Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
Data File : BN006690.D
Acq On : 02 Jul 2019 14:01
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Jul 02 17:07:54 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	3590	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	13710	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	7532	0.40	ng		0.00
19) Phenanthrene-d10	17.03	188	16556	0.40	ng		0.00
27) Chrysene-d12	21.26	240	14506	0.40	ng		0.00
34) Perylene-d12	23.50	264	16378	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	1918	0.22	ng		0.00
5) Phenol-d6	6.84	99	2312	0.20	ng		0.00
8) Nitrobenzene-d5	8.79	82	1890	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	3968	0.18	ng		0.00
14) 2,4,6-Tribromophenol	15.80	330	659	0.19	ng		0.01
15) 2-Fluorobiphenyl	12.88	172	5594	0.20	ng		0.00
25) Fluoranthene-d10	19.08	212	9199	0.19	ng		0.00
29) Terphenyl-d14	19.68	244	6531	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	1238	0.249	ng		93
3) n-Nitrosodimethylamine	3.50	42	612	0.157	ng	#	87
6) bis(2-Chloroethyl)ether	7.06	93	2070	0.199	ng	#	83
9) Naphthalene	10.44	128	7287	0.202	ng		97
10) Hexachlorobutadiene	10.72	225	1546	0.209	ng	#	99
12) 2-Methylnaphthalene	12.07	142	5559	0.223	ng		98
16) Acenaphthylene	13.99	152	6921	0.193	ng		99
17) Acenaphthene	14.33	154	4647	0.196	ng		98
18) Fluorene	15.32	166	5656	0.189	ng		99
20) 4-Bromophenyl-phenylether	16.22	248	1790	0.195	ng		93
21) Hexachlorobenzene	16.33	284	2251	0.194	ng		99
22) Pentachlorophenol	16.76	266	207	0.112	ng		88
23) Phenanthrene	17.07	178	8878	0.189	ng		100
24) Anthracene	17.16	178	7842	0.192	ng		100
26) Fluoranthene	19.11	202	10881	0.190	ng		99
28) Pyrene	19.47	202	11418	0.225	ng		99
30) Benzo(a)anthracene	21.25	228	9313	0.196	ng		98
31) Chrysene	21.30	228	10323	0.202	ng		98
32) Bis(2-ethylhexyl)phthalate	21.16	149	37786	1.583	ng		100
33) Indeno(1,2,3-cd)pyrene	25.74	276	12169	0.235	ng		99
35) Benzo(b)fluoranthene	22.83	252	10171	0.183	ng	#	85
36) Benzo(k)fluoranthene	22.88	252	11157	0.188	ng	#	85
37) Benzo(a)pyrene	23.40	252	9836	0.189	ng	#	84
38) Dibenzo(a,h)anthracene	25.74	278	9617	0.211	ng	#	91
39) Benzo(g,h,i)perylene	26.42	276	10116	0.223	ng		95

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

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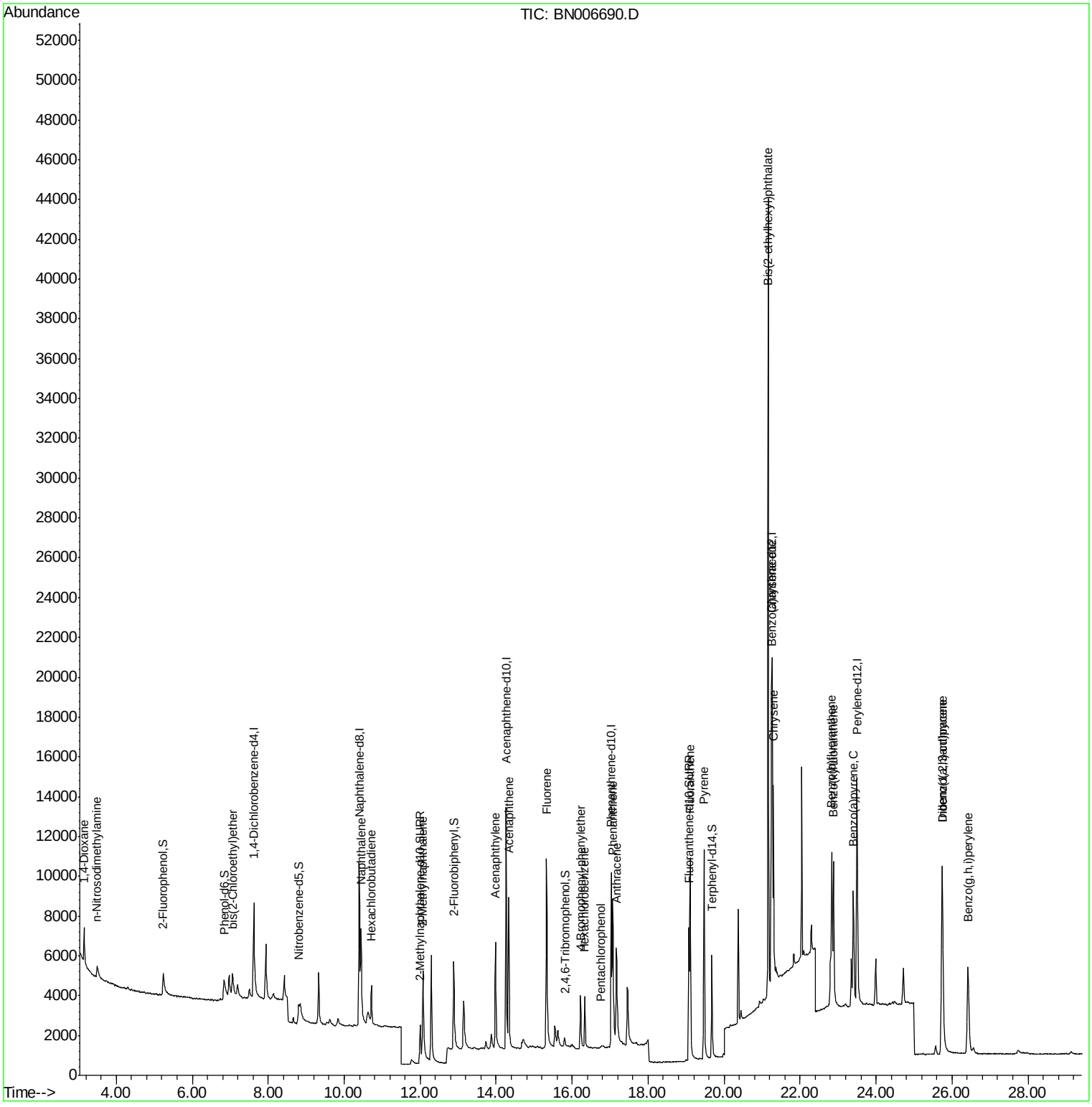
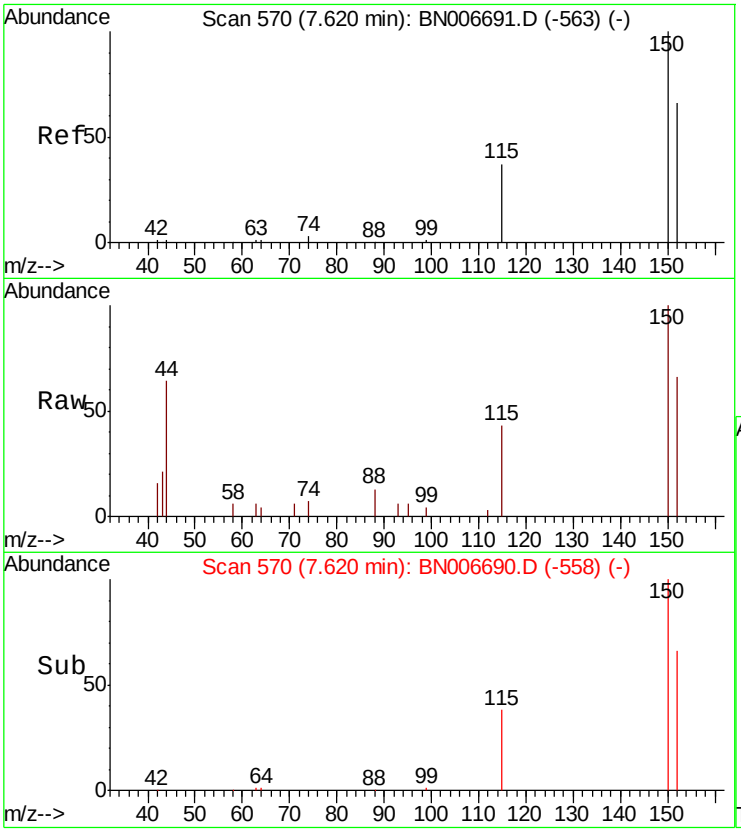
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 02 17:07:54 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



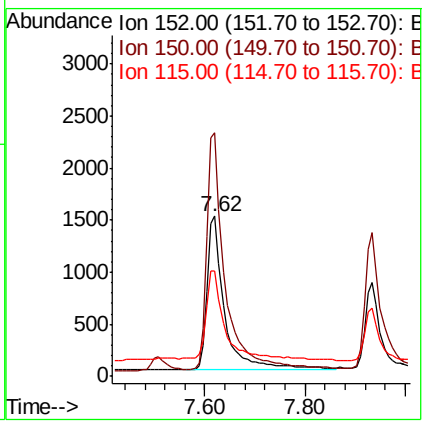


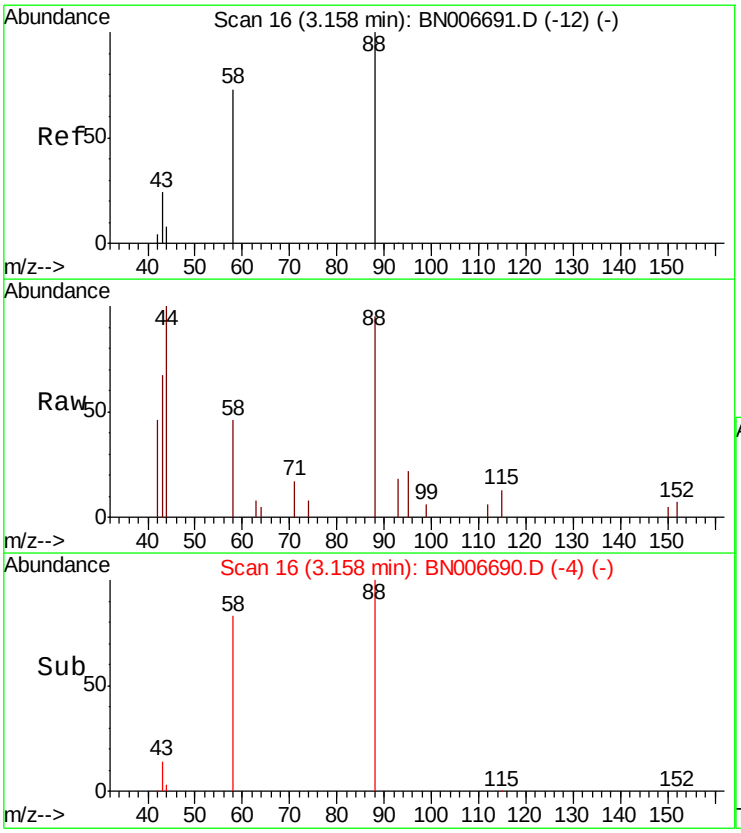
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3590

Ion	Ratio	Lower	Upper
152	100		
150	152.2	120.6	181.0
115	66.0	51.0	76.6

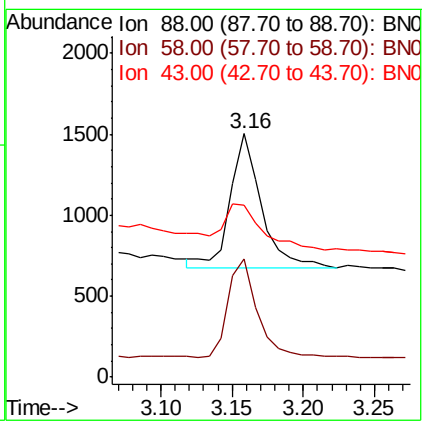


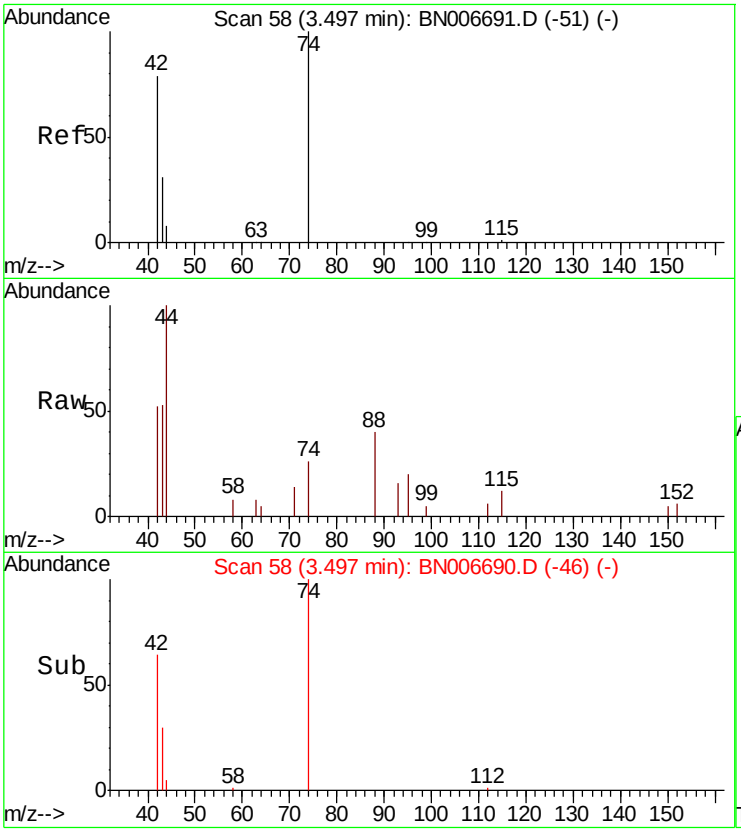


#2
1,4-Dioxane
Concen: 0.249 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion: 88 Resp: 1238

