Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011140.D
Acq On : 10 Jul 2020 09:34
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jul 10 11:25:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 11:21:26 2020
Response via : Initial Calibration

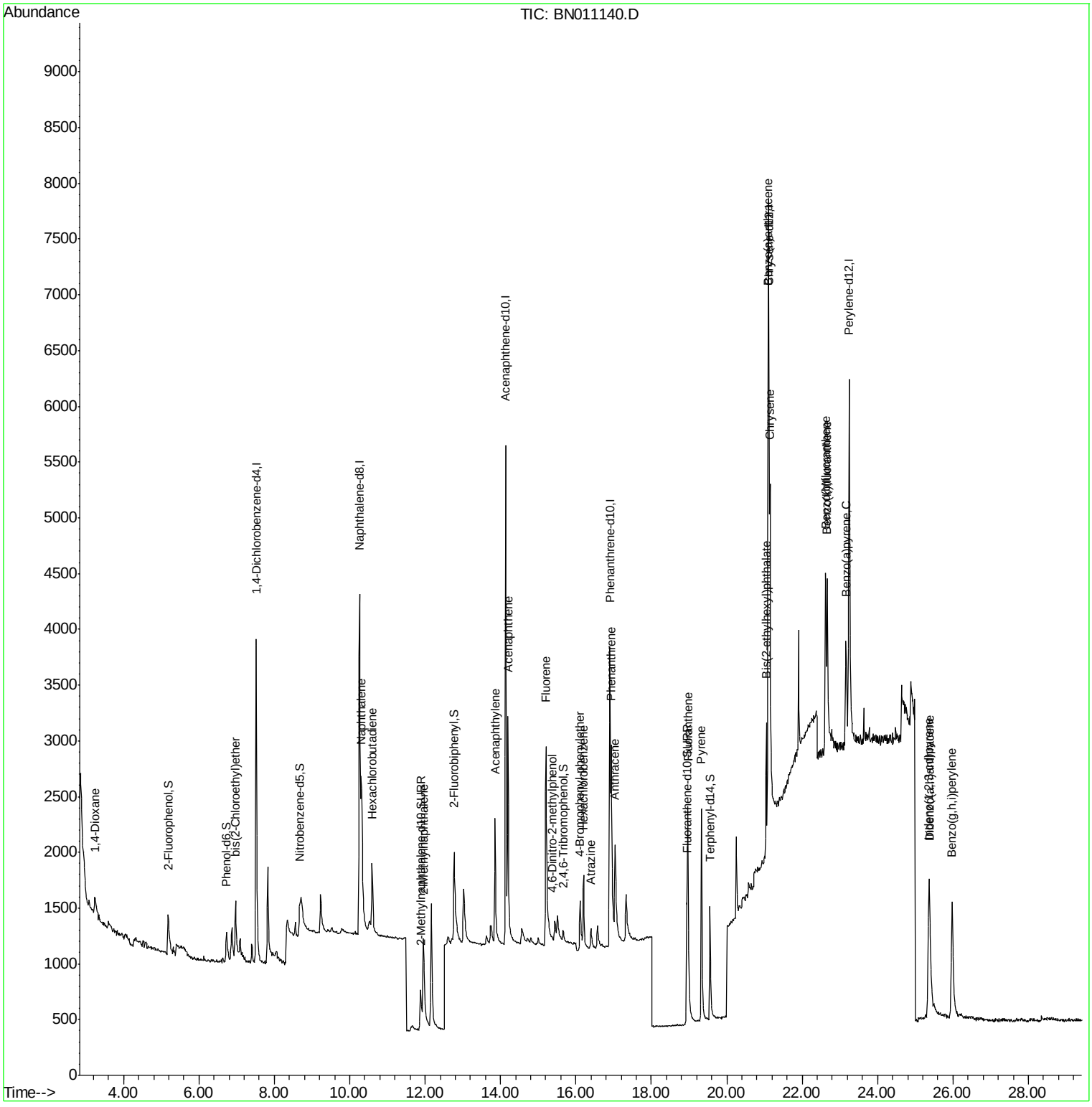
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1928	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	6484	0.40	ng		0.01
13) Acenaphthene-d10	14.13	164	3125	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	6294	0.40	ng		0.01
29) Chrysene-d12	21.11	240	6492	0.40	ng		0.01
36) Perylene-d12	23.25	264	5306	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	540	0.11	ng		0.00
5) Phenol-d6	6.73	99	489	0.09	ng		0.00
8) Nitrobenzene-d5	8.67	82	573	0.10	ng		0.01
11) 2-Methylnaphthalene-d10	11.88	152	1013	0.09	ng		0.02
14) 2,4,6-Tribromophenol	15.67	330	140	0.11	ng		0.03
15) 2-Fluorobiphenyl	12.77	172	1411	0.10	ng		0.03
27) Fluoranthene-d10	18.94	212	2122	0.11	ng		0.02
31) Terphenyl-d14	19.56	244	1691	0.10	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	258	0.095	ng	#	96
6) bis(2-Chloroethyl)ether	6.97	93	546	0.109	ng		94
9) Naphthalene	10.32	128	2124	0.110	ng	#	91
10) Hexachlorobutadiene	10.60	225	538	0.110	ng	#	98
12) 2-Methylnaphthalene	11.96	142	1221	0.094	ng		94
16) Acenaphthylene	13.85	152	1681	0.107	ng		98
17) Acenaphthene	14.20	154	1171	0.110	ng		100
18) Fluorene	15.21	166	1414	0.107	ng		100
20) 4,6-Dinitro-2-methylphenol	15.36	198	41	0.061	ng	#	40
21) 4-Bromophenyl-phenylether	16.11	248	415	0.099	ng	#	86
22) Hexachlorobenzene	16.20	284	605	0.123	ng		96
23) Atrazine	16.40	200	296	0.100	ng	#	79
25) Phenanthrene	16.93	178	2177	0.107	ng		99
26) Anthracene	17.03	178	1643	0.097	ng		97
28) Fluoranthene	18.97	202	2546	0.111	ng		99
30) Pyrene	19.33	202	2510	0.104	ng		100
32) Benzo(a)anthracene	21.10	228	2304	0.106	ng		97
33) Chrysene	21.14	228	3005	0.121	ng		97
34) Bis(2-ethylhexyl)phthalate	21.05	149	1206	0.137	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.36	276	2444	0.094	ng	#	76
37) Benzo(b)fluoranthene	22.62	252	2174	0.102	ng	#	70
38) Benzo(k)fluoranthene	22.66	252	2603	0.114	ng	#	67
39) Benzo(a)pyrene	23.17	252	1989	0.108	ng	#	54
40) Dibenzo(a,h)anthracene	25.38	278	1855	0.099	ng	#	61
41) Benzo(g,h,i)perylene	25.98	276	2723	0.132	ng	#	90

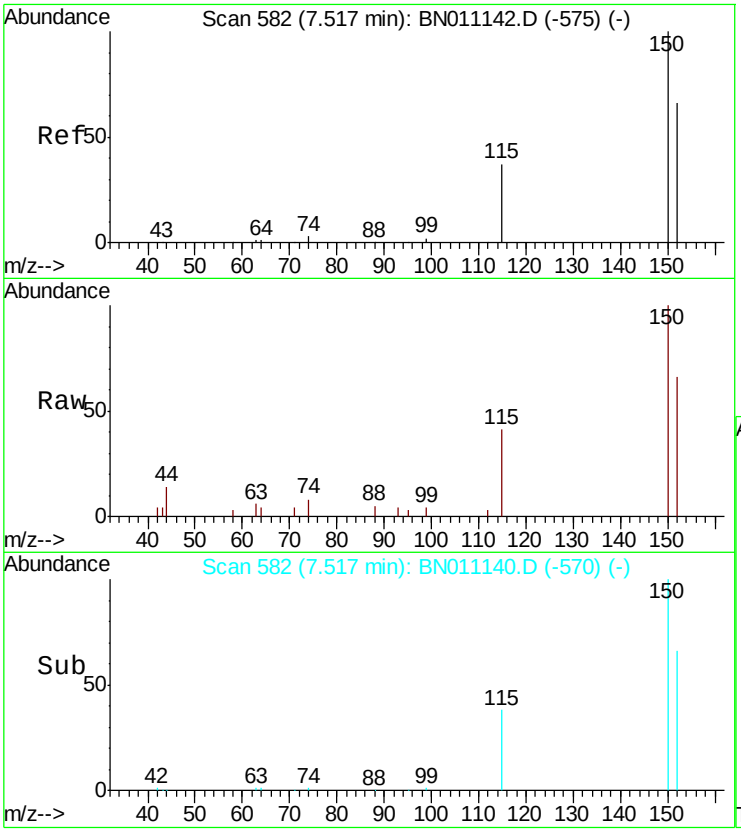
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011140.D
Acq On : 10 Jul 2020 09:34
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jul 10 11:25:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 11:21:26 2020
Response via : Initial Calibration



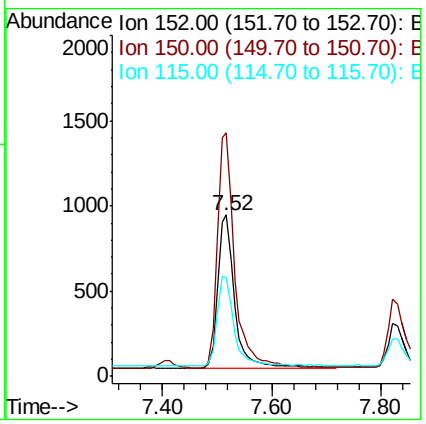


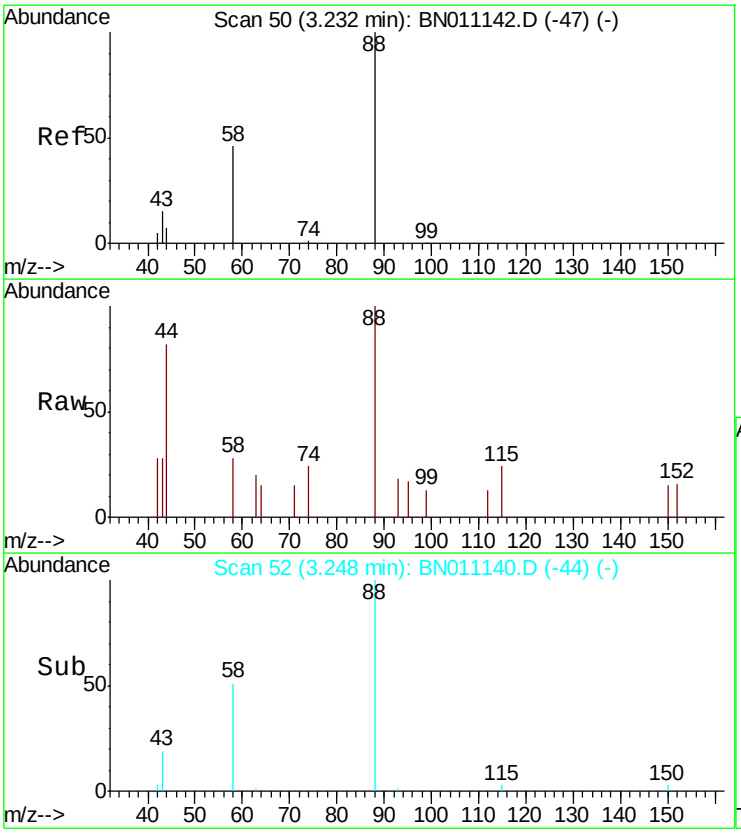
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.00 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1928

Ion	Ratio	Lower	Upper
152	100		
150	150.9	119.4	179.0
115	61.2	48.3	72.5

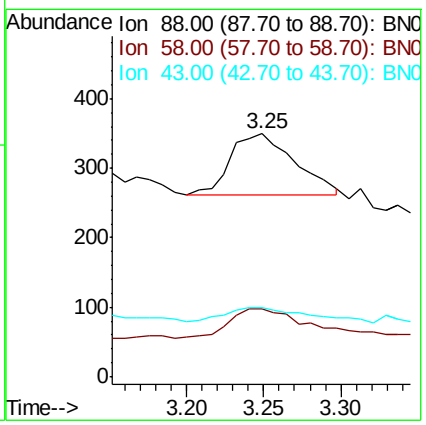


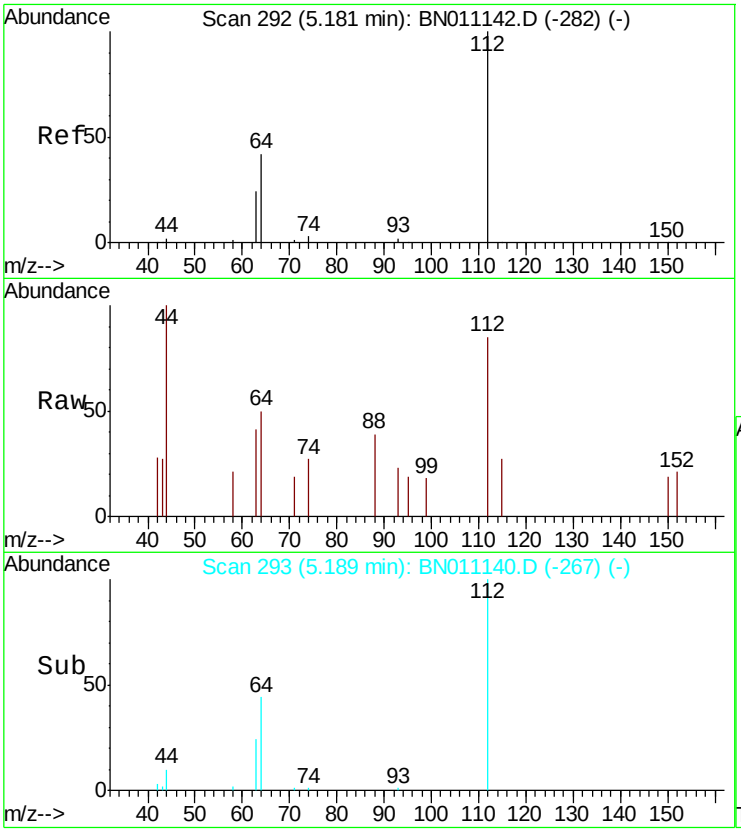


#2
1,4-Dioxane
Concen: 0.095 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.02 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion: 88 Resp: 258

