Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011043.D
Acq On : 24 Jun 2020 12:02
Operator : CG/JU
Sample : PB129663BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129663BSD

Quant Time: Jun 24 12:40:23 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 18:53:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1999	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	6837	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	3587	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	7110	0.40	ng		0.00
29) Chrysene-d12	21.11	240	6692	0.40	ng		0.00
36) Perylene-d12	23.26	264	6418	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	2330	0.41	ng		0.00
5) Phenol-d6	6.73	99	2616	0.39	ng		0.02
8) Nitrobenzene-d5	8.66	82	2152	0.35	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	4665	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	556	0.35	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	7002	0.42	ng		0.00
27) Fluoranthene-d10	18.94	212	8744	0.39	ng		0.00
31) Terphenyl-d14	19.56	244	7394	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1120	0.417	ng		99
3) n-Nitrosodimethylamine	3.57	42	541	0.361	ng	#	87
6) bis(2-Chloroethyl)ether	6.98	93	2269	0.394	ng		99
9) Naphthalene	10.32	128	8133	0.392	ng		100
10) Hexachlorobutadiene	10.61	225	2018	0.403	ng	#	99
12) 2-Methylnaphthalene	11.94	142	5408	0.389	ng		99
16) Acenaphthylene	13.85	152	7231	0.400	ng		100
17) Acenaphthene	14.21	154	4960	0.409	ng		99
18) Fluorene	15.20	166	6180	0.399	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	302	0.254	ng	#	80
21) 4-Bromophenyl-phenylether	16.11	248	1932	0.393	ng	#	77
22) Hexachlorobenzene	16.22	284	2319	0.427	ng		98
23) Atrazine	16.39	200	1206	0.332	ng	#	93
24) Pentachlorophenol	16.57	266	570	0.332	ng		95
25) Phenanthrene	16.93	178	9571	0.399	ng		100
26) Anthracene	17.03	178	7818	0.393	ng		99
28) Fluoranthene	18.97	202	10490	0.383	ng		99
30) Pyrene	19.33	202	10424	0.405	ng		99
32) Benzo(a)anthracene	21.09	228	9037	0.390	ng		99
33) Chrysene	21.15	228	10692	0.423	ng		100
34) Bis(2-ethylhexyl)phthalate	21.05	149	3248	0.348	ng		99
35) Indeno(1,2,3-cd)pyrene	25.35	276	11947	0.425	ng		99
37) Benzo(b)fluoranthene	22.62	252	10305	0.406	ng		98
38) Benzo(k)fluoranthene	22.67	252	10821	0.410	ng		99
39) Benzo(a)pyrene	23.16	252	9066	0.402	ng		97
40) Dibenzo(a,h)anthracene	25.37	278	9745	0.401	ng		98
41) Benzo(g,h,i)perylene	25.99	276	10201	0.405	ng		100

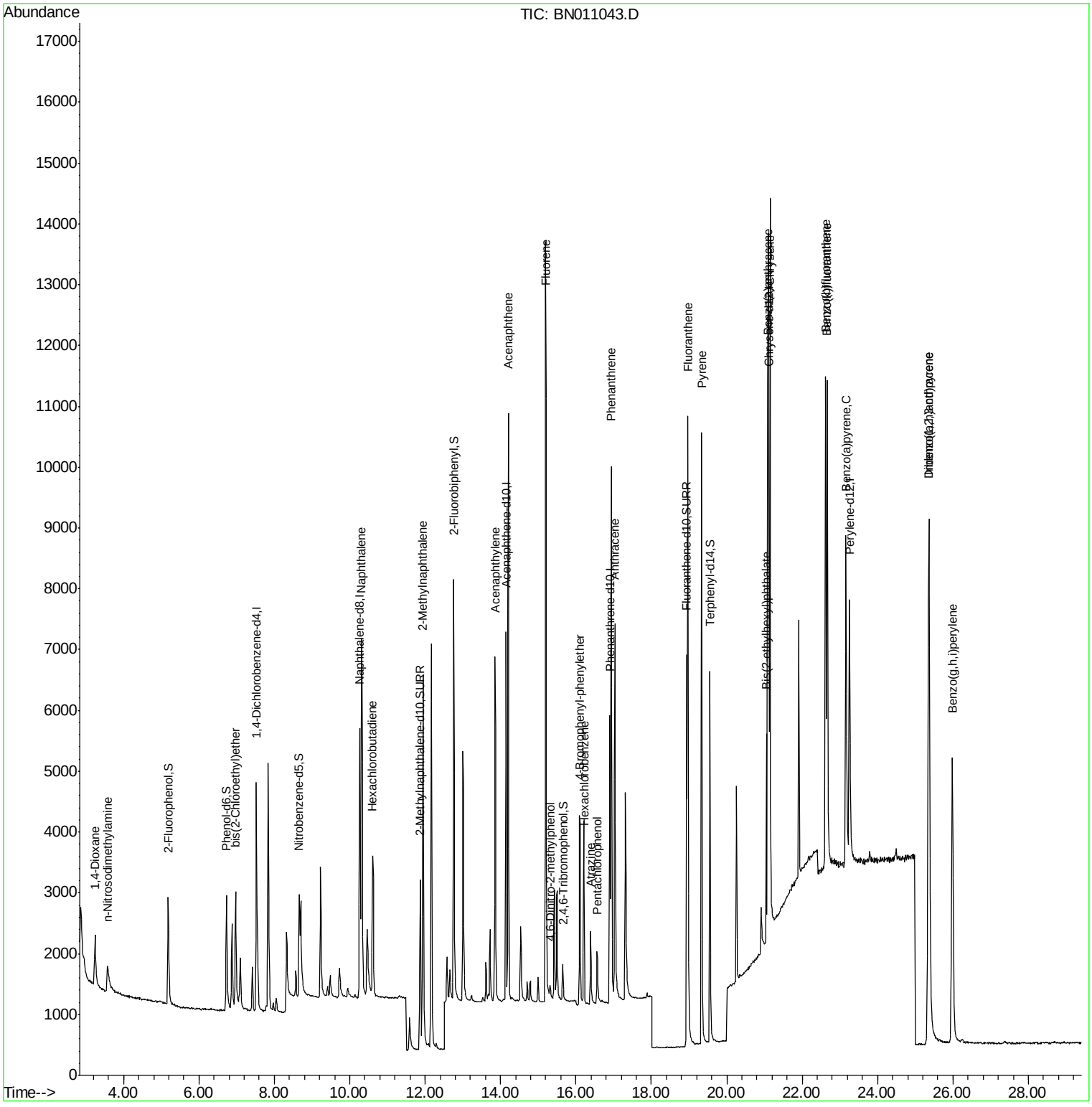
(#) = qualifier out of range (m) = manual integration (+) = signals summed

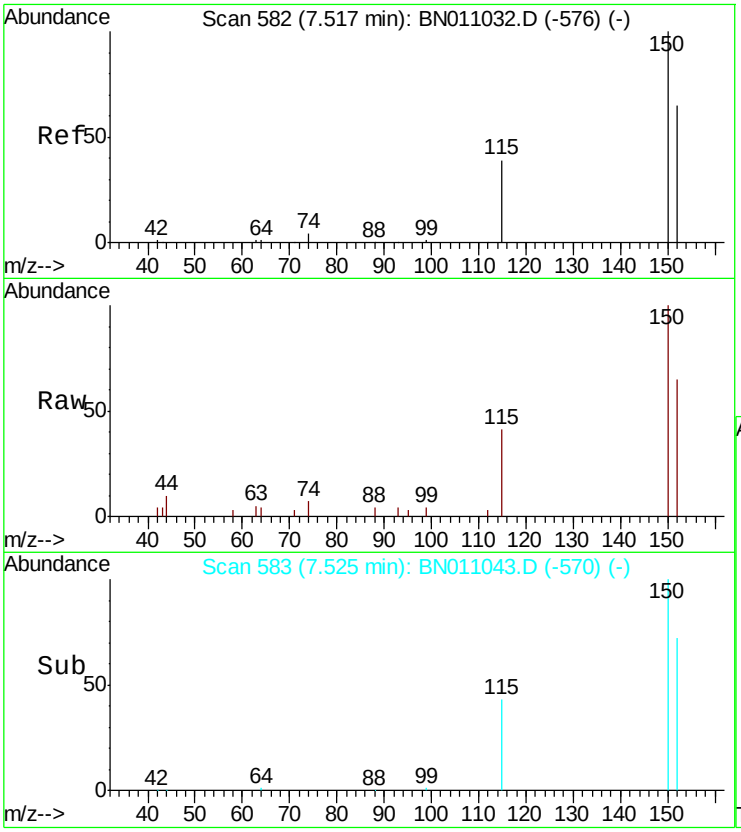
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011043.D
Acq On : 24 Jun 2020 12:02
Operator : CG/JU
Sample : PB129663BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Quant Time: Jun 24 12:40:23 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 18:53:50 2020
Response via : Initial Calibration



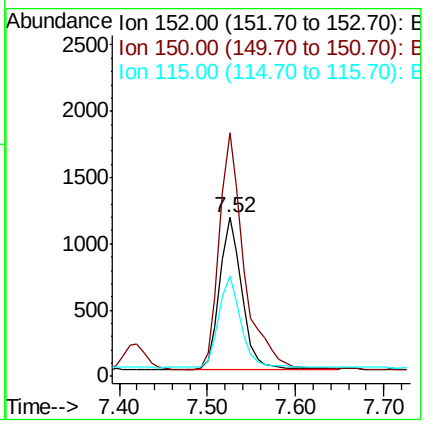


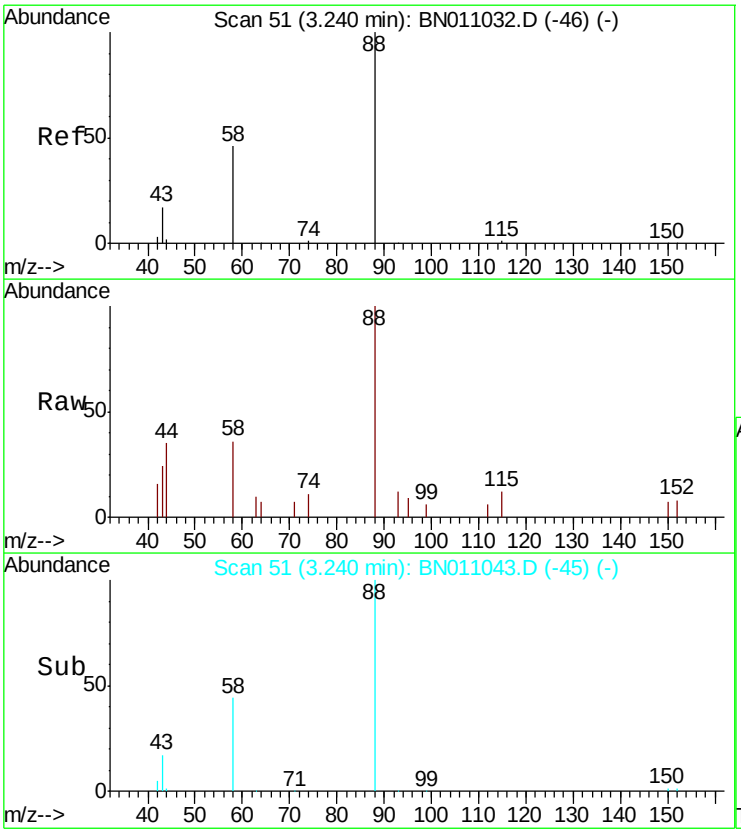
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:152 Resp: 1999

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.8	182.8
115	63.0	50.2	75.2

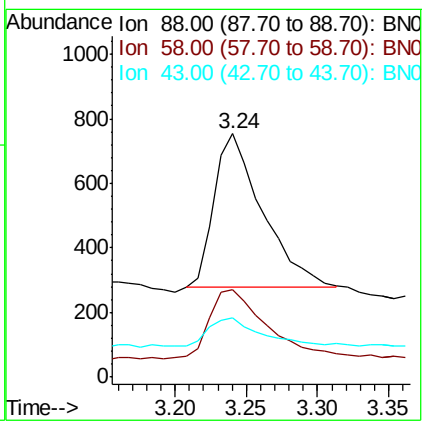


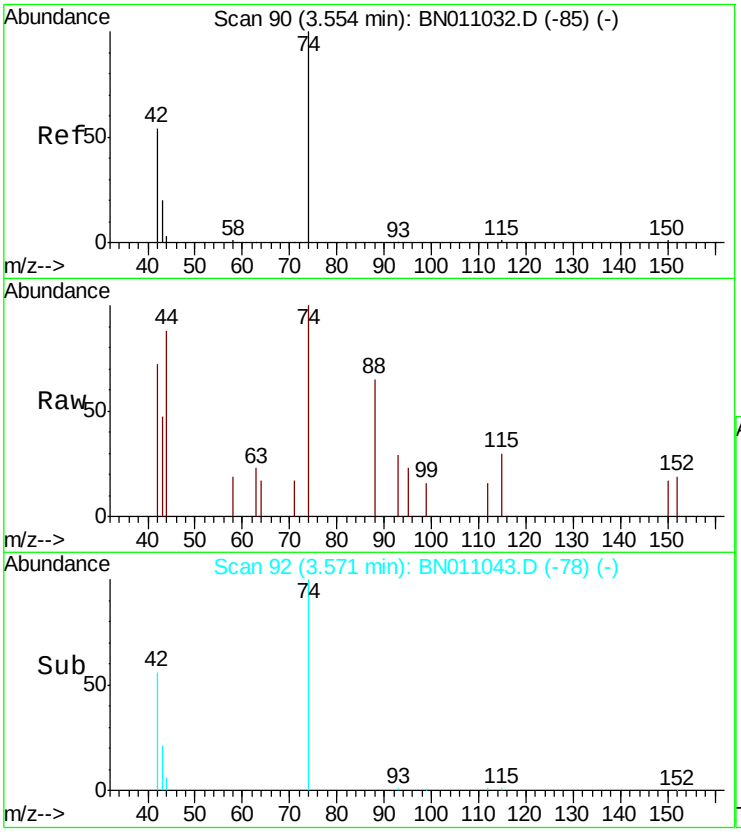


#2
1,4-Dioxane
Concen: 0.417 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion: 88 Resp: 1120

