Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062920\
Data File : BN011068.D
Acq On : 29 Jun 2020 15:44
Operator : CG/JU
Sample : PB129845BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129845BSD

Quant Time: Jun 29 16:20:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 11:59:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2524	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	9354	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	4546	0.40	ng		-0.01
19) Phenanthrene-d10	16.89	188	9190	0.40	ng		-0.01
29) Chrysene-d12	21.10	240	8172	0.40	ng		-0.01
36) Perylene-d12	23.25	264	8532	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2300	0.32	ng		0.00
5) Phenol-d6	6.73	99	2736	0.32	ng		0.00
8) Nitrobenzene-d5	8.66	82	2694	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.86	152	5450	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	617	0.31	ng		-0.01
15) 2-Fluorobiphenyl	12.76	172	7437	0.35	ng		0.00
27) Fluoranthene-d10	18.93	212	10129	0.35	ng		0.00
31) Terphenyl-d14	19.55	244	7853	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1141	0.336	ng		96
3) n-Nitrosodimethylamine	3.57	42	678	0.358	ng	#	83
6) bis(2-Chloroethyl)ether	6.97	93	2661	0.366	ng		99
9) Naphthalene	10.32	128	9607	0.338	ng		100
10) Hexachlorobutadiene	10.61	225	2335	0.341	ng	#	99
12) 2-Methylnaphthalene	11.93	142	5902	0.310	ng		99
16) Acenaphthylene	13.85	152	7848	0.343	ng		100
17) Acenaphthene	14.20	154	5248	0.341	ng		99
18) Fluorene	15.20	166	6597	0.336	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	269	0.175	ng	#	70
21) 4-Bromophenyl-phenylether	16.10	248	2085	0.328	ng		95
22) Hexachlorobenzene	16.20	284	2313	0.329	ng		99
23) Atrazine	16.56	200	103	0.022	ng	#	80
24) Pentachlorophenol	16.56	266	571	0.257	ng		94
25) Phenanthrene	16.93	178	10117	0.327	ng		99
26) Anthracene	17.03	178	8448	0.329	ng		99
28) Fluoranthene	18.97	202	11301	0.319	ng		100
30) Pyrene	19.33	202	11316	0.360	ng		99
32) Benzo(a)anthracene	21.09	228	10210	0.361	ng		99
33) Chrysene	21.14	228	11126	0.361	ng		99
34) Bis(2-ethylhexyl)phthalate	21.05	149	4280	0.376	ng		98
35) Indeno(1,2,3-cd)pyrene	25.34	276	12483	0.364	ng		100
37) Benzo(b)fluoranthene	22.61	252	11102	0.329	ng		99
38) Benzo(k)fluoranthene	22.66	252	12110	0.345	ng		97
39) Benzo(a)pyrene	23.15	252	10046	0.335	ng		97
40) Dibenzo(a,h)anthracene	25.36	278	9885	0.306	ng		98
41) Benzo(g,h,i)perylene	25.97	276	10616	0.317	ng		100

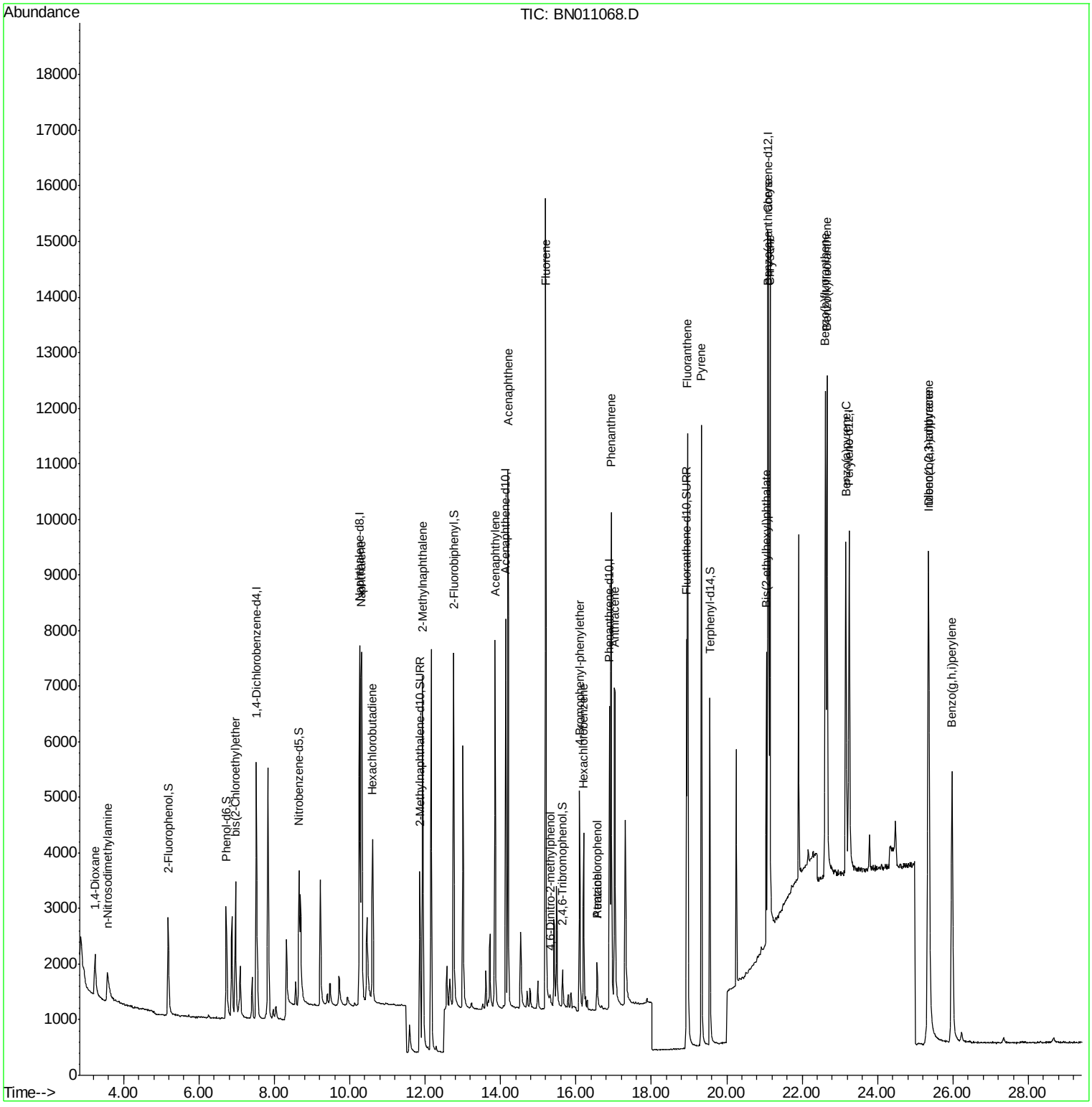
(#) = qualifier out of range (m) = manual integration (+) = signals summed

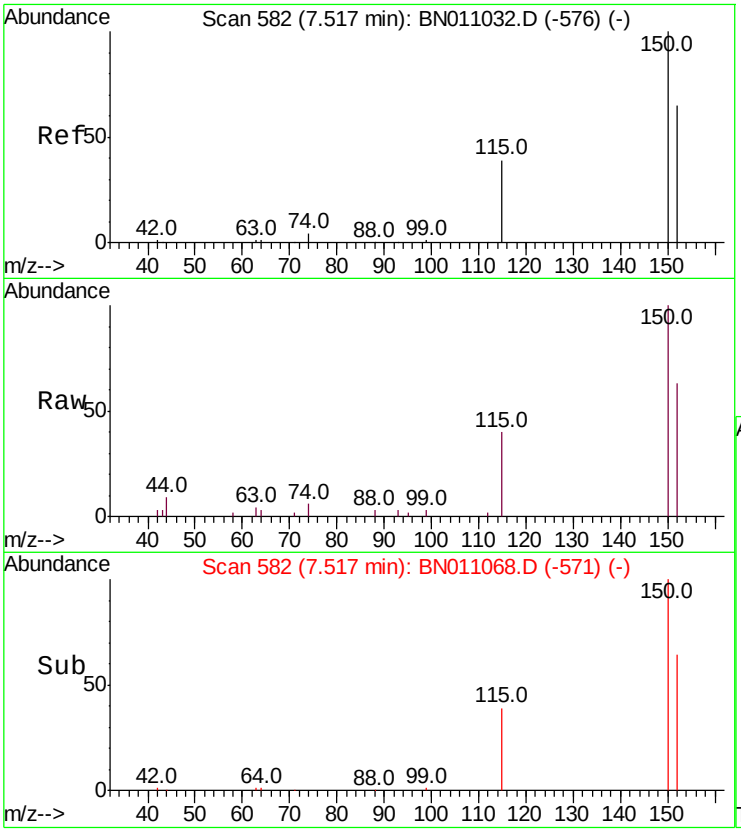
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062920\
Data File : BN011068.D
Acq On : 29 Jun 2020 15:44
Operator : CG/JU
Sample : PB129845BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129845BSD

Quant Time: Jun 29 16:20:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 11:59:47 2020
Response via : Initial Calibration



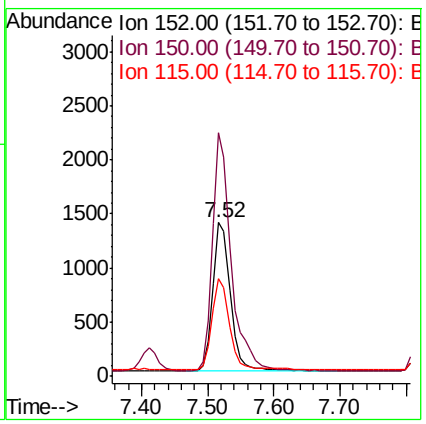


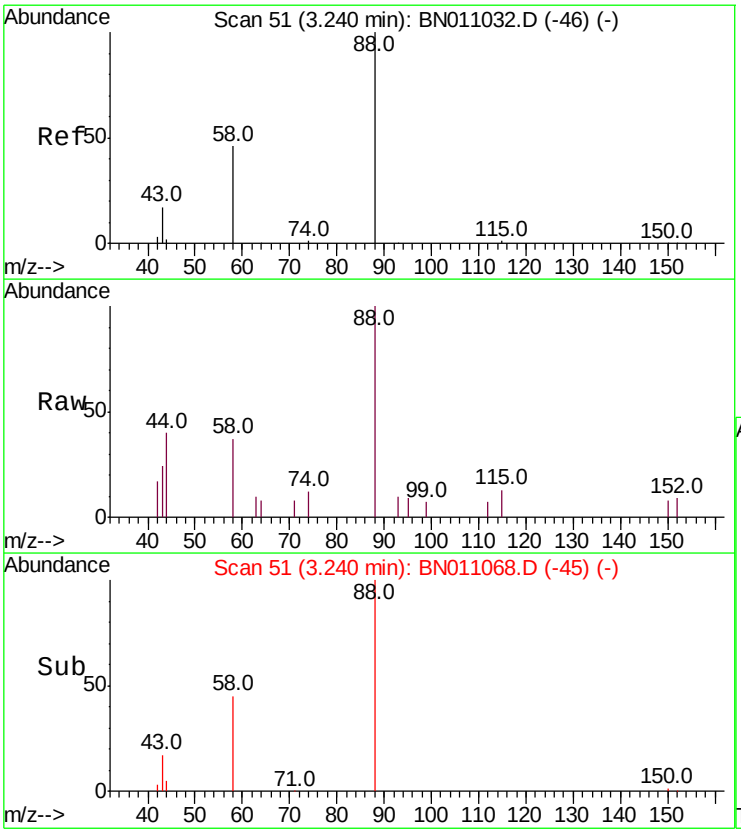
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:152 Resp: 2524

Ion	Ratio	Lower	Upper
152	100		
150	158.3	121.8	182.8
115	63.3	50.2	75.2

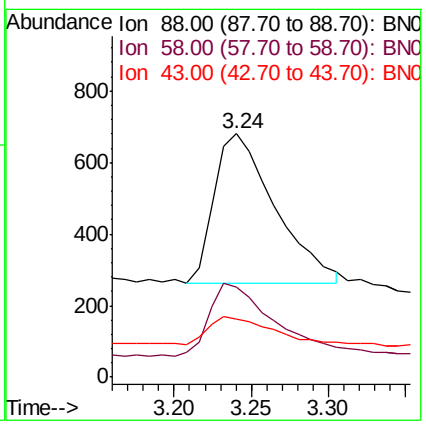


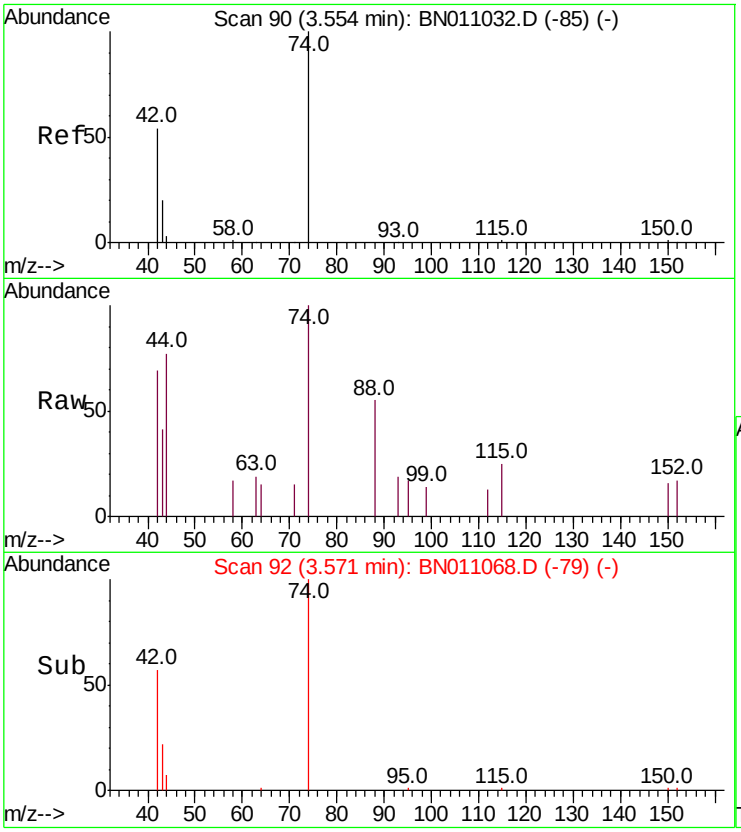


#2
1,4-Dioxane
Concen: 0.336 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion: 88 Resp: 1141