Ion	Ratio	Lower	Upper
88	100		
58	69.0	61.1	91.7
43	42.1	32.4	48.6



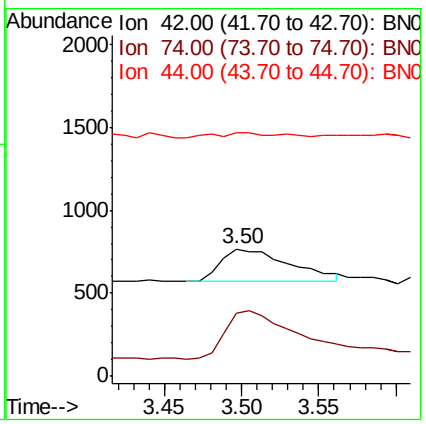


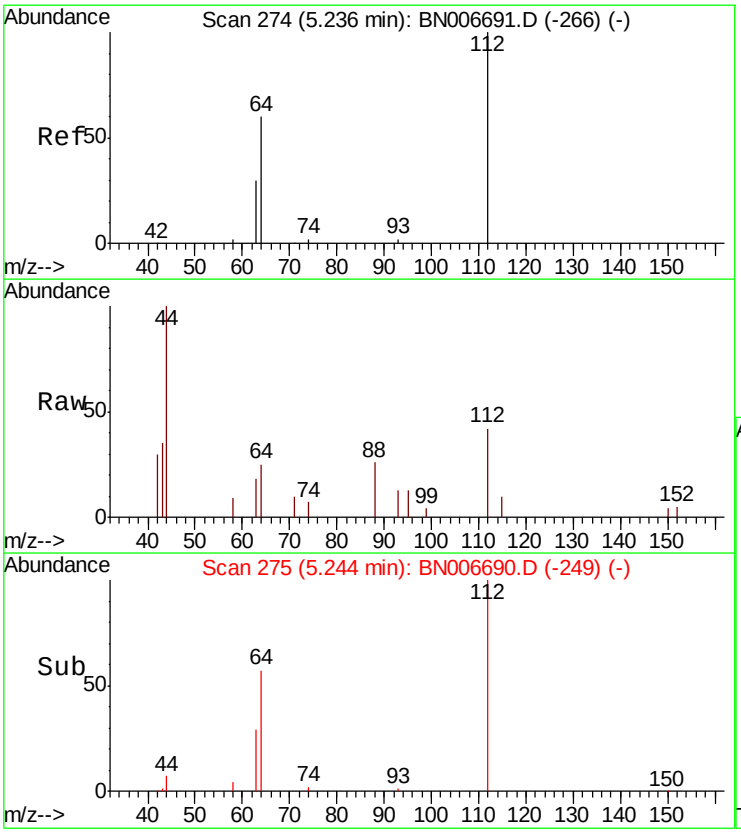
#3
n-Nitrosodimethylamine
Concen: 0.157 ng
RT: 3.50 min Scan# 58
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 612

Ion	Ratio	Lower	Upper
42	100		
74	149.0	106.6	160.0
44	12.3	8.0	12.0#

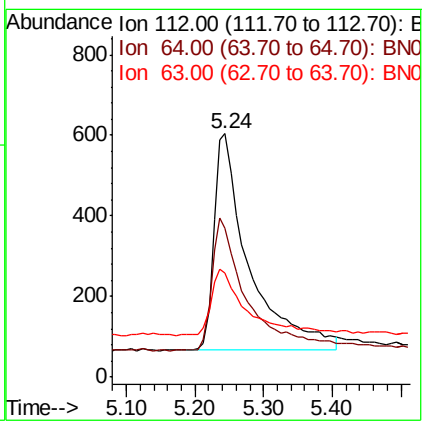


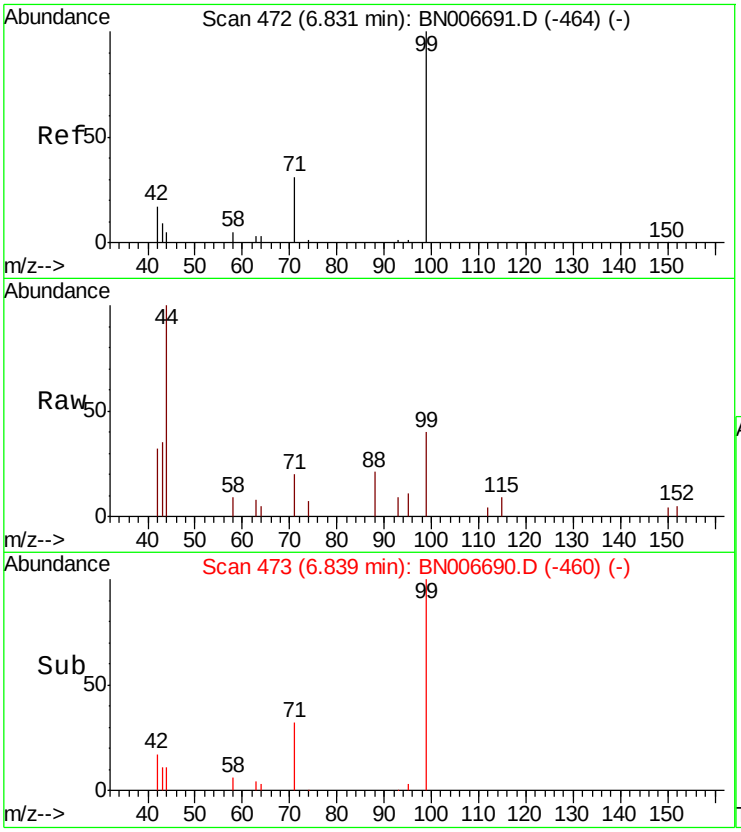


#4
2-Fluorophenol
Concen: 0.218 ng
RT: 5.24 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:112 Resp: 1918

Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.8	74.6
63	32.2	25.8	38.6



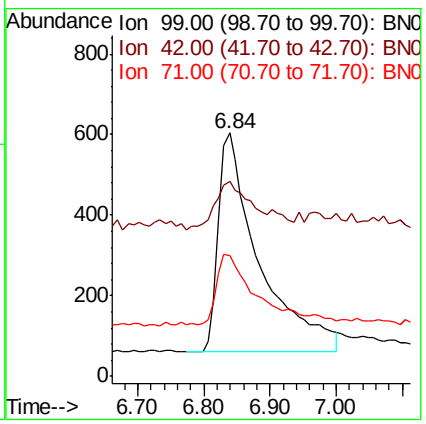


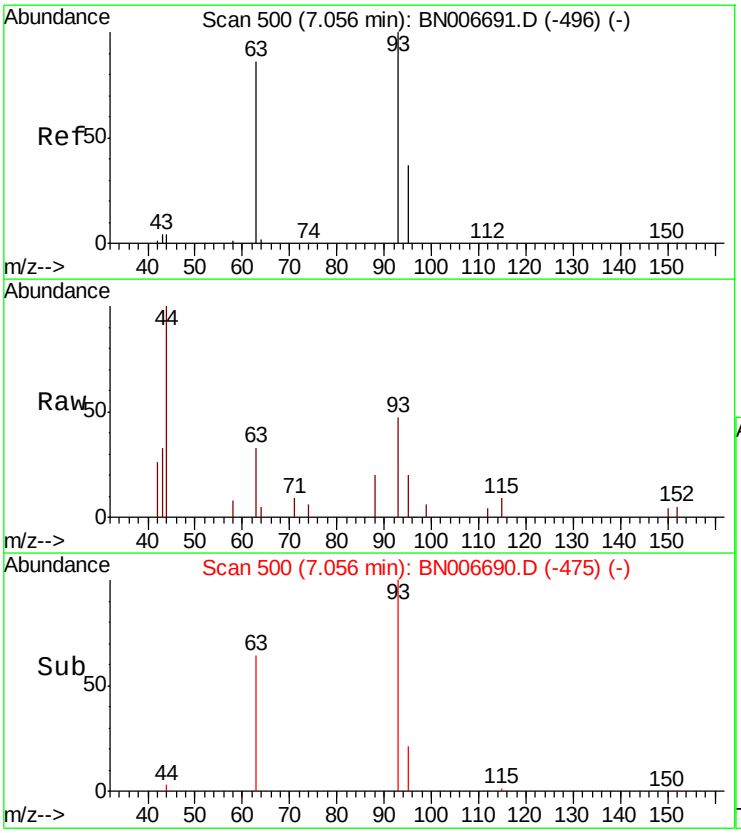
#5
Phenol-d6
Concen: 0.198 ng
RT: 6.84 min Scan# 473
Delta R.T. 0.01 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2312

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.6	25.0
71	29.6	26.0	39.0

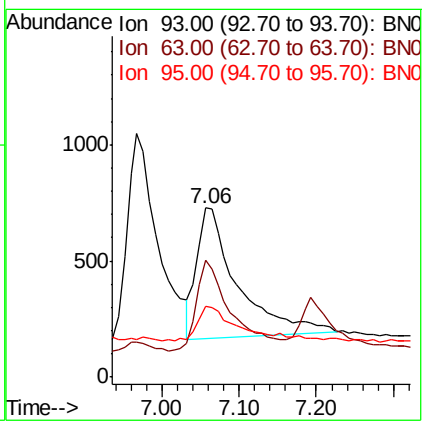


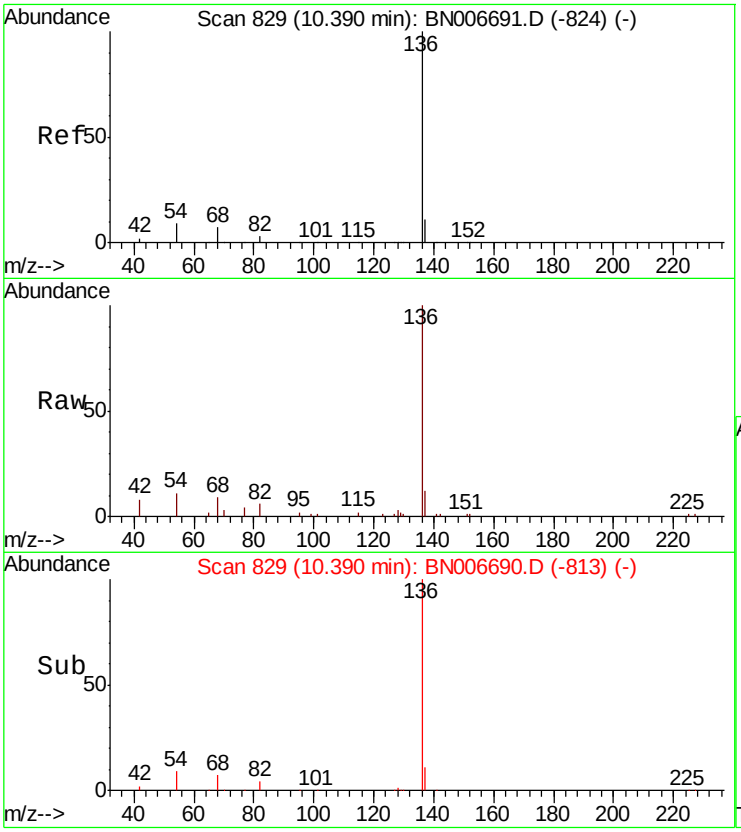


#6
bis(2-Chloroethyl)ether
Concen: 0.199 ng
RT: 7.06 min Scan# 500
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion: 93 Resp: 2070

Ion	Ratio	Lower	Upper
93	100		
63	59.1	58.6	87.8
95	25.7	28.3	42.5#



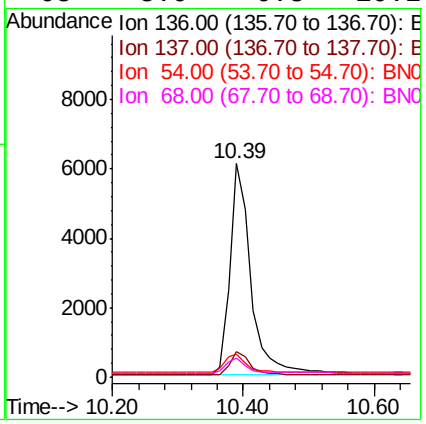


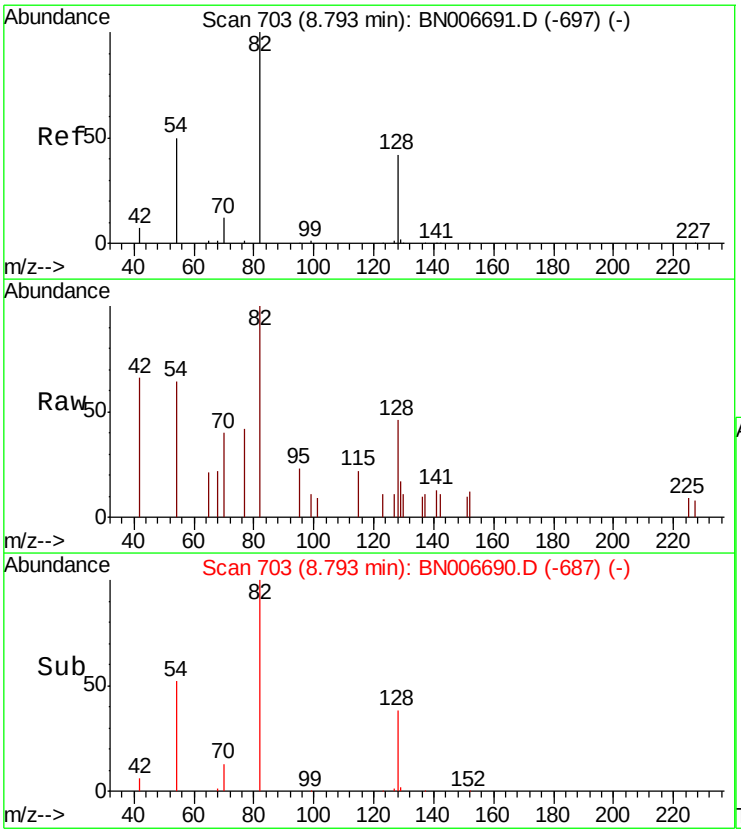
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 13710

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	11.1	8.4	12.6
68	8.9	6.8	10.2

