Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
Data File : BN011030.D
Acq On : 23 Jun 2020 13:40
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jun 23 16:44:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 16:32:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2564	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	8818	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	4725	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	9529	0.40	ng		0.00
29) Chrysene-d12	21.11	240	9946	0.40	ng		0.00
36) Perylene-d12	23.26	264	8509	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	835	0.17	ng		0.00
5) Phenol-d6	6.72	99	971	0.16	ng		0.00
8) Nitrobenzene-d5	8.66	82	903	0.14	ng		0.01
11) 2-Methylnaphthalene-d10	11.86	152	1698	0.12	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	228	0.14	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	2448	0.14	ng		0.00
27) Fluoranthene-d10	18.94	212	3488	0.14	ng		0.00
31) Terphenyl-d14	19.56	244	3058	0.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	324	0.129	ng		93
6) bis(2-Chloroethyl)ether	6.97	93	850	0.144	ng		99
9) Naphthalene	10.32	128	2915	0.133	ng		94
10) Hexachlorobutadiene	10.61	225	703	0.132	ng	#	97
12) 2-Methylnaphthalene	11.94	142	1965	0.131	ng		97
16) Acenaphthylene	13.85	152	2546	0.133	ng		99
17) Acenaphthene	14.21	154	1790	0.137	ng		99
18) Fluorene	15.20	166	2325	0.137	ng		98
20) 4,6-Dinitro-2-methylphenol	15.31	198	129	0.112	ng	#	29
21) 4-Bromophenyl-phenylether	16.11	248	723	0.132	ng	#	78
22) Hexachlorobenzene	16.22	284	832	0.143	ng		99
23) Atrazine	16.39	200	529	0.157	ng	#	92
25) Phenanthrene	16.93	178	3583	0.139	ng		99
26) Anthracene	17.03	178	2836	0.132	ng		99
28) Fluoranthene	18.97	202	4220	0.147	ng		99
30) Pyrene	19.34	202	4430	0.139	ng		99
32) Benzo(a)anthracene	21.10	228	3829	0.133	ng		98
33) Chrysene	21.16	228	4326	0.132	ng		98
34) Bis(2-ethylhexyl)phthalate	21.06	149	1684	0.165	ng		97
35) Indeno(1,2,3-cd)pyrene	25.37	276	4188	0.115	ng		99
37) Benzo(b)fluoranthene	22.63	252	3760	0.132	ng	#	77
38) Benzo(k)fluoranthene	22.67	252	3873	0.129	ng	#	76
39) Benzo(a)pyrene	23.17	252	3217	0.131	ng	#	66
40) Dibenzo(a,h)anthracene	25.38	278	3330	0.122	ng	#	78
41) Benzo(g,h,i)perylene	26.00	276	3668	0.129	ng		91

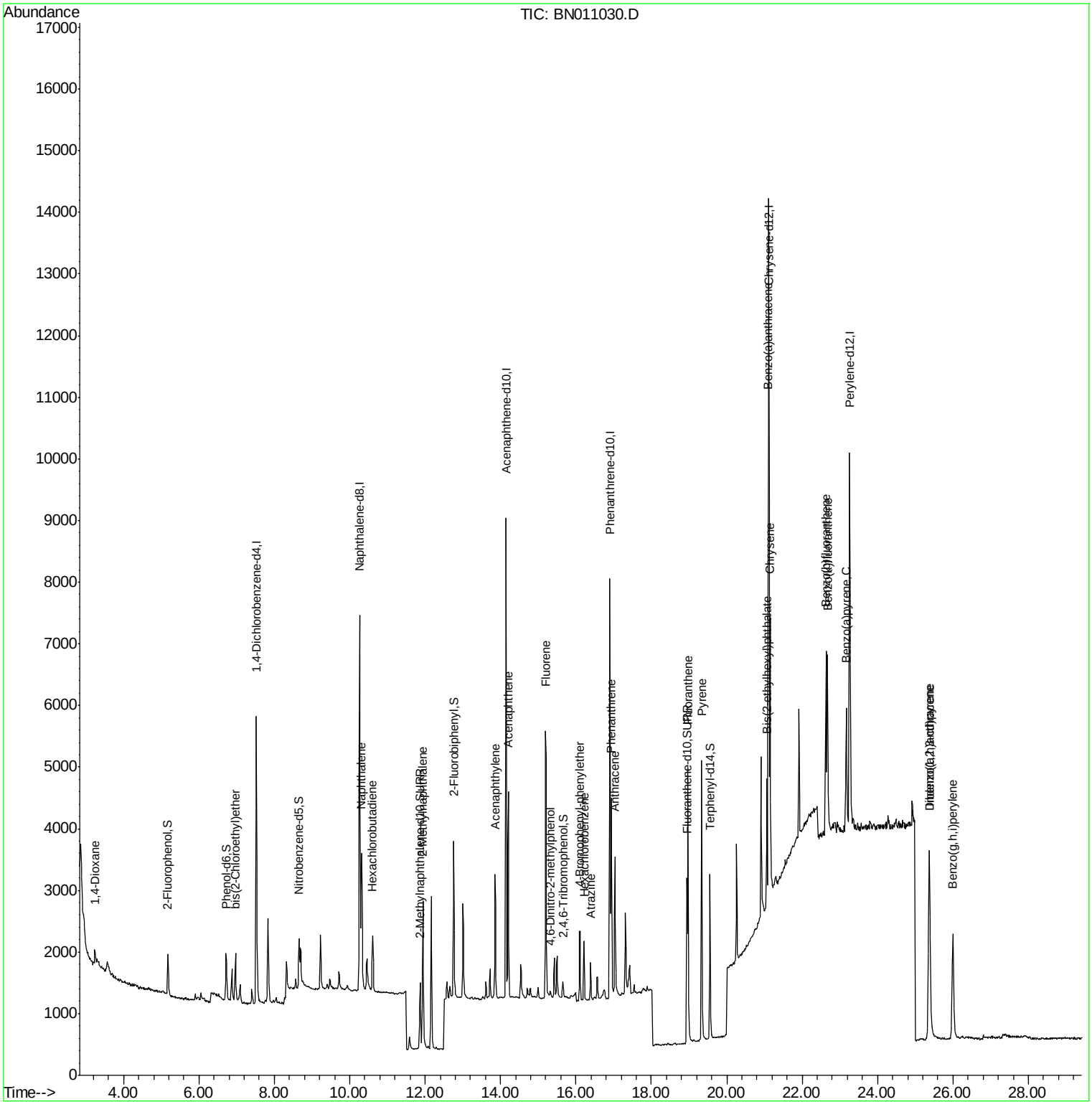
(#) = qualifier out of range (m) = manual integration (+) = signals summed

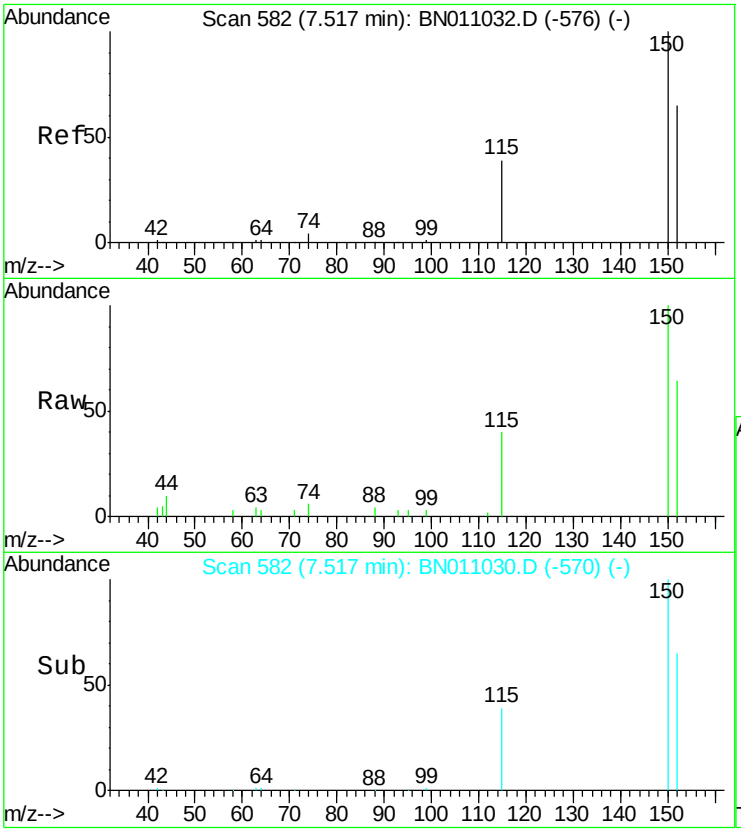
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
Data File : BN011030.D
Acq On : 23 Jun 2020 13:40
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 23 16:44:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 16:32:59 2020
Response via : Initial Calibration



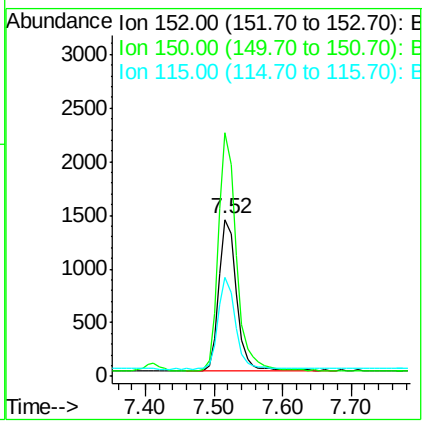


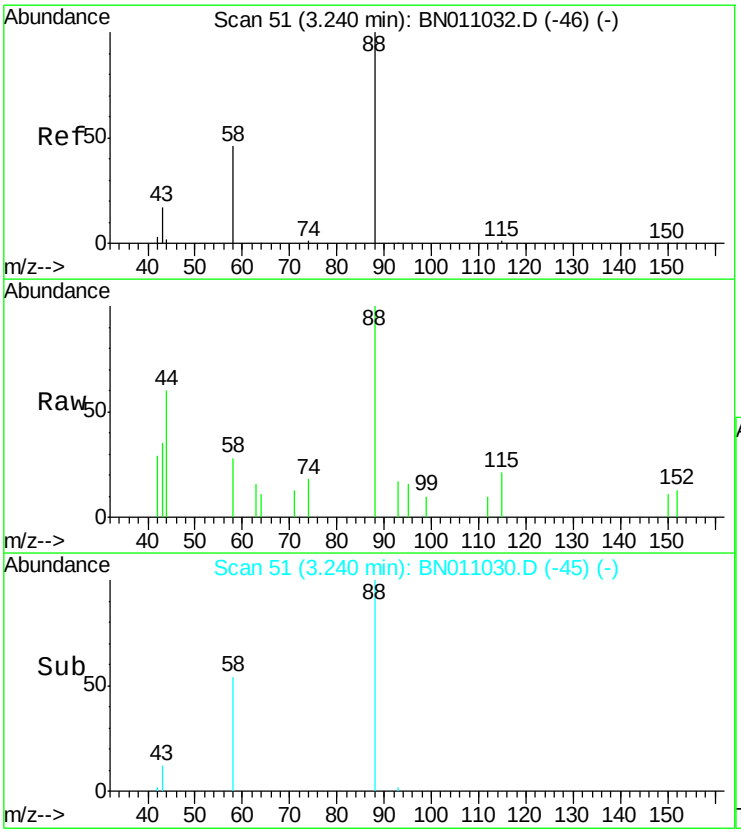
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2564

Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.8	182.8
115	62.7	50.2	75.2

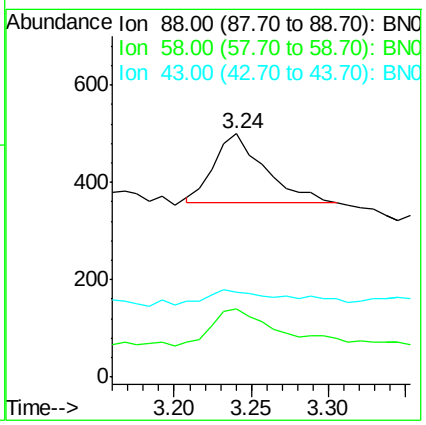


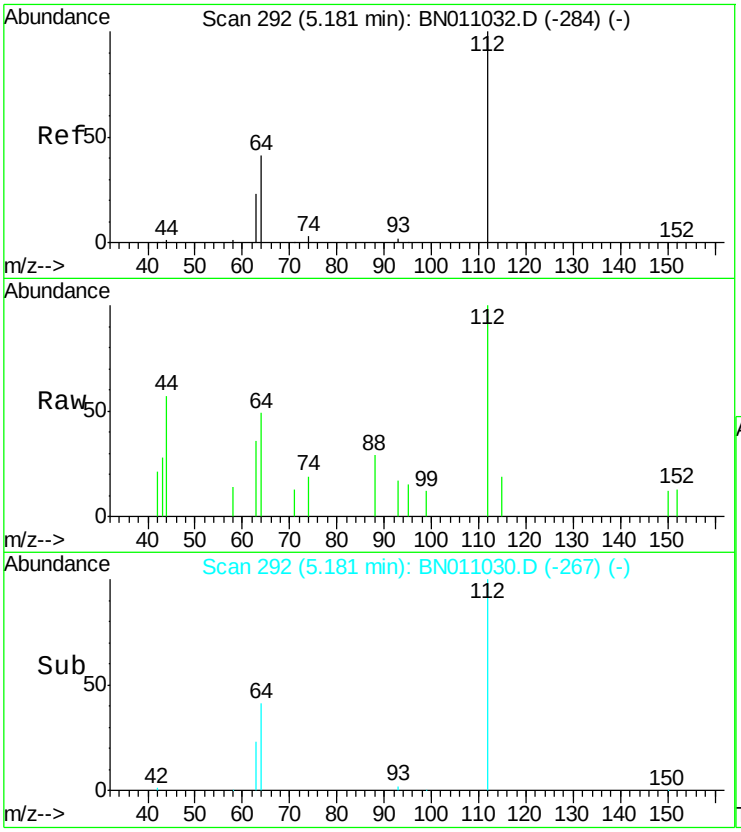


#2
1,4-Dioxane
Concen: 0.129 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion: 88 Resp: 324