Ion	Ratio	Lower	Upper
88	100		
58	45.7	36.5	54.7
43	24.0	14.3	21.5#



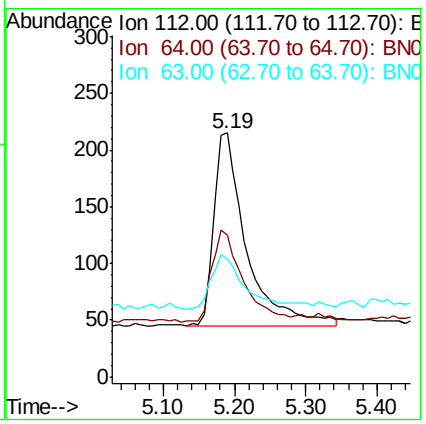


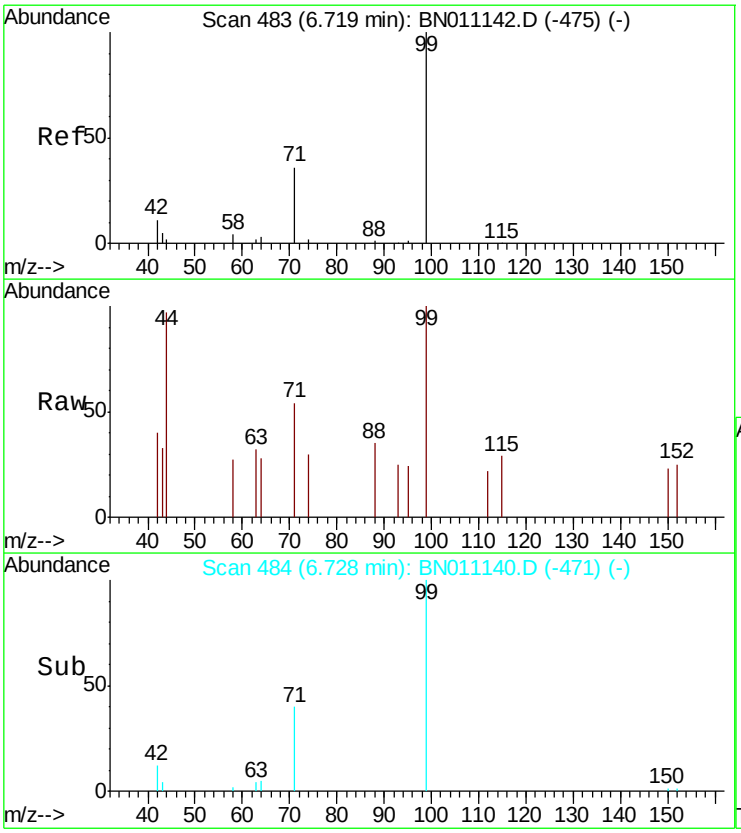
#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:112 Resp: 540

Ion	Ratio	Lower	Upper
112	100		
64	44.4	36.7	55.1
63	29.4	20.4	30.6

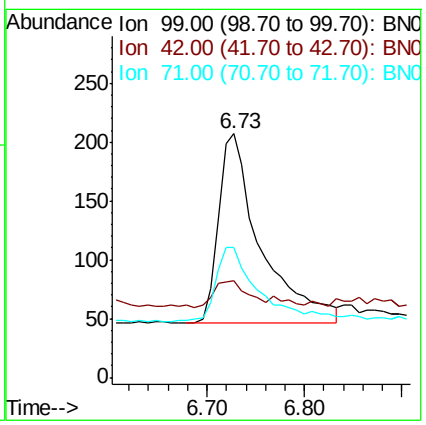


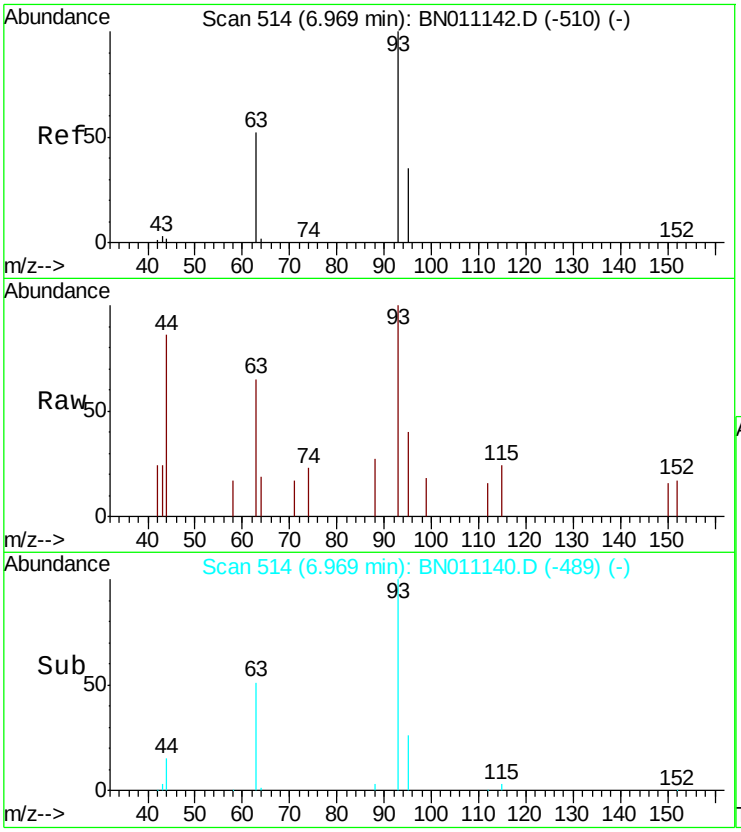


#5
Phenol-d6
Concen: 0.089 ng
RT: 6.73 min Scan# 484
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion: 99 Resp: 489

Ion	Ratio	Lower	Upper
99	100		
42	11.7	10.8	16.2
71	44.0	31.3	46.9



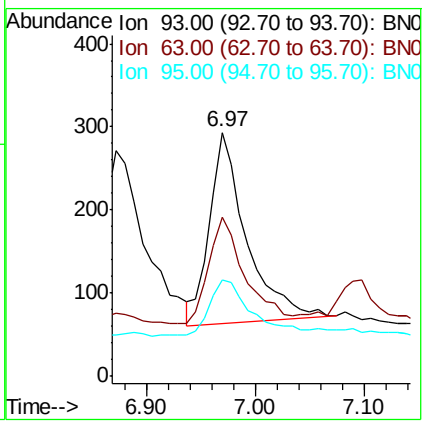


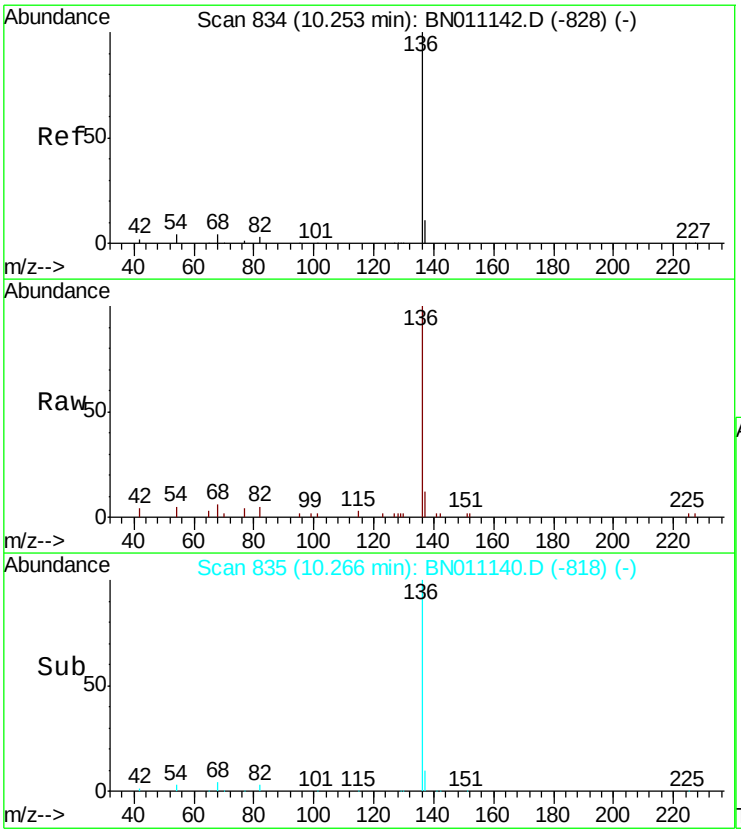
#6
bis(2-Chloroethyl)ether
Concen: 0.109 ng
RT: 6.97 min Scan# 514
Delta R.T. 0.00 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 546

Ion	Ratio	Lower	Upper
93	100		
63	54.2	47.4	71.0
95	33.0	28.1	42.1

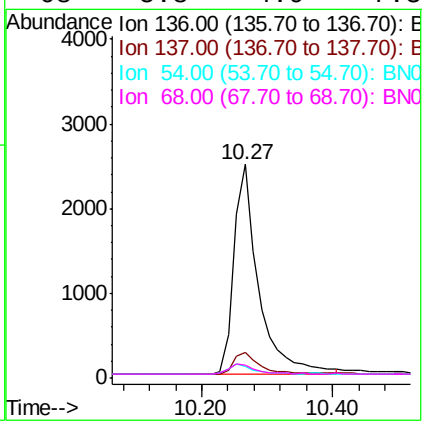


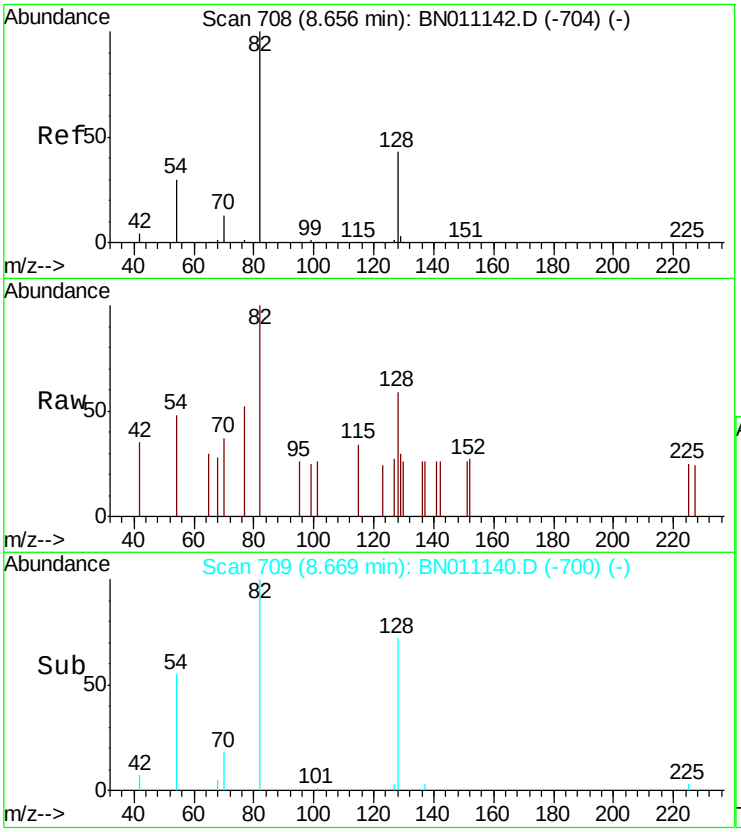


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:136 Resp: 6484

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.3	15.5
54	5.3	4.9	7.3
68	5.8	4.9	7.3



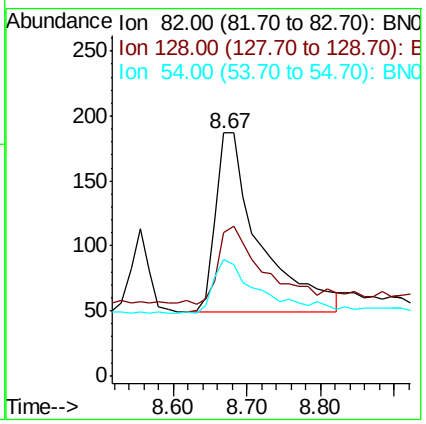


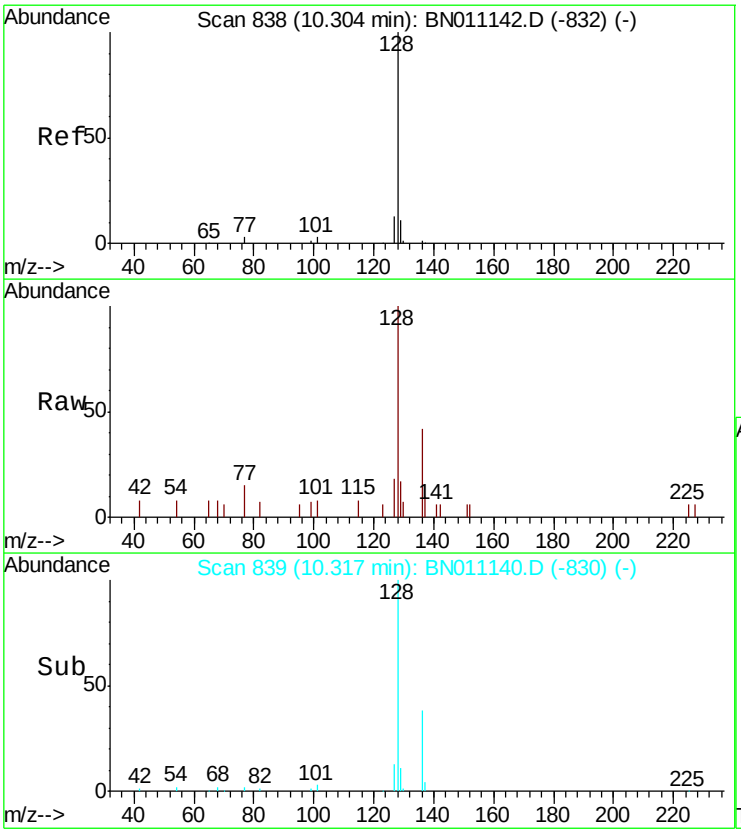
#8
Nitrobenzene-d5
Concen: 0.104 ng
RT: 8.67 min Scan# 709
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 573

