Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
Data File : BN006689.D
Acq On : 02 Jul 2019 13:27
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jul 02 17:43:55 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	7.61	152	3322	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	13107	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	7316	0.40	ng		0.00
19) Phenanthrene-d10	17.03	188	16310	0.40	ng		0.00
27) Chrysene-d12	21.26	240	14627	0.40	ng		0.00
34) Perylene-d12	23.49	264	16557	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	952	0.12	ng		0.00
5) Phenol-d6	6.84	99	1138	0.11	ng		0.00
8) Nitrobenzene-d5	8.79	82	1036	0.12	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	2015	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	392	0.11	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	2792	0.10	ng		0.00
25) Fluoranthene-d10	19.08	212	4715	0.10	ng		0.00
29) Terphenyl-d14	19.68	244	3438	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	622	0.135	ng	#	76
6) bis(2-Chloroethyl)ether	7.06	93	939	0.098	ng		93
9) Naphthalene	10.44	128	4192	0.122	ng	#	91
10) Hexachlorobutadiene	10.72	225	747	0.106	ng	#	100
12) 2-Methylnaphthalene	12.07	142	4325	0.182	ng		96
16) Acenaphthylene	13.99	152	3475	0.100	ng		99
17) Acenaphthene	14.33	154	2269	0.099	ng		98
18) Fluorene	15.32	166	2908	0.100	ng		99
20) 4-Bromophenyl-phenylether	16.22	248	964	0.107	ng	#	39
21) Hexachlorobenzene	16.33	284	1108	0.097	ng		97
23) Phenanthrene	17.07	178	5095	0.110	ng		99
24) Anthracene	17.16	178	4183	0.104	ng		99
26) Fluoranthene	19.11	202	5830	0.103	ng		99
28) Pyrene	19.47	202	6513	0.127	ng		100
30) Benzo(a)anthracene	21.24	228	4988	0.104	ng		93
31) Chrysene	21.29	228	5238	0.102	ng		93
32) Bis(2-ethylhexyl)phthalate	21.16	149	60209	2.502	ng		100
33) Indeno(1,2,3-cd)pyrene	25.74	276	6148	0.118	ng		99
35) Benzo(b)fluoranthene	22.83	252	5094	0.090	ng	#	48
36) Benzo(k)fluoranthene	22.87	252	5576	0.093	ng	#	54
37) Benzo(a)pyrene	23.40	252	4671	0.089	ng	#	46
38) Dibenzo(a,h)anthracene	25.74	278	4976	0.108	ng	#	71
39) Benzo(g,h,i)perylene	26.42	276	5160	0.112	ng	#	82

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

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: Jul 02 17:43:55 2019
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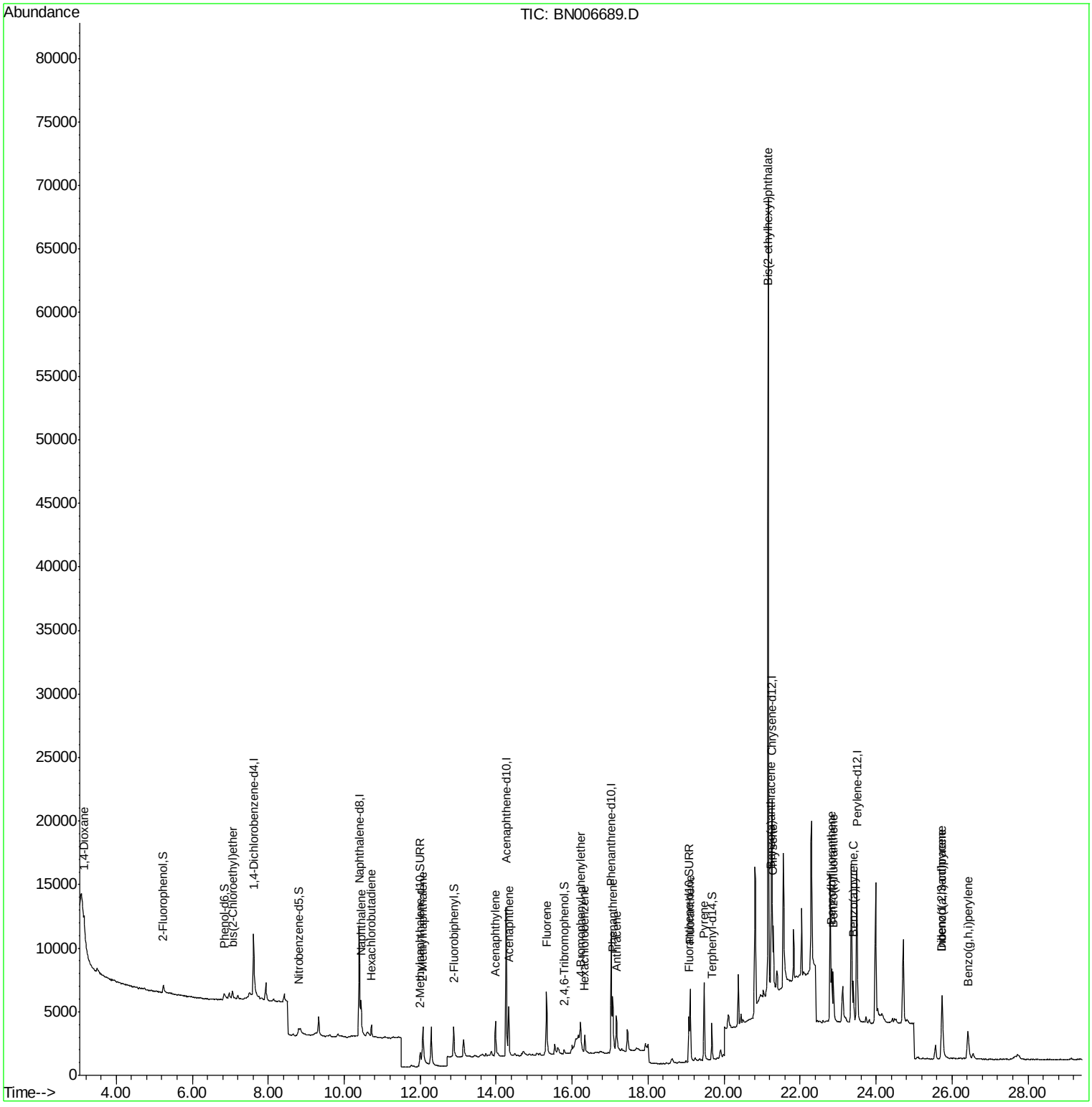
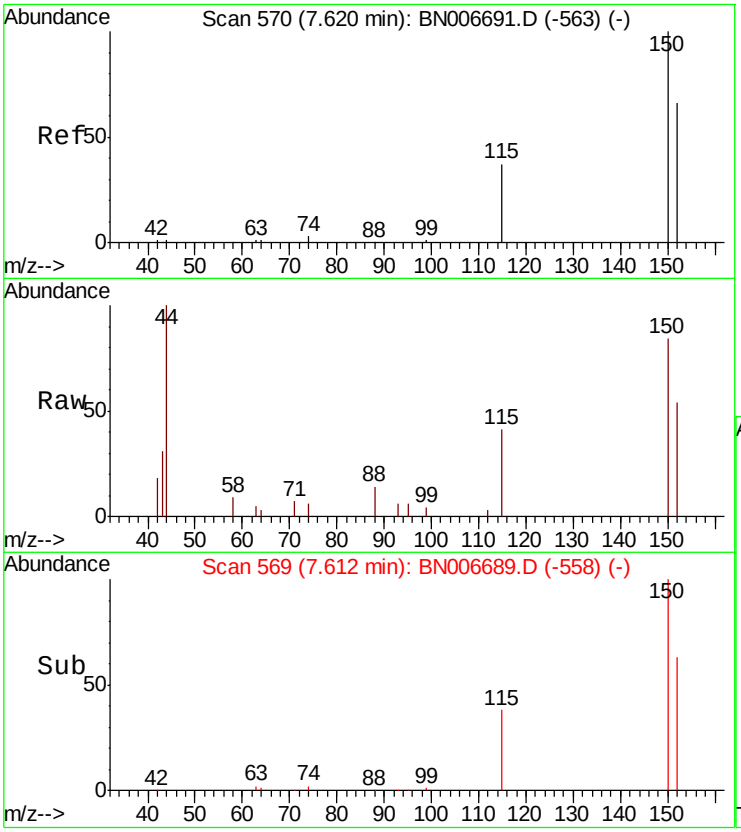
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:02:12 2019
Response via : Initial Calibration



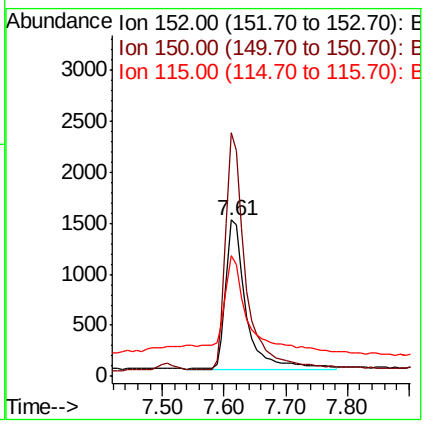


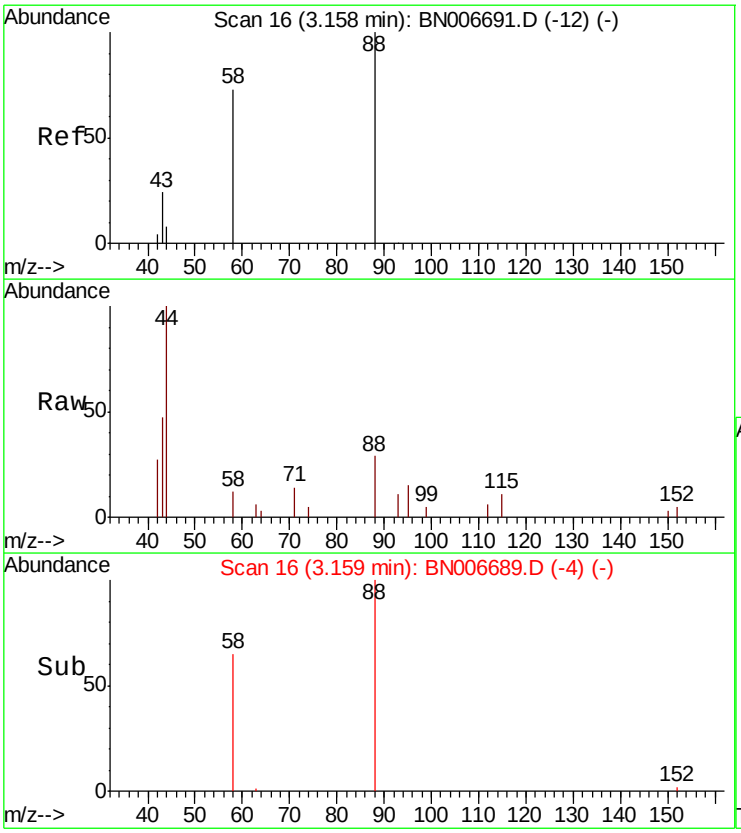
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3322

Ion	Ratio	Lower	Upper
152	100		
150	156.0	120.6	181.0
115	77.0	51.0	76.6#

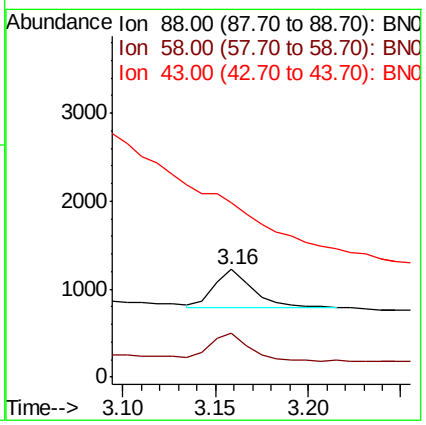


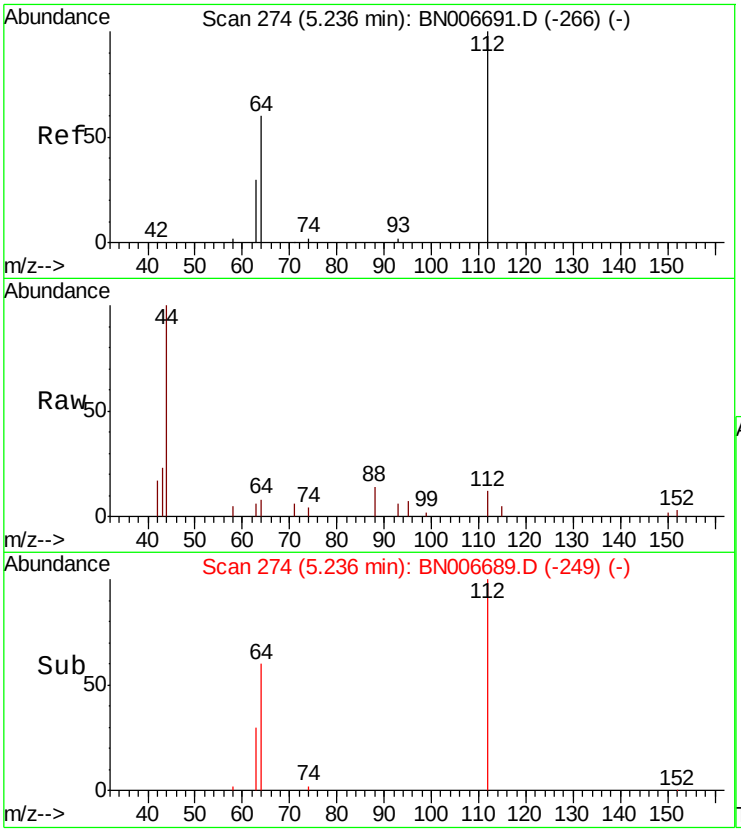


#2
1,4-Dioxane
Concen: 0.135 ng
RT: 3.16 min Scan# 16
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion: 88 Resp: 622