Ion	Ratio	Lower	Upper
88	100		
58	52.8	38.4	57.6
43	20.1	14.2	21.4



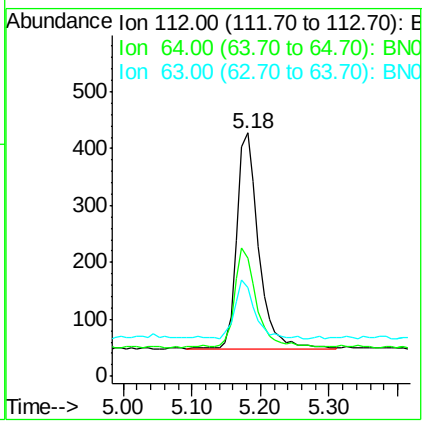


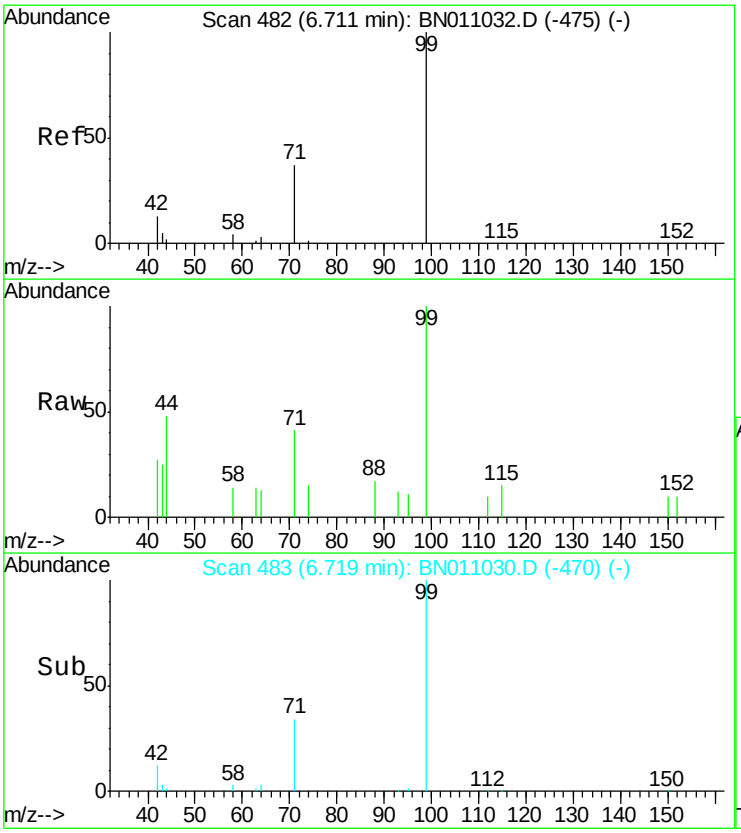
#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:112 Resp: 835

Ion	Ratio	Lower	Upper
112	100		
64	44.7	37.3	55.9
63	25.6	20.4	30.6

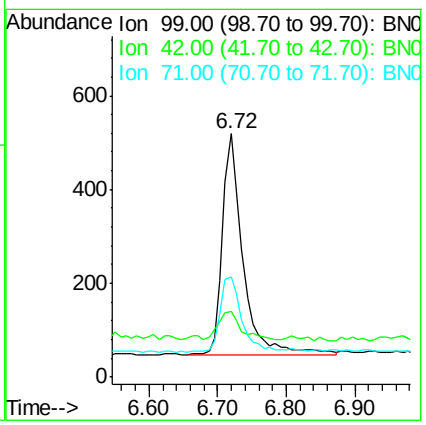


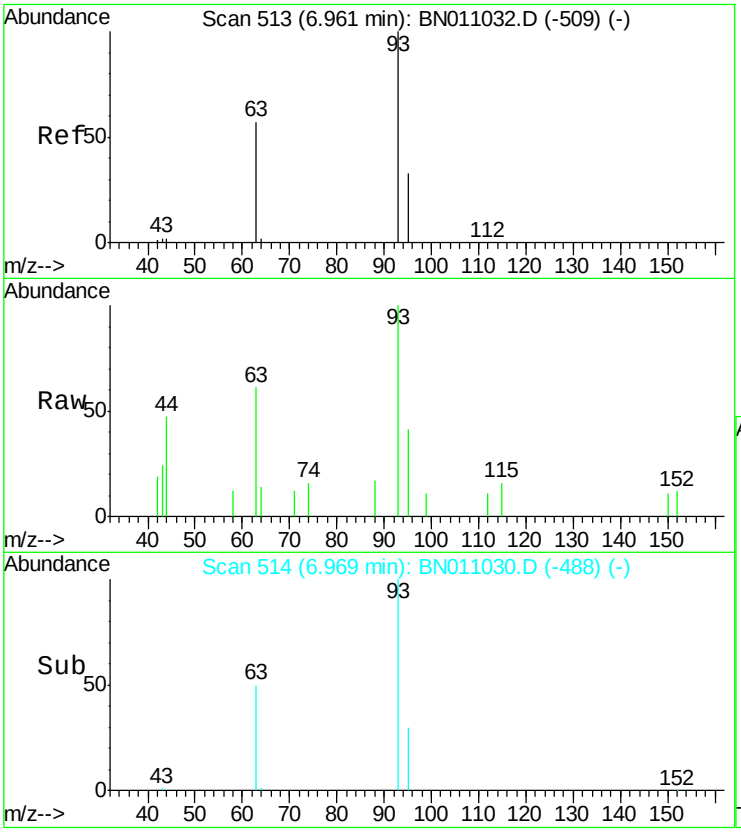


#5
Phenol-d6
Concen: 0.159 ng
RT: 6.72 min Scan# 483
Delta R.T. 0.01 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion: 99 Resp: 971

Ion	Ratio	Lower	Upper
99	100		
42	14.4	10.6	16.0
71	36.5	28.7	43.1



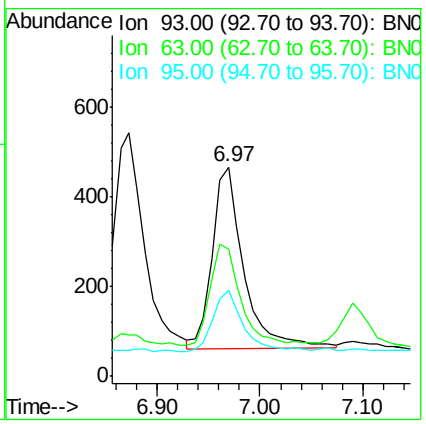


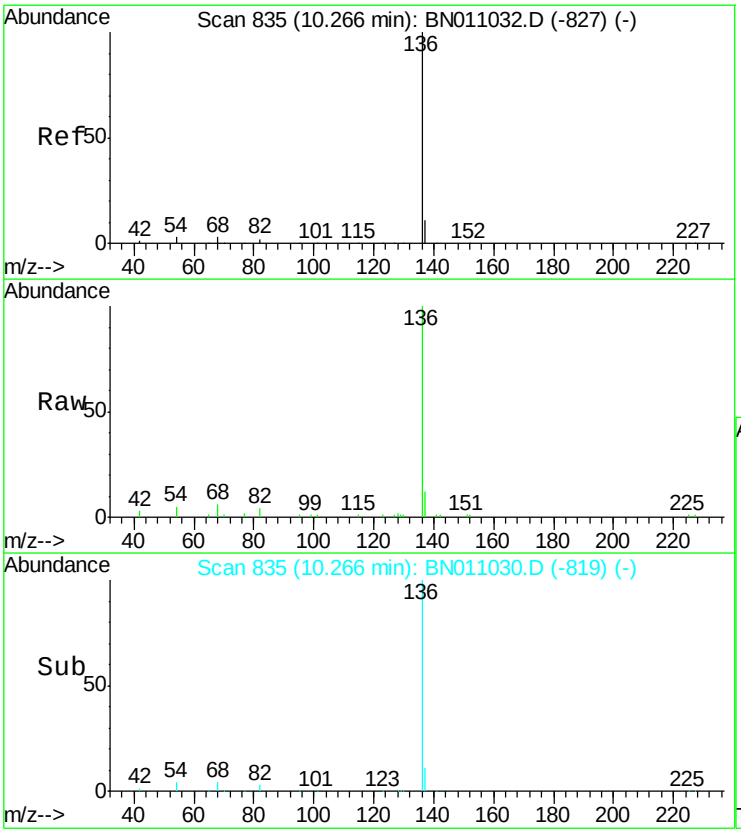
#6
bis(2-Chloroethyl)ether
Concen: 0.144 ng
RT: 6.97 min Scan# 514
Delta R.T. 0.01 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 850

Ion	Ratio	Lower	Upper
93	100		
63	54.9	43.7	65.5
95	33.2	25.3	37.9

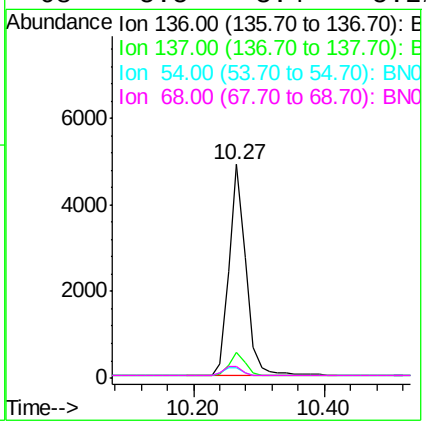


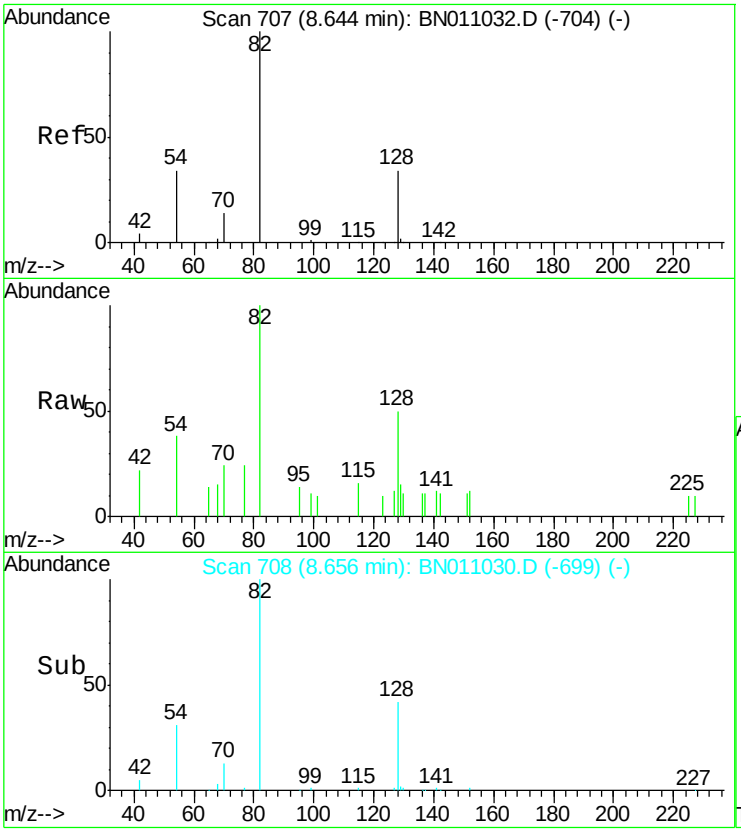


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:136 Resp: 8818

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	4.6	3.0	4.4#
68	5.5	3.4	5.2#



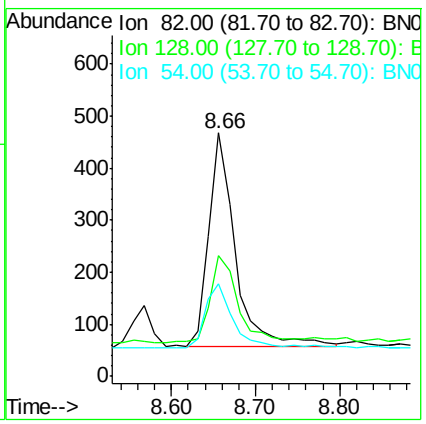


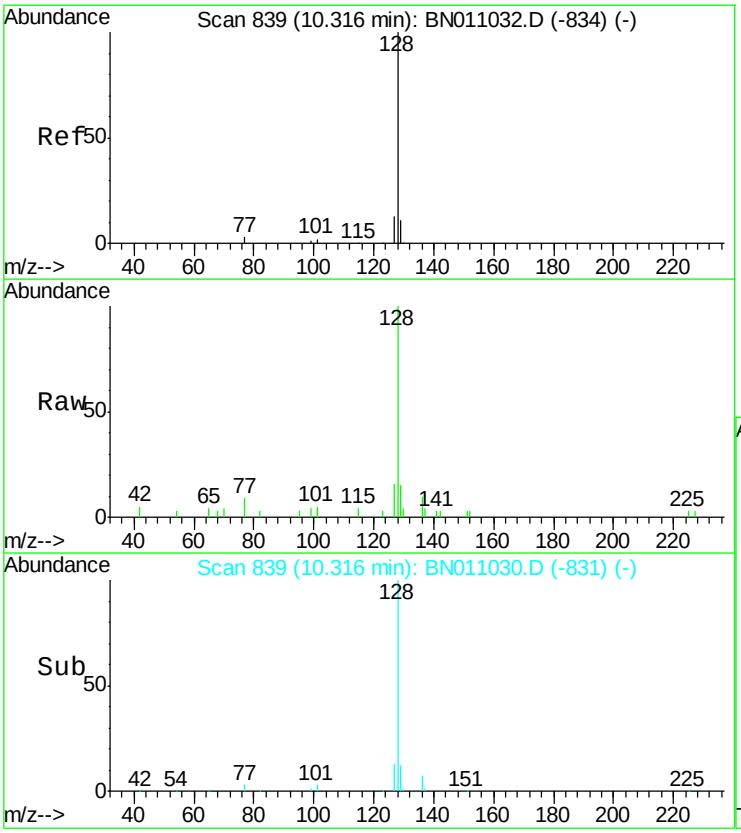
#8
Nitrobenzene-d5
Concen: 0.142 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.01 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 903