Ion	Ratio	Lower	Upper
88	100		
58	48.9	38.4	57.6
43	18.0	14.2	21.4

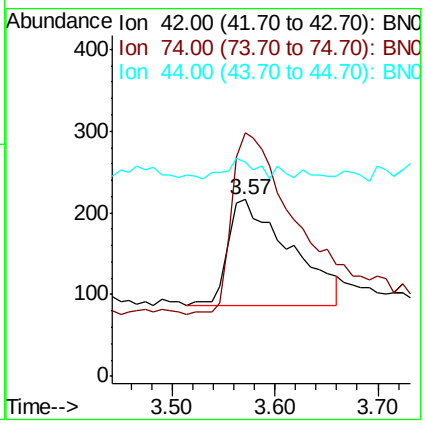




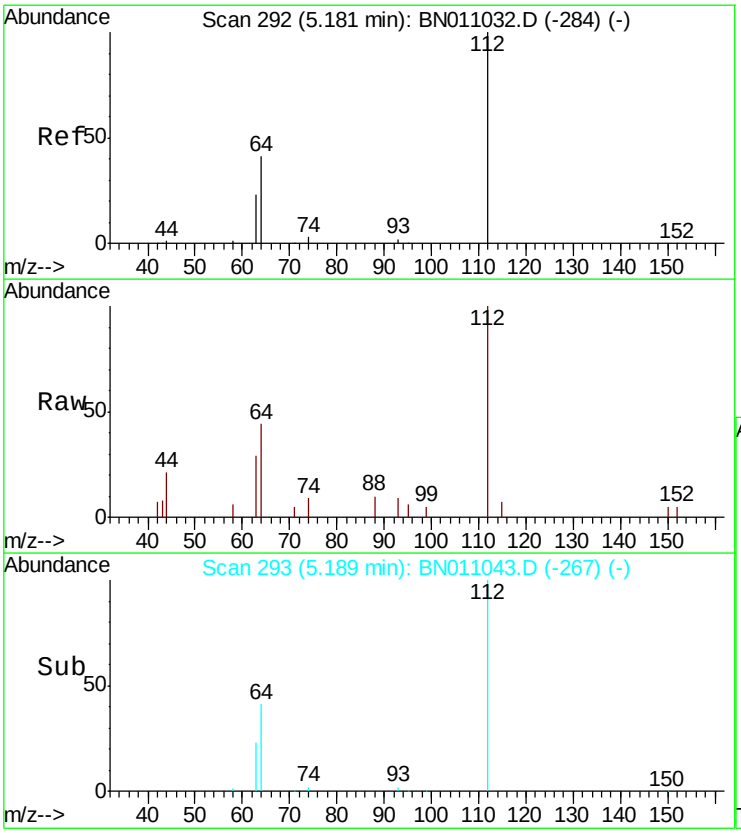
#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.57 min Scan# 92
Delta R.T. 0.02 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion: 42 Resp: 541

Ion	Ratio	Lower	Upper
42	100		
74	173.4	154.8	232.2
44	8.3	4.8	7.2#



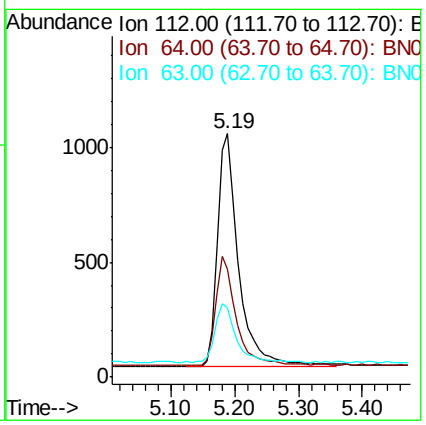
Instrument :
BNA_N
ClientSampleId :
PB129663BSD

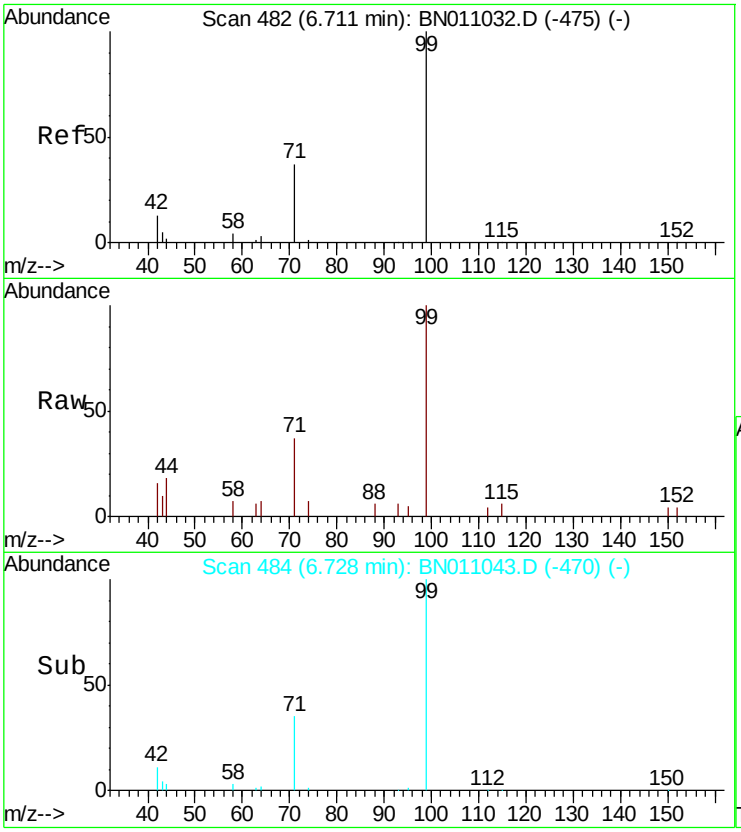


#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:112 Resp: 2330

Ion	Ratio	Lower	Upper
112	100		
64	45.2	37.3	55.9
63	24.7	20.4	30.6



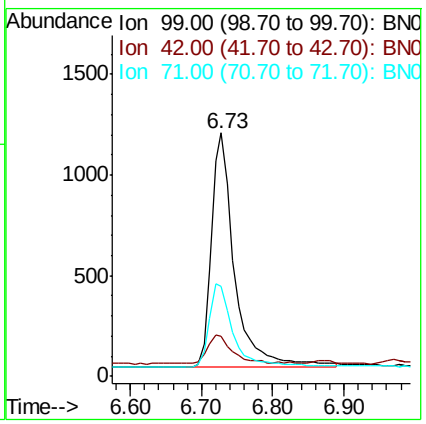


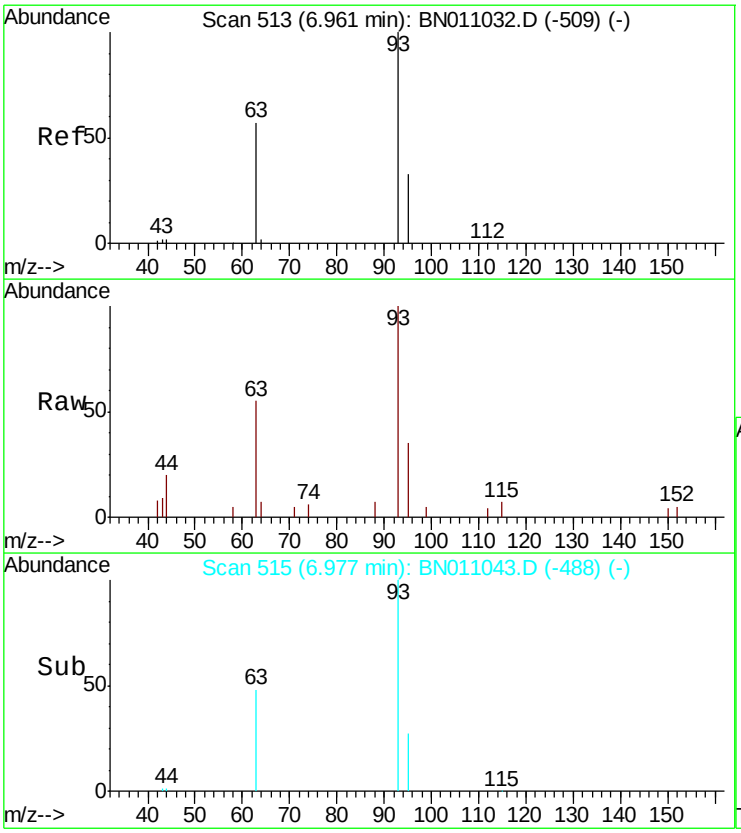
#5
Phenol-d6
Concen: 0.392 ng
RT: 6.73 min Scan# 484
Delta R.T. 0.02 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion: 99 Resp: 2616

Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.6	16.0
71	36.1	28.7	43.1

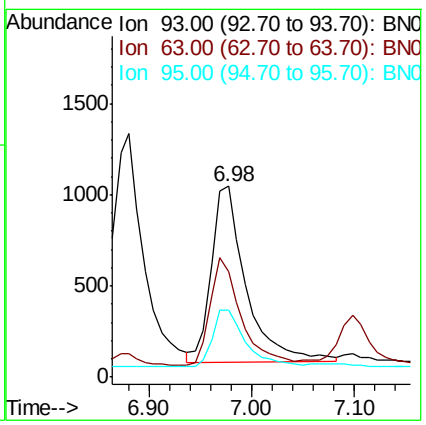


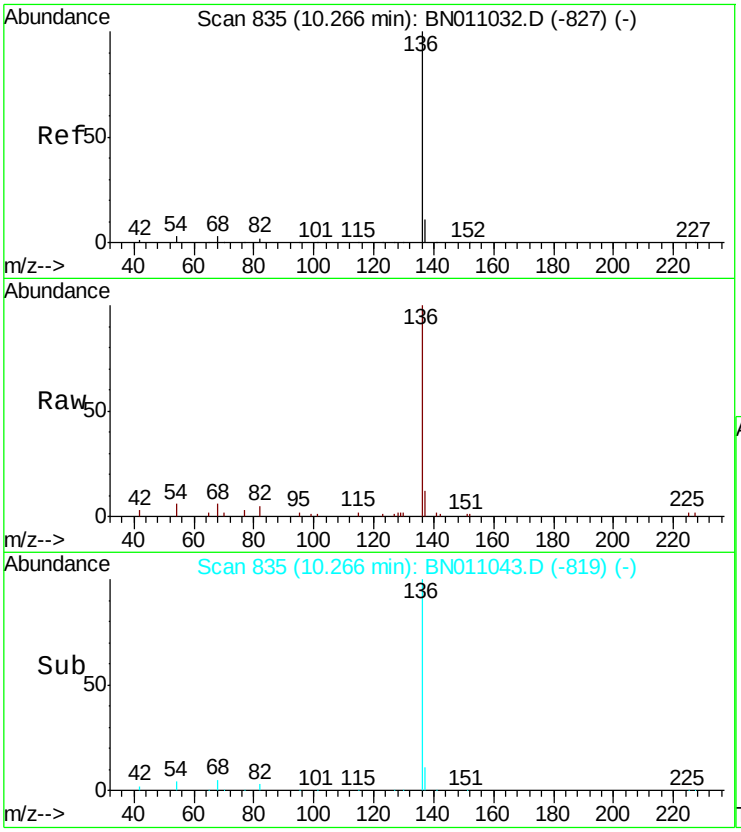


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 6.98 min Scan# 515
Delta R.T. 0.02 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion: 93 Resp: 2269

Ion	Ratio	Lower	Upper
93	100		
63	54.4	43.7	65.5
95	31.0	25.3	37.9



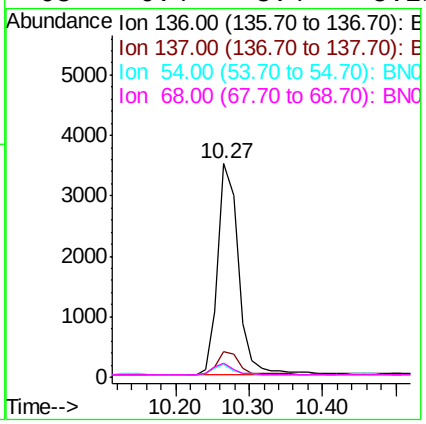


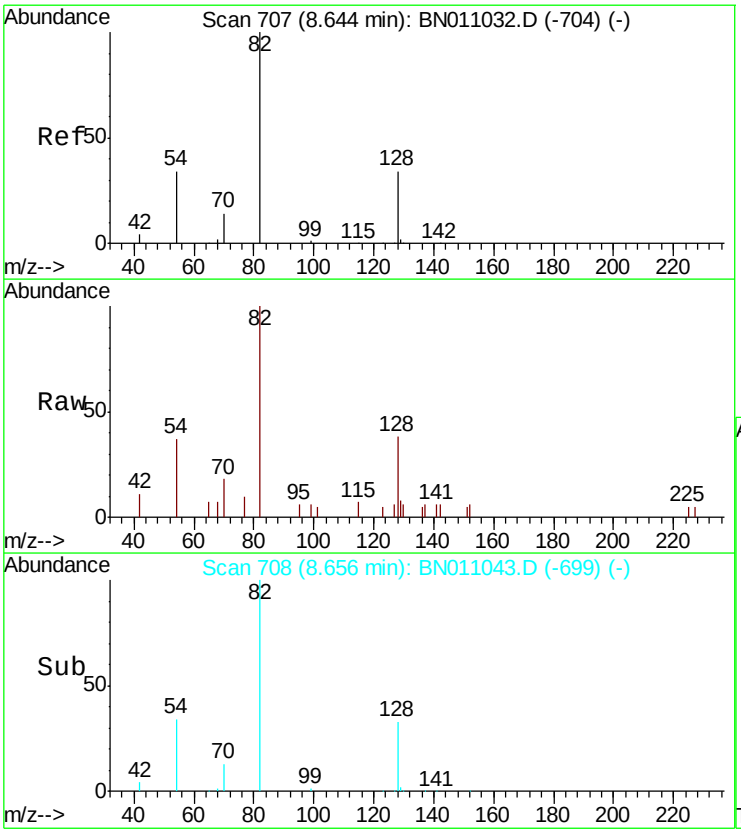
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:136 Resp: 6837

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	5.7	3.0	4.4#
68	6.4	3.4	5.2#

