Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071020\
Data File : BN011134.D
Acq On : 09 Jul 2020 16:14
Operator : CG/JU
Sample : PB130052BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB130052BS

Quant Time: Jul 09 16:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 15:33:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2900	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	9814	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	5733	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	10290	0.40	ng		0.00
29) Chrysene-d12	21.10	240	9105	0.40	ng		0.00
36) Perylene-d12	23.24	264	8235	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	2645	0.37	ng		0.00
5) Phenol-d6	6.72	99	2863	0.35	ng		0.00
8) Nitrobenzene-d5	8.64	82	3545	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	11.85	152	8575	0.50	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	712	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.75	172	9672	0.36	ng		0.00
27) Fluoranthene-d10	18.93	212	9433	0.30	ng		0.00
31) Terphenyl-d14	19.55	244	10495	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	622	0.152	ng	#	55
3) n-Nitrosodimethylamine	3.55	42	607	0.294	ng	#	73
6) bis(2-Chloroethyl)ether	6.96	93	2385	0.316	ng		99
9) Naphthalene	10.30	128	8380	0.286	ng		100
10) Hexachlorobutadiene	10.60	225	1970	0.265	ng	#	100
12) 2-Methylnaphthalene	11.93	142	5588	0.285	ng		98
16) Acenaphthylene	13.84	152	8319	0.289	ng		99
17) Acenaphthene	14.20	154	5222	0.268	ng		100
18) Fluorene	15.19	166	5924	0.243	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	404	0.401	ng	#	82
21) 4-Bromophenyl-phenylether	16.10	248	1800	0.263	ng	#	84
22) Hexachlorobenzene	16.20	284	2111	0.262	ng		98
23) Atrazine	16.39	200	538	0.111	ng		94
24) Pentachlorophenol	16.56	266	1463	0.674	ng		93
25) Phenanthrene	16.92	178	9084	0.273	ng		100
26) Anthracene	17.02	178	7800	0.283	ng		98
28) Fluoranthene	18.96	202	10526	0.281	ng		99
30) Pyrene	19.32	202	10299	0.303	ng		99
32) Benzo(a)anthracene	21.09	228	8843	0.291	ng		99
33) Chrysene	21.13	228	10764	0.308	ng		98
34) Bis(2-ethylhexyl)phthalate	21.05	149	3520	0.286	ng		99
35) Indeno(1,2,3-cd)pyrene	25.34	276	12049	0.330	ng		99
37) Benzo(b)fluoranthene	22.61	252	9697	0.294	ng		98
38) Benzo(k)fluoranthene	22.66	252	10908	0.309	ng		98
39) Benzo(a)pyrene	23.15	252	8030	0.282	ng		98
40) Dibenzo(a,h)anthracene	25.36	278	9767	0.335	ng		98
41) Benzo(g,h,i)perylene	25.97	276	10553	0.329	ng		98

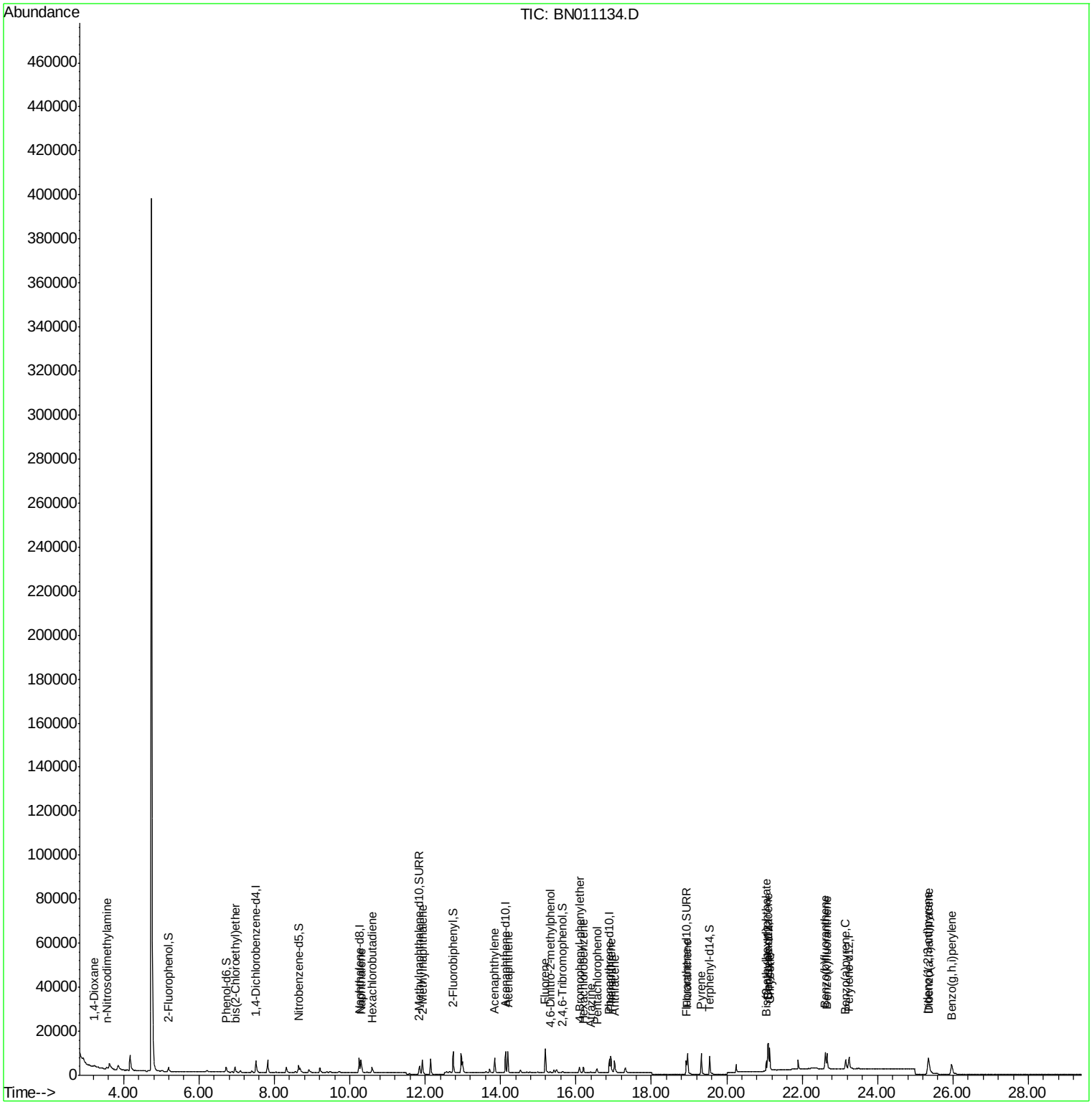
(#) = qualifier out of range (m) = manual integration (+) = signals summed

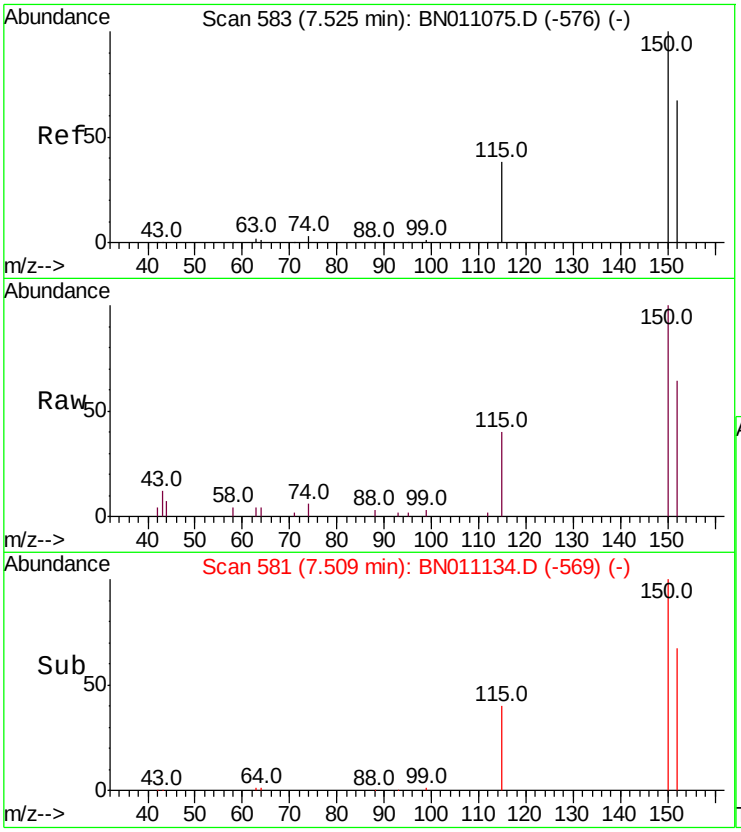
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071020\
Data File : BN011134.D
Acq On : 09 Jul 2020 16:14
Operator : CG/JU
Sample : PB130052BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Quant Time: Jul 09 16:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 15:33:27 2020
Response via : Initial Calibration



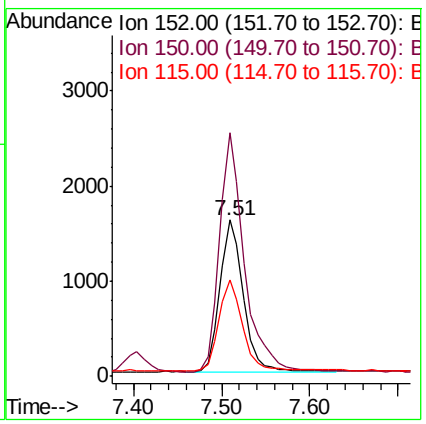


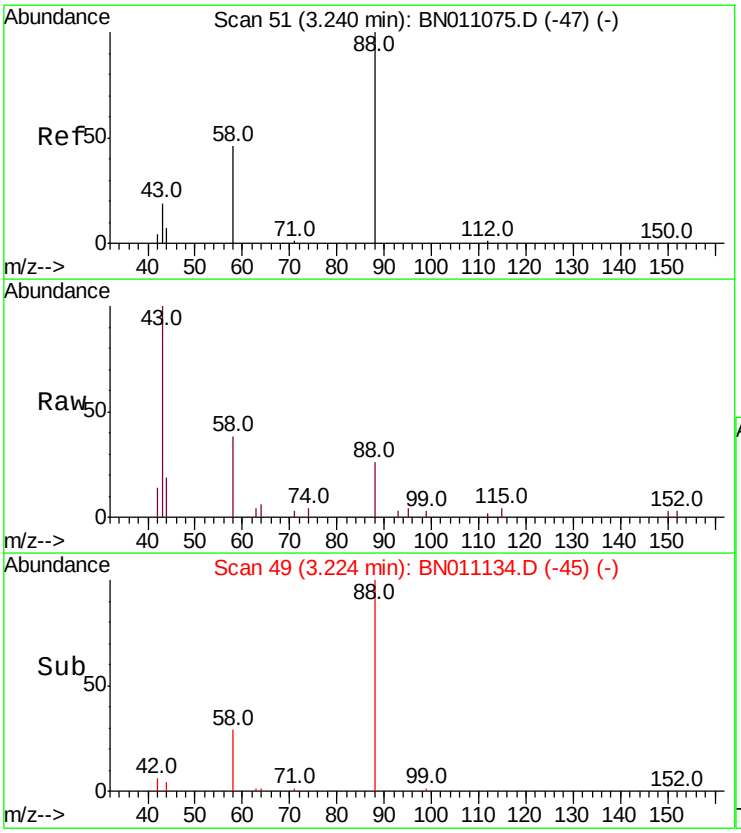
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:152 Resp: 2900

Ion	Ratio	Lower	Upper
152	100		
150	156.0	117.4	176.0
115	61.9	47.9	71.9

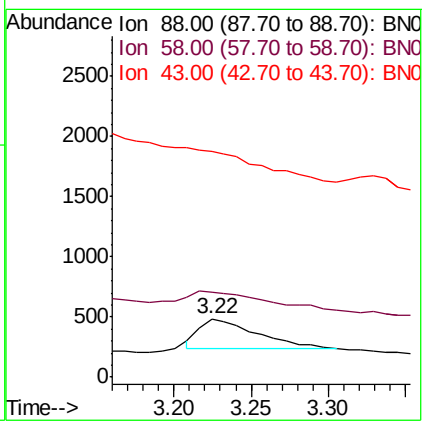


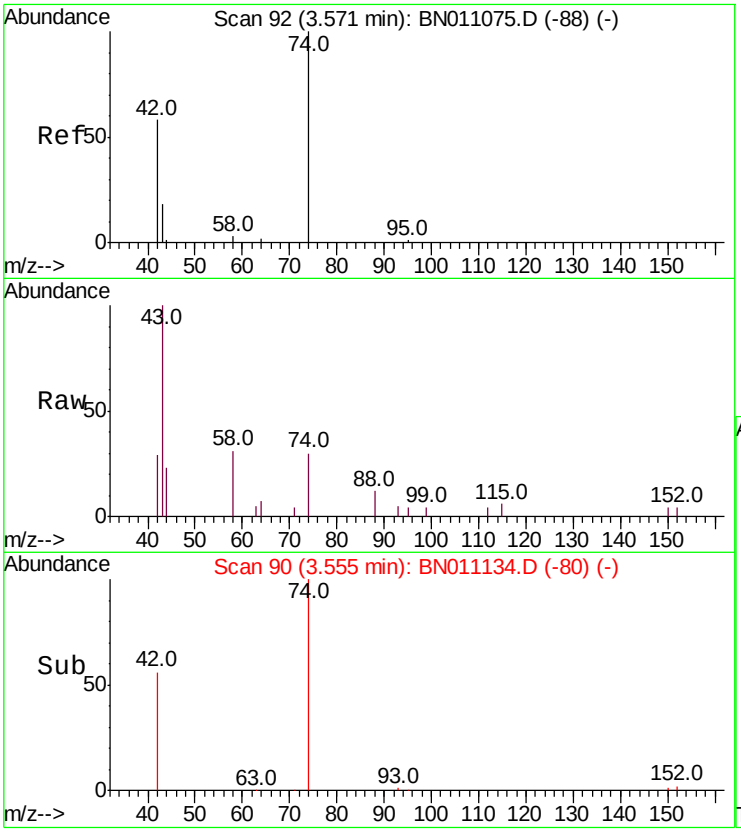


#2
1,4-Dioxane
Concen: 0.152 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.02 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion: 88 Resp: 622