Ion	Ratio	Lower	Upper
82	100		
128	49.6	29.4	44.2#
54	37.8	28.8	43.2

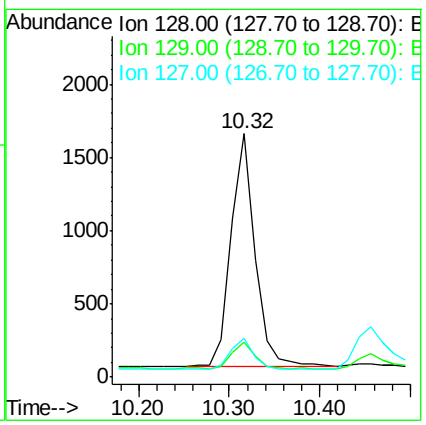


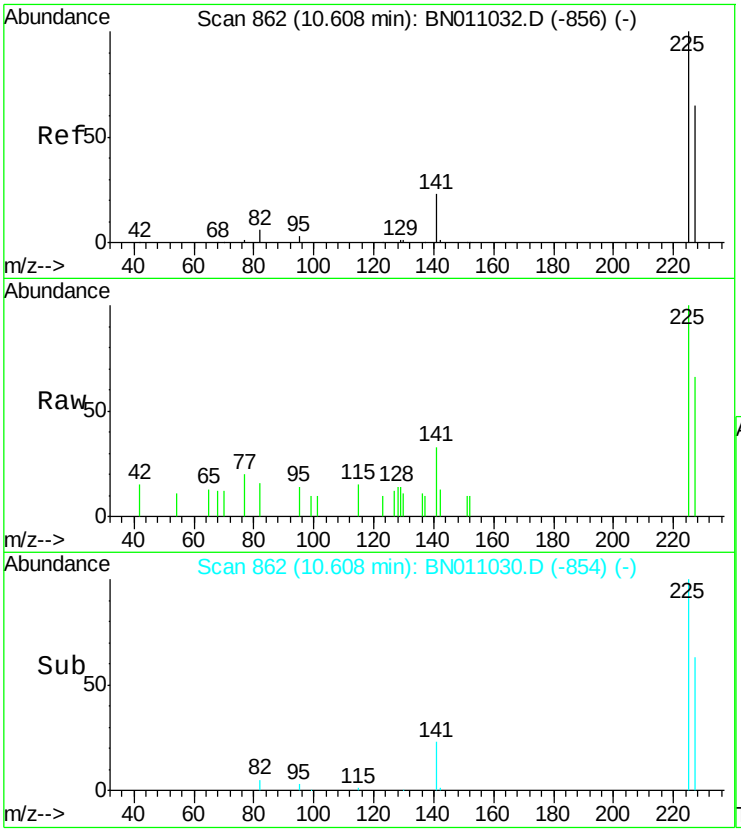


#9
Naphthalene
Concen: 0.133 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:128 Resp: 2915

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.8	14.6
127	15.9	10.9	16.3



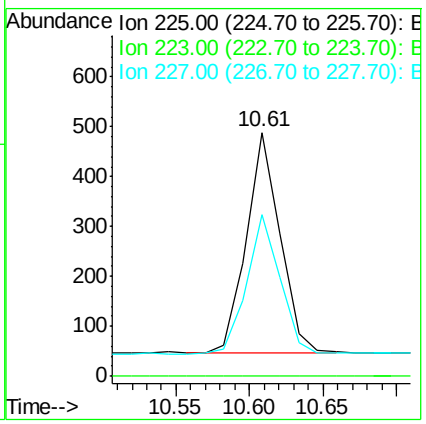


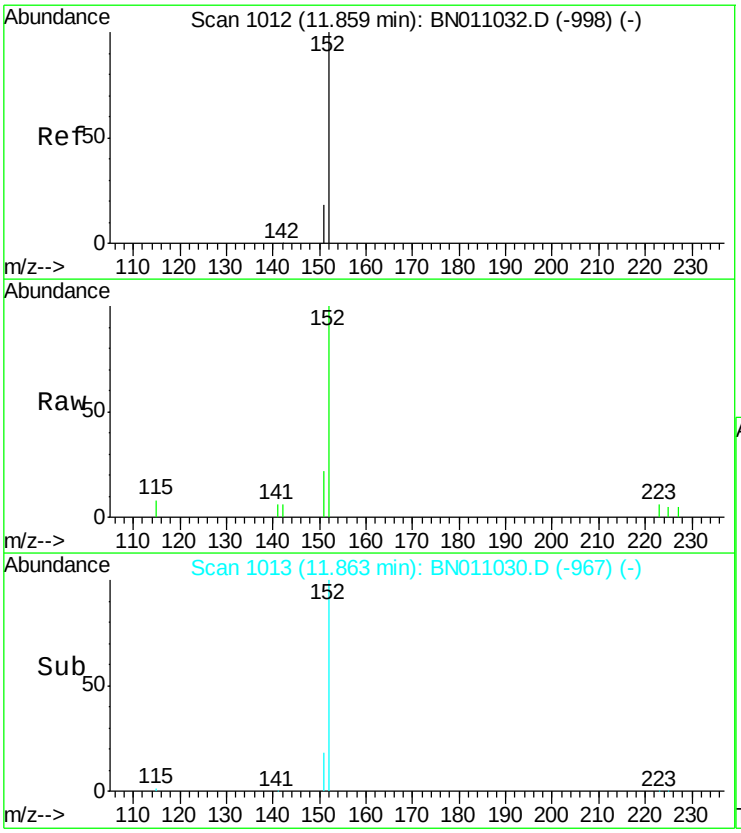
#10
Hexachlorobutadiene
Concen: 0.132 ng
RT: 10.61 min Scan# 862
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 703

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.2	51.7	77.5

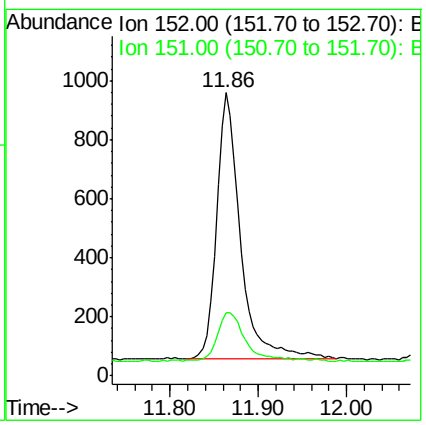


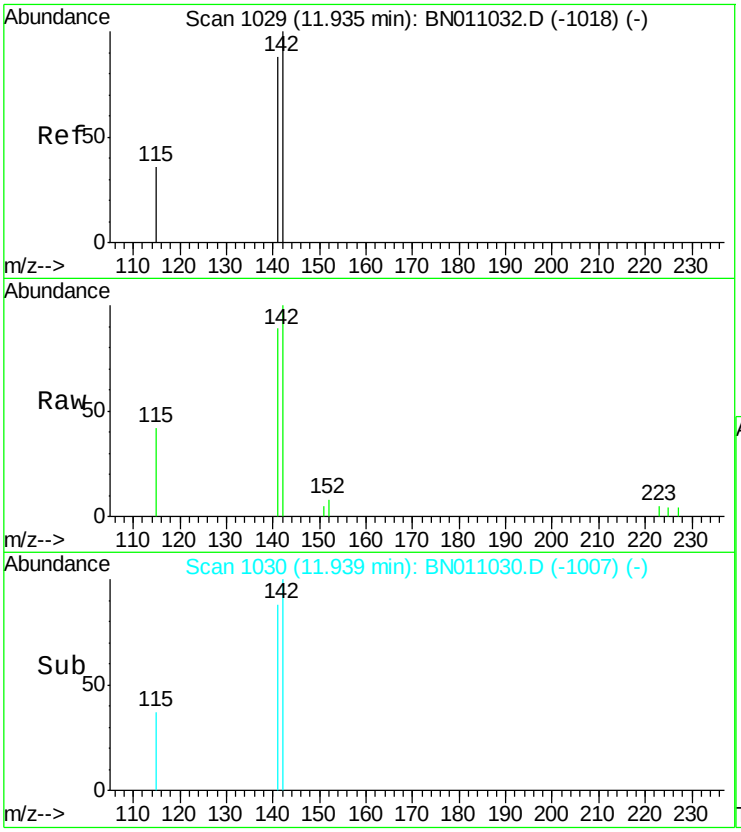


#11
2-Methylnaphthalene-d10
Concen: 0.124 ng
RT: 11.86 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:152 Resp: 1698

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4



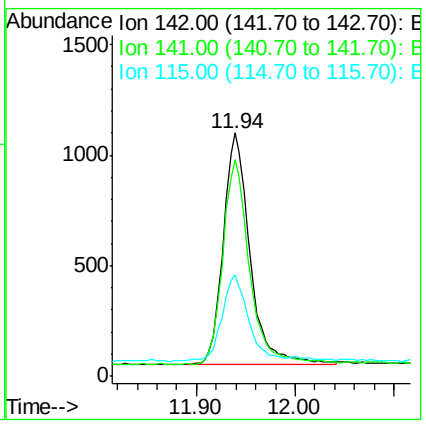


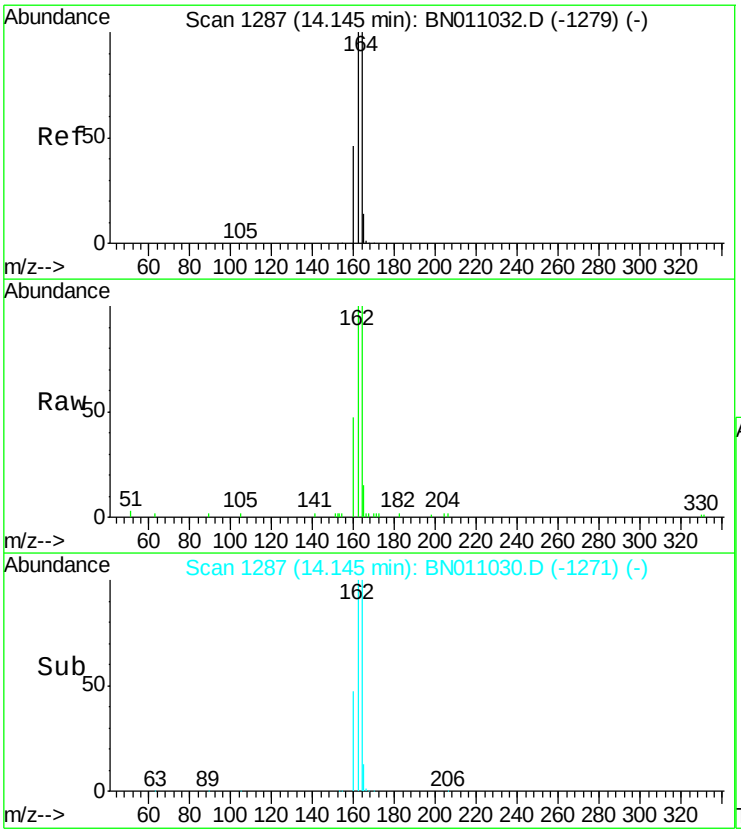
#12
2-Methylnaphthalene
Concen: 0.131 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 1965

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.6	106.0
115	41.9	30.2	45.2

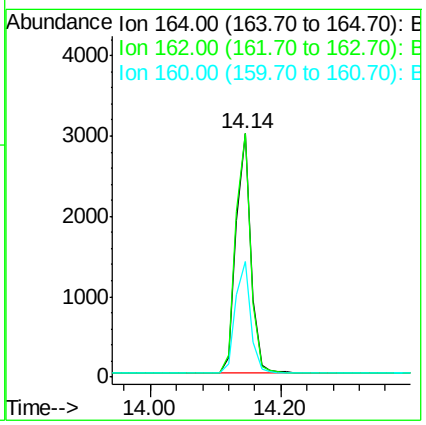


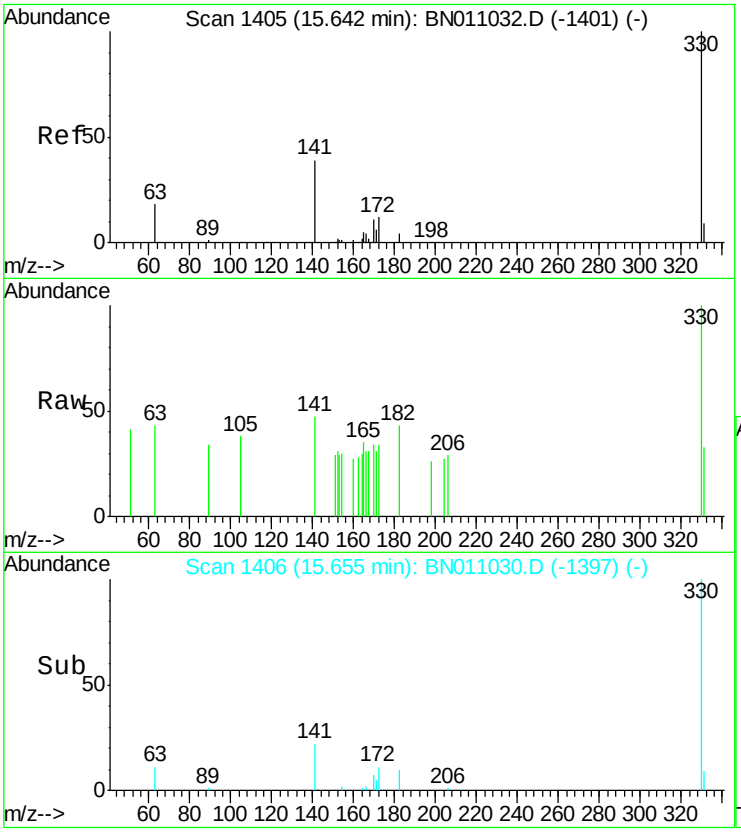


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:164 Resp: 4725

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.4
160	47.3	37.7	56.5



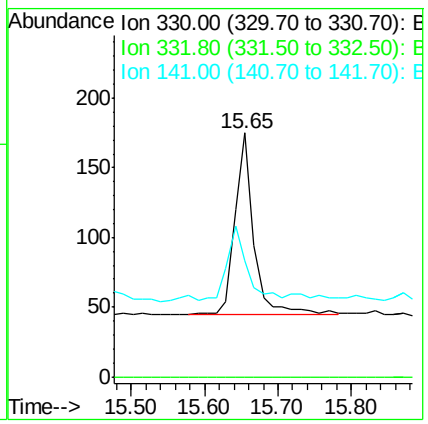


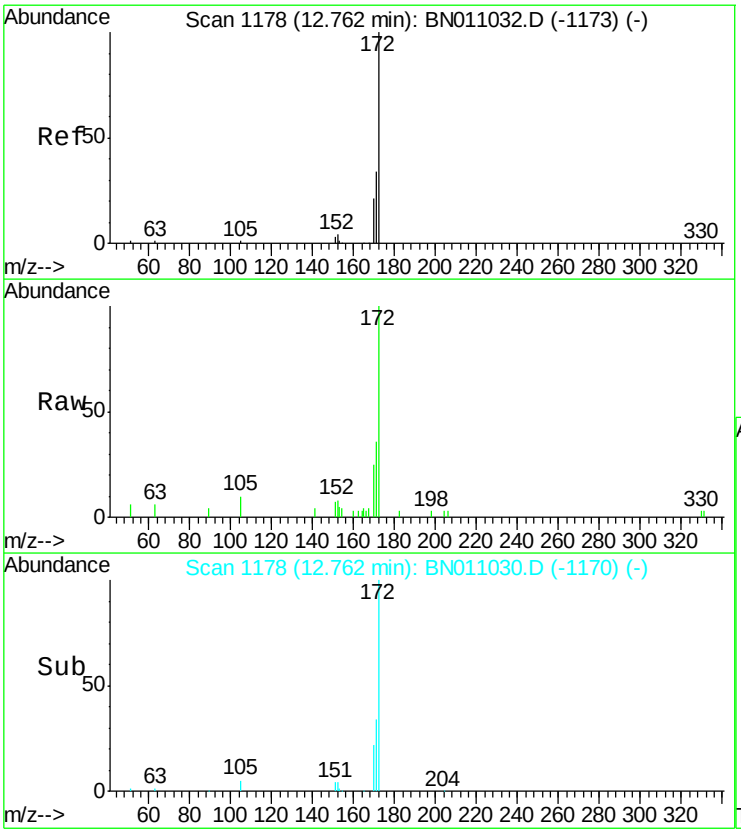
#14
2,4,6-Tribromophenol
Concen: 0.135 ng
RT: 15.65 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 228

