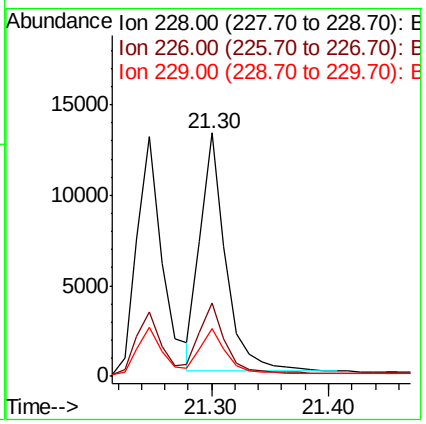


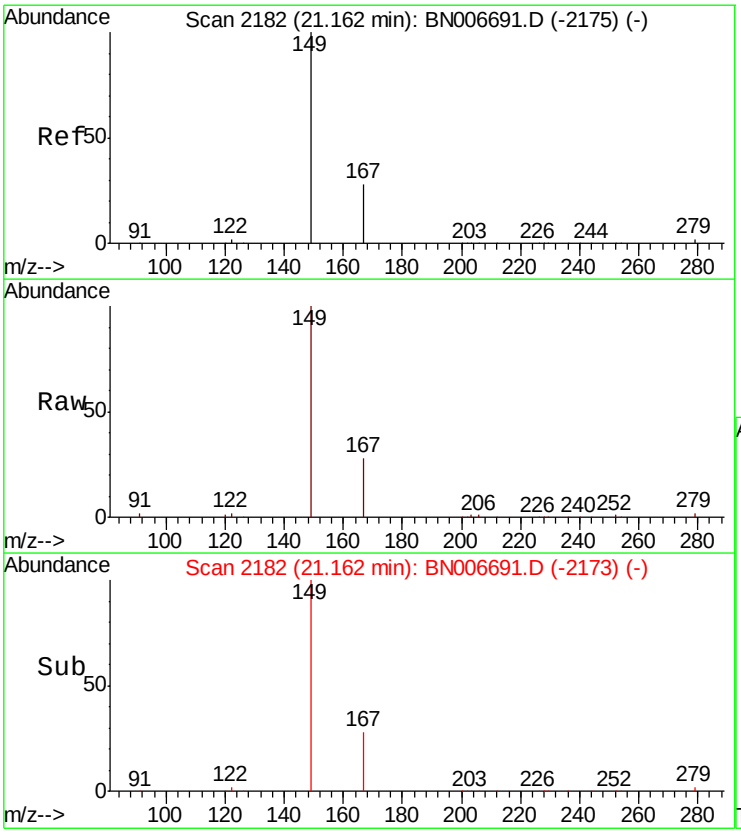
#31
Chrysene
Concen: 0.421 ng
RT: 21.30 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 20119