Ion	Ratio	Lower	Upper
88	100		
58	78.0	61.1	91.7
43	0.0	32.4	48.6#



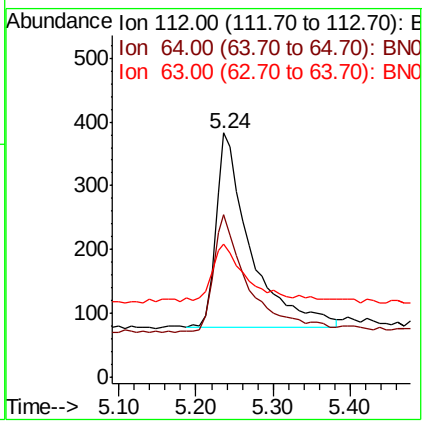


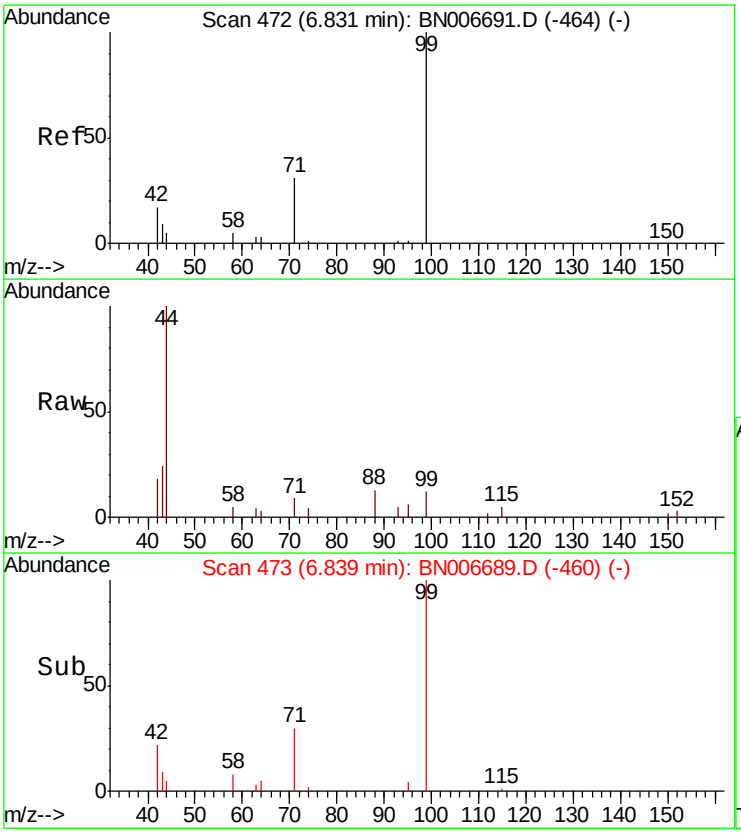
#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.24 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:112 Resp: 952

Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.8	74.6
63	29.2	25.8	38.6

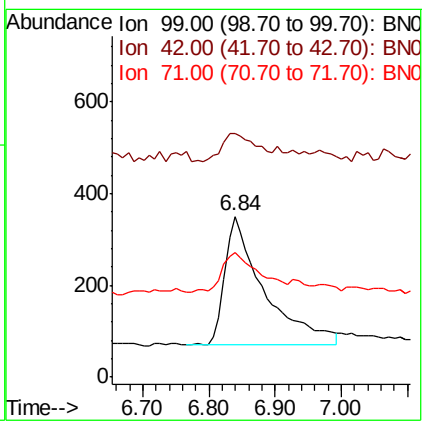


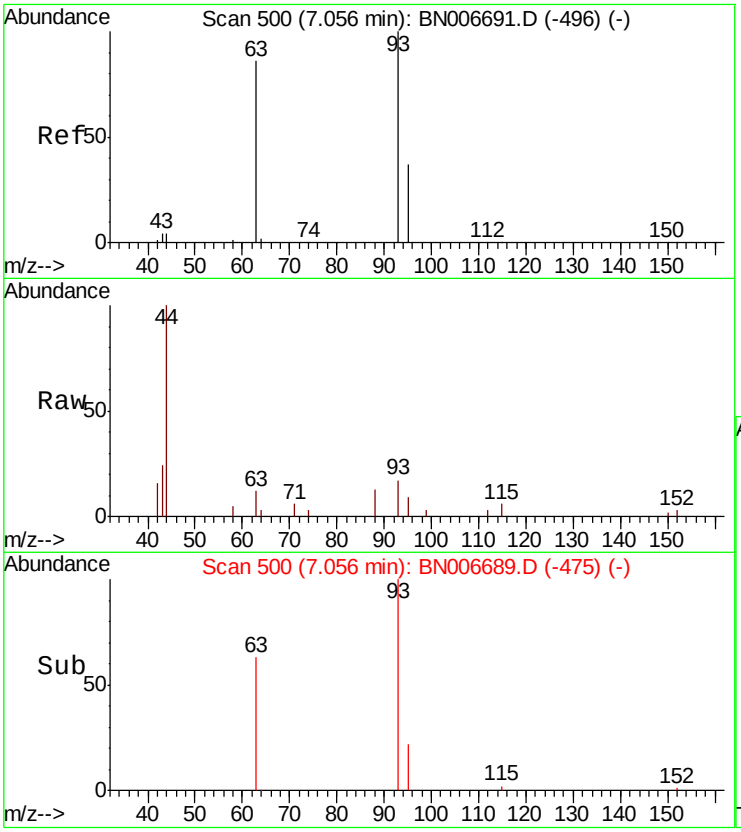


#5
Phenol-d6
Concen: 0.106 ng
RT: 6.84 min Scan# 473
Delta R.T. 0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion: 99 Resp: 1138

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.6	25.0
71	29.2	26.0	39.0



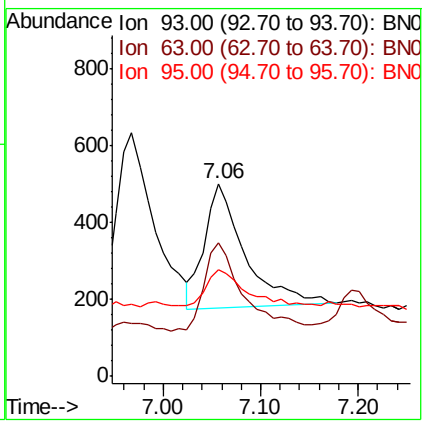


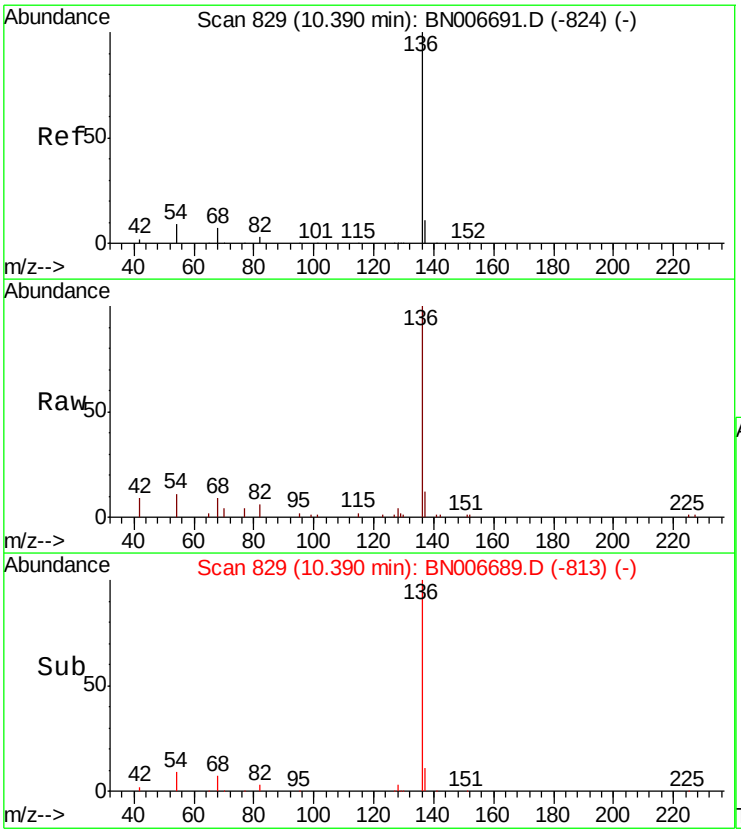
#6
bis(2-Chloroethyl)ether
Concen: 0.098 ng
RT: 7.06 min Scan# 500
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 939

Ion	Ratio	Lower	Upper
93	100		
63	68.3	58.6	87.8
95	29.7	28.3	42.5

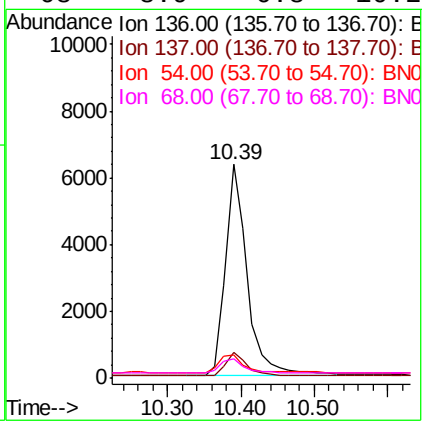


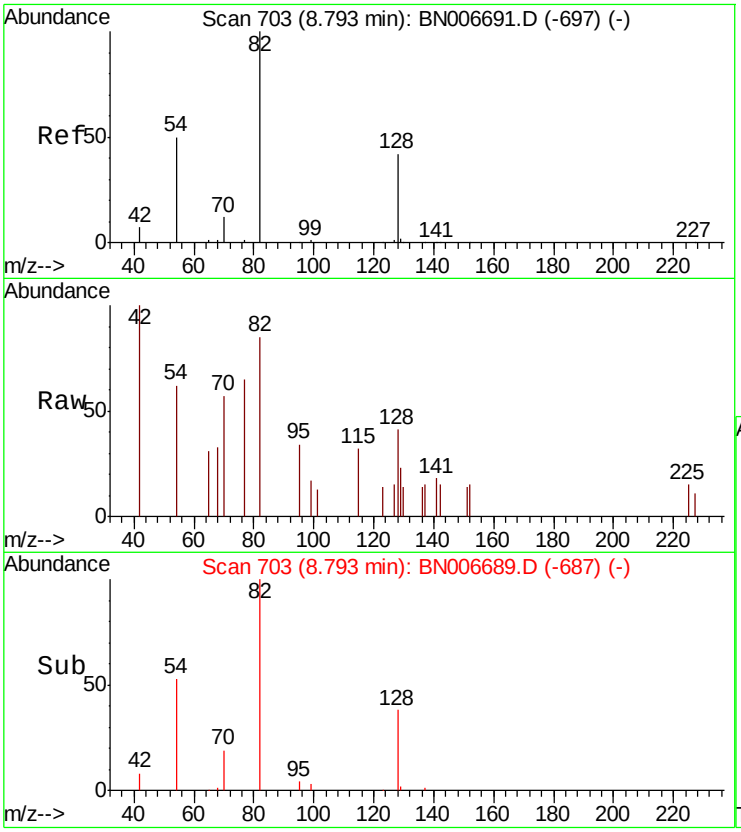


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:136 Resp: 13107

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	11.0	8.4	12.6
68	8.9	6.8	10.2



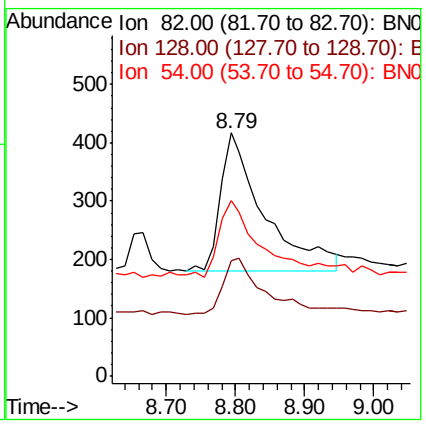


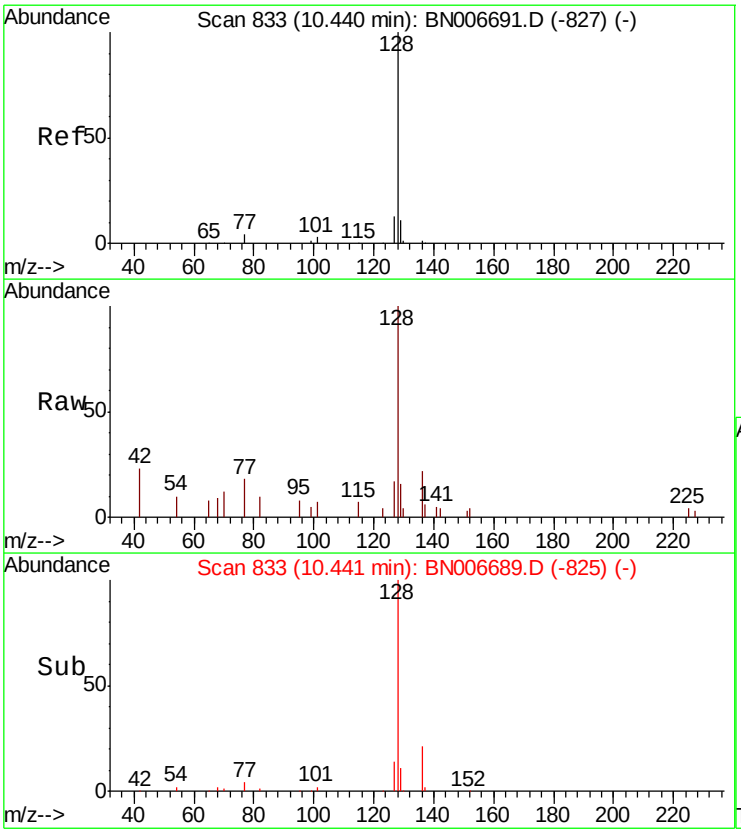
#8
Nitrobenzene-d5
Concen: 0.118 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 1036