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.5	34.5	51.7

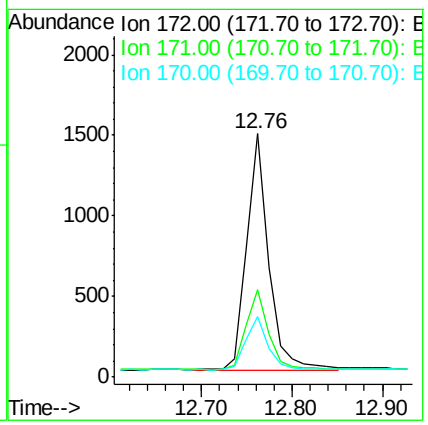


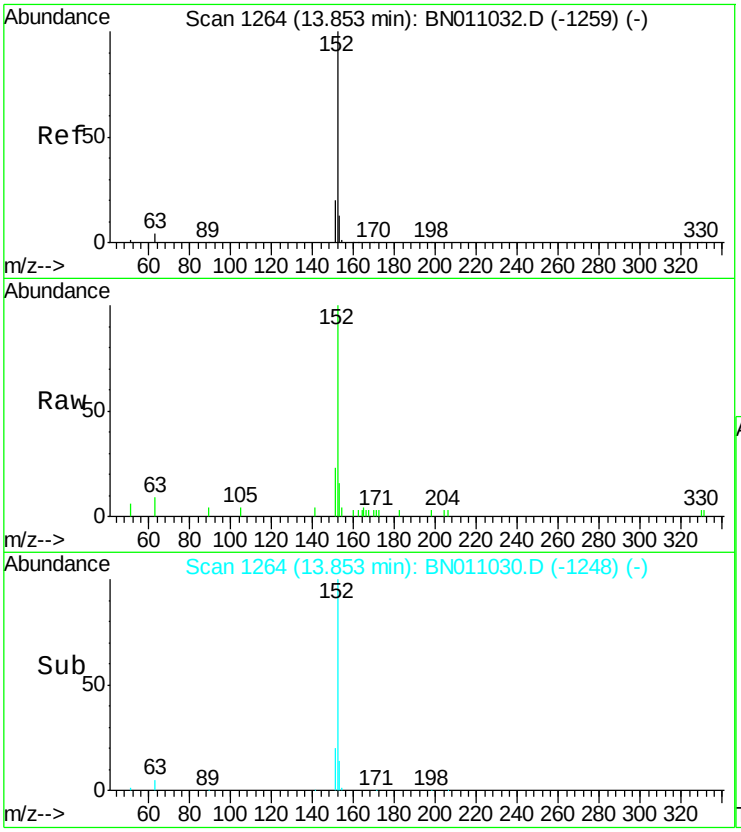


#15
2-Fluorobiphenyl
Concen: 0.136 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:172 Resp: 2448

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.4	41.2
170	24.8	17.5	26.3



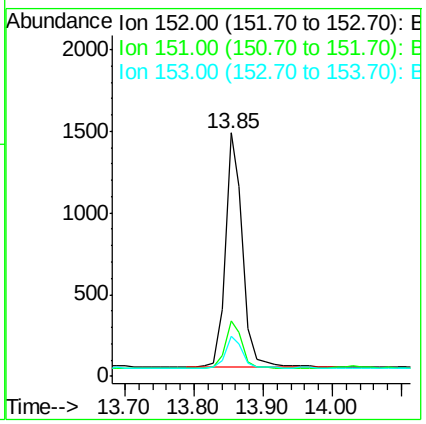


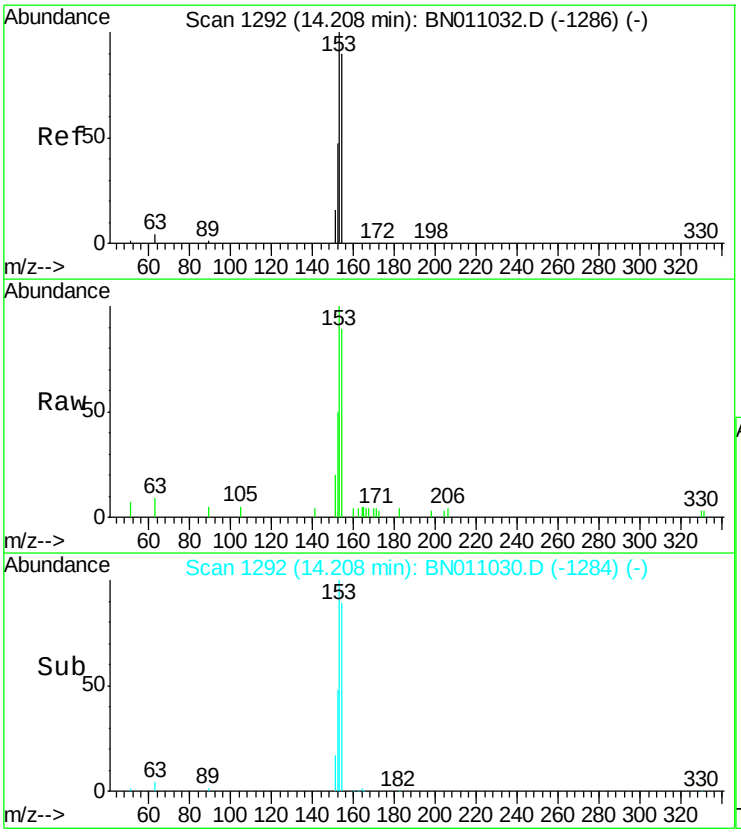
#16
Acenaphthylene
Concen: 0.133 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2546

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.6	10.2	15.2

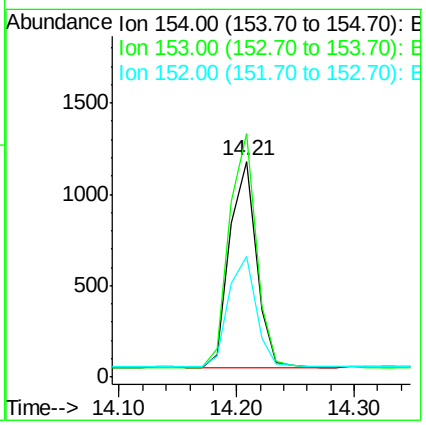


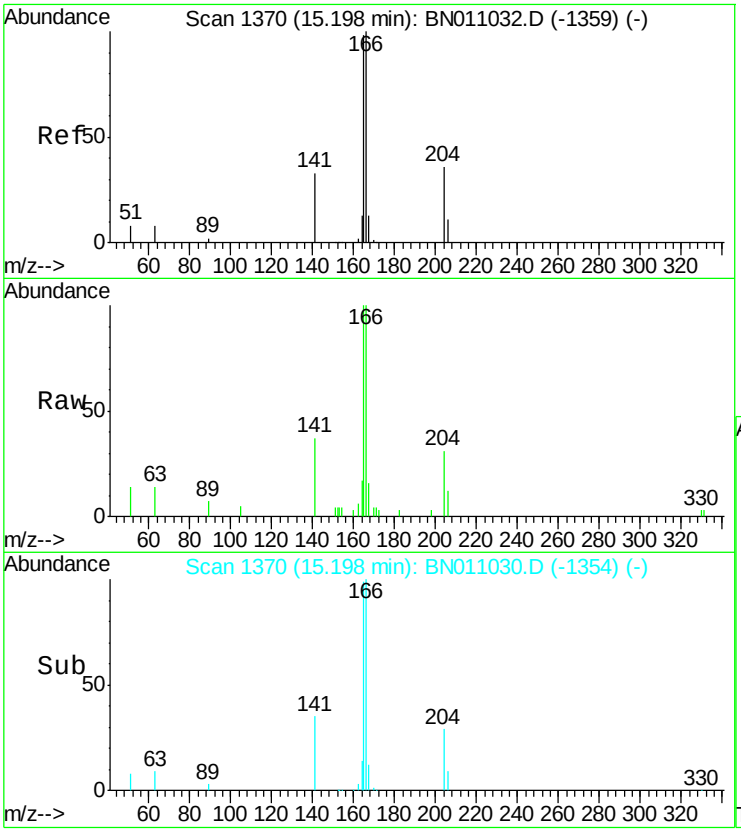


#17
Acenaphthene
Concen: 0.137 ng
RT: 14.21 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:154 Resp: 1790

Ion	Ratio	Lower	Upper
154	100		
153	116.6	92.3	138.5
152	56.5	45.5	68.3



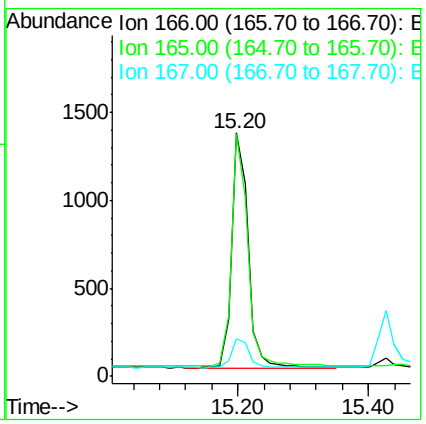


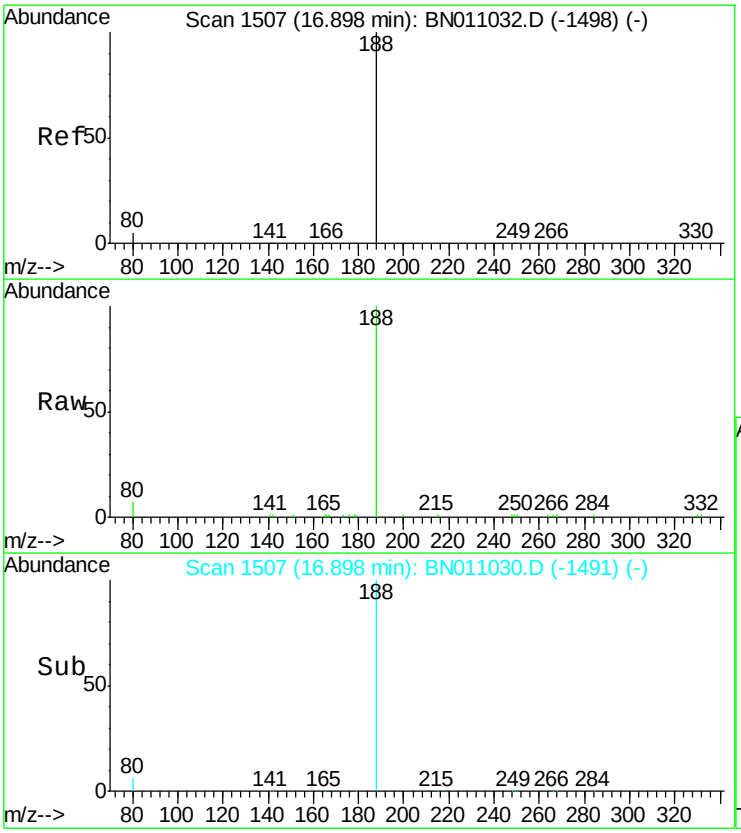
#18
Fluorene
Concen: 0.137 ng
RT: 15.20 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 2325