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.7	15.8	23.6

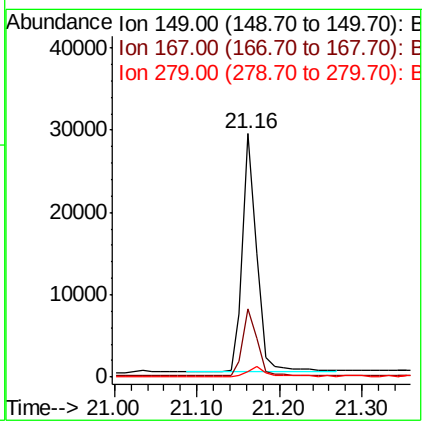


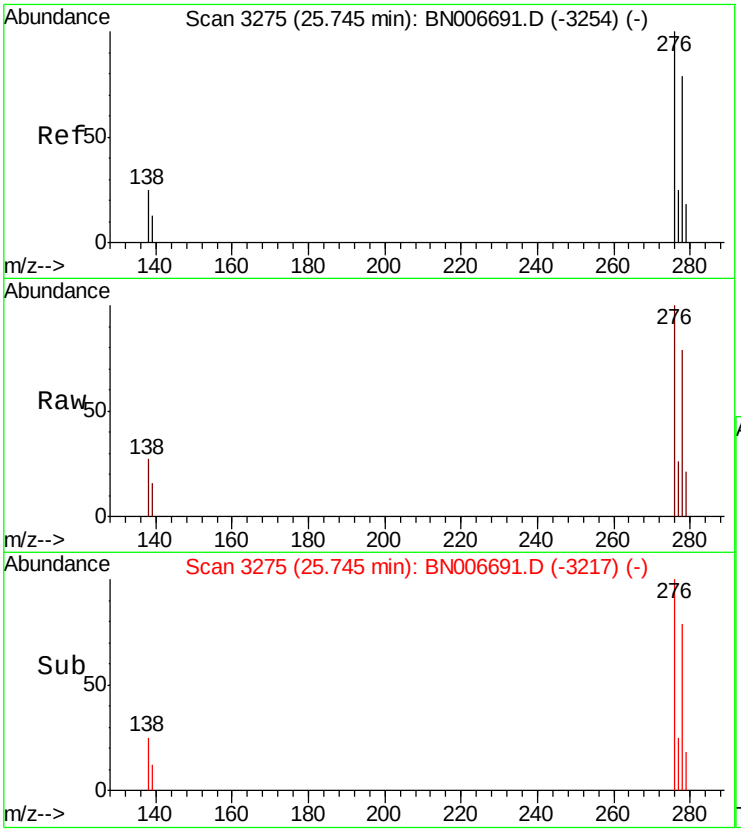


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.591 ng
RT: 21.16 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:149 Resp: 35466

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	4.0	3.2	4.8



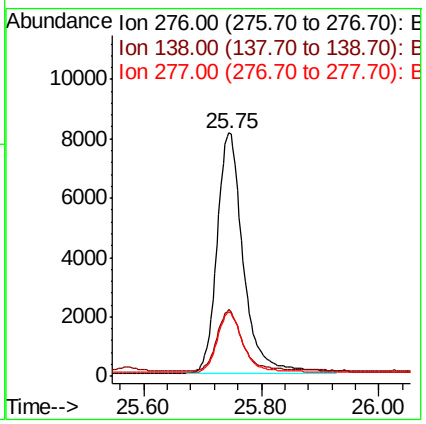


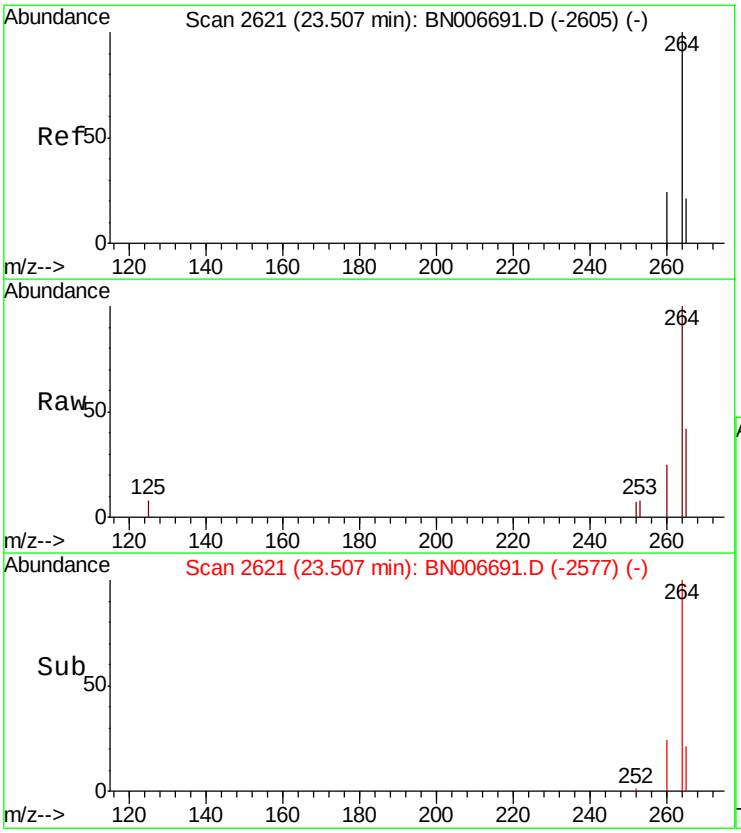
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.521 ng
RT: 25.75 min Scan# 3275
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 25196