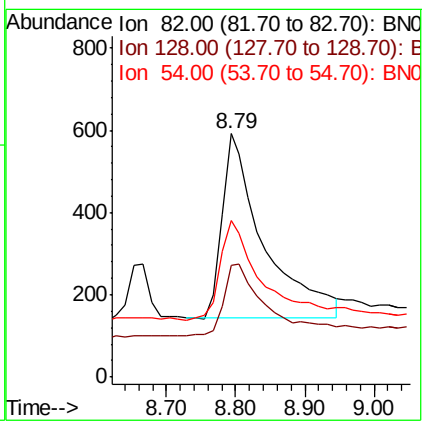


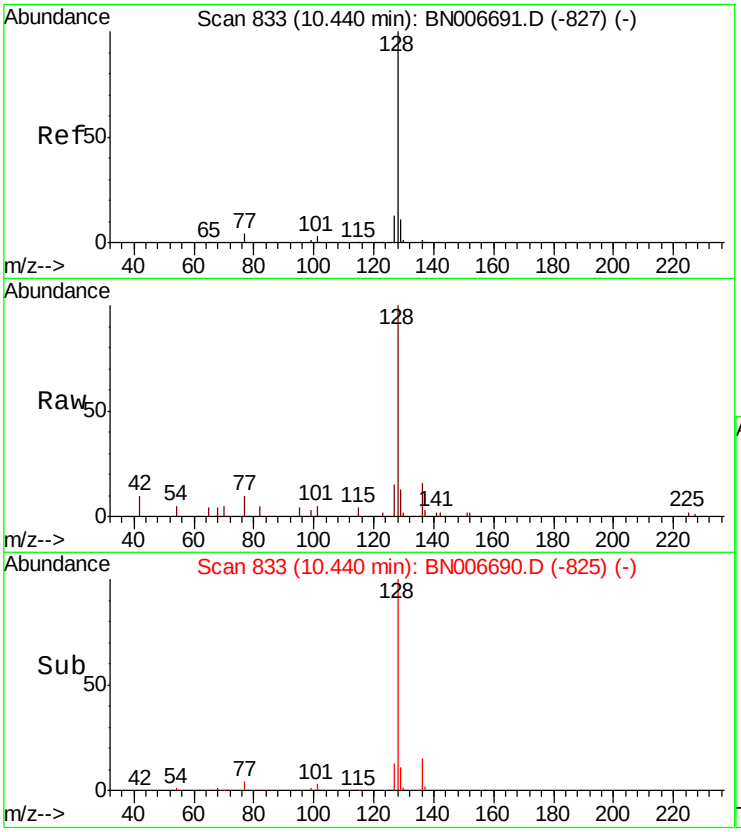


#8
Nitrobenzene-d5
Concen: 0.205 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion: 82 Resp: 1890

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	64.4	44.5	66.7



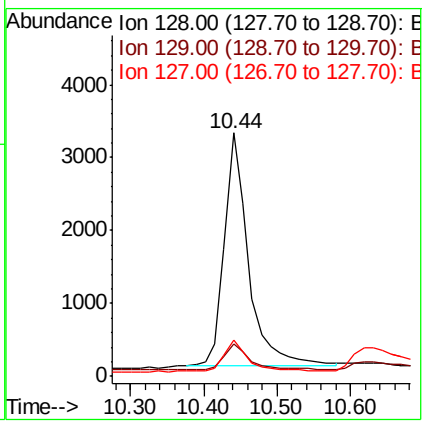


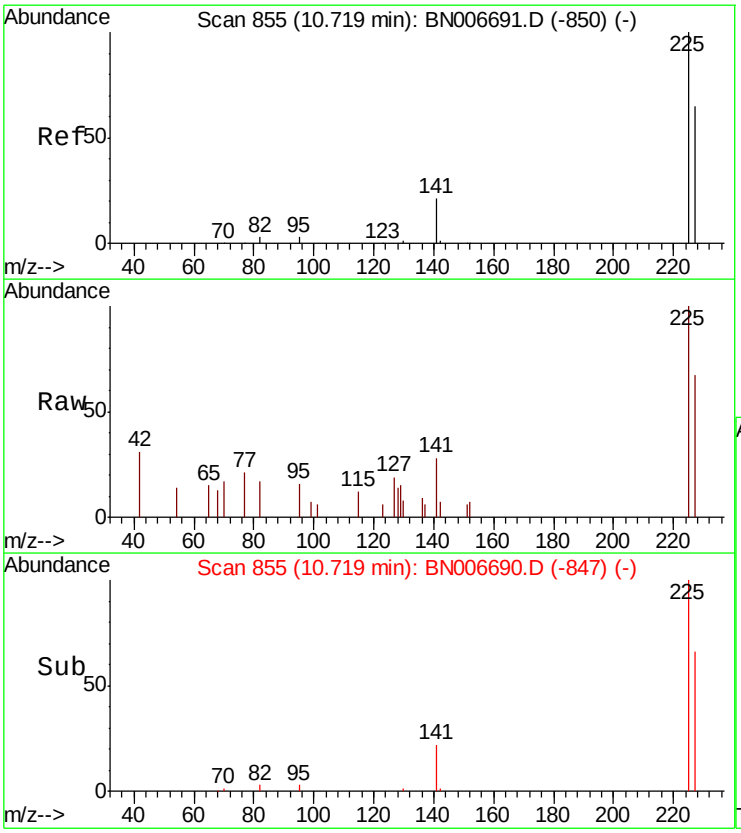
#9
Naphthalene
Concen: 0.202 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 7287

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.6	14.4
127	14.9	11.0	16.4

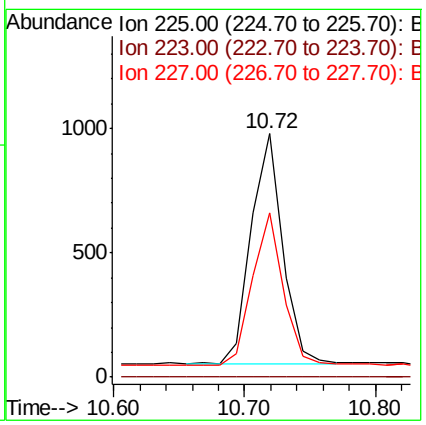


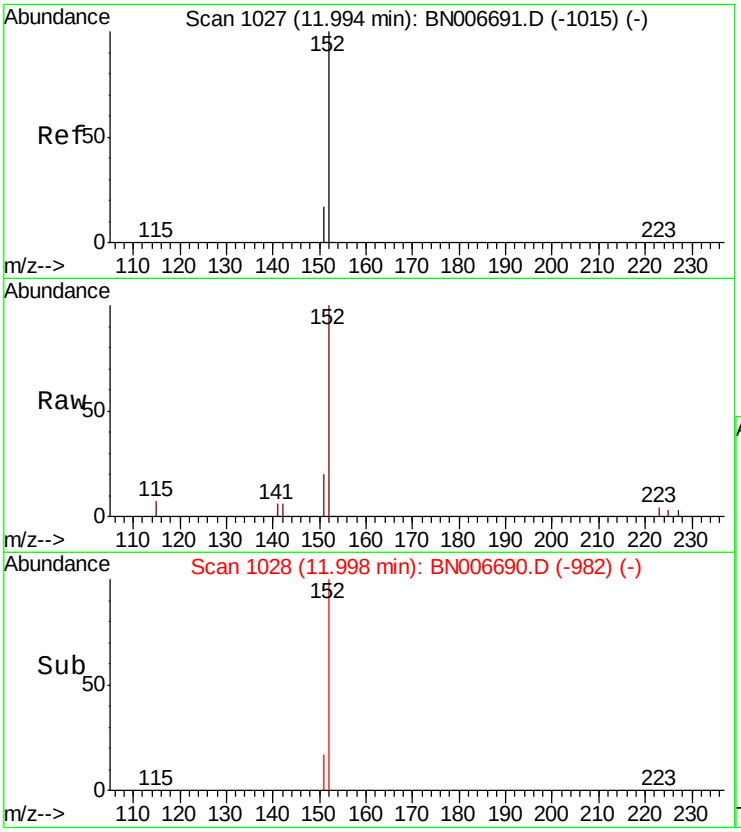


#10
Hexachlorobutadiene
Concen: 0.209 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:225 Resp: 1546

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	50.9	76.3



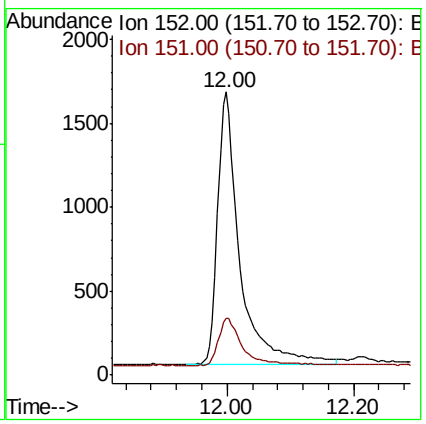


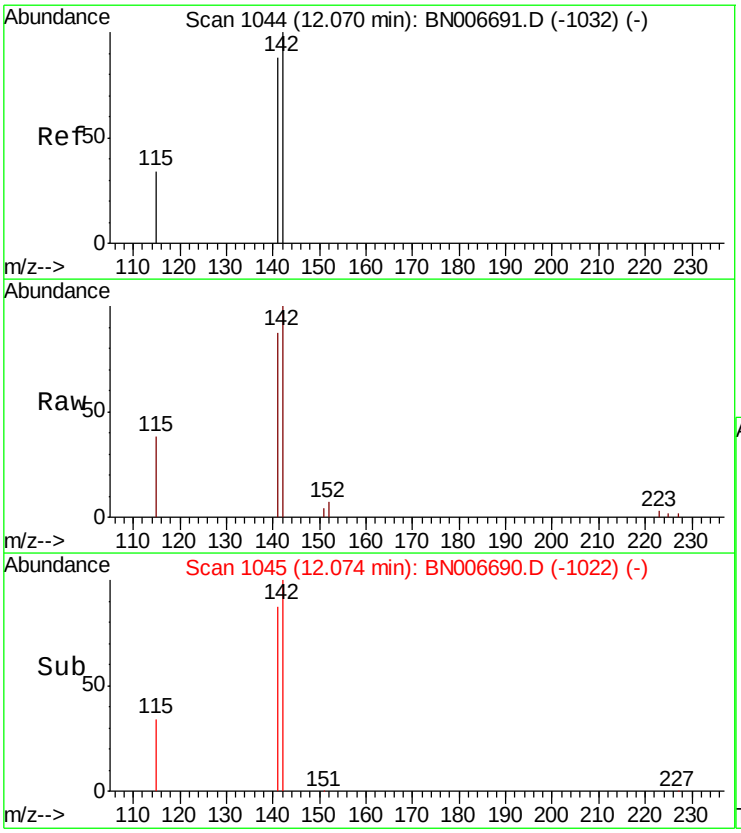
#11
2-Methylnaphthalene-d10
Concen: 0.184 ng
RT: 12.00 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3968

Ion	Ratio	Lower	Upper
152	100		
151	18.4	14.9	22.3

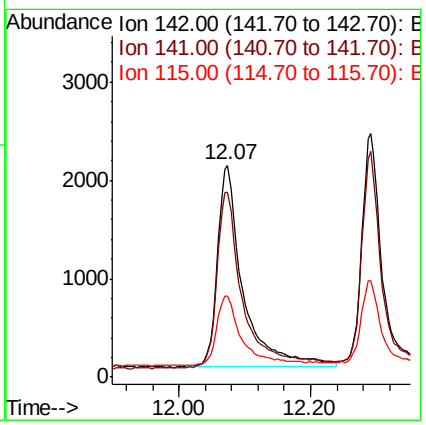


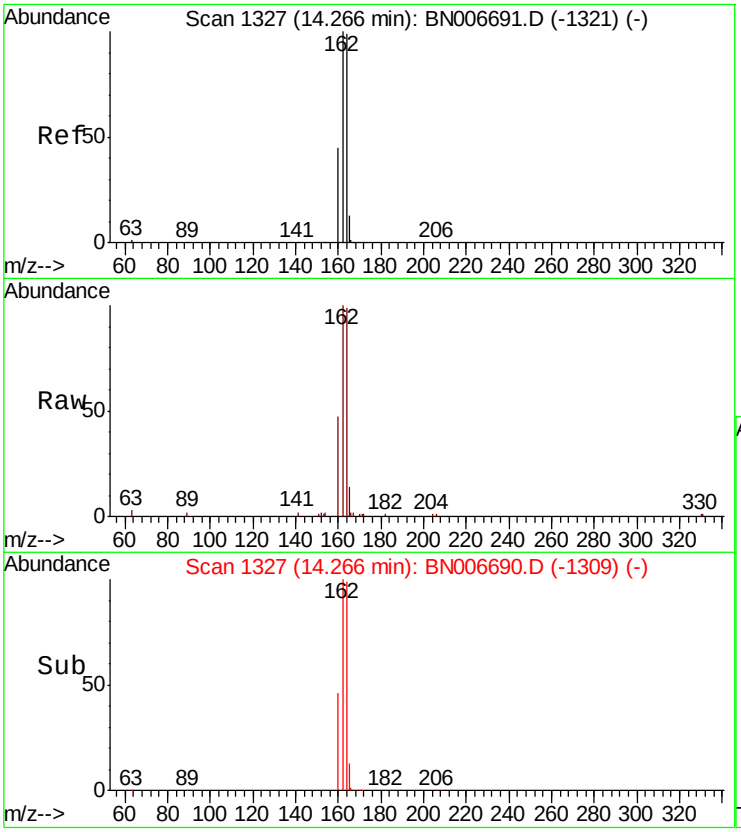


#12
2-Methylnaphthalene
Concen: 0.223 ng
RT: 12.07 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:142 Resp: 5559