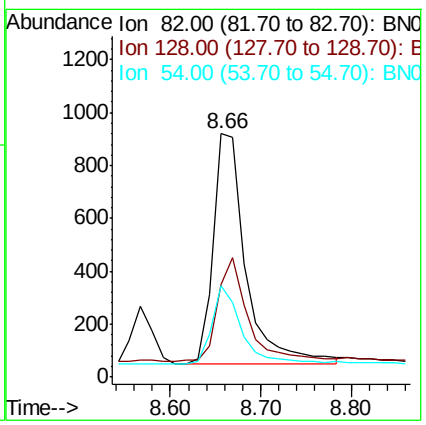


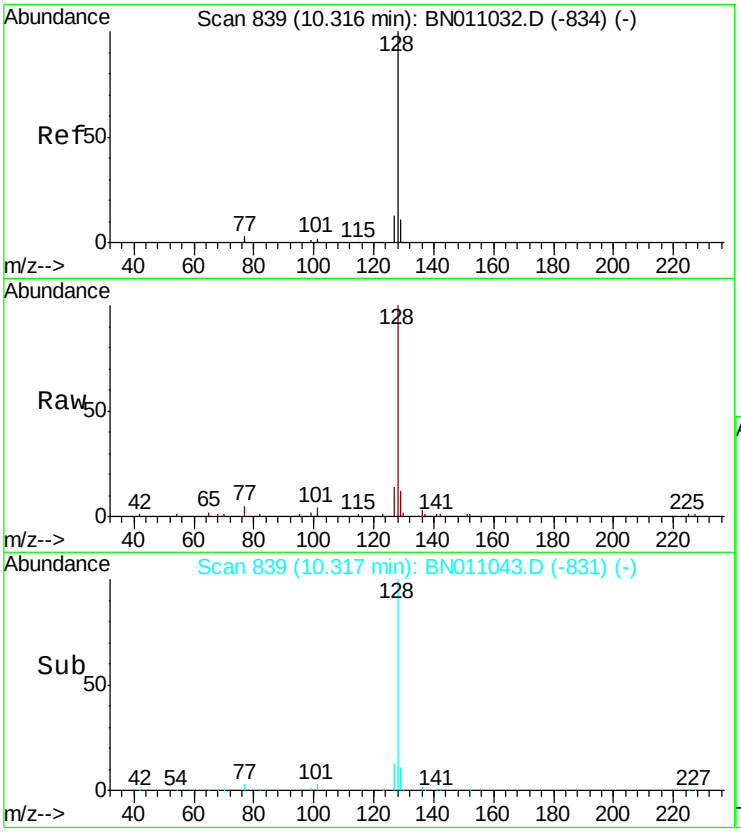


#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion: 82 Resp: 2152

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	37.2	28.8	43.2



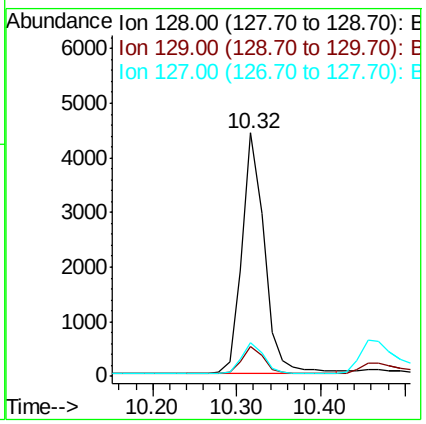


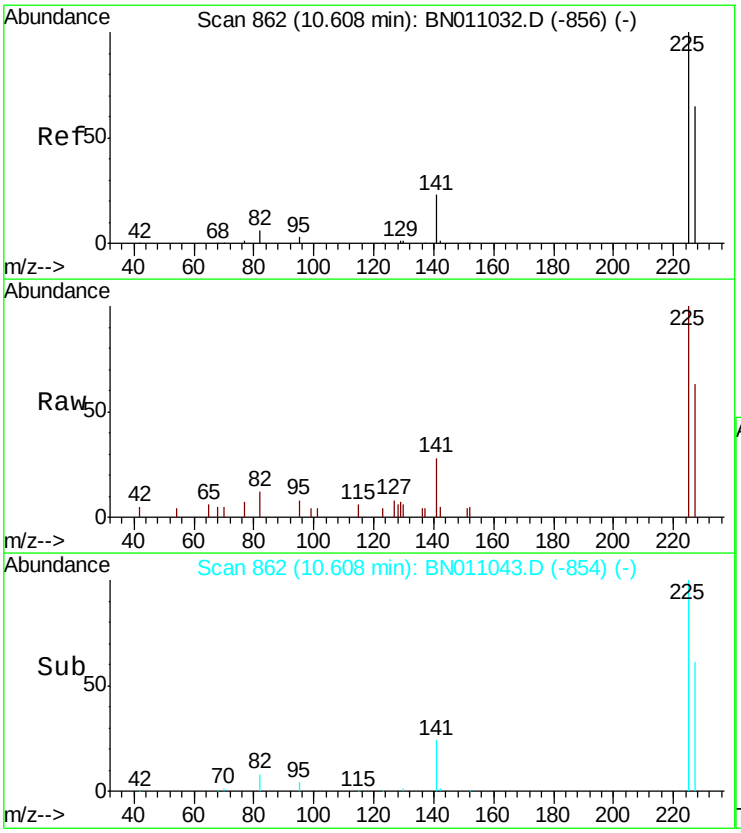
#9
Naphthalene
Concen: 0.392 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:128 Resp: 8133

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	13.8	10.9	16.3

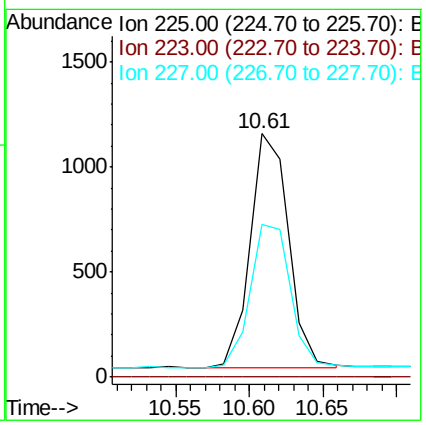


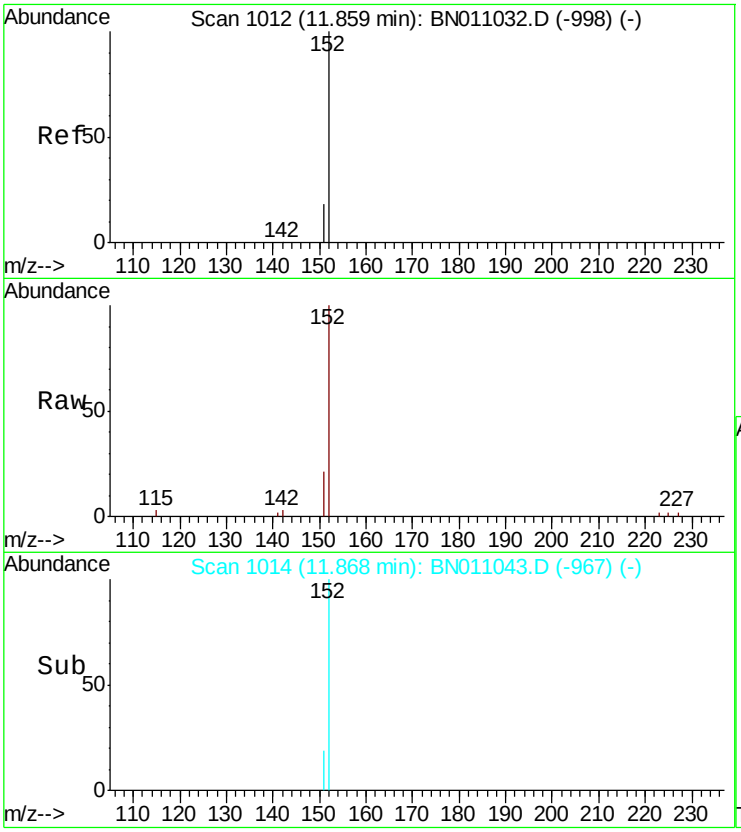


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.61 min Scan# 862
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:225 Resp: 2018

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.7	77.5



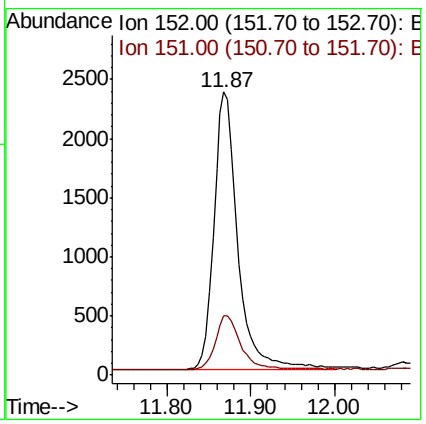


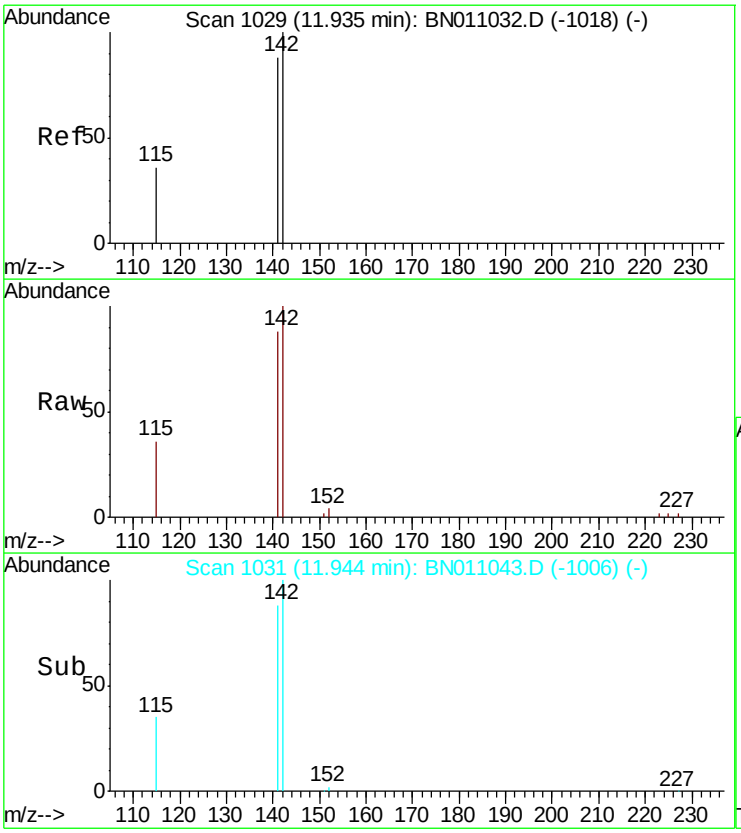
#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 11.87 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:152 Resp: 4665

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

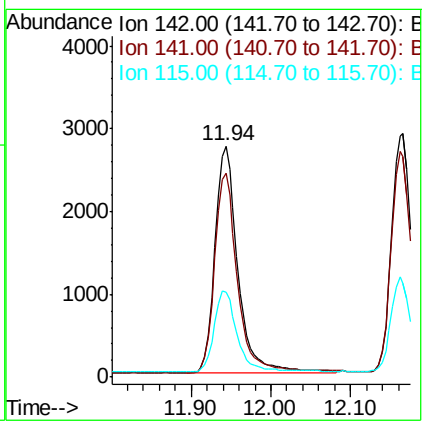


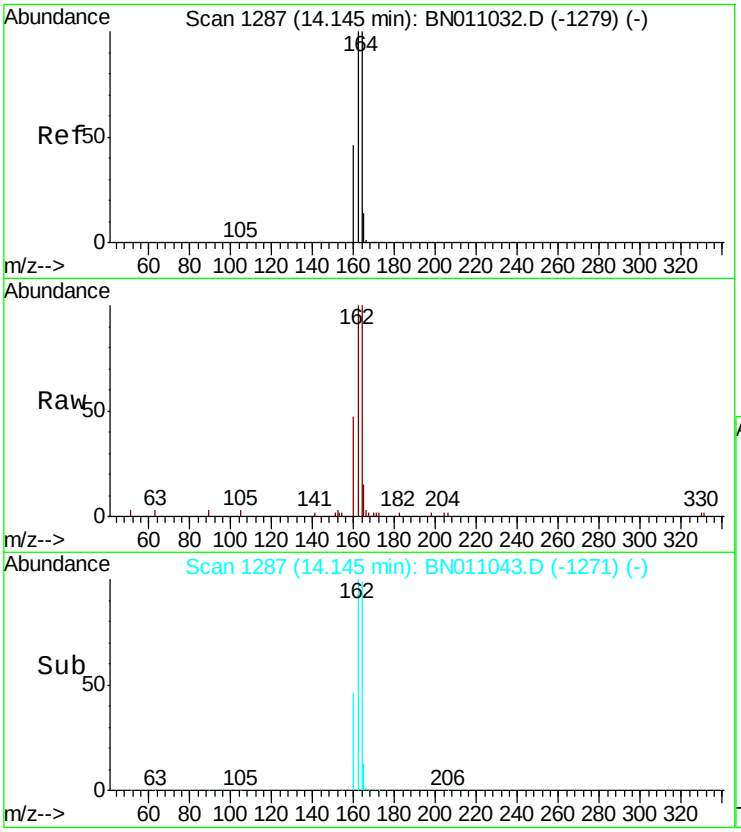


#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 11.94 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:142 Resp: 5408

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.6	106.0
115	36.4	30.2	45.2



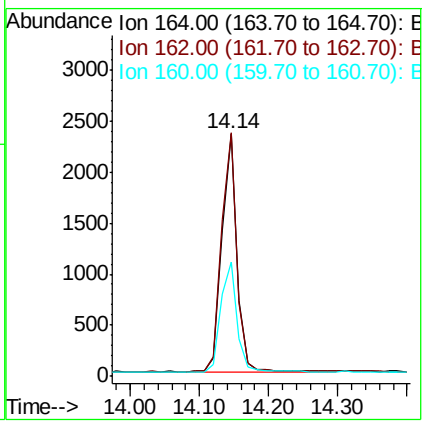


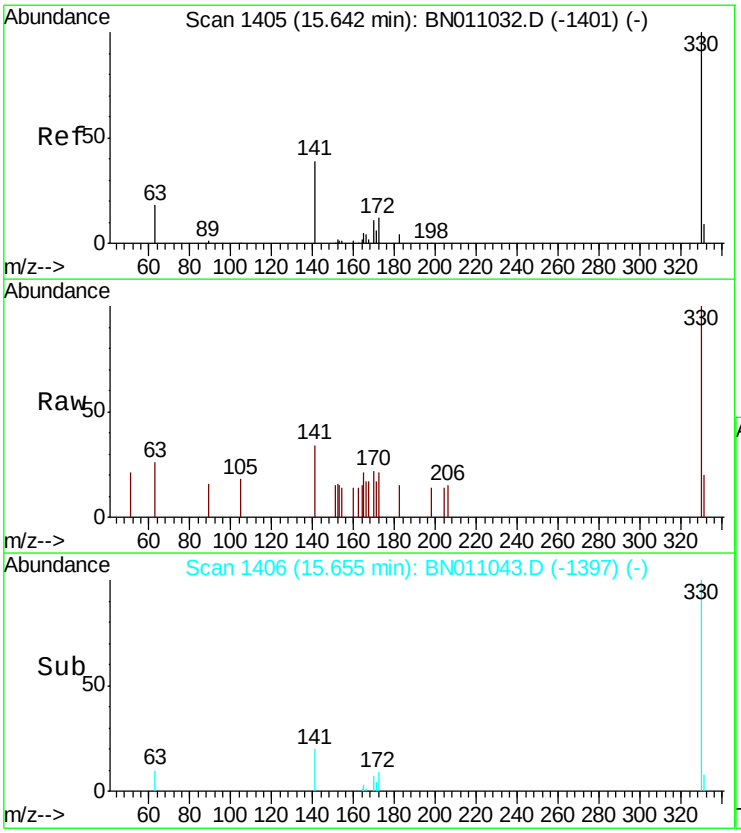
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument : BNA_N
ClientSampleId : PB129663BSD