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.5	29.3
277	24.6	19.7	29.5

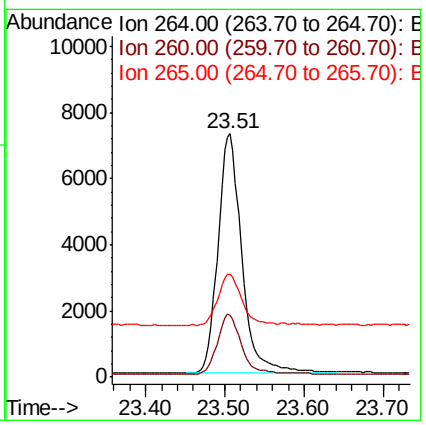


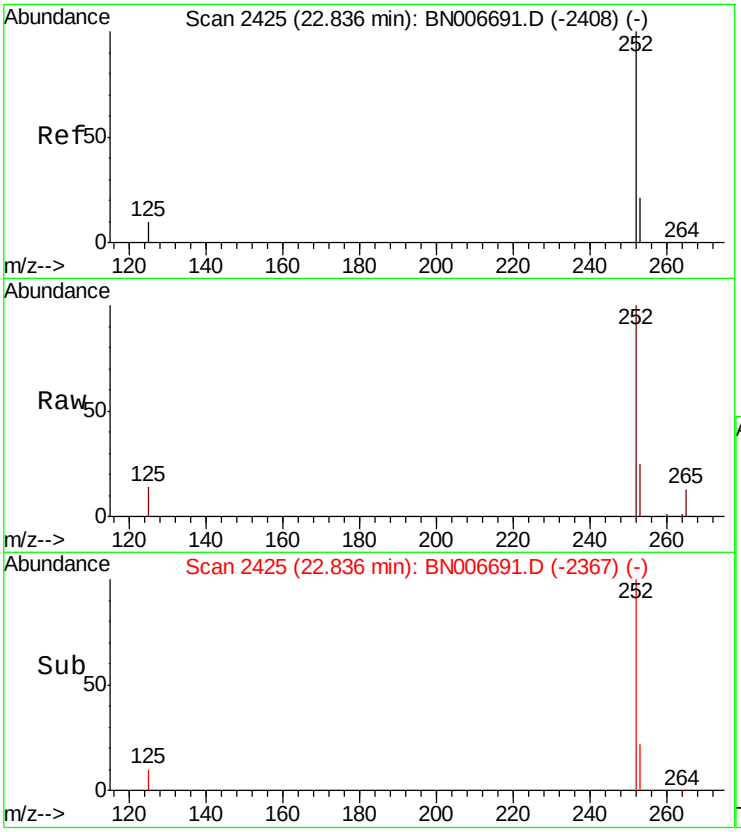


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:264 Resp: 15265

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	42.1	33.7	50.5



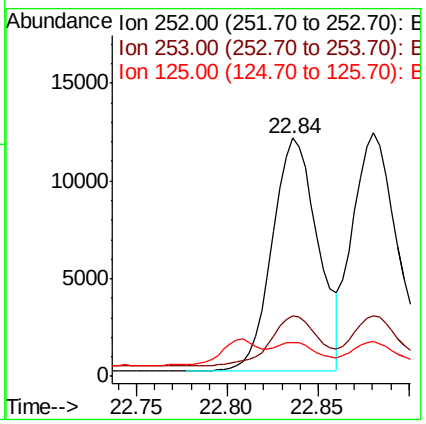


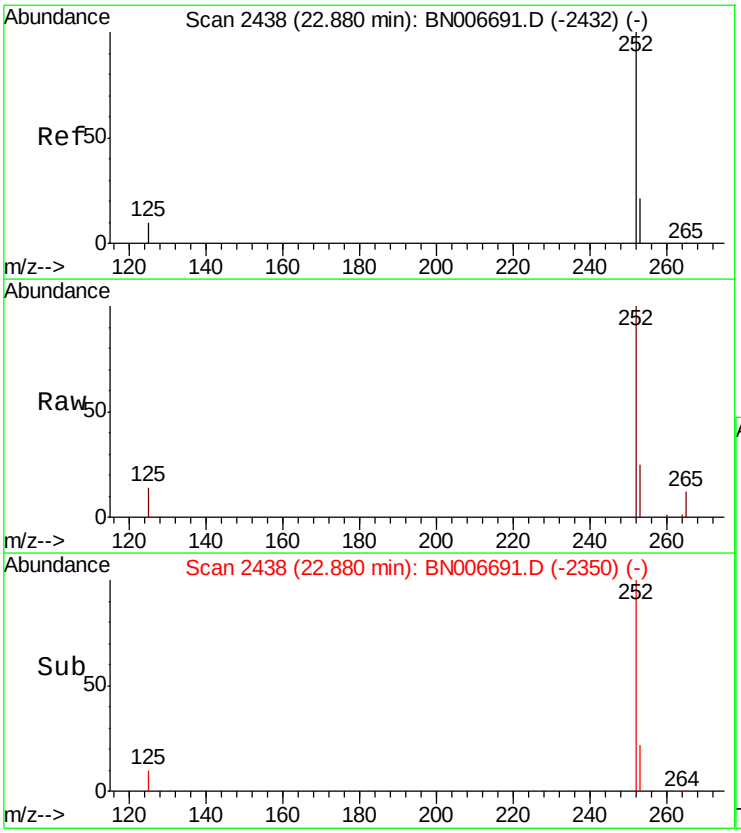
#35
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 22.84 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 20884