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.3	105.5
115	37.9	28.9	43.3



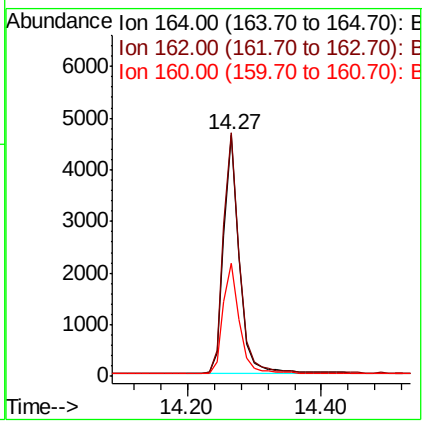


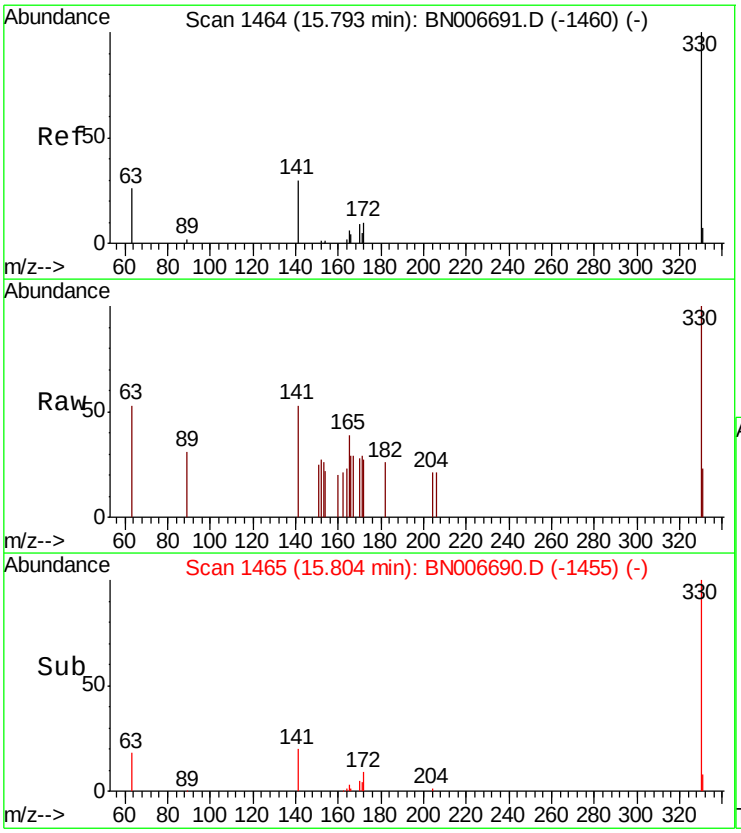
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 7532

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.8	121.2
160	46.9	37.0	55.6

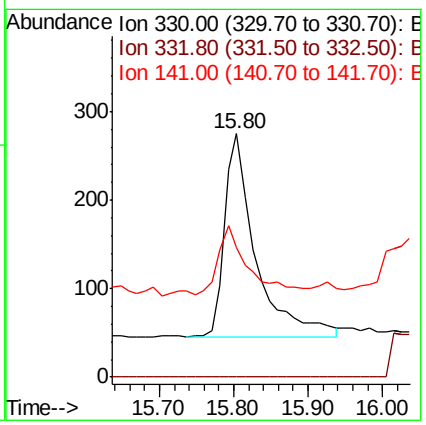


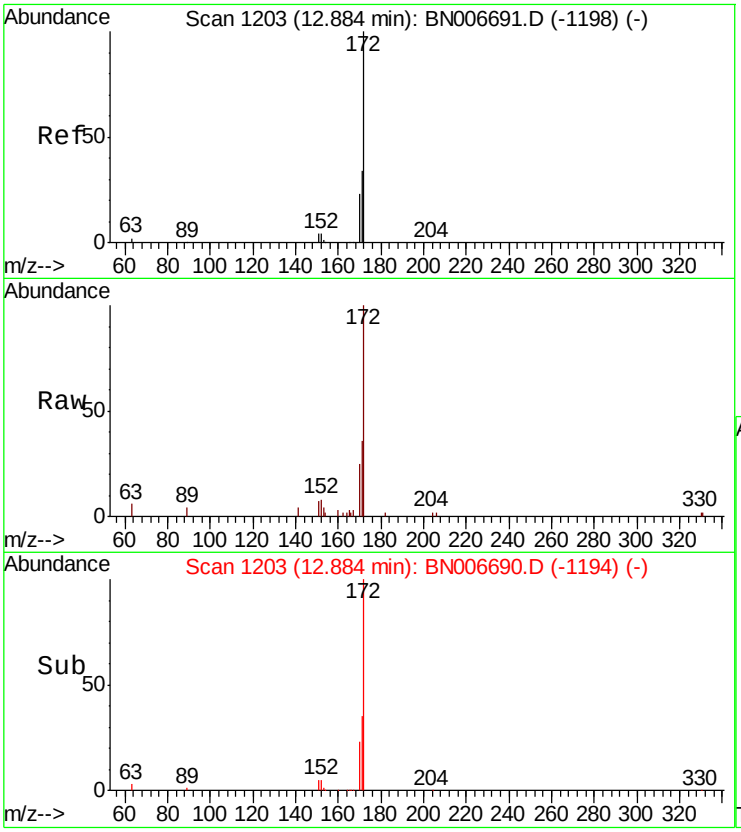


#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.80 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:330 Resp: 659

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.5	24.8	37.2



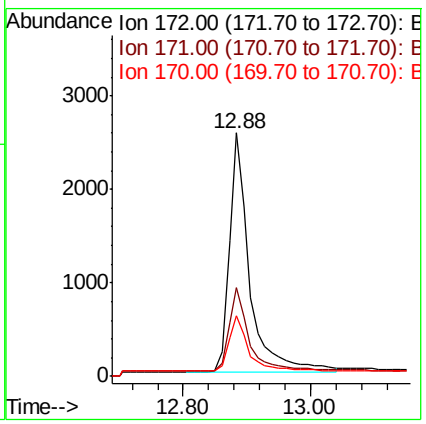


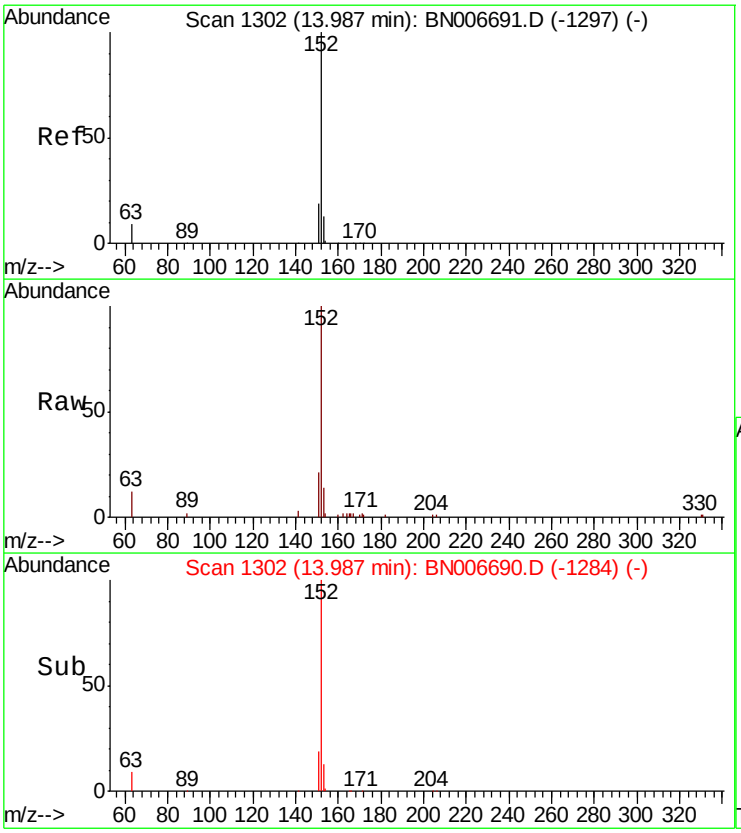
#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 5594

Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.8	41.6
170	24.9	18.9	28.3

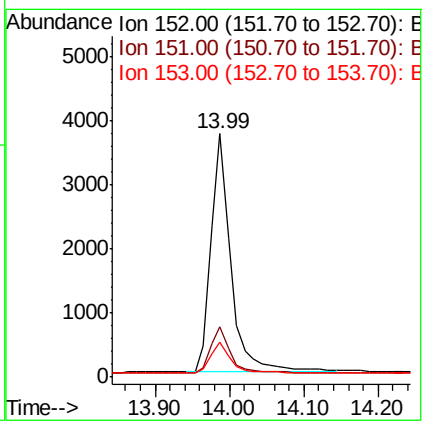


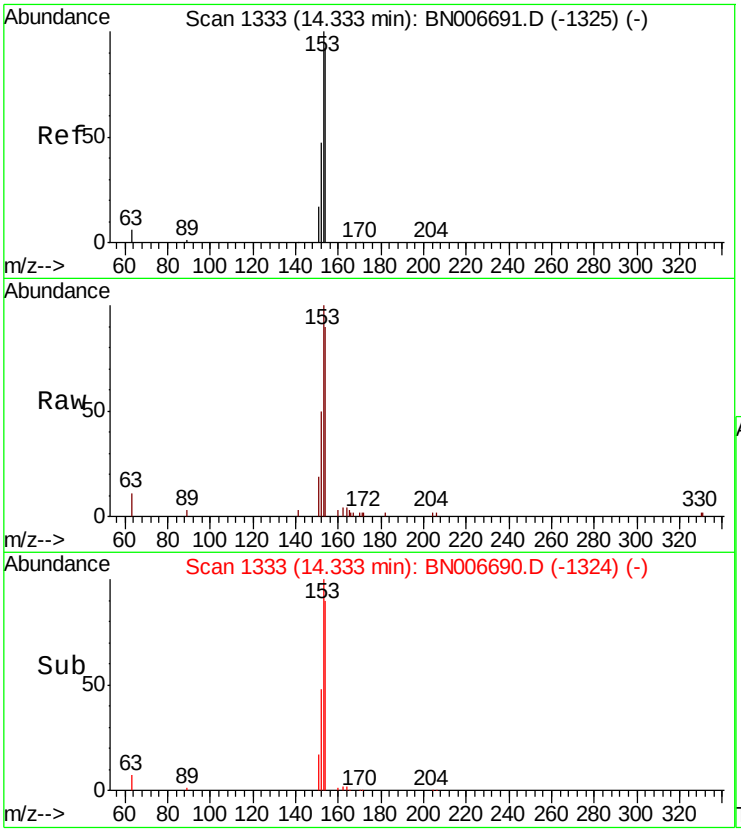


#16
Acenaphthylene
Concen: 0.193 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:152 Resp: 6921

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.1	10.6	15.8



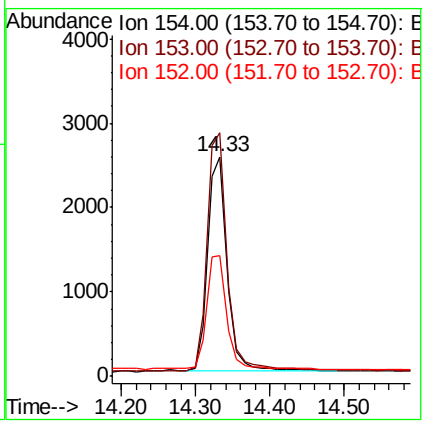


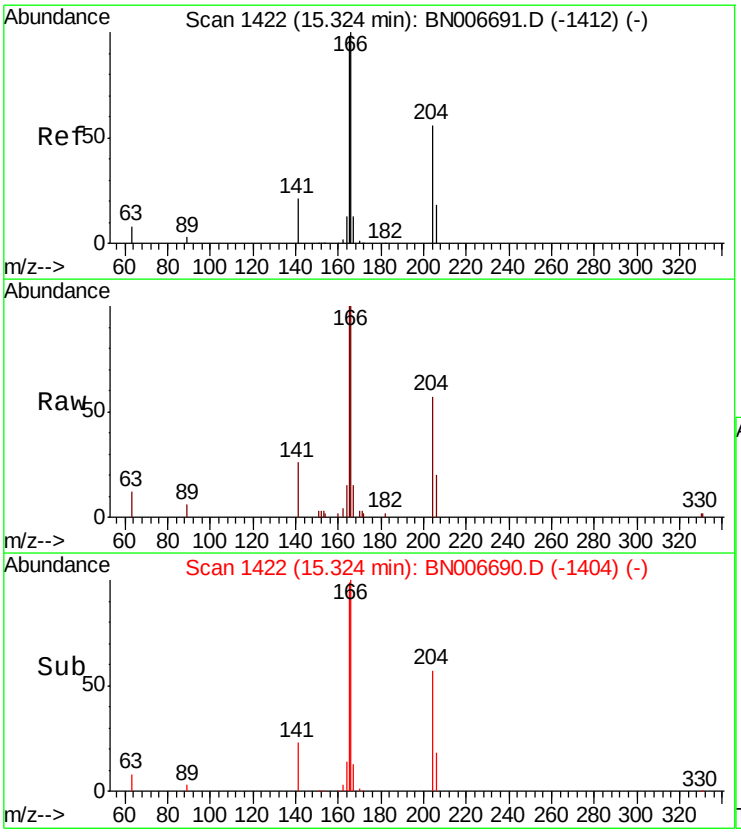
#17
Acenaphthene
Concen: 0.196 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4647

