Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
Data File : BN011691.D
Acq On : 03 Sep 2020 10:46
Operator : CG/JU
Sample : PB131363BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131363BS

Quant Time: Sep 03 12:36:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 03 12:33:00 2020
Response via : Initial Calibration

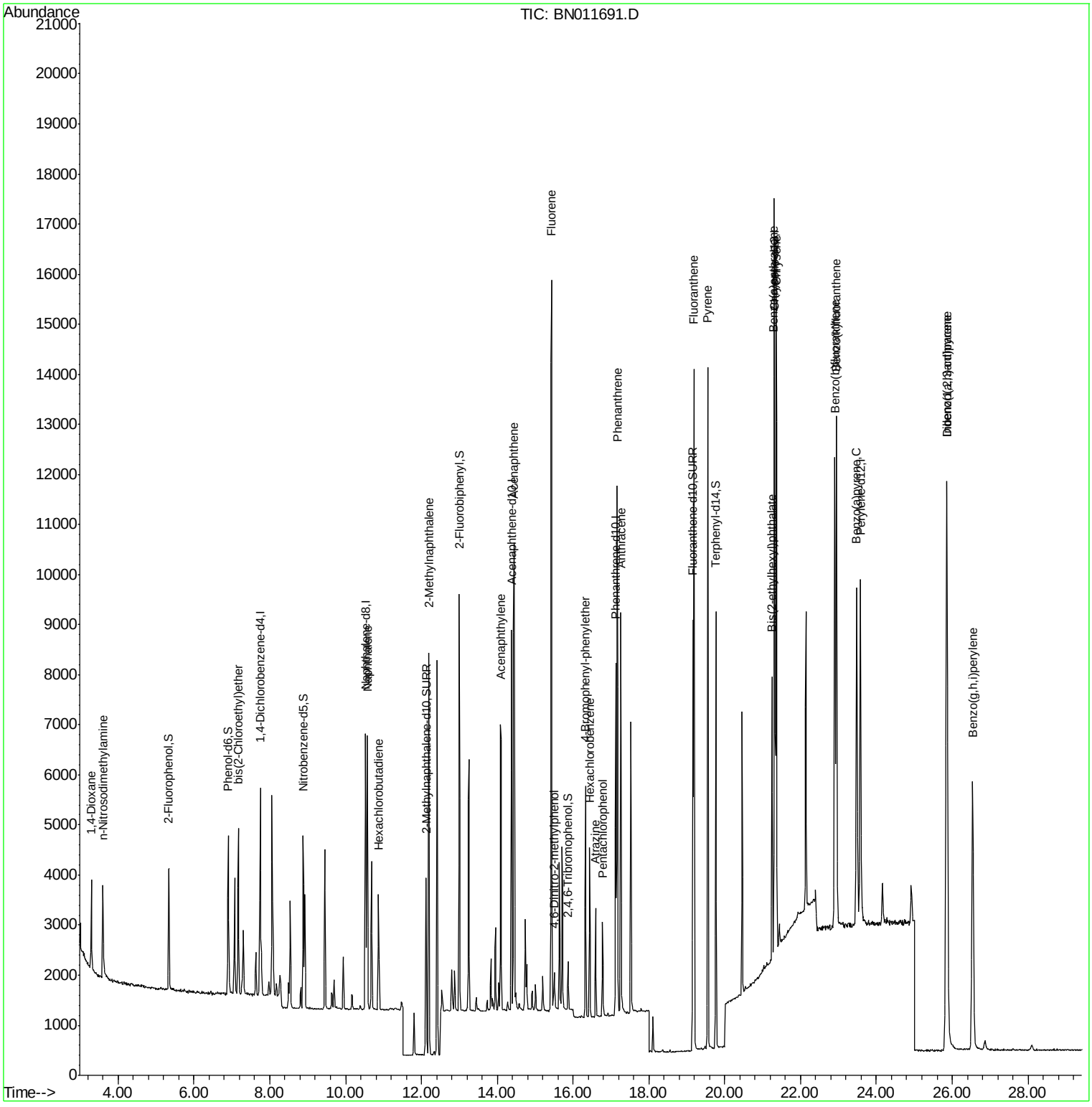
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1958	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	7235	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	4277	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	9164	0.40	ng		0.00
29) Chrysene-d12	21.32	240	8631	0.40	ng		0.00
36) Perylene-d12	23.58	264	9122	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	1930	0.35	ng		0.00
5) Phenol-d6	6.90	99	2541	0.34	ng		0.00
8) Nitrobenzene-d5	8.88	82	2606	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	4660	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	706	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	6761	0.37	ng		0.00
27) Fluoranthene-d10	19.16	212	9959	0.34	ng		0.00
31) Terphenyl-d14	19.77	244	8766	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1114	0.354	ng		97
3) n-Nitrosodimethylamine	3.60	42	1552	0.427	ng	#	88
6) bis(2-Chloroethyl)ether	7.17	93	2212	0.362	ng		99
9) Naphthalene	10.58	128	7577	0.366	ng		99
10) Hexachlorobutadiene	10.87	225	1773	0.390	ng	#	99
12) 2-Methylnaphthalene	12.19	142	5245	0.356	ng		97
16) Acenaphthylene	14.09	152	7252	0.348	ng		100
17) Acenaphthene	14.45	154	5280	0.367	ng		97
18) Fluorene	15.44	166	6589	0.358	ng		99
20) 4,6-Dinitro-2-methylphenol	15.50	198	580	0.410	ng	#	78
21) 4-Bromophenyl-phenylether	16.32	248	2005	0.373	ng	#	83
22) Hexachlorobenzene	16.43	284	2512	0.379	ng		99
23) Atrazine	16.59	200	1578	0.335	ng		96
24) Pentachlorophenol	16.77	266	887	0.337	ng		98
25) Phenanthrene	17.16	178	10789	0.364	ng		100
26) Anthracene	17.26	178	9093	0.346	ng		99
28) Fluoranthene	19.19	202	12044	0.343	ng		99
30) Pyrene	19.55	202	12073	0.402	ng		100
32) Benzo(a)anthracene	21.30	228	10953	0.356	ng		98
33) Chrysene	21.35	228	12102	0.381	ng		97
34) Bis(2-ethylhexyl)phthalate	21.25	149	4853	0.387	ng		100
35) Indeno(1,2,3-cd)pyrene	25.85	276	14895	0.359	ng		99
37) Benzo(b)fluoranthene	22.90	252	12510	0.358	ng		97
38) Benzo(k)fluoranthene	22.95	252	13047	0.365	ng		98
39) Benzo(a)pyrene	23.48	252	10857	0.347	ng		95
40) Dibenzo(a,h)anthracene	25.86	278	12225	0.346	ng		97
41) Benzo(g,h,i)perylene	26.54	276	11762	0.340	ng		98