Ion	Ratio	Lower	Upper
166	100		
165	94.5	77.8	116.8
167	13.6	10.8	16.2

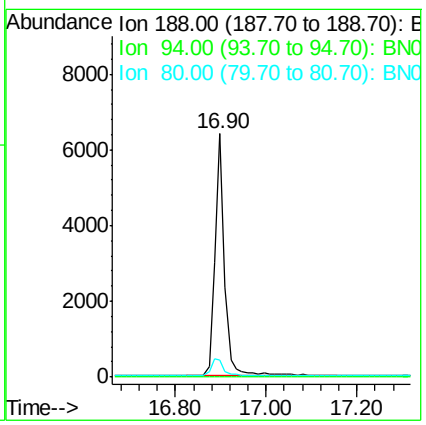


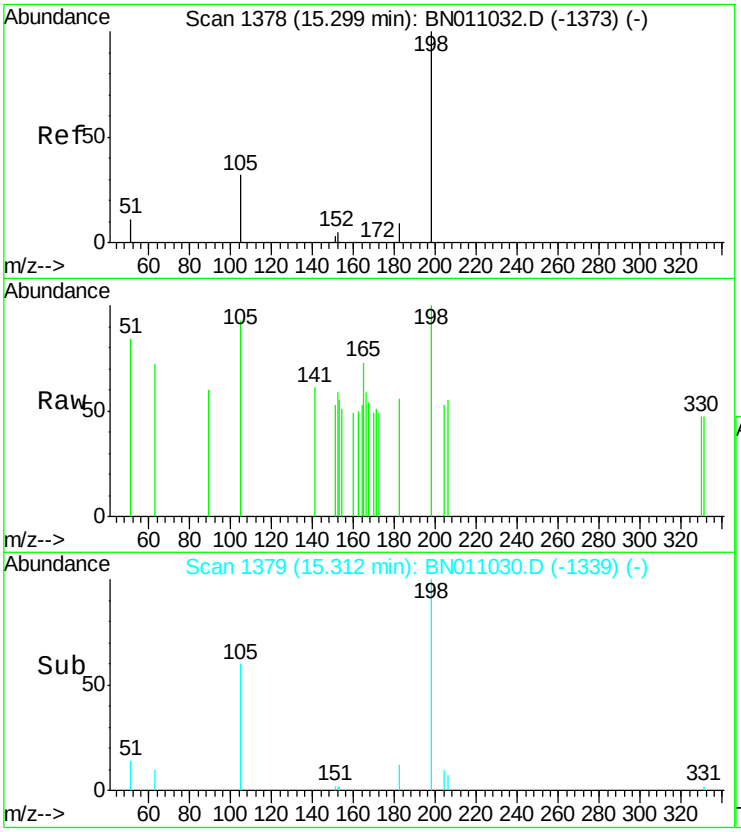


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:188 Resp: 9529

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	4.6	7.0#



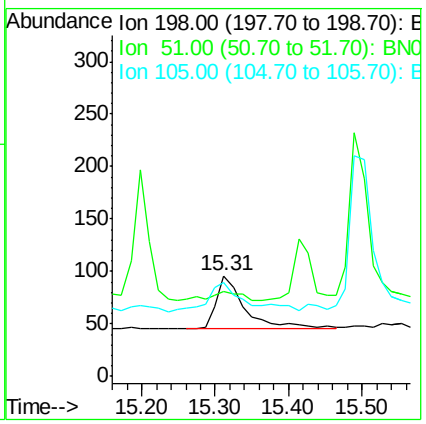


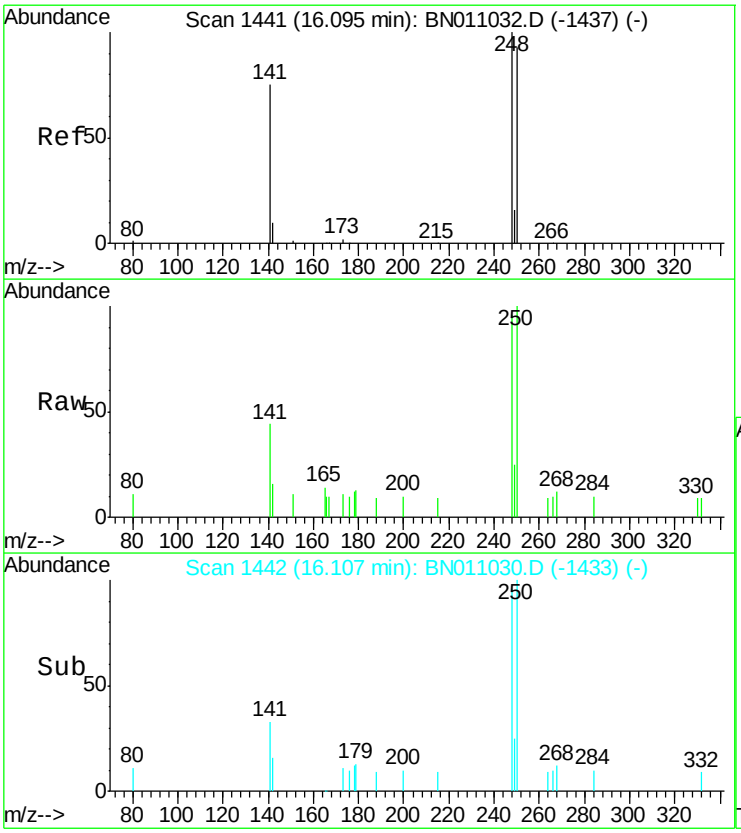
#20
4,6-Dinitro-2-methylphenol
Concen: 0.112 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:198 Resp: 129

Ion	Ratio	Lower	Upper
198	100		
51	84.4	29.5	44.3#
105	92.7	39.2	58.8#

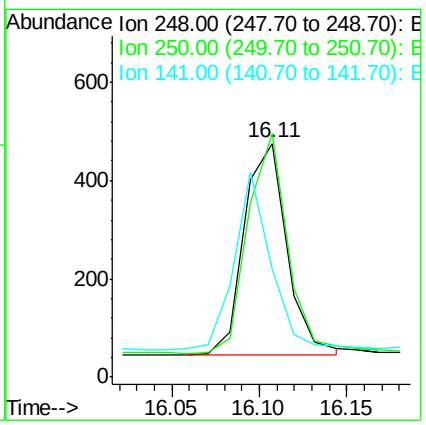


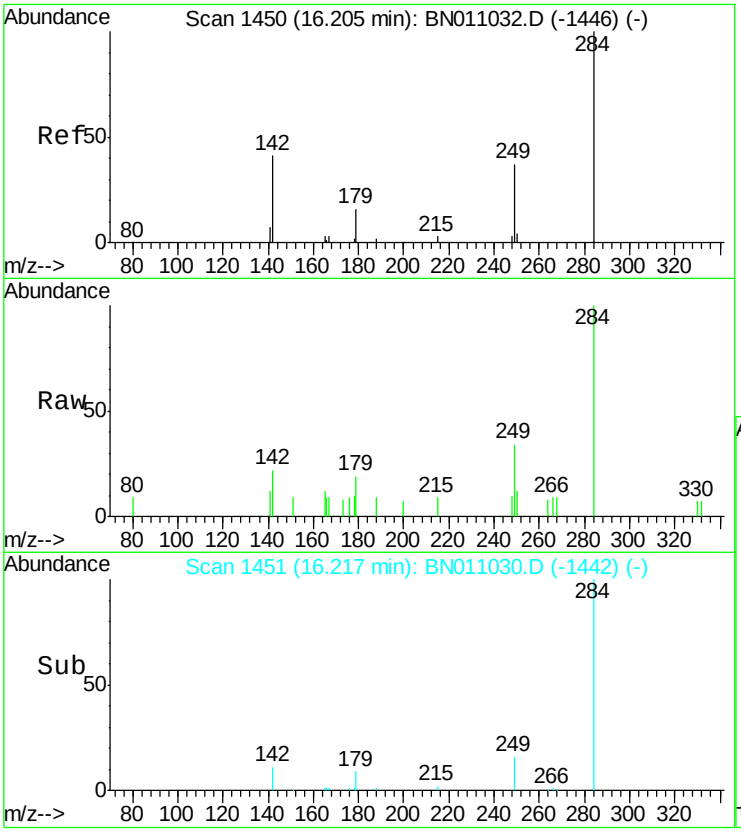


#21
4-Bromophenyl-phenylether
Concen: 0.132 ng
RT: 16.11 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:248 Resp: 723

Ion	Ratio	Lower	Upper
248	100		
250	104.2	74.6	111.8
141	46.2	60.9	91.3#



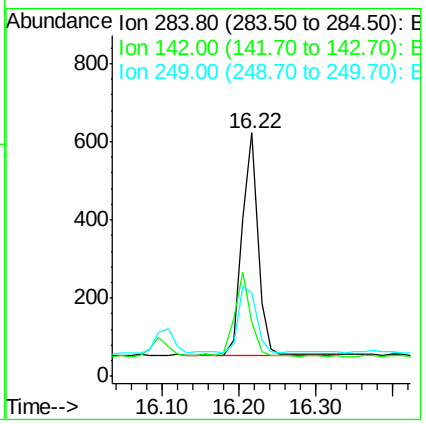


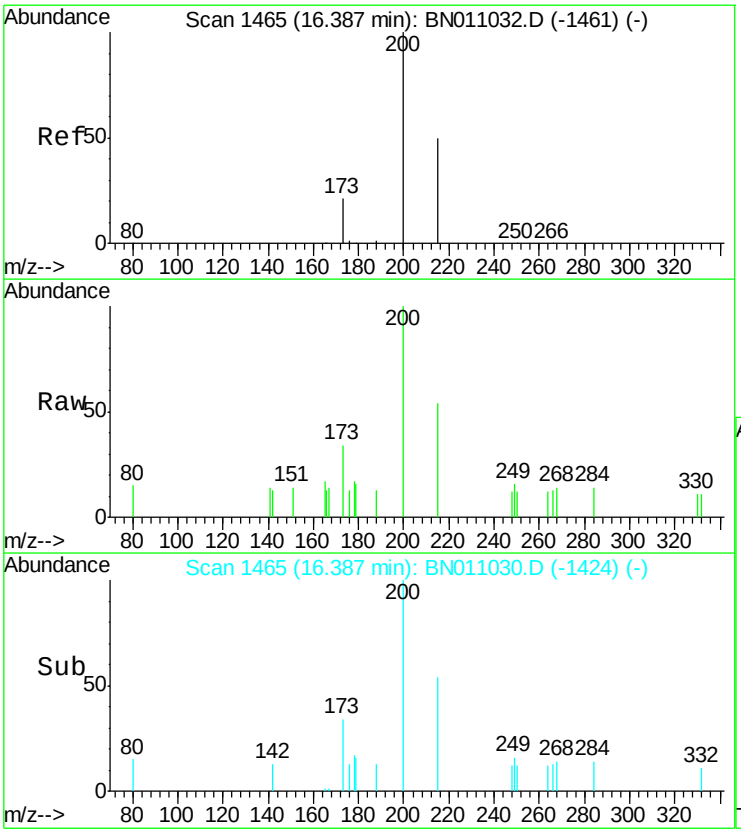
#22
Hexachlorobenzene
Concen: 0.143 ng
RT: 16.22 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 832

Ion	Ratio	Lower	Upper
284	100		
142	37.1	30.4	45.6
249	33.3	27.0	40.4

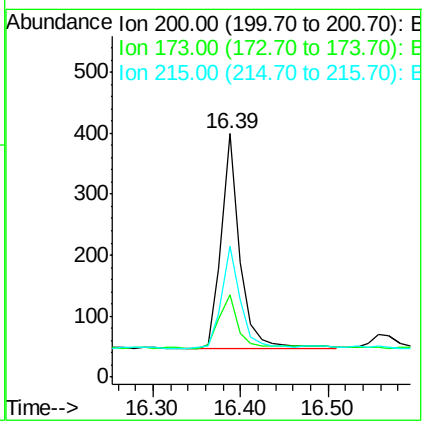


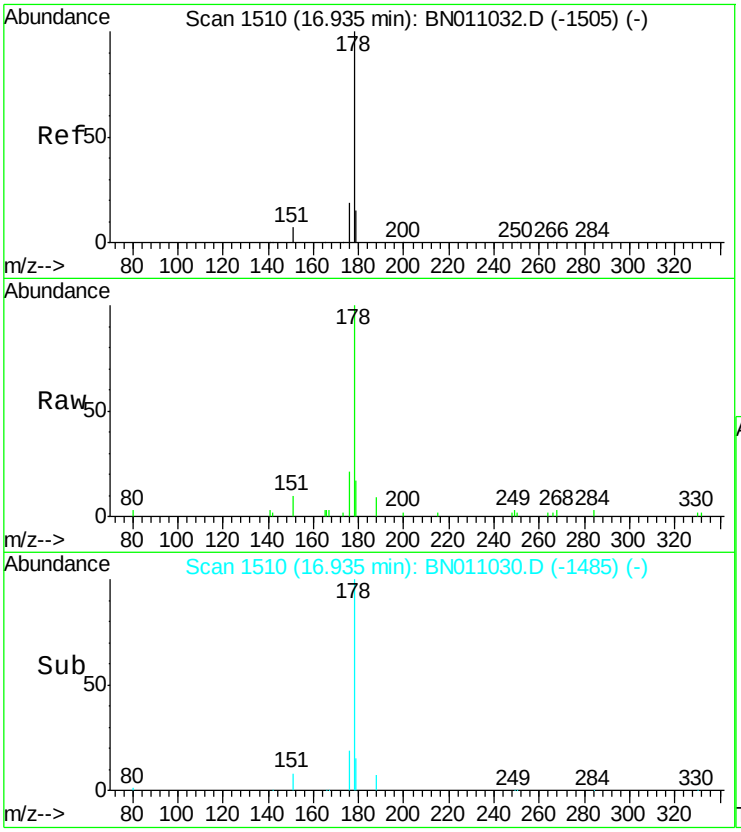


#23
Atrazine
Concen: 0.157 ng
RT: 16.39 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:200 Resp: 529

Ion	Ratio	Lower	Upper
200	100		
173	33.8	19.4	29.2#
215	53.9	41.5	62.3



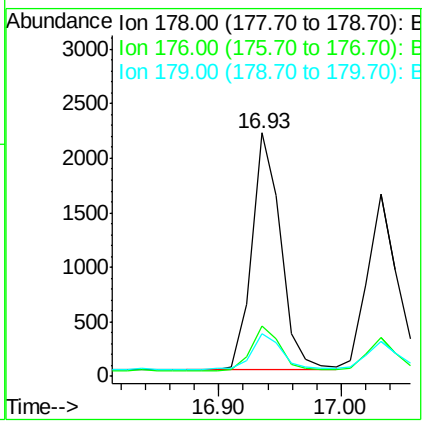


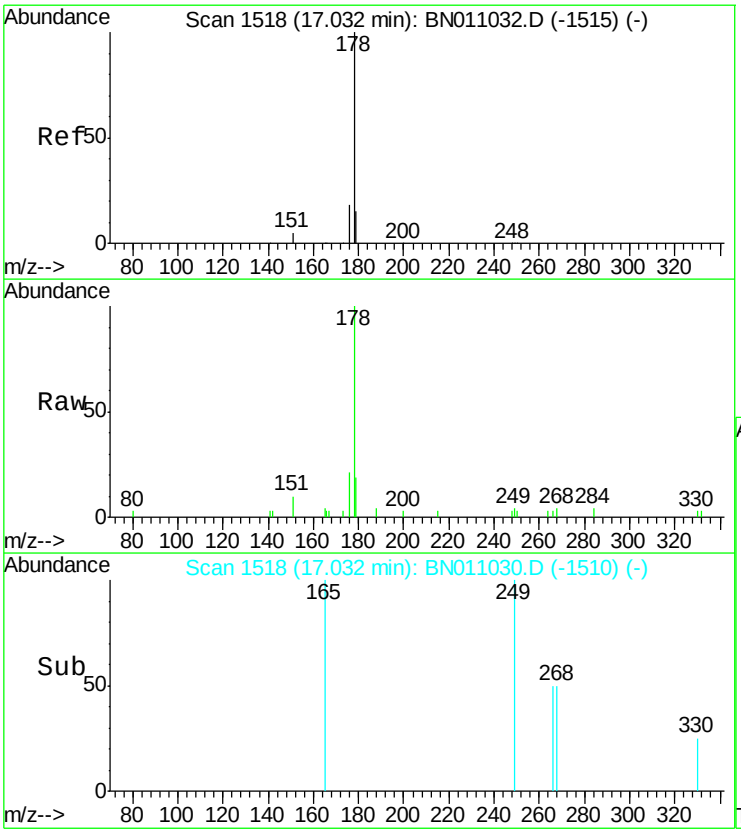
#25
Phenanthrene
Concen: 0.139 ng
RT: 16.93 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 3583