Ion	Ratio	Lower	Upper
154	100		
153	113.1	88.9	133.3
152	54.8	42.8	64.2

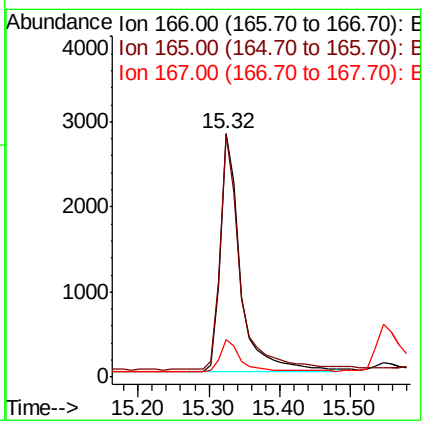


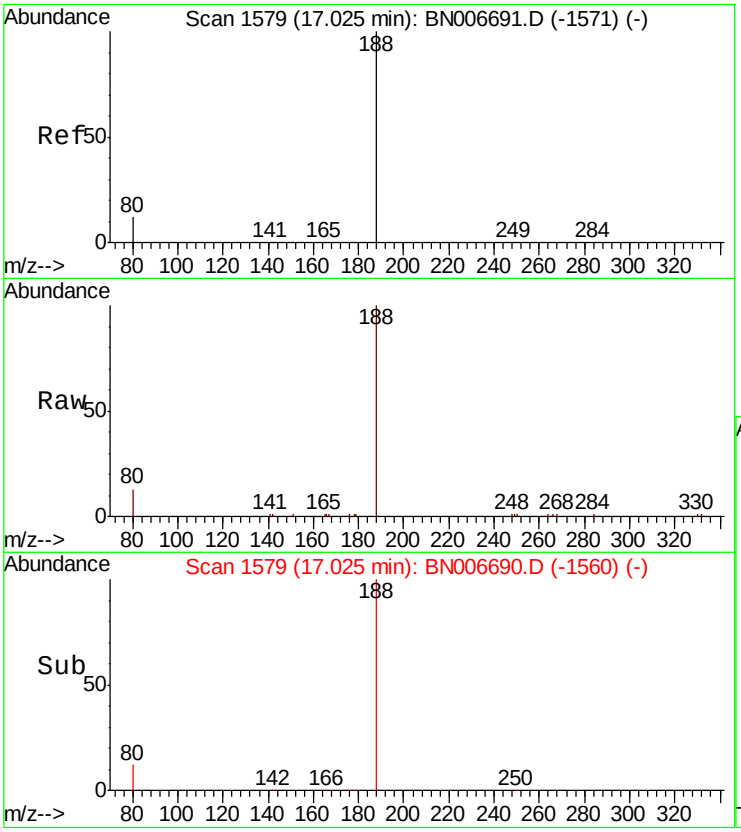


#18
Fluorene
Concen: 0.189 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:166 Resp: 5656

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.0	117.0
167	13.6	10.7	16.1



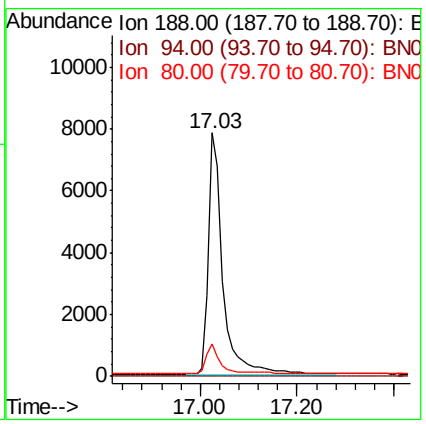


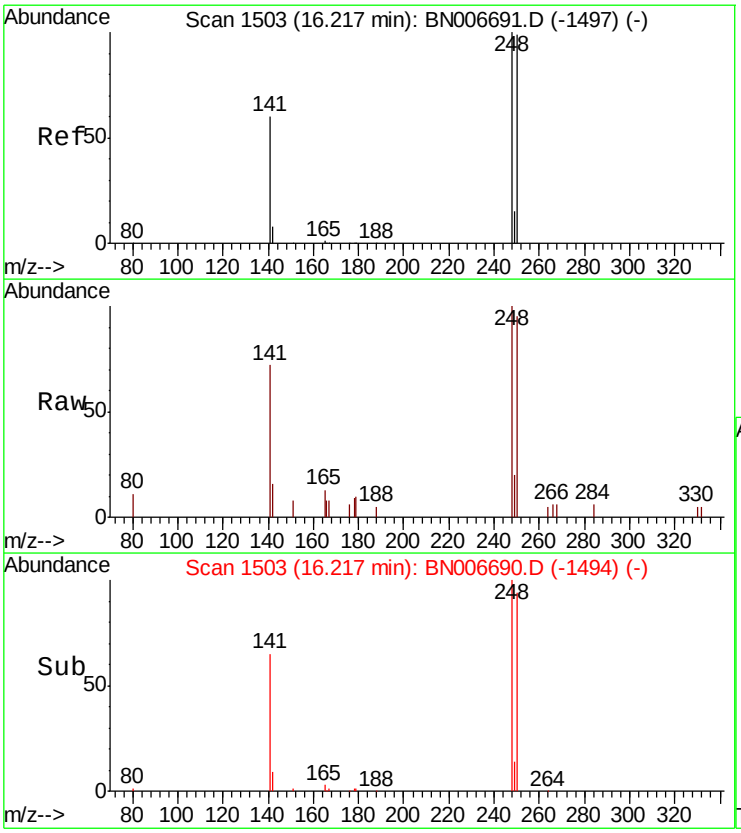
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 16556

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	10.3	15.5

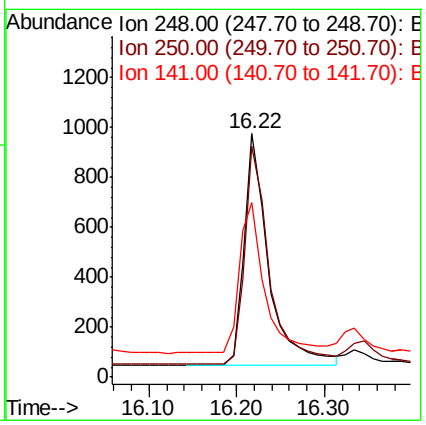


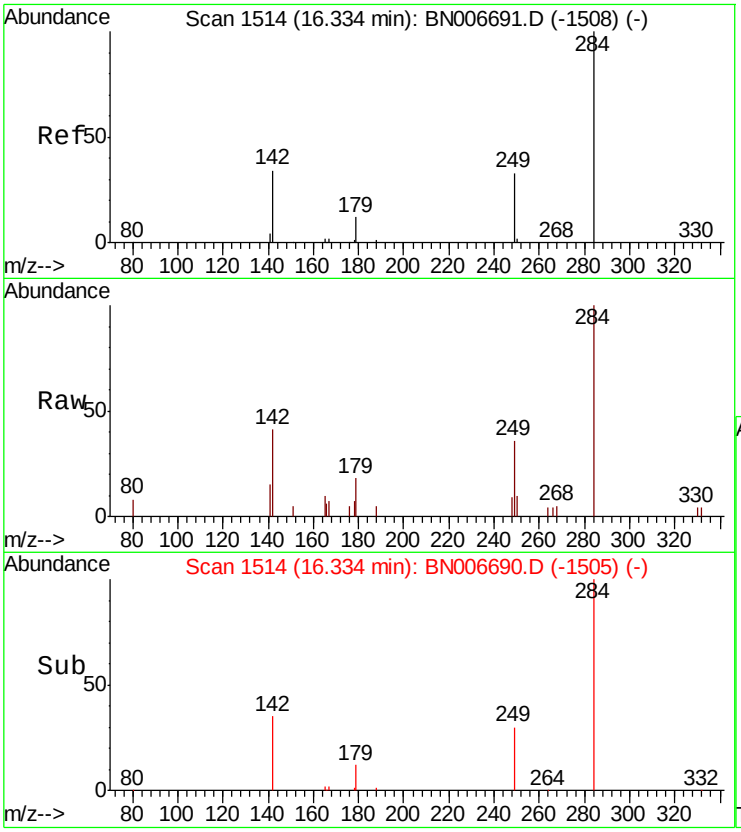


#20
4-Bromophenyl-phenylether
Concen: 0.195 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:248 Resp: 1790

Ion	Ratio	Lower	Upper
248	100		
250	94.9	79.0	118.6
141	71.5	50.2	75.4



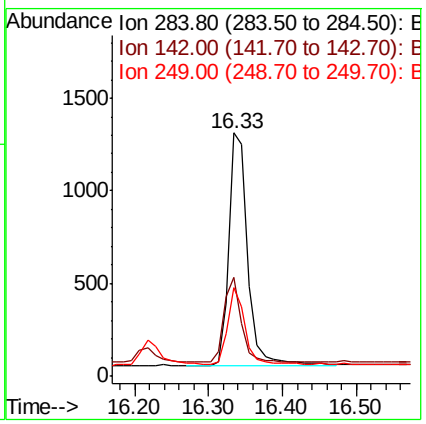


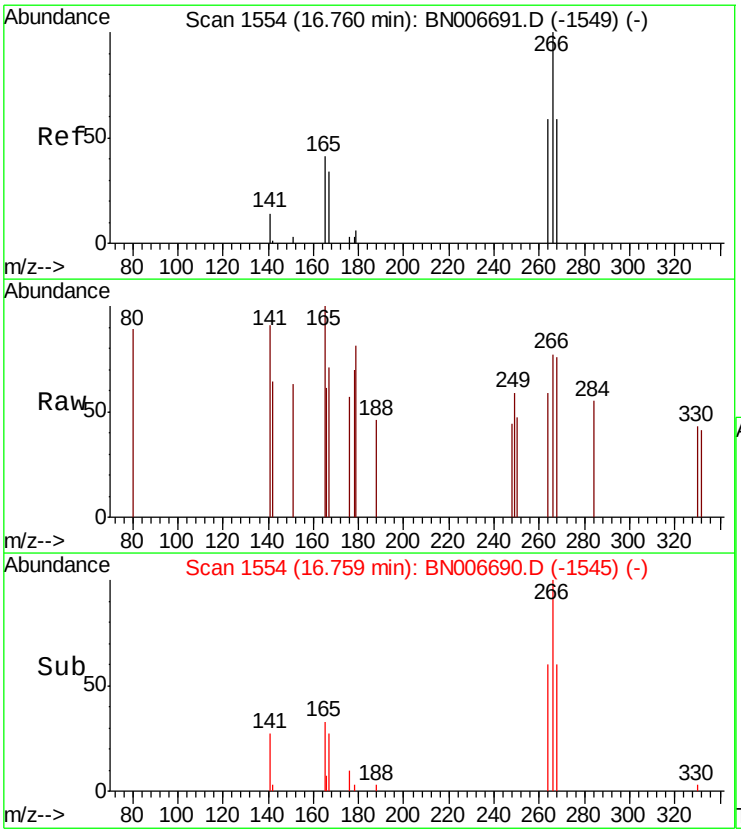
#21
Hexachlorobenzene
Concen: 0.194 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2251

Ion	Ratio	Lower	Upper
284	100		
142	33.5	26.9	40.3
249	29.2	24.4	36.6

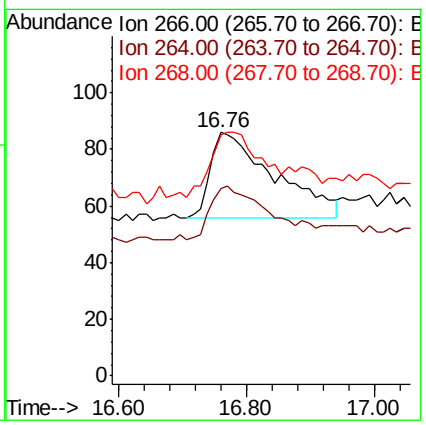


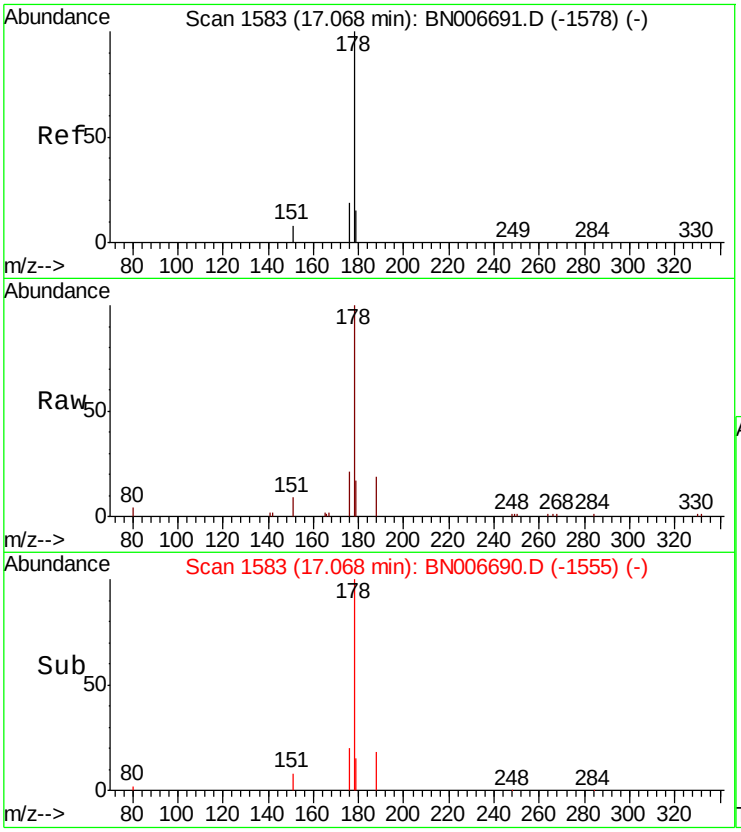


#22
Pentachlorophenol
Concen: 0.112 ng
RT: 16.76 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:266 Resp: 207

Ion	Ratio	Lower	Upper
266	100		
264	76.7	57.6	86.4
268	98.8	66.6	99.8



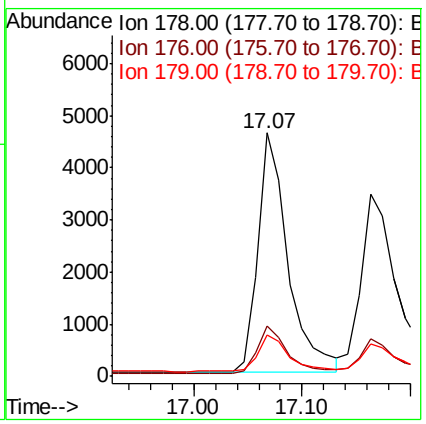


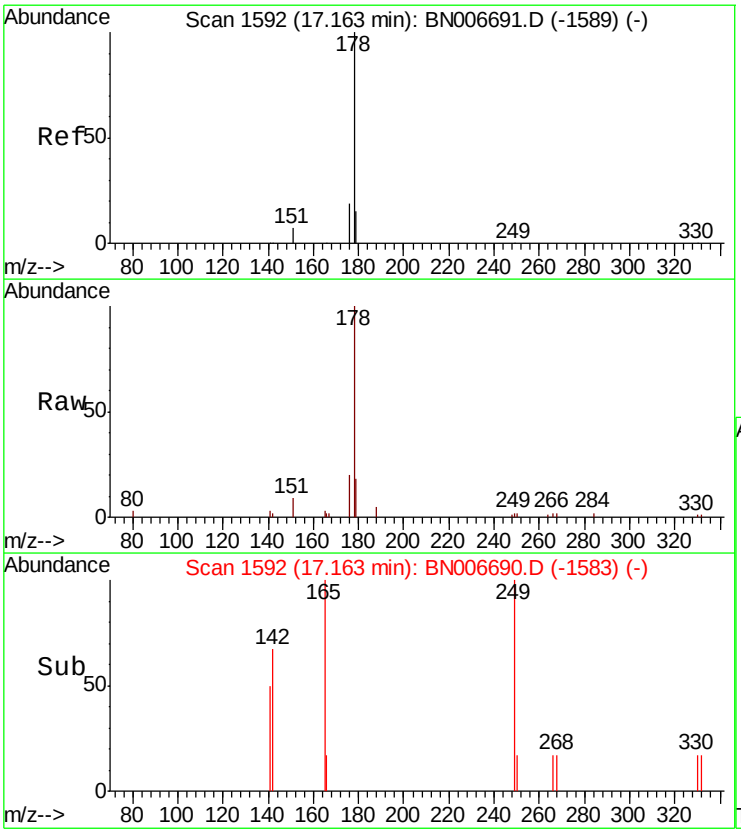
#23
Phenanthrene
Concen: 0.189 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 8878