Tgt Ion:164 Resp: 3587

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.4
160	47.4	37.7	56.5

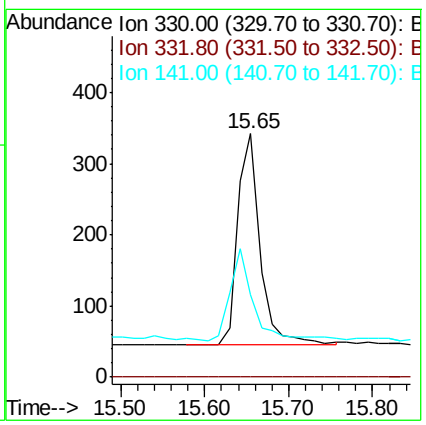


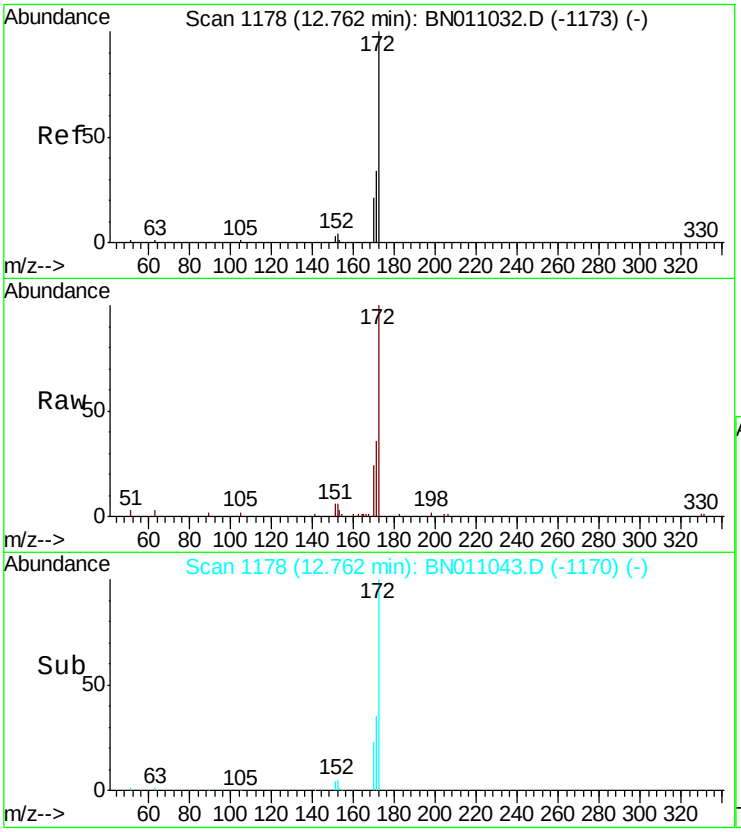


#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.65 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:330 Resp: 556

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.0	34.5	51.7



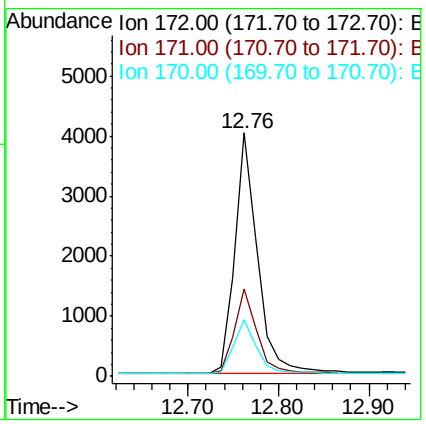


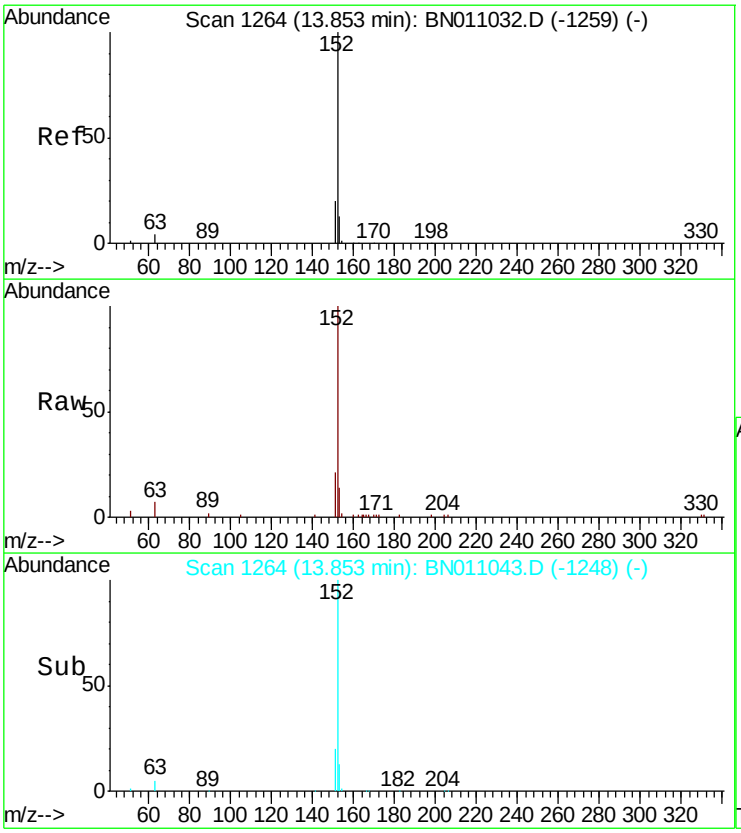
#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:172 Resp: 7002

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.4	41.2
170	23.5	17.5	26.3

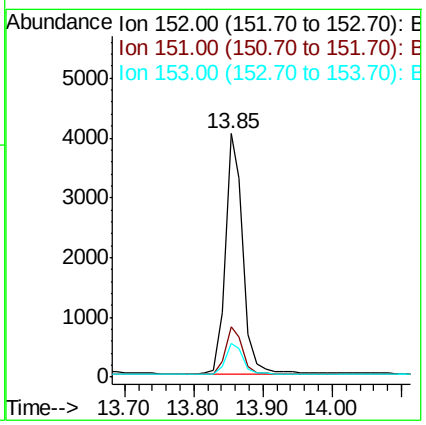


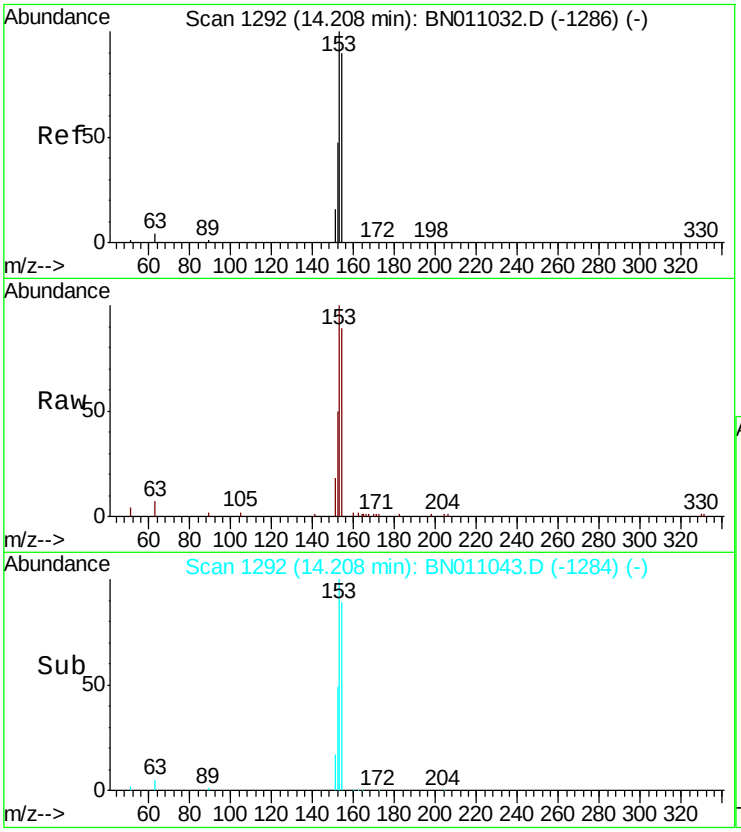


#16
Acenaphthylene
Concen: 0.400 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:152 Resp: 7231

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



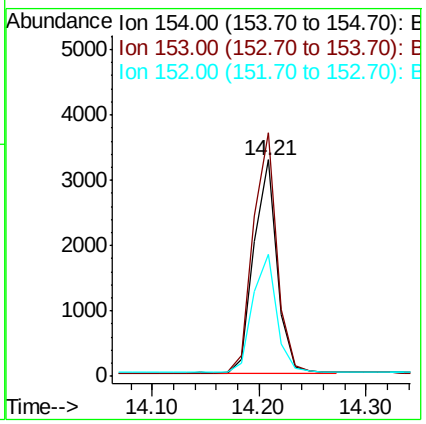


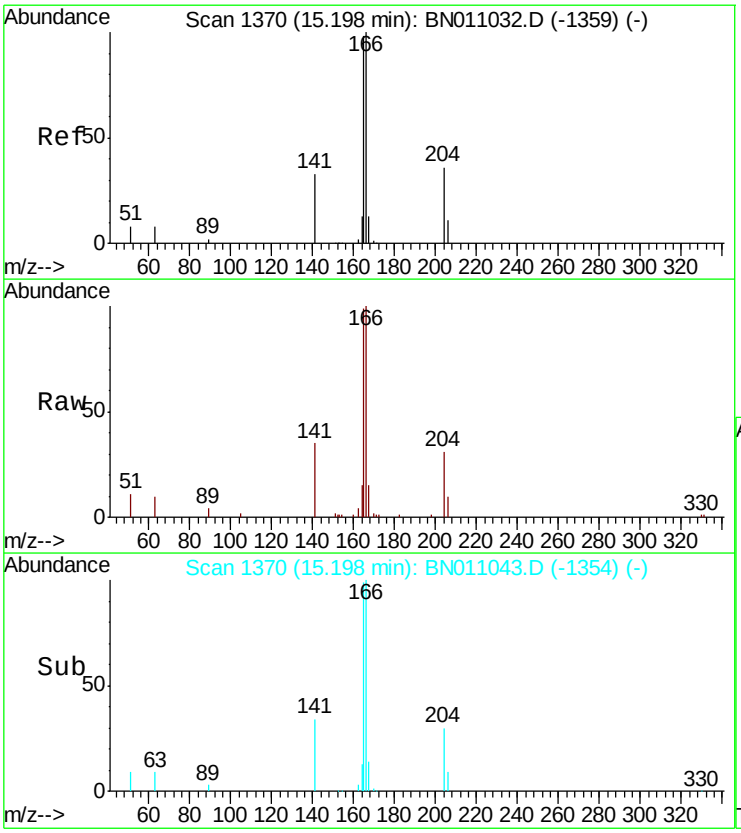
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.21 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:154 Resp: 4960

Ion	Ratio	Lower	Upper
154	100		
153	116.2	92.3	138.5
152	57.5	45.5	68.3

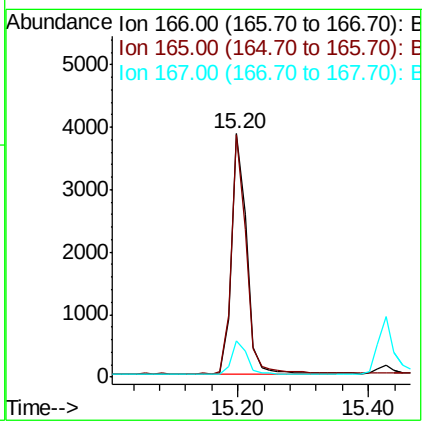


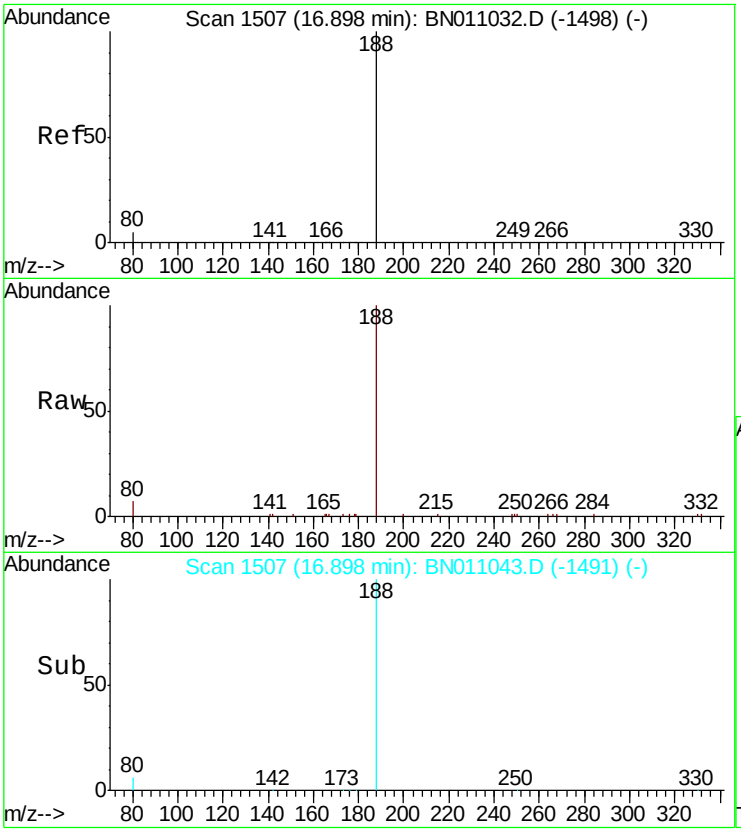


#18
Fluorene
Concen: 0.399 ng
RT: 15.20 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:166 Resp: 6180

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.8
167	13.8	10.8	16.2



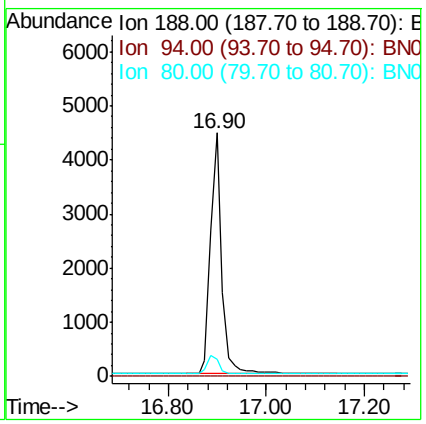


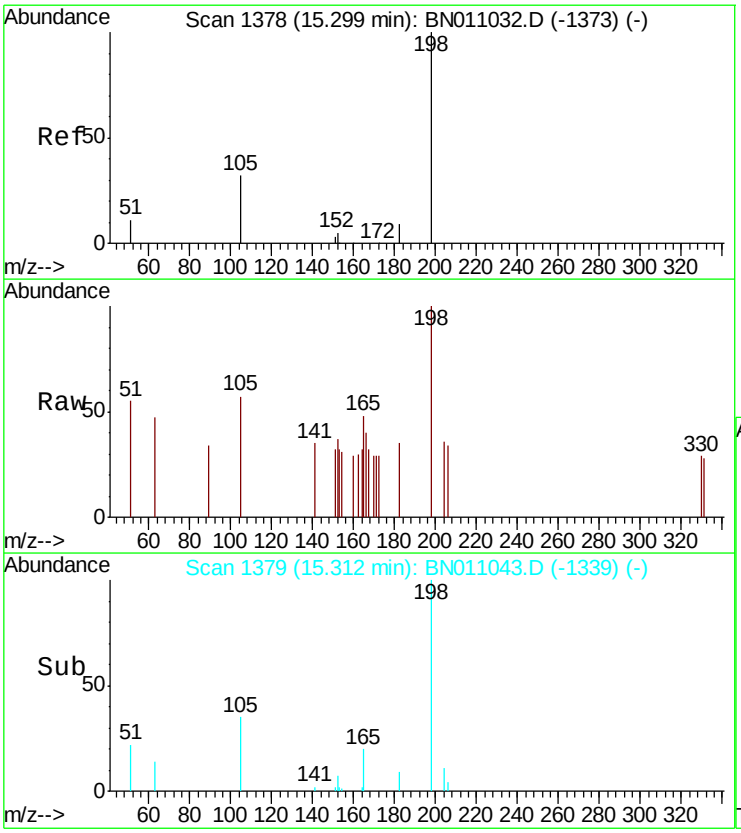
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:188 Resp: 7110