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.3	12.3	18.5

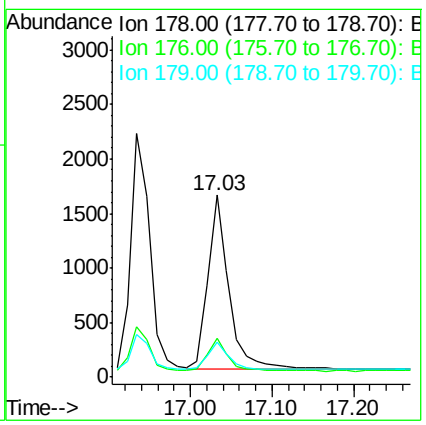


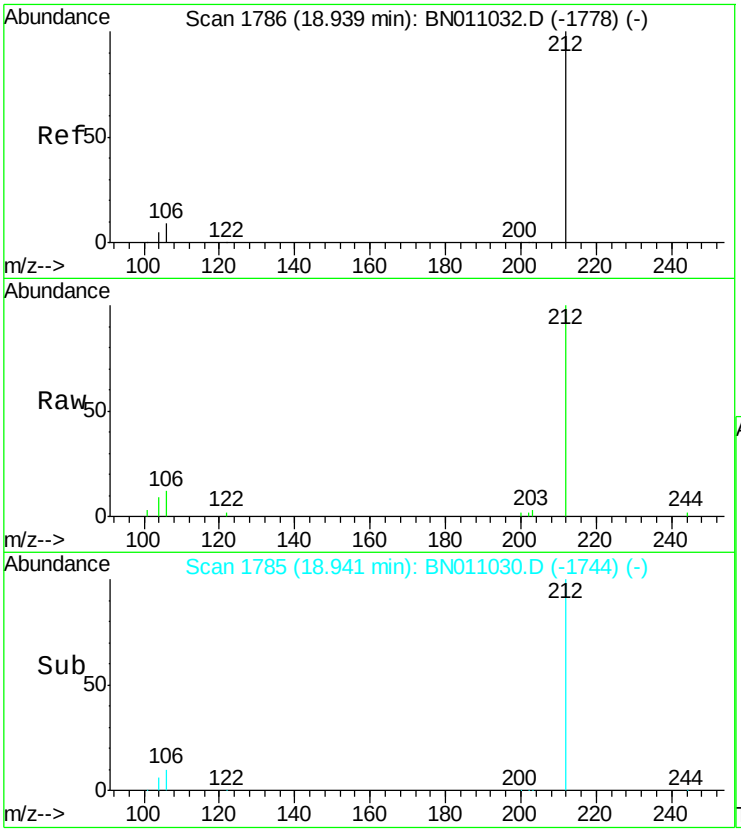


#26
Anthracene
Concen: 0.132 ng
RT: 17.03 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:178 Resp: 2836

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.6	12.2	18.4



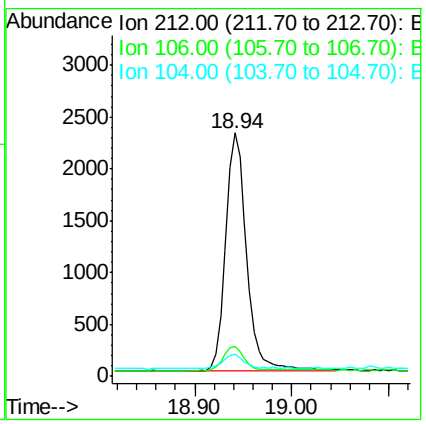


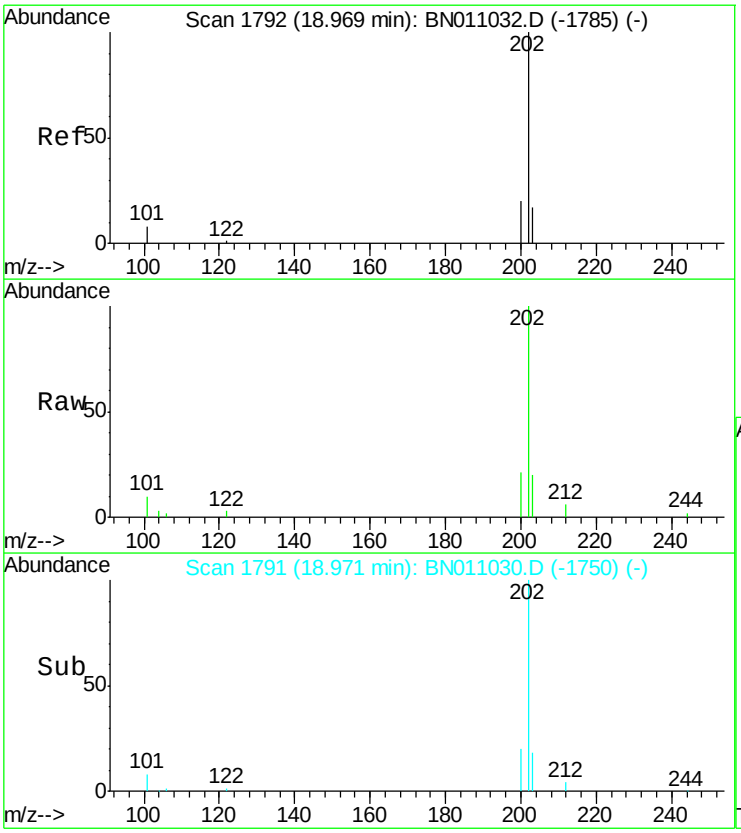
#27
Fluoranthene-d10
Concen: 0.139 ng
RT: 18.94 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 3488

Ion	Ratio	Lower	Upper
212	100		
106	10.2	7.7	11.5
104	6.3	4.6	6.8

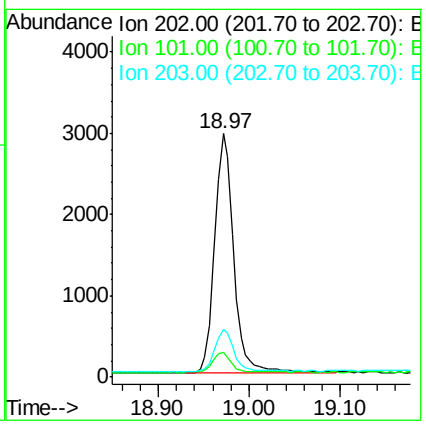


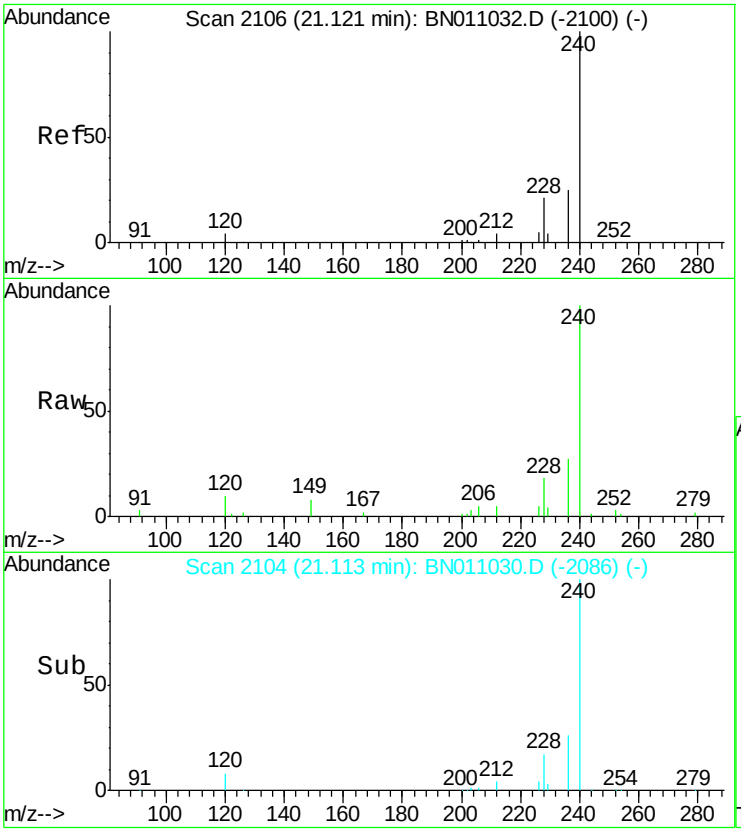


#28
Fluoranthene
Concen: 0.147 ng
RT: 18.97 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:202 Resp: 4220

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	10.0
203	17.9	13.8	20.6



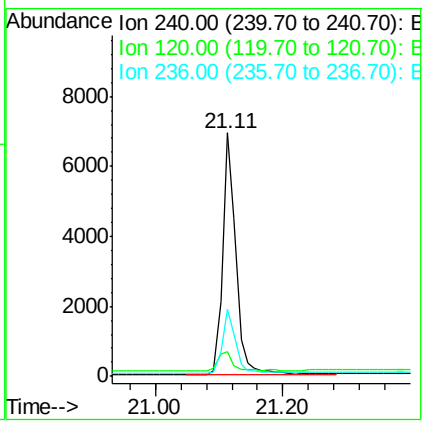


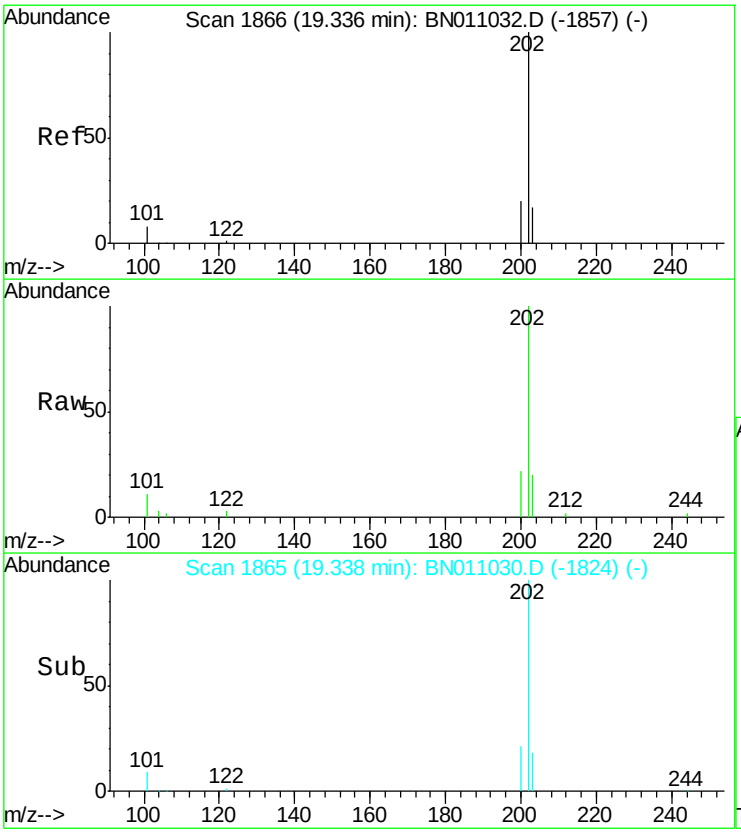
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 9946

Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.4	8.0#
236	27.3	21.4	32.2

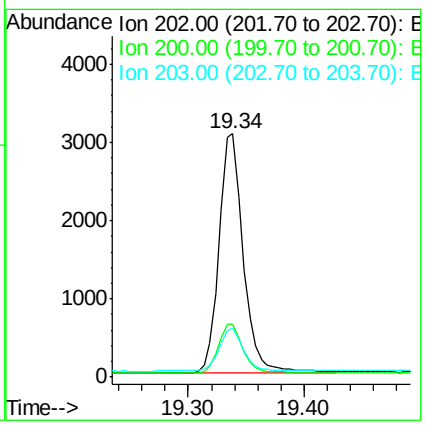


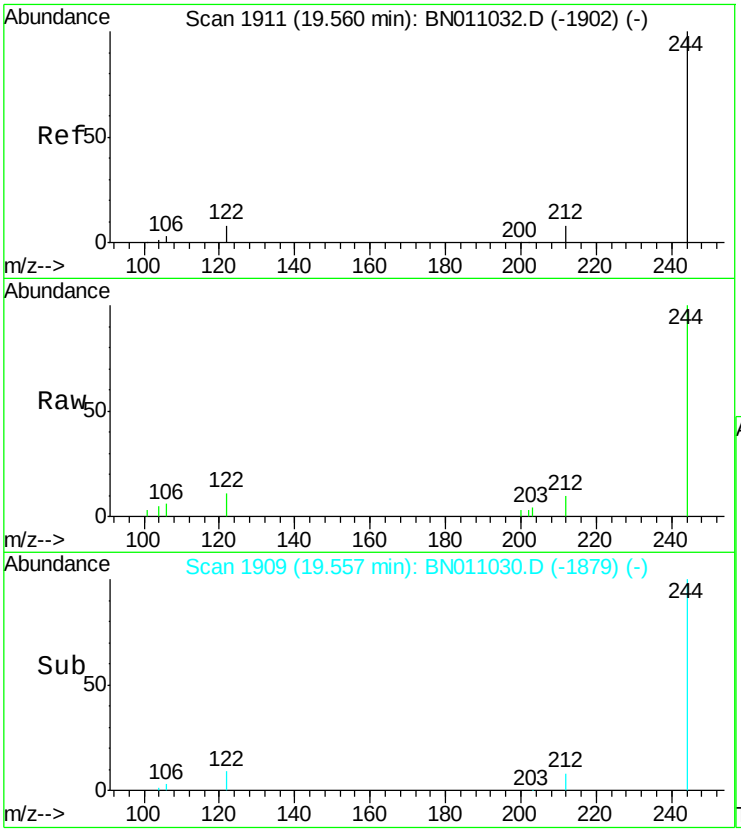


#30
Pyrene
Concen: 0.139 ng
RT: 19.34 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:202 Resp: 4430