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.4	12.4	18.6

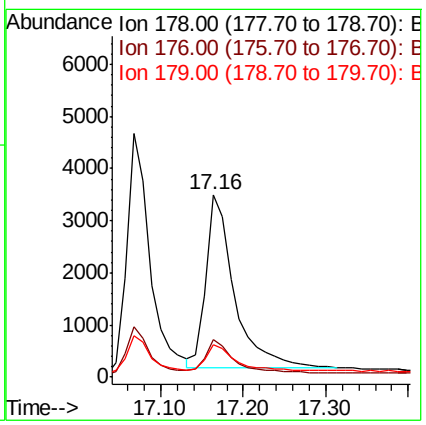


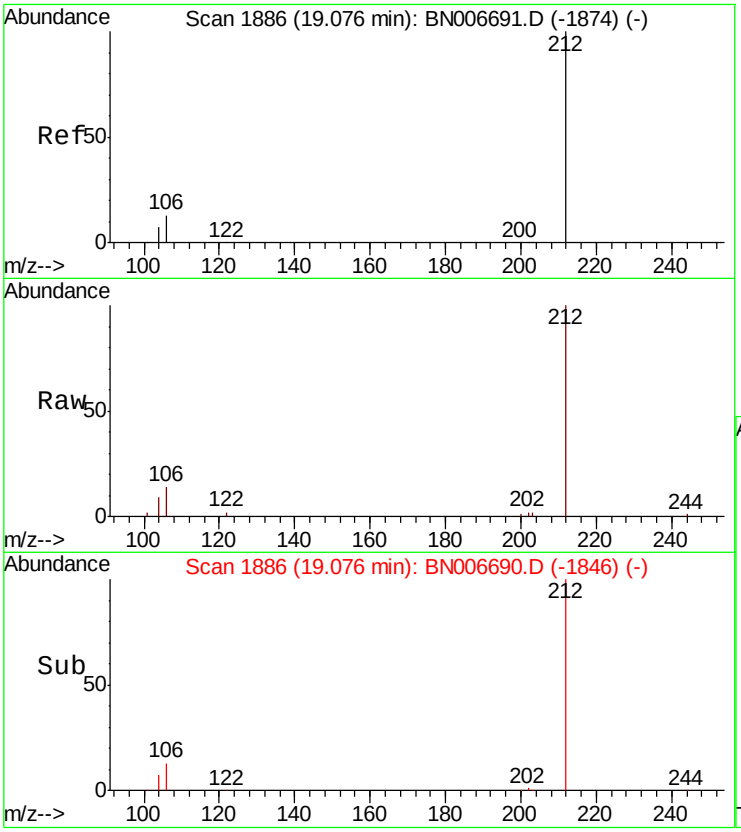


#24
Anthracene
Concen: 0.192 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:178 Resp: 7842

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	14.7	11.9	17.9



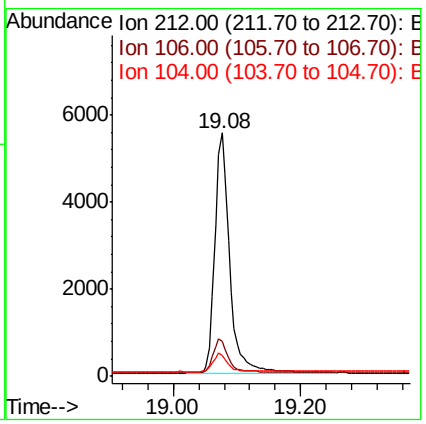


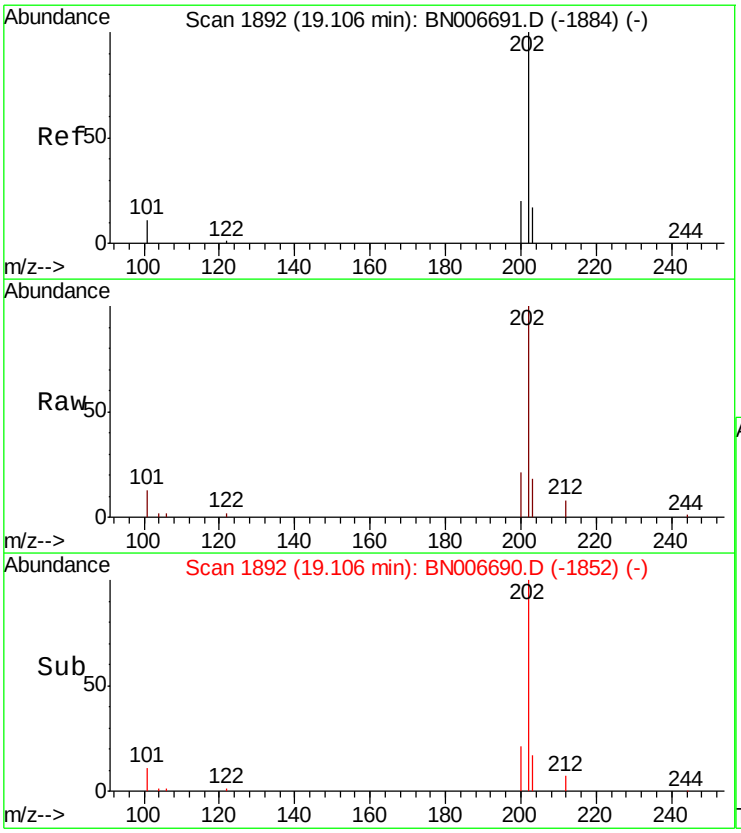
#25
Fluoranthene-d10
Concen: 0.189 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 9199

Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.0	16.6
104	7.4	6.1	9.1

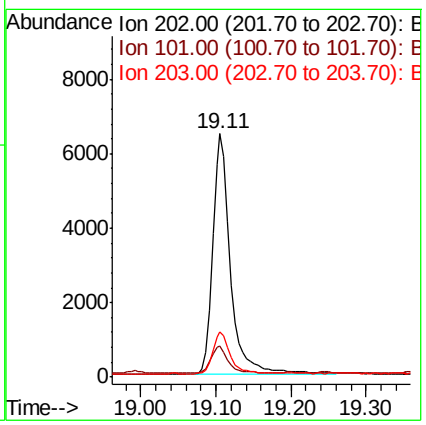


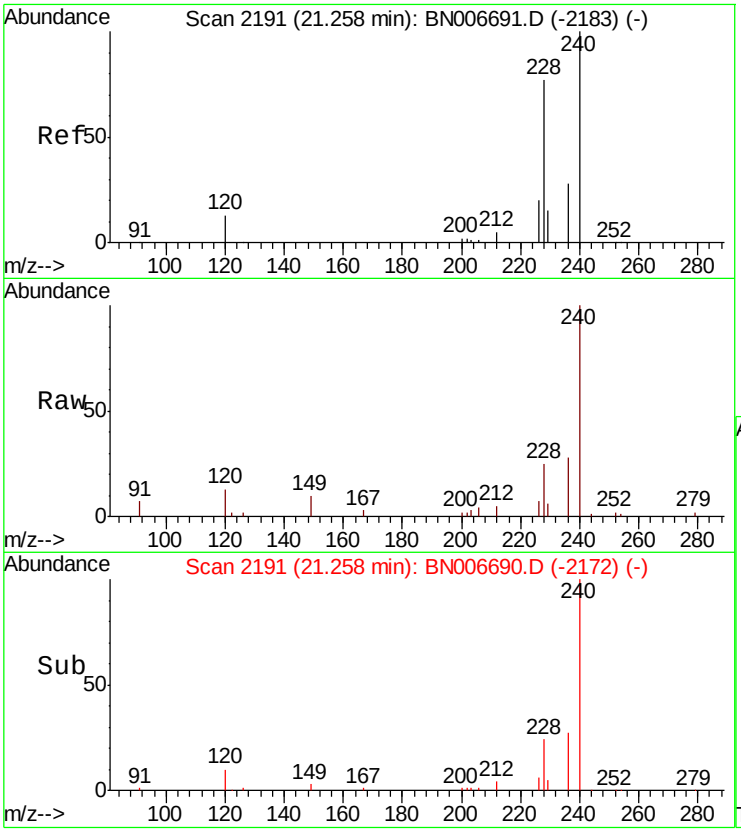


#26
Fluoranthene
Concen: 0.190 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:202 Resp: 10881

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.7	13.1
203	16.8	13.8	20.6



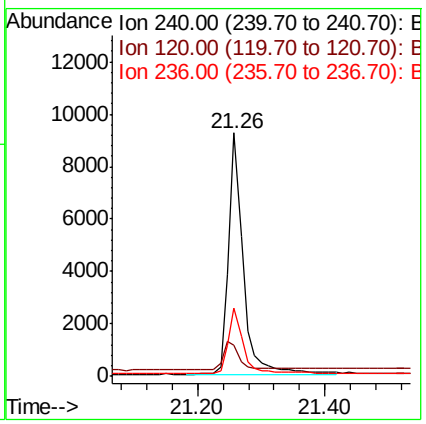


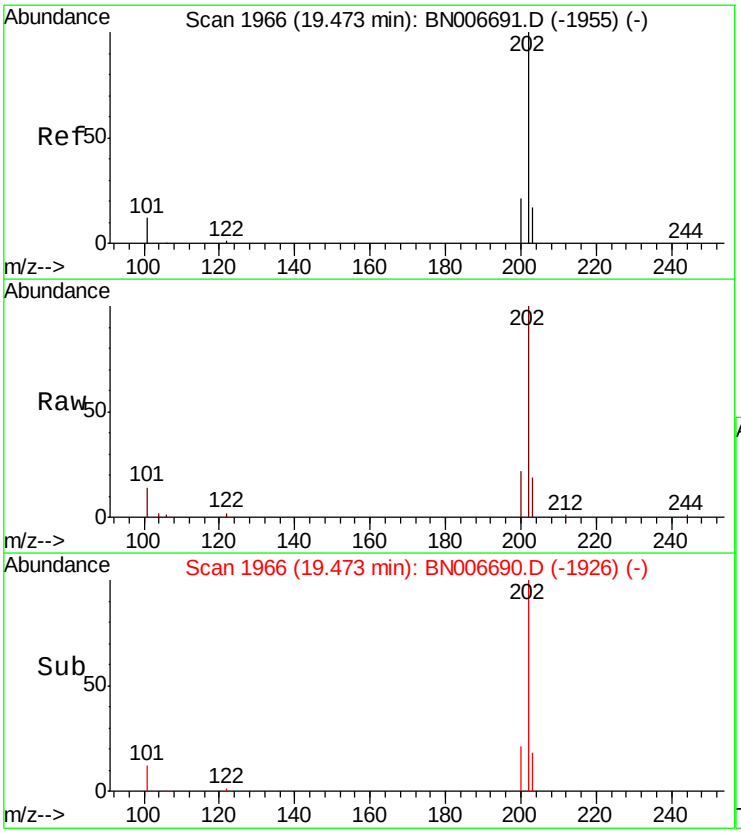
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 14506

Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.9	19.3#
236	28.0	23.2	34.8

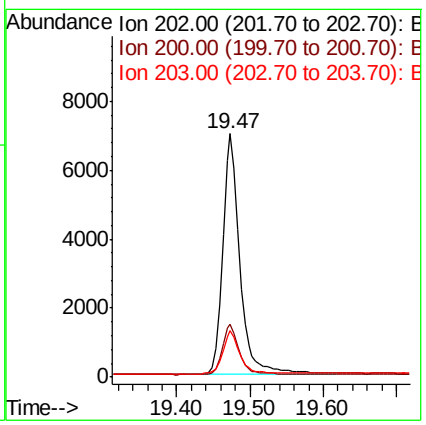


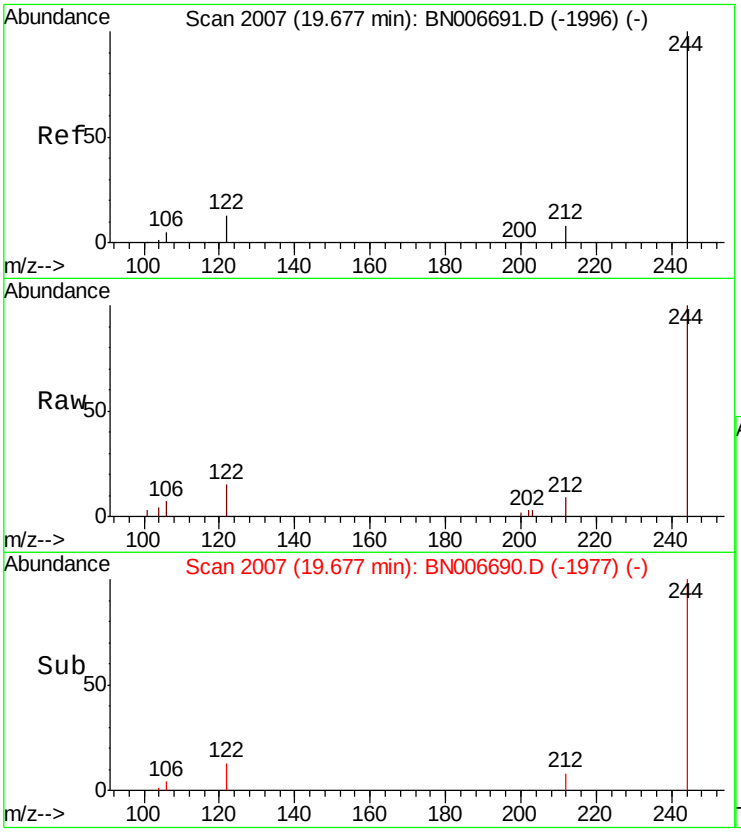


#28
Pyrene
Concen: 0.225 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:202 Resp: 11418