Ion	Ratio	Lower	Upper
82	100		
128	58.8	38.1	57.1#
54	48.1	27.1	40.7#

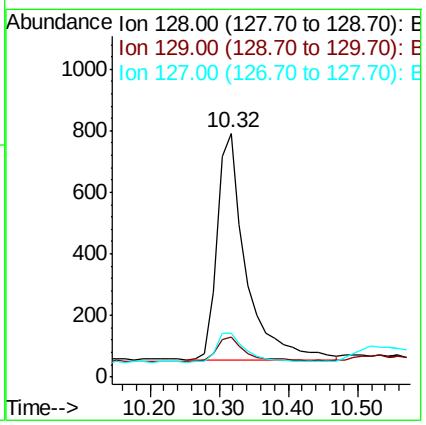


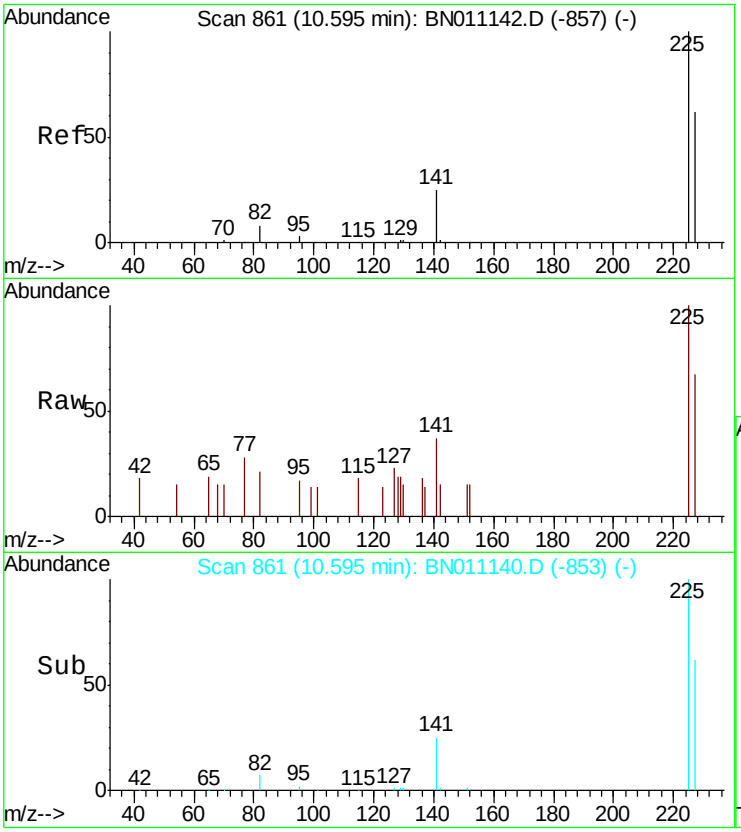


#9
Naphthalene
Concen: 0.110 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:128 Resp: 2124

Ion	Ratio	Lower	Upper
128	100		
129	16.6	9.8	14.6#
127	18.0	11.8	17.6#



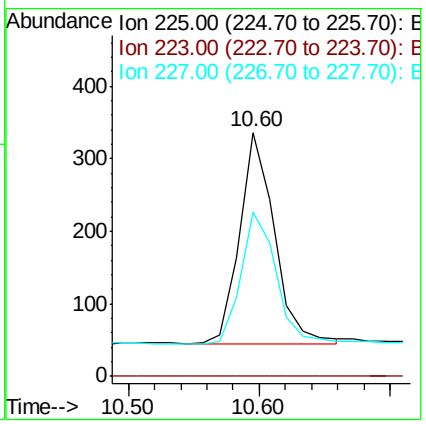


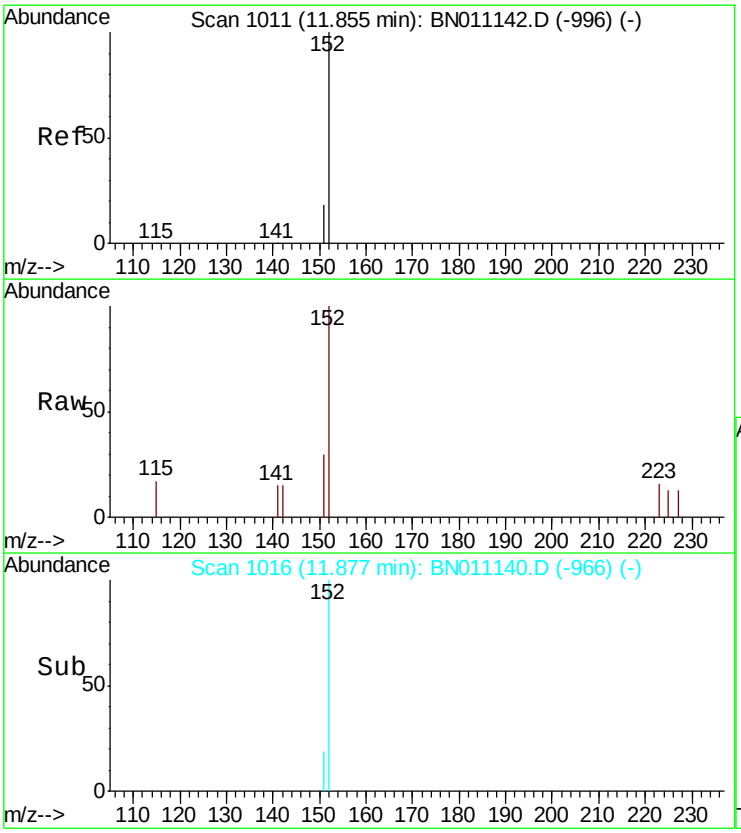
#10
Hexachlorobutadiene
Concen: 0.110 ng
RT: 10.60 min Scan# 861
Delta R.T. 0.00 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 538

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	51.2	76.8

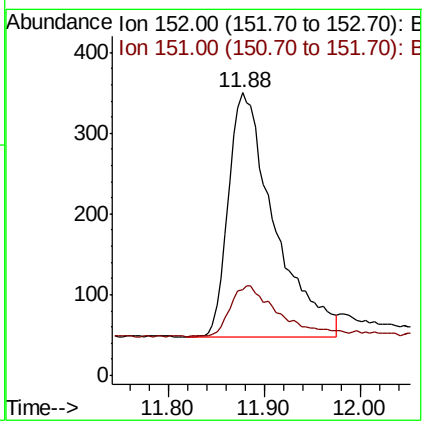


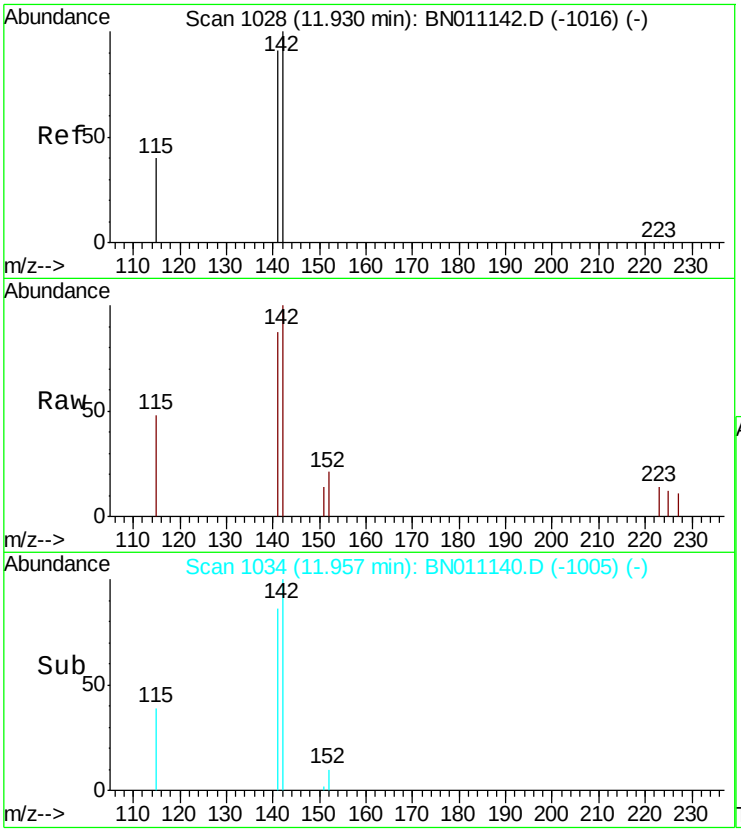


#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 11.88 min Scan# 1016
Delta R.T. 0.02 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:152 Resp: 1013

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.5	24.7



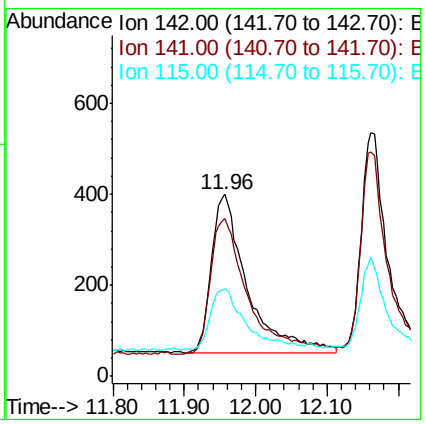


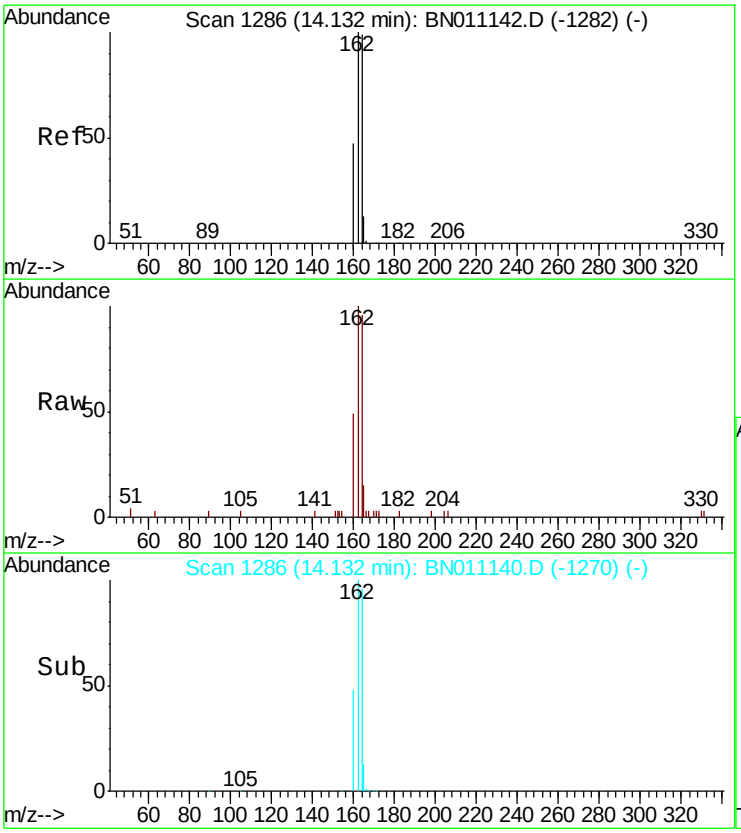
#12
2-Methylnaphthalene
Concen: 0.094 ng
RT: 11.96 min Scan# 1034
Delta R.T. 0.03 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 1221

Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.7	109.1
115	48.4	33.8	50.6

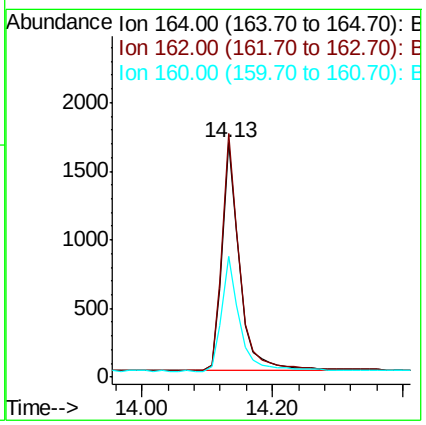


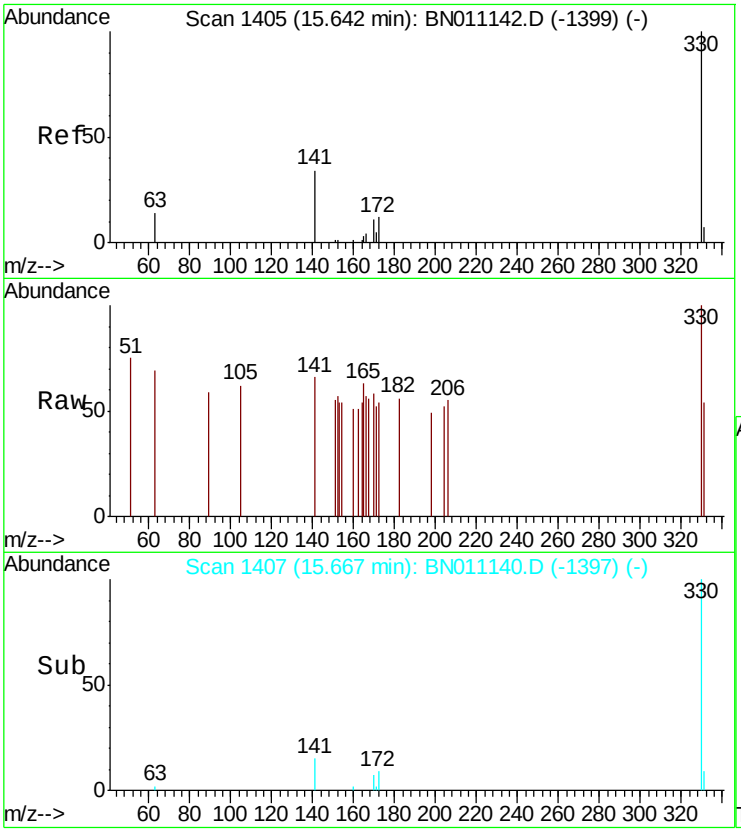


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.13 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:164 Resp: 3125