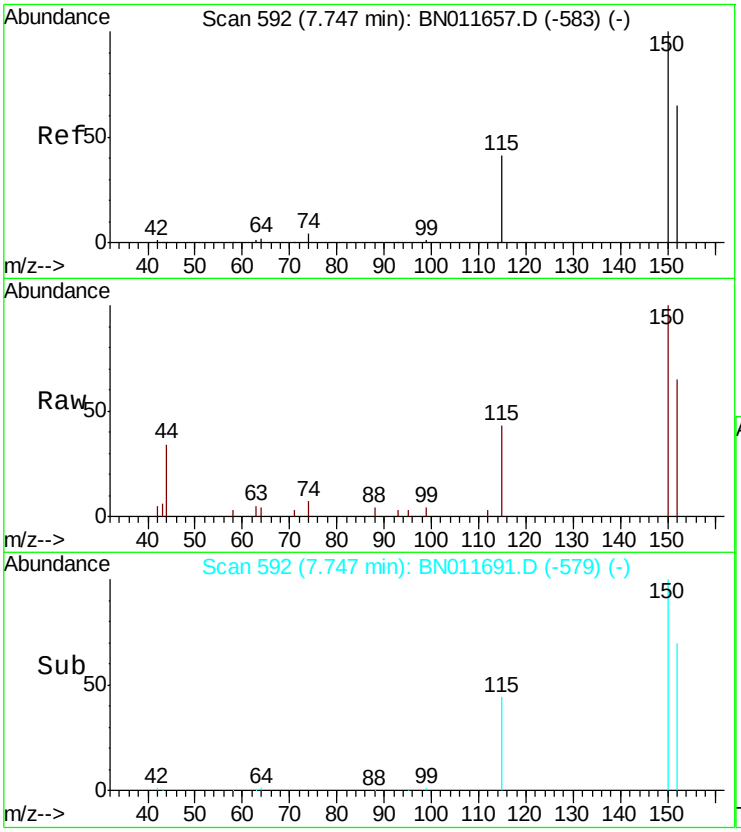
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
Data File : BN011691.D
Acq On : 03 Sep 2020 10:46
Operator : CG/JU
Sample : PB131363BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Quant Time: Sep 03 12:36:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 03 12:33:00 2020
Response via : Initial Calibration