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	4.6	7.0

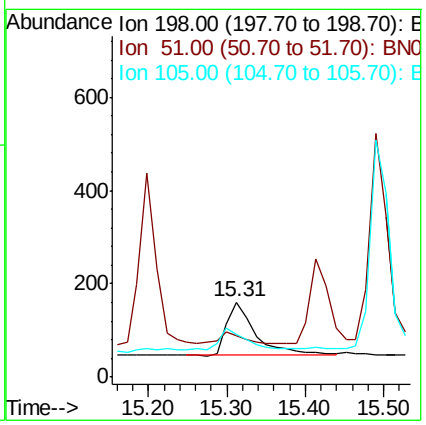


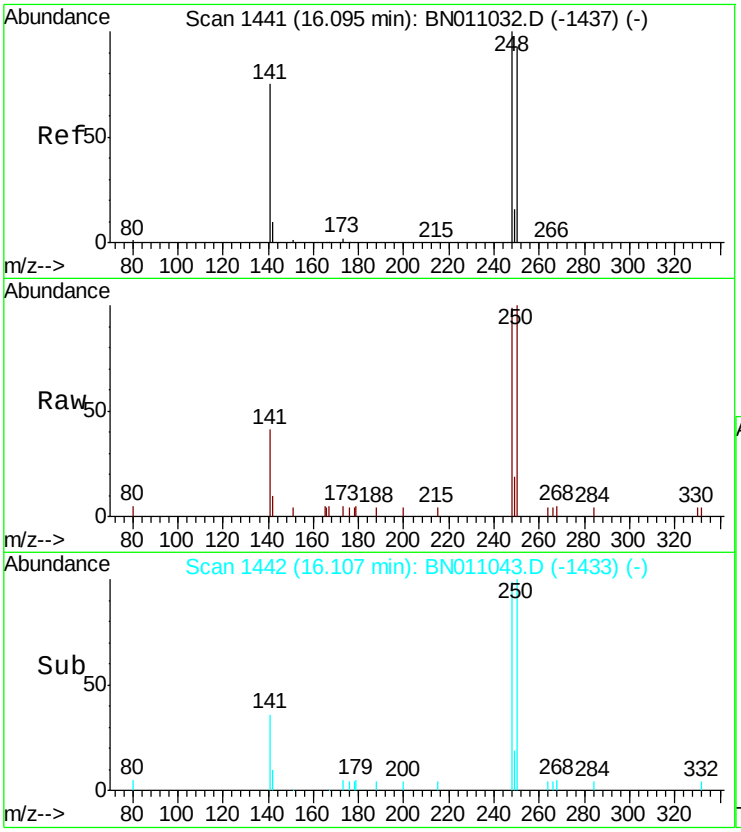


#20
4,6-Dinitro-2-methylphenol
Concen: 0.254 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:198 Resp: 302

Ion	Ratio	Lower	Upper
198	100		
51	54.7	29.5	44.3#
105	57.1	39.2	58.8



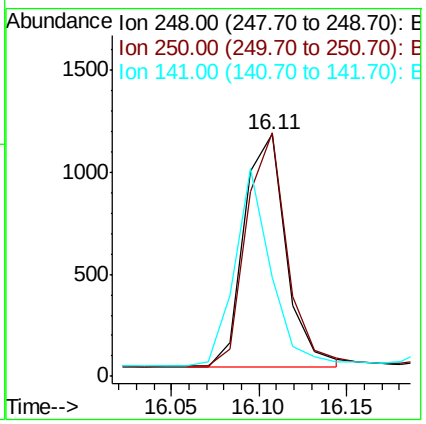


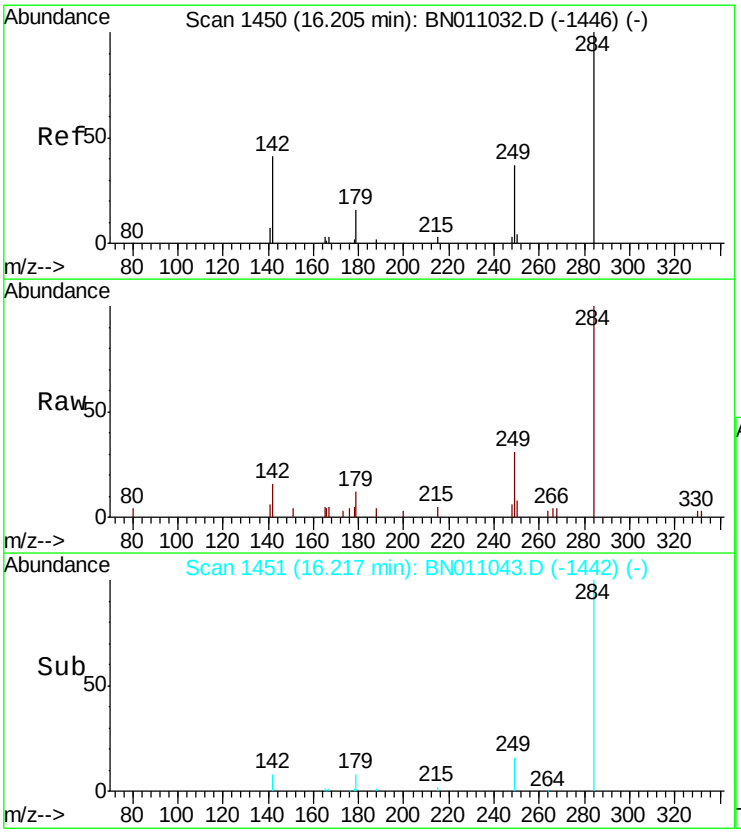
#21
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.11 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:248 Resp: 1932

Ion	Ratio	Lower	Upper
248	100		
250	100.5	74.6	111.8
141	41.1	60.9	91.3#

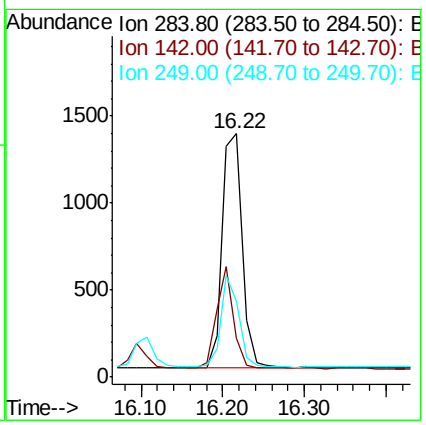


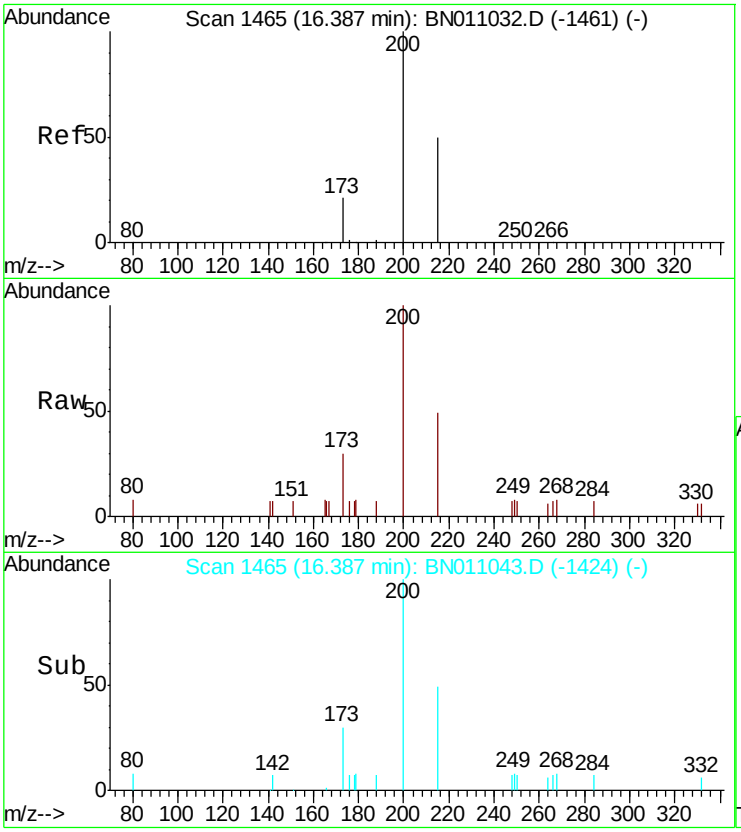


#22
Hexachlorobenzene
Concen: 0.427 ng
RT: 16.22 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:284 Resp: 2319

Ion	Ratio	Lower	Upper
284	100		
142	35.9	30.4	45.6
249	33.2	27.0	40.4



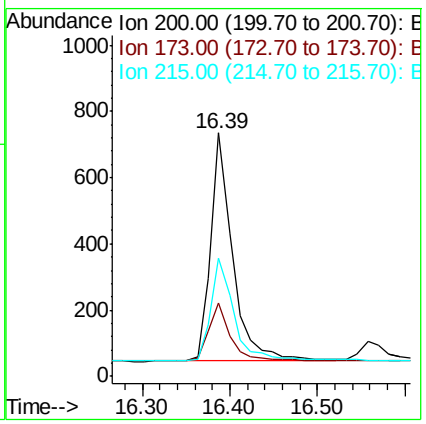


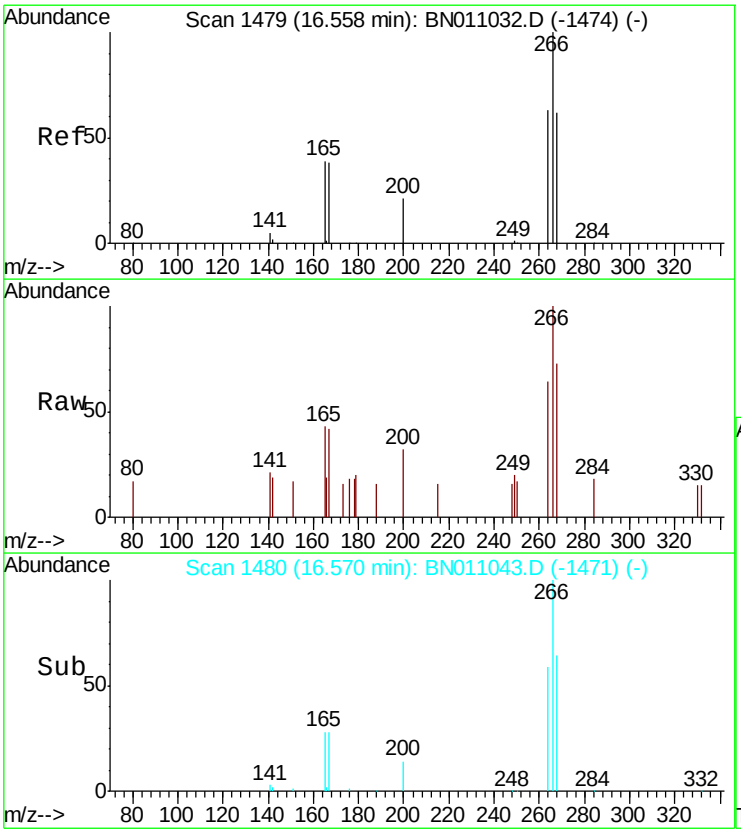
#23
Atrazine
Concen: 0.332 ng
RT: 16.39 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:200 Resp: 1206

Ion	Ratio	Lower	Upper
200	100		
173	30.1	19.4	29.2#
215	48.7	41.5	62.3

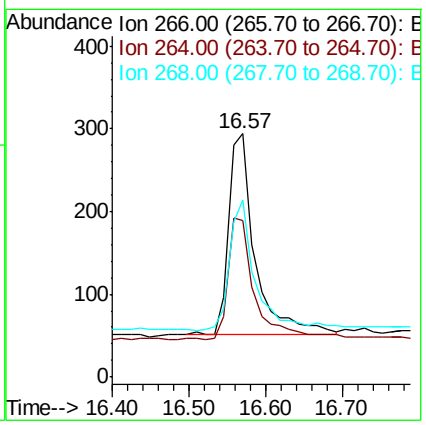


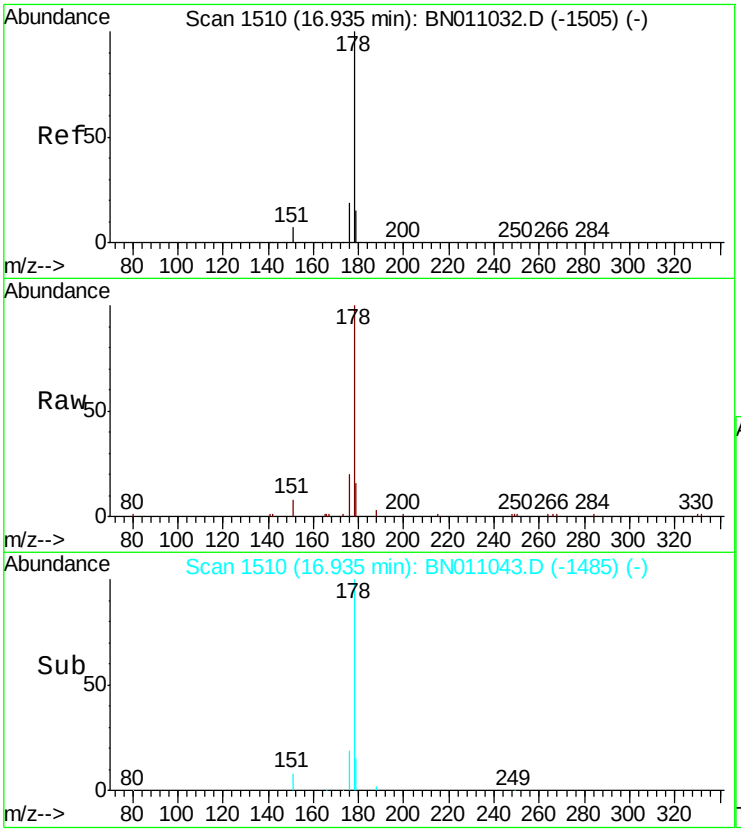


#24
Pentachlorophenol
Concen: 0.332 ng
RT: 16.57 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:266 Resp: 570