Ion	Ratio	Lower	Upper
88	100		
58	79.4	38.6	57.8#
43	0.0	15.4	23.0#



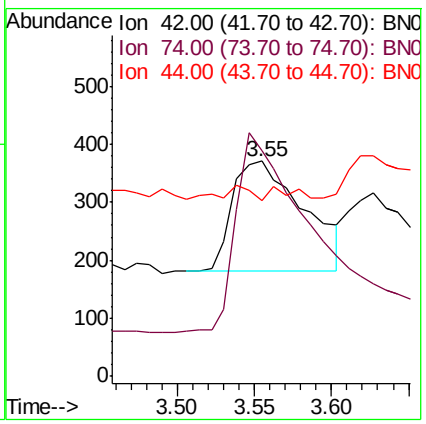


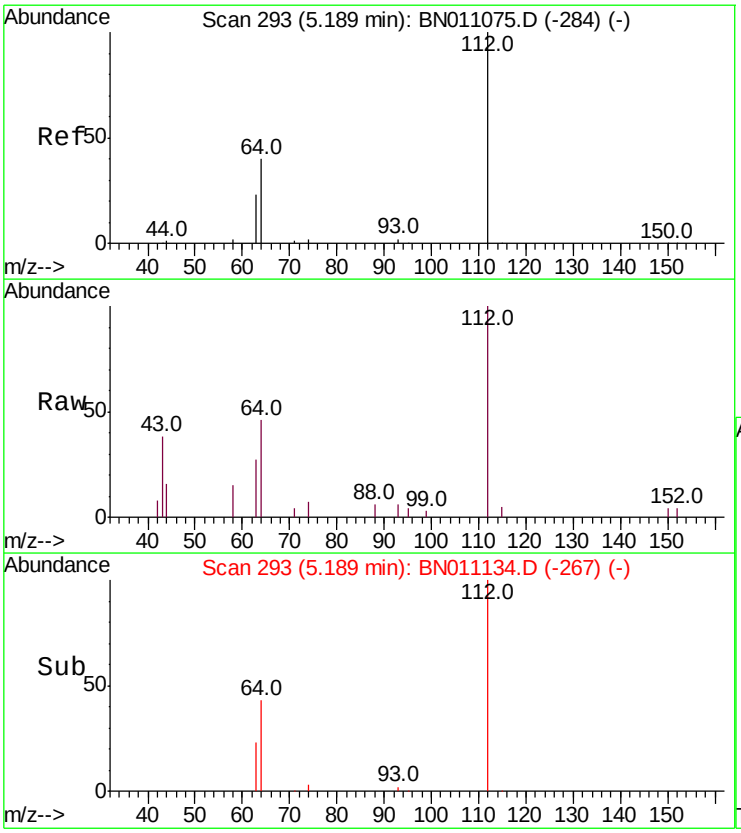
#3
n-Nitrosodimethylamine
Concen: 0.294 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion: 42 Resp: 607

Ion	Ratio	Lower	Upper
42	100		
74	216.6	142.5	213.7#
44	5.3	0.0	0.0#

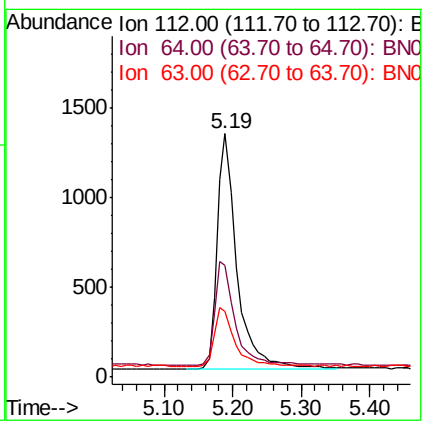


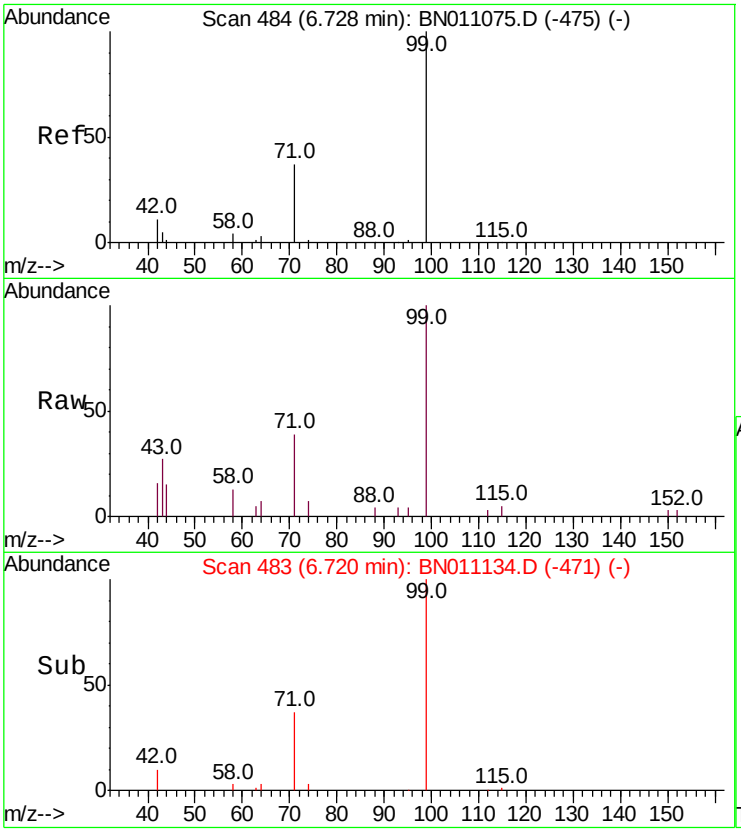


#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:112 Resp: 2645

Ion	Ratio	Lower	Upper
112	100		
64	45.0	36.5	54.7
63	26.5	20.6	30.8



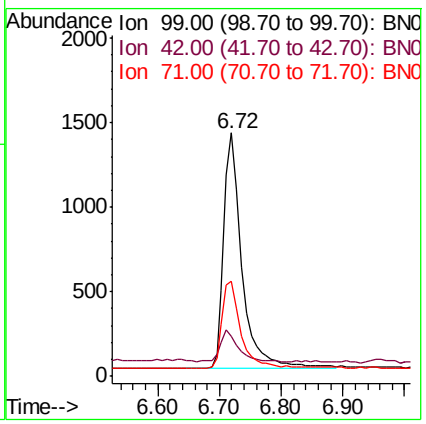


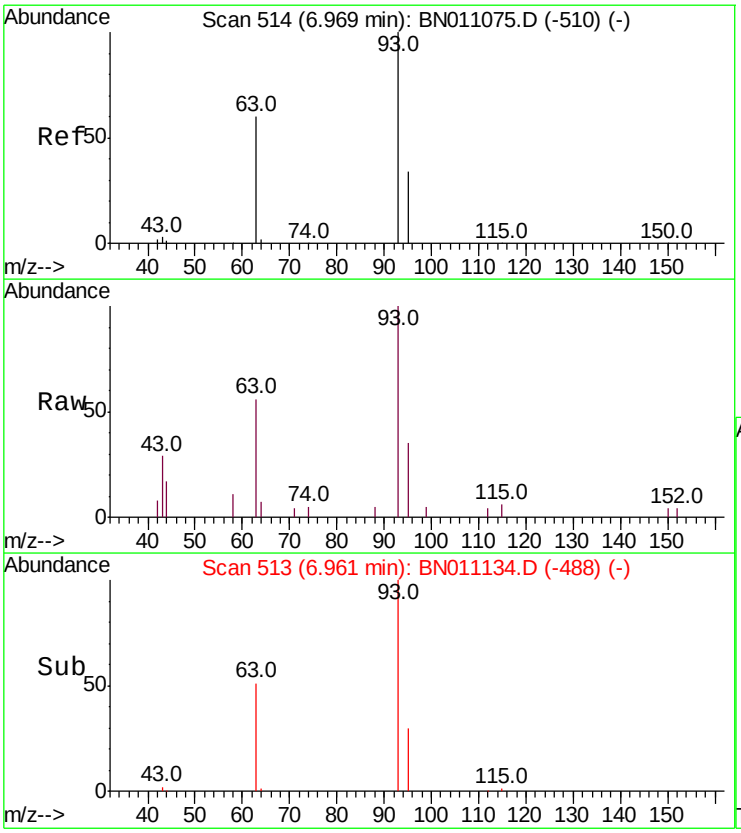
#5
Phenol-d6
Concen: 0.345 ng
RT: 6.72 min Scan# 483
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion: 99 Resp: 2863

Ion	Ratio	Lower	Upper
99	100		
42	13.1	9.8	14.8
71	38.7	30.7	46.1

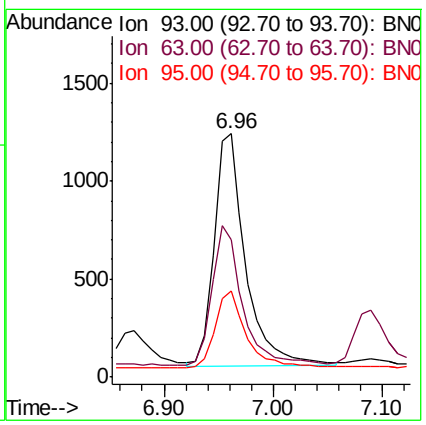


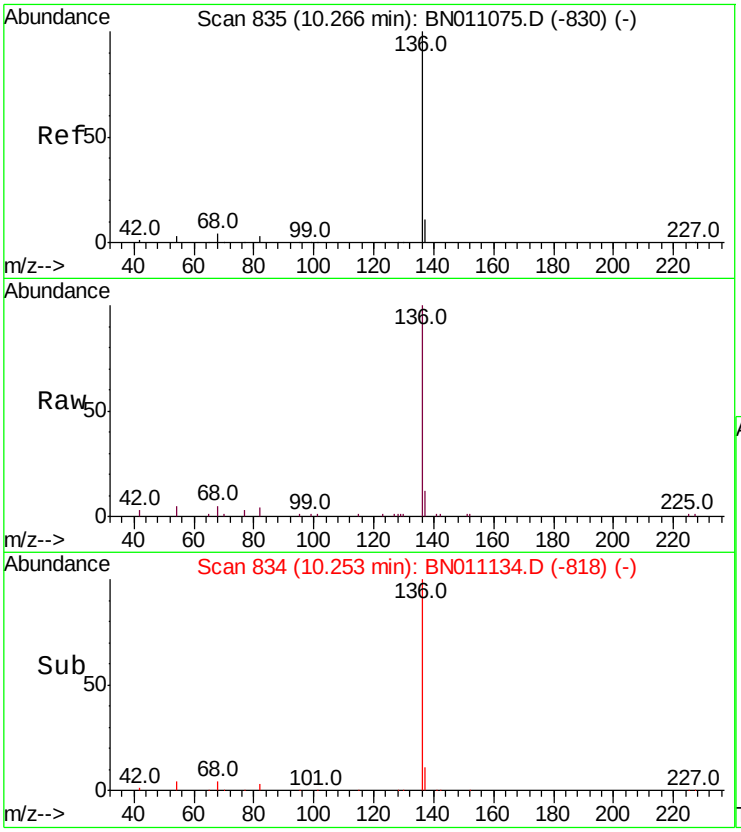


#6
bis(2-Chloroethyl)ether
Concen: 0.316 ng
RT: 6.96 min Scan# 513
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion: 93 Resp: 2385

Ion	Ratio	Lower	Upper
93	100		
63	58.4	47.4	71.2
95	32.9	26.4	39.6



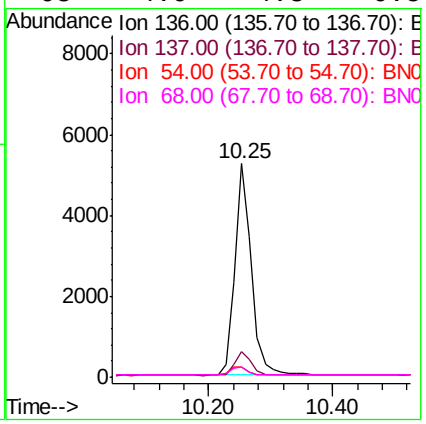


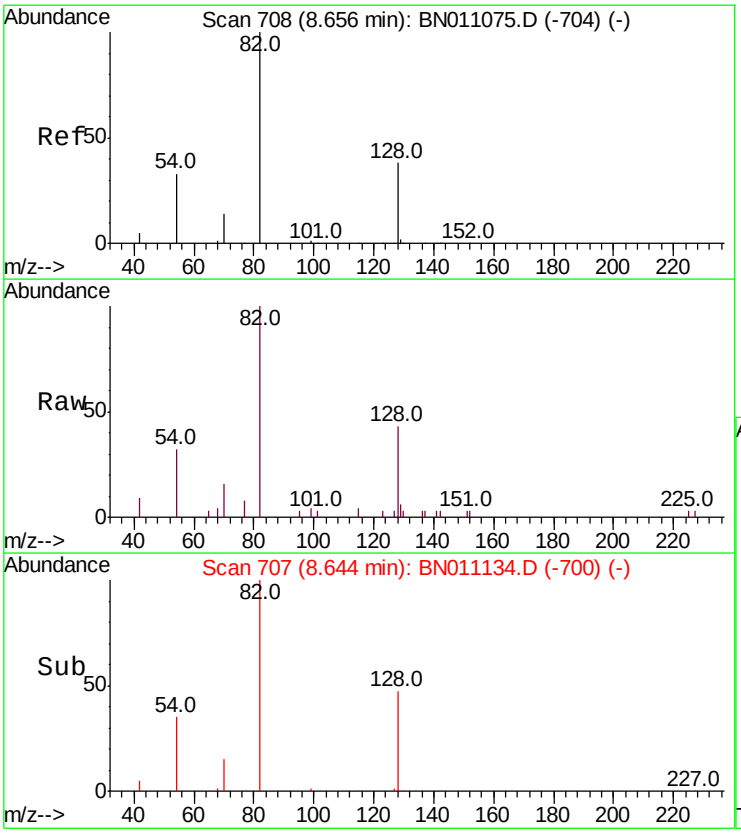
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.25 min Scan# 834
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:136 Resp: 9814

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	4.6	3.8	5.6
68	4.9	4.3	6.5

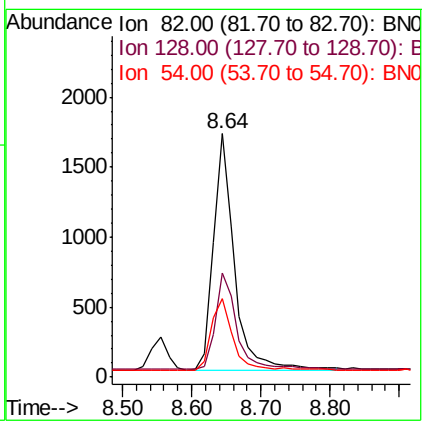


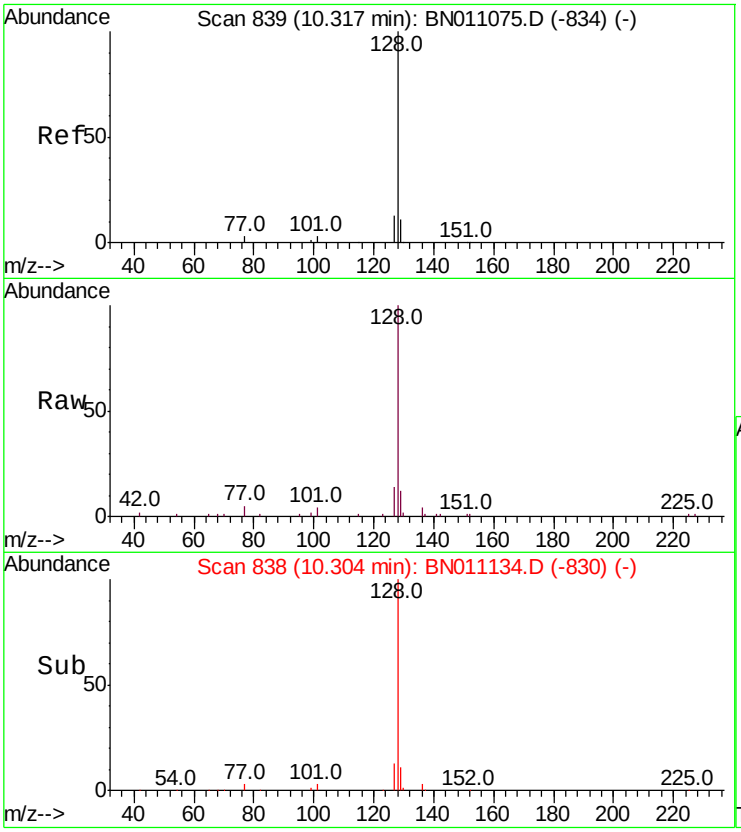


#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 8.64 min Scan# 707
Delta R.T. -0.01 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion: 82 Resp: 3545