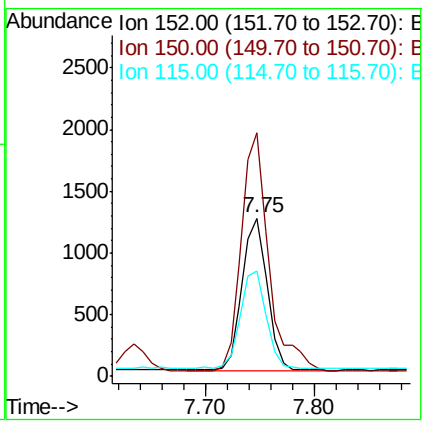


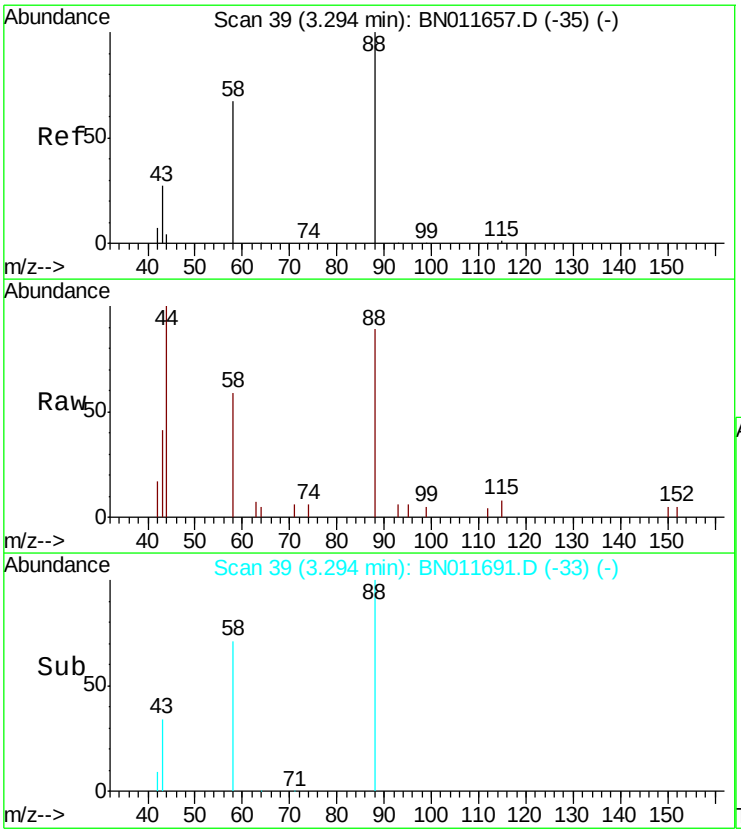
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.01 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:152 Resp: 1958

Ion	Ratio	Lower	Upper
152	100		
150	153.8	121.0	181.6
115	66.3	52.6	78.8

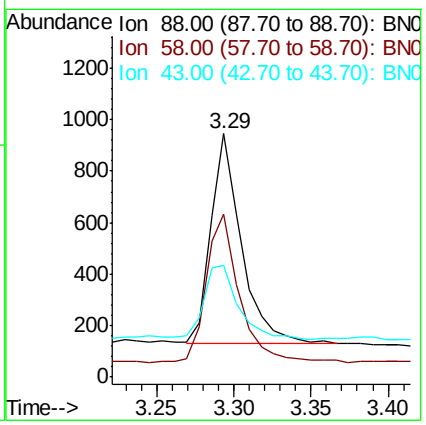


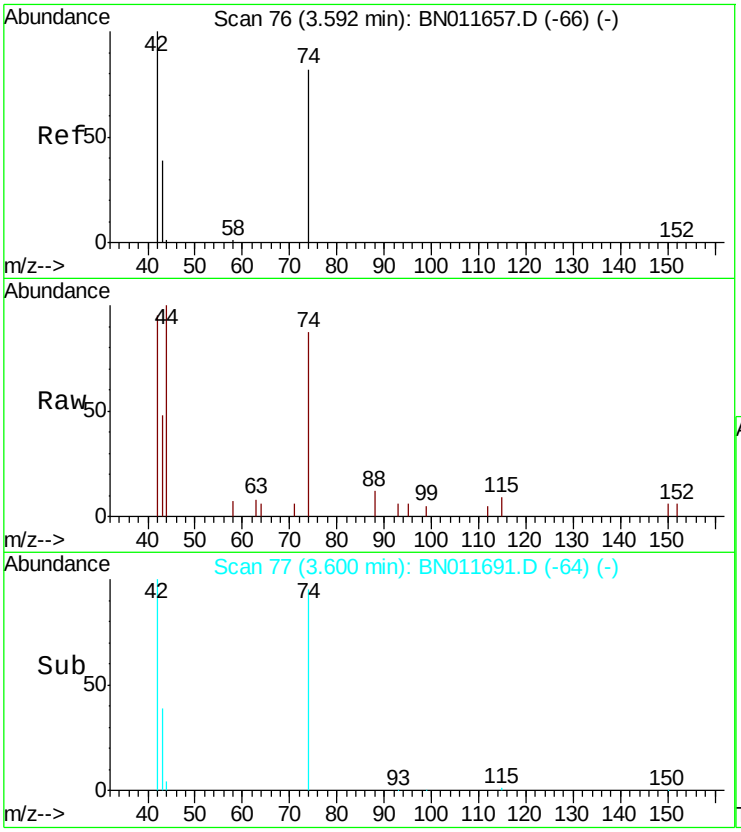


#2
1,4-Dioxane
Concen: 0.354 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion: 88 Resp: 1114