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	72.2	44.5	66.7#

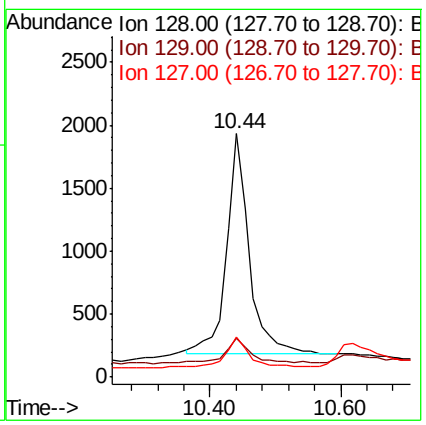


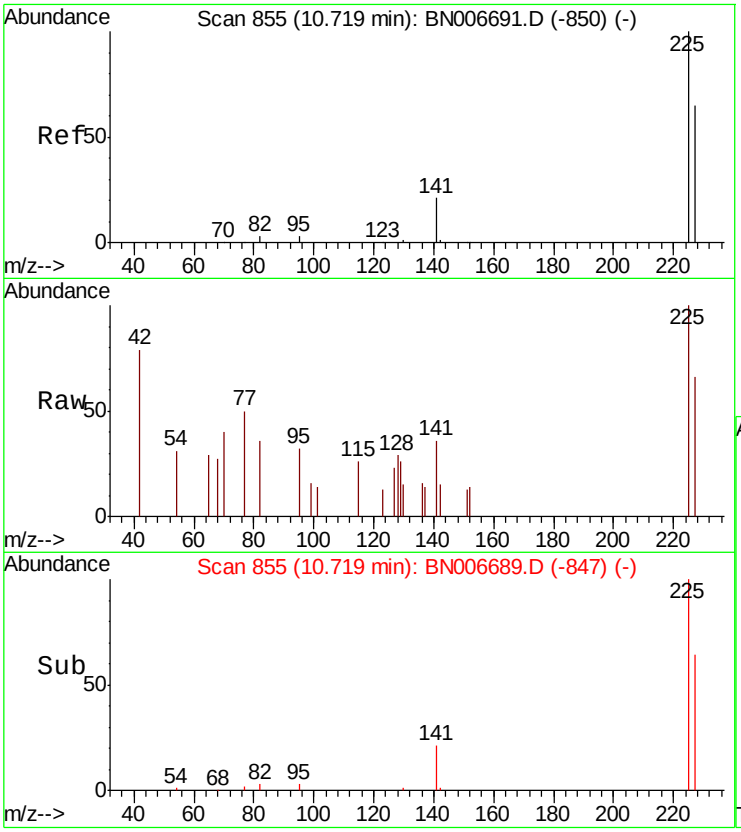


#9
Naphthalene
Concen: 0.122 ng
RT: 10.44 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:128 Resp: 4192

Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.6	14.4#
127	16.6	11.0	16.4#



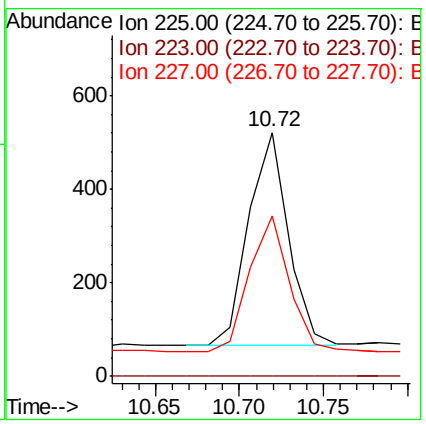


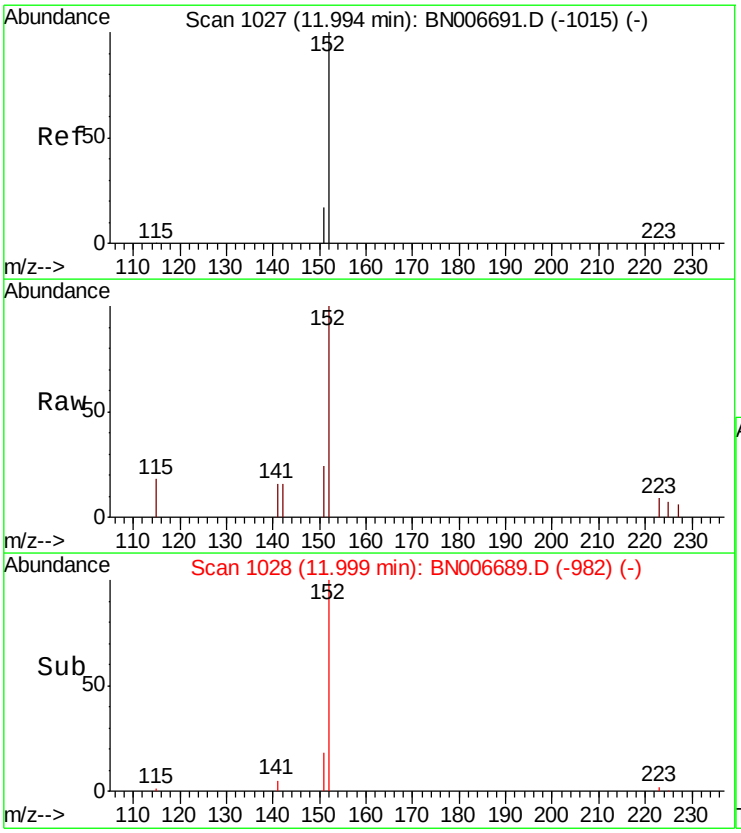
#10
Hexachlorobutadiene
Concen: 0.106 ng
RT: 10.72 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 747

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.9	76.3

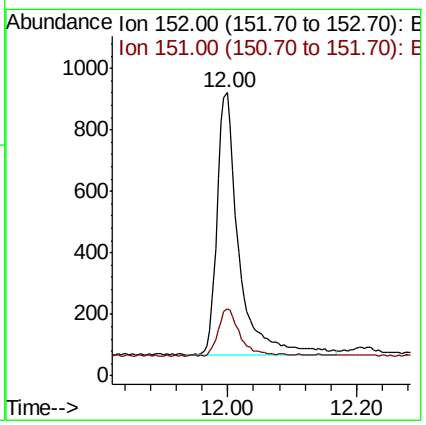


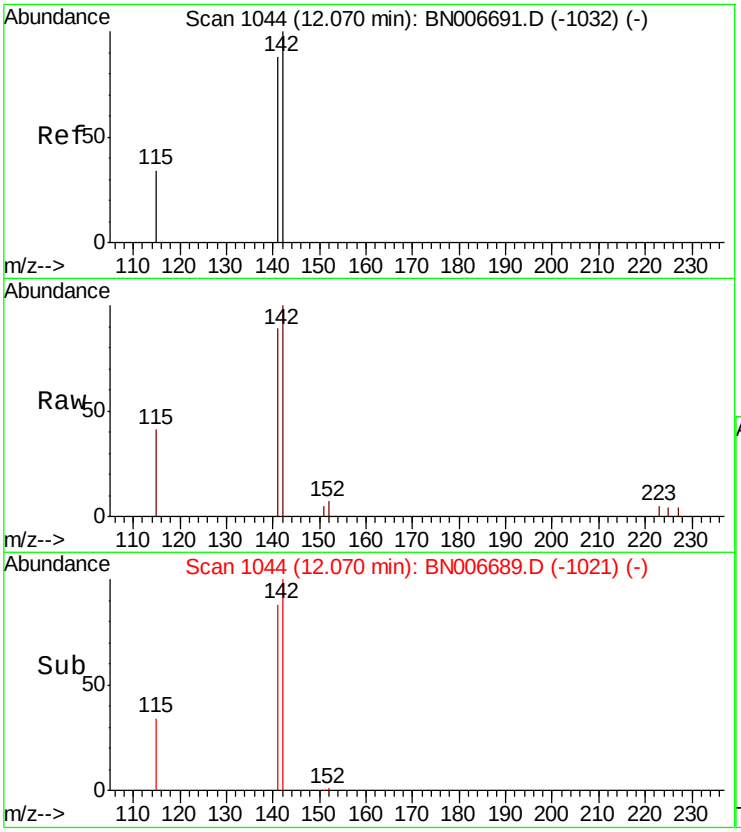


#11
2-Methylnaphthalene-d10
Concen: 0.098 ng
RT: 12.00 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:152 Resp: 2015

Ion	Ratio	Lower	Upper
152	100		
151	17.9	14.9	22.3



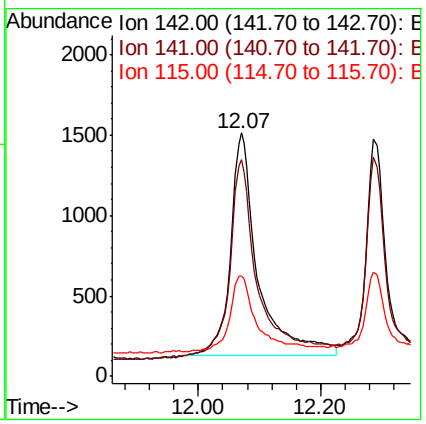


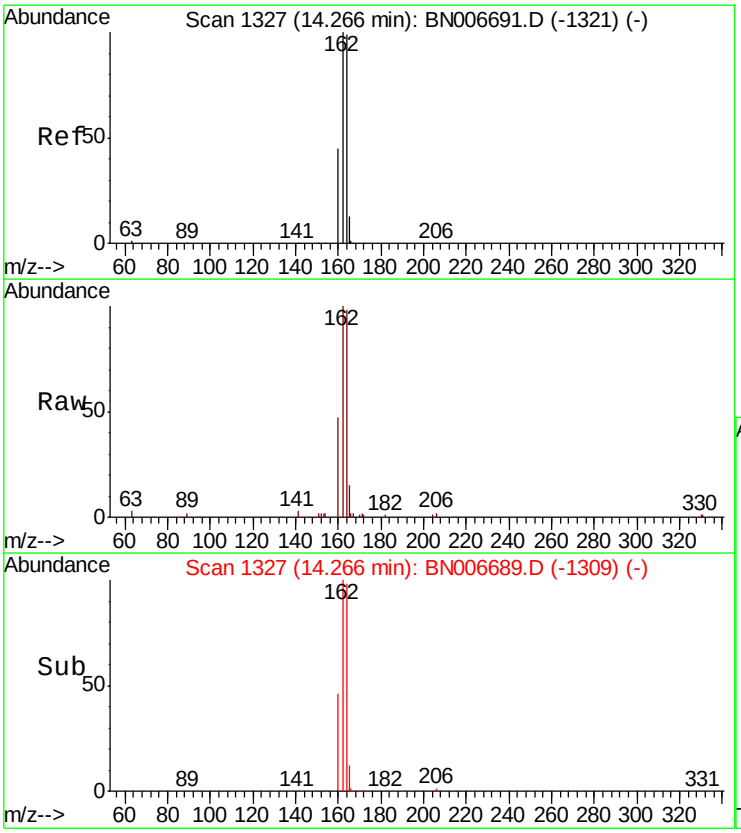
#12
2-Methylnaphthalene
Concen: 0.182 ng
RT: 12.07 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 4325