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	17.5	14.2	21.2



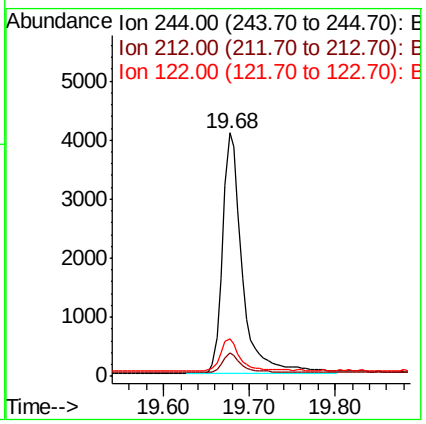


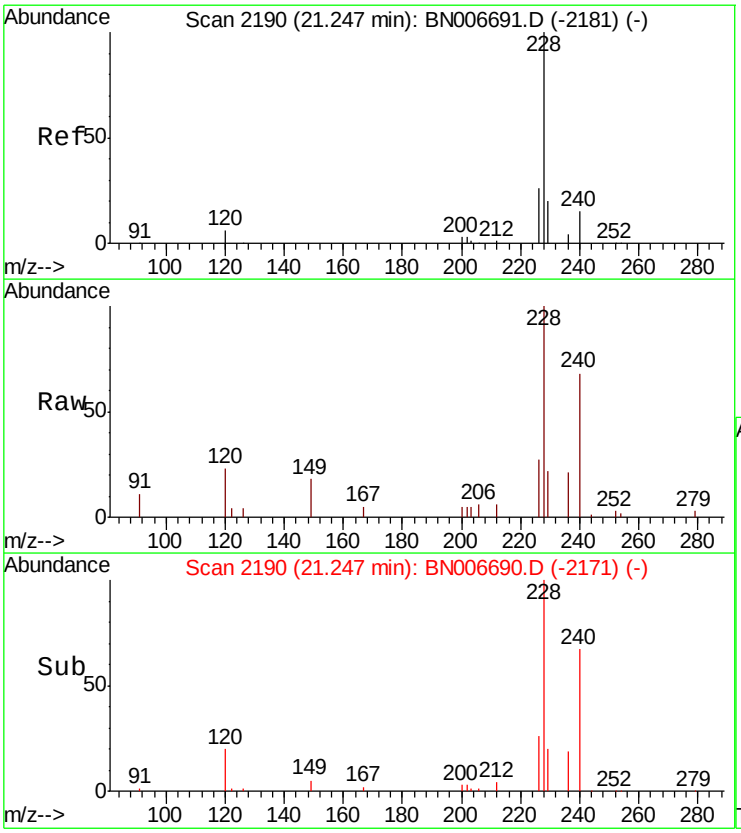
#29
Terphenyl-d14
Concen: 0.215 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 6531

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.4
122	15.5	11.5	17.3

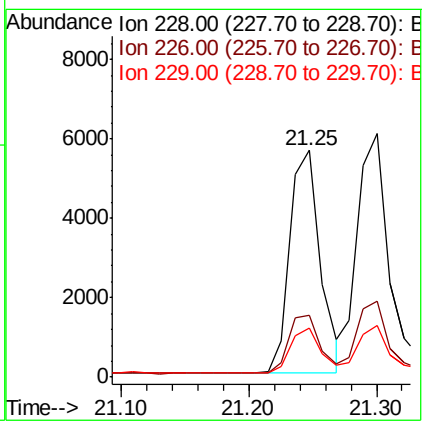


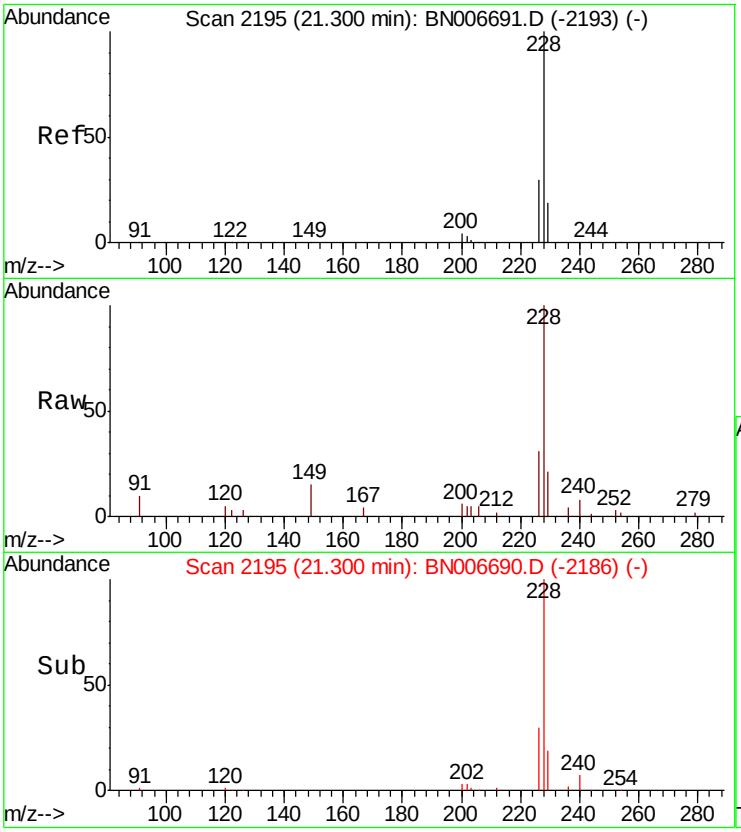


#30
Benzo(a)anthracene
Concen: 0.196 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:228 Resp: 9313

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.5	32.3
229	21.5	16.2	24.4



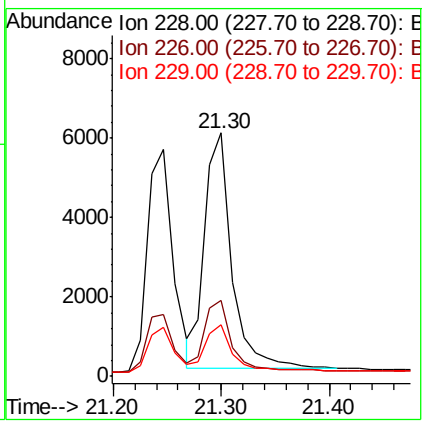


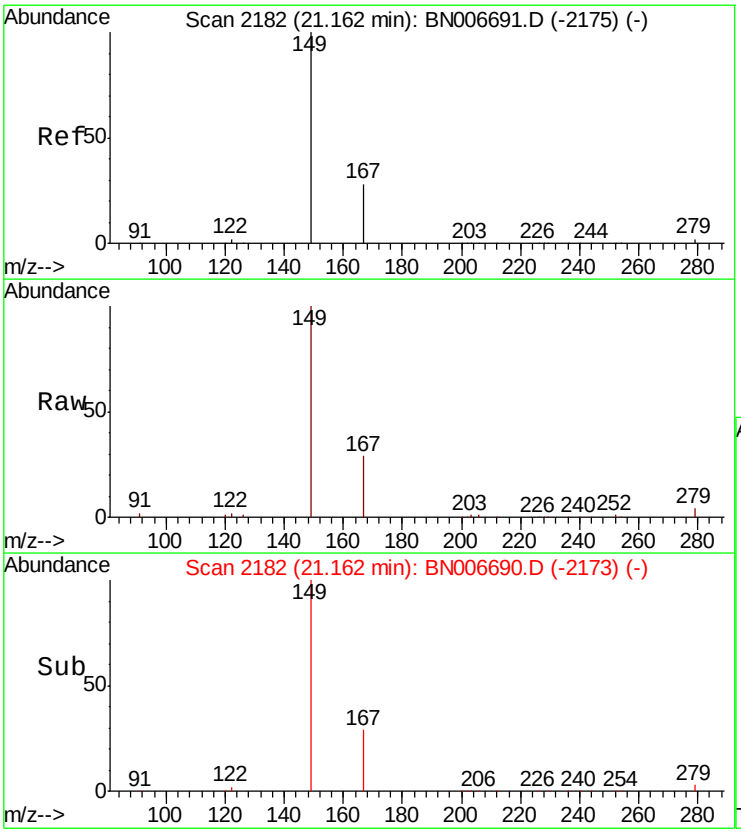
#31
Chrysene
Concen: 0.202 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 10323

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	21.1	15.8	23.6

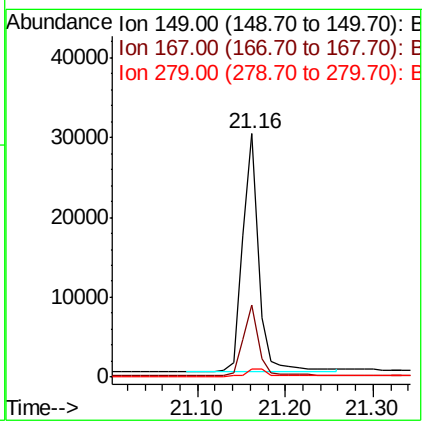


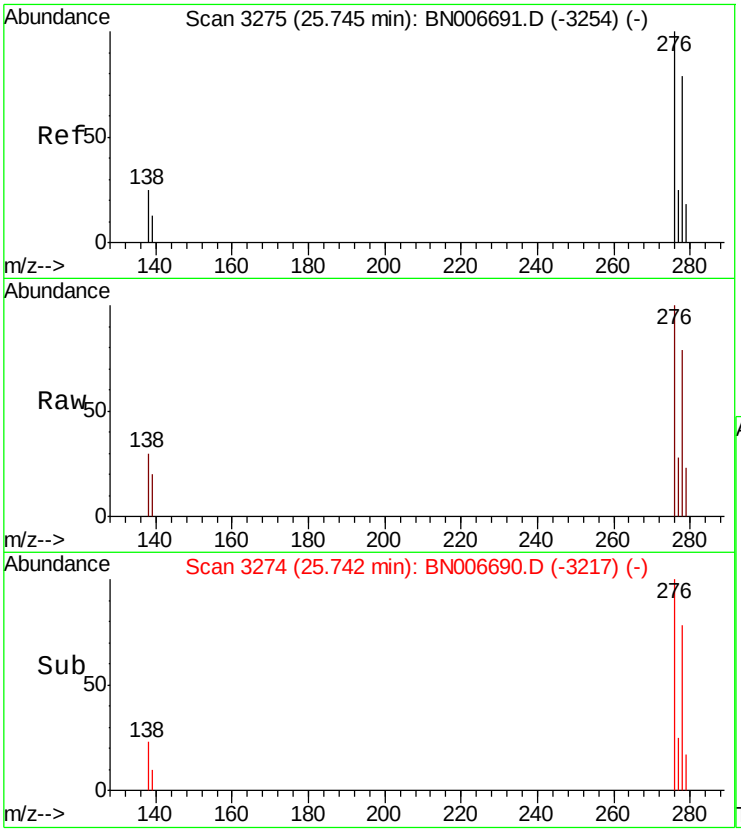


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.583 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:149 Resp: 37786

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.9	34.3
279	3.9	3.2	4.8



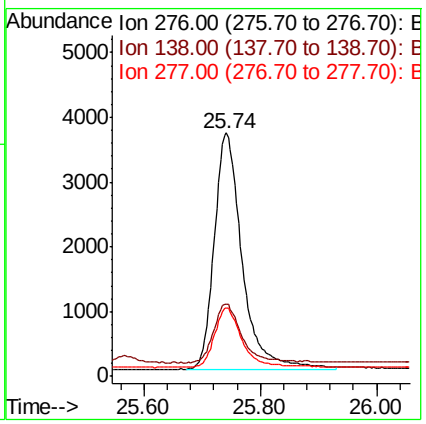


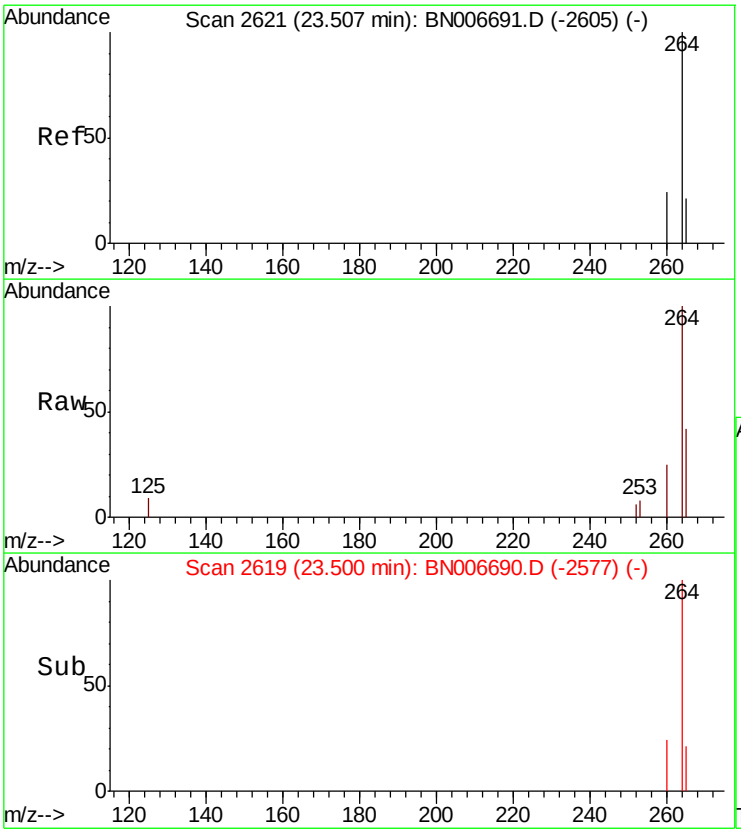
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.235 ng
RT: 25.74 min Scan# 3274
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 12169