Ion	Ratio	Lower	Upper
88	100		
58	75.9	61.4	92.0
43	40.9	29.8	44.8



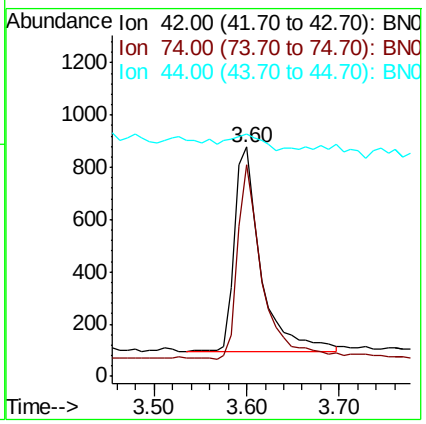


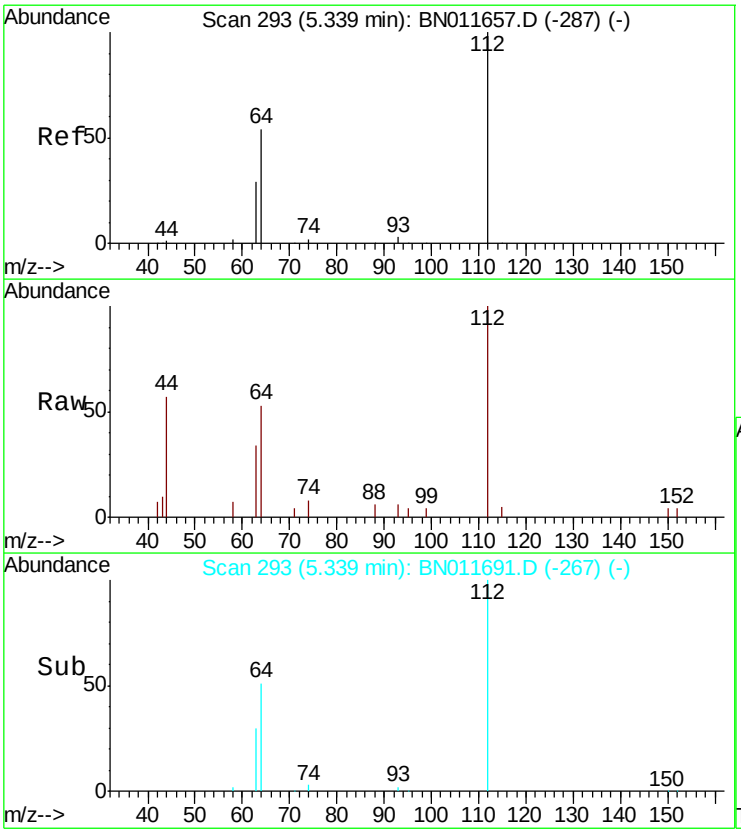
#3
n-Nitrosodimethylamine
Concen: 0.427 ng
RT: 3.60 min Scan# 77
Delta R.T. 0.01 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion: 42 Resp: 1552

Ion	Ratio	Lower	Upper
42	100		
74	85.9	79.0	118.6
44	7.6	8.1	12.1#

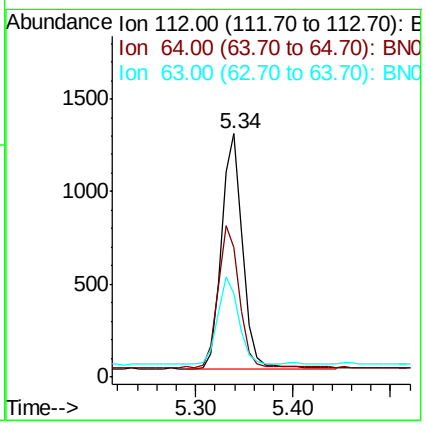


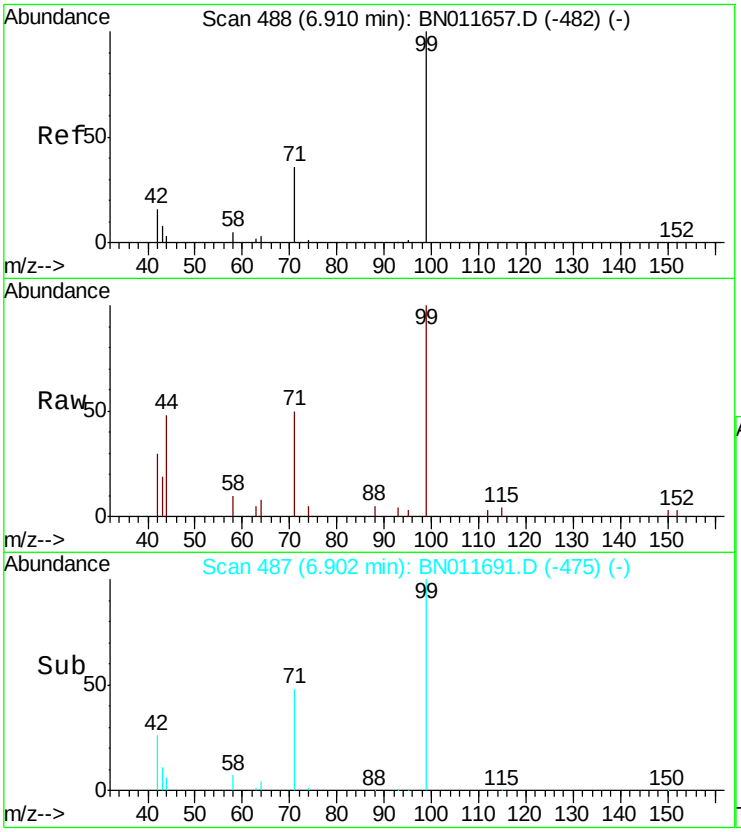


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.34 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:112 Resp: 1930