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	41.2	28.9	43.3

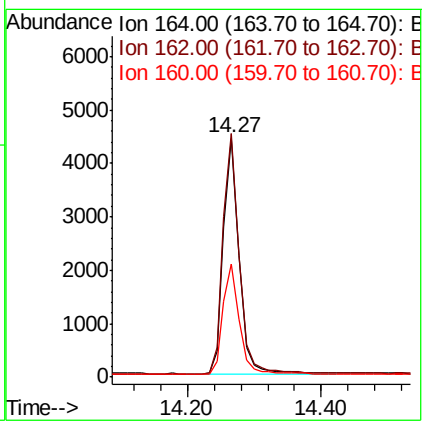


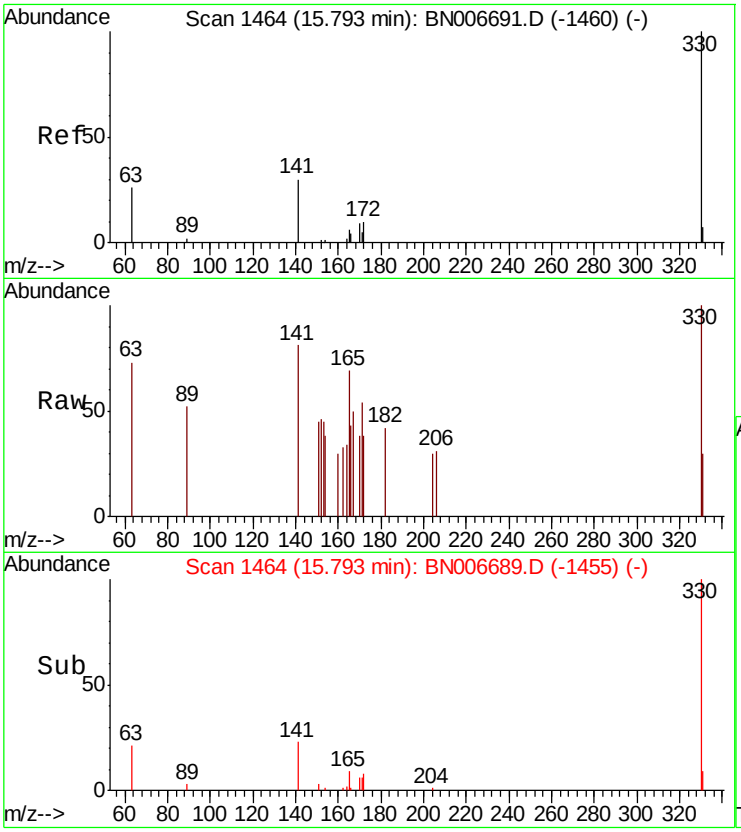


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:164 Resp: 7316

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.8	121.2
160	47.4	37.0	55.6



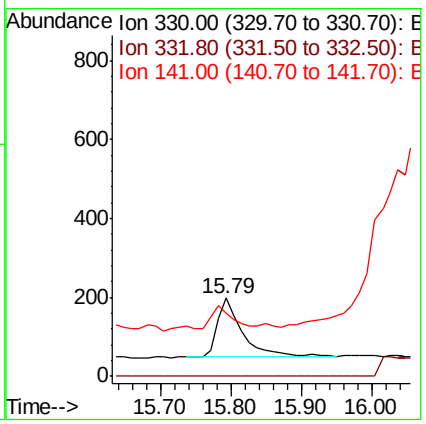


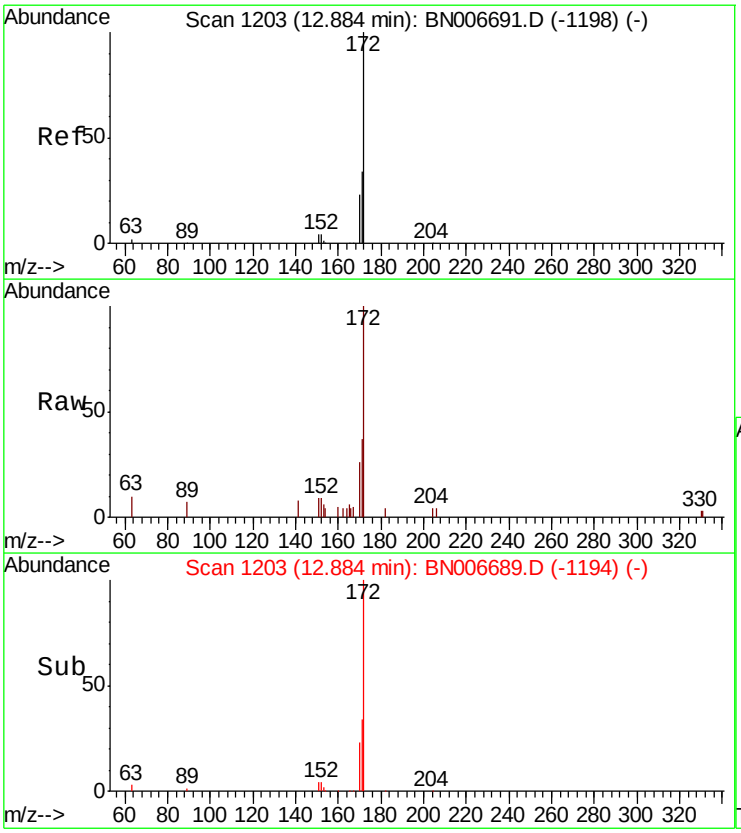
#14
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 15.79 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 392

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.3	24.8	37.2

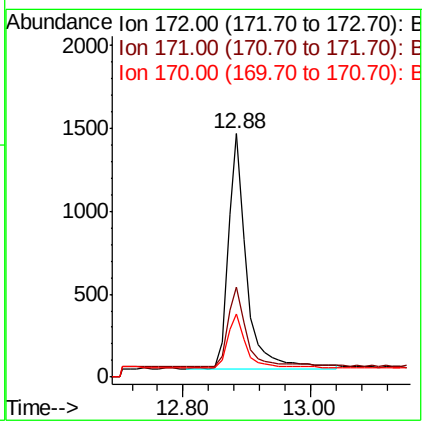


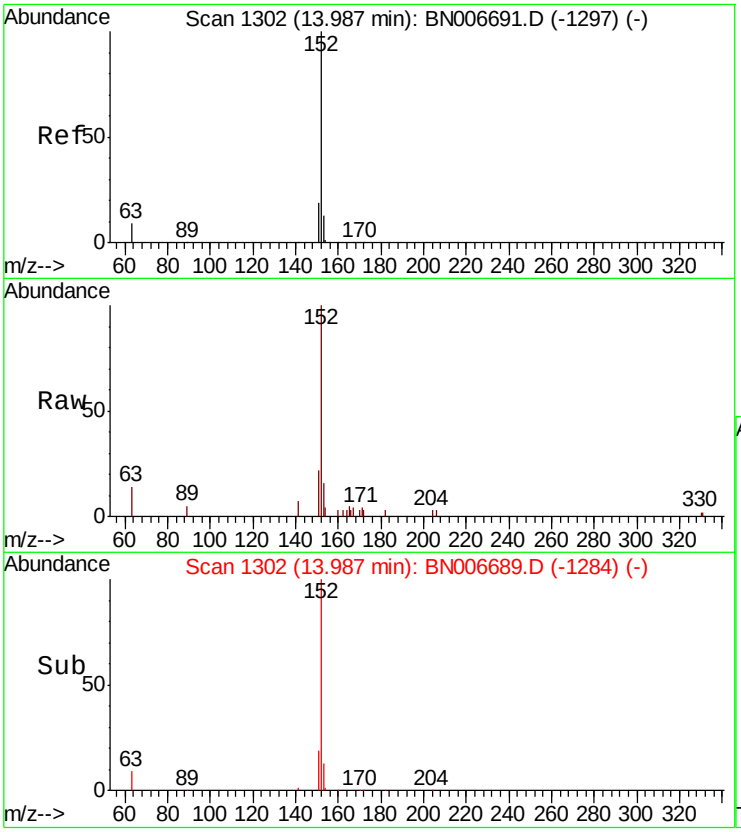


#15
2-Fluorobiphenyl
Concen: 0.103 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:172 Resp: 2792

Ion	Ratio	Lower	Upper
172	100		
171	37.1	27.8	41.6
170	25.7	18.9	28.3



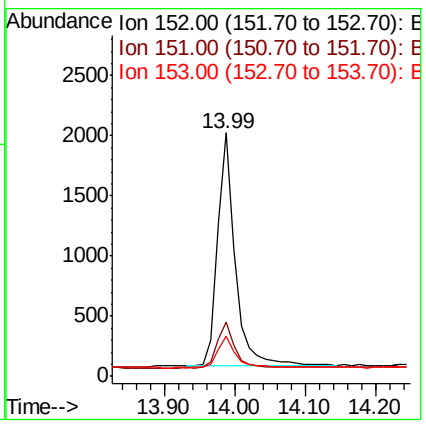


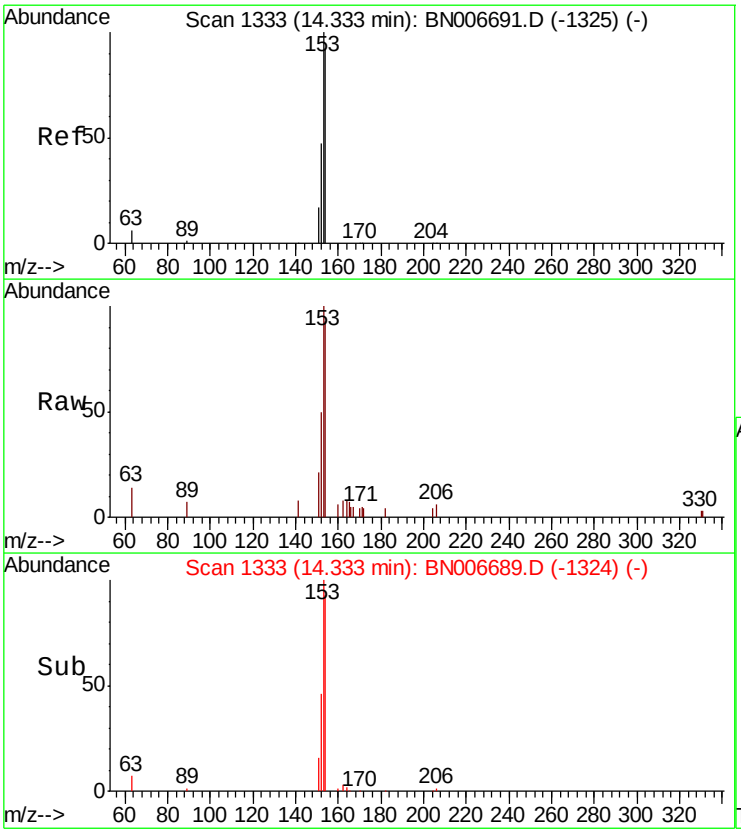
#16
Acenaphthylene
Concen: 0.100 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3475

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.5	10.6	15.8

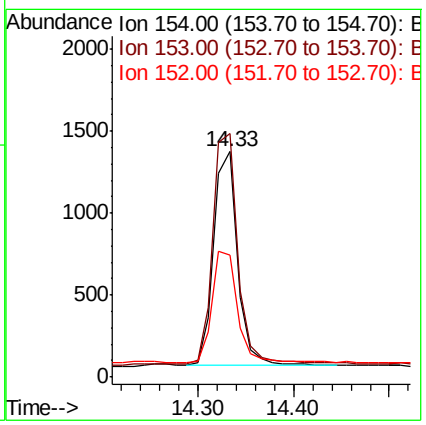


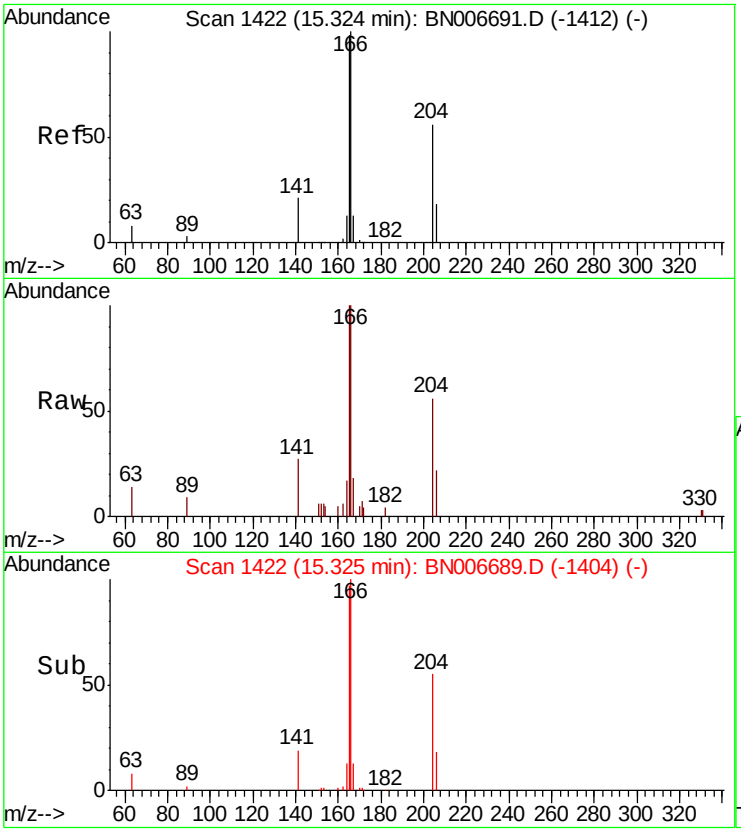


#17
Acenaphthene
Concen: 0.099 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:154 Resp: 2269

Ion	Ratio	Lower	Upper
154	100		
153	113.2	88.9	133.3
152	55.6	42.8	64.2



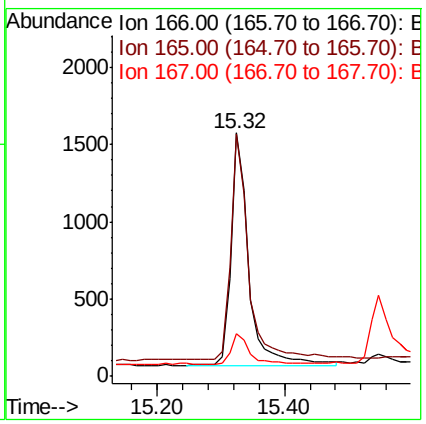


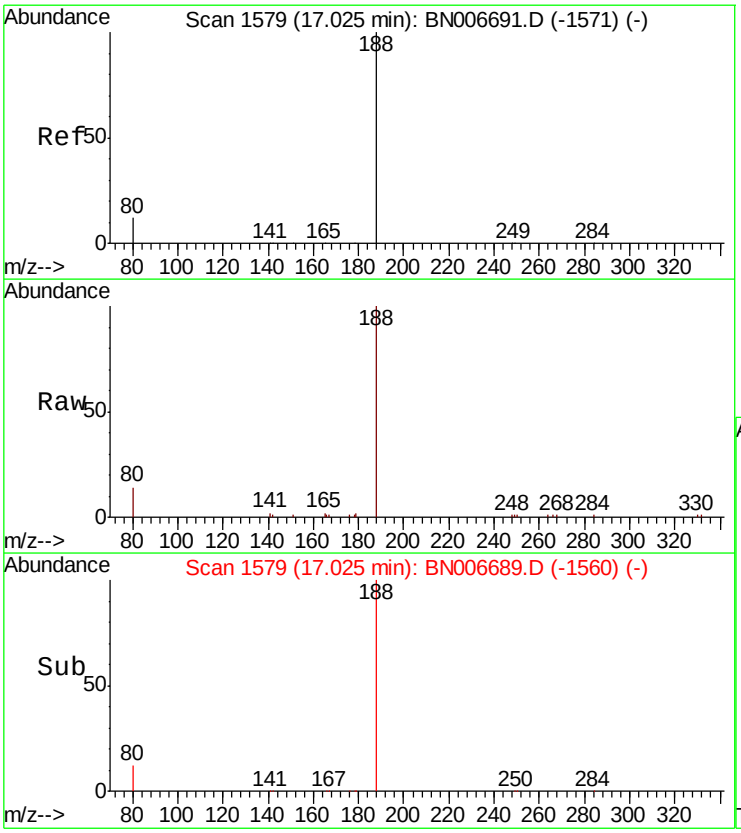
#18
Fluorene
Concen: 0.100 ng
RT: 15.32 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 2908