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.5	29.3
277	24.1	19.7	29.5

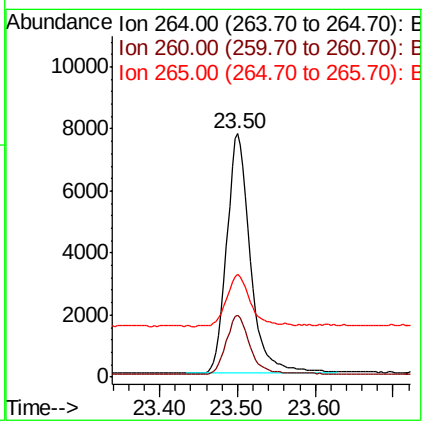


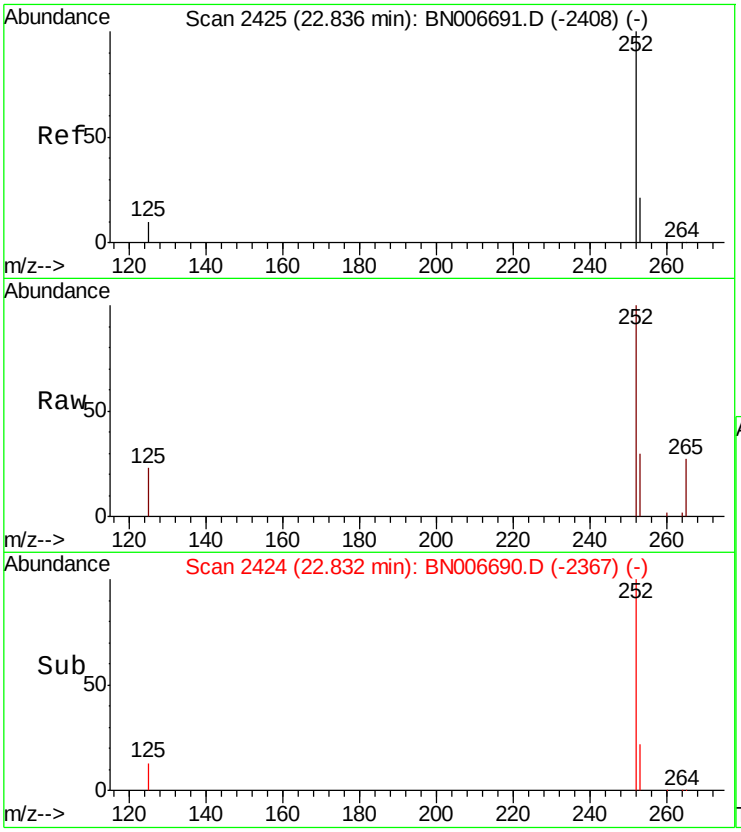


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:264 Resp: 16378

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	42.0	33.7	50.5



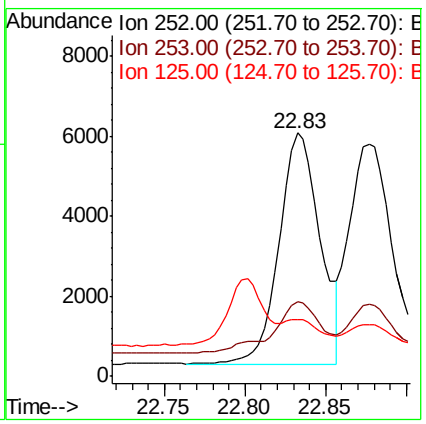


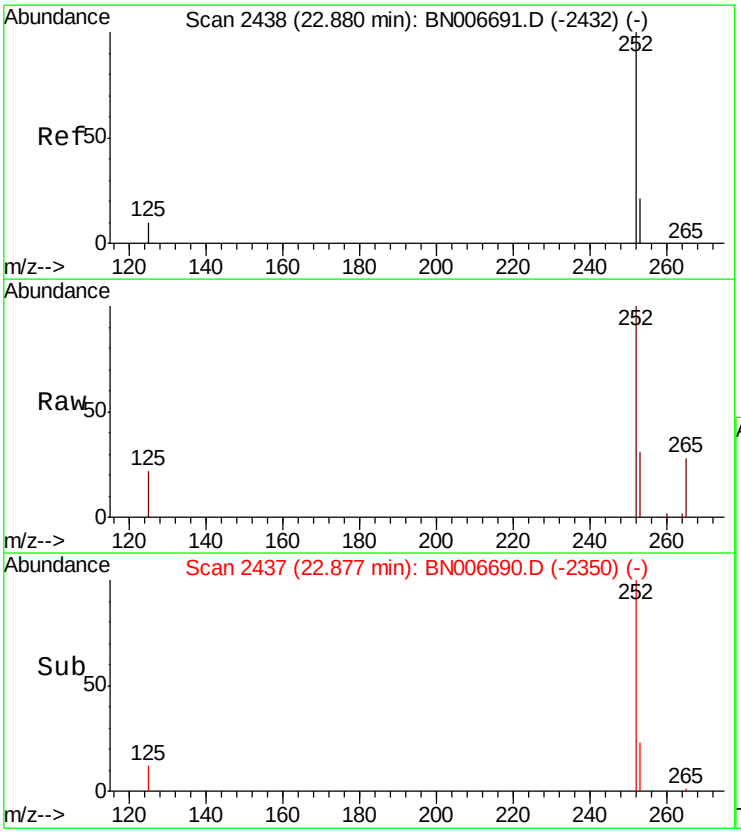
#35
Benzo(b)fluoranthene
Concen: 0.183 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 10171

Ion	Ratio	Lower	Upper
252	100		
253	30.4	20.2	30.2#
125	23.5	11.5	17.3#

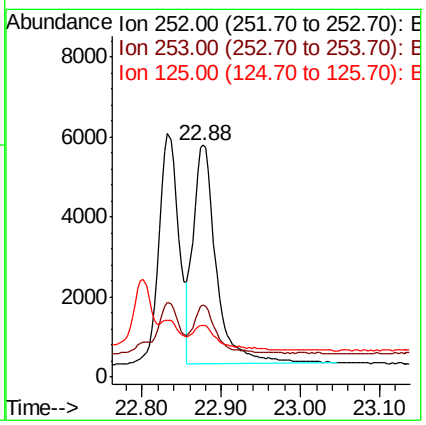


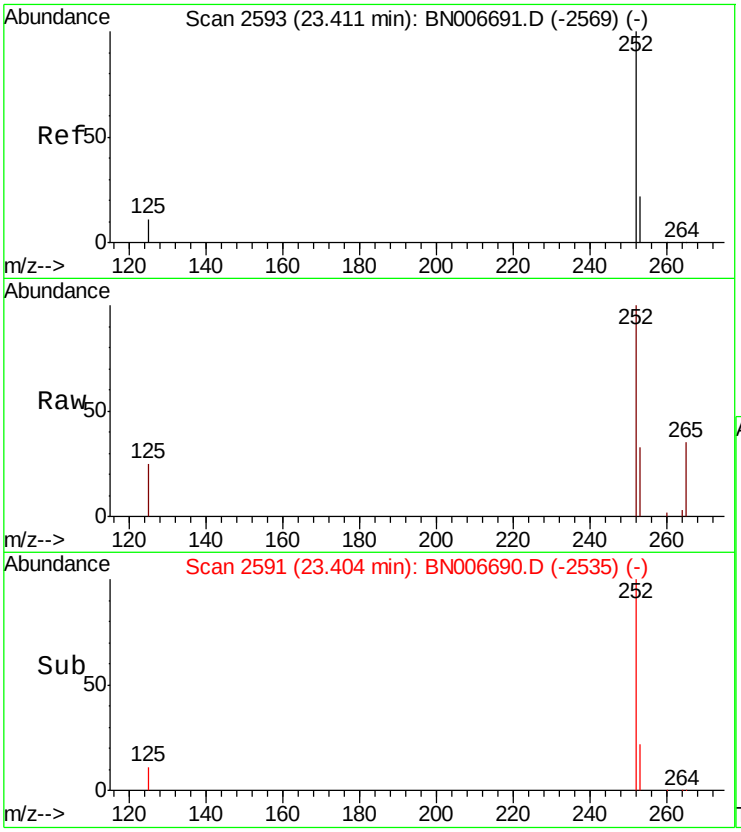


#36
Benzo(k)fluoranthene
Concen: 0.188 ng
RT: 22.88 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:252 Resp: 11157

Ion	Ratio	Lower	Upper
252	100		
253	31.1	20.1	30.1#
125	22.3	11.4	17.0#



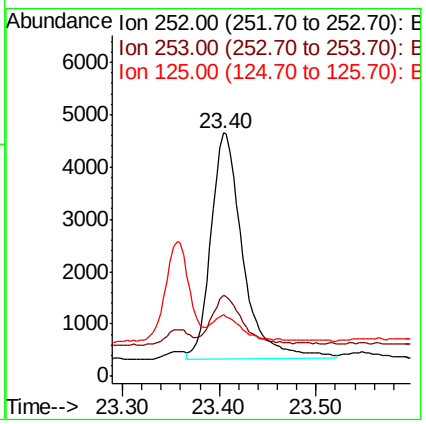


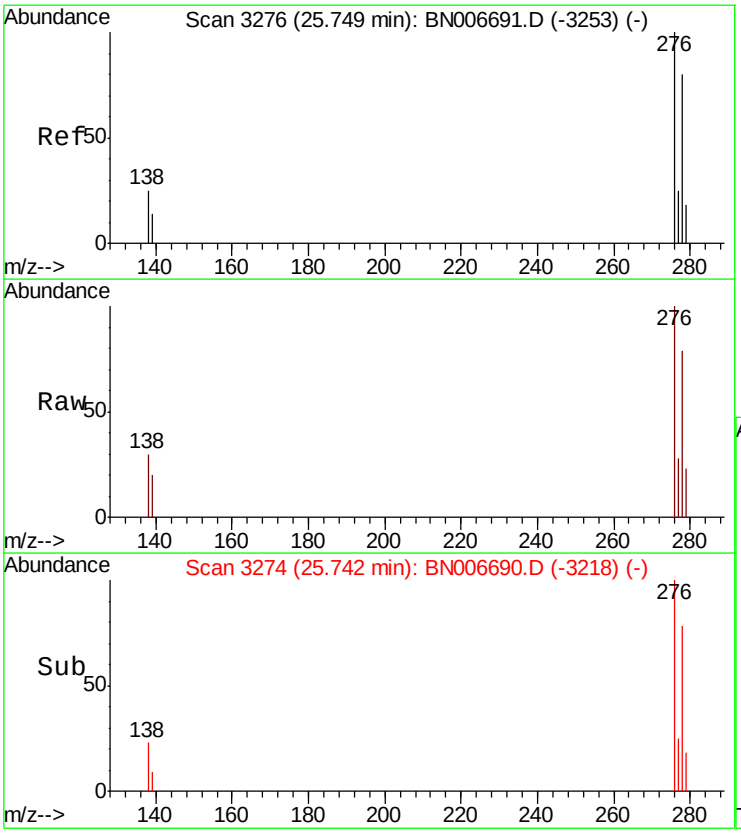
#37
Benzo(a)pyrene
Concen: 0.189 ng
RT: 23.40 min Scan# 2591
Delta R.T. -0.01 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 9836

Ion	Ratio	Lower	Upper
252	100		
253	33.3	21.4	32.2#
125	25.4	13.3	19.9#

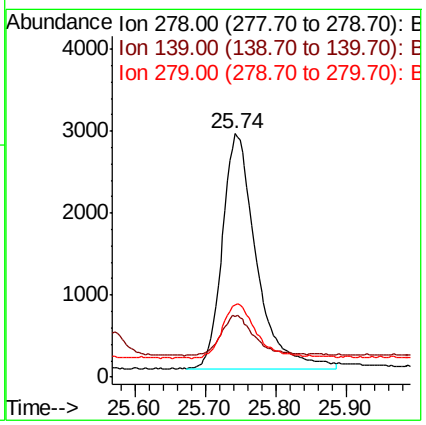


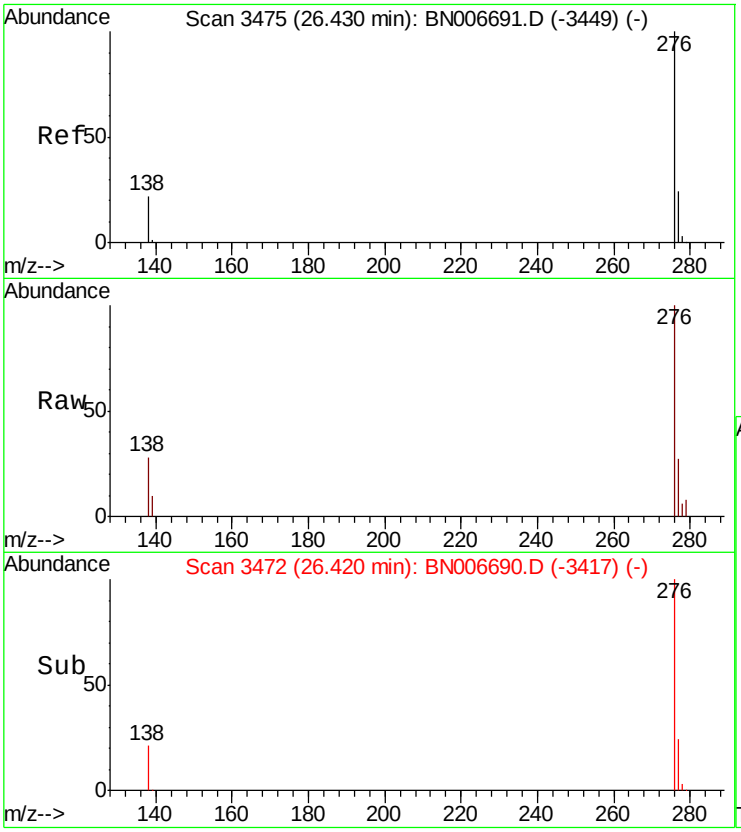


#38
Dibenzo(a,h)anthracene
Concen: 0.211 ng
RT: 25.74 min Scan# 3274
Delta R.T. -0.01 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:278 Resp: 9617

Ion	Ratio	Lower	Upper
278	100		
139	24.9	16.2	24.4#
279	29.7	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.223 ng
RT: 26.42 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 10116

Ion	Ratio	Lower	Upper
276	100		
277	27.3	20.6	30.8
138	27.7	19.7	29.5