Ion	Ratio	Lower	Upper
88	100		
58	50.6	38.4	57.6
43	19.4	14.2	21.4

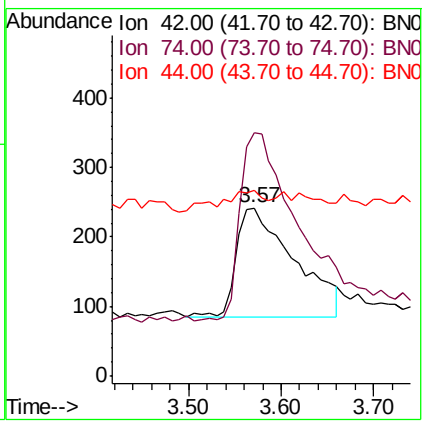




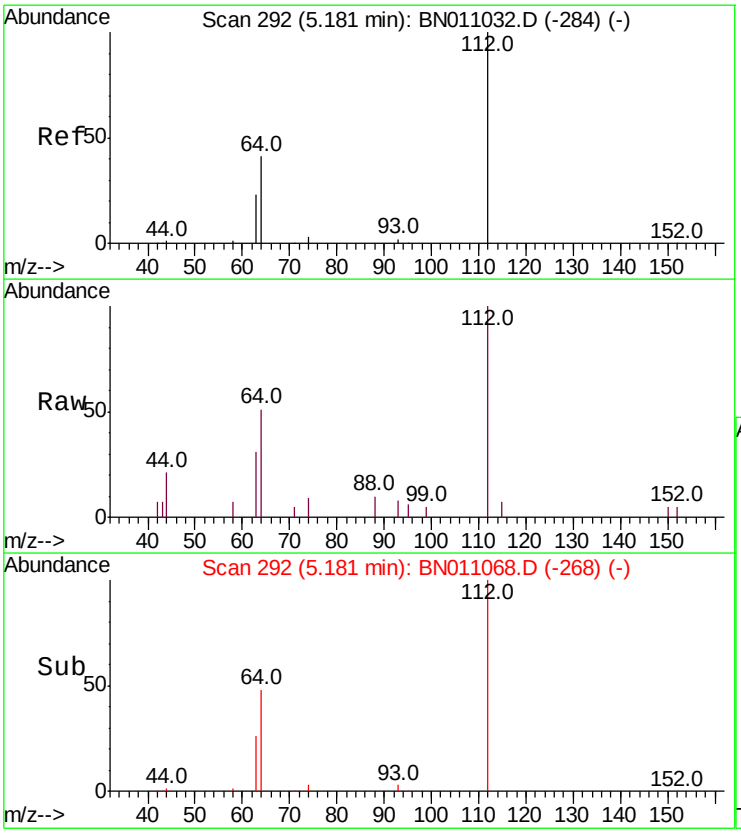
#3
n-Nitrosodimethylamine
Concen: 0.358 ng
RT: 3.57 min Scan# 92
Delta R.T. 0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion: 42 Resp: 678

Ion	Ratio	Lower	Upper
42	100		
74	167.1	154.8	232.2
44	8.1	4.8	7.2#



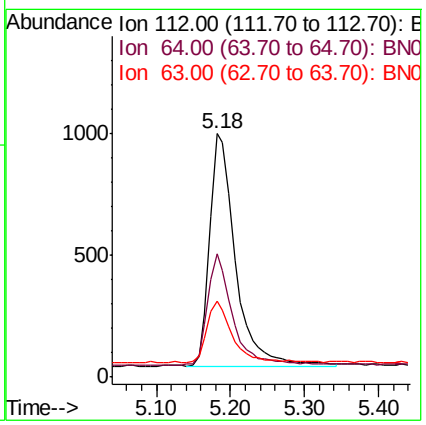
Instrument :
BNA_N
ClientSampleId :
PB129845BSD

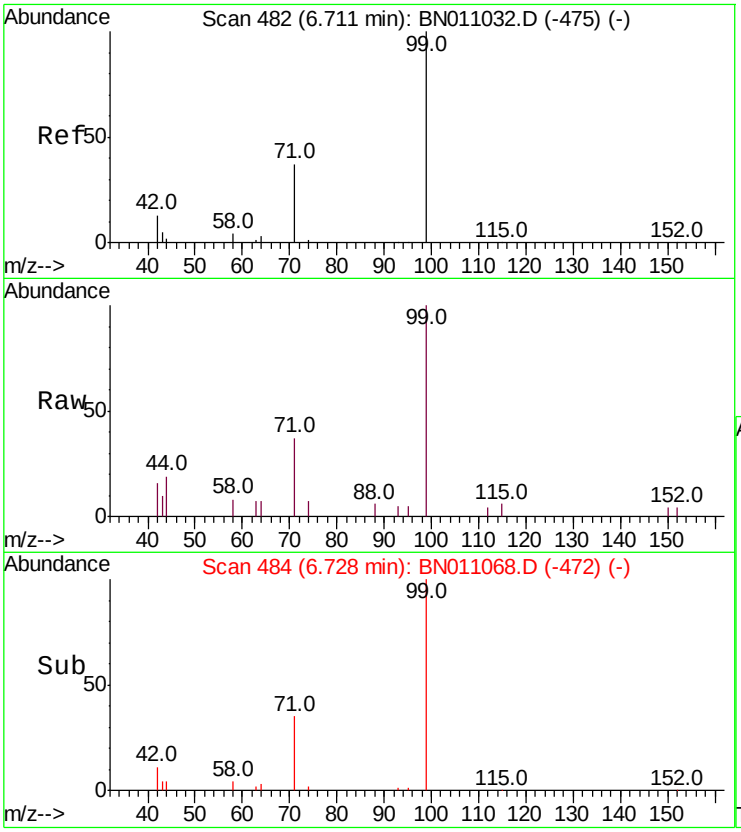


#4
2-Fluorophenol
Concen: 0.323 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:112 Resp: 2300

Ion	Ratio	Lower	Upper
112	100		
64	46.6	37.3	55.9
63	24.8	20.4	30.6



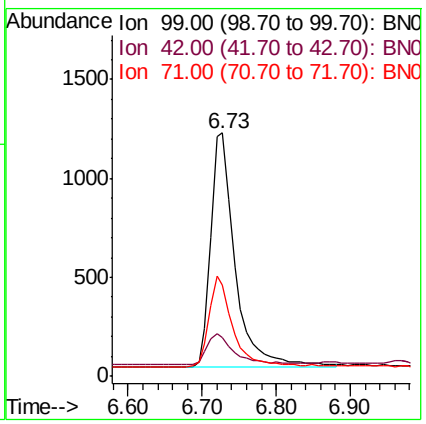


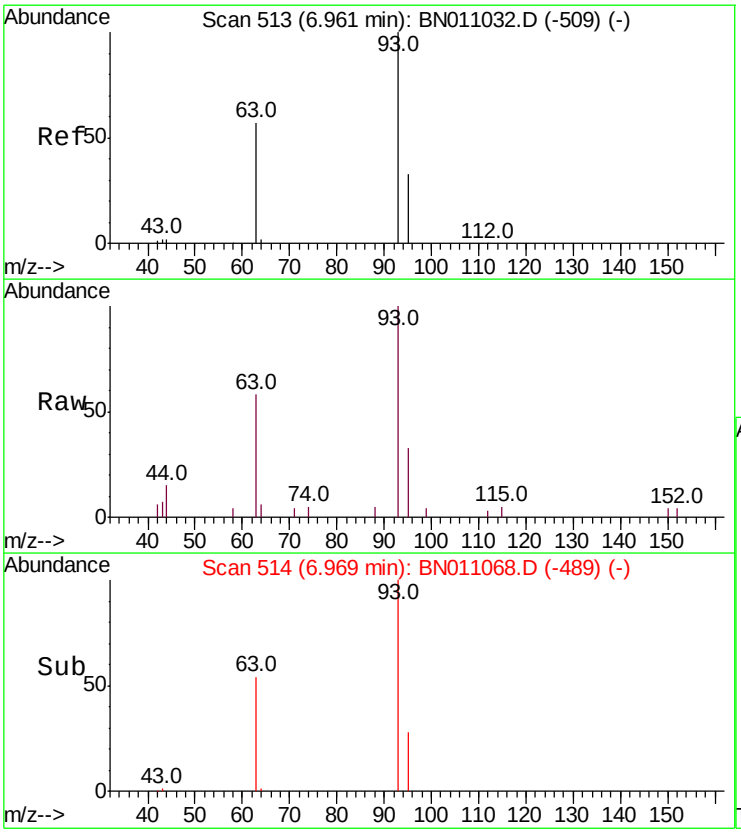
#5
Phenol-d6
Concen: 0.325 ng
RT: 6.73 min Scan# 484
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion: 99 Resp: 2736

Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.6	16.0
71	37.9	28.7	43.1

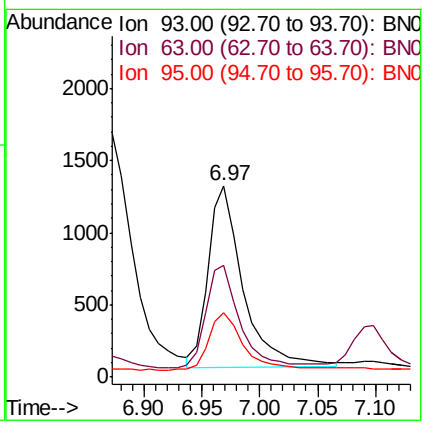


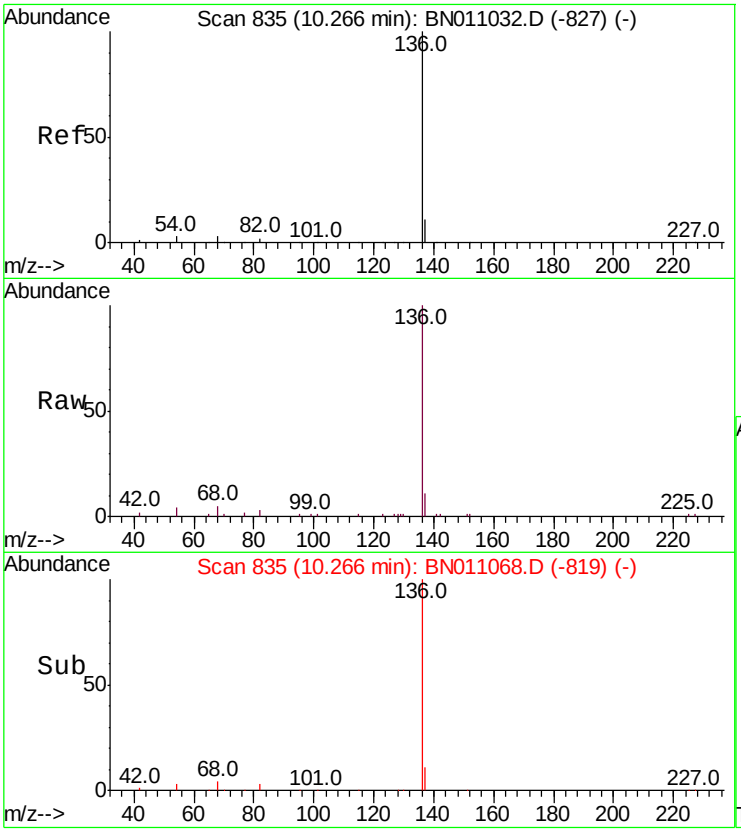


#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 6.97 min Scan# 514
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion: 93 Resp: 2661

Ion	Ratio	Lower	Upper
93	100		
63	54.1	43.7	65.5
95	32.1	25.3	37.9



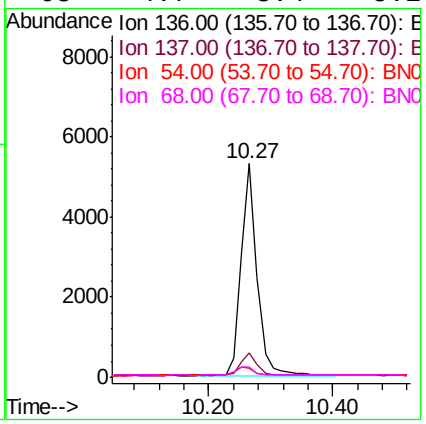


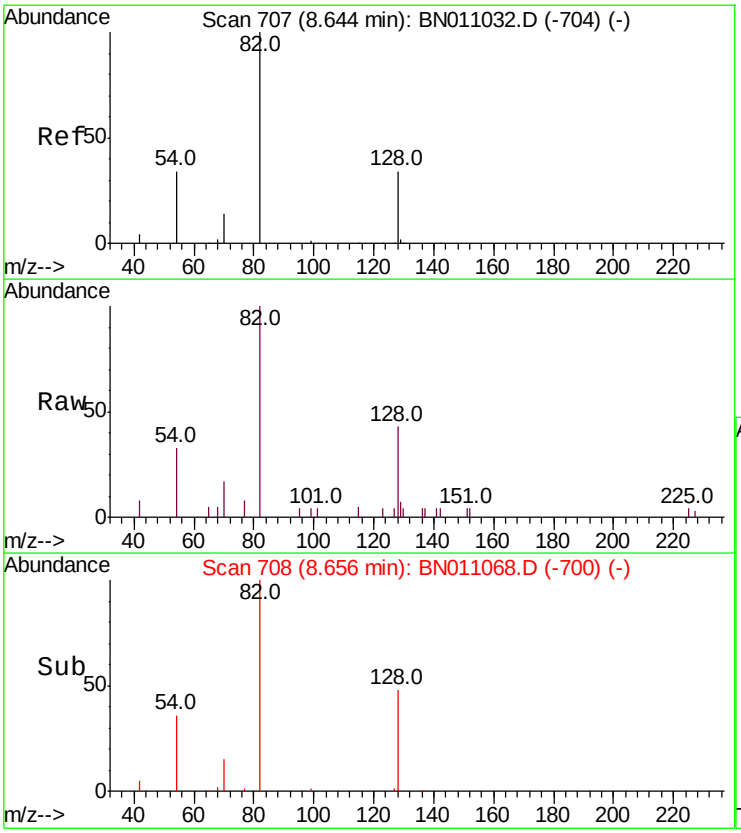
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:136 Resp: 9354