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.0	117.0
167	13.8	10.7	16.1

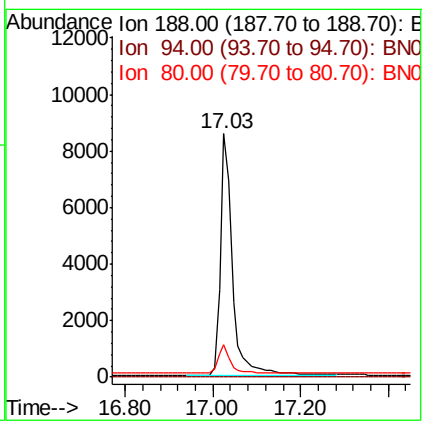


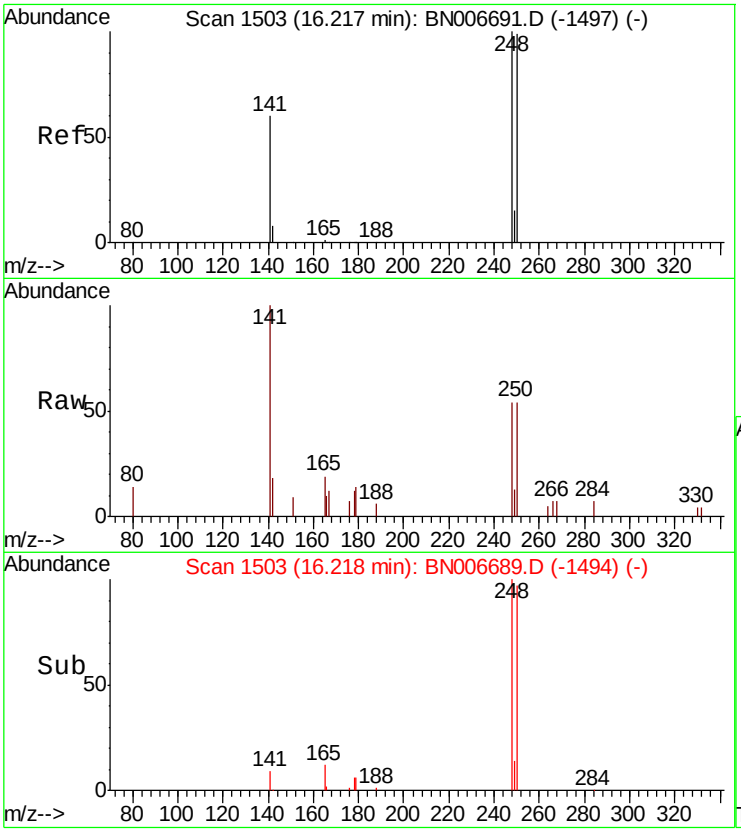


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:188 Resp: 16310

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	10.3	15.5



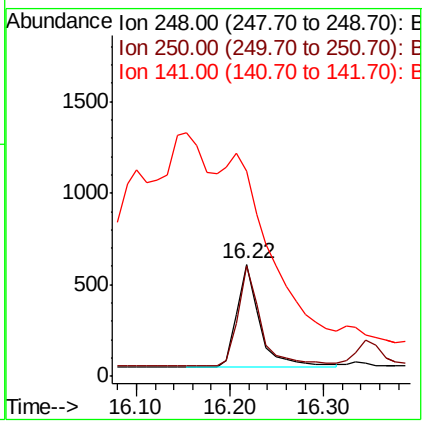


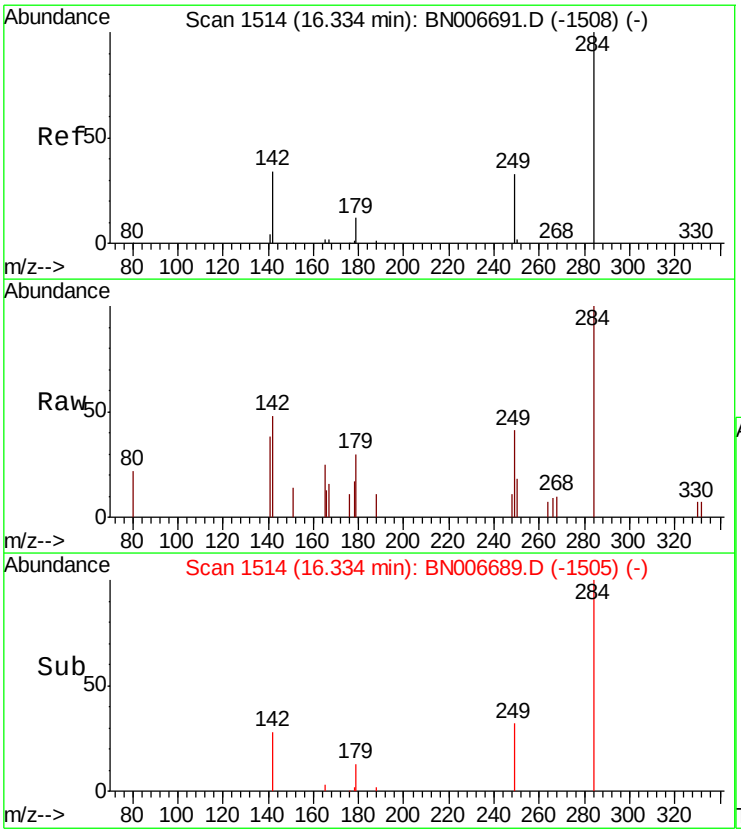
#20
4-Bromophenyl-phenylether
Concen: 0.107 ng
RT: 16.22 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 964

Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.0	118.6
141	183.8	50.2	75.4#

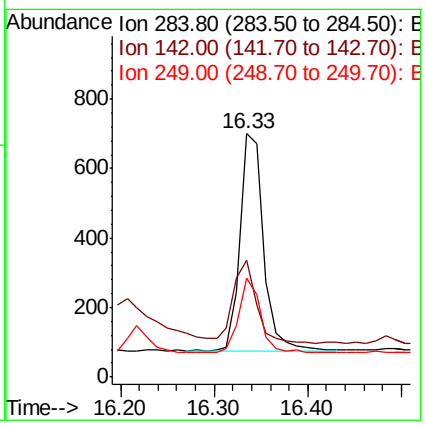


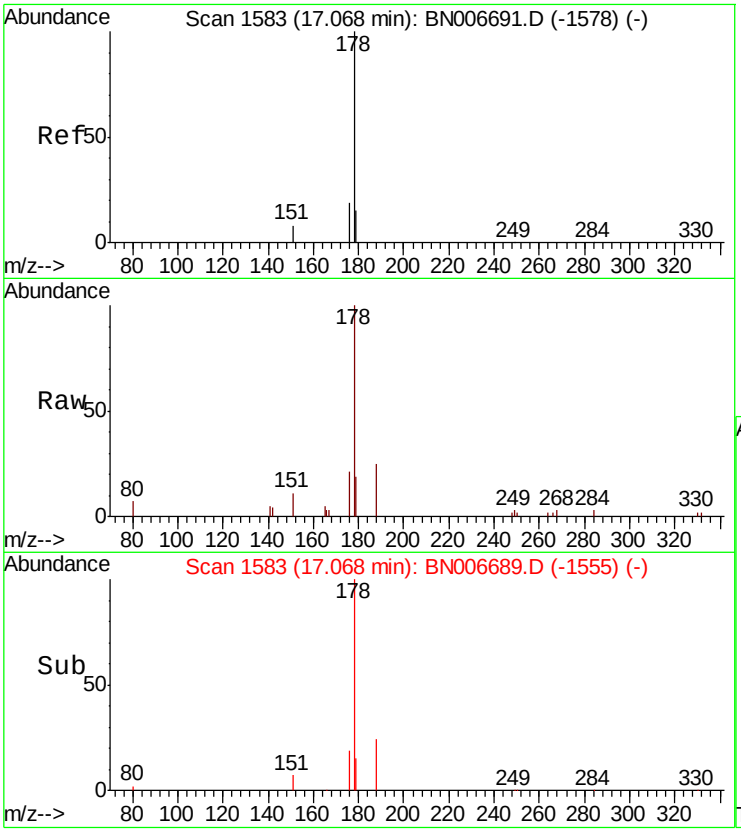


#21
Hexachlorobenzene
Concen: 0.097 ng
RT: 16.33 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:284 Resp: 1108

Ion	Ratio	Lower	Upper
284	100		
142	36.1	26.9	40.3
249	31.6	24.4	36.6



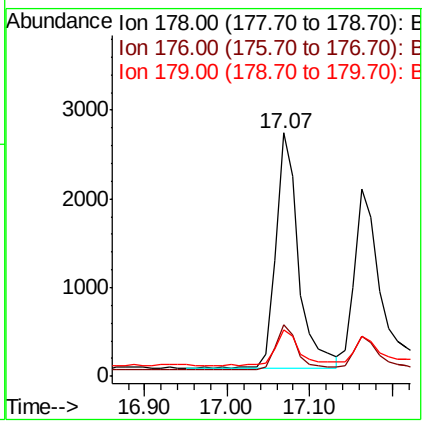


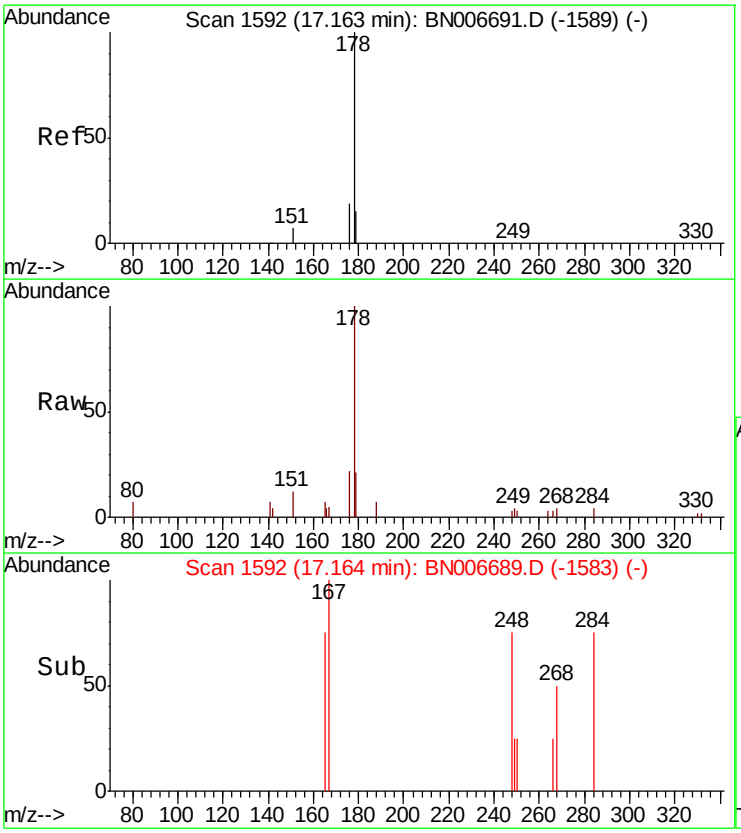
#23
Phenanthrene
Concen: 0.110 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 5095