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.0	121.4
160	51.3	39.0	58.6



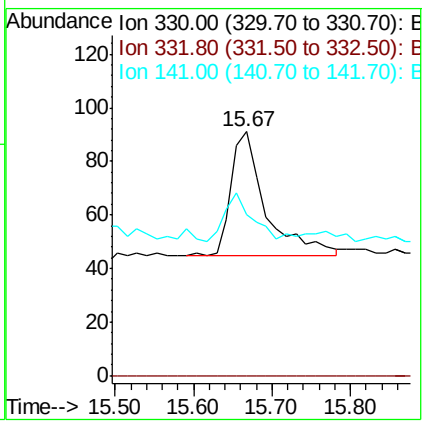


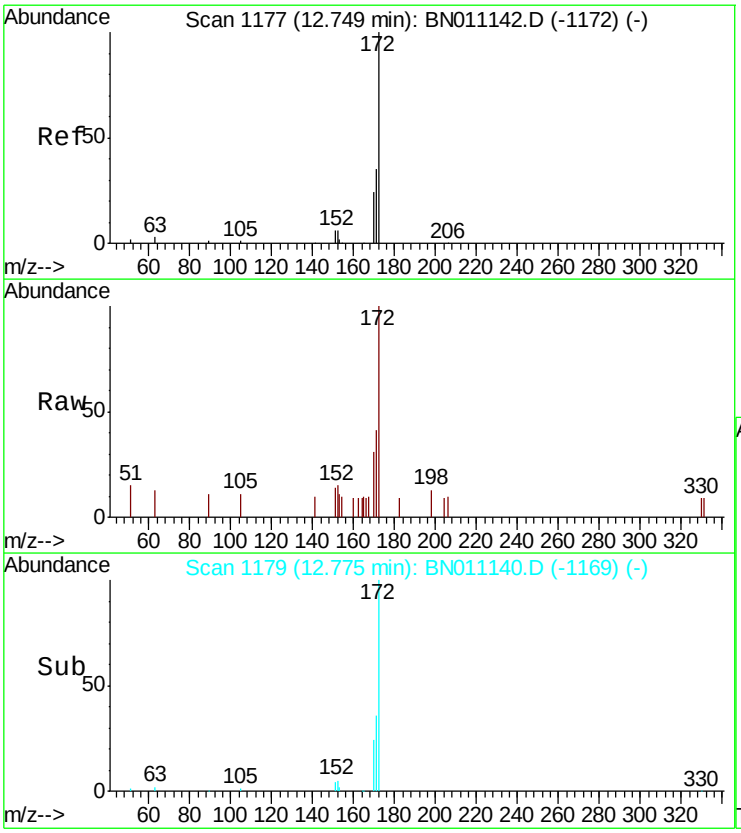
#14
2,4,6-Tribromophenol
Concen: 0.107 ng
RT: 15.67 min Scan# 1407
Delta R.T. 0.03 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 140

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	31.5	47.3

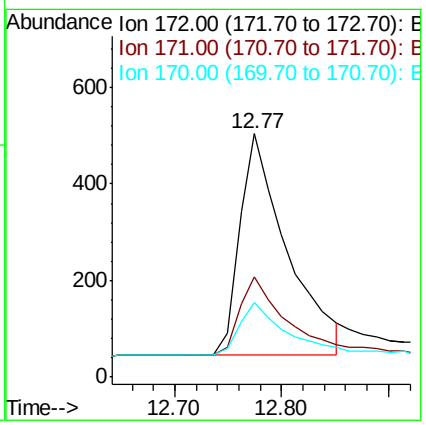


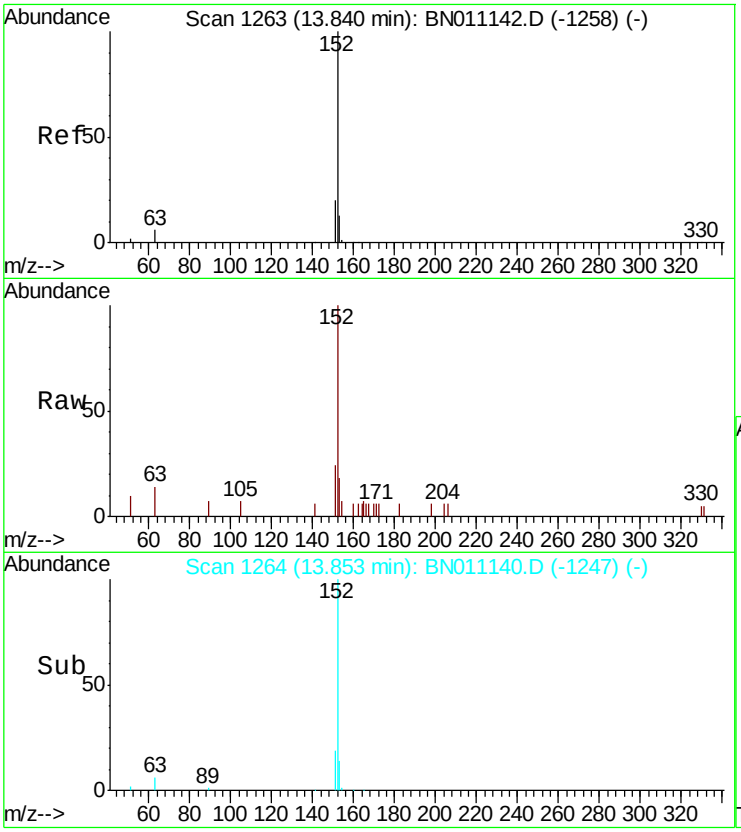


#15
2-Fluorobiphenyl
Concen: 0.096 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:172 Resp: 1411

Ion	Ratio	Lower	Upper
172	100		
171	41.3	29.0	43.6
170	30.8	20.3	30.5#



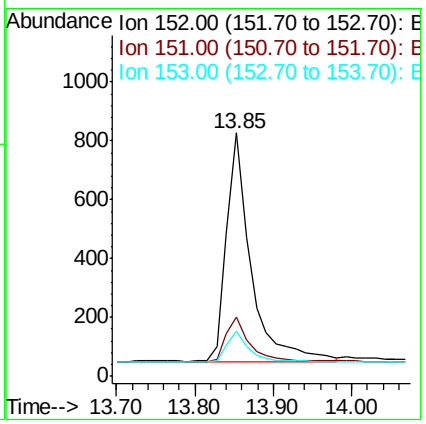


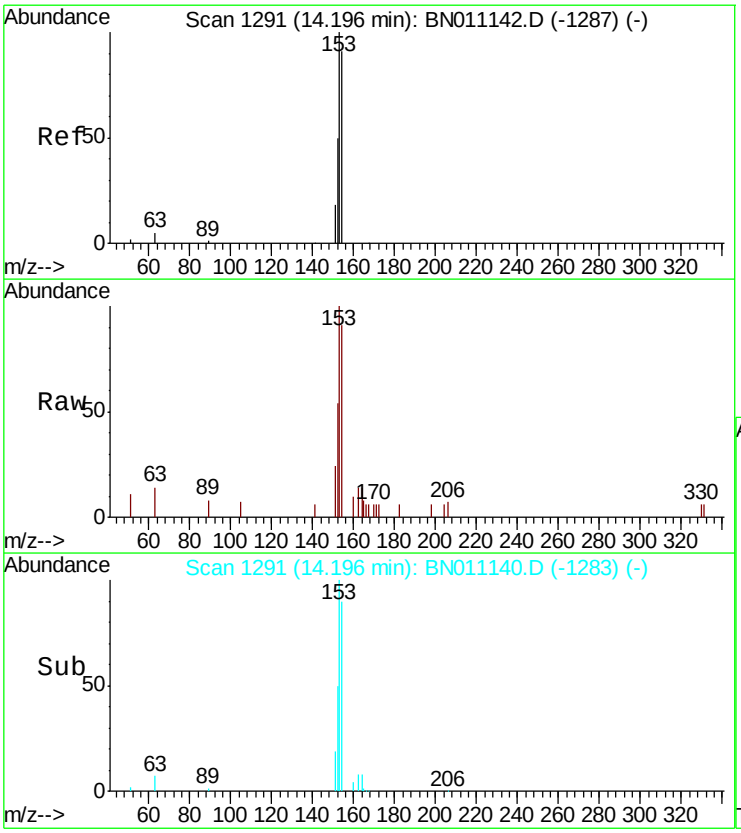
#16
Acenaphthylene
Concen: 0.107 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1681

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	12.7	10.6	15.8

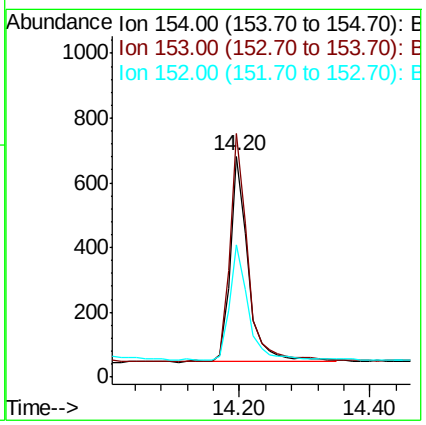


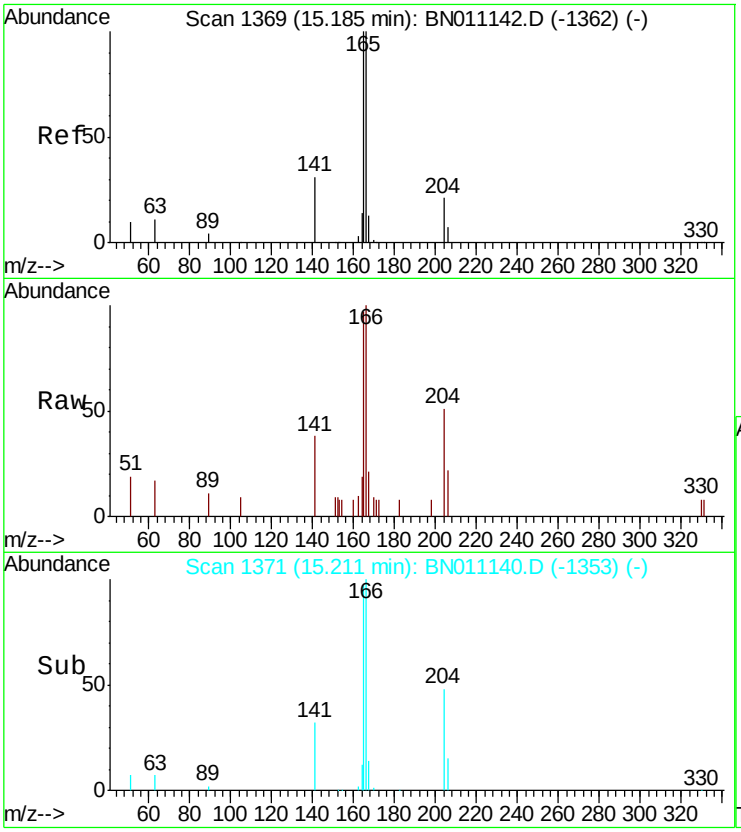


#17
Acenaphthene
Concen: 0.110 ng
RT: 14.20 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:154 Resp: 1171

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.3	136.9
152	58.9	46.6	69.8



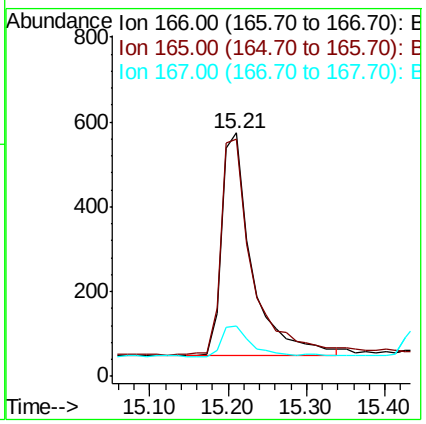


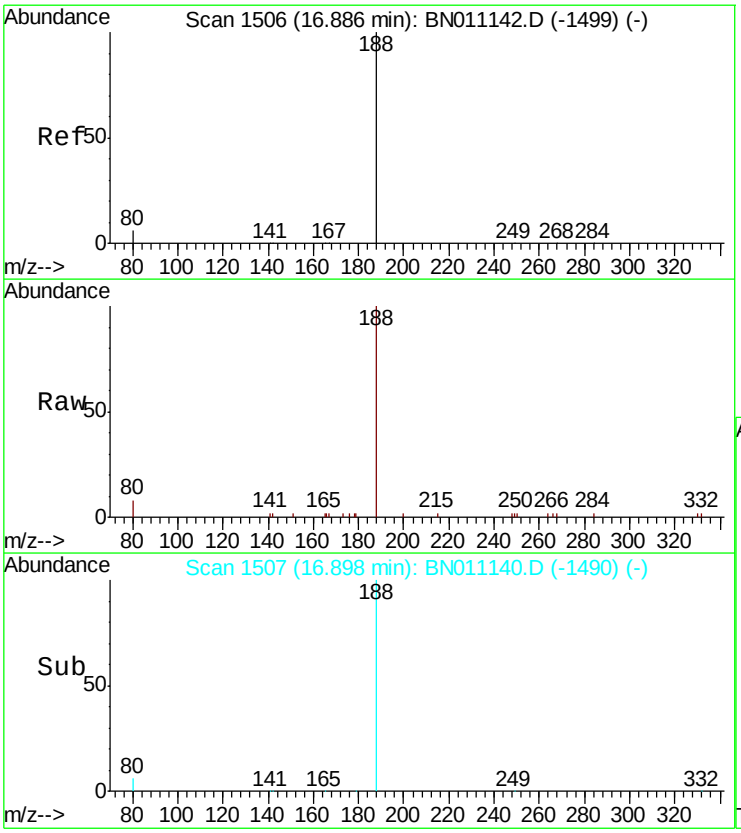
#18
Fluorene
Concen: 0.107 ng
RT: 15.21 min Scan# 1371
Delta R.T. 0.03 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 1414