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.2
54	32.3	29.4	44.0



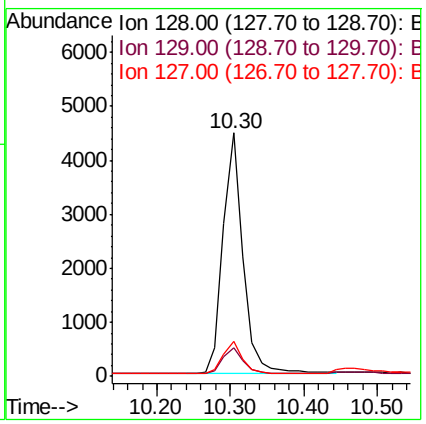


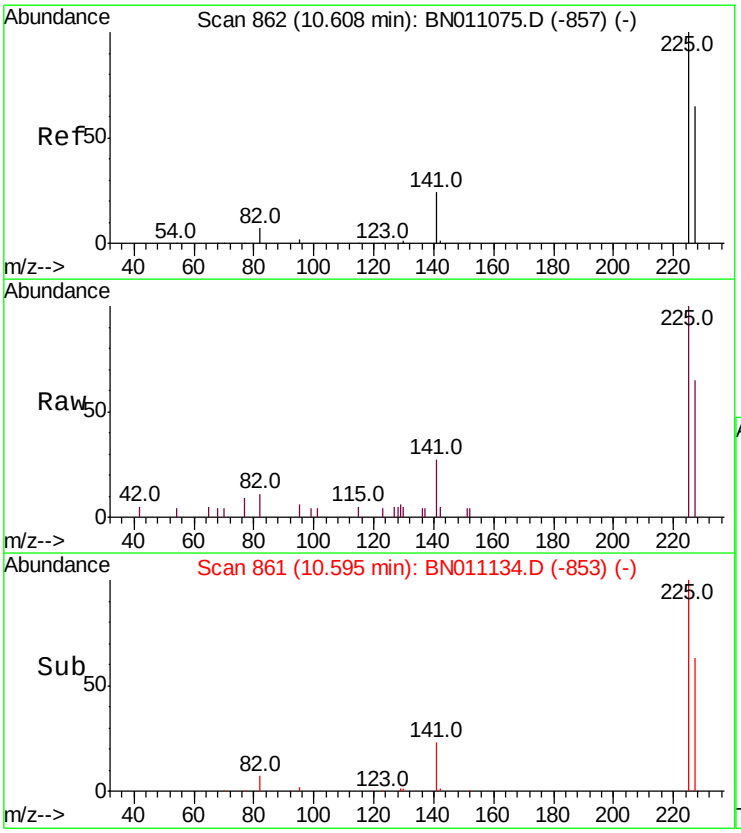
#9
Naphthalene
Concen: 0.286 ng
RT: 10.30 min Scan# 838
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:128 Resp: 8380

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.8
127	14.1	11.3	16.9

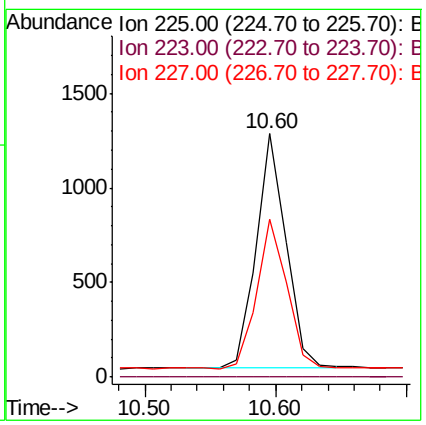


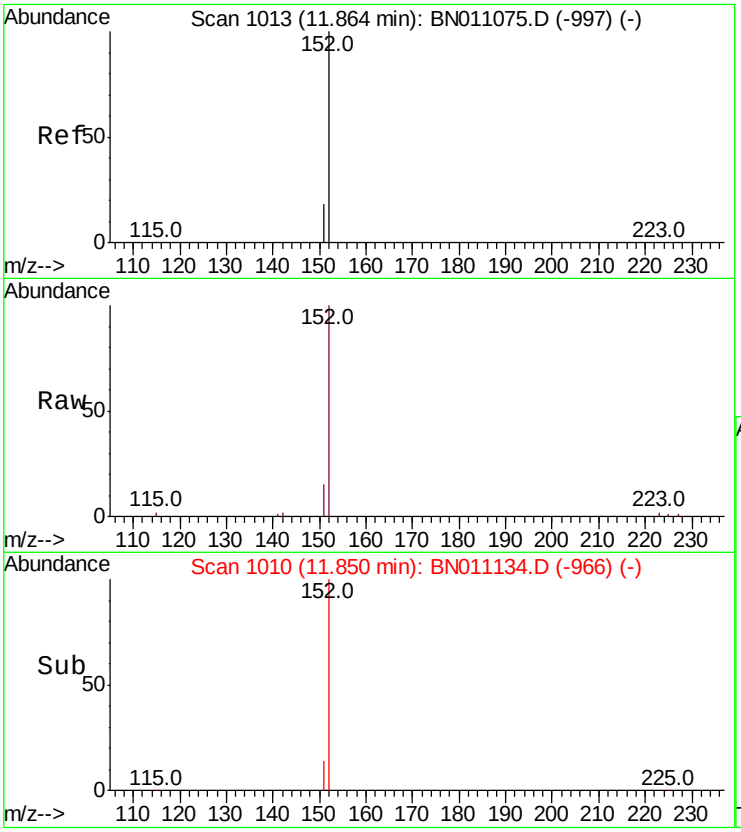


#10
Hexachlorobutadiene
Concen: 0.265 ng
RT: 10.60 min Scan# 861
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:225 Resp: 1970

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.4	77.2



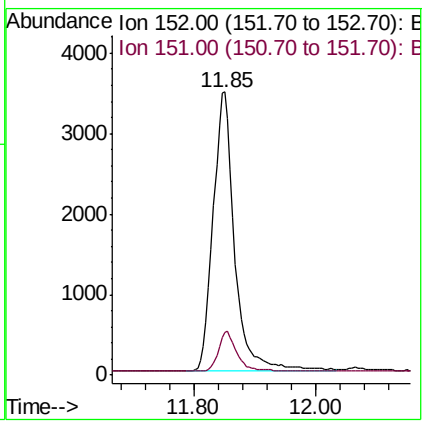


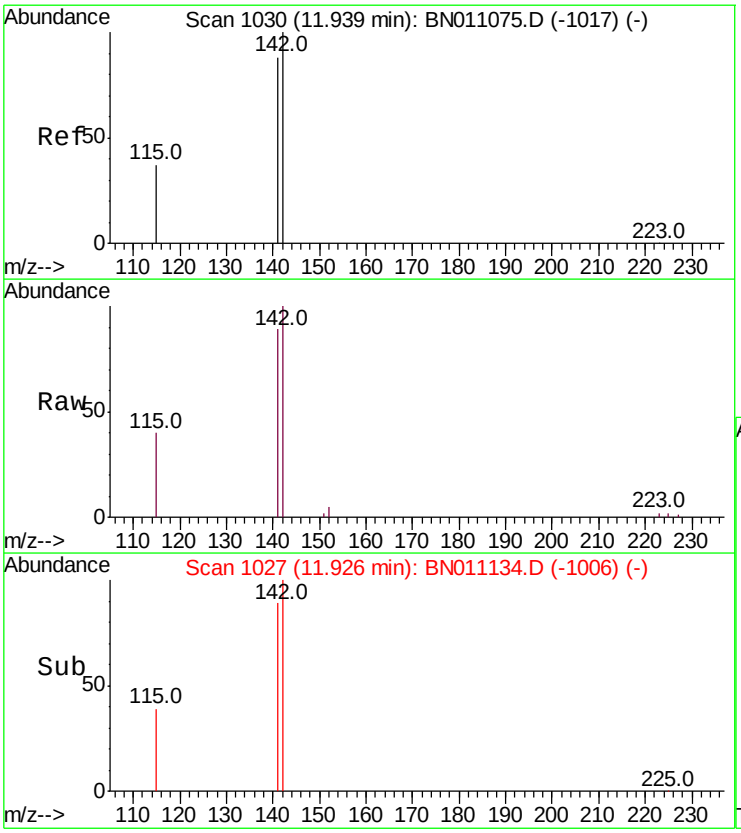
#11
2-Methylnaphthalene-d10
Concen: 0.505 ng
RT: 11.85 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:152 Resp: 8575

Ion	Ratio	Lower	Upper
152	100		
151	11.8	16.6	24.8#

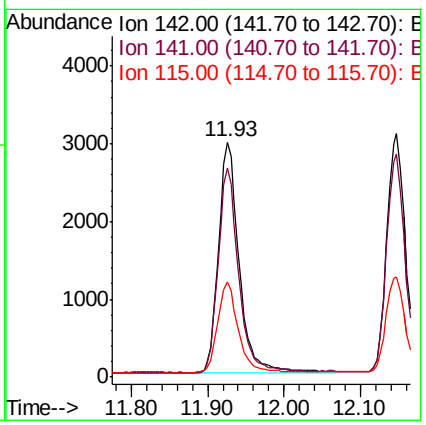


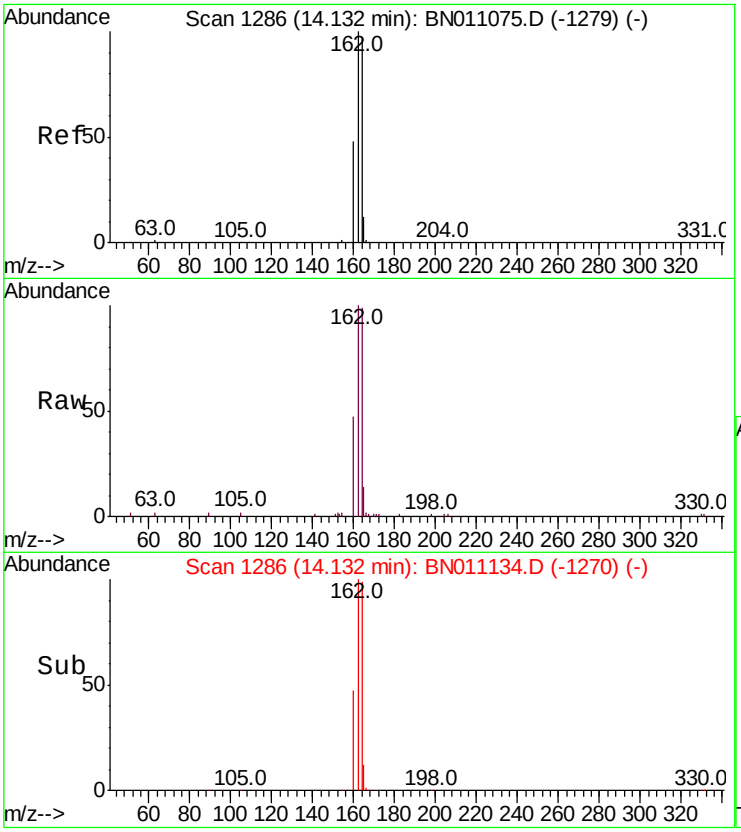


#12
2-Methylnaphthalene
Concen: 0.285 ng
RT: 11.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:142 Resp: 5588

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	40.5	31.2	46.8



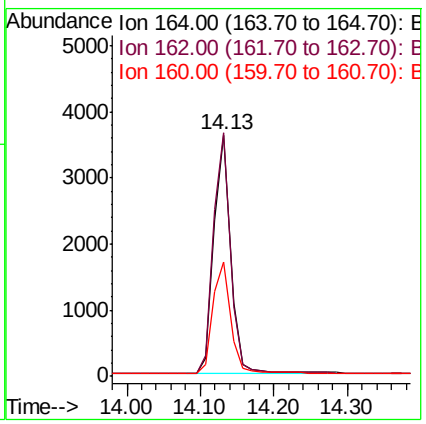


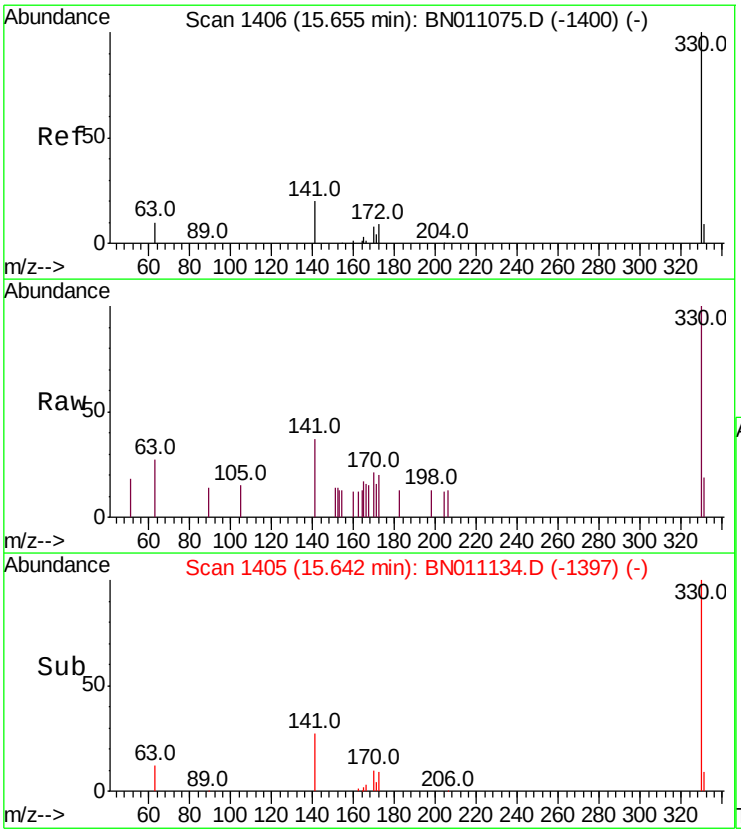
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.13 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:164 Resp: 5733