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	16.0	12.4	18.6

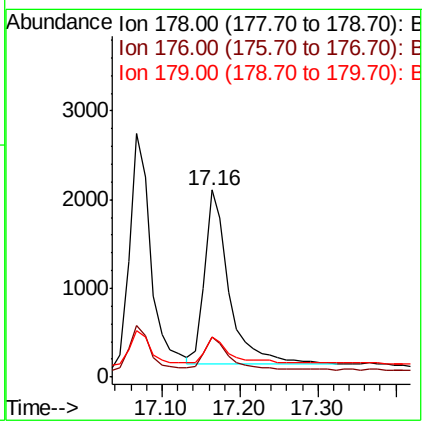


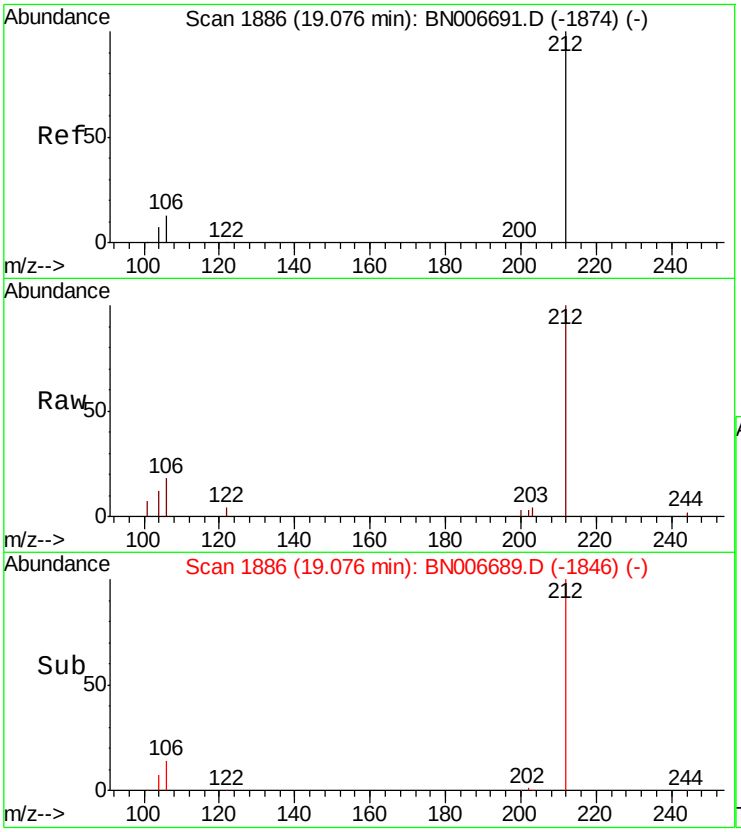


#24
Anthracene
Concen: 0.104 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:178 Resp: 4183

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.8	22.2
179	15.1	11.9	17.9



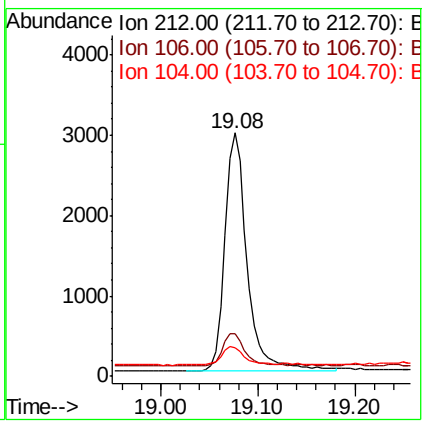


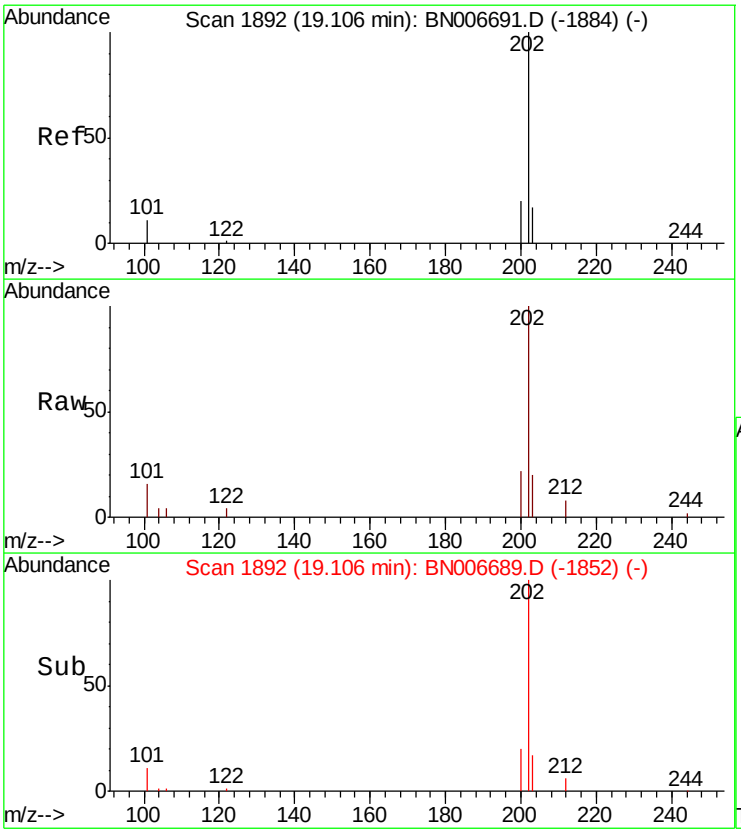
#25
Fluoranthene-d10
Concen: 0.098 ng
RT: 19.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 4715

Ion	Ratio	Lower	Upper
212	100		
106	13.6	11.0	16.6
104	7.8	6.1	9.1

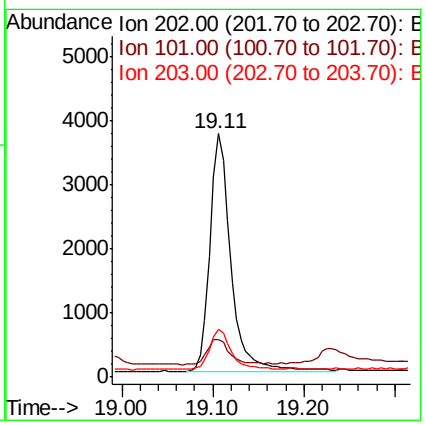


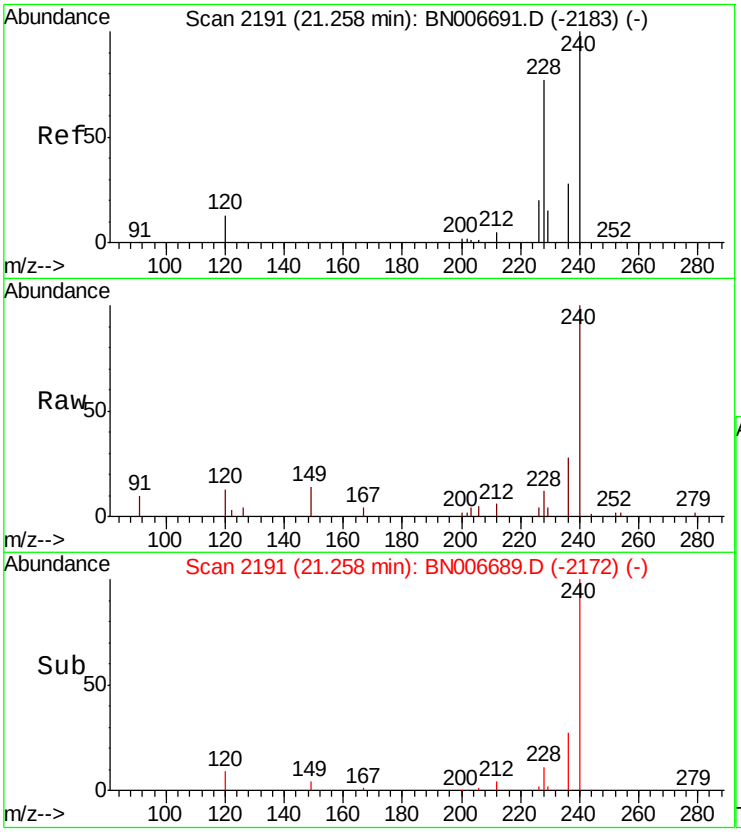


#26
Fluoranthene
Concen: 0.103 ng
RT: 19.11 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:202 Resp: 5830

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.7	13.1
203	17.2	13.8	20.6



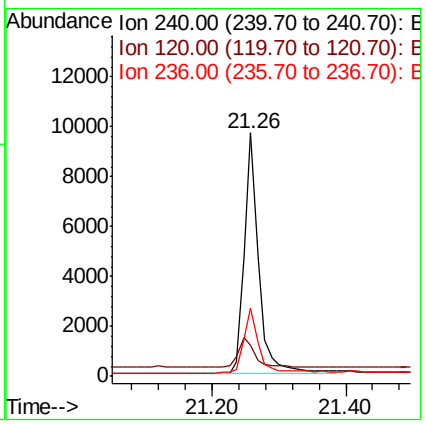


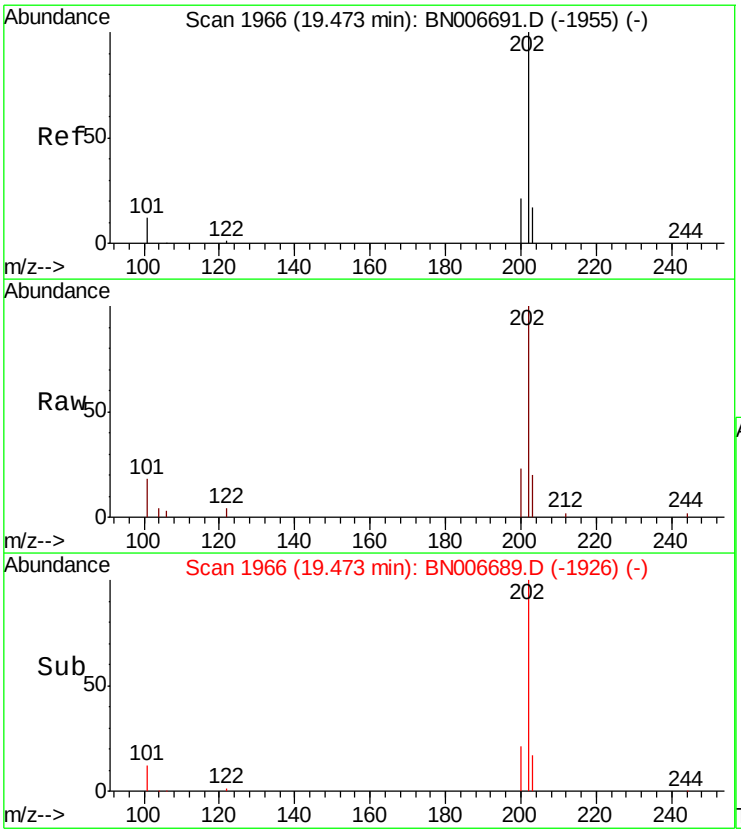
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 14627

Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.9	19.3#
236	27.8	23.2	34.8

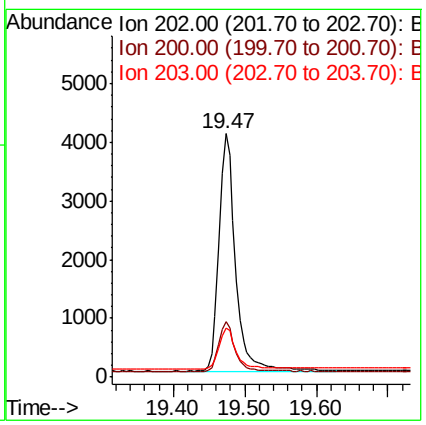


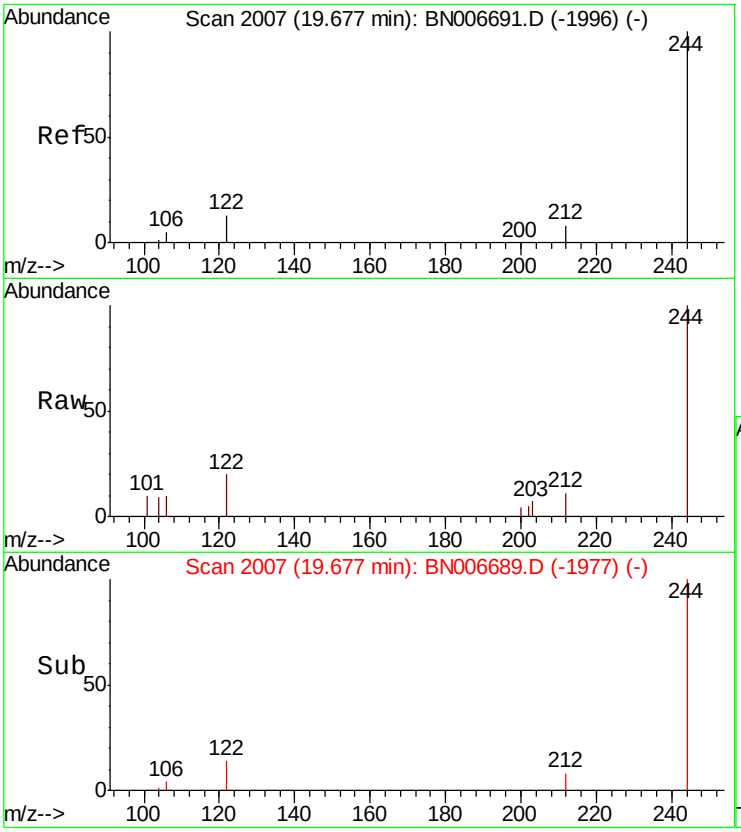


#28
Pyrene
Concen: 0.127 ng
RT: 19.47 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:202 Resp: 6513