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	17.7	14.2	21.2



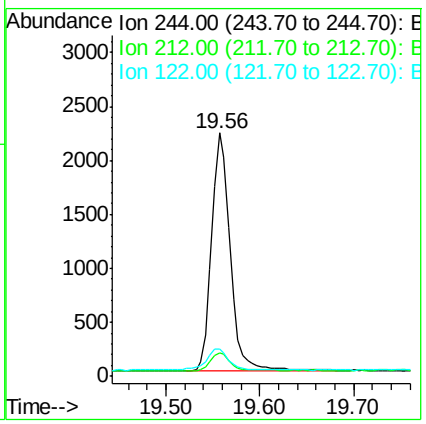


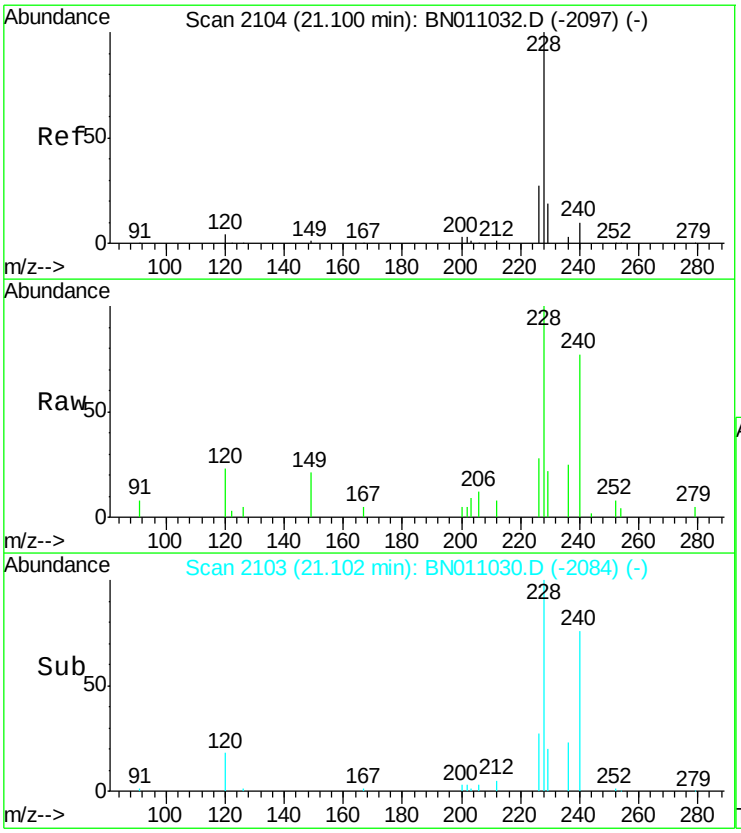
#31
Terphenyl-d14
Concen: 0.135 ng
RT: 19.56 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3058

Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.9	10.3
122	11.1	7.4	11.0#

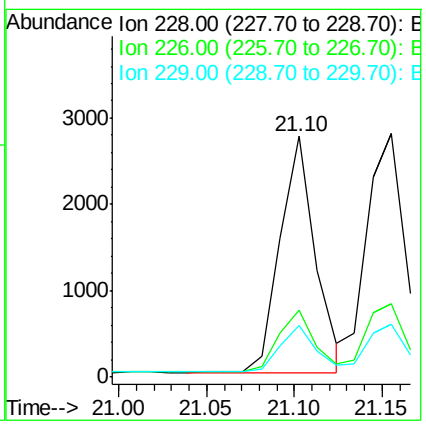


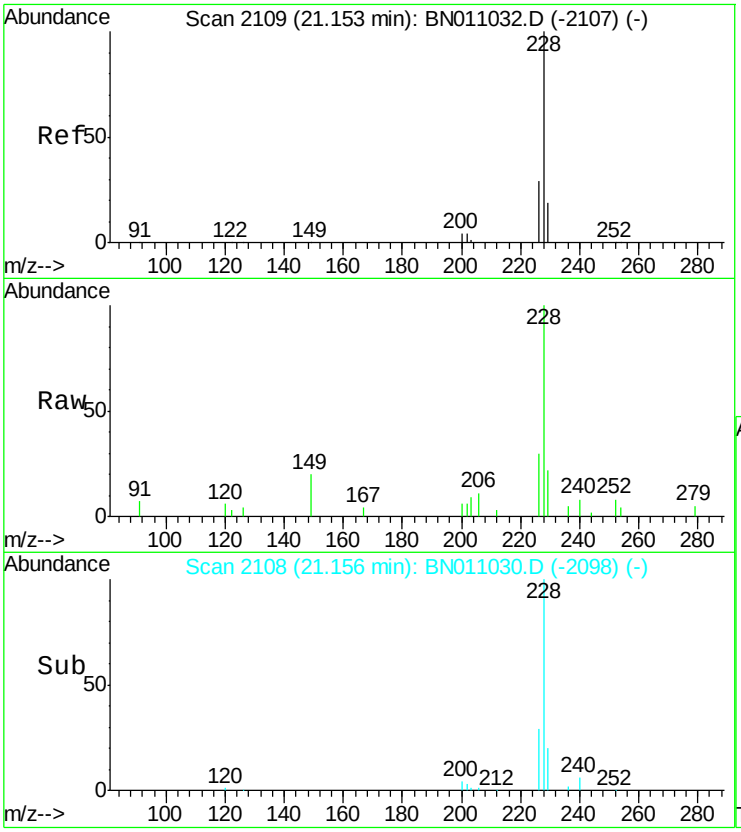


#32
Benzo(a)anthracene
Concen: 0.133 ng
RT: 21.10 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:228 Resp: 3829

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.0	33.0
229	21.7	15.9	23.9



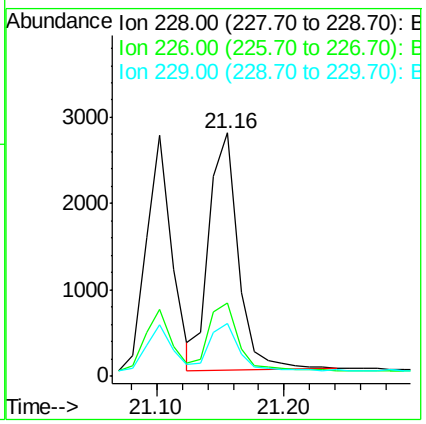


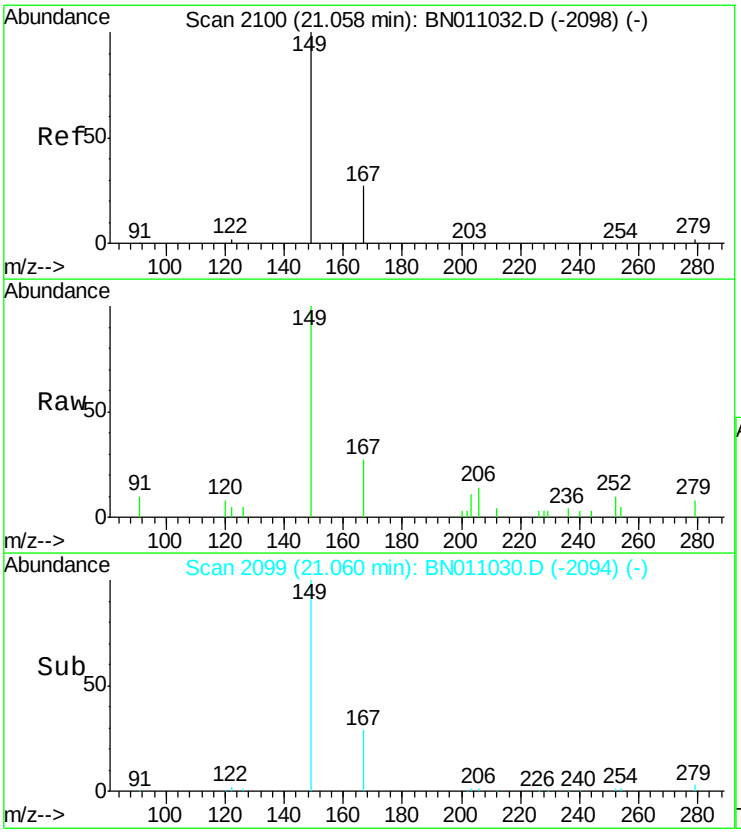
#33
Chrysene
Concen: 0.132 ng
RT: 21.16 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 4326

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	21.8	15.8	23.6

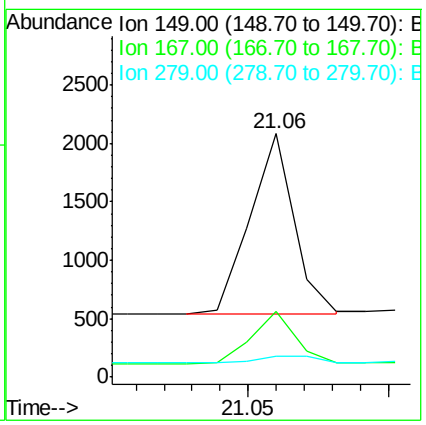


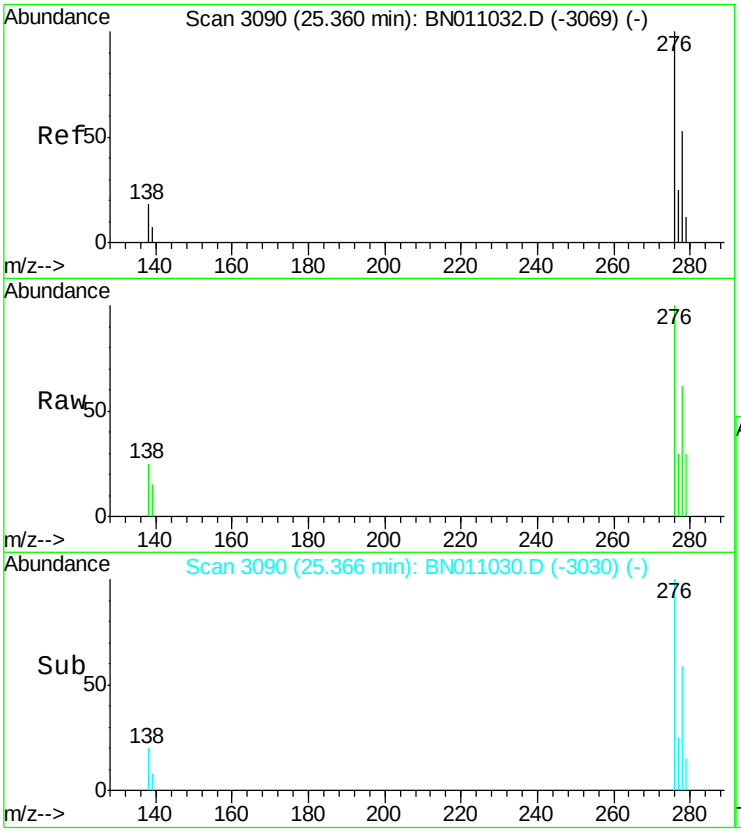


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 21.06 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:149 Resp: 1684

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.2	33.2
279	5.2	3.9	5.9



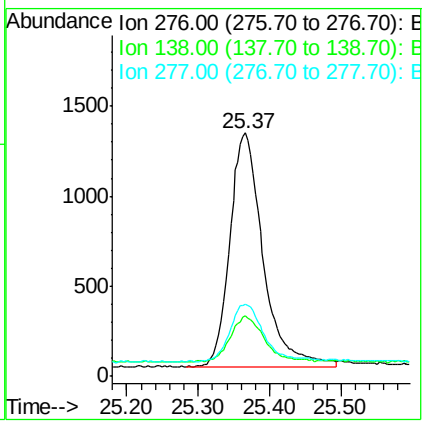


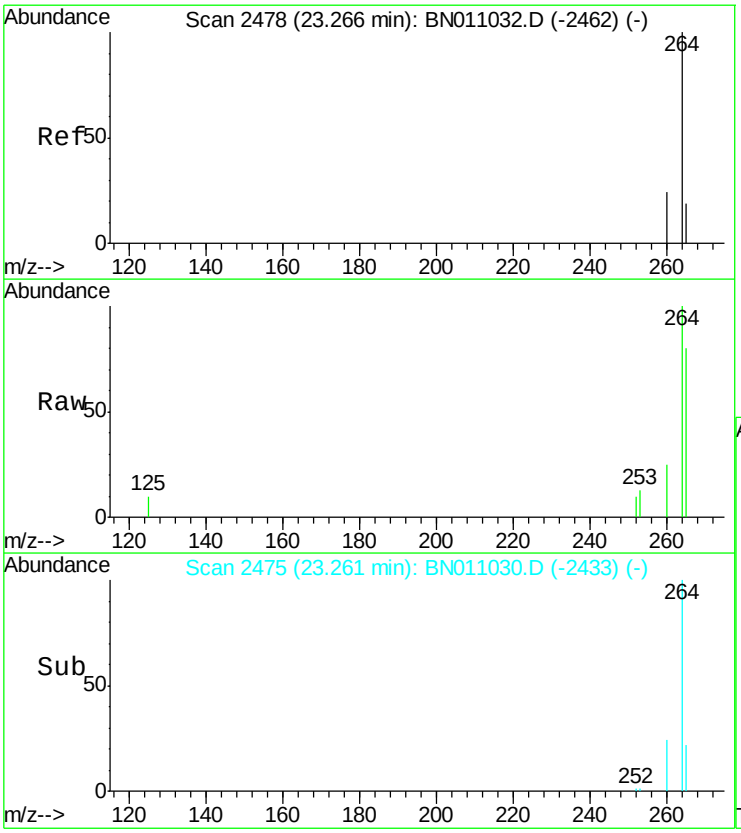
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng
RT: 25.37 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 4188