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.3	123.5
160	47.6	40.6	61.0

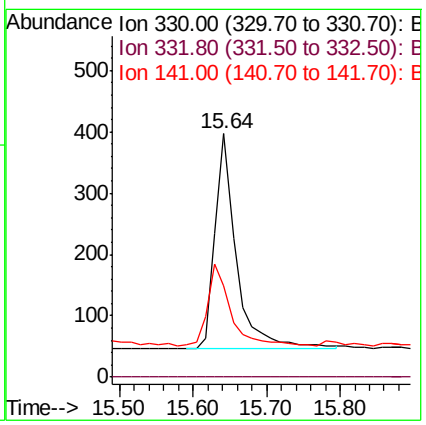


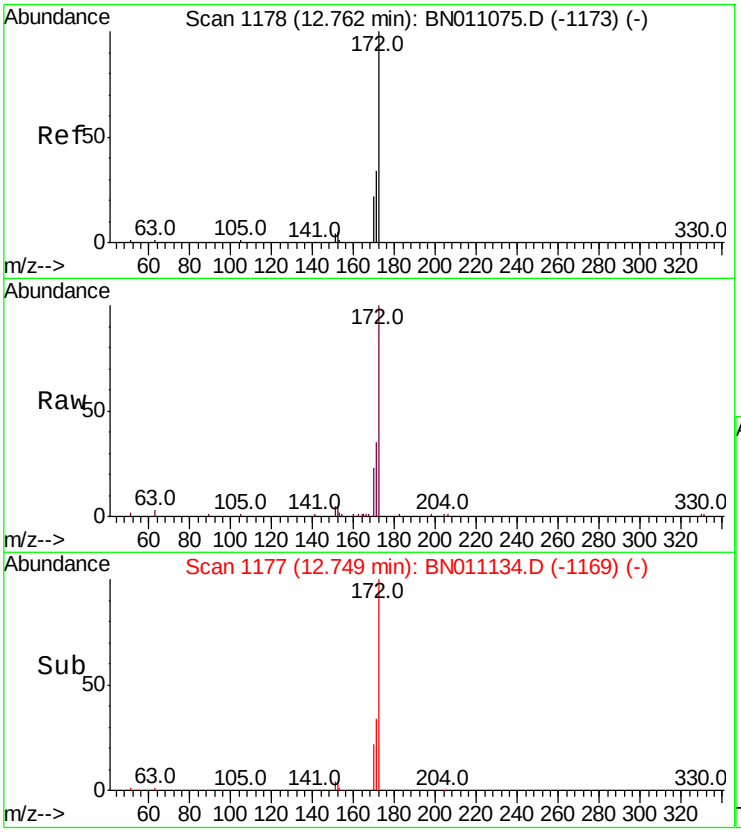


#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.64 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:330 Resp: 712

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.3	32.6	49.0



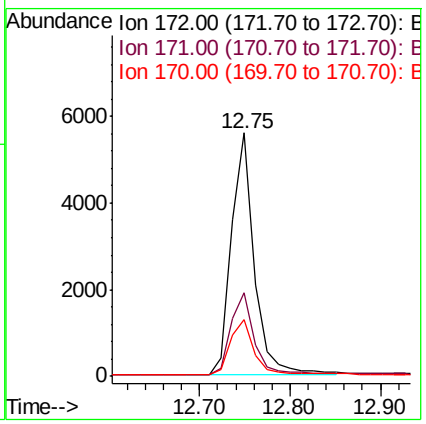


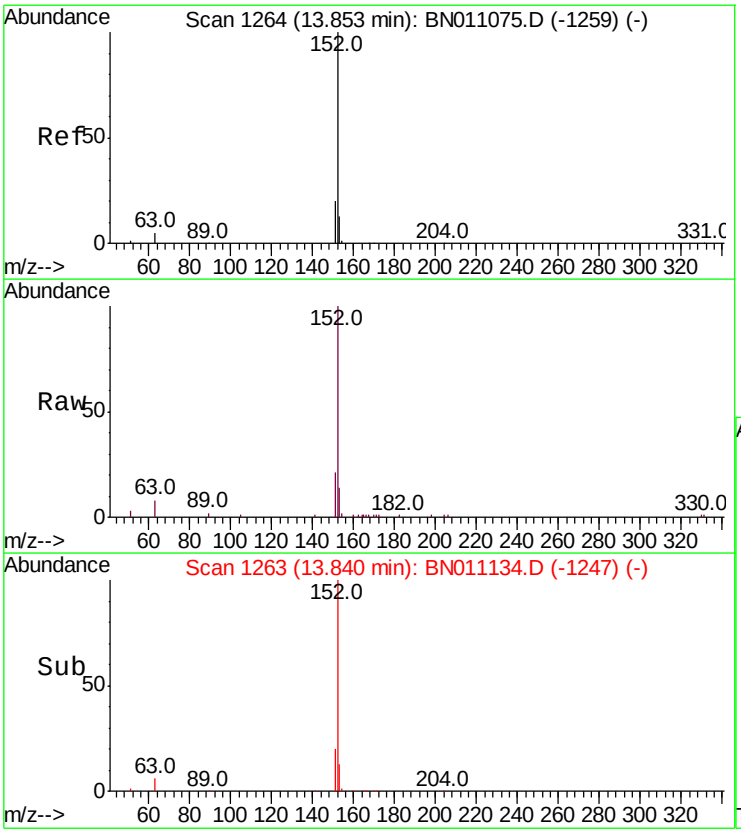
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.75 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:172 Resp: 9672

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	23.2	18.7	28.1

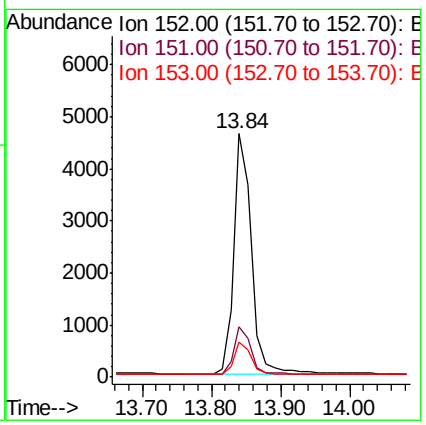


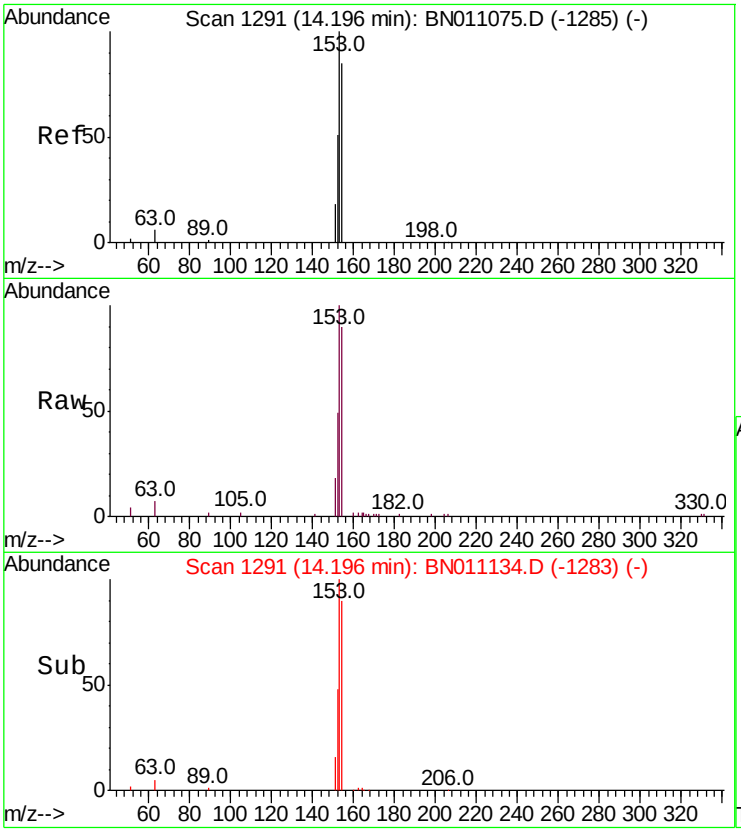


#16
Acenaphthylene
Concen: 0.289 ng
RT: 13.84 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:152 Resp: 8319

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.8	16.2



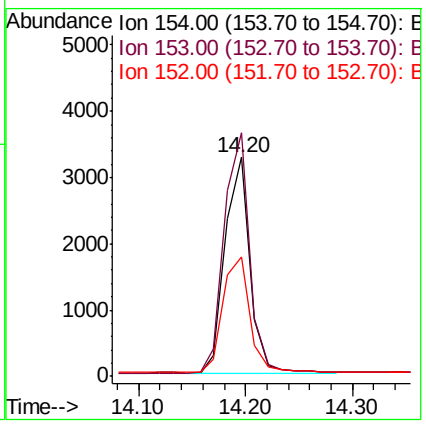


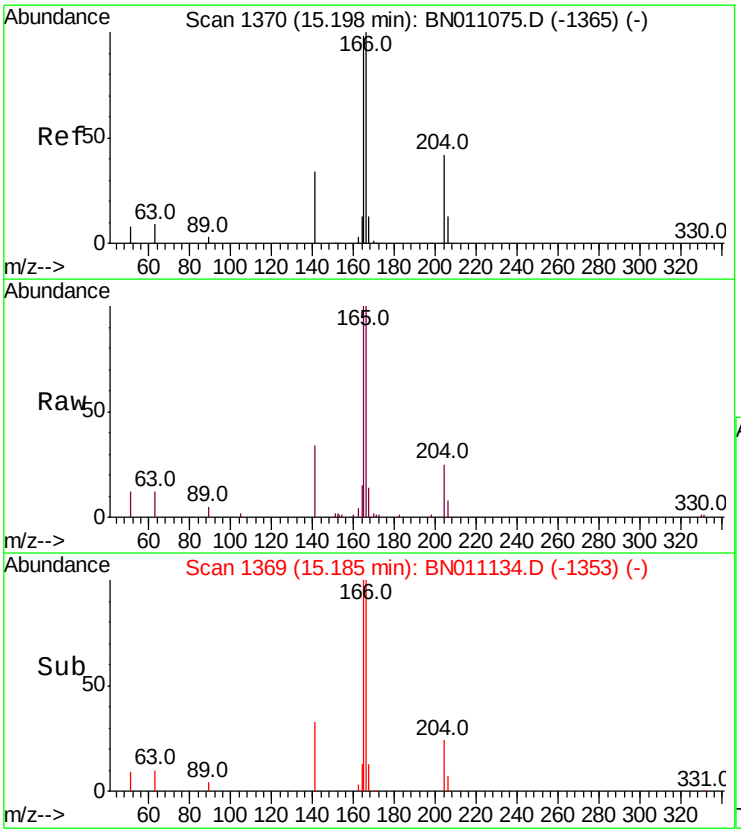
#17
Acenaphthene
Concen: 0.268 ng
RT: 14.20 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:154 Resp: 5222

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.7	137.5
152	58.3	46.8	70.2

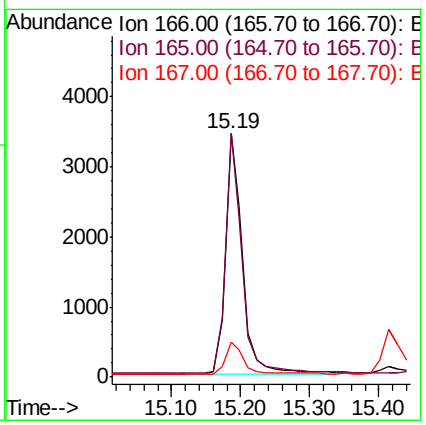


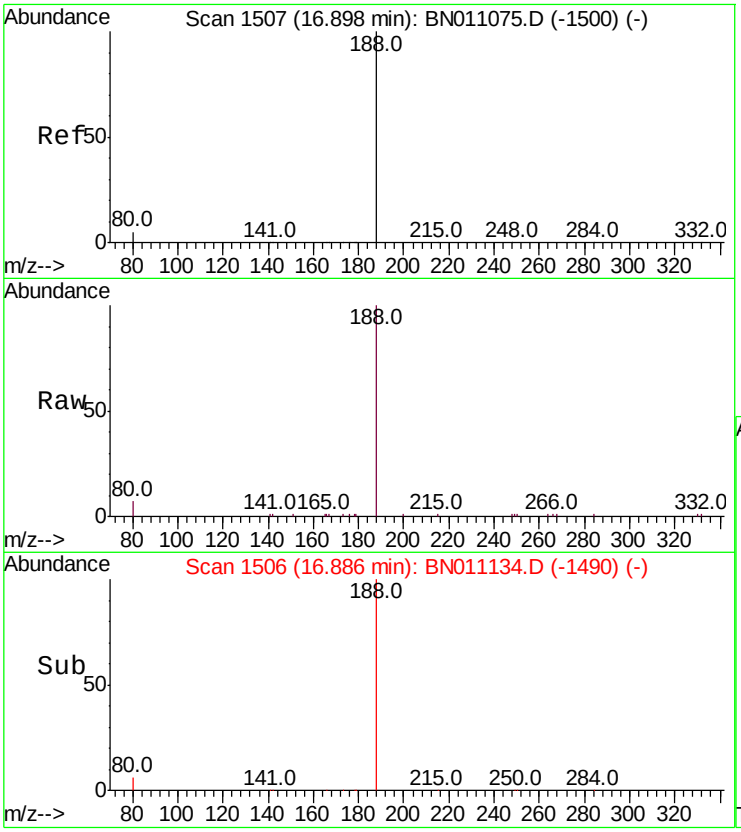


#18
Fluorene
Concen: 0.243 ng
RT: 15.19 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:166 Resp: 5924

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.9	118.3
167	13.8	10.9	16.3



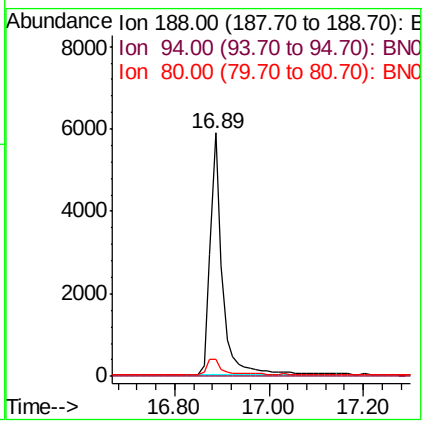


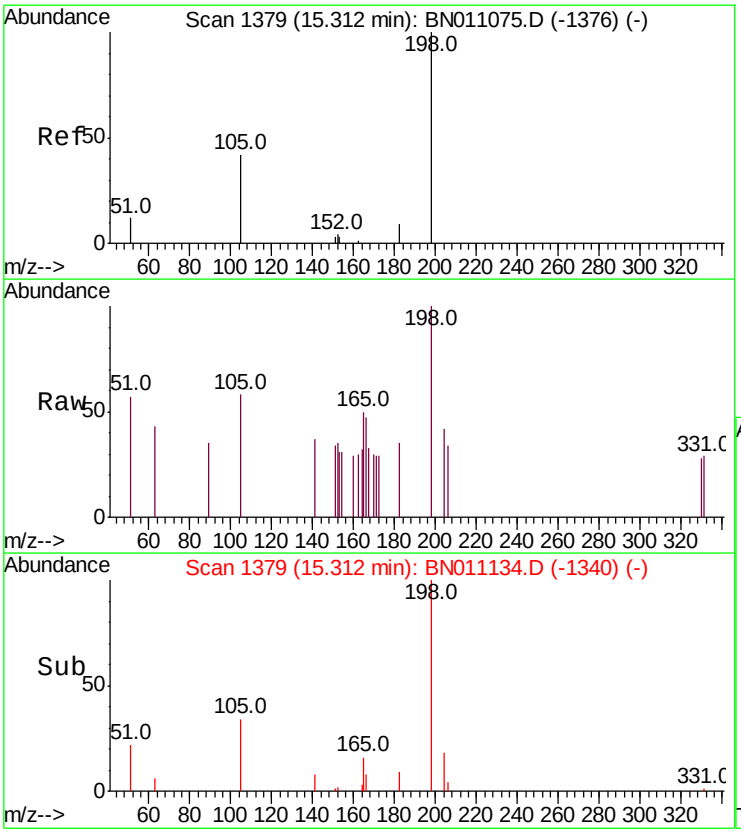
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:188 Resp: 10290