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.1	118.7
167	13.4	10.5	15.7

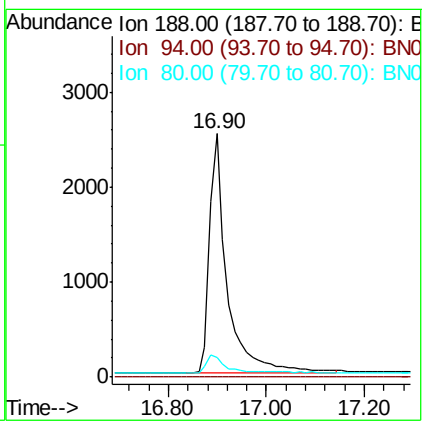


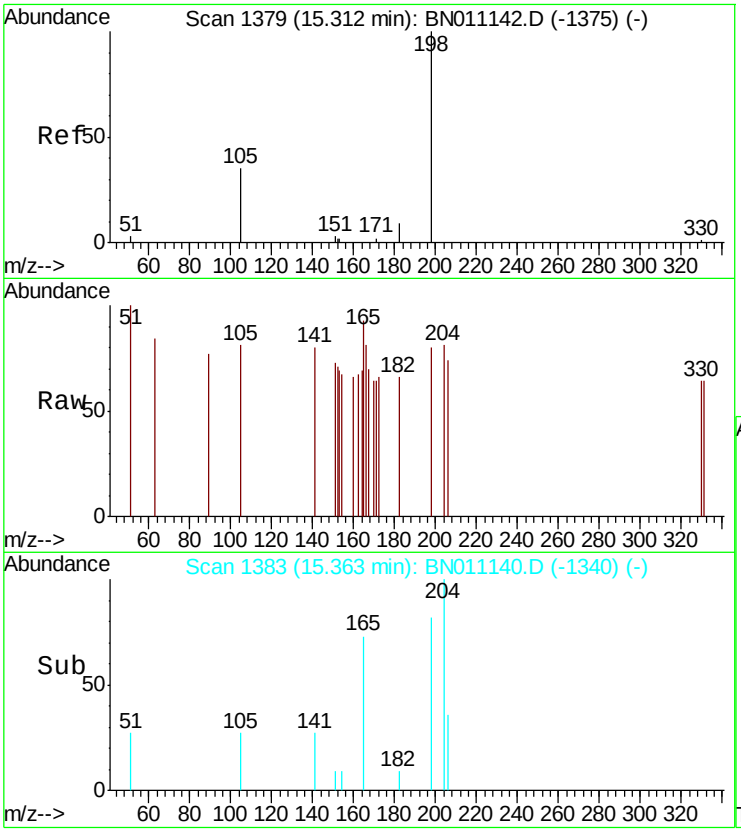


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:188 Resp: 6294

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.3	9.5



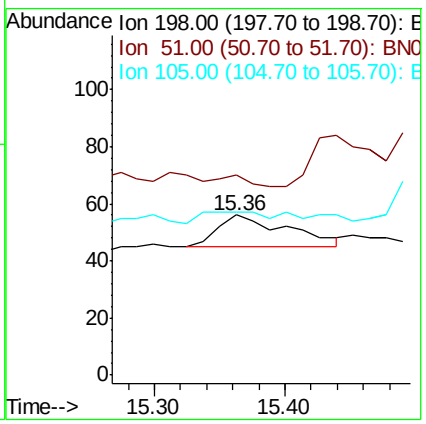


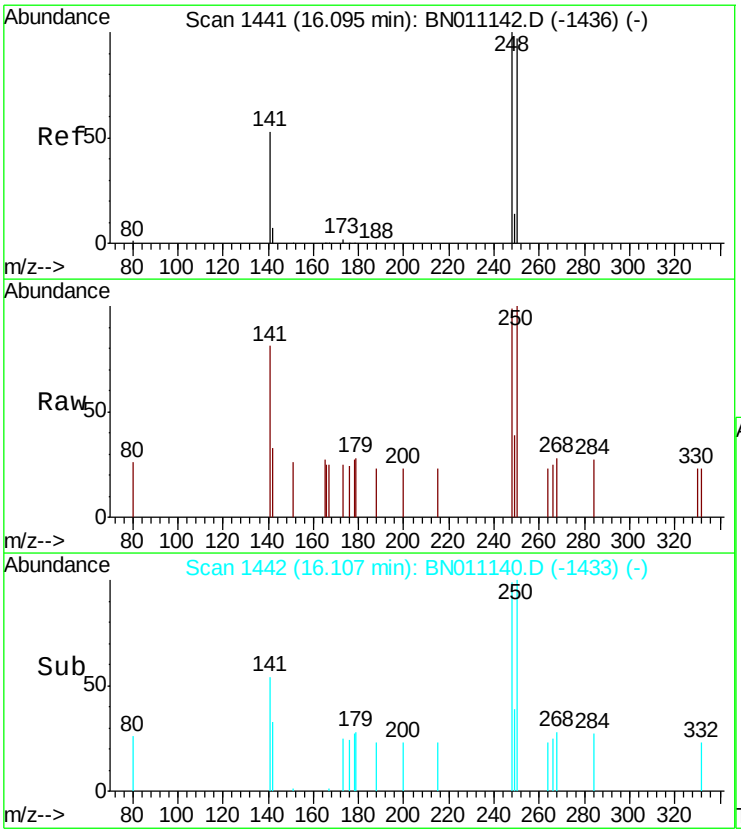
#20
4,6-Dinitro-2-methylphenol
Concen: 0.061 ng
RT: 15.36 min Scan# 1383
Delta R.T. 0.05 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:198 Resp: 41

Ion	Ratio	Lower	Upper
198	100		
51	125.0	53.1	79.7#
105	101.8	51.9	77.9#

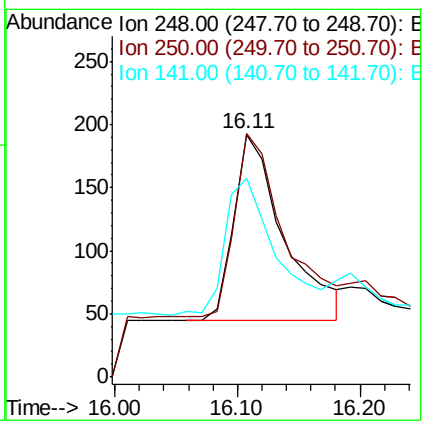


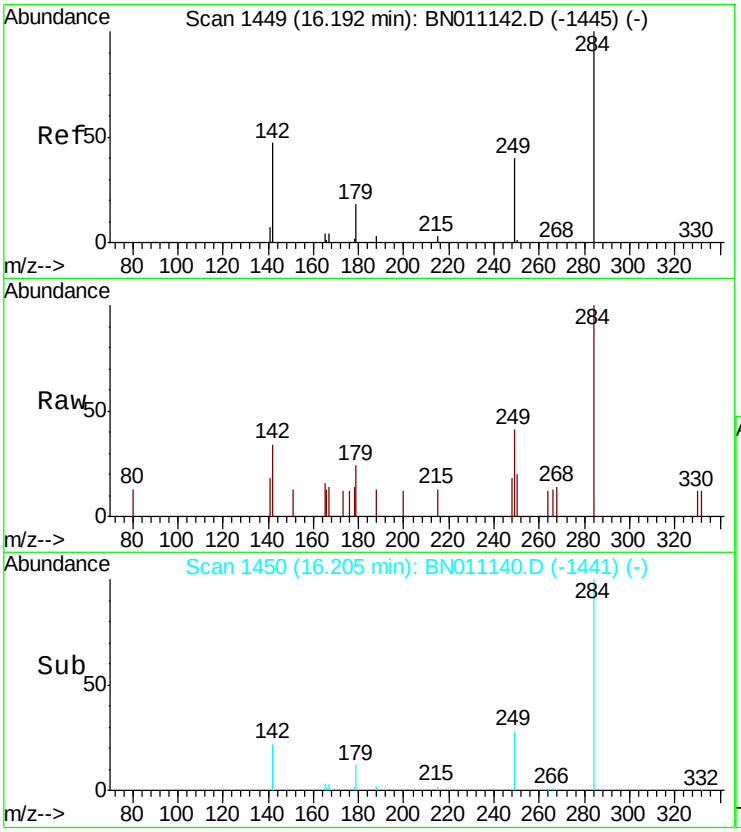


#21
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.11 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:248 Resp: 415

Ion	Ratio	Lower	Upper
248	100		
250	100.5	78.4	117.6
141	81.8	45.1	67.7#



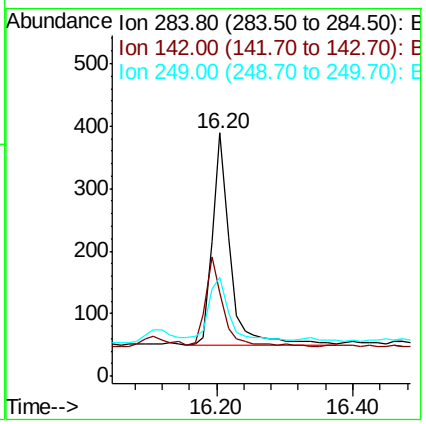


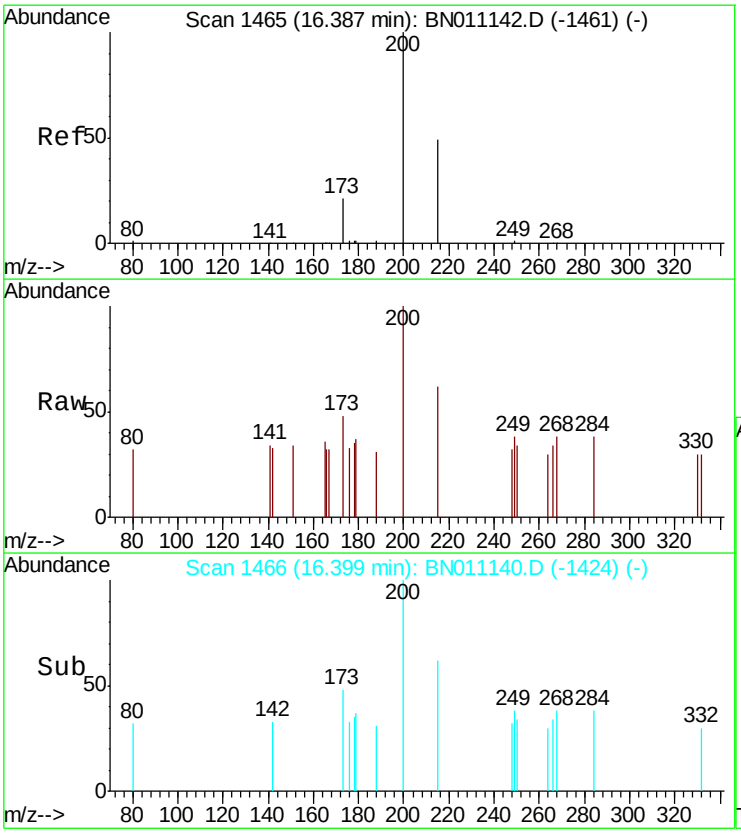
#22
Hexachlorobenzene
Concen: 0.123 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 605

Ion	Ratio	Lower	Upper
284	100		
142	42.3	32.6	48.8
249	32.7	28.4	42.6

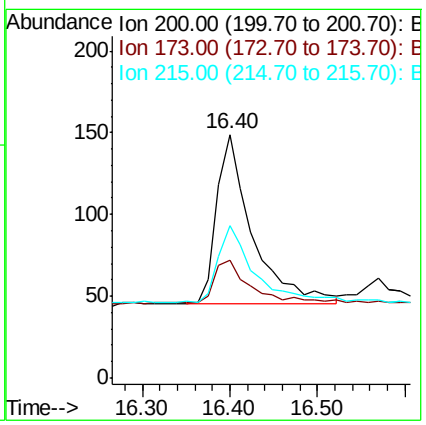


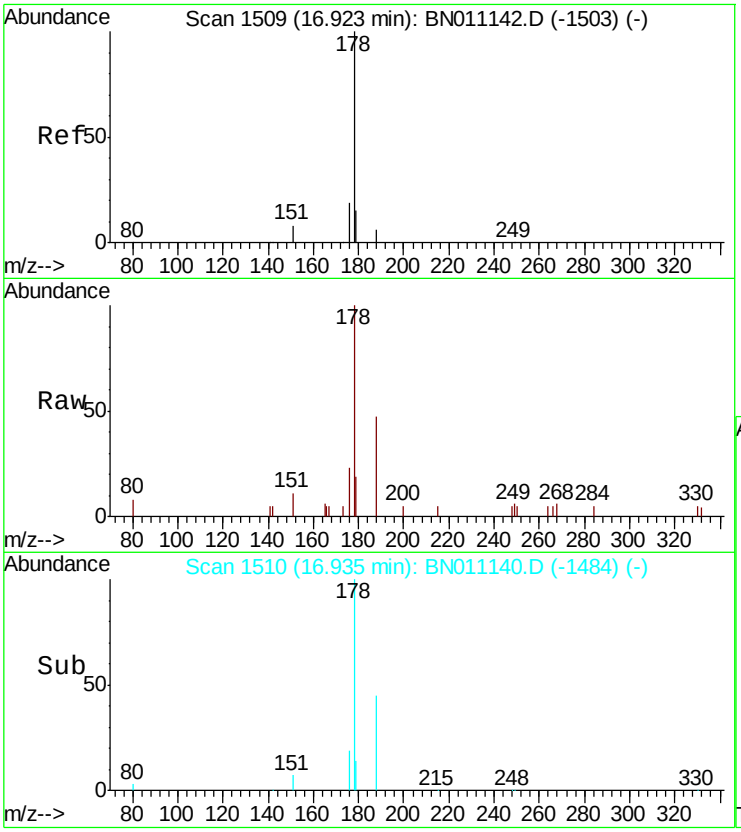


#23
Atrazine
Concen: 0.100 ng
RT: 16.40 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:200 Resp: 296

Ion	Ratio	Lower	Upper
200	100		
173	48.3	23.0	34.4#
215	62.4	42.6	63.8



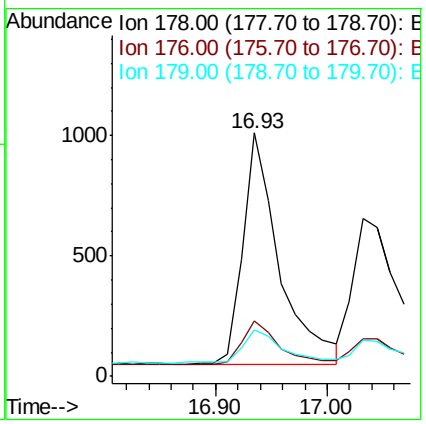


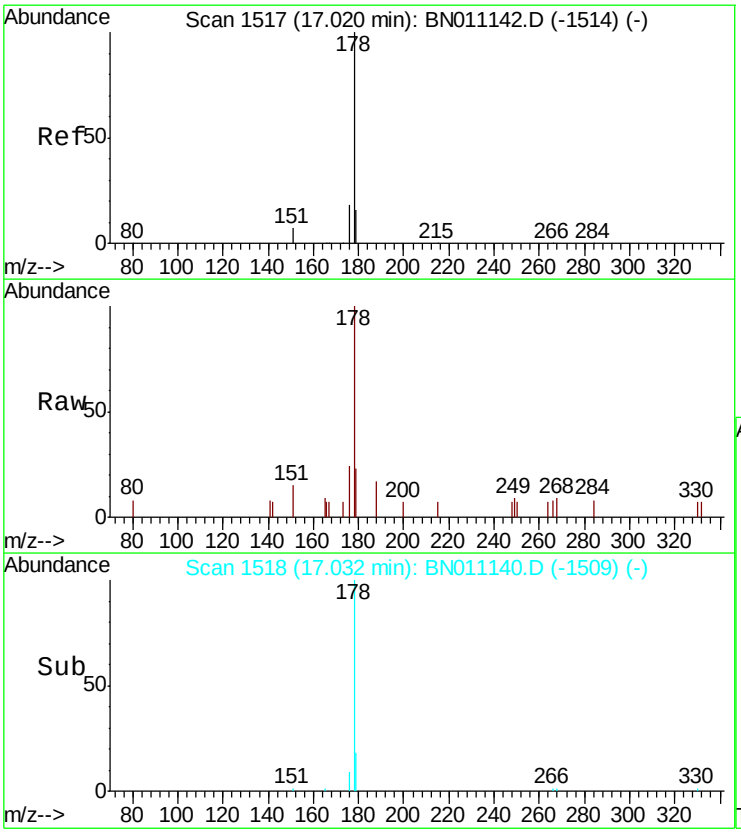
#25
Phenanthrene
Concen: 0.107 ng
RT: 16.93 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2177