Ion	Ratio	Lower	Upper
112	100		
64	60.7	49.7	74.5
63	37.2	29.4	44.0



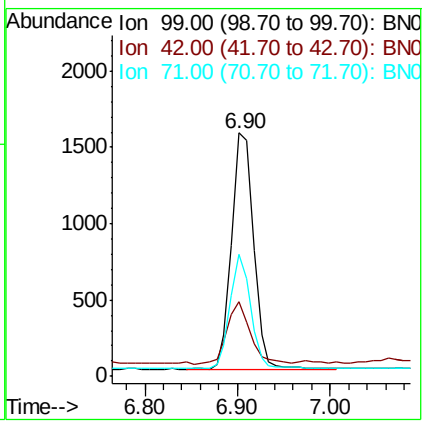


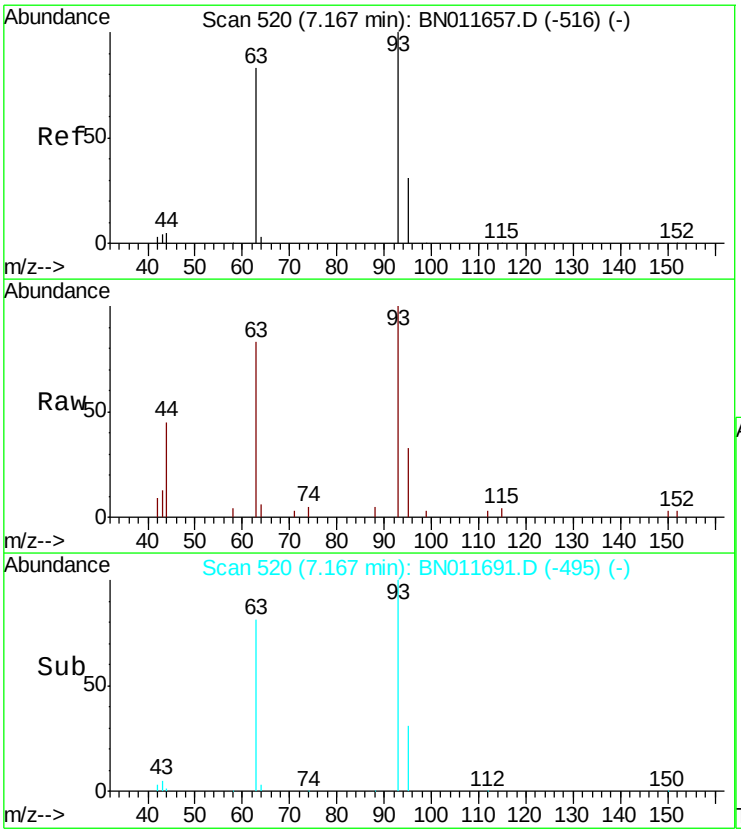
#5
Phenol-d6
Concen: 0.338 ng
RT: 6.90 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion: 99 Resp: 2541

Ion	Ratio	Lower	Upper
99	100		
42	27.3	20.2	30.2
71	45.1	33.3	49.9

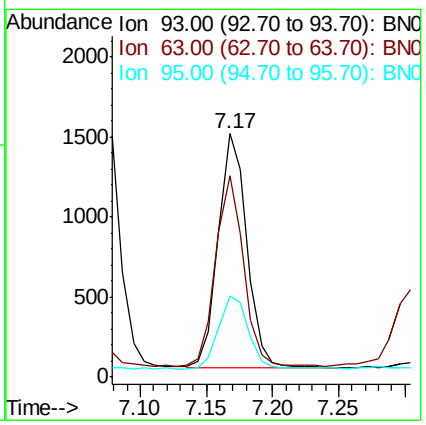


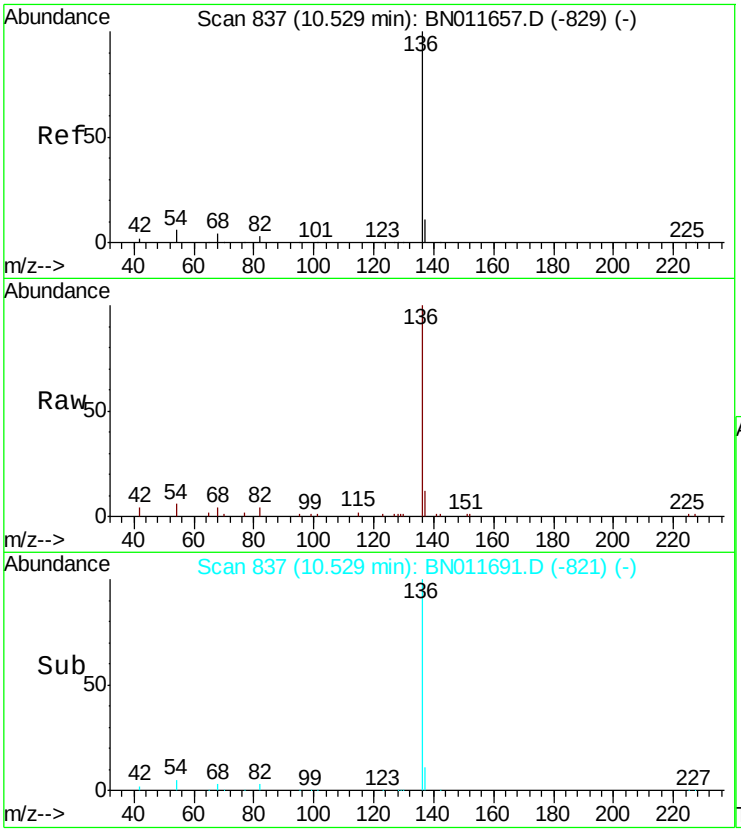


#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 7.17 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion: 93 Resp: 2212