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.2	24.2
277	25.4	19.9	29.9

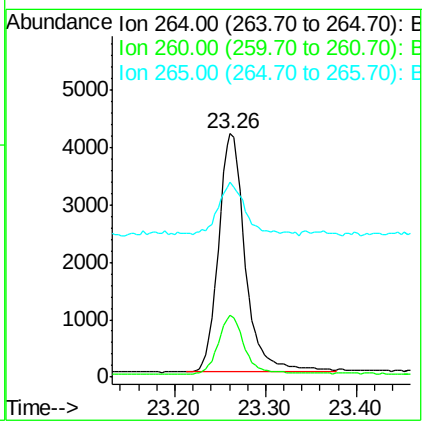


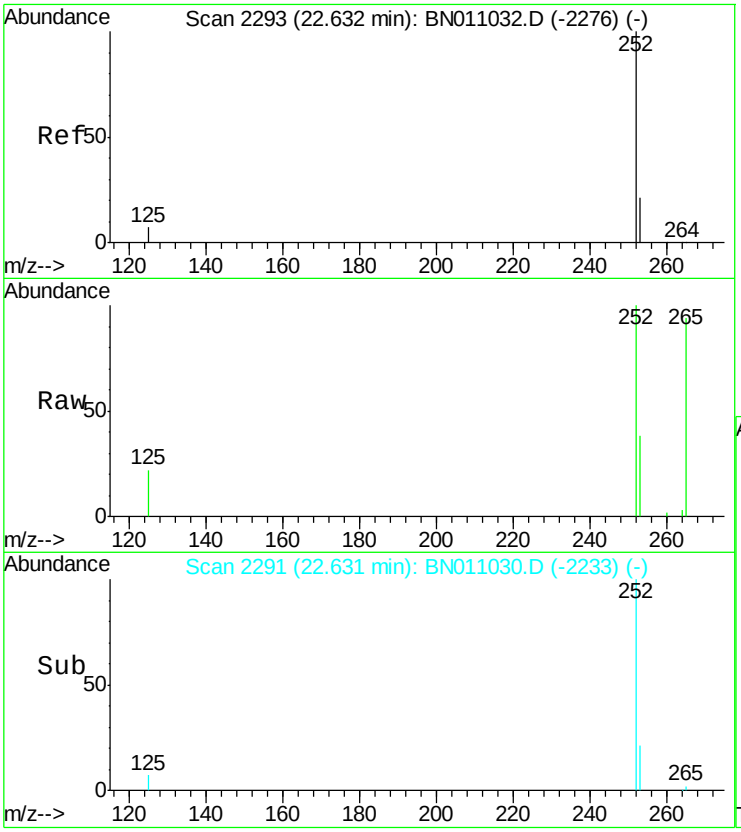


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:264 Resp: 8509

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	79.9	64.9	97.3



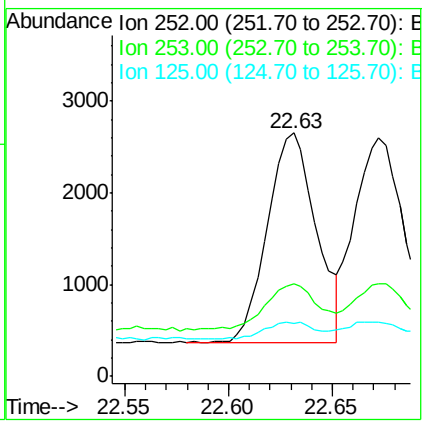


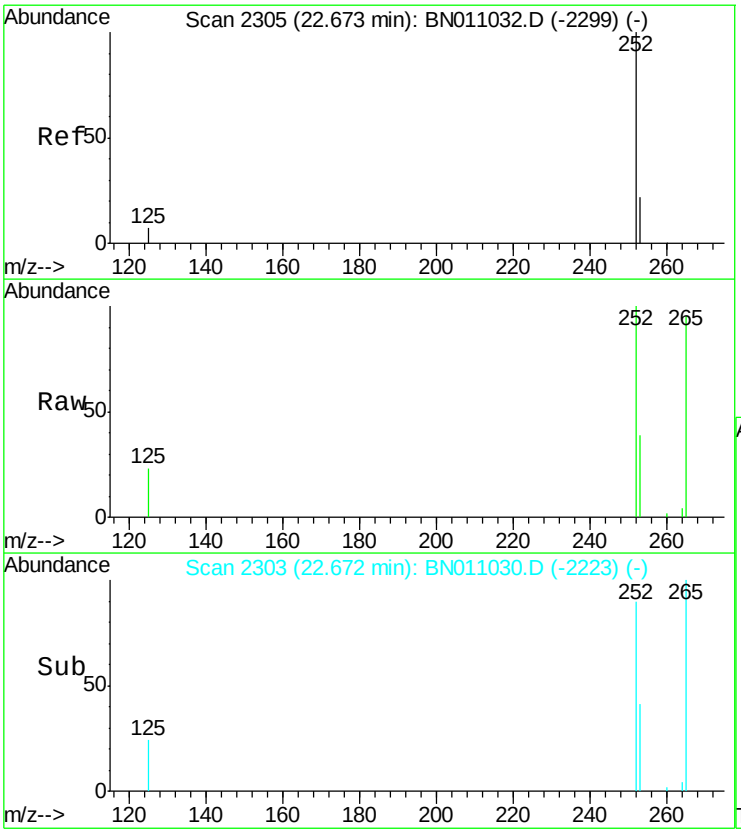
#37
Benzo(b)fluoranthene
Concen: 0.132 ng
RT: 22.63 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3760

Ion	Ratio	Lower	Upper
252	100		
253	37.9	21.4	32.0#
125	21.9	9.3	13.9#

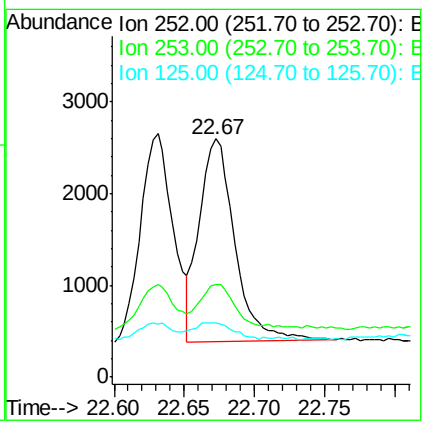


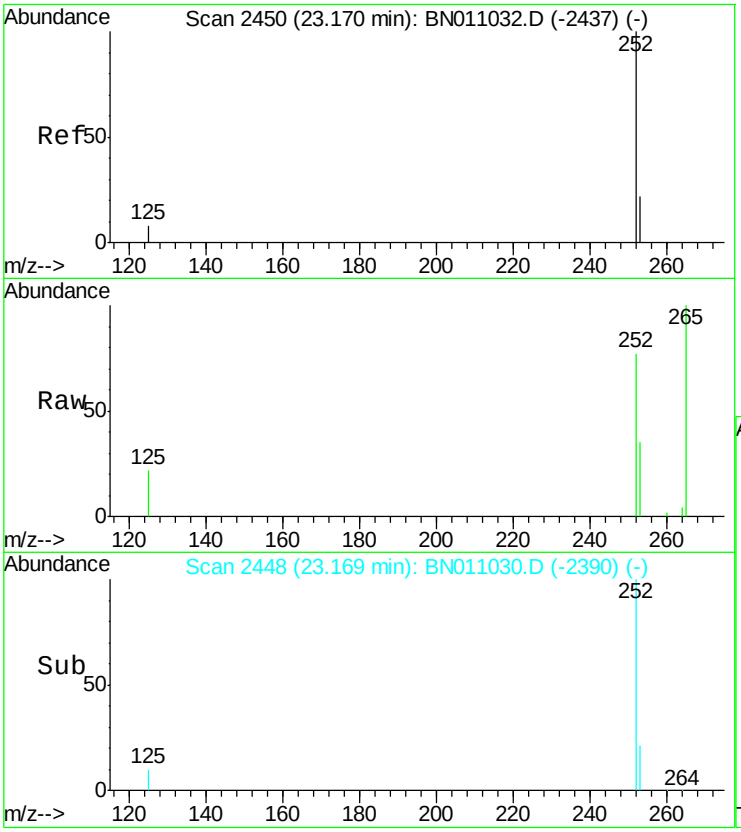


#38
Benzo(k)fluoranthene
Concen: 0.129 ng
RT: 22.67 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:252 Resp: 3873

Ion	Ratio	Lower	Upper
252	100		
253	38.9	21.8	32.6#
125	22.8	9.8	14.6#



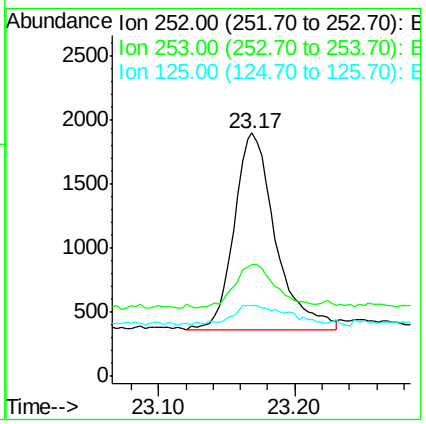


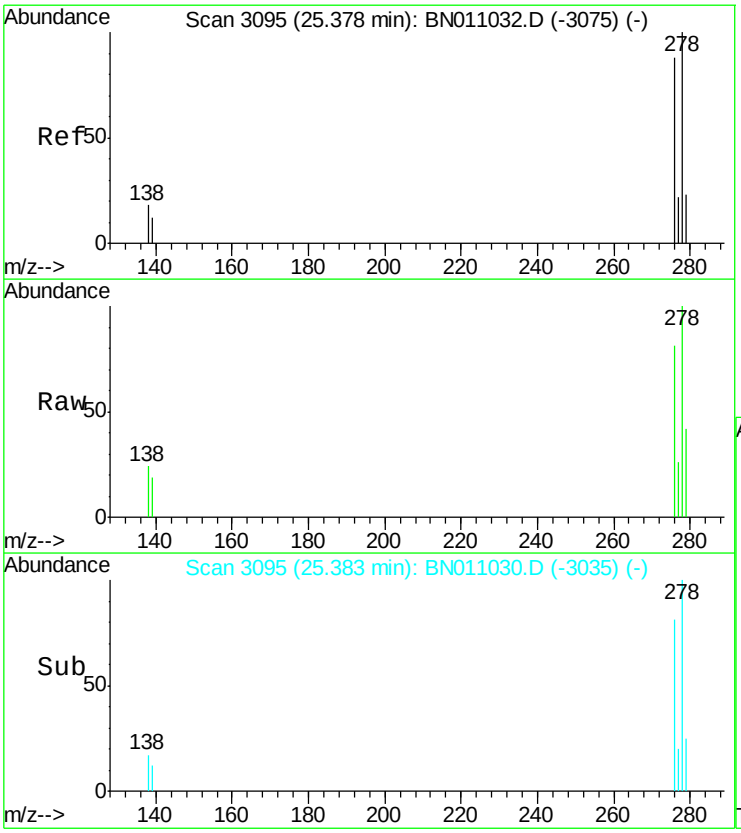
#39
Benzo(a)pyrene
Concen: 0.131 ng
RT: 23.17 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3217

Ion	Ratio	Lower	Upper
252	100		
253	45.8	23.1	34.7#
125	29.3	11.2	16.8#

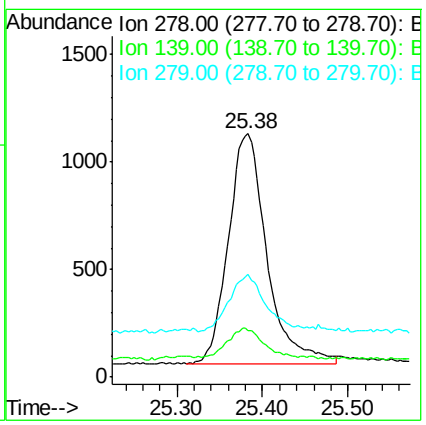


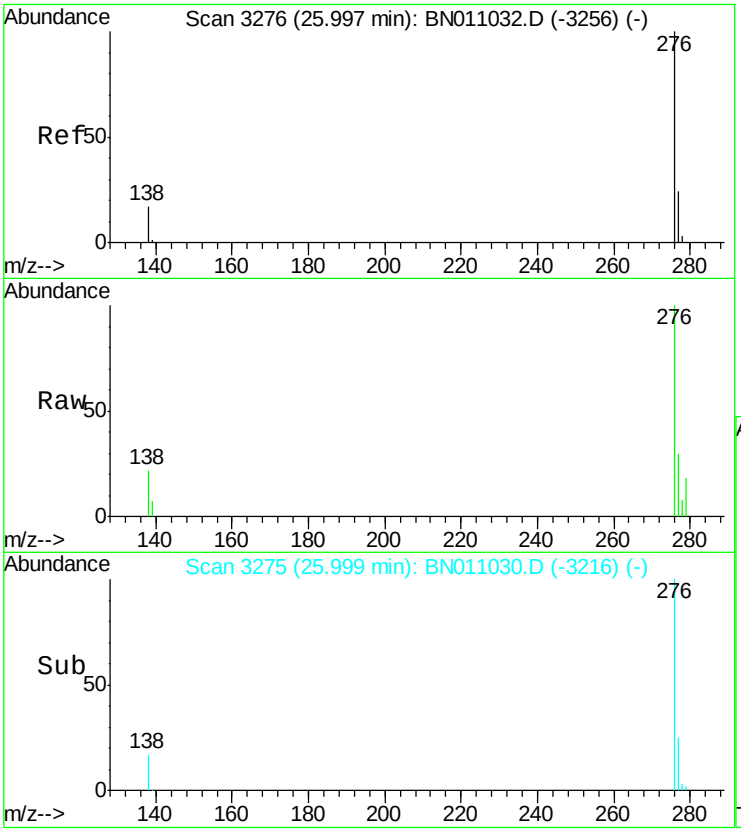


#40
Dibenzo(a,h)anthracene
Concen: 0.122 ng
RT: 25.38 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Tgt Ion:278 Resp: 3330

Ion	Ratio	Lower	Upper
278	100		
139	19.3	11.2	16.8#
279	42.2	22.6	34.0#





#41
Benzo(g,h,i)perylene
Concen: 0.129 ng
RT: 26.00 min Scan# 3275
Delta R.T. 0.00 min
Lab File: BN011030.D
Acq: 23 Jun 2020 13:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3668

Ion	Ratio	Lower	Upper
276	100		
277	30.4	20.4	30.6
138	22.4	15.1	22.7