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.6	18.8

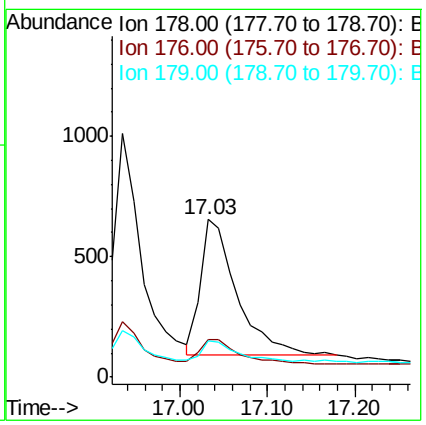


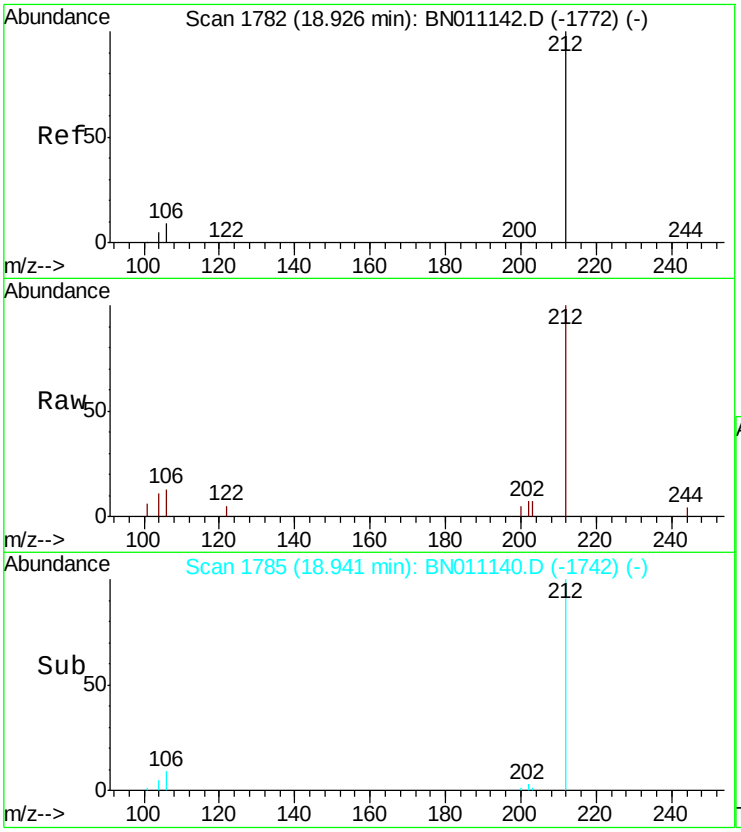


#26
Anthracene
Concen: 0.097 ng
RT: 17.03 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:178 Resp: 1643

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.5	21.7
179	13.4	12.0	18.0



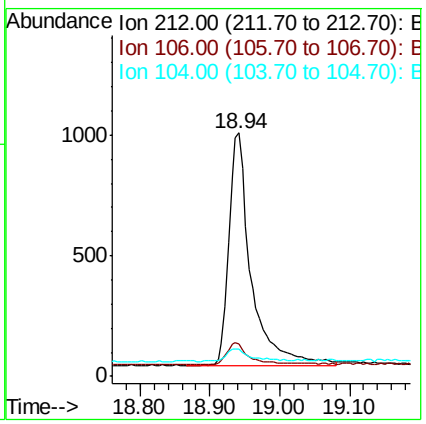


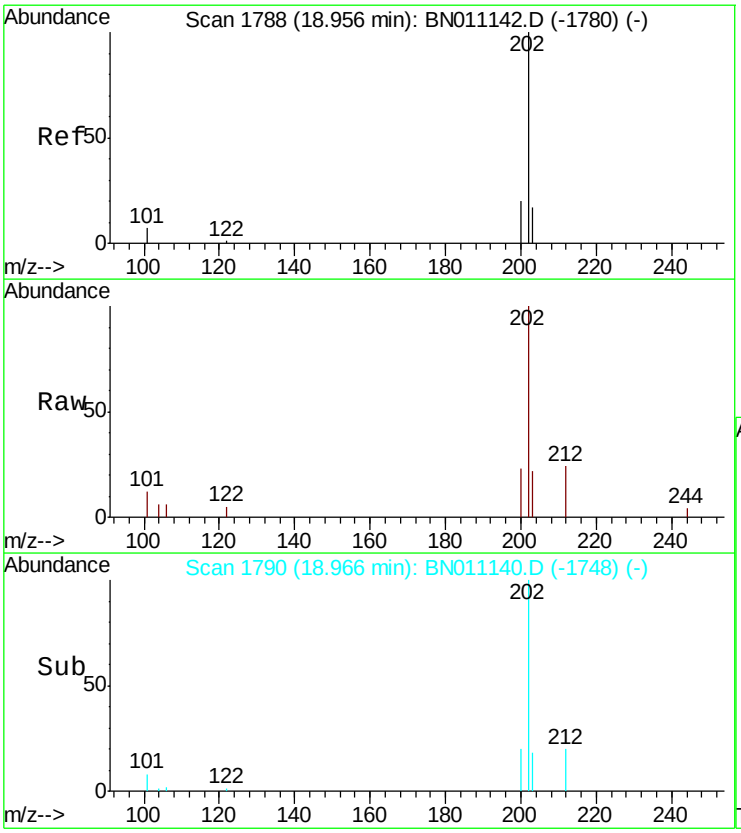
#27
Fluoranthene-d10
Concen: 0.111 ng
RT: 18.94 min Scan# 1785
Delta R.T. 0.02 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 2122

Ion	Ratio	Lower	Upper
212	100		
106	8.9	7.0	10.6
104	5.4	4.2	6.4

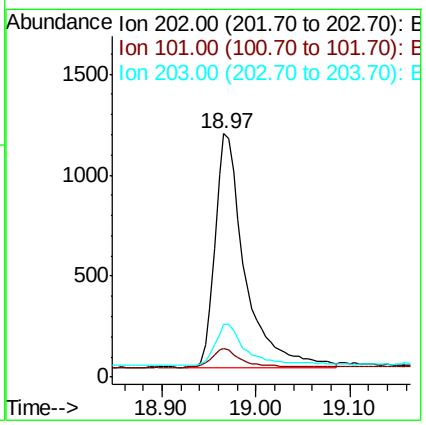


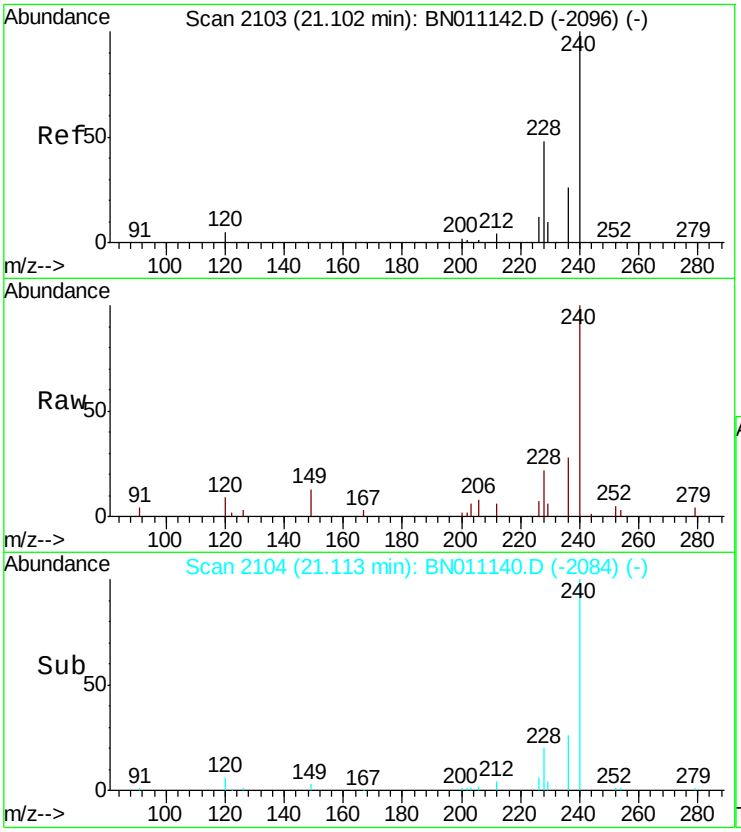


#28
Fluoranthene
Concen: 0.111 ng
RT: 18.97 min Scan# 1790
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:202 Resp: 2546

Ion	Ratio	Lower	Upper
202	100		
101	8.0	5.9	8.9
203	17.0	13.6	20.4



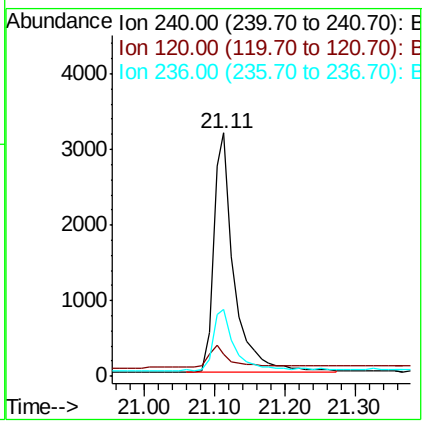


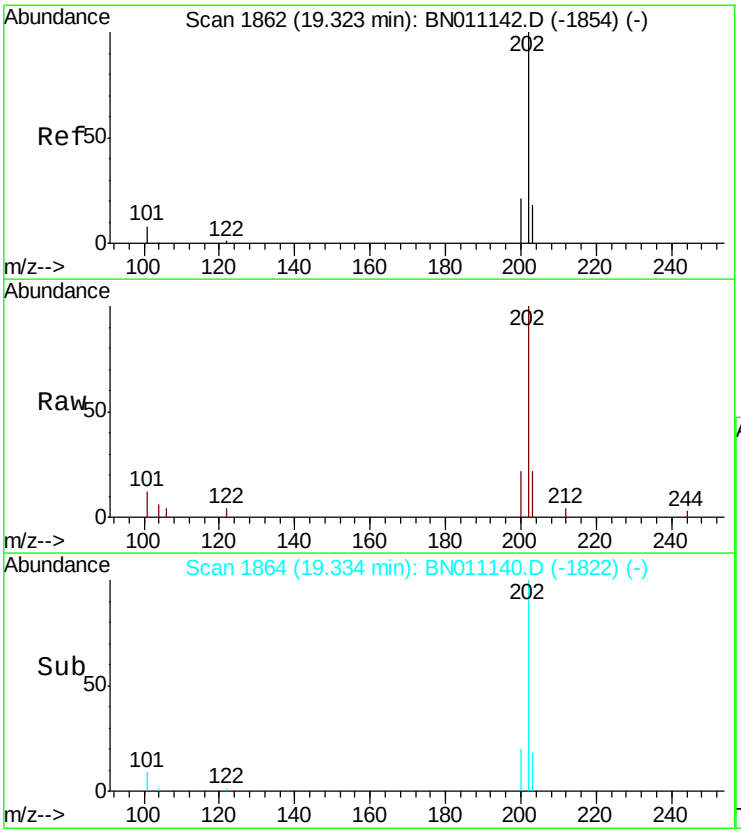
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 6492

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.5	9.7
236	27.5	21.9	32.9

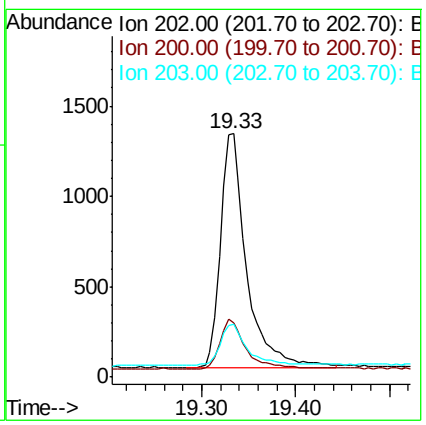


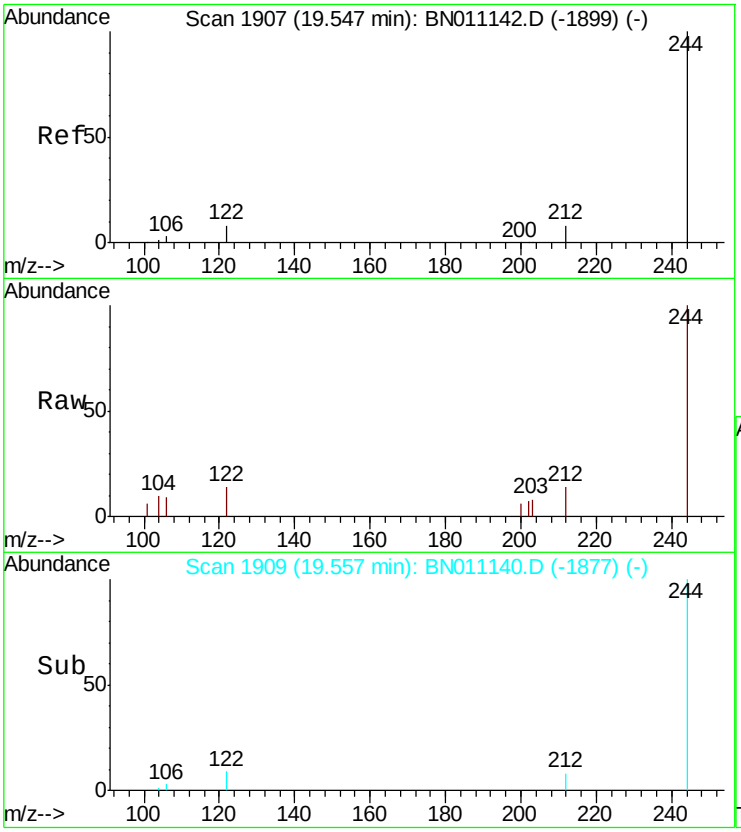


#30
Pyrene
Concen: 0.104 ng
RT: 19.33 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:202 Resp: 2510