Ion	Ratio	Lower	Upper
93	100		
63	78.3	62.2	93.4
95	32.7	26.6	39.8



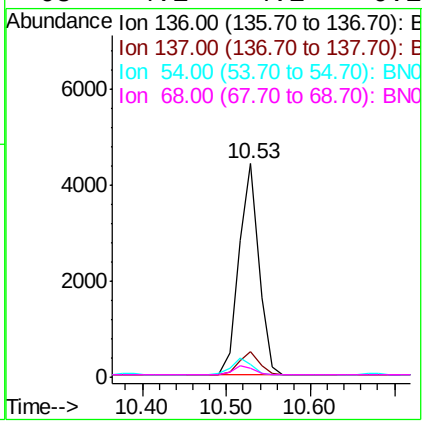


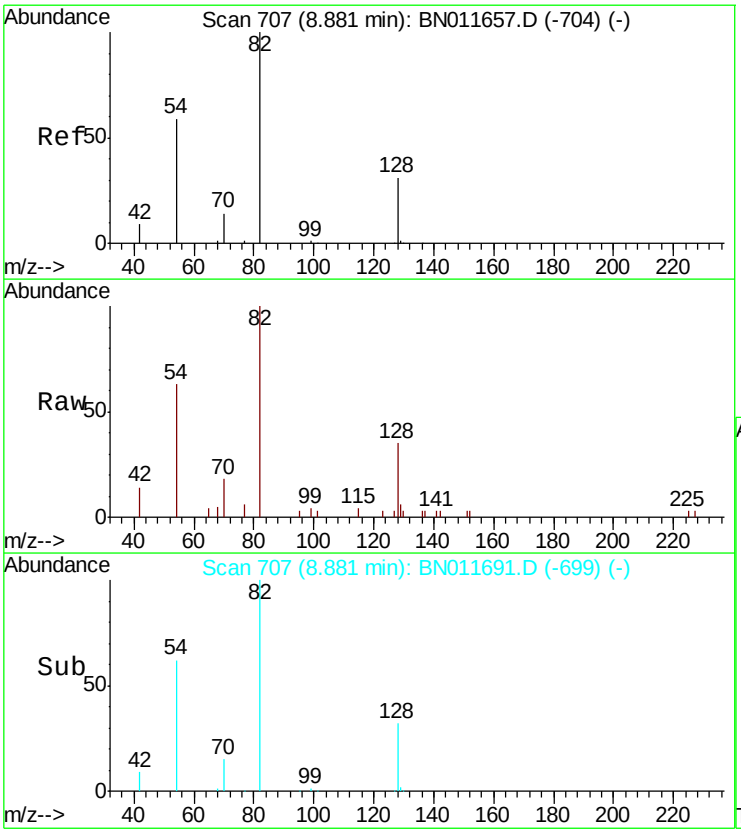
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.53 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:136 Resp: 7235