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	5.3	7.9

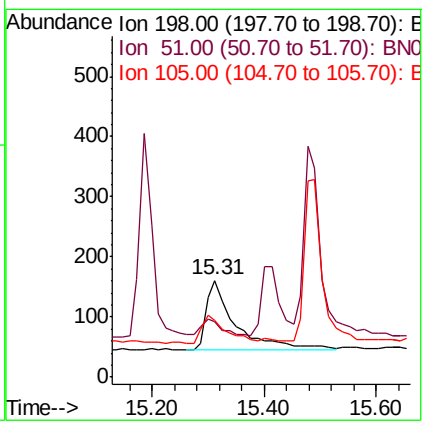


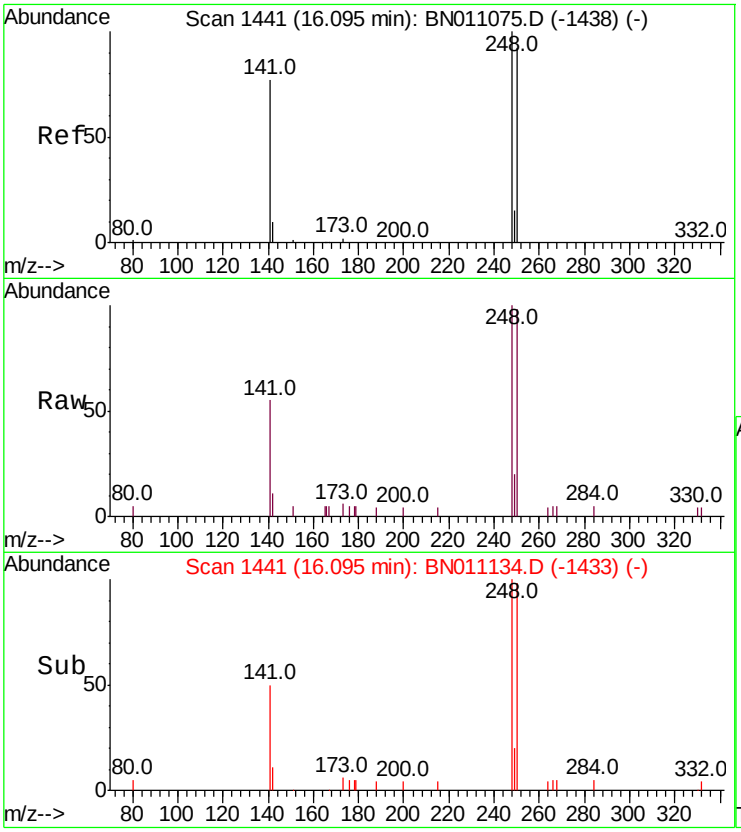


#20
4,6-Dinitro-2-methylphenol
Concen: 0.401 ng
RT: 15.31 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:198 Resp: 404

Ion	Ratio	Lower	Upper
198	100		
51	57.1	58.2	87.4#
105	58.4	59.0	88.4#



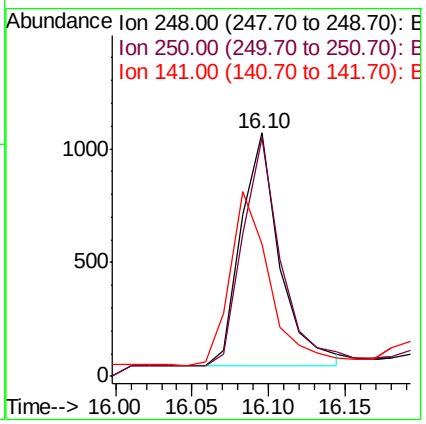


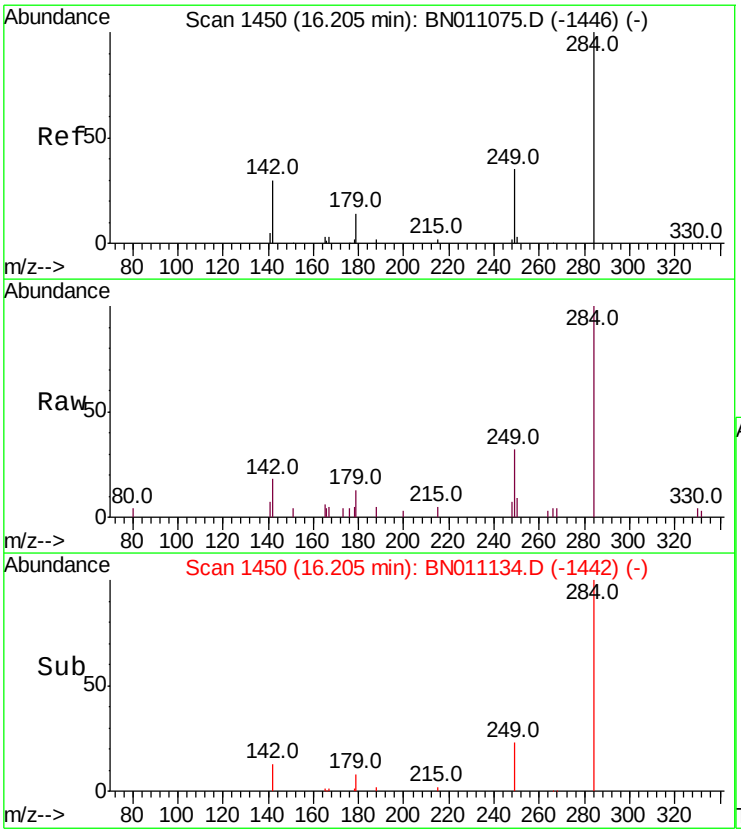
#21
4-Bromophenyl-phenylether
Concen: 0.263 ng
RT: 16.10 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:248 Resp: 1800

Ion	Ratio	Lower	Upper
248	100		
250	97.9	73.8	110.8
141	54.6	63.1	94.7#

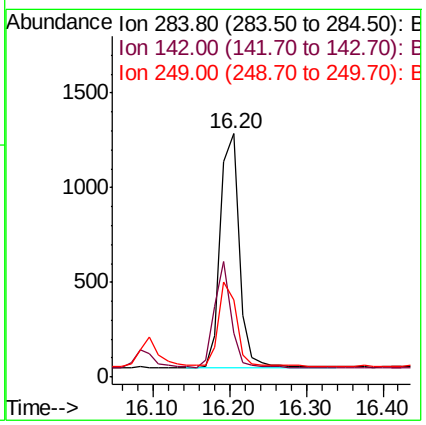


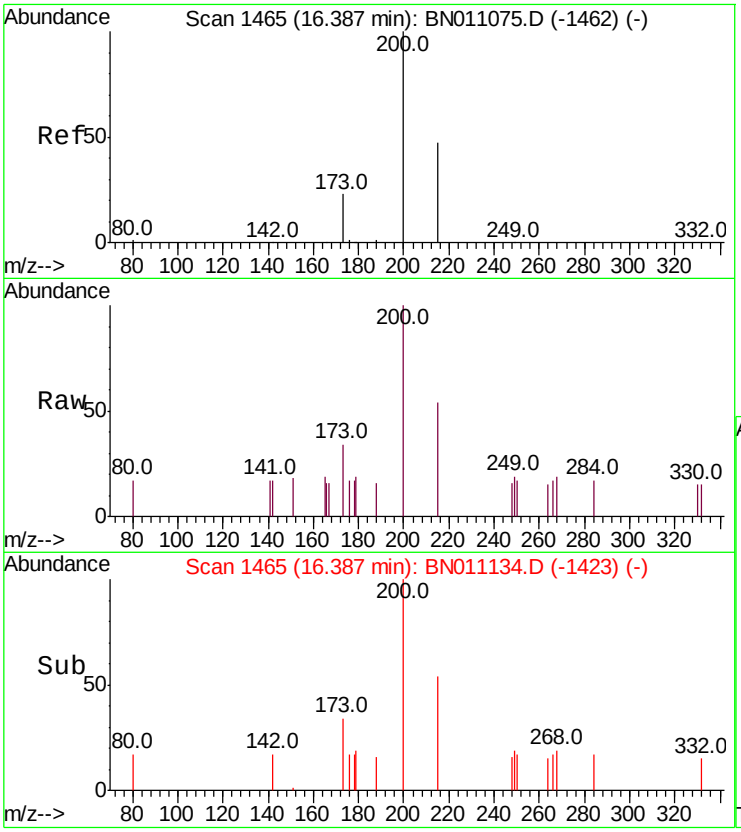


#22
Hexachlorobenzene
Concen: 0.262 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:284 Resp: 2111

Ion	Ratio	Lower	Upper
284	100		
142	40.0	33.3	49.9
249	34.7	27.4	41.2



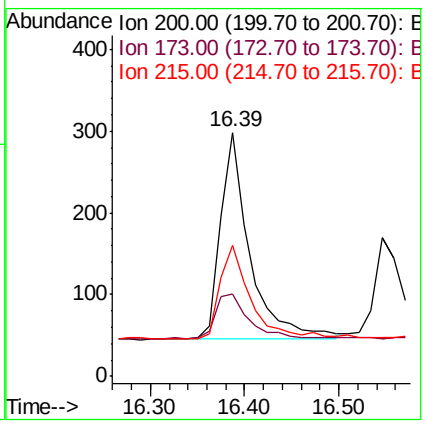


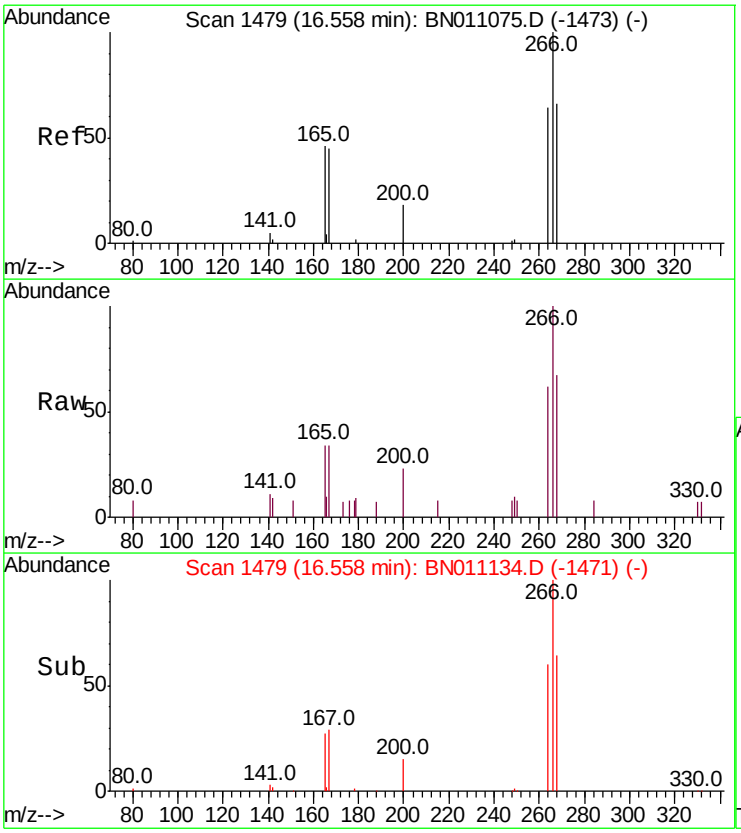
#23
Atrazine
Concen: 0.111 ng
RT: 16.39 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:200 Resp: 538

Ion	Ratio	Lower	Upper
200	100		
173	33.9	22.8	34.2
215	53.7	40.7	61.1

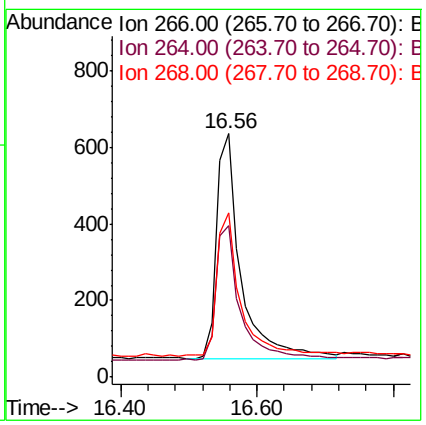


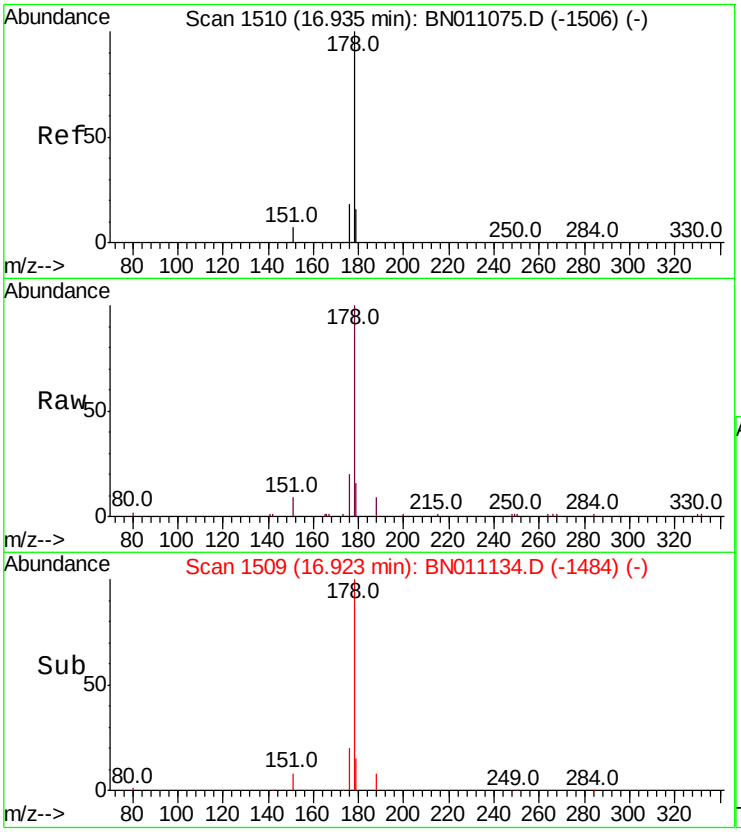


#24
Pentachlorophenol
Concen: 0.674 ng
RT: 16.56 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:266 Resp: 1463