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	18.2	14.2	21.4



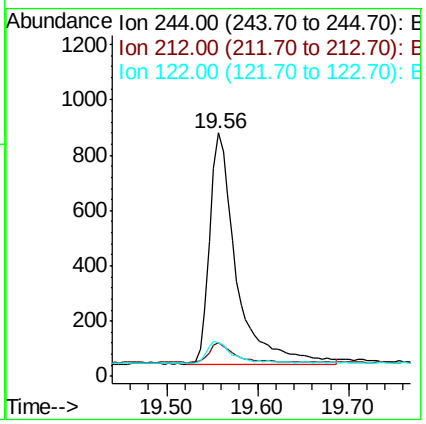


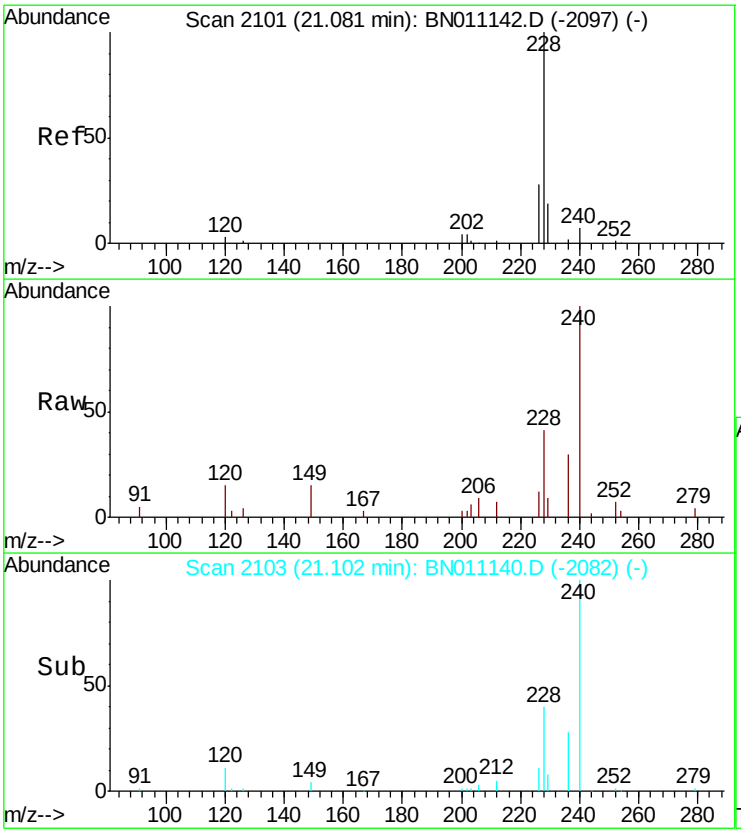
#31
Terphenyl-d14
Concen: 0.100 ng
RT: 19.56 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1691

Ion	Ratio	Lower	Upper
244	100		
212	13.7	7.8	11.6#
122	13.8	7.4	11.0#

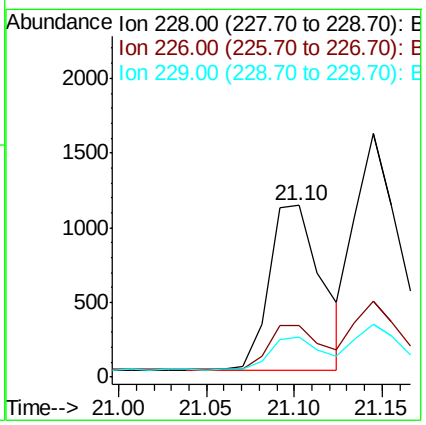


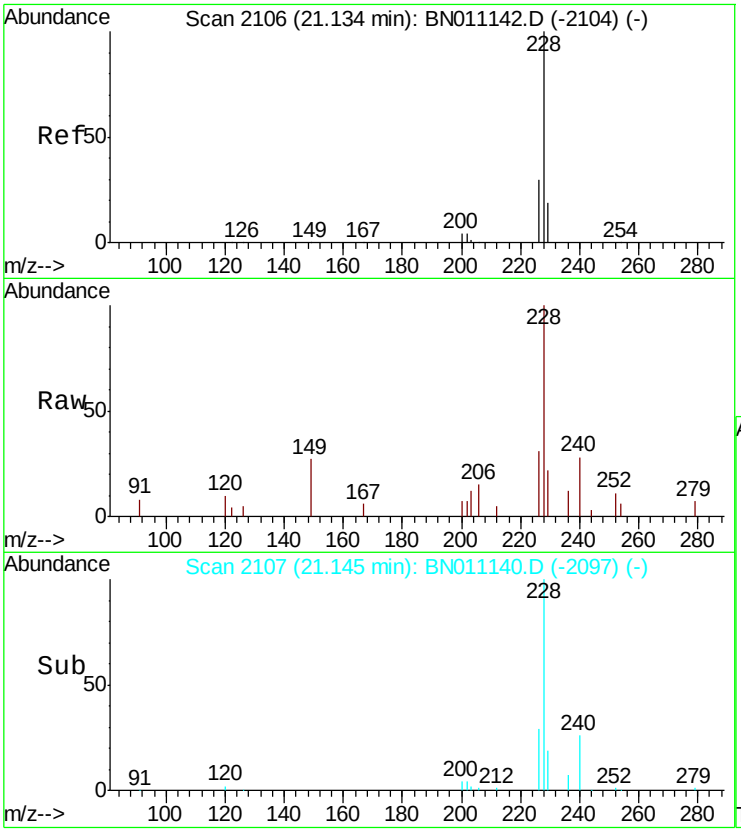


#32
Benzo(a)anthracene
Concen: 0.106 ng
RT: 21.10 min Scan# 2103
Delta R.T. 0.02 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:228 Resp: 2304

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.2	34.8
229	23.0	16.2	24.4



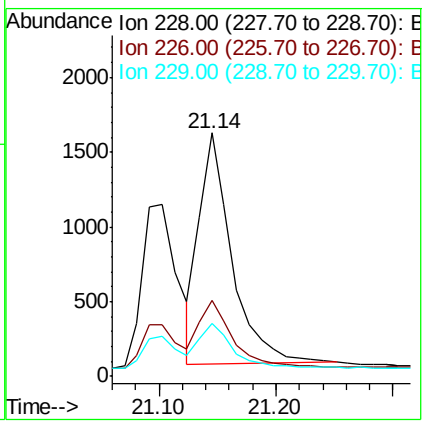


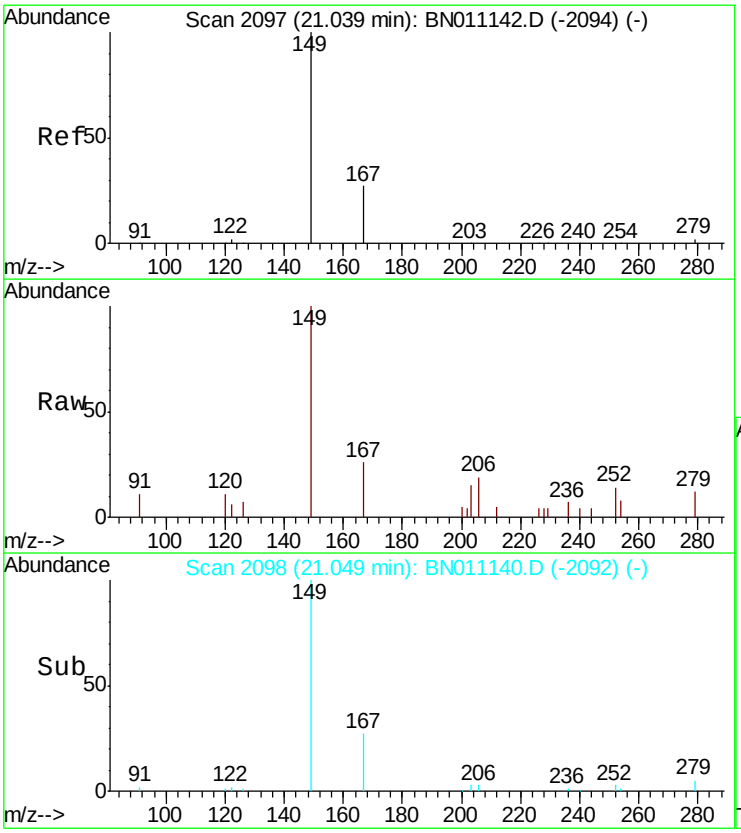
#33
Chrysene
Concen: 0.121 ng
RT: 21.14 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 3005

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	21.7	16.2	24.4

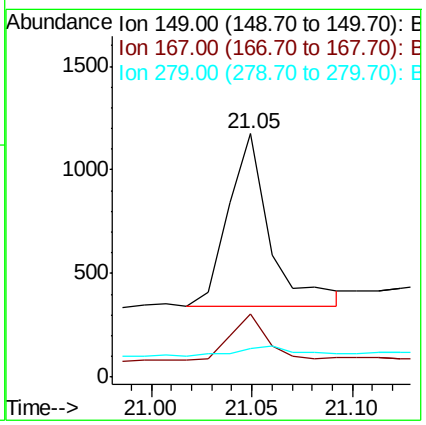


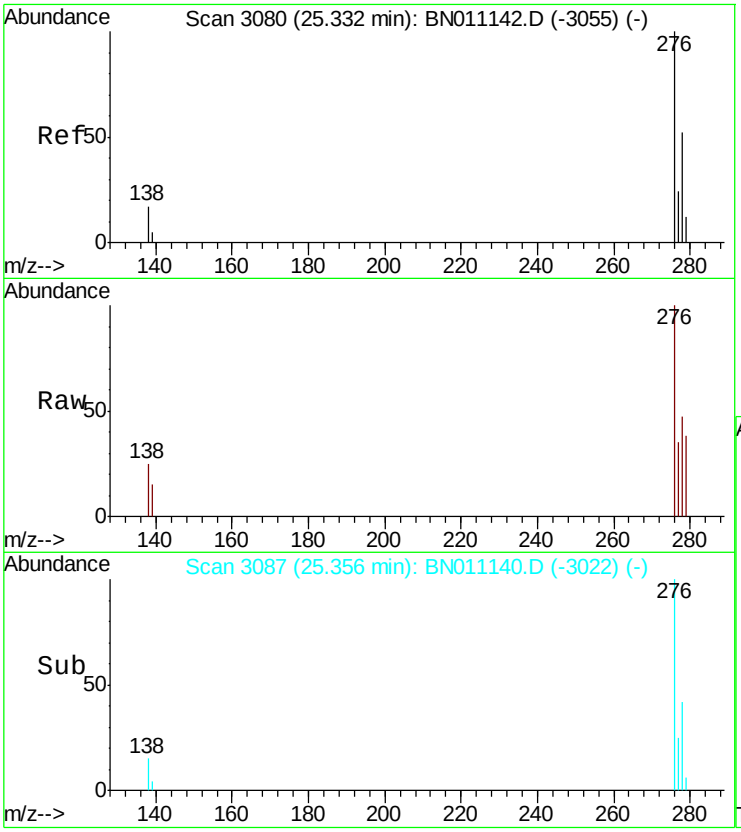


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.137 ng
RT: 21.05 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:149 Resp: 1206

Ion	Ratio	Lower	Upper
149	100		
167	24.0	23.4	35.0
279	7.4	4.5	6.7#



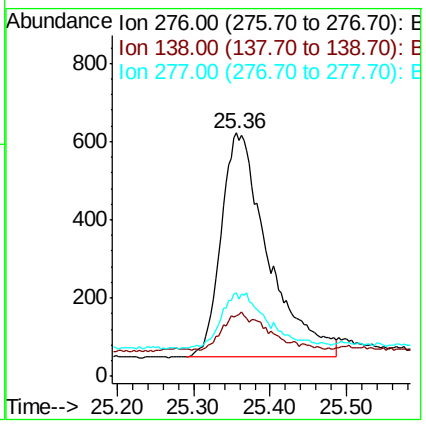


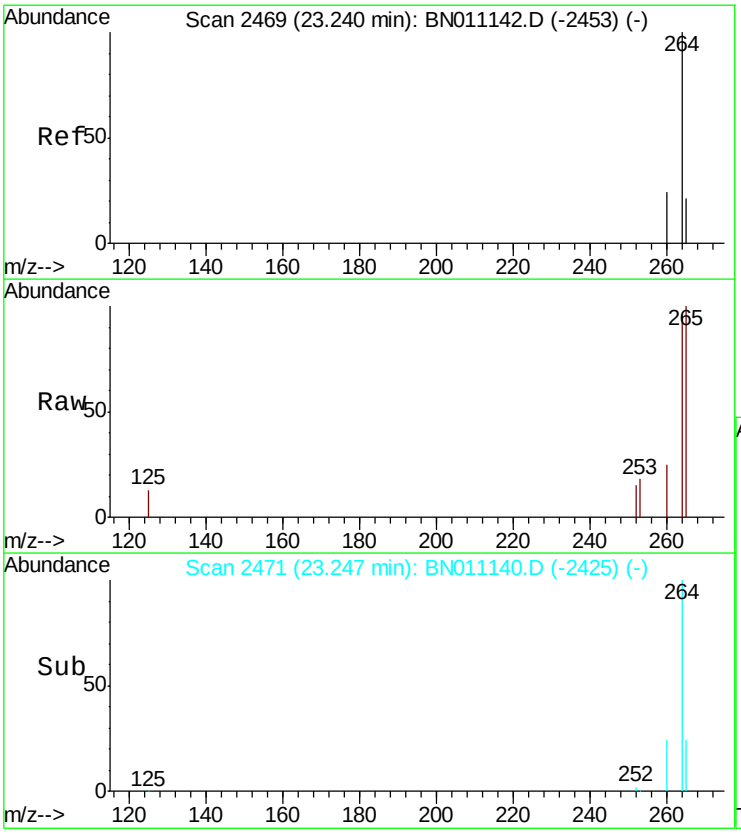
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng
RT: 25.36 min Scan# 3087
Delta R.T. 0.02 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2444