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.2
125	14.4	11.5	17.3

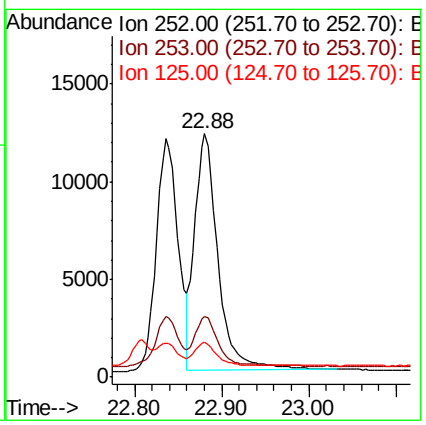


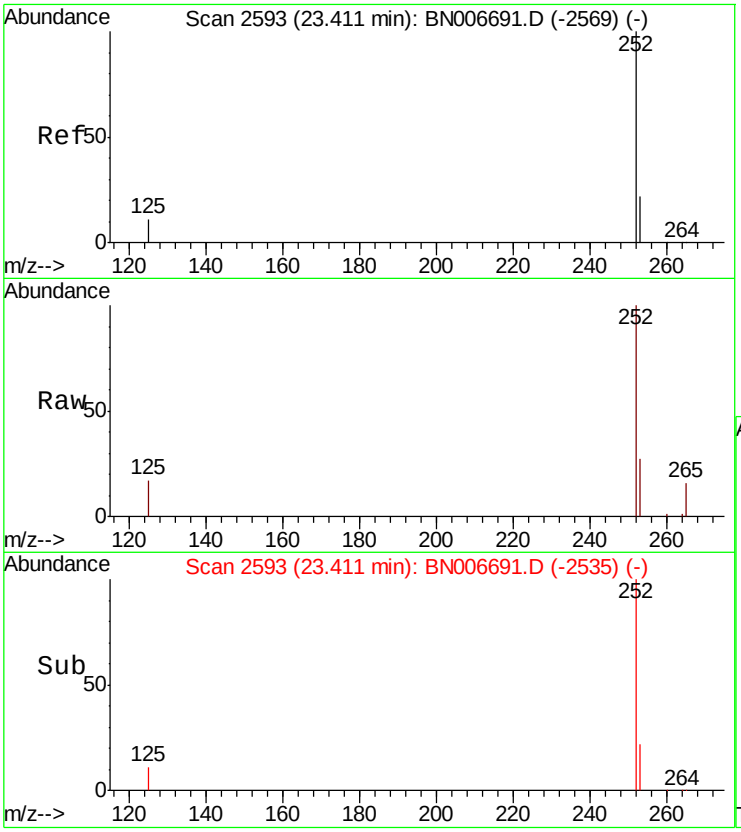


#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 22.88 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:252 Resp: 22567