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	4.1	3.0	4.4
68	4.7	3.4	5.2

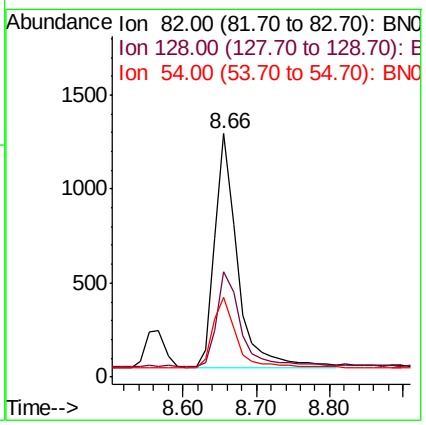


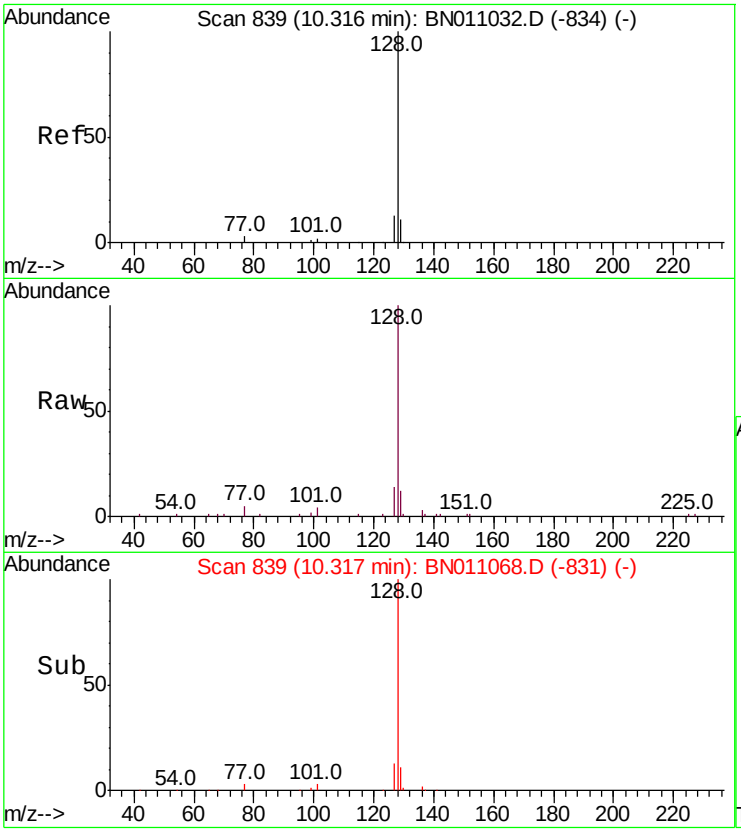


#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion: 82 Resp: 2694

Ion	Ratio	Lower	Upper
82	100		
128	43.4	29.4	44.2
54	32.7	28.8	43.2



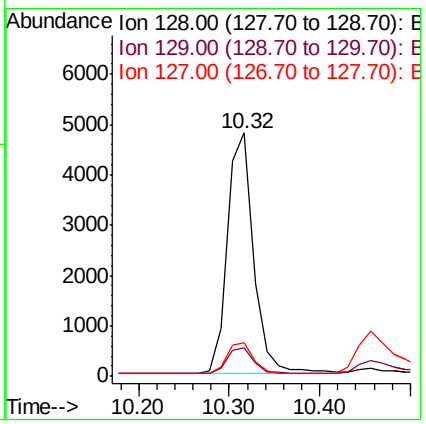


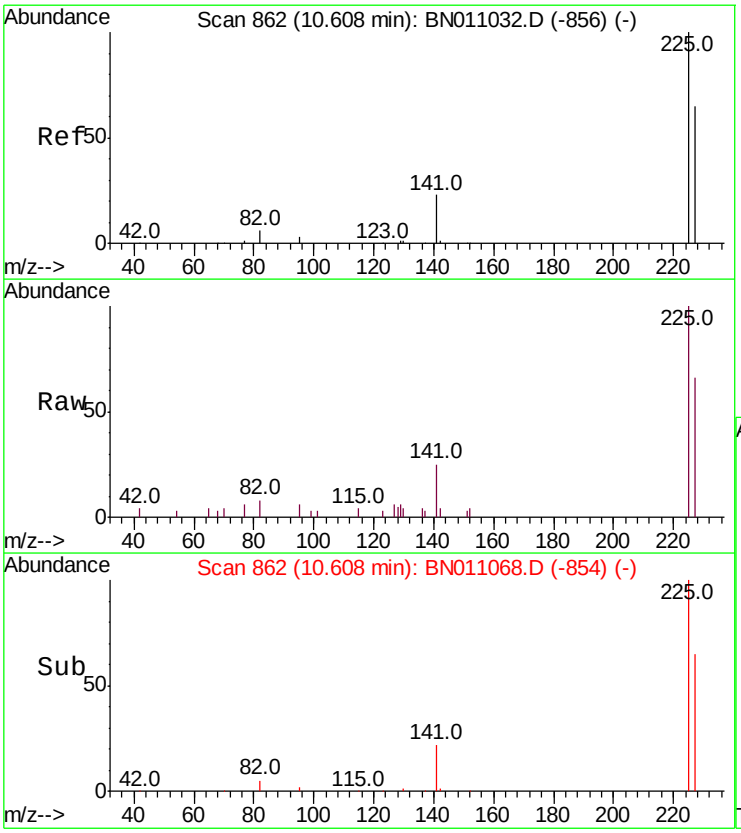
#9
Naphthalene
Concen: 0.338 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:128 Resp: 9607

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	13.6	10.9	16.3

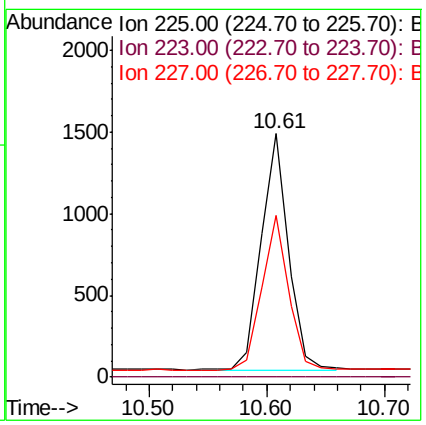


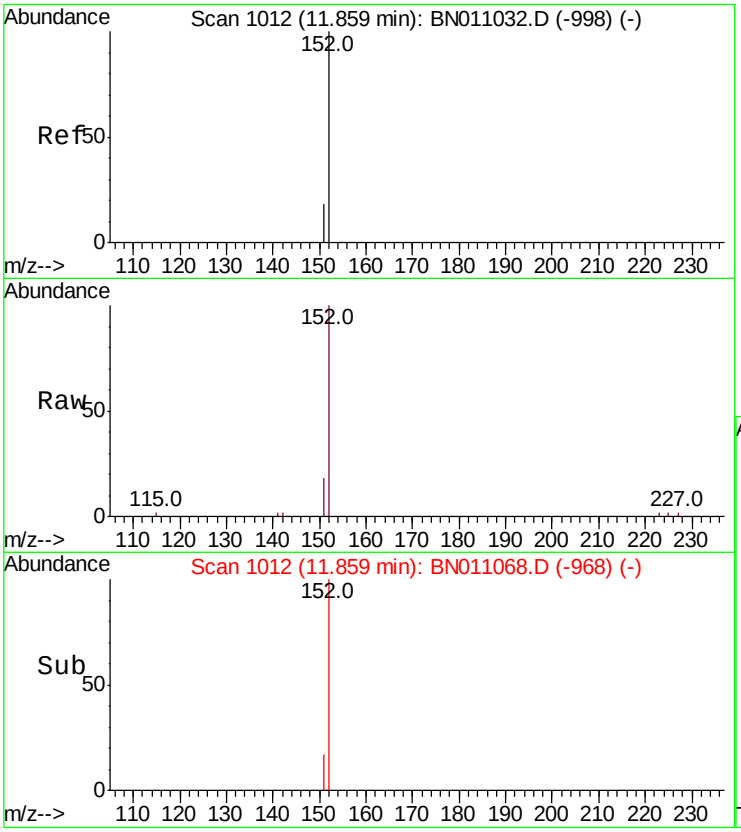


#10
Hexachlorobutadiene
Concen: 0.341 ng
RT: 10.61 min Scan# 862
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:225 Resp: 2335

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.7	77.5



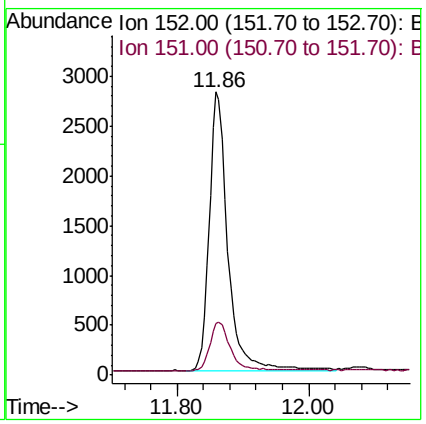


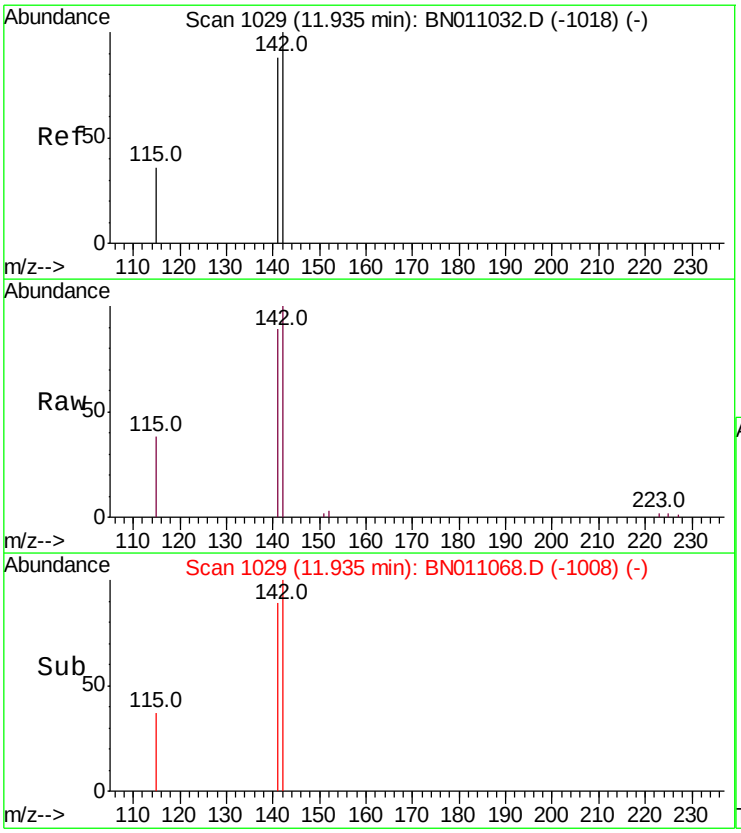
#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 11.86 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:152 Resp: 5450

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

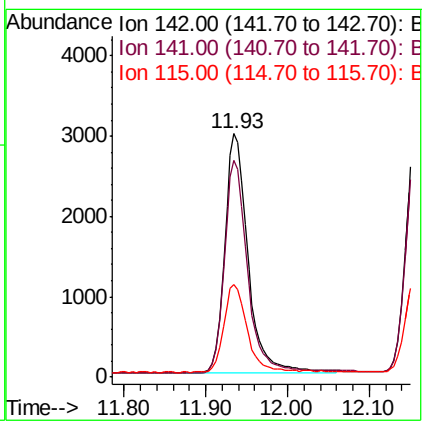


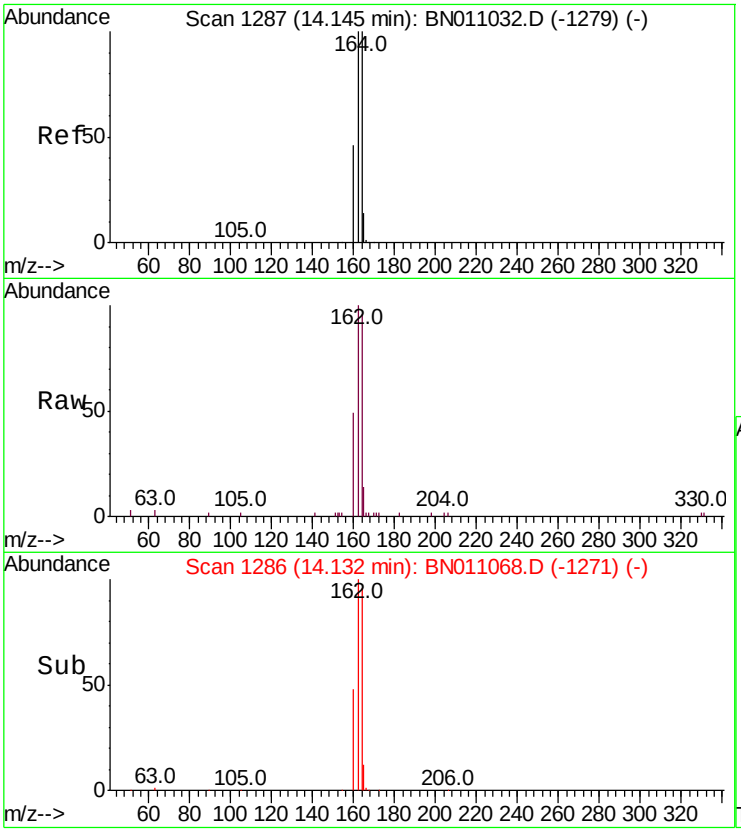


#12
2-Methylnaphthalene
Concen: 0.310 ng
RT: 11.93 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:142 Resp: 5902

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.6	106.0
115	38.2	30.2	45.2



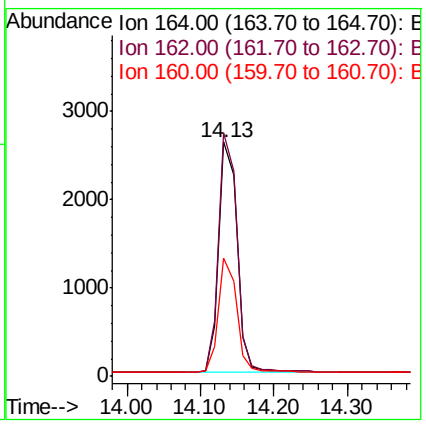


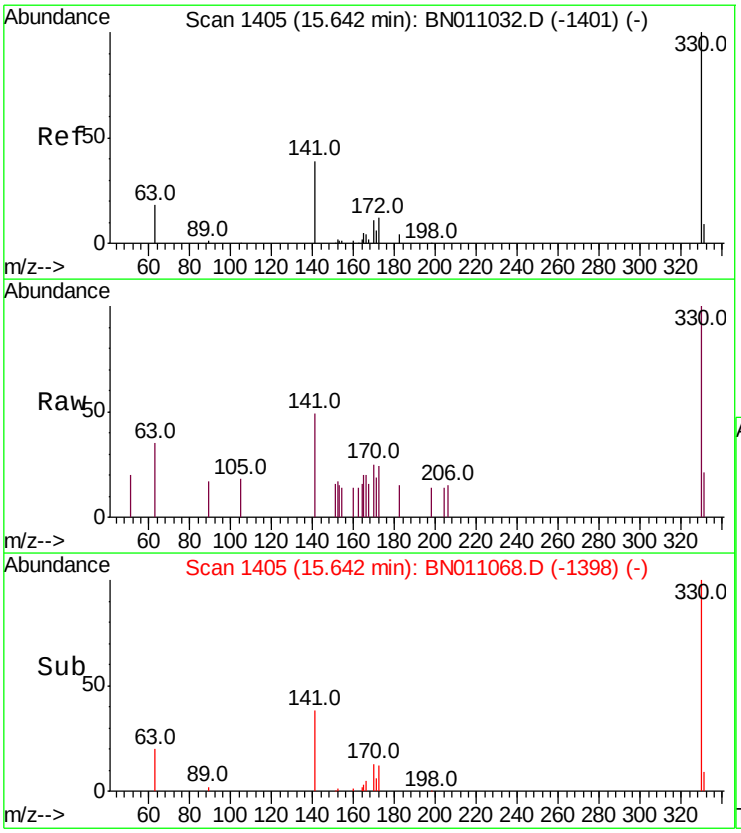
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.13 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:164 Resp: 4546