Ion	Ratio	Lower	Upper
276	100		
138	9.2	13.0	19.6#
277	10.3	19.7	29.5#

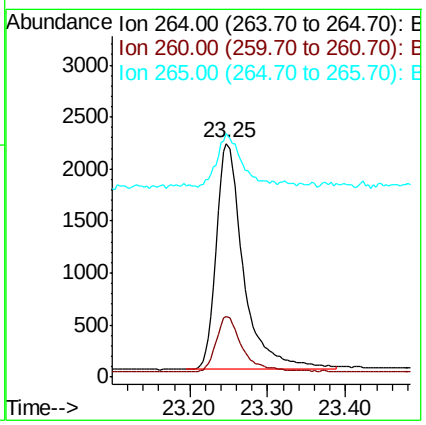


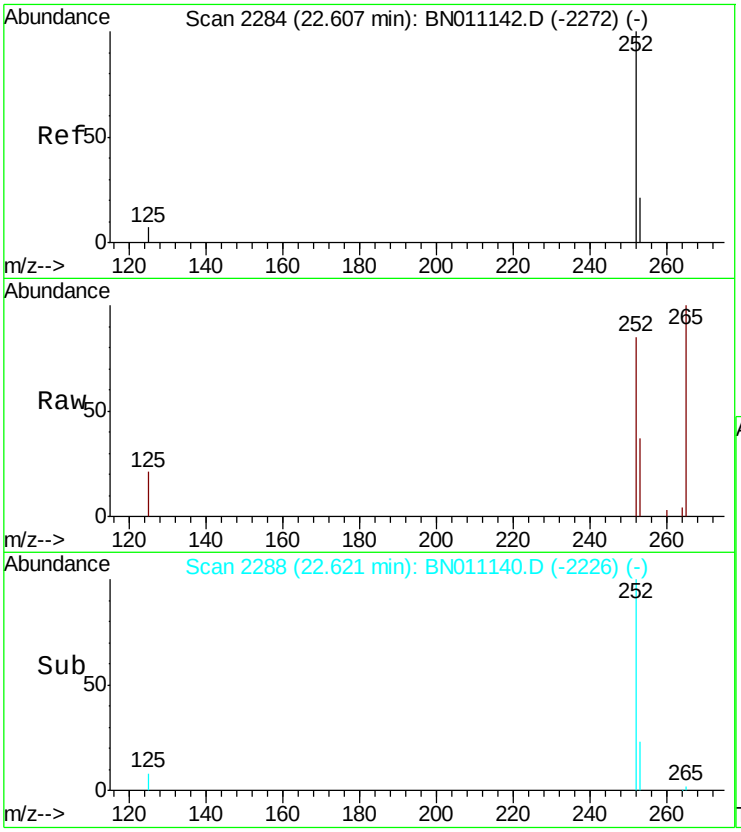


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:264 Resp: 5306

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.1	30.1
265	104.2	76.6	115.0



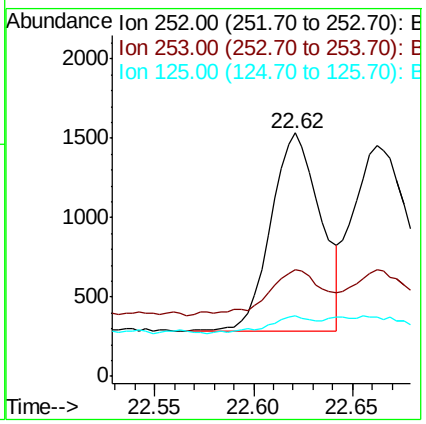


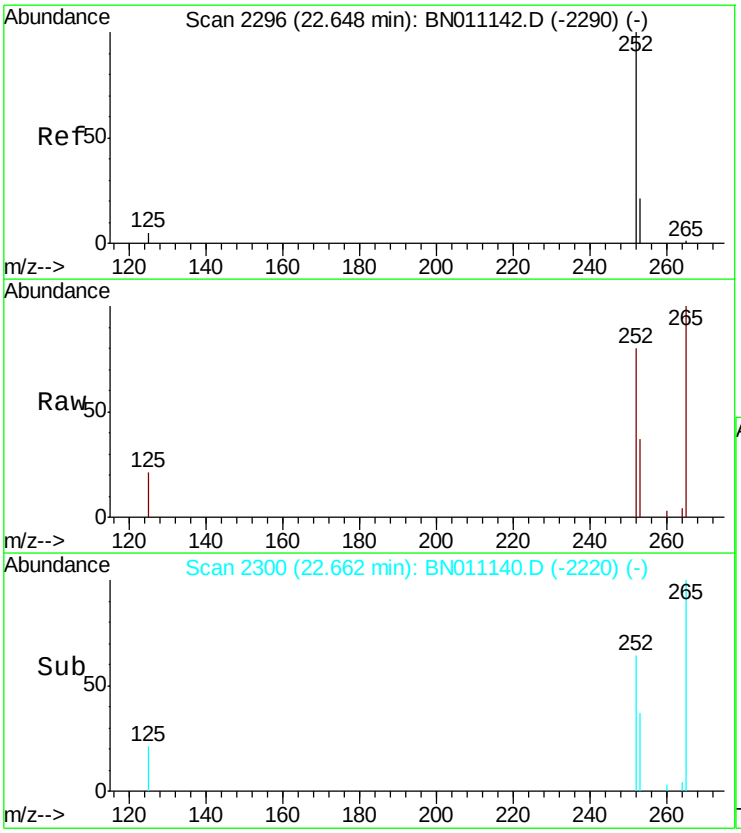
#37
Benzo(b)fluoranthene
Concen: 0.102 ng
RT: 22.62 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2174

Ion	Ratio	Lower	Upper
252	100		
253	43.7	22.6	34.0#
125	24.8	9.6	14.4#

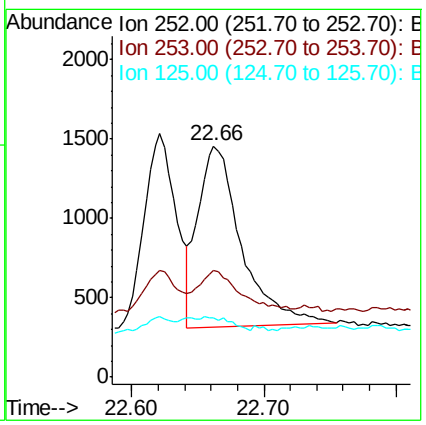


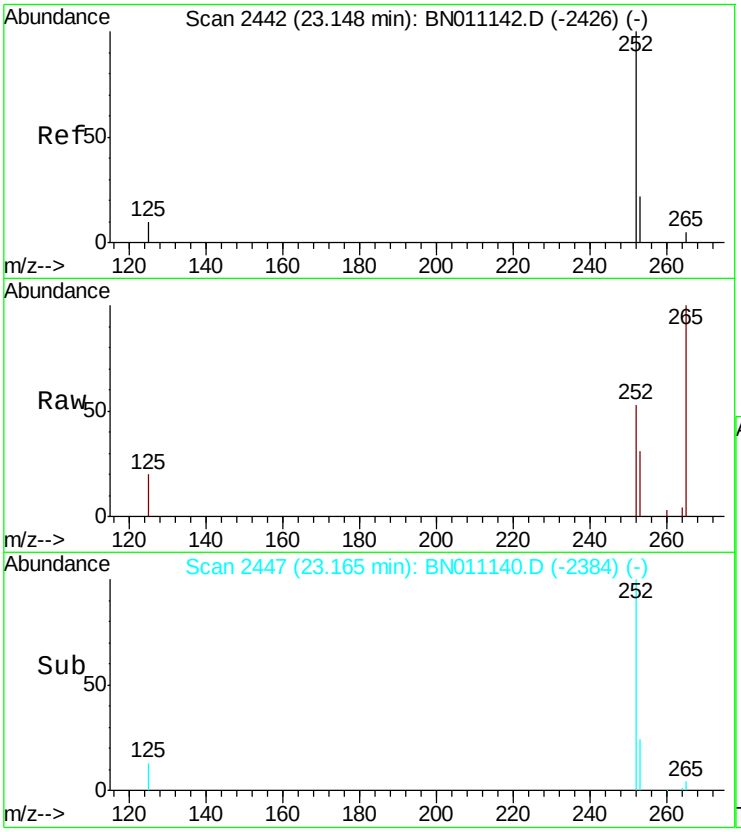


#38
Benzo(k)fluoranthene
Concen: 0.114 ng
RT: 22.66 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:252 Resp: 2603

Ion	Ratio	Lower	Upper
252	100		
253	46.2	22.2	33.4#
125	25.8	11.0	16.4#



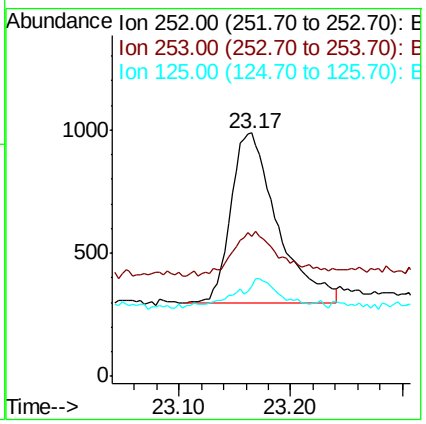


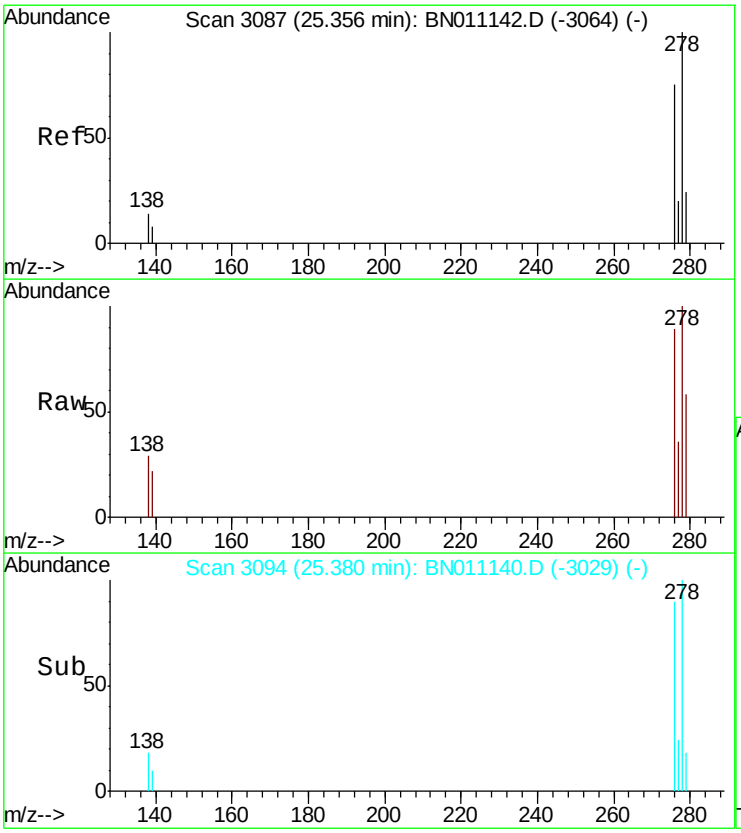
#39
Benzo(a)pyrene
Concen: 0.108 ng
RT: 23.17 min Scan# 2447
Delta R.T. 0.02 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1989

Ion	Ratio	Lower	Upper
252	100		
253	57.7	25.8	38.6#
125	37.0	13.4	20.0#

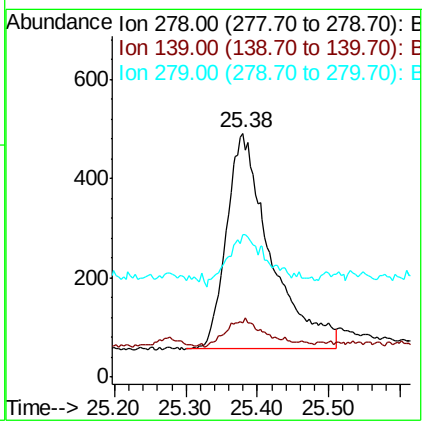


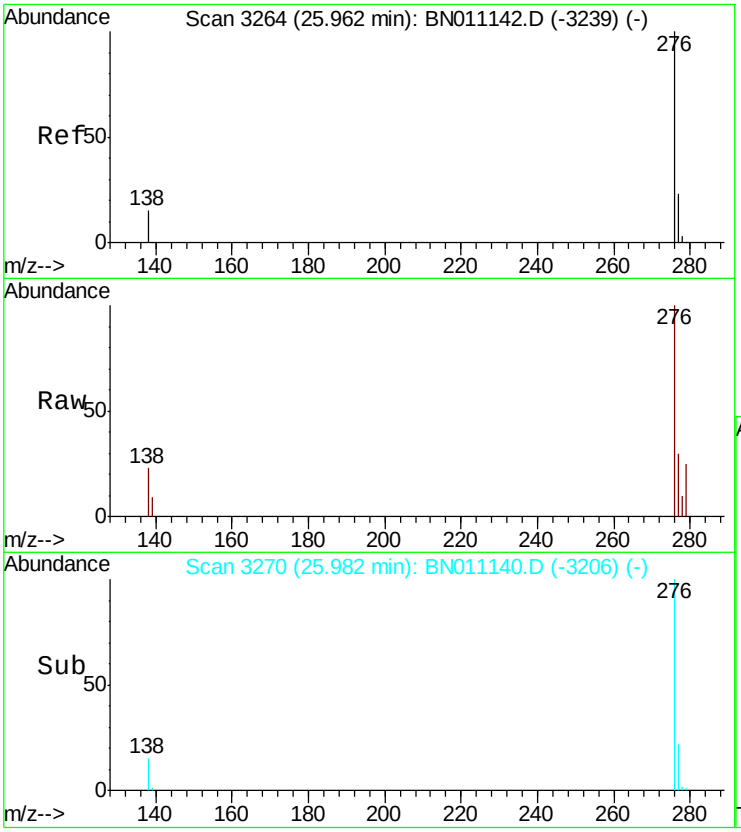


#40
Dibenzo(a,h)anthracene
Concen: 0.099 ng
RT: 25.38 min Scan# 3094
Delta R.T. 0.02 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Tgt Ion:278 Resp: 1855

Ion	Ratio	Lower	Upper
278	100		
139	22.2	11.7	17.5#
279	58.2	25.0	37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.132 ng
RT: 25.98 min Scan# 3270
Delta R.T. 0.02 min
Lab File: BN011140.D
Acq: 10 Jul 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2723

Ion	Ratio	Lower	Upper
276	100		
277	29.9	20.5	30.7
138	22.7	13.8	20.6#