Ion	Ratio	Lower	Upper
266	100		
264	61.7	47.4	71.0
268	60.3	55.0	82.4



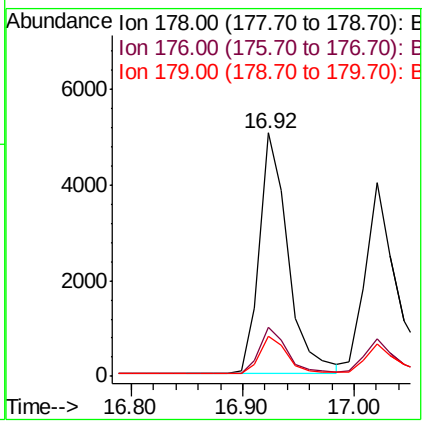


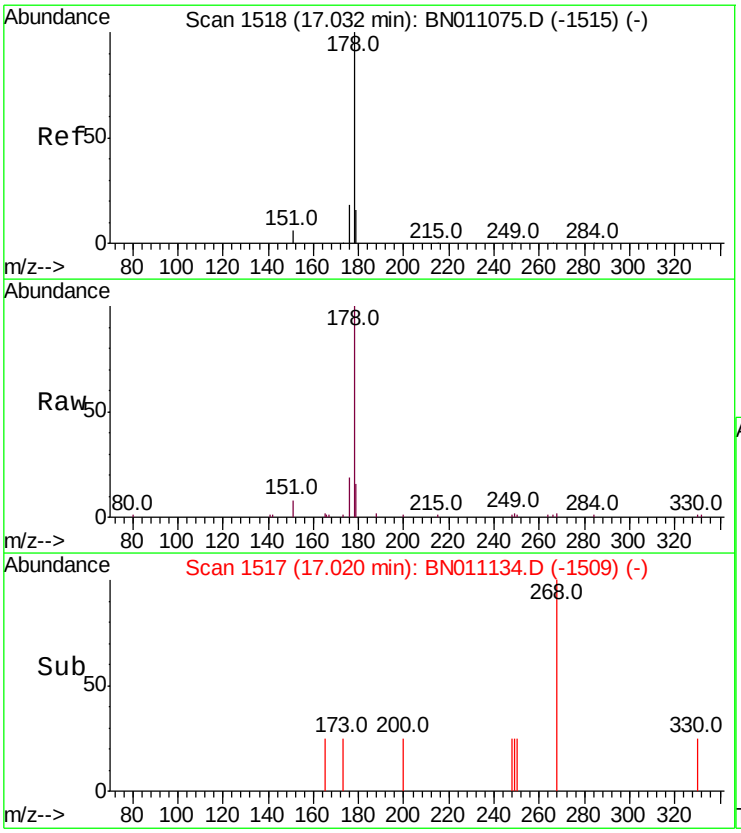
#25
Phenanthrene
Concen: 0.273 ng
RT: 16.92 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:178 Resp: 9084

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.7	12.5	18.7

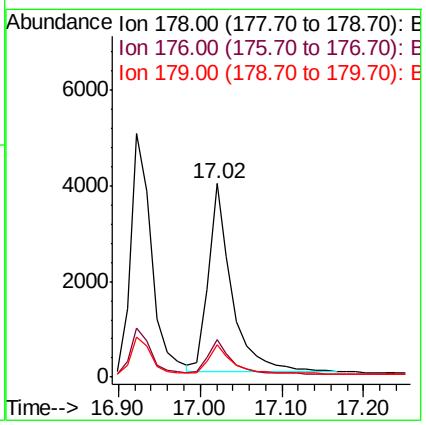


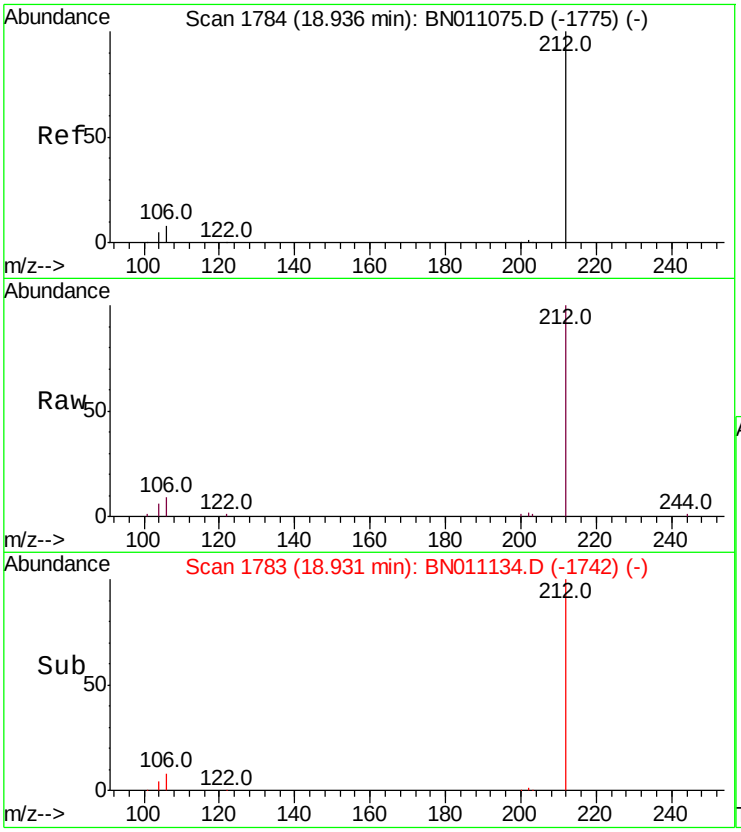


#26
Anthracene
Concen: 0.283 ng
RT: 17.02 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:178 Resp: 7800

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.2	21.4
179	15.7	12.2	18.2



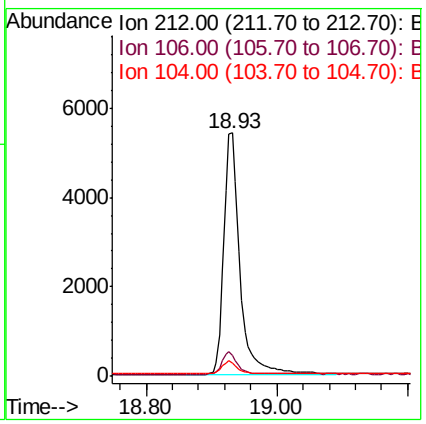


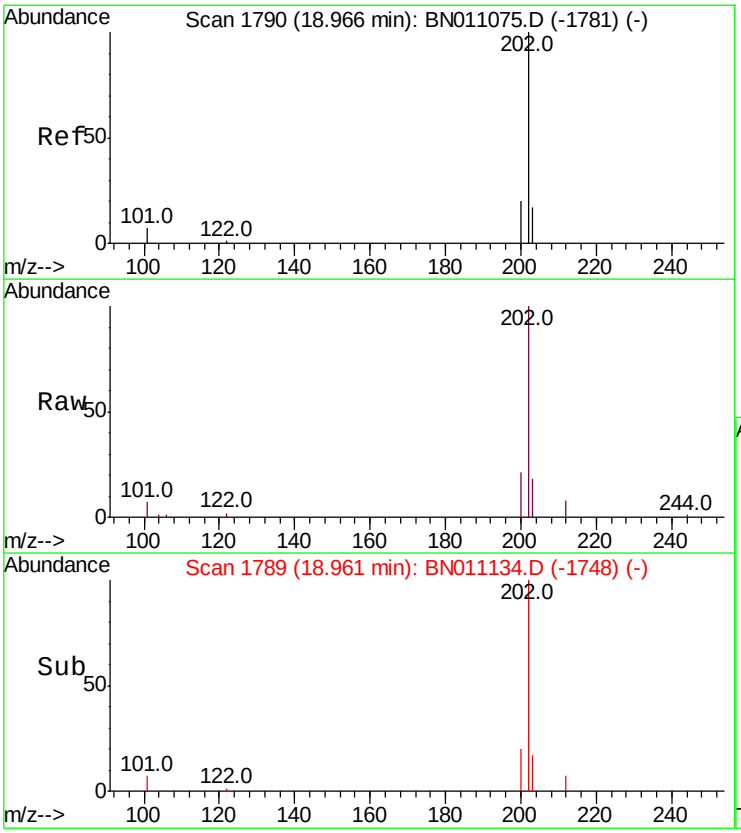
#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 18.93 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:212 Resp: 9433

Ion	Ratio	Lower	Upper
212	100		
106	8.8	7.1	10.7
104	5.1	4.2	6.4

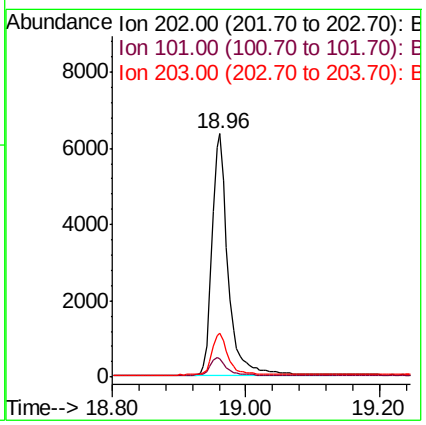


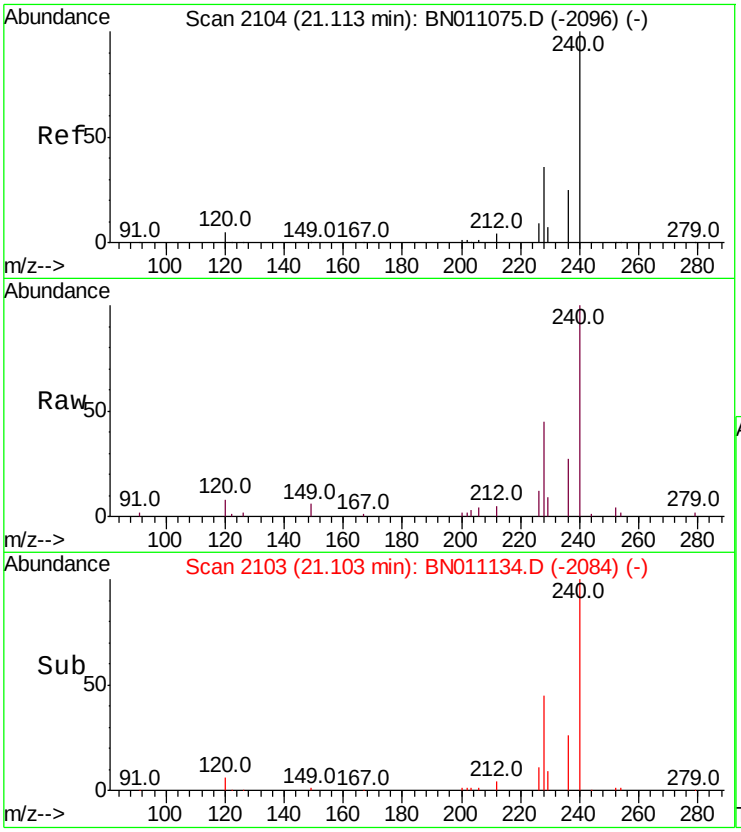


#28
Fluoranthene
Concen: 0.281 ng
RT: 18.96 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:202 Resp: 10526

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.3	9.5
203	17.3	13.5	20.3



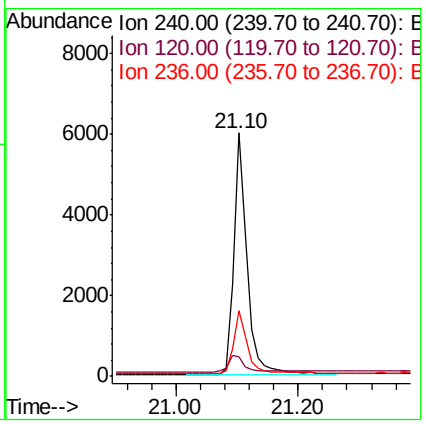


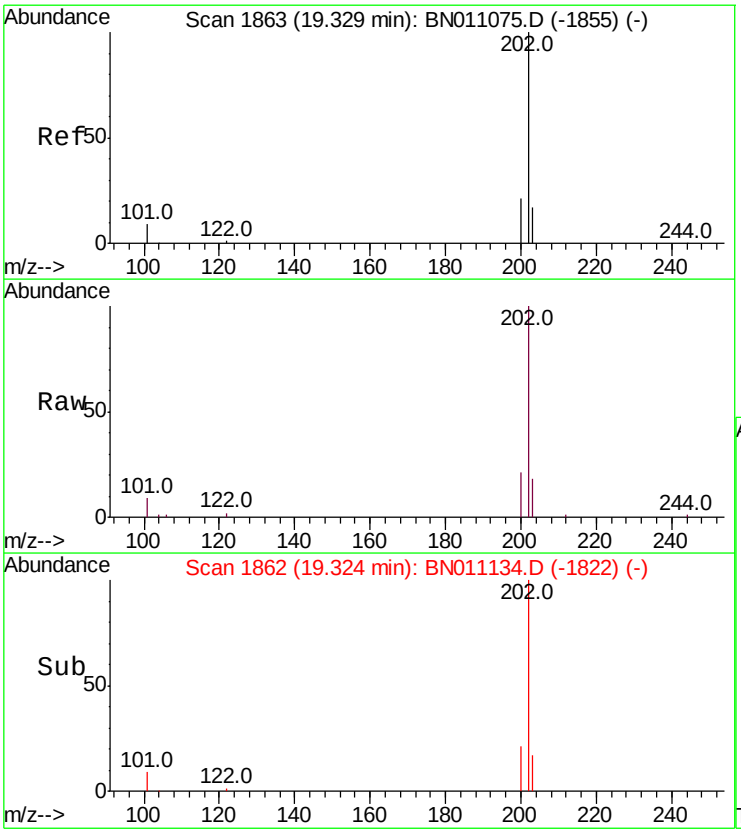
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:240 Resp: 9105