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.2	120.4
160	50.6	37.7	56.5

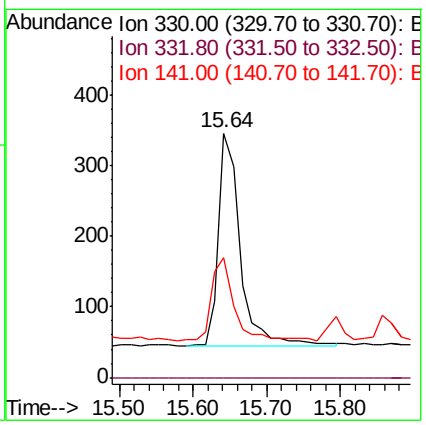


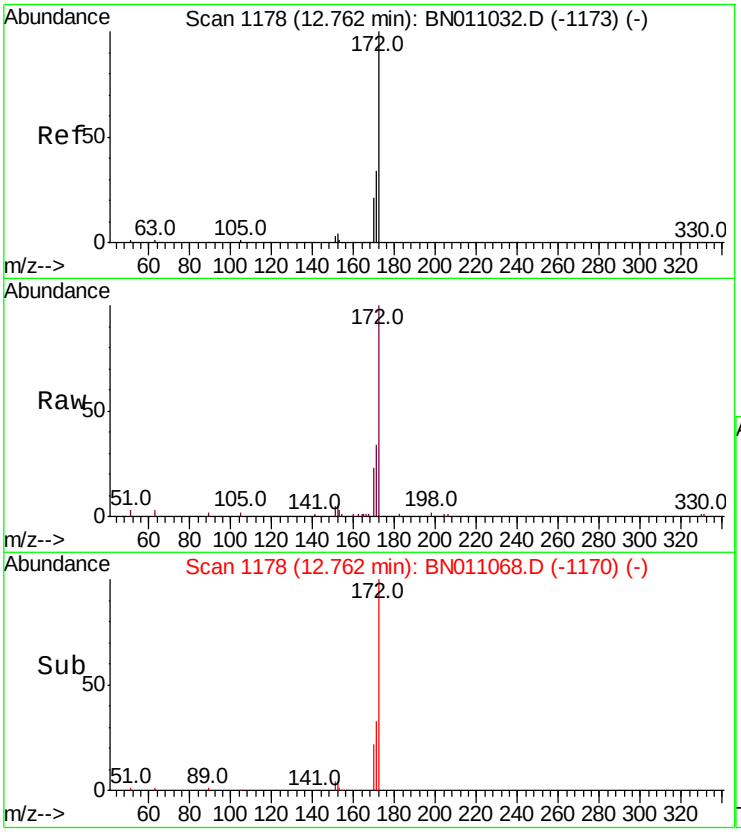


#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.64 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:330 Resp: 617

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.2	34.5	51.7



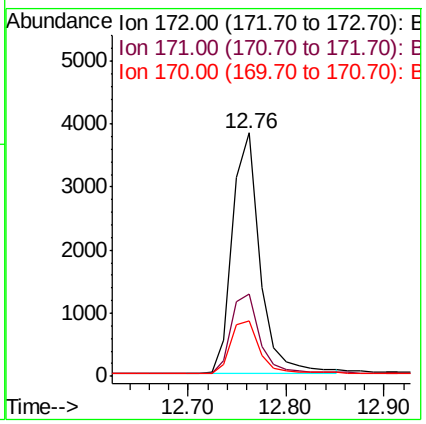


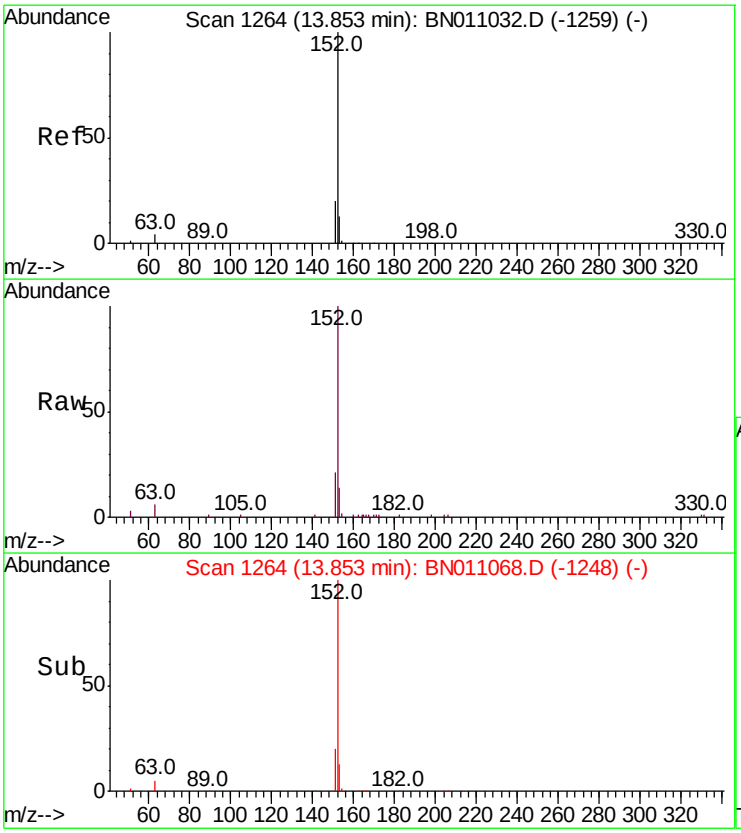
#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:172 Resp: 7437

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.4	41.2
170	22.7	17.5	26.3

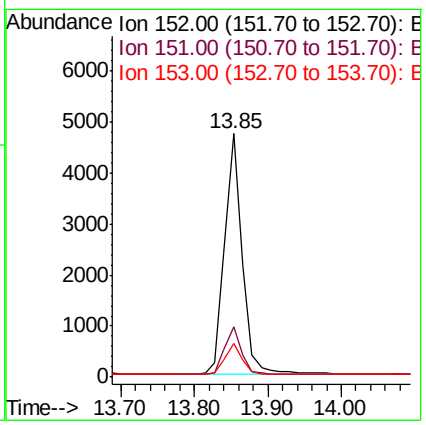


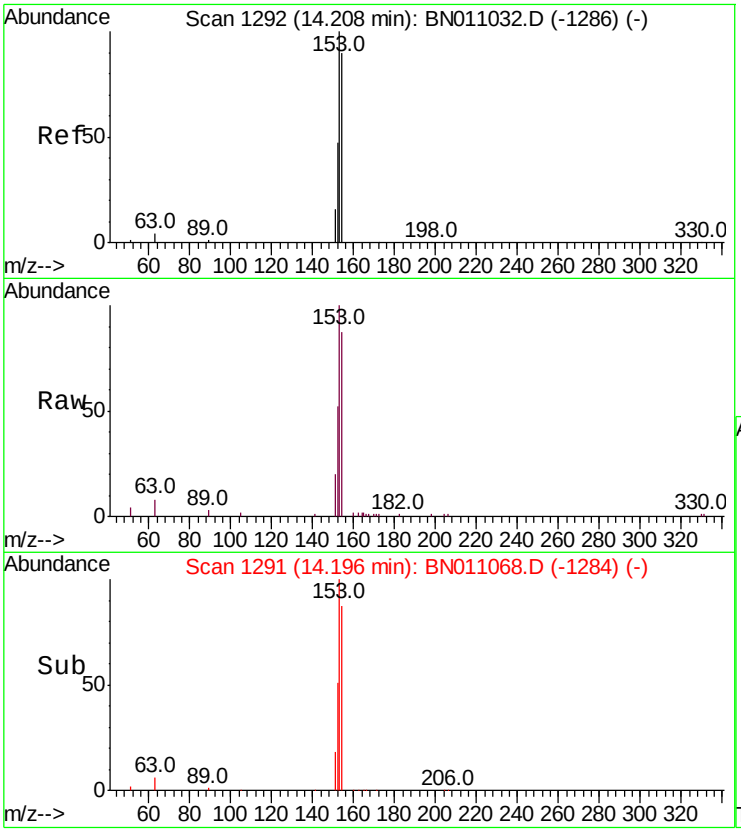


#16
Acenaphthylene
Concen: 0.343 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:152 Resp: 7848

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.0	10.2	15.2



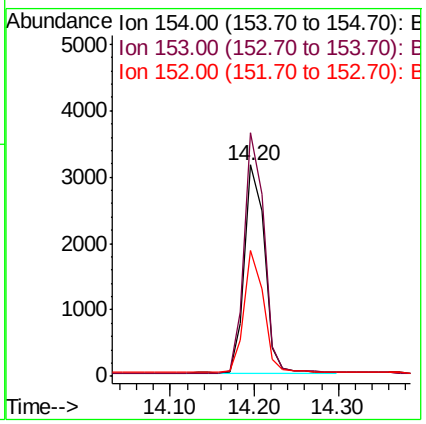


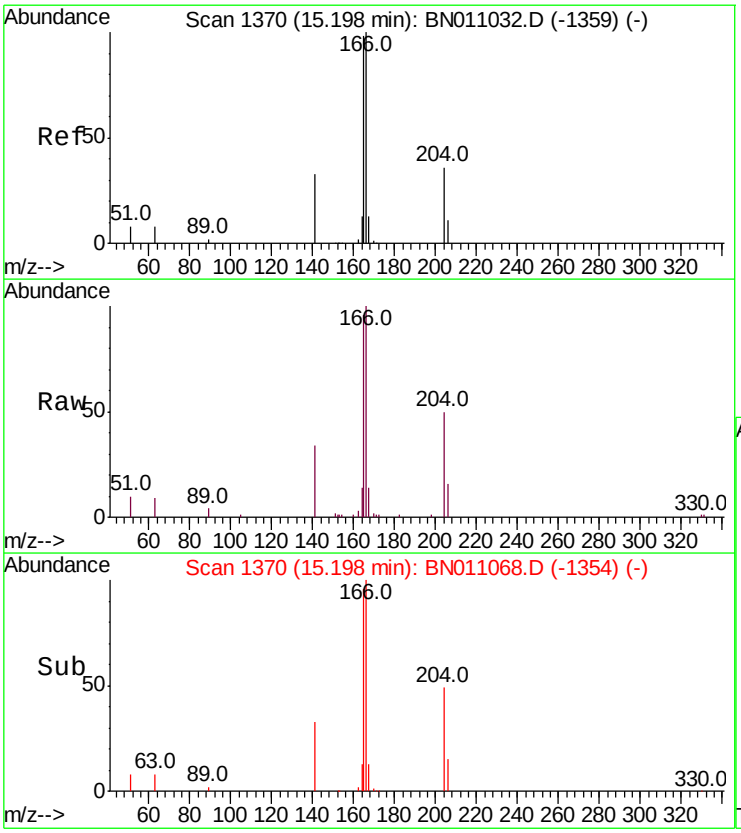
#17
Acenaphthene
Concen: 0.341 ng
RT: 14.20 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:154 Resp: 5248

Ion	Ratio	Lower	Upper
154	100		
153	114.5	92.3	138.5
152	57.4	45.5	68.3

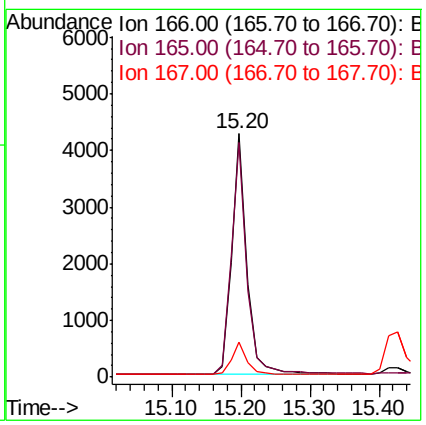


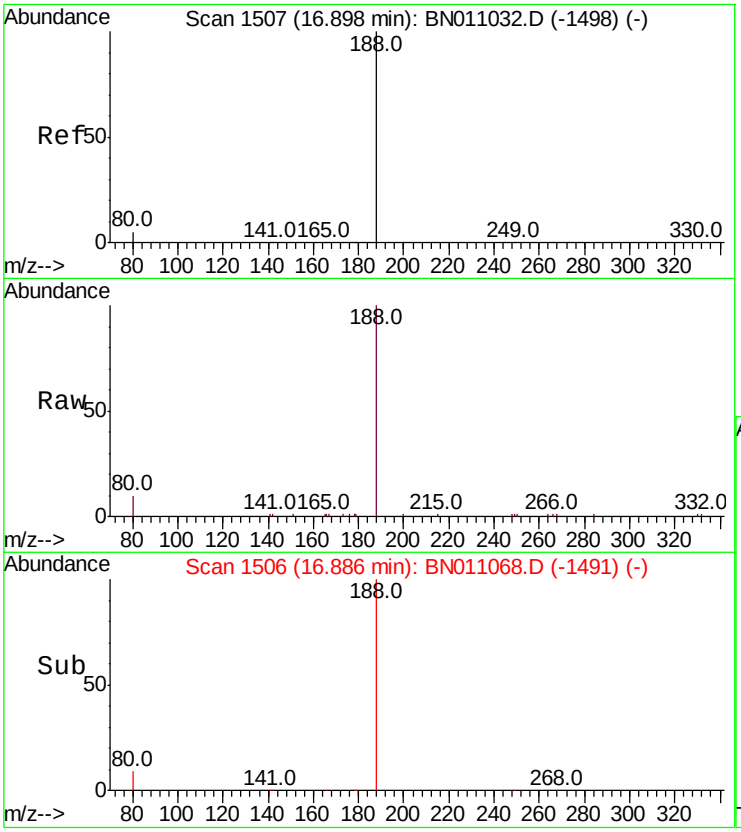


#18
Fluorene
Concen: 0.336 ng
RT: 15.20 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:166 Resp: 6597