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	6.1	5.8	8.8
68	4.1	4.1	6.1

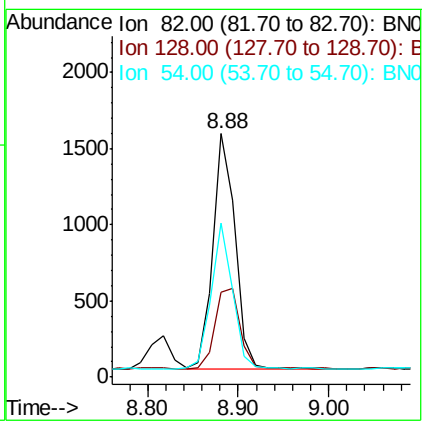


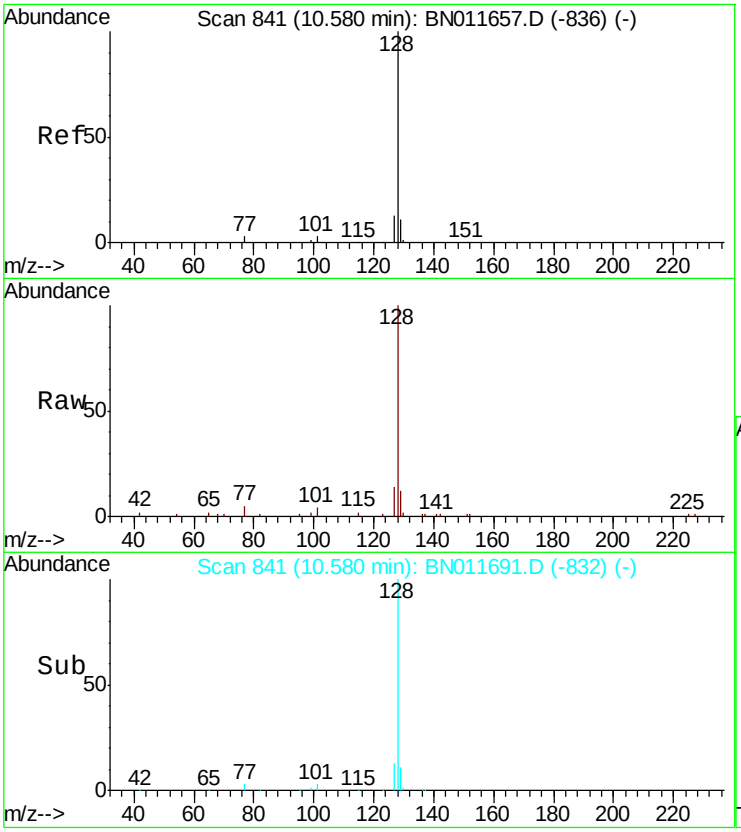


#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.88 min Scan# 707
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion: 82 Resp: 2606

Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.2	39.2
54	63.3	48.2	72.4



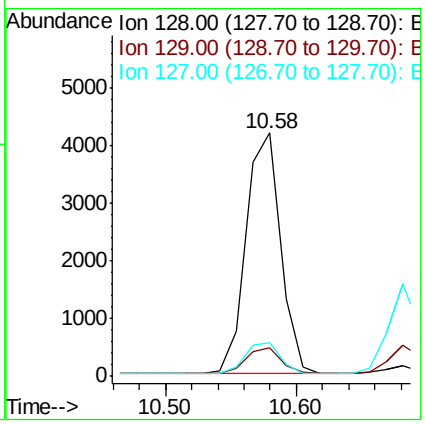


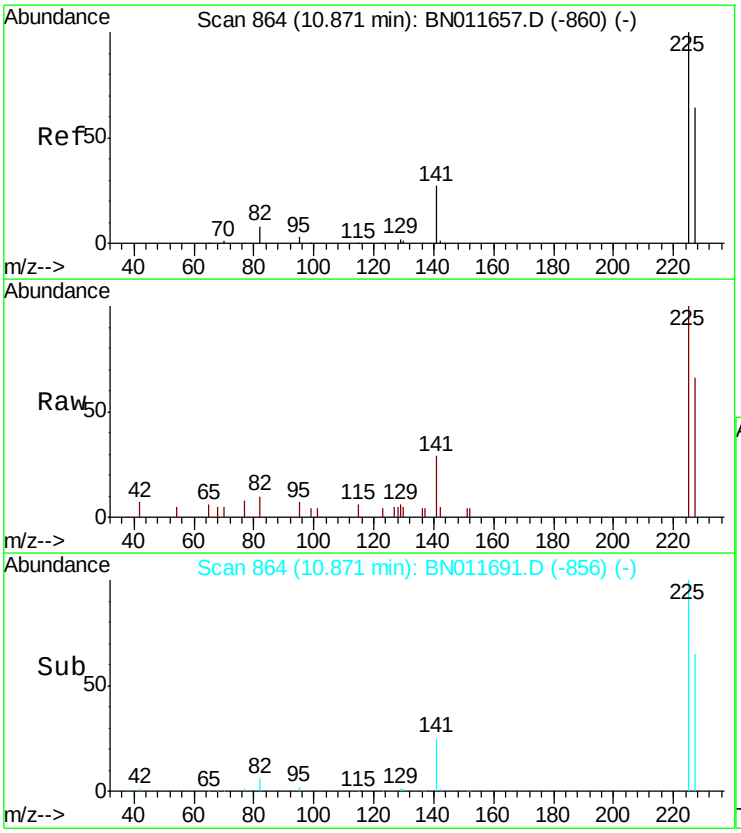
#9
Naphthalene
Concen: 0.366 ng
RT: 10.58 min Scan# 841
Delta R.T. 0.01 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:128 Resp: 7577