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	26.9	21.9	32.9

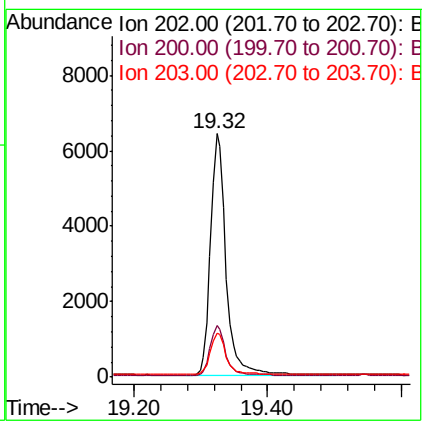


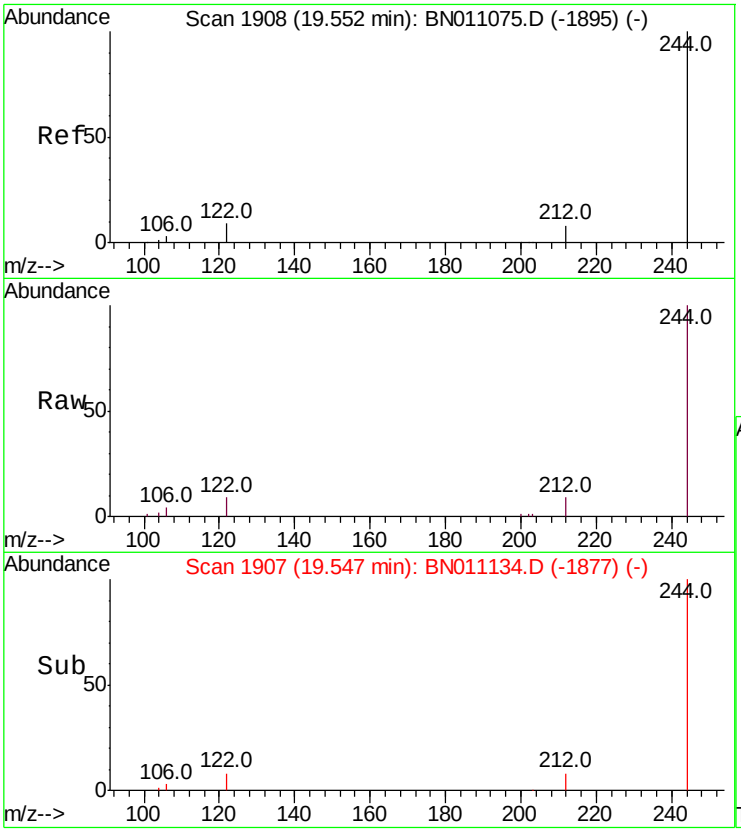


#30
Pyrene
Concen: 0.303 ng
RT: 19.32 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:202 Resp: 10299

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	25.0
203	17.7	14.2	21.4



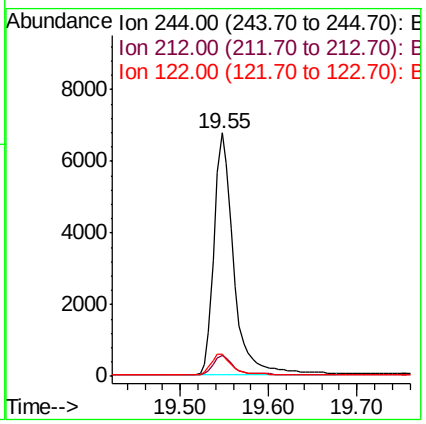


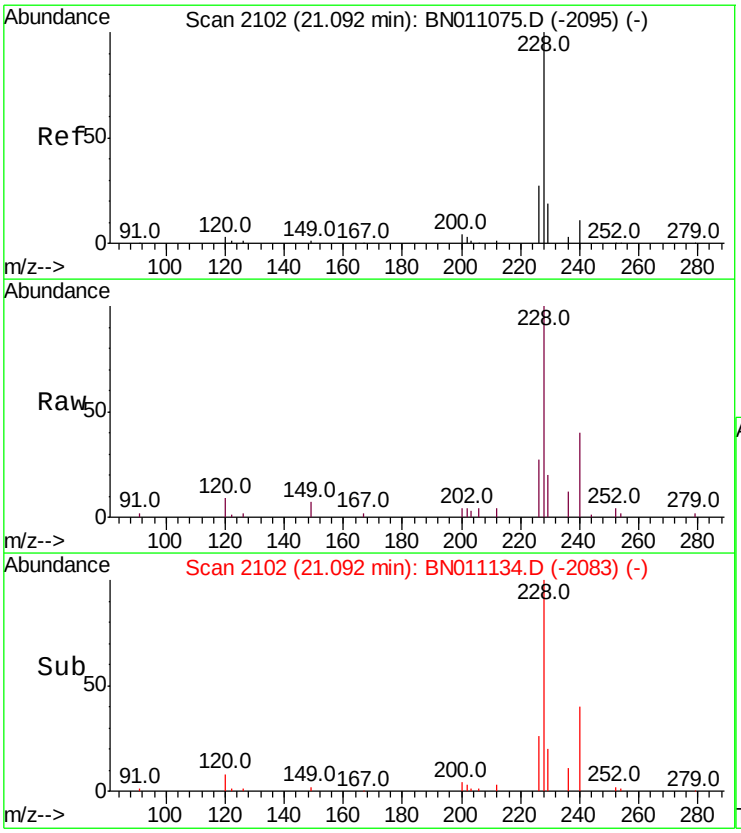
#31
Terphenyl-d14
Concen: 0.443 ng
RT: 19.55 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:244 Resp: 10495

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.5	11.3
122	8.9	8.2	12.4

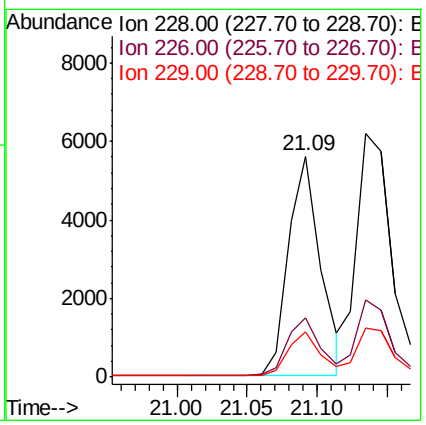


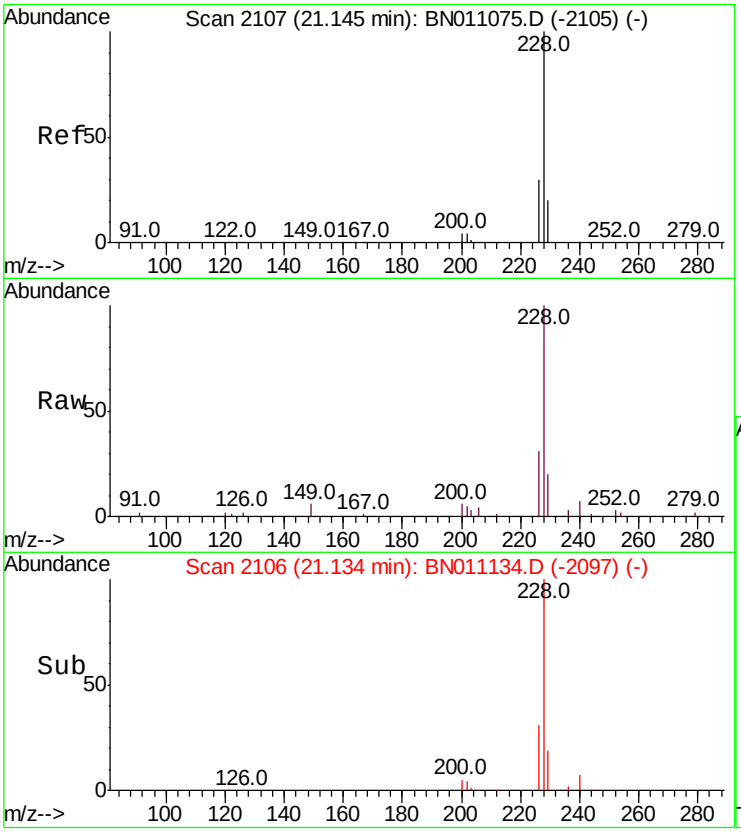


#32
Benzo(a)anthracene
Concen: 0.291 ng
RT: 21.09 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:228 Resp: 8843

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.0	33.0
229	20.5	16.1	24.1



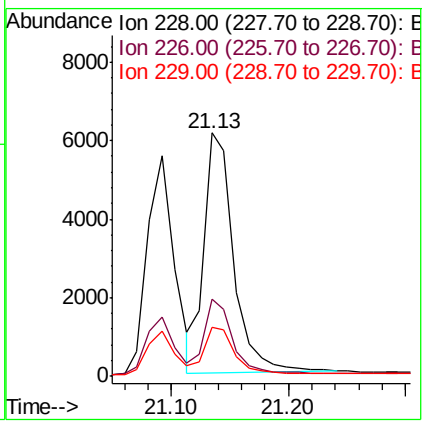


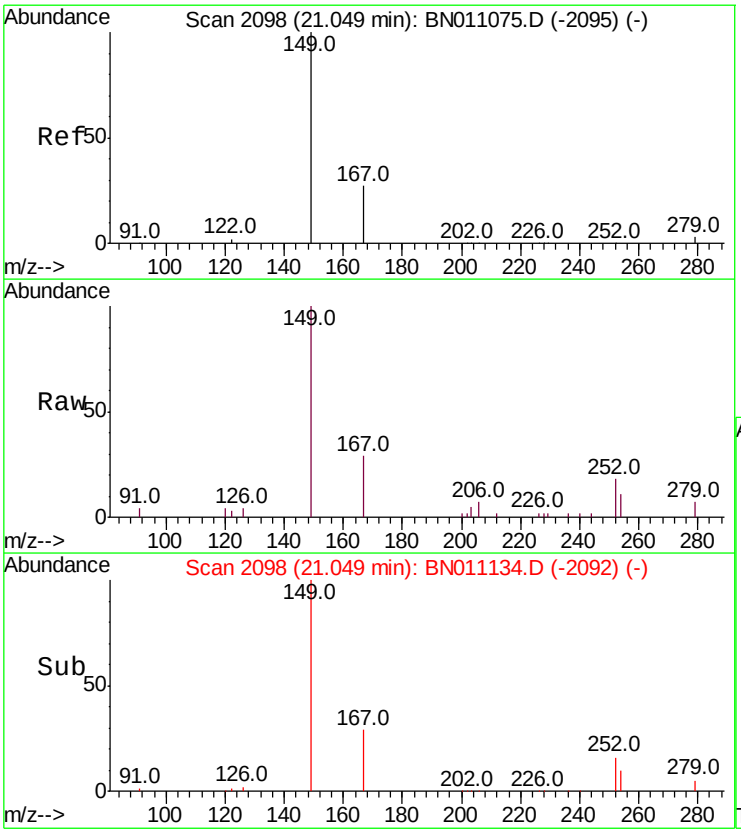
#33
Chrysene
Concen: 0.308 ng
RT: 21.13 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:228 Resp: 10764

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.0	36.0
229	19.9	16.4	24.6

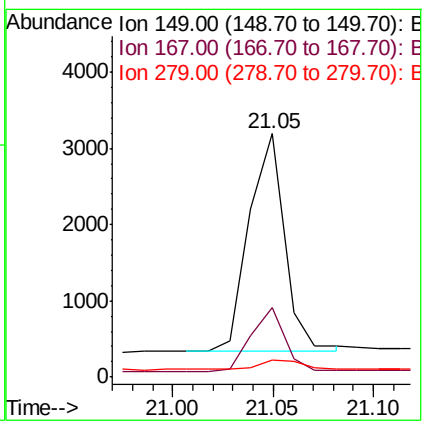


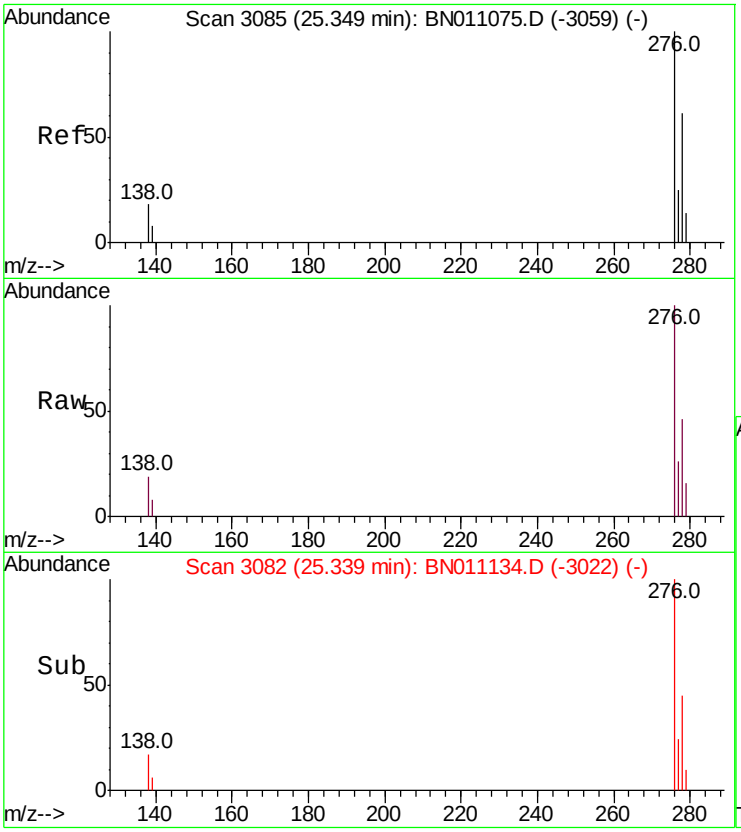


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.286 ng
RT: 21.05 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:149 Resp: 3520

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.4
279	5.2	4.5	6.7



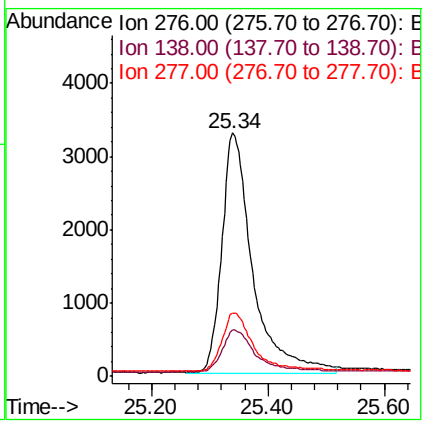


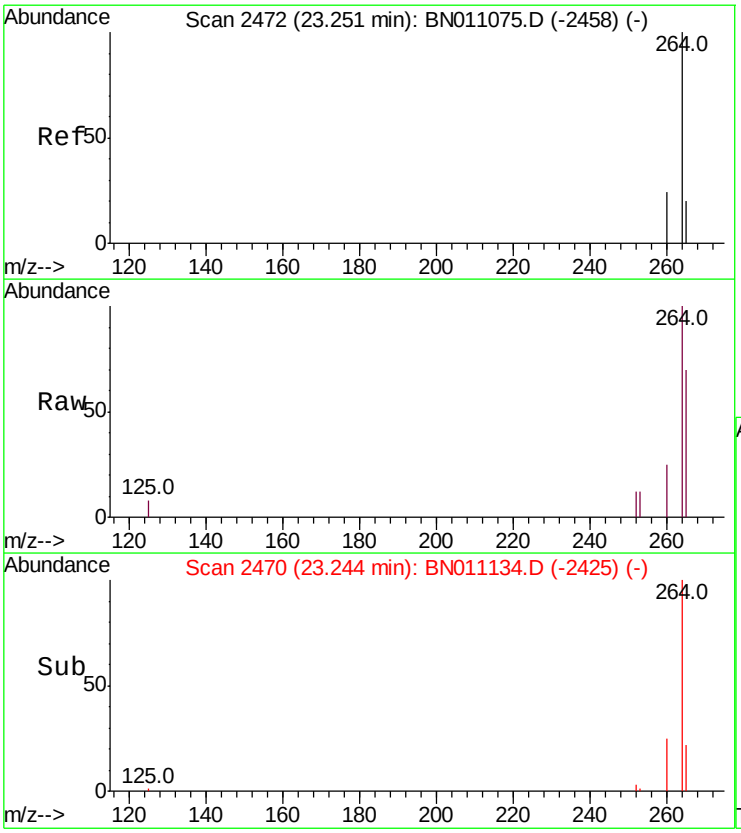
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng
RT: 25.34 min Scan# 3082
Delta R.T. 0.01 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:276 Resp: 12049

Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.4	23.0
277	24.5	19.4	29.0

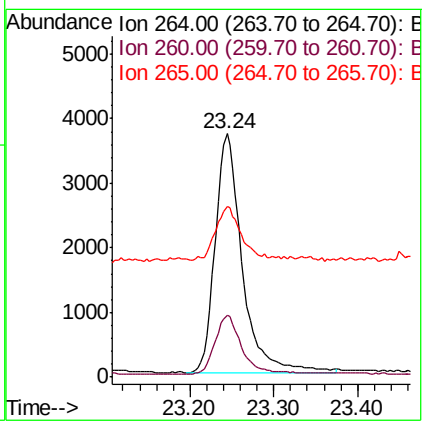


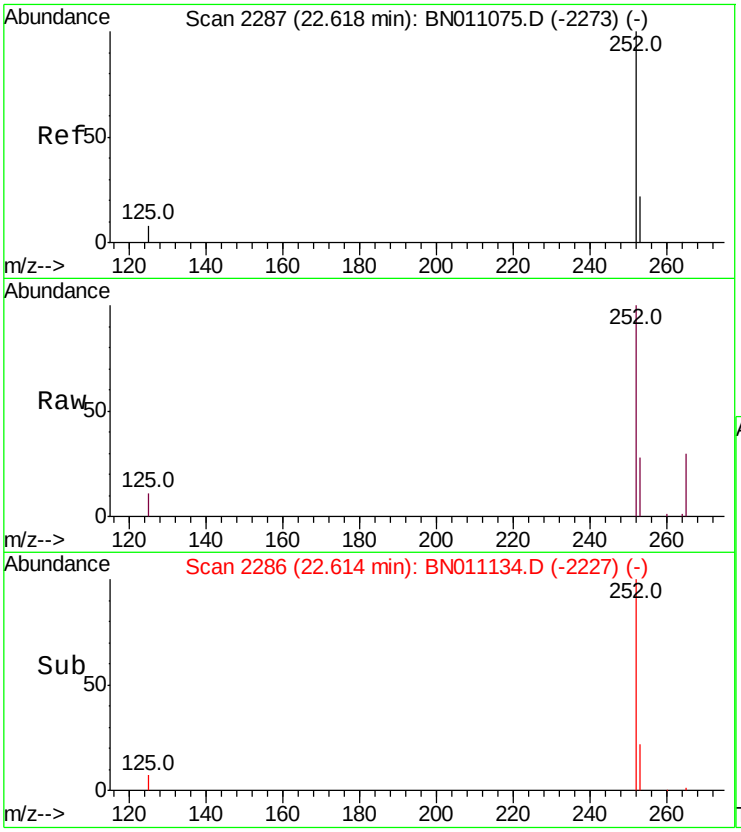


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.24 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:264 Resp: 8235

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	69.9	83.0	124.6#



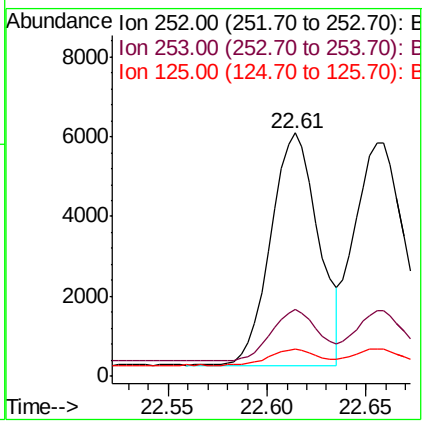


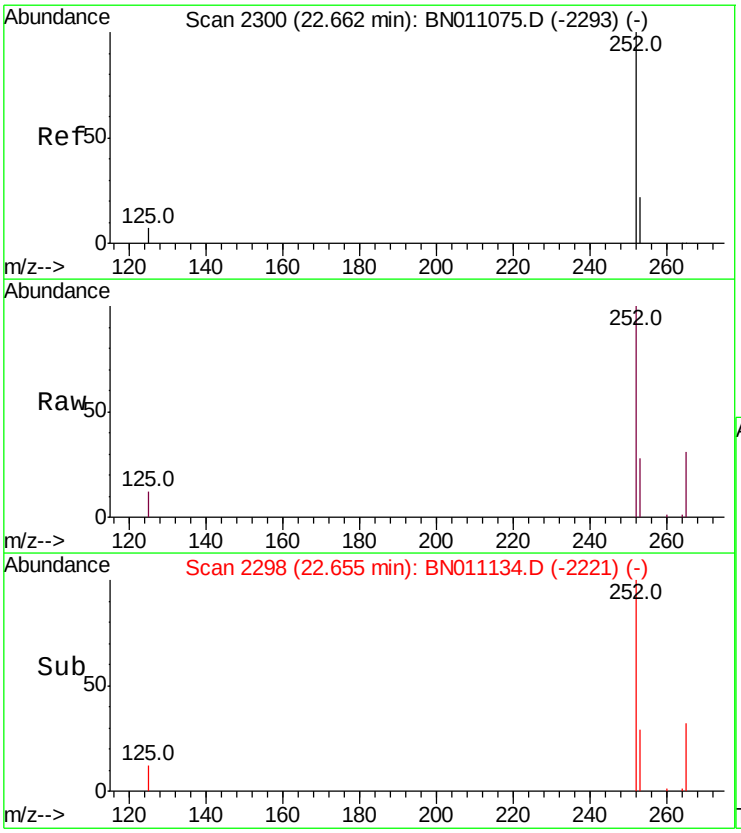
#37
Benzo(b)fluoranthene
Concen: 0.294 ng
RT: 22.61 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:252 Resp: 9697

Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.7	34.1
125	11.2	10.4	15.6

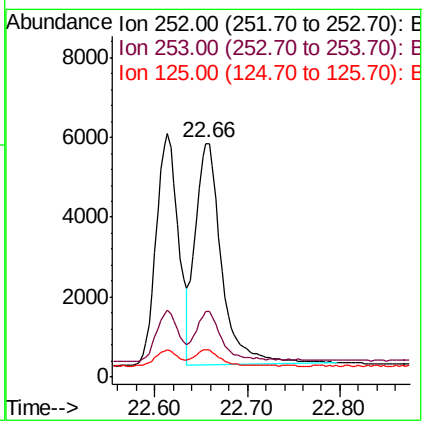


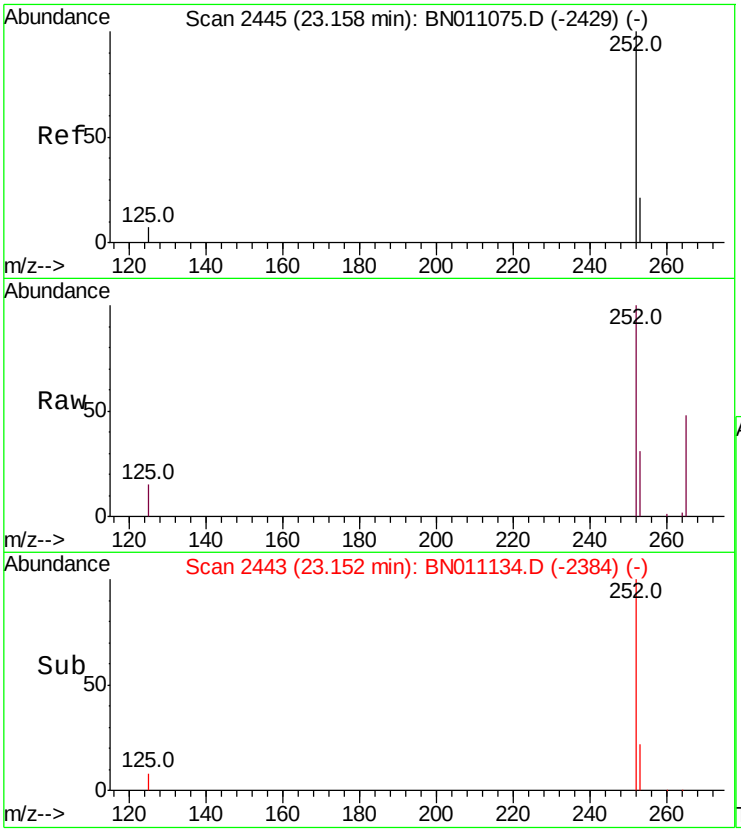


#38
Benzo(k)fluoranthene
Concen: 0.309 ng
RT: 22.66 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:252 Resp: 10908

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.9	34.3
125	11.8	10.6	15.8



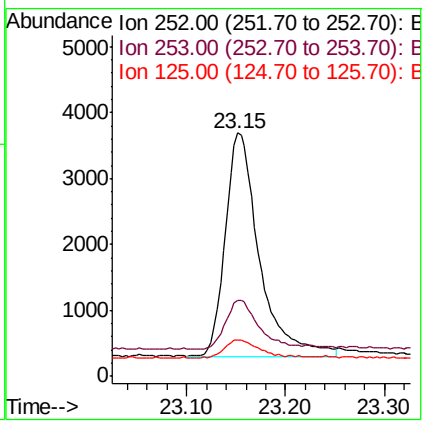


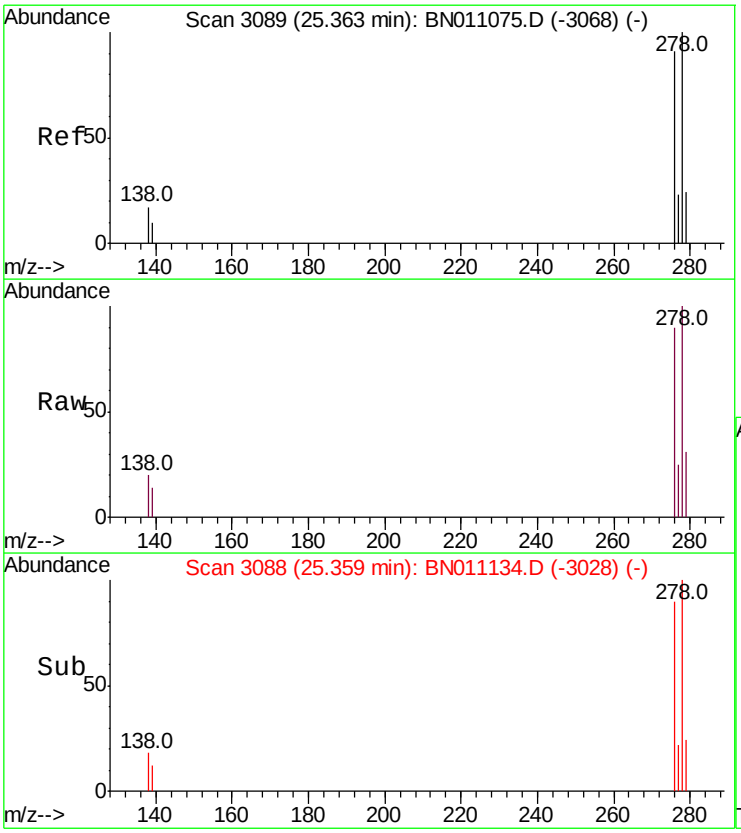
#39
Benzo(a)pyrene
Concen: 0.282 ng
RT: 23.15 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:252 Resp: 8030

Ion	Ratio	Lower	Upper
252	100		
253	31.2	25.9	38.9
125	14.8	12.5	18.7

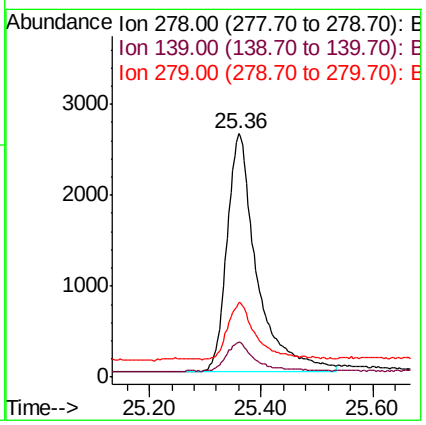


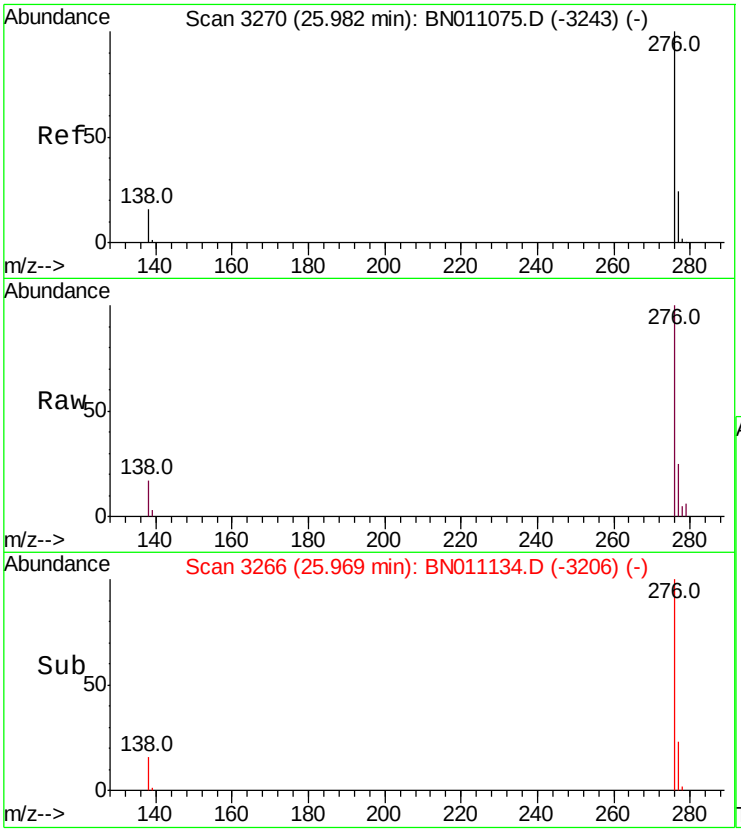


#40
Dibenzo(a,h)anthracene
Concen: 0.335 ng
RT: 25.36 min Scan# 3088
Delta R.T. 0.01 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:278 Resp: 9767

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.9	17.9
279	30.6	25.5	38.3





#41
Benzo(g,h,i)perylene
Concen: 0.329 ng
RT: 25.97 min Scan# 3266
Delta R.T. 0.01 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tgt Ion:276 Resp: 10553

Ion	Ratio	Lower	Upper
276	100		
277	25.5	21.1	31.7
138	17.4	15.0	22.6