Ion	Ratio	Lower	Upper
266	100		
264	67.7	51.4	77.0
268	63.7	54.9	82.3



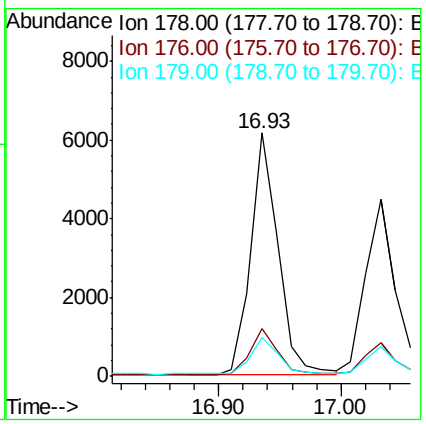


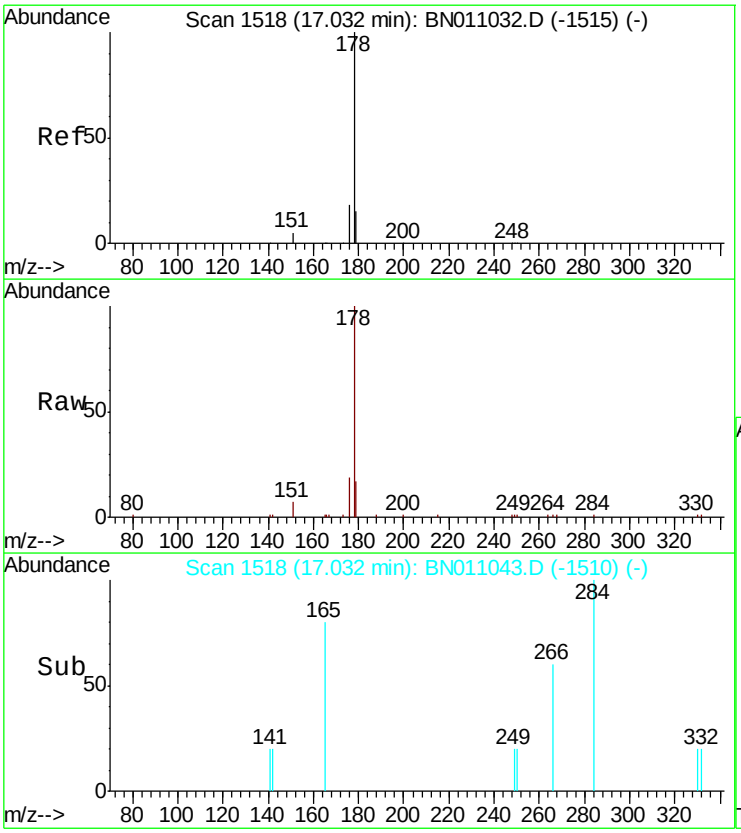
#25
Phenanthrene
Concen: 0.399 ng
RT: 16.93 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:178 Resp: 9571

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.5	12.3	18.5

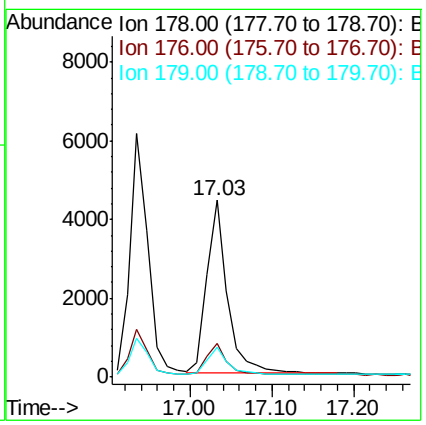


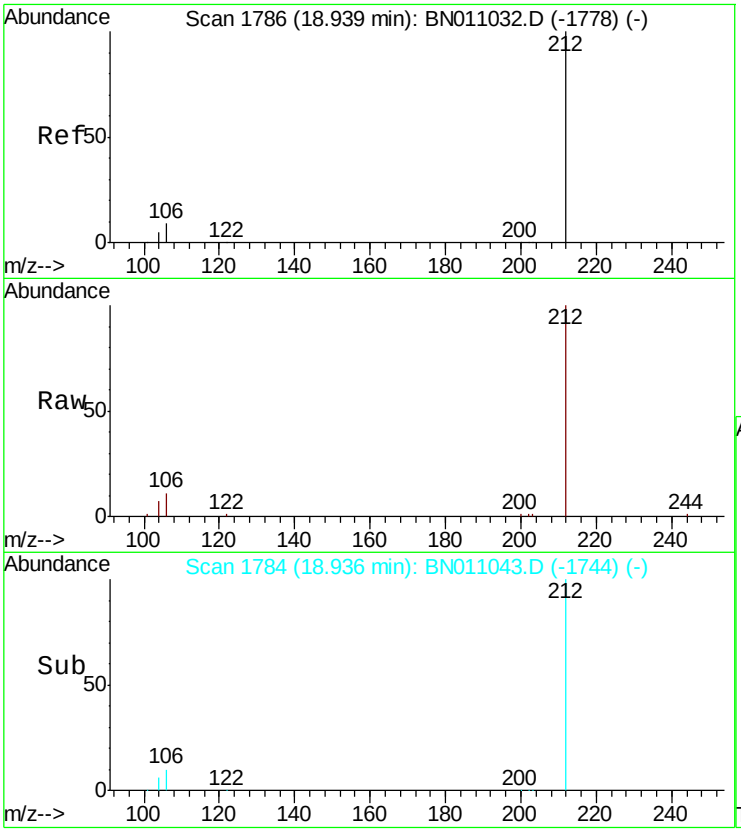


#26
Anthracene
Concen: 0.393 ng
RT: 17.03 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:178 Resp: 7818

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.5	12.2	18.4



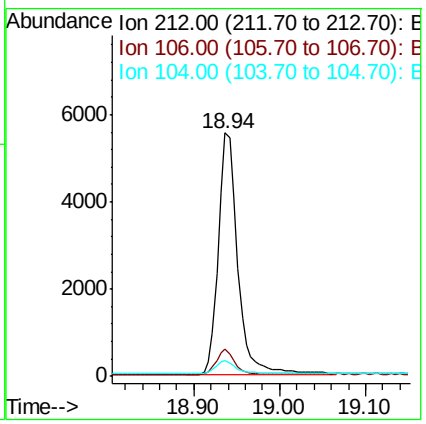


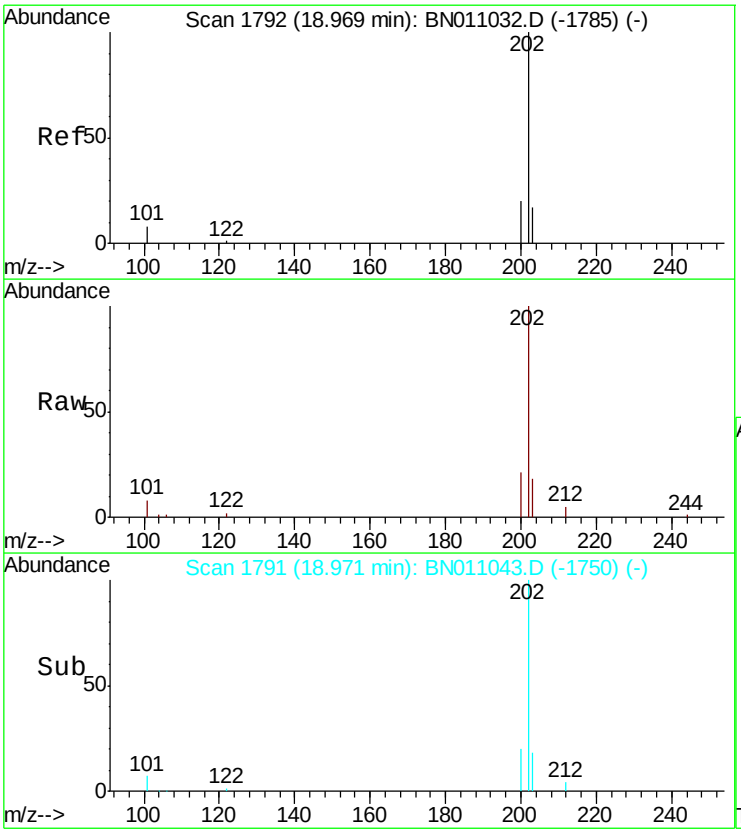
#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 18.94 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:212 Resp: 8744

Ion	Ratio	Lower	Upper
212	100		
106	9.7	7.7	11.5
104	5.4	4.6	6.8

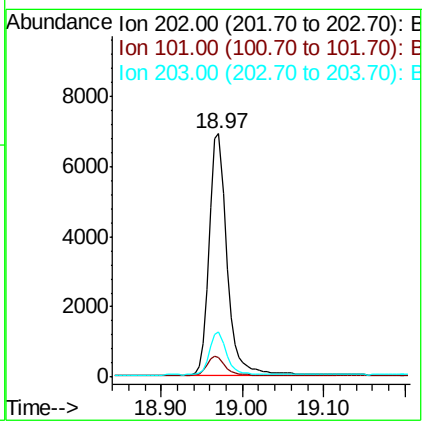


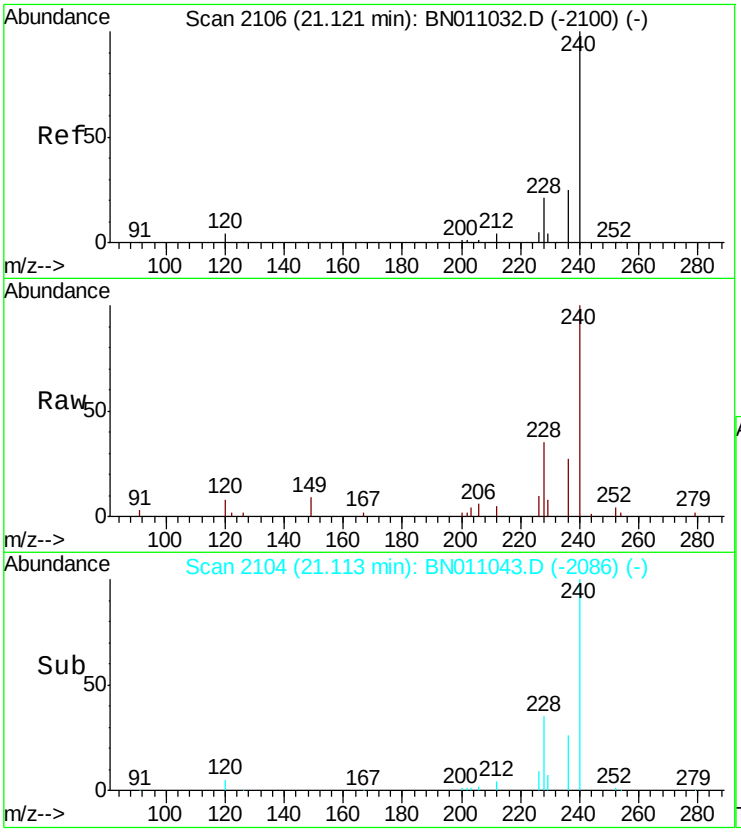


#28
Fluoranthene
Concen: 0.383 ng
RT: 18.97 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:202 Resp: 10490

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.6	10.0
203	17.0	13.8	20.6



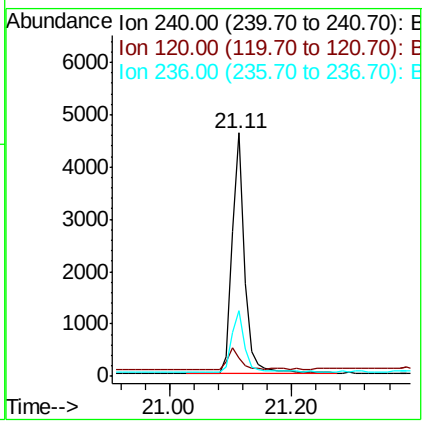


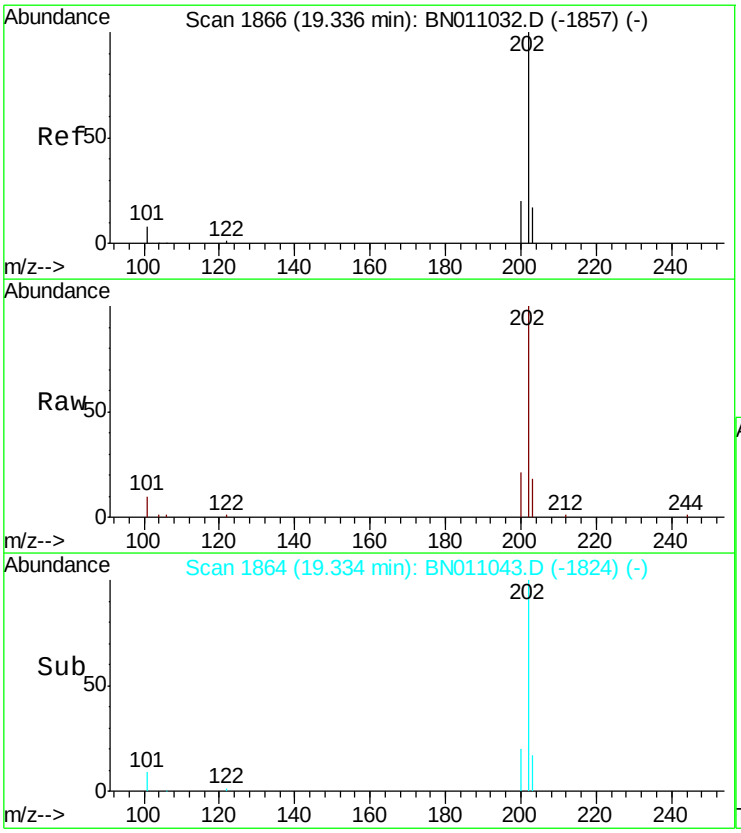
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:240 Resp: 6692

Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.4	8.0
236	26.8	21.4	32.2

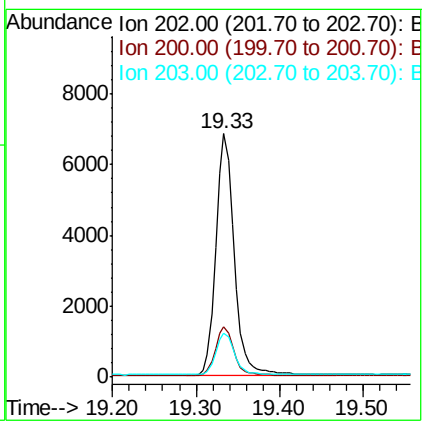


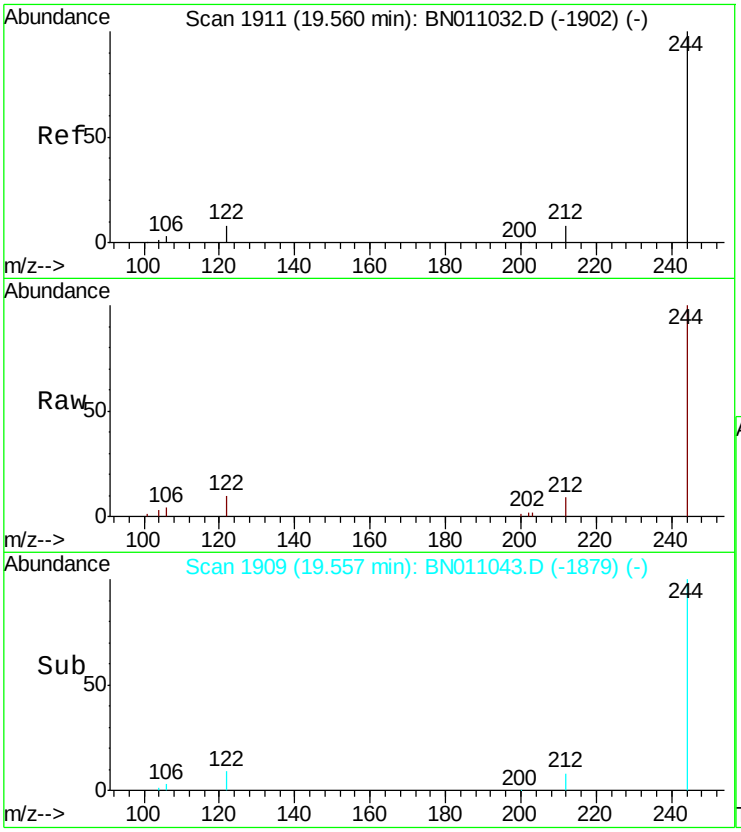


#30
Pyrene
Concen: 0.405 ng
RT: 19.33 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:202 Resp: 10424

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.5	14.2	21.2



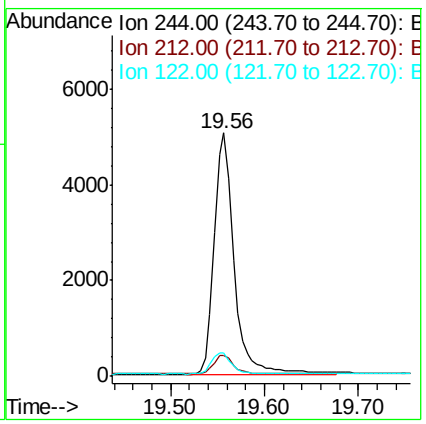


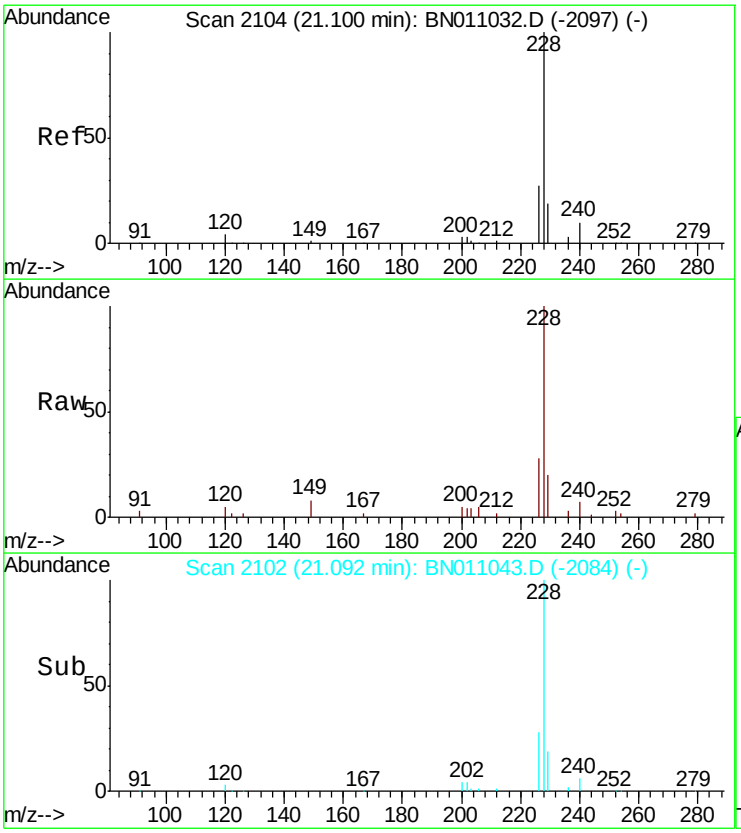
#31
Terphenyl-d14
Concen: 0.411 ng
RT: 19.56 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:244 Resp: 7394

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	9.8	7.4	11.0

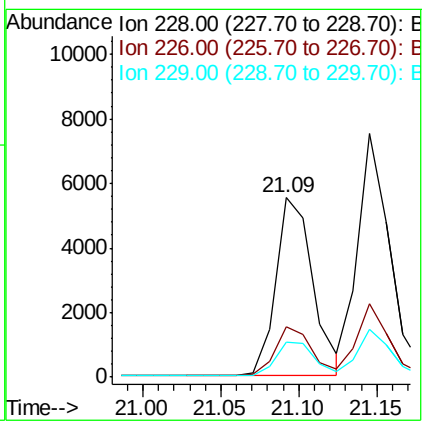


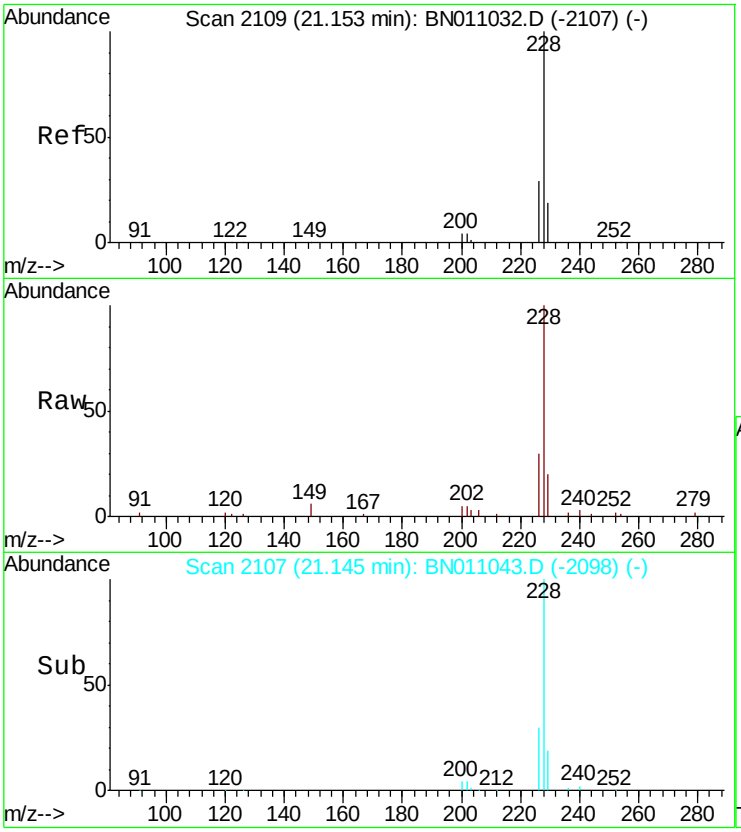


#32
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.09 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:228 Resp: 9037

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.0	33.0
229	19.8	15.9	23.9



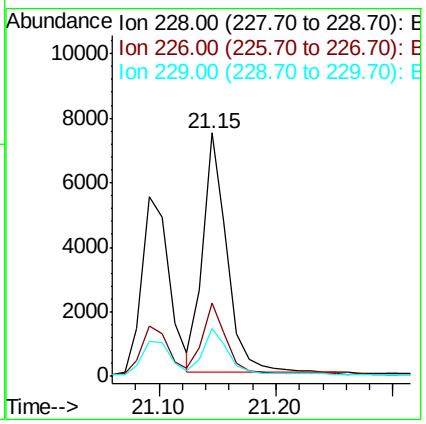


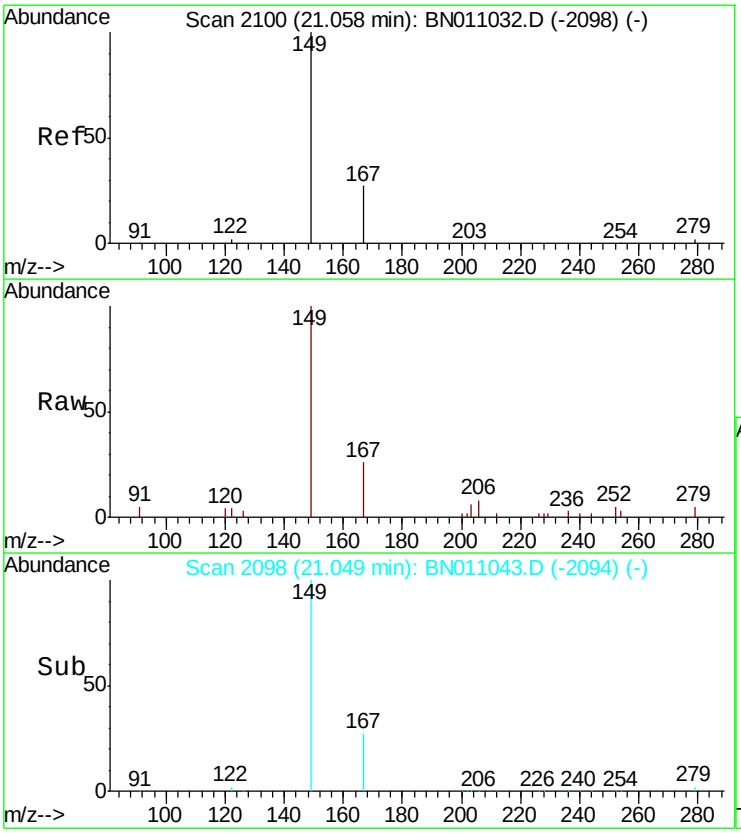
#33
Chrysene
Concen: 0.423 ng
RT: 21.15 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:228 Resp: 10692

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	19.7	15.8	23.6

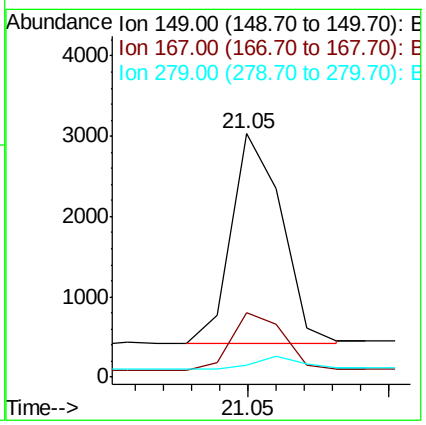


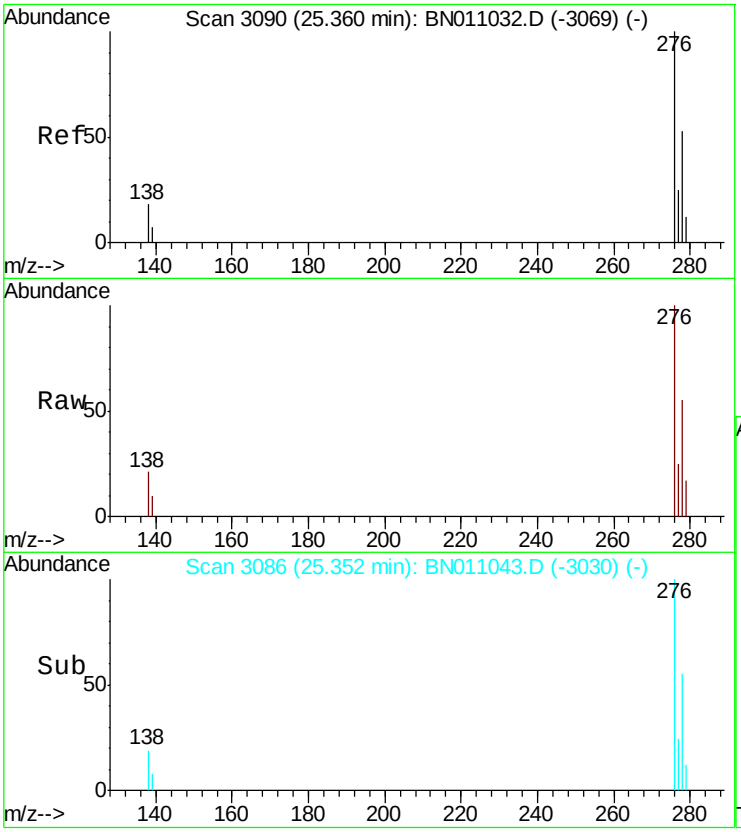


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.05 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:149 Resp: 3248

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.2
279	5.3	3.9	5.9



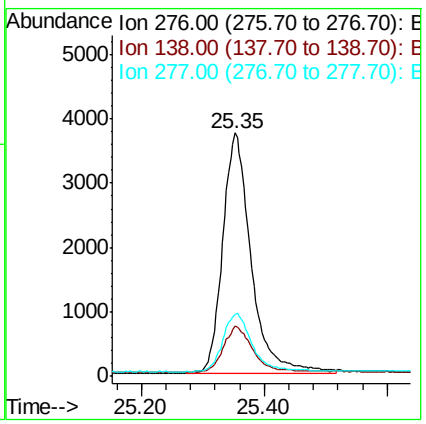


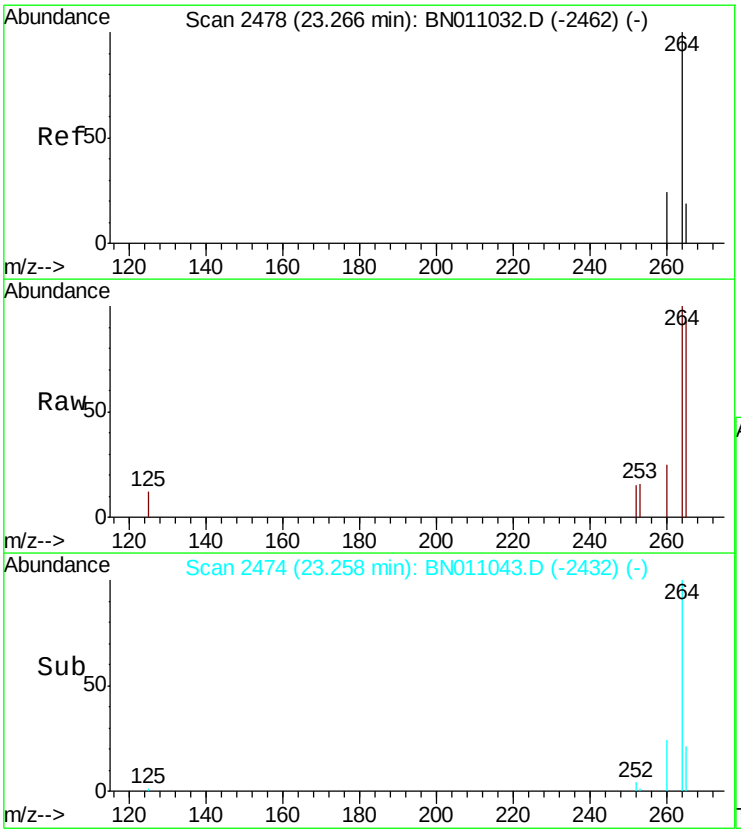
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng
RT: 25.35 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:276 Resp: 11947