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	13.6	10.8	16.2



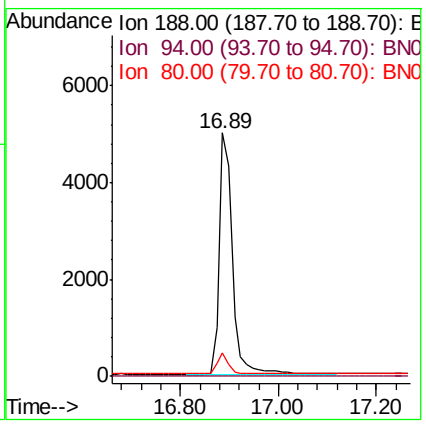


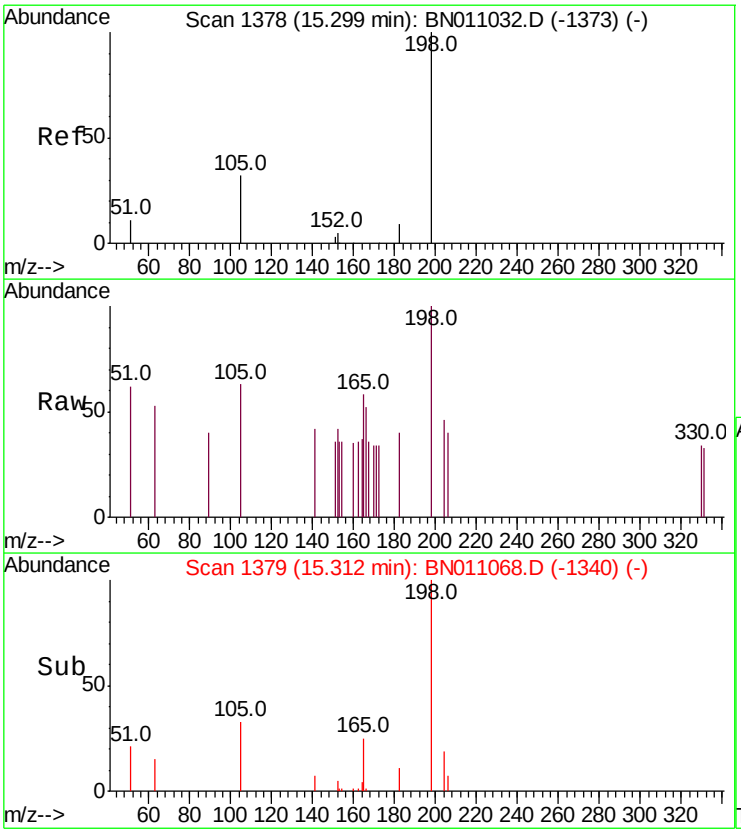
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:188 Resp: 9190

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	4.6	7.0#

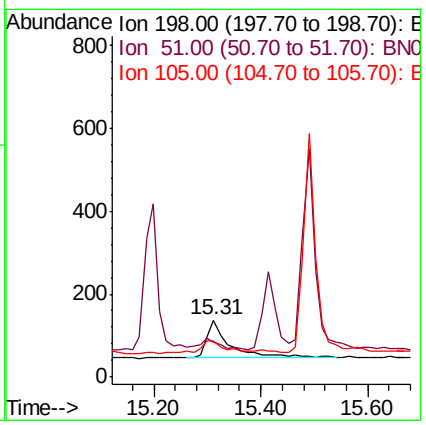


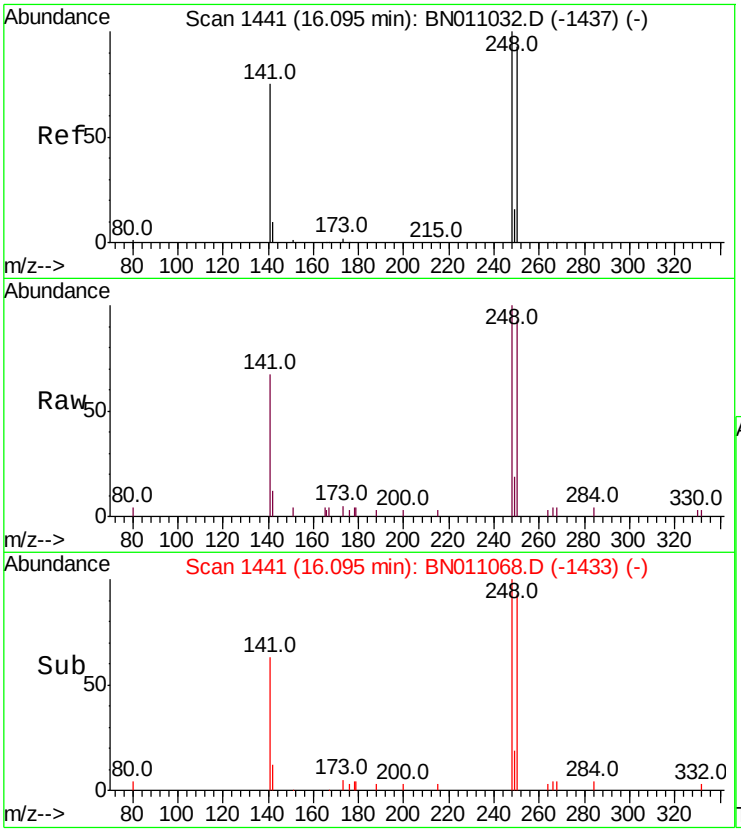


#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:198 Resp: 269

Ion	Ratio	Lower	Upper
198	100		
51	62.0	29.5	44.3#
105	62.8	39.2	58.8#



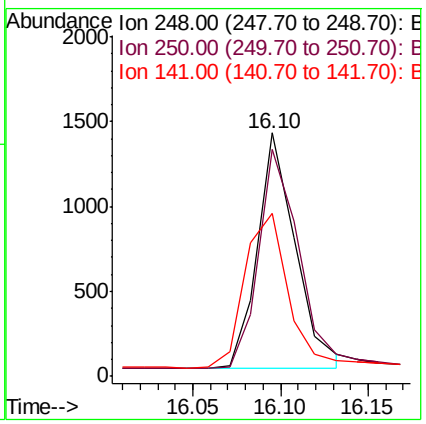


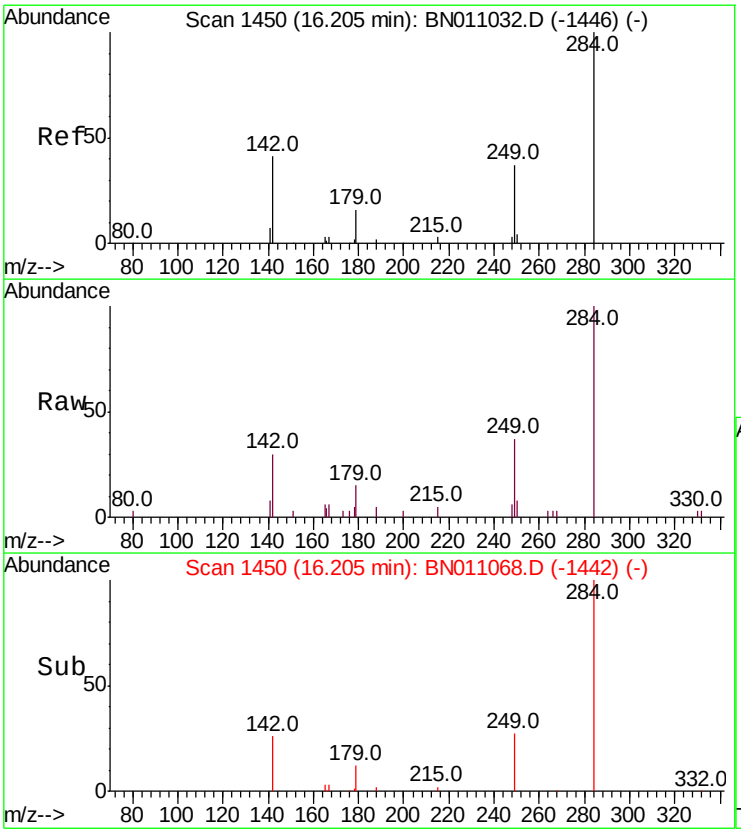
#21
4-Bromophenyl-phenylether
Concen: 0.328 ng
RT: 16.10 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:248 Resp: 2085

Ion	Ratio	Lower	Upper
248	100		
250	93.4	74.6	111.8
141	67.0	60.9	91.3

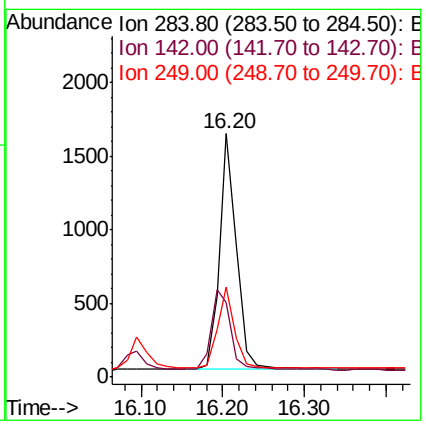


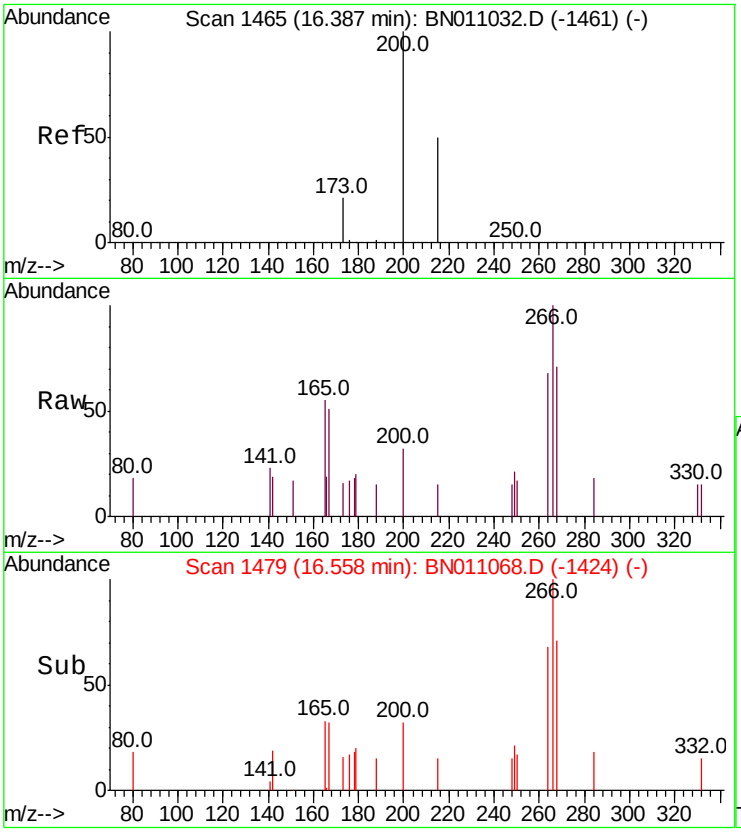


#22
Hexachlorobenzene
Concen: 0.329 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:284 Resp: 2313

Ion	Ratio	Lower	Upper
284	100		
142	38.9	30.4	45.6
249	34.3	27.0	40.4



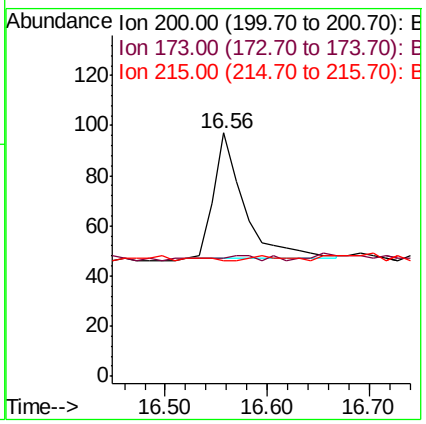


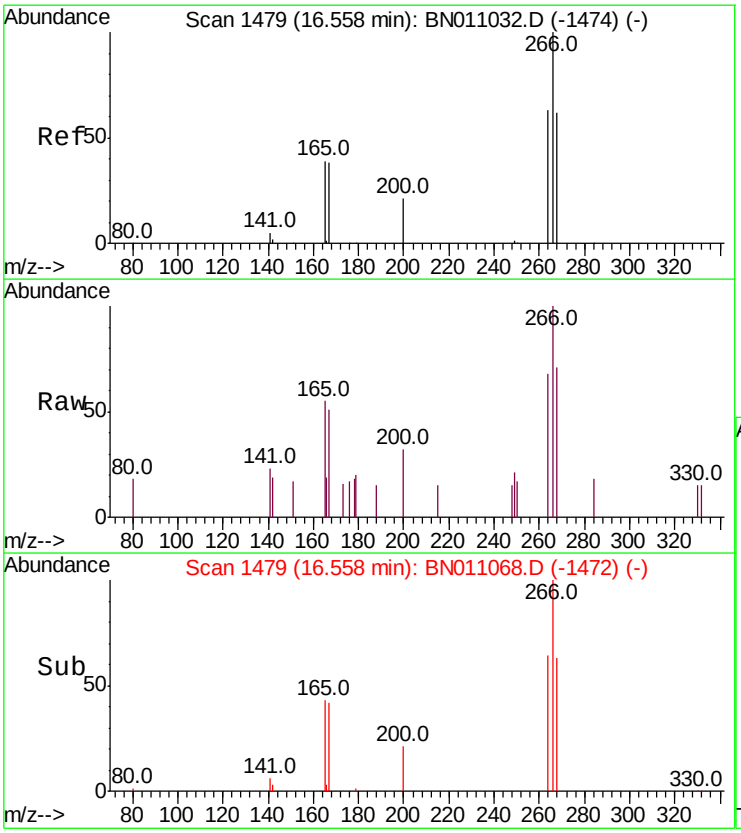
#23
Atrazine
Concen: 0.022 ng
RT: 16.56 min Scan# 1479
Delta R.T. 0.17 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:200 Resp: 103

Ion	Ratio	Lower	Upper
200	100		
173	48.5	19.4	29.2#
215	47.4	41.5	62.3

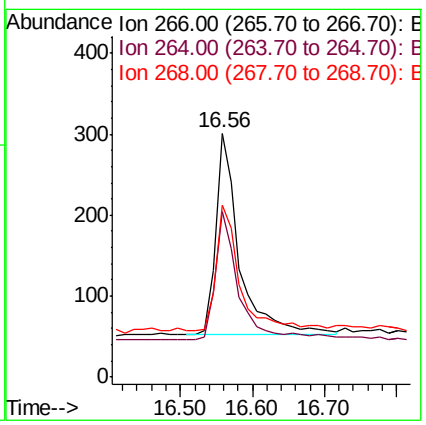


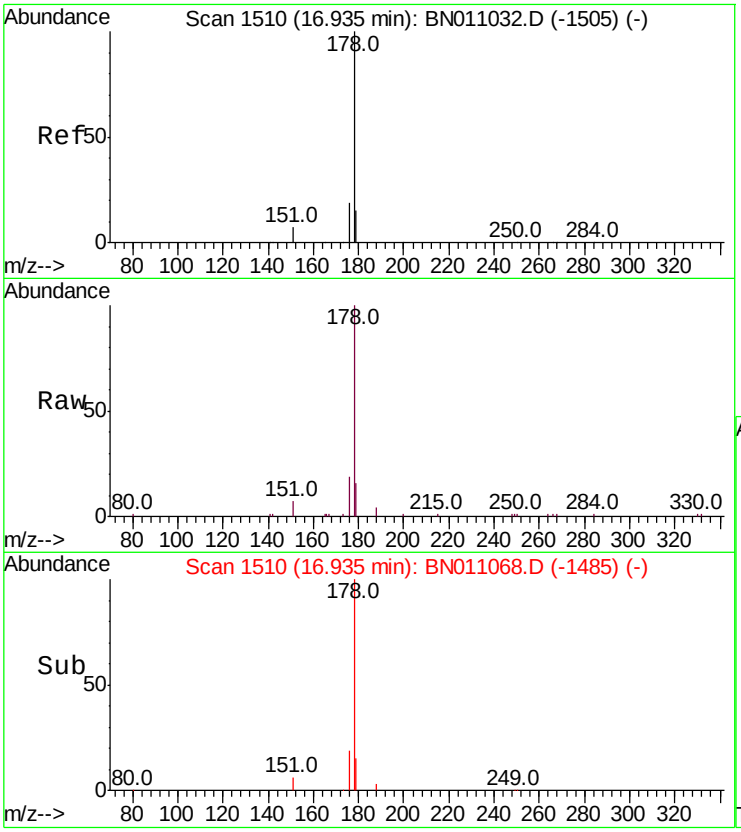


#24
Pentachlorophenol
Concen: 0.257 ng
RT: 16.56 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:266 Resp: 571