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	13.8	10.8	16.2

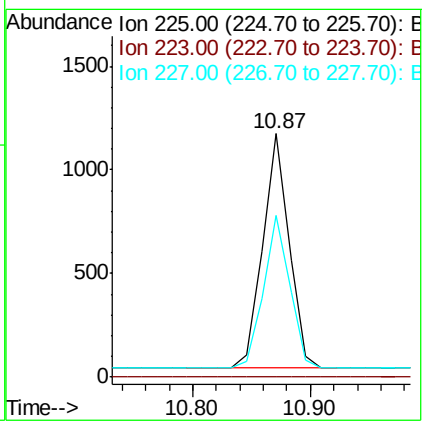


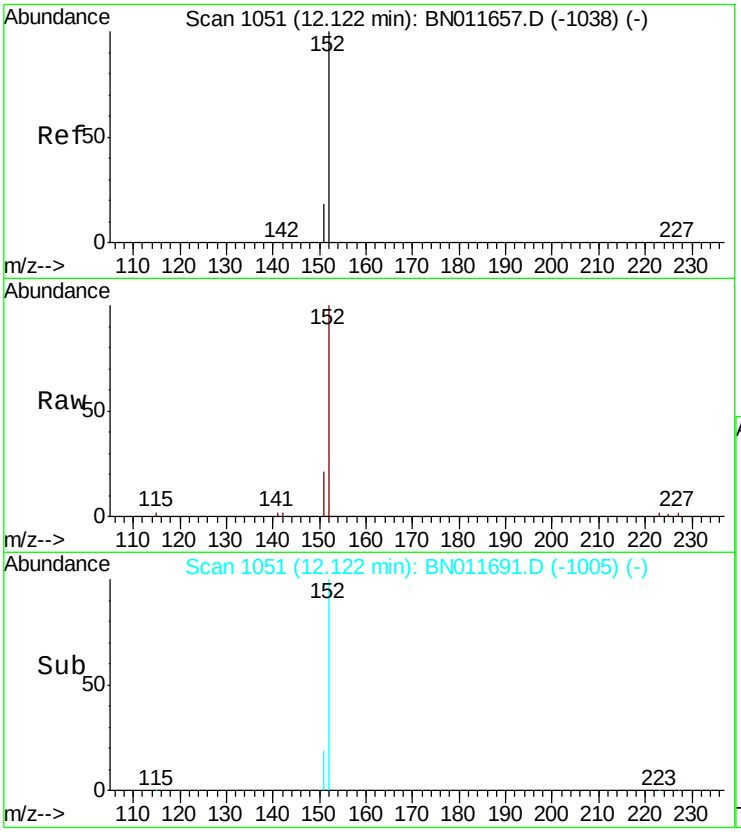


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.87 min Scan# 864
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:225 Resp: 1773

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	52.6	78.8



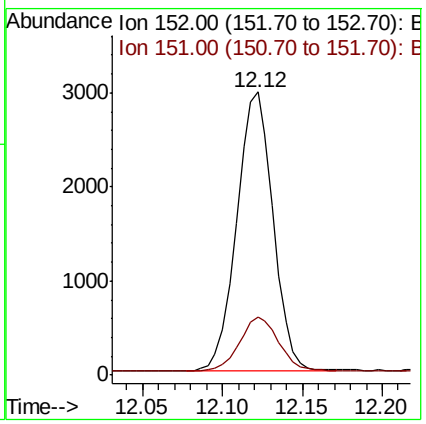


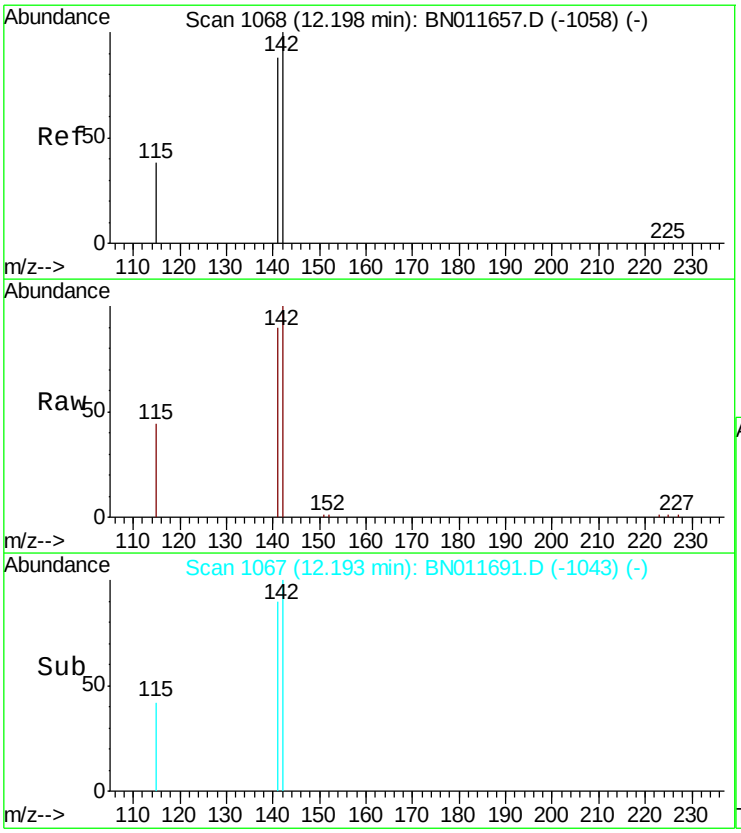
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.12 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:152 Resp: 4660

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1

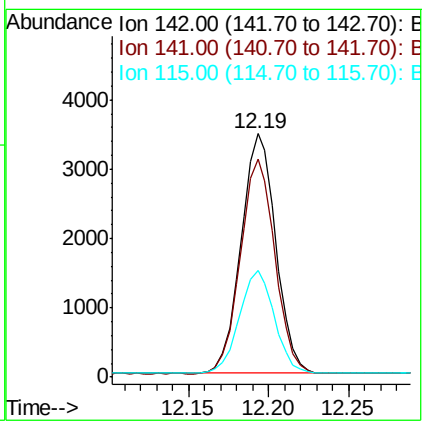