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.2	24.2
277	24.9	19.9	29.9

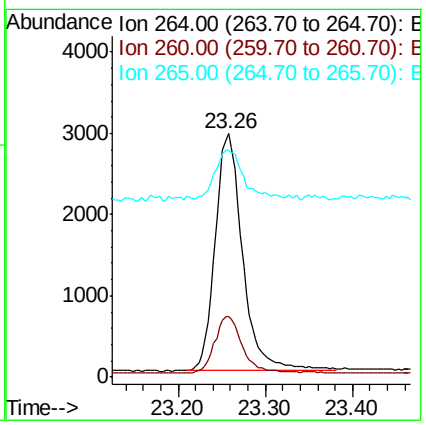


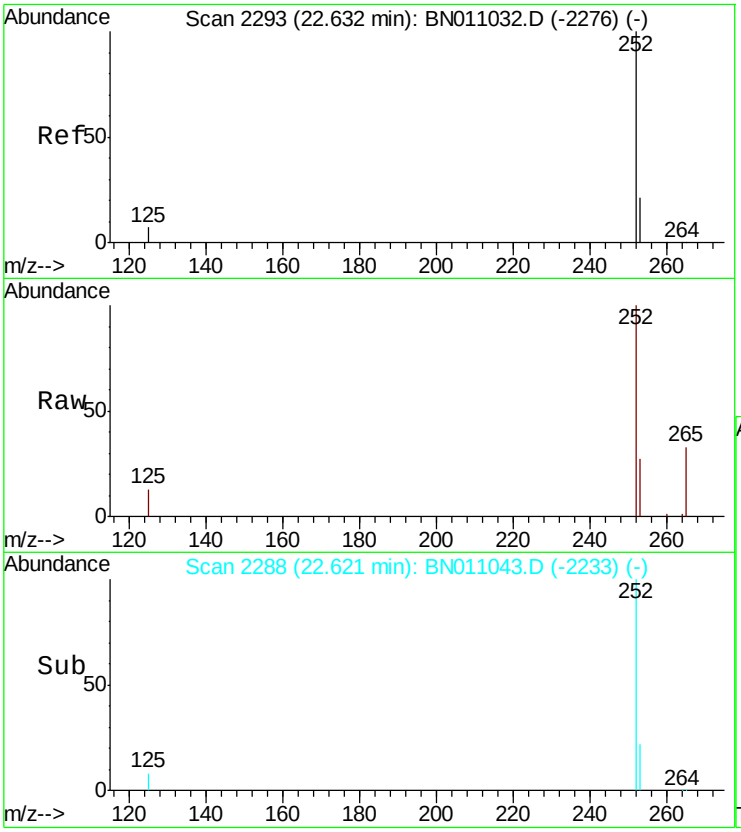


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:264 Resp: 6418

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	93.4	64.9	97.3



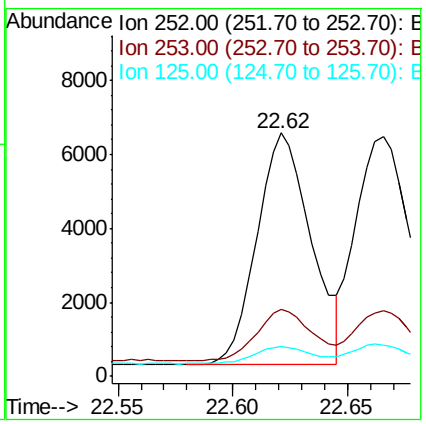


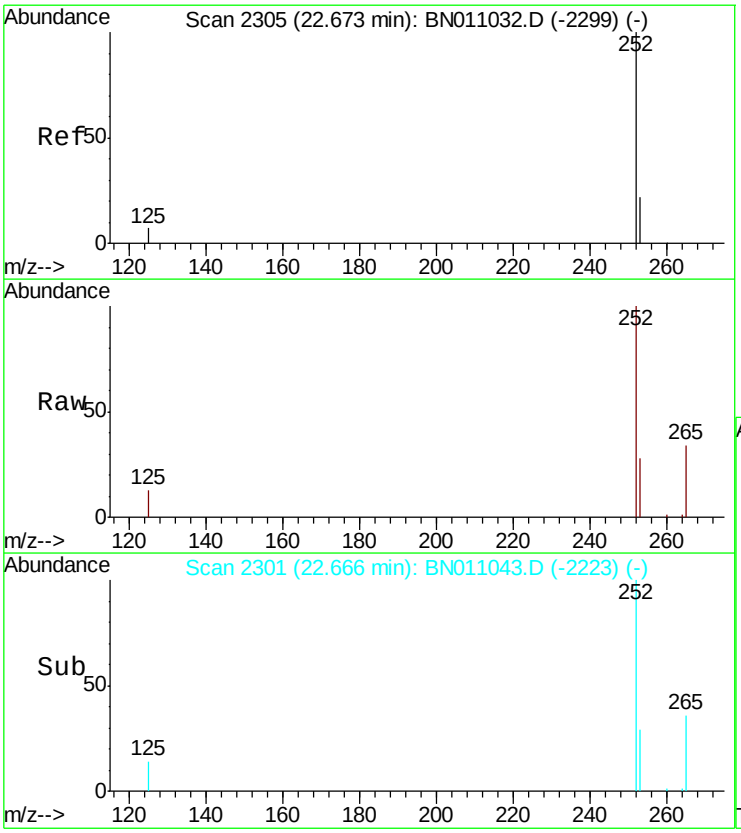
#37
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 22.62 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:252 Resp: 10305

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.4	32.0
125	12.5	9.3	13.9

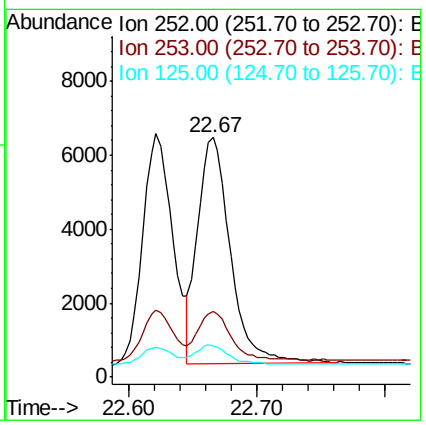


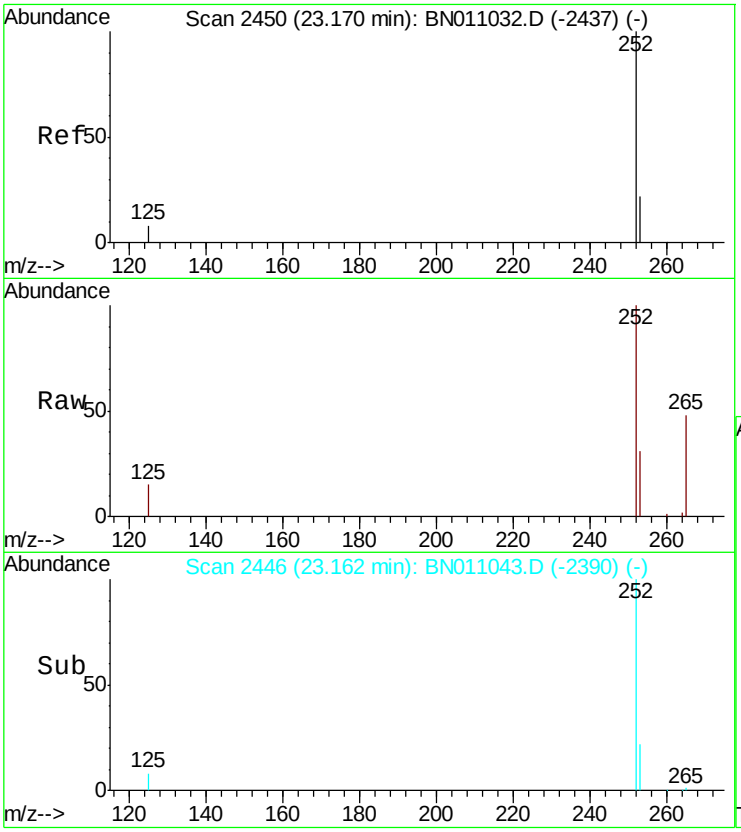


#38
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 22.67 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:252 Resp: 10821

Ion	Ratio	Lower	Upper
252	100		
253	27.5	21.8	32.6
125	13.2	9.8	14.6



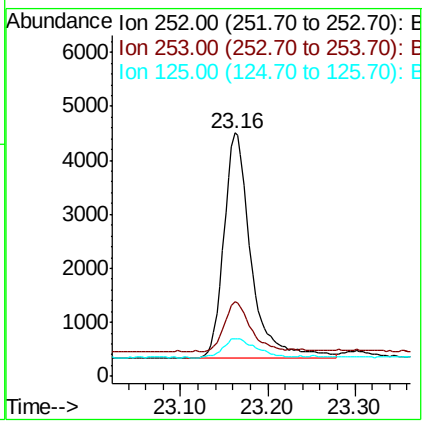


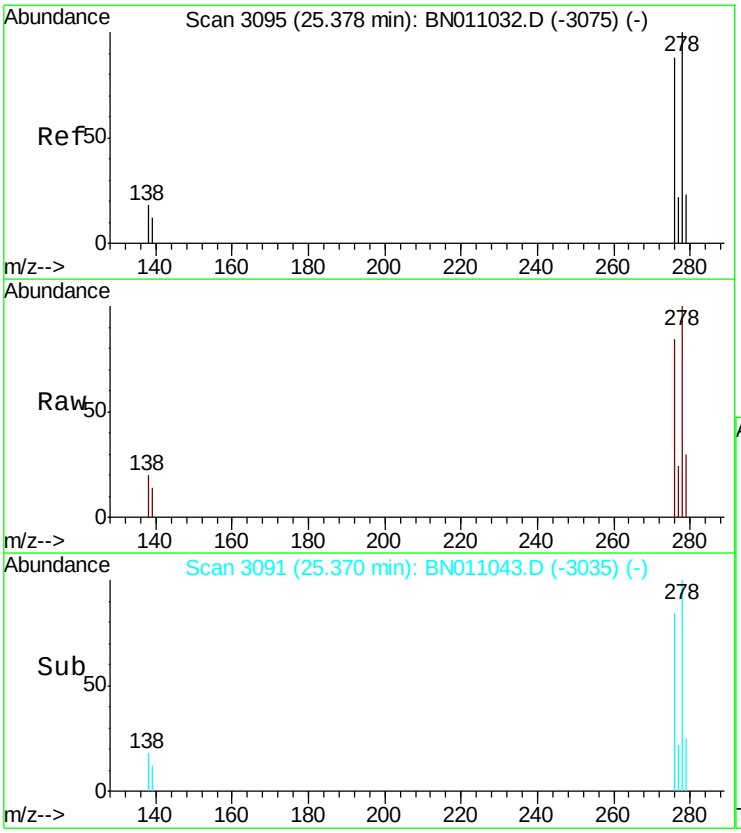
#39
Benzo(a)pyrene
Concen: 0.402 ng
RT: 23.16 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:252 Resp: 9066

Ion	Ratio	Lower	Upper
252	100		
253	30.5	23.1	34.7
125	15.5	11.2	16.8

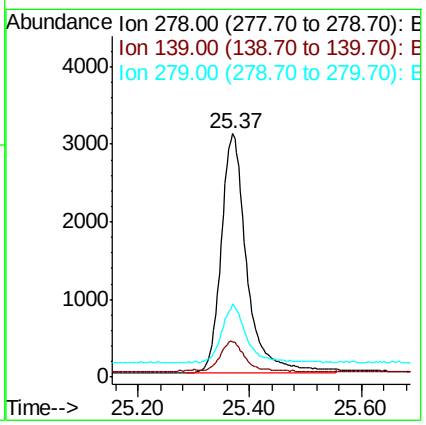


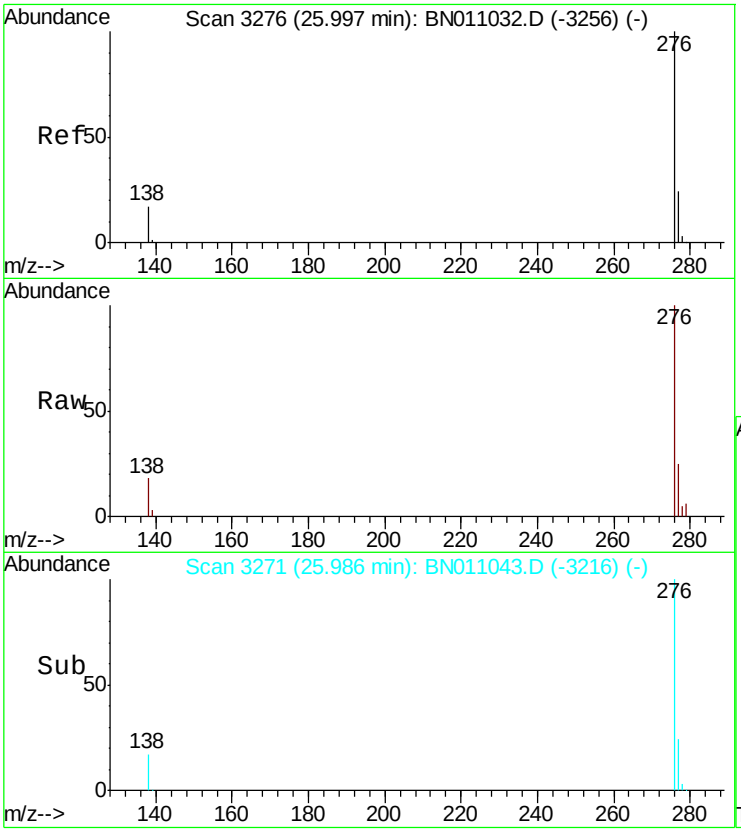


#40
Dibenzo(a,h)anthracene
Concen: 0.401 ng
RT: 25.37 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:278 Resp: 9745

Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.2	16.8
279	30.0	22.6	34.0





#41
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 25.99 min Scan# 3271
Delta R.T. -0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tgt Ion:276 Resp: 10201

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.4	30.6
138	18.4	15.1	22.7