Ion	Ratio	Lower	Upper
266	100		
264	66.5	51.4	77.0
268	61.8	54.9	82.3



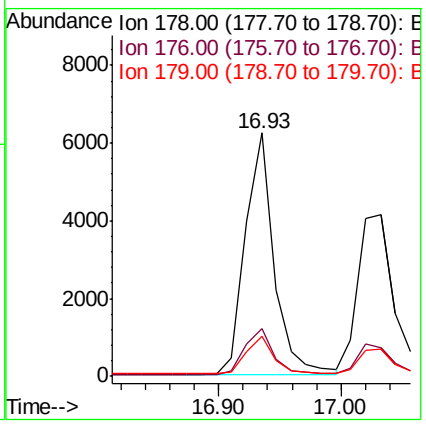


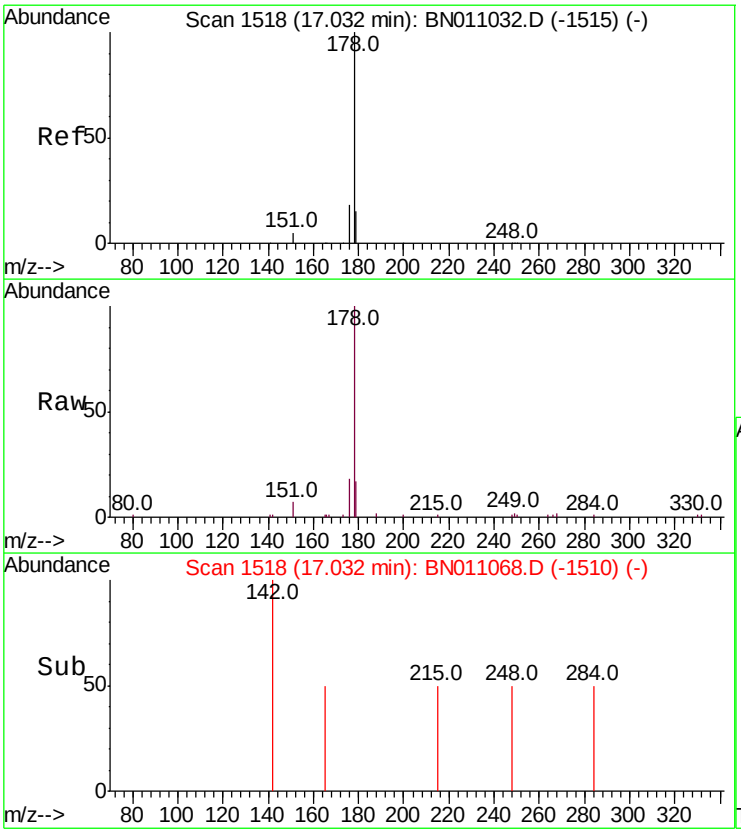
#25
Phenanthrene
Concen: 0.327 ng
RT: 16.93 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:178 Resp: 10117

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	15.5	12.3	18.5

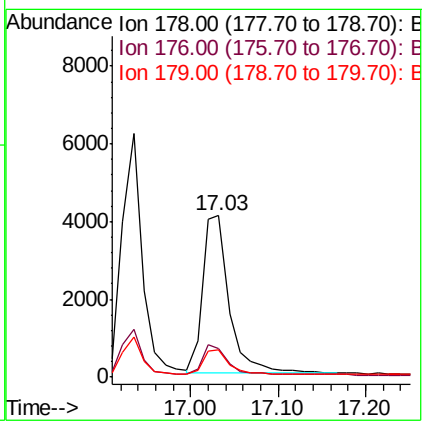


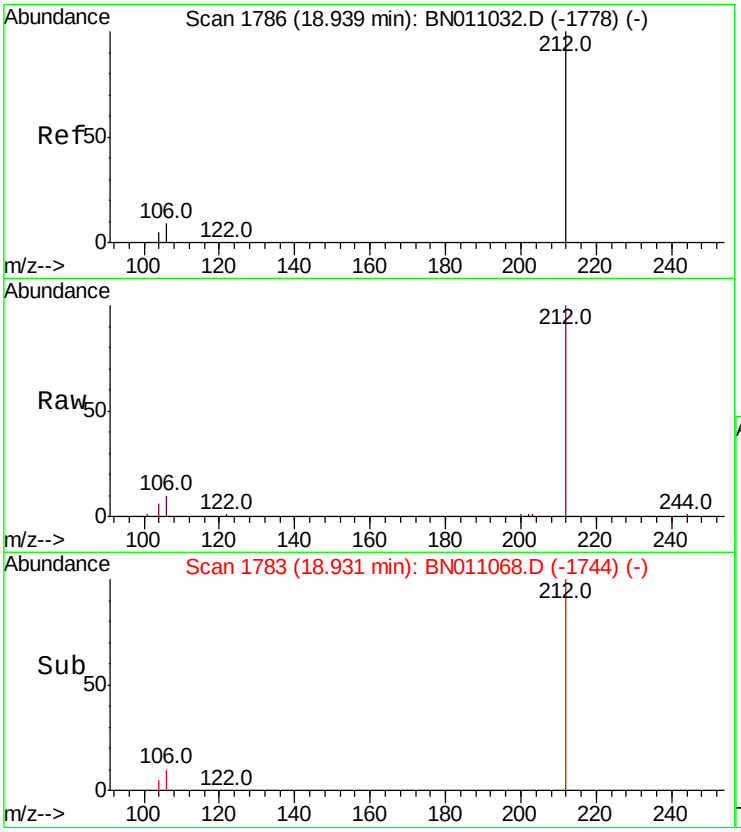


#26
Anthracene
Concen: 0.329 ng
RT: 17.03 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:178 Resp: 8448

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.0	12.2	18.4



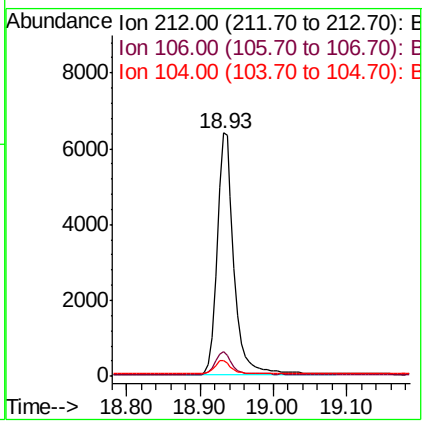


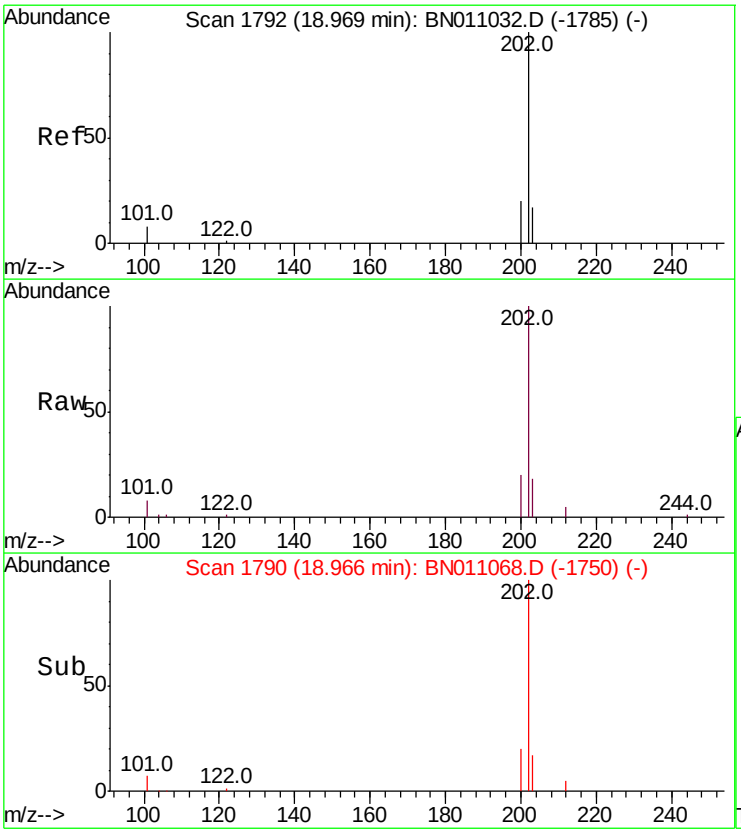
#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 18.93 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:212 Resp: 10129

Ion	Ratio	Lower	Upper
212	100		
106	9.3	7.7	11.5
104	5.5	4.6	6.8

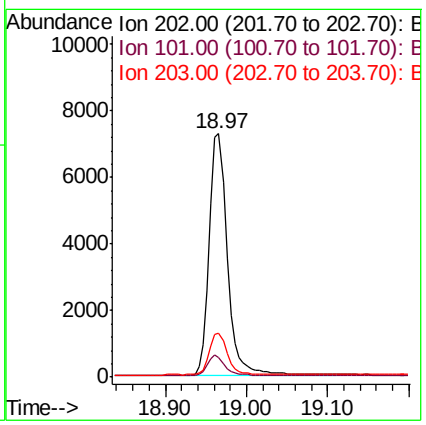


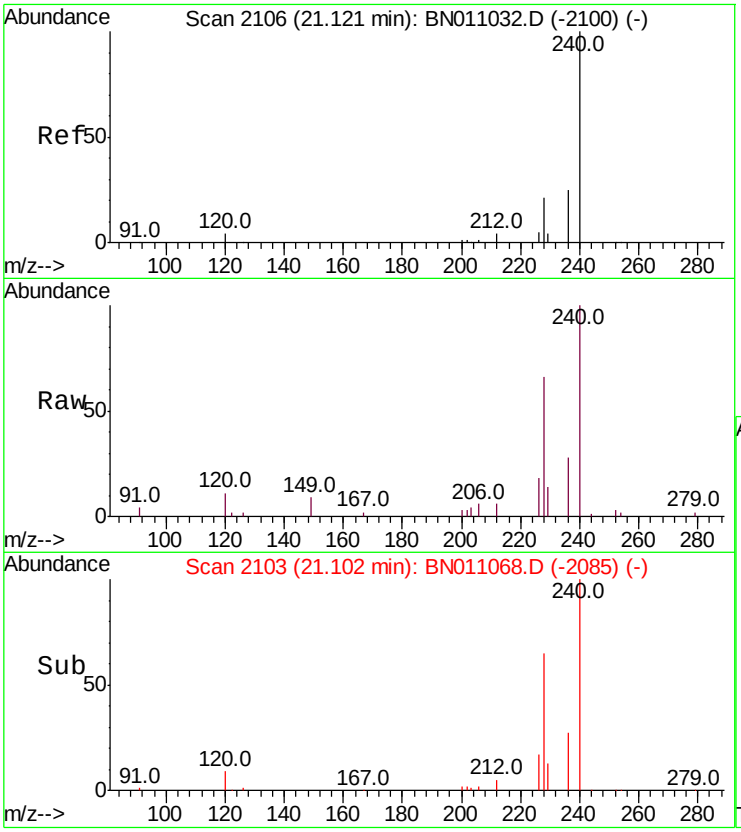


#28
Fluoranthene
Concen: 0.319 ng
RT: 18.97 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:202 Resp: 11301

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	10.0
203	17.3	13.8	20.6



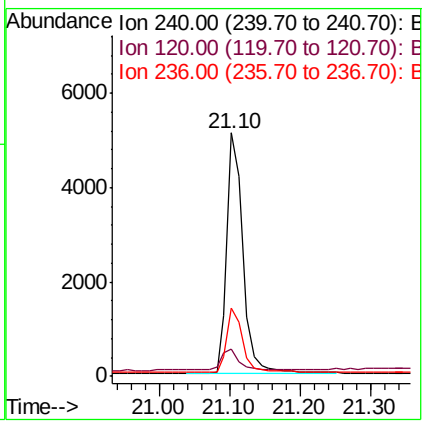


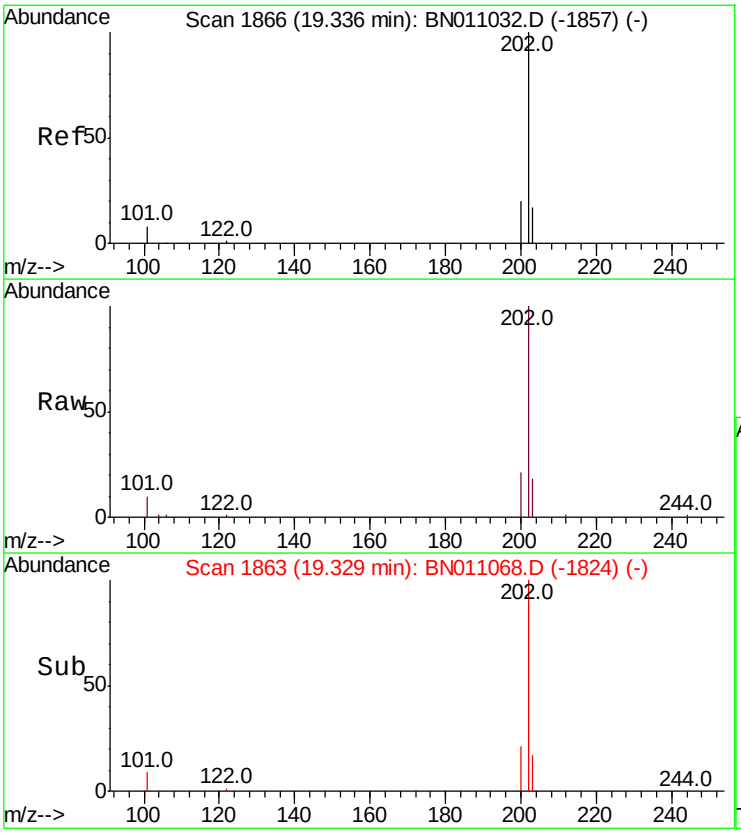
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:240 Resp: 8172

Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.4	8.0#
236	28.1	21.4	32.2

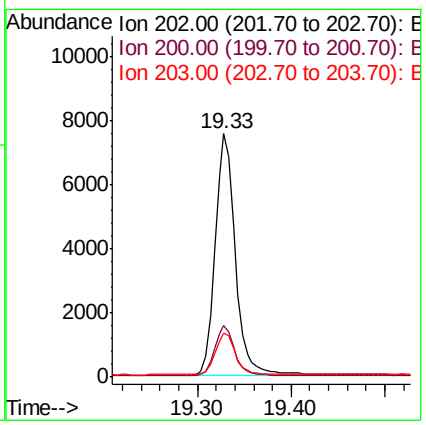


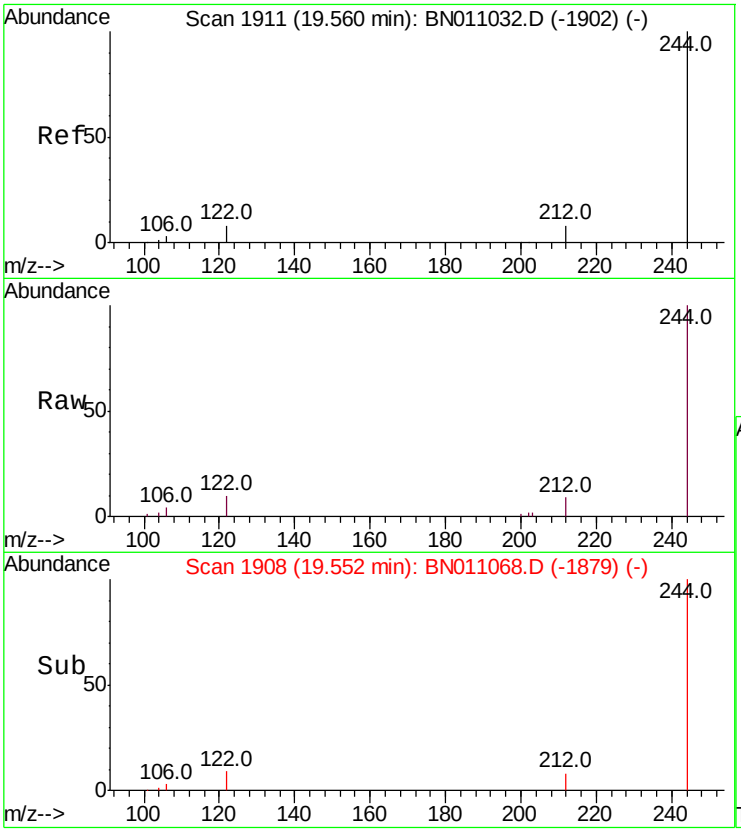


#30
Pyrene
Concen: 0.360 ng
RT: 19.33 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:202 Resp: 11316

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.4	14.2	21.2



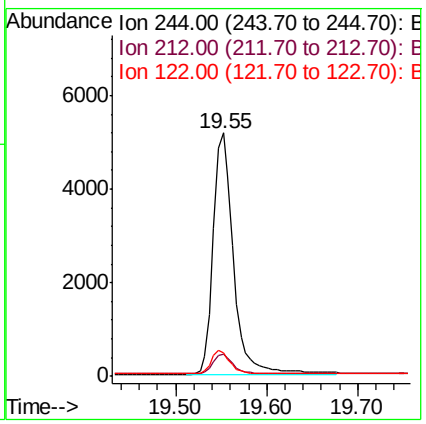


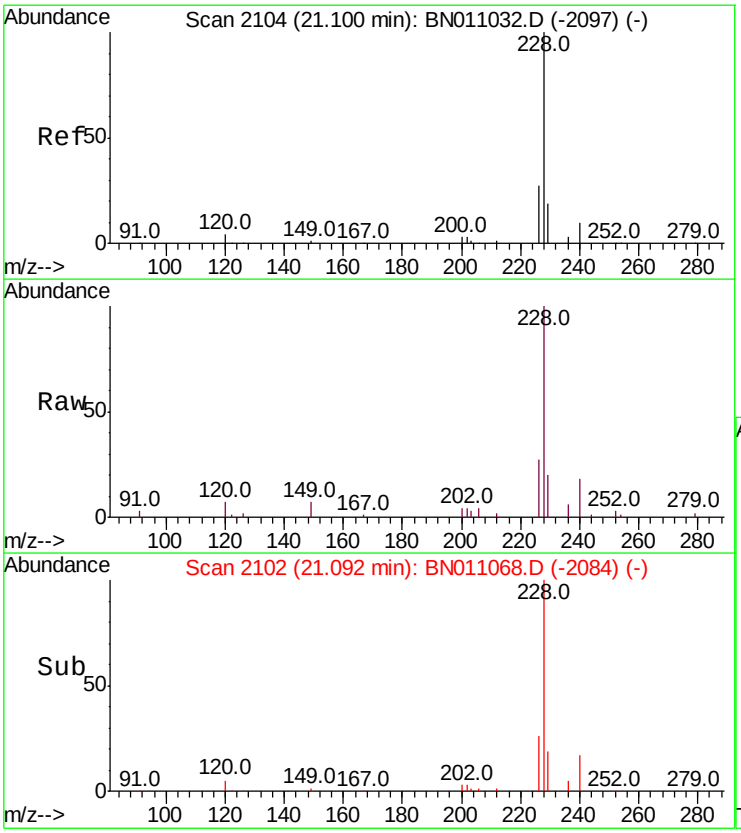
#31
Terphenyl-d14
Concen: 0.358 ng
RT: 19.55 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:244 Resp: 7853

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	9.6	7.4	11.0

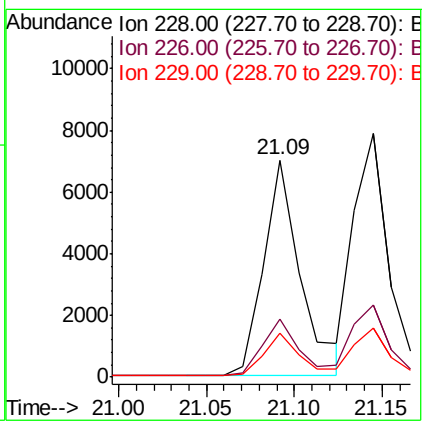


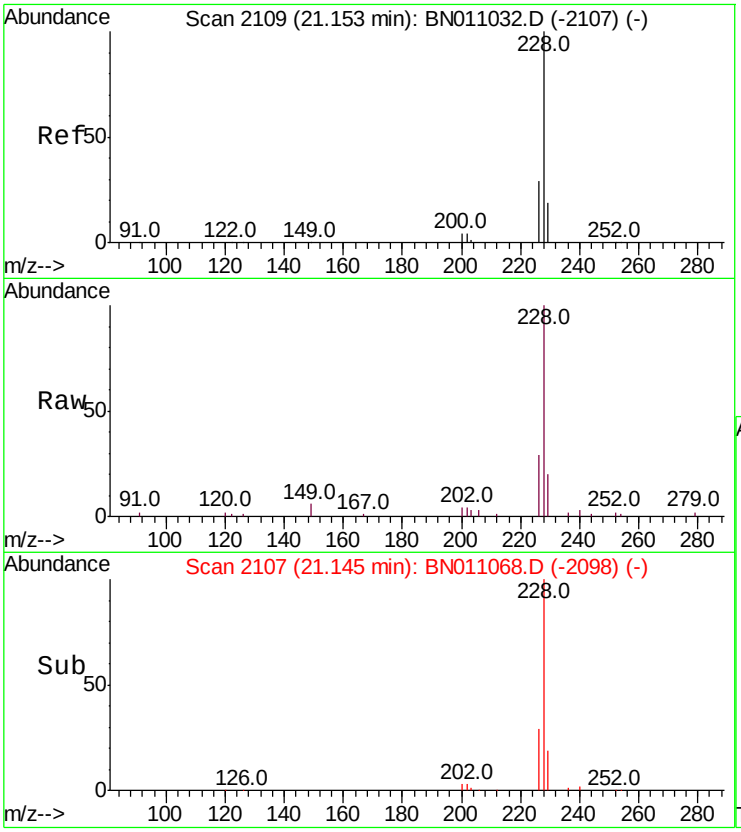


#32
Benzo(a)anthracene
Concen: 0.361 ng
RT: 21.09 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:228 Resp: 10210

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.0	33.0
229	20.0	15.9	23.9



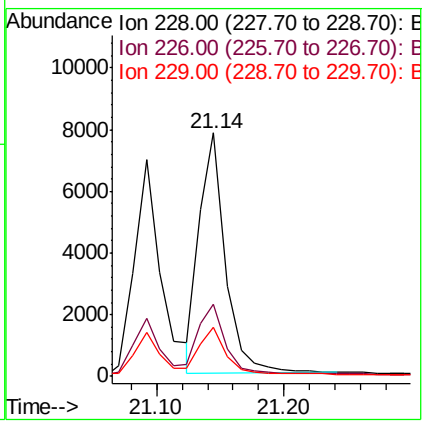


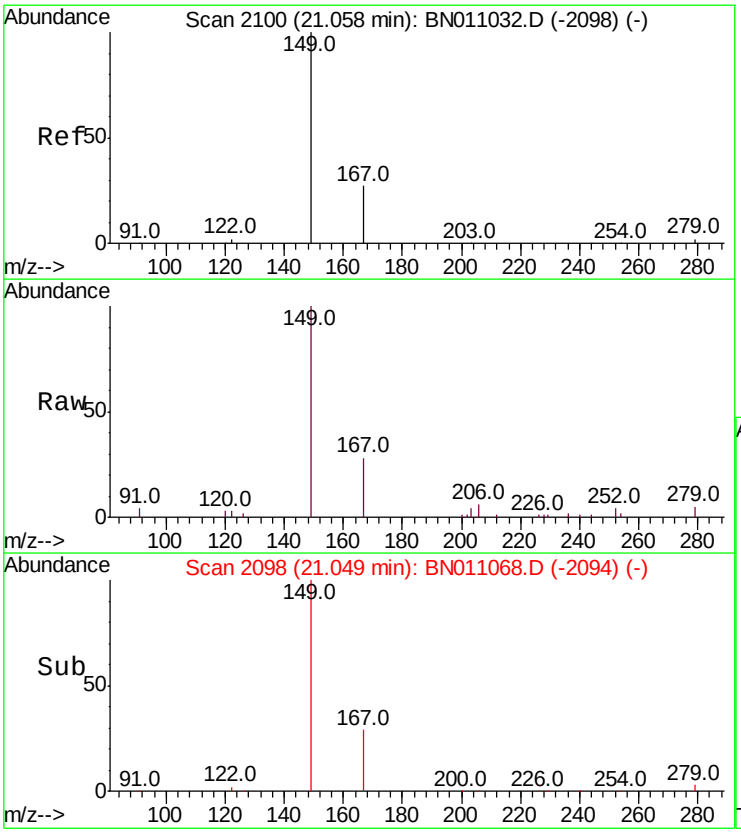
#33
Chrysene
Concen: 0.361 ng
RT: 21.14 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument : BNA_N
ClientSampleId : PB129845BSD

Tgt Ion:228 Resp: 11126

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	20.1	15.8	23.6

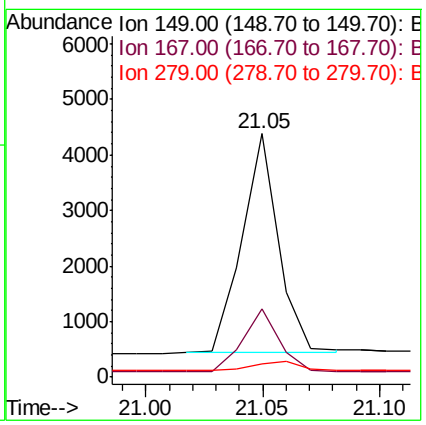


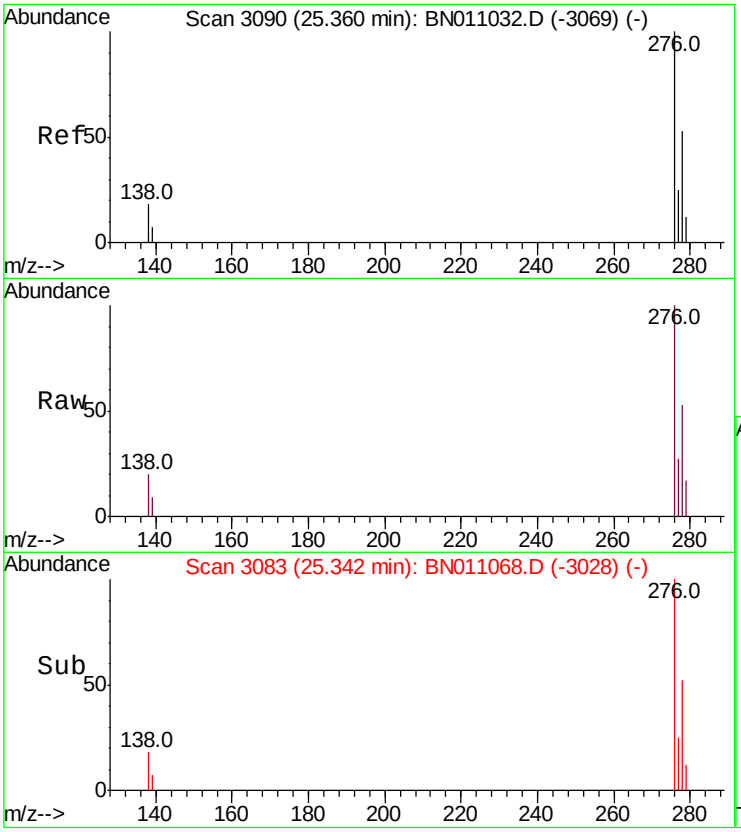


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.376 ng
RT: 21.05 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:149 Resp: 4280

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.2
279	5.7	3.9	5.9



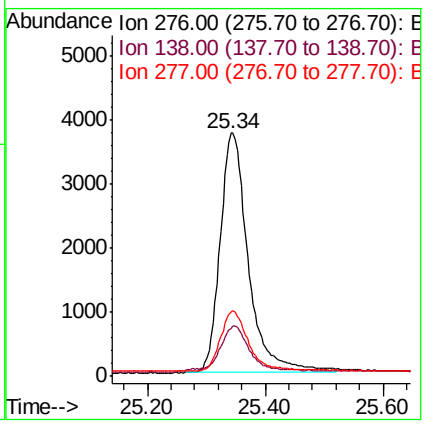


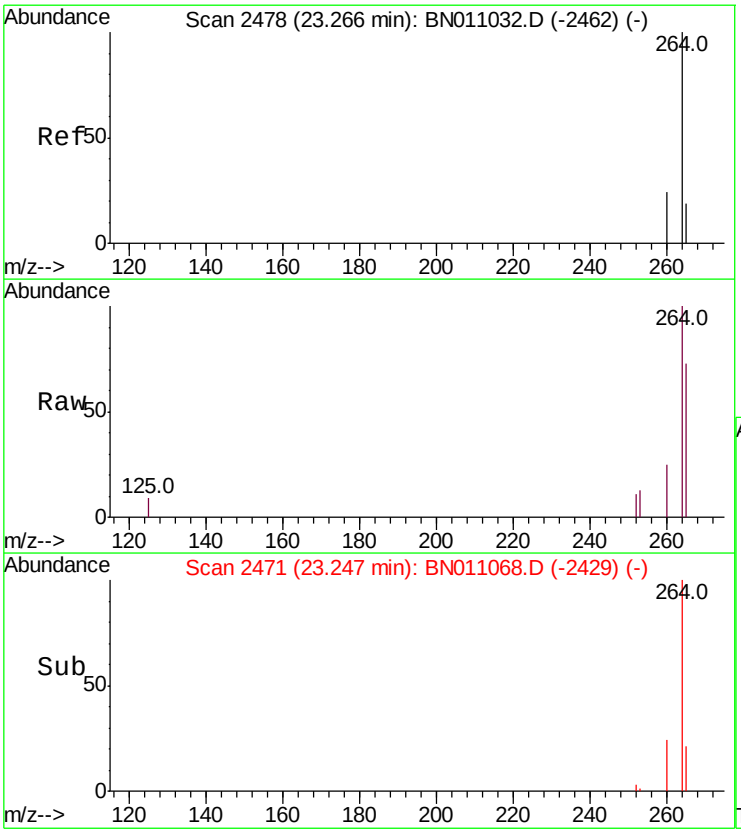
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng
RT: 25.34 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:276 Resp: 12483