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.1	30.1
125	14.2	11.4	17.0



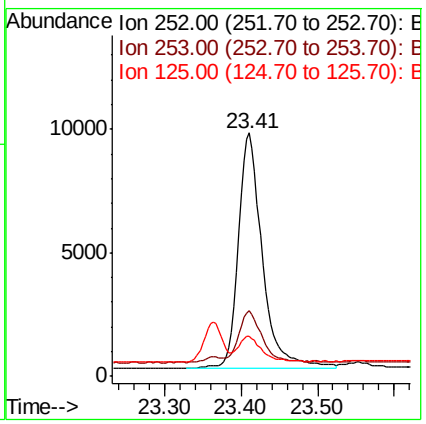


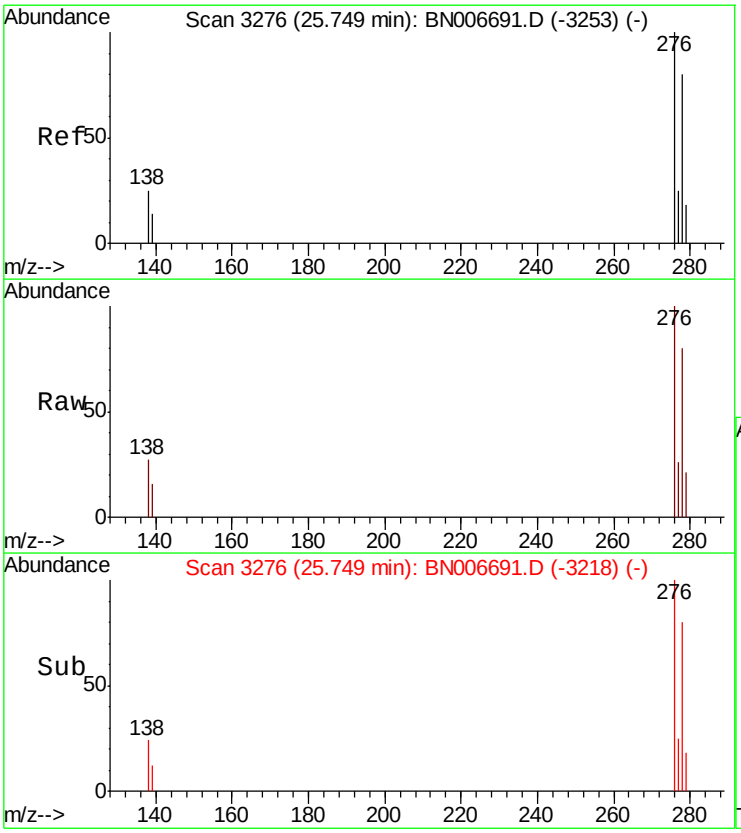
#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.41 min Scan# 2593
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 20724

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.4	32.2
125	16.6	13.3	19.9

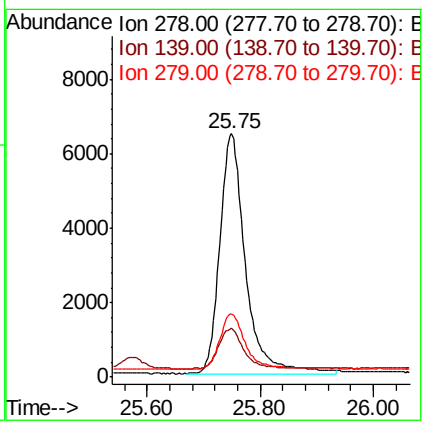


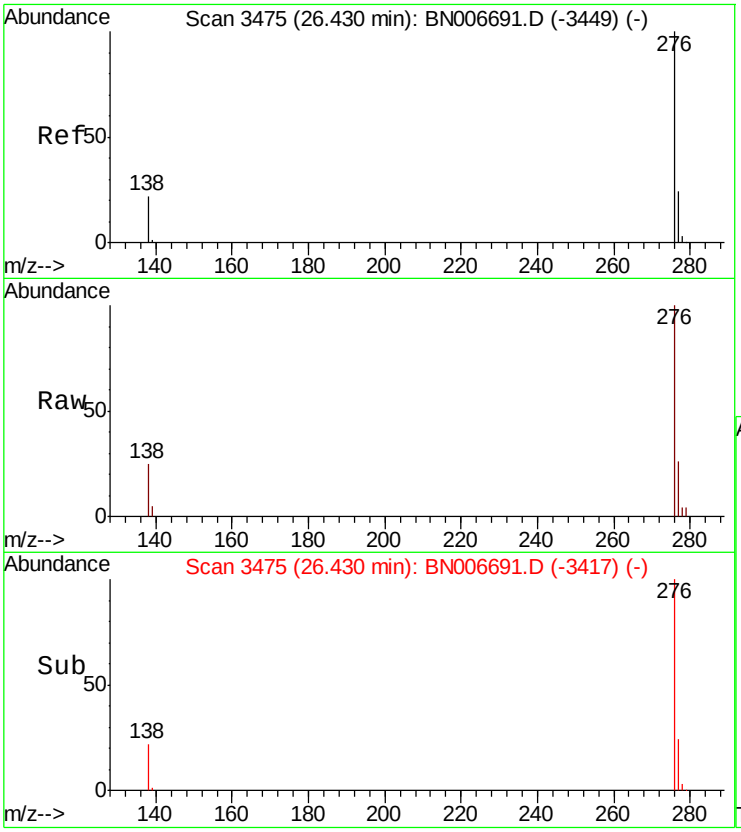


#38
Dibenzo(a,h)anthracene
Concen: 0.478 ng
RT: 25.75 min Scan# 3276
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:278 Resp: 20263

Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.2	24.4
279	25.9	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.490 ng
RT: 26.43 min Scan# 3475
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 20760

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.6	30.8
138	24.6	19.7	29.5