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.4	14.2	21.2



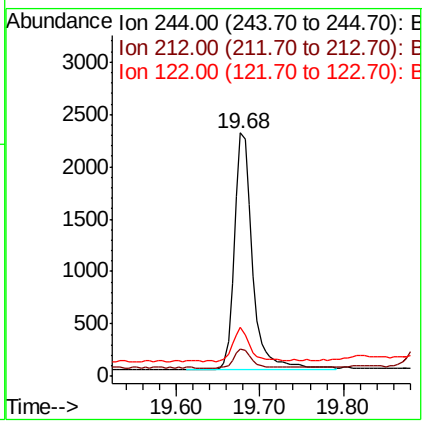


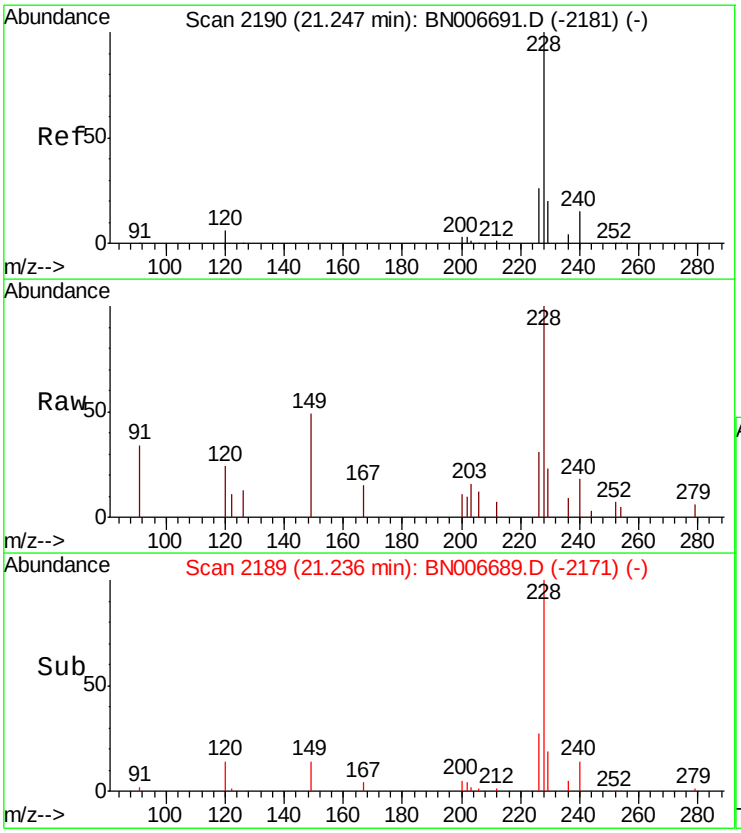
#29
Terphenyl-d14
Concen: 0.112 ng
RT: 19.68 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3438

Ion	Ratio	Lower	Upper
244	100		
212	11.0	7.0	10.4#
122	20.2	11.5	17.3#

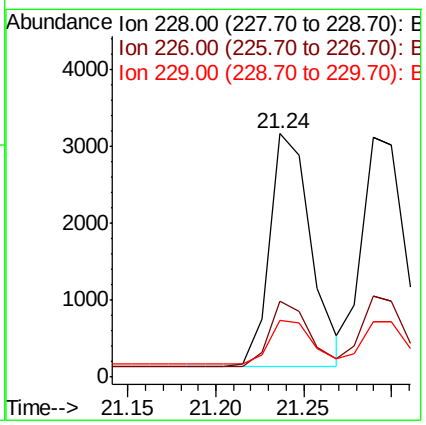


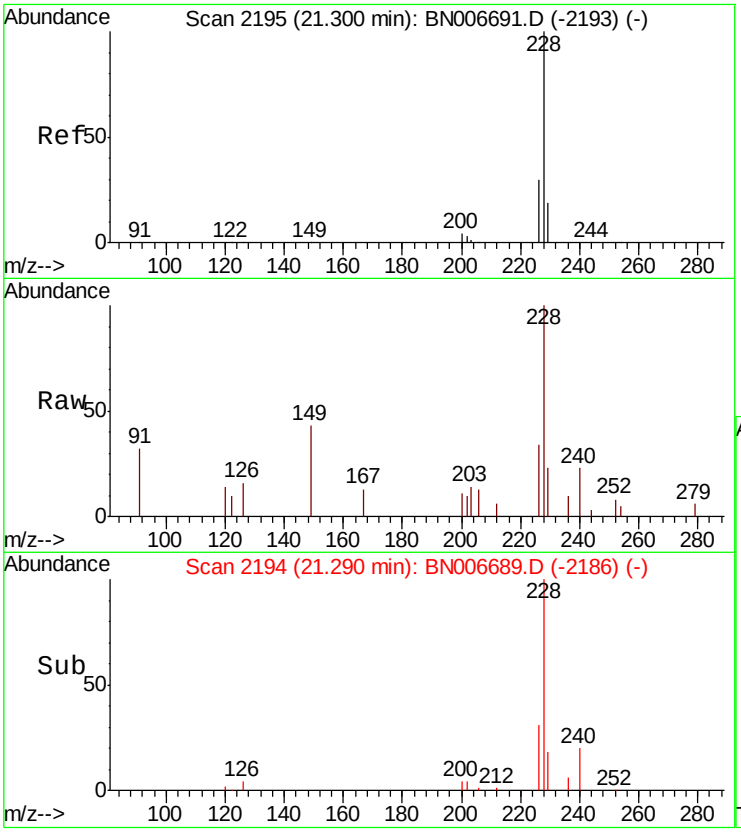


#30
Benzo(a)anthracene
Concen: 0.104 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:228 Resp: 4988

Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.5	32.3
229	23.2	16.2	24.4



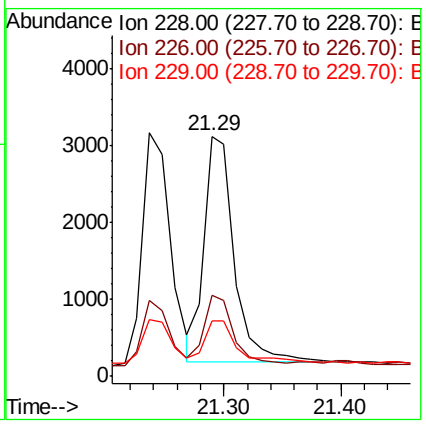


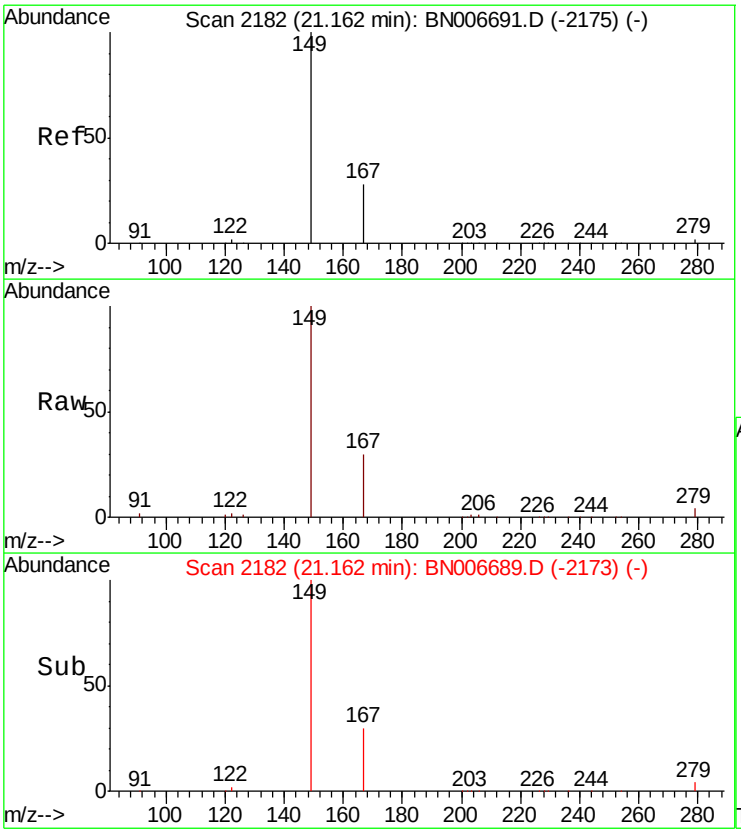
#31
Chrysene
Concen: 0.102 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 5238

Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.2	36.2
229	22.9	15.8	23.6

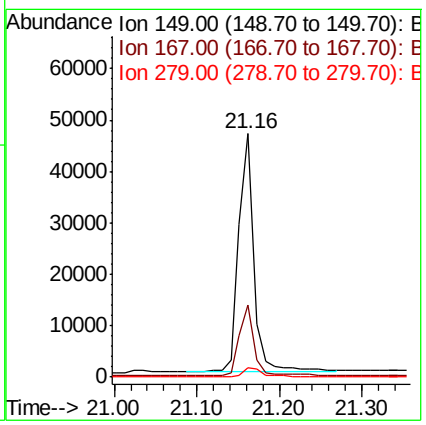


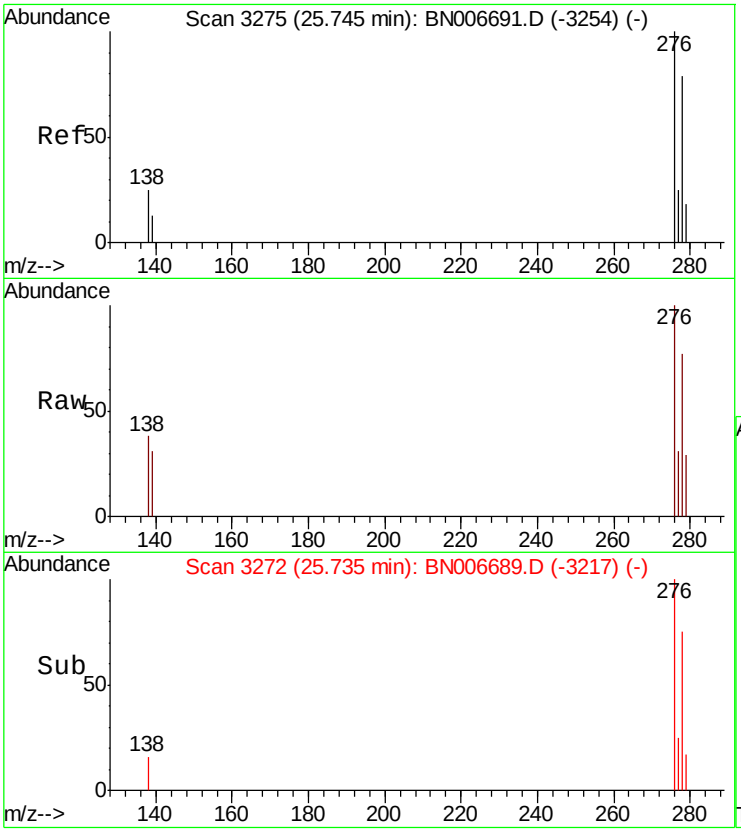


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.502 ng
RT: 21.16 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:149 Resp: 60209

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



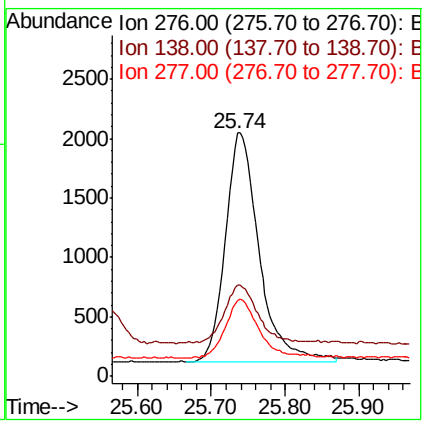


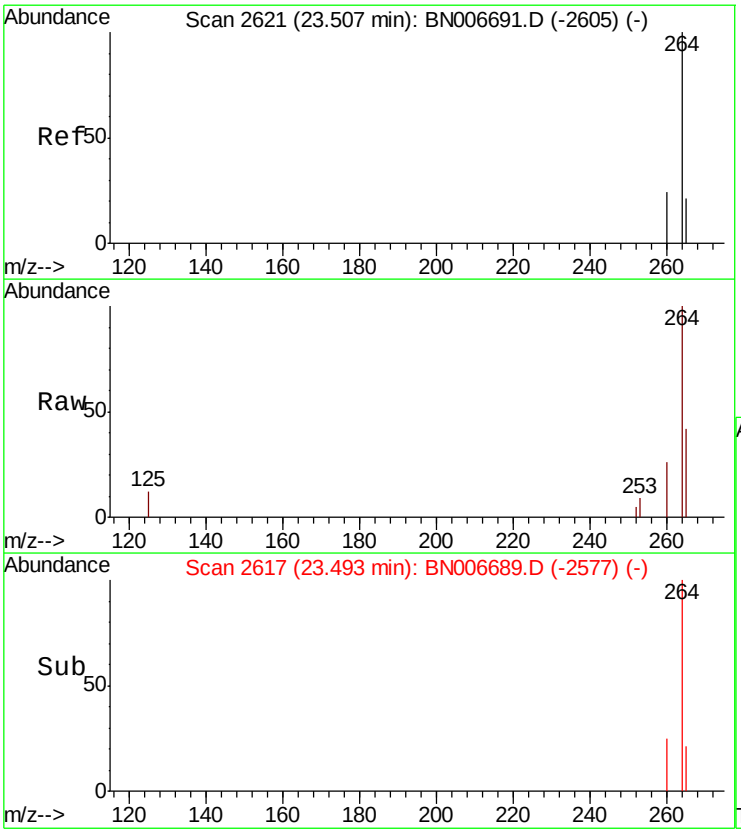
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng
RT: 25.74 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 6148