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.2	24.2
277	25.0	19.9	29.9

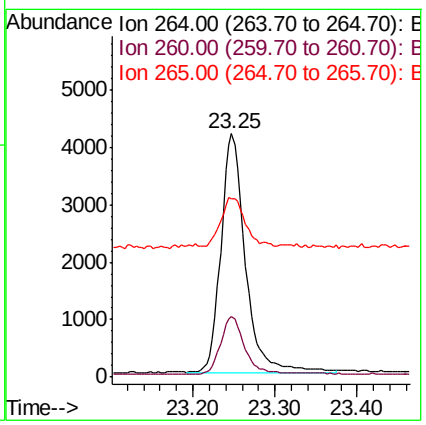


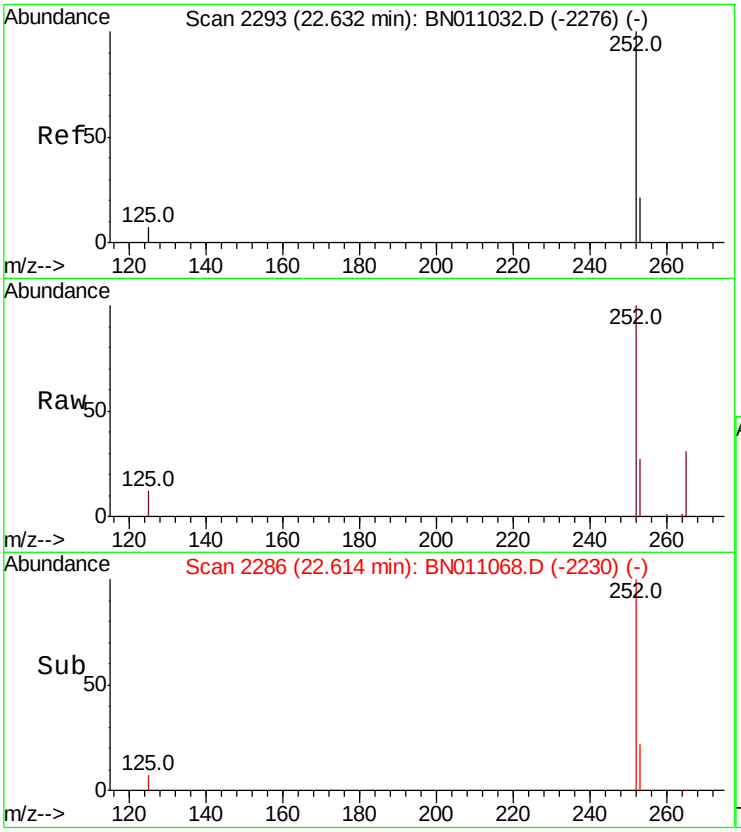


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:264 Resp: 8532

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	73.5	64.9	97.3



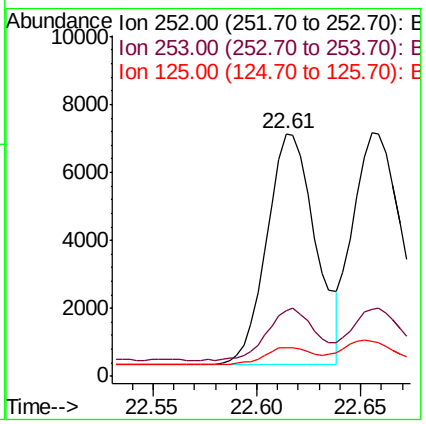


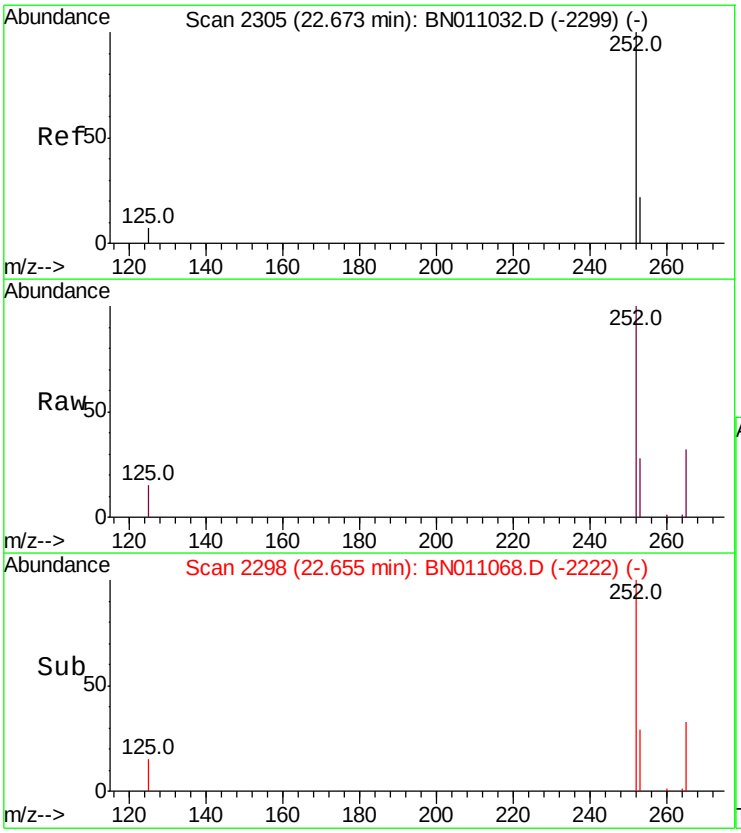
#37
Benzo(b)fluoranthene
Concen: 0.329 ng
RT: 22.61 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:252 Resp: 11102

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.4	32.0
125	11.8	9.3	13.9

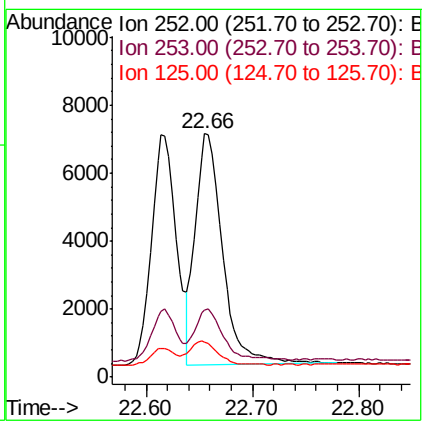


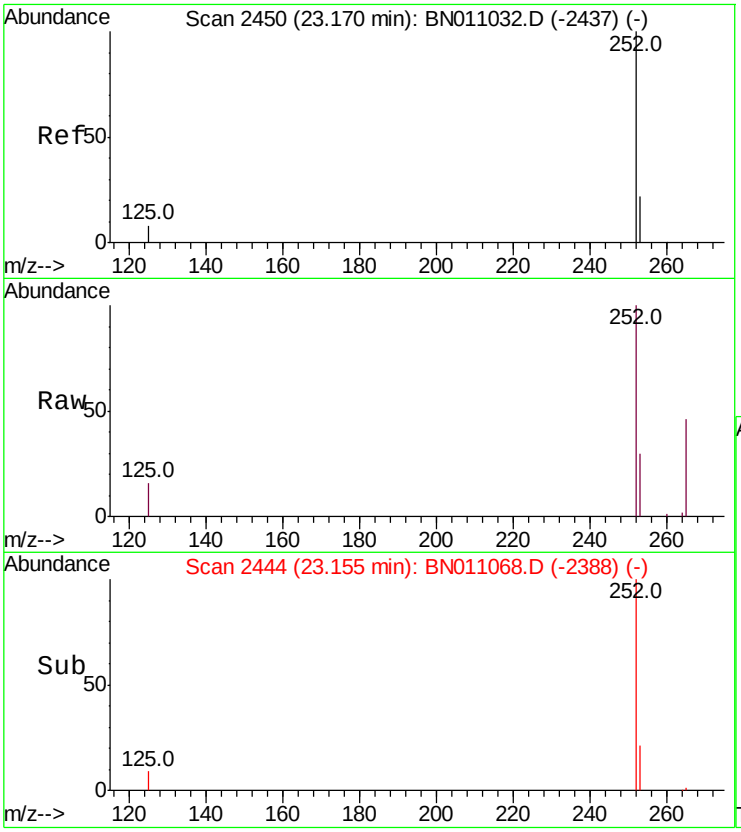


#38
Benzo(k)fluoranthene
Concen: 0.345 ng
RT: 22.66 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:252 Resp: 12110

Ion	Ratio	Lower	Upper
252	100		
253	27.7	21.8	32.6
125	14.5	9.8	14.6



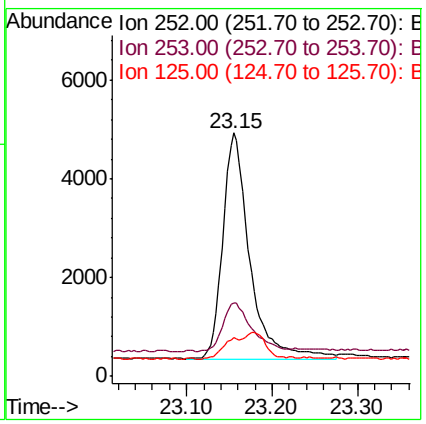


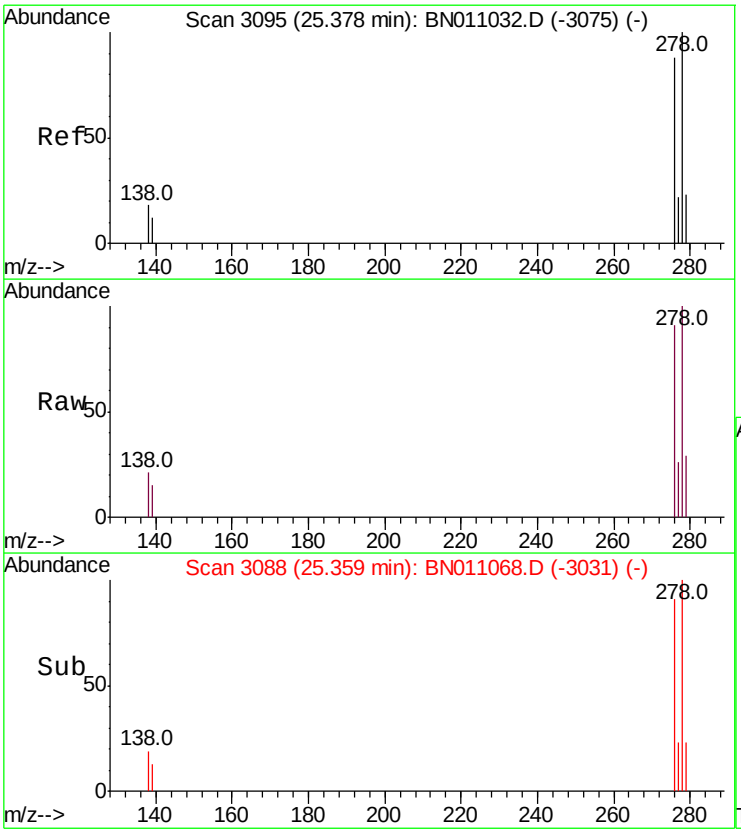
#39
Benzo(a)pyrene
Concen: 0.335 ng
RT: 23.15 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:252 Resp: 10046

Ion	Ratio	Lower	Upper
252	100		
253	30.4	23.1	34.7
125	15.7	11.2	16.8

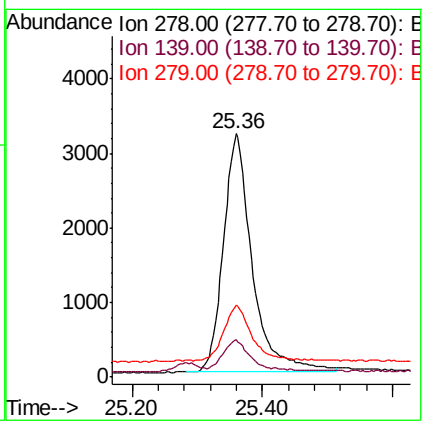


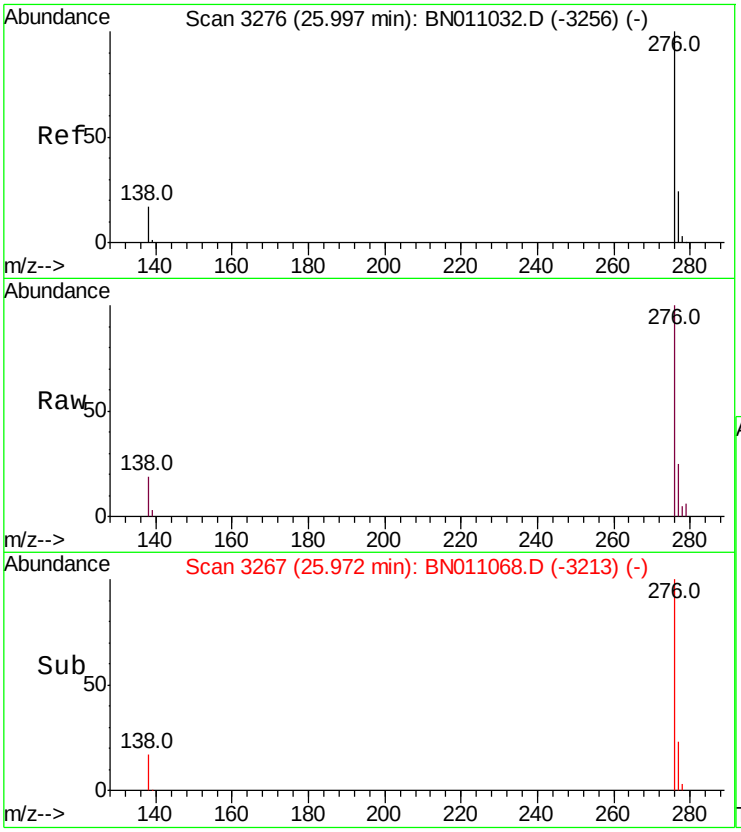


#40
Dibenzo(a,h)anthracene
Concen: 0.306 ng
RT: 25.36 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:278 Resp: 9885

Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.2	16.8
279	29.4	22.6	34.0





#41
Benzo(g,h,i)perylene
Concen: 0.317 ng
RT: 25.97 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tgt Ion:276 Resp: 10616

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.4	30.6
138	19.1	15.1	22.7