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.5	29.3
277	24.2	19.7	29.5

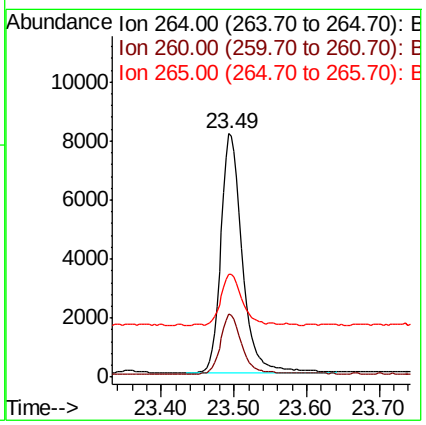


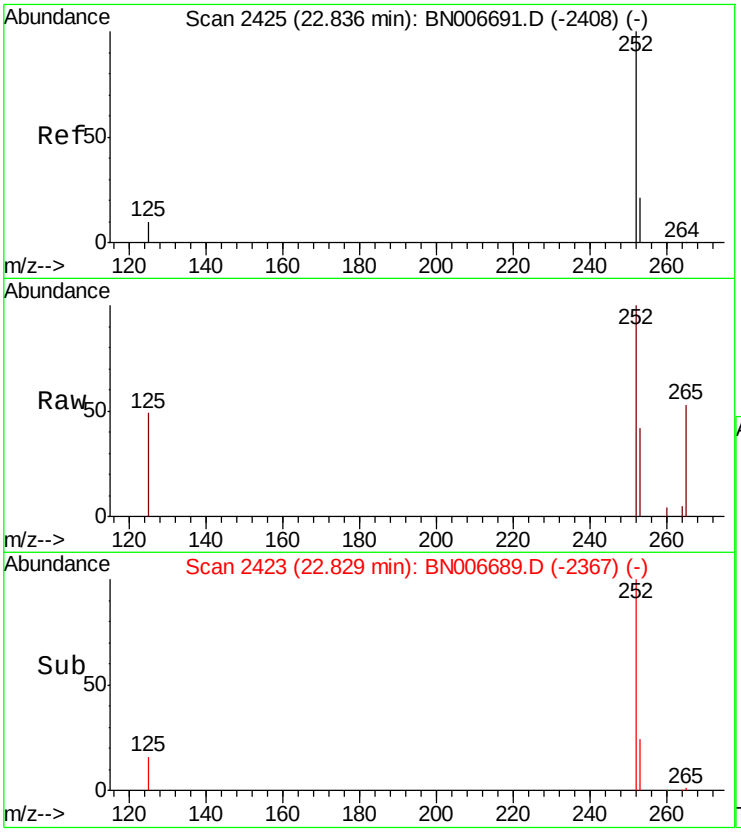


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2617
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:264 Resp: 16557

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.2	30.2
265	42.0	33.7	50.5



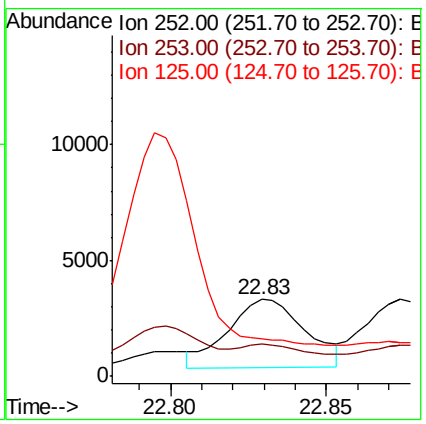


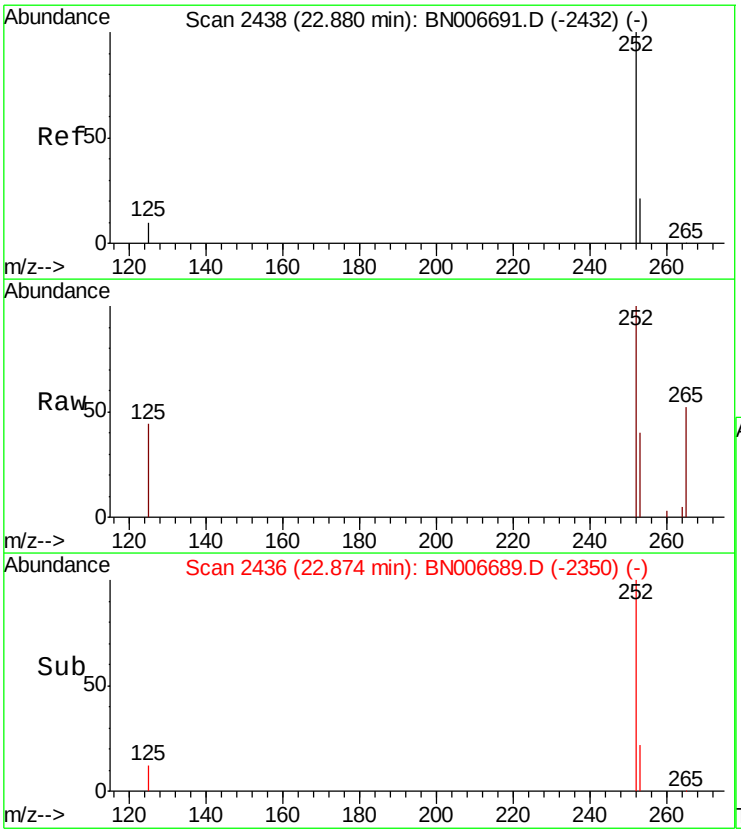
#35
Benzo(b)fluoranthene
Concen: 0.090 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 5094

Ion	Ratio	Lower	Upper
252	100		
253	41.8	20.2	30.2#
125	49.0	11.5	17.3#

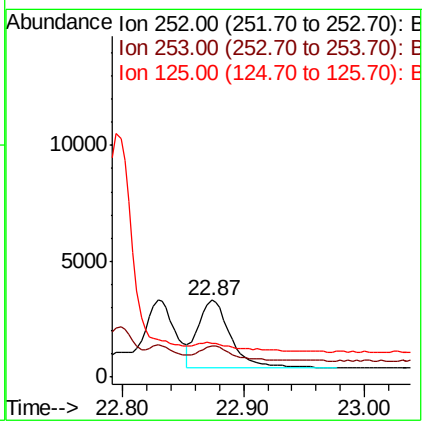


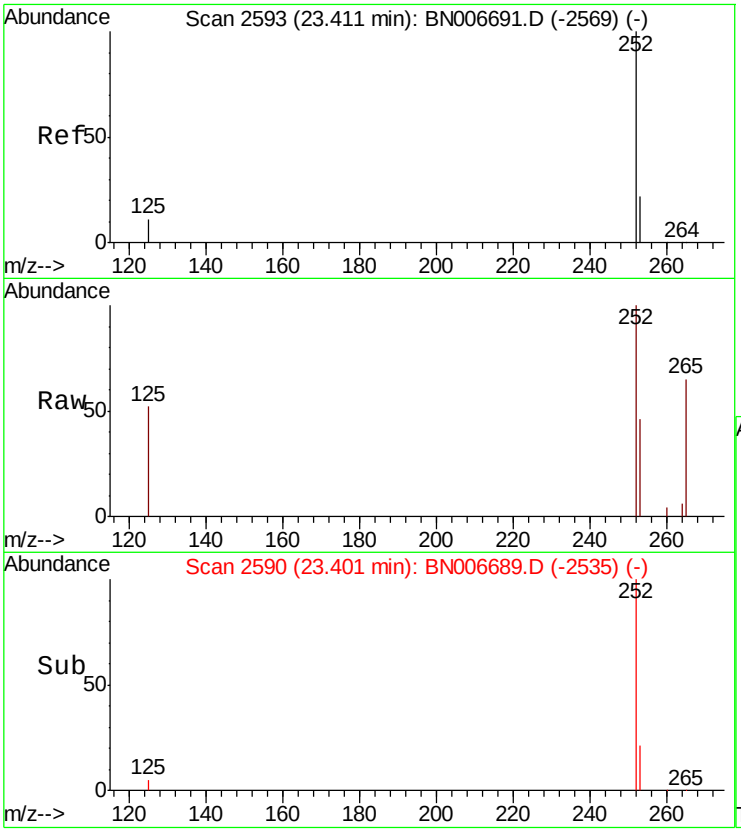


#36
Benzo(k)fluoranthene
Concen: 0.093 ng
RT: 22.87 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:252 Resp: 5576

Ion	Ratio	Lower	Upper
252	100		
253	40.1	20.1	30.1#
125	44.4	11.4	17.0#



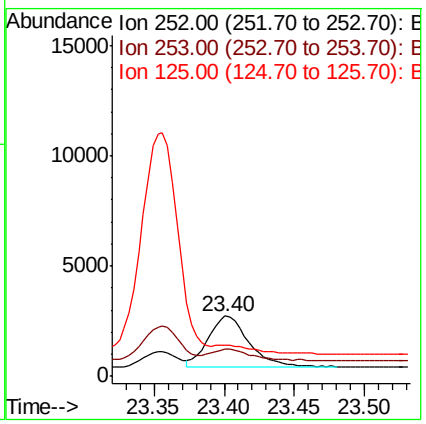


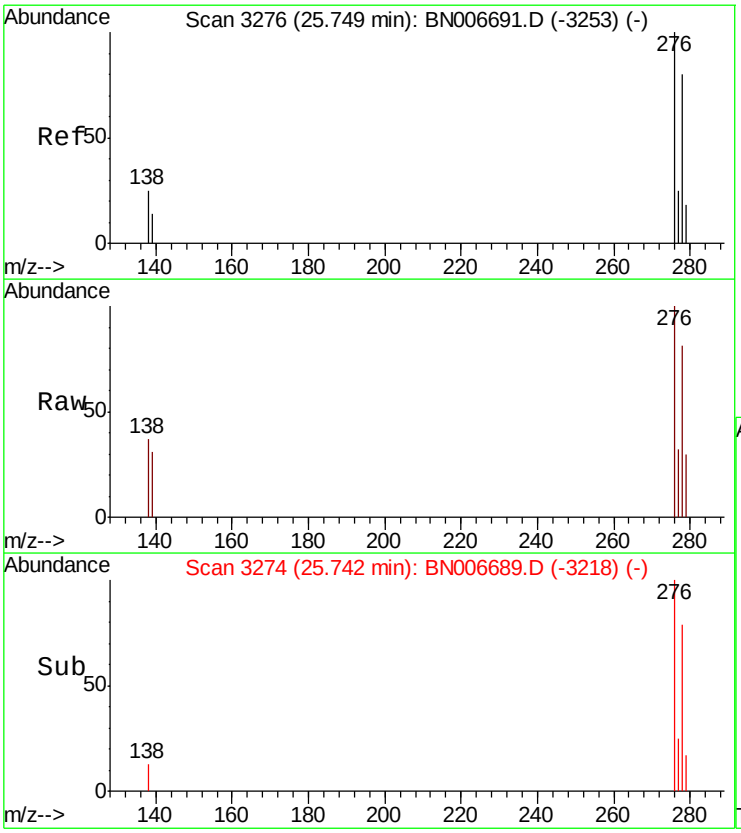
#37
Benzo(a)pyrene
Concen: 0.089 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 4671

Ion	Ratio	Lower	Upper
252	100		
253	45.8	21.4	32.2#
125	52.0	13.3	19.9#

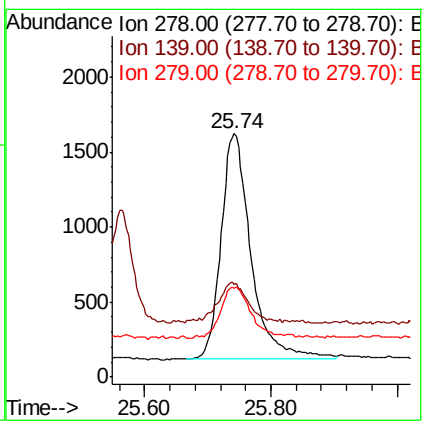


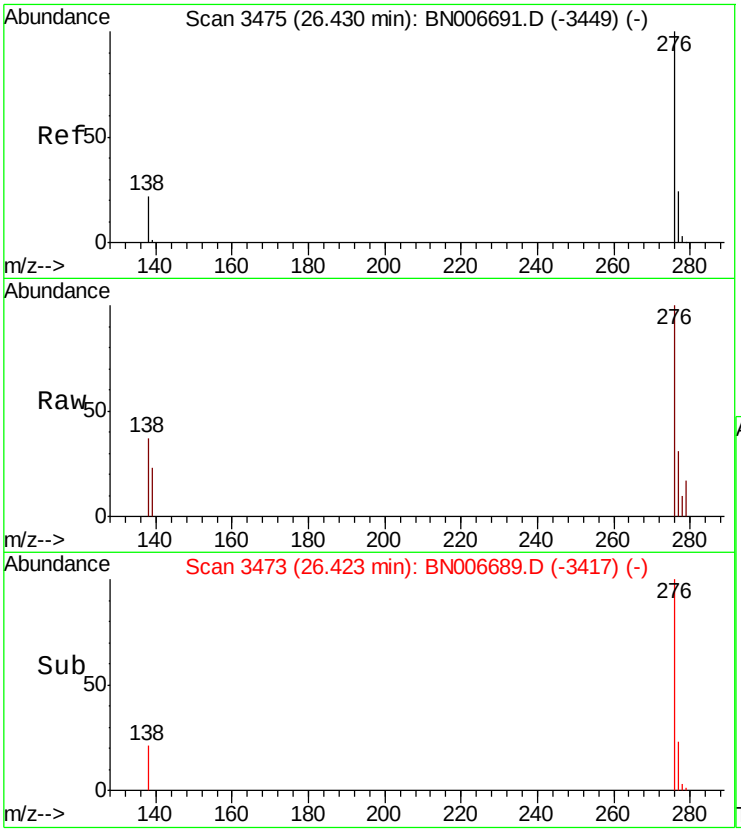


#38
Dibenzo(a,h)anthracene
Concen: 0.108 ng
RT: 25.74 min Scan# 3274
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:278 Resp: 4976

Ion	Ratio	Lower	Upper
278	100		
139	38.0	16.2	24.4#
279	36.6	20.7	31.1#





#39
Benzo(g,h,i)perylene
Concen: 0.112 ng
RT: 26.42 min Scan# 3473
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 5160

Ion	Ratio	Lower	Upper
276	100		
277	31.1	20.6	30.8#
138	37.2	19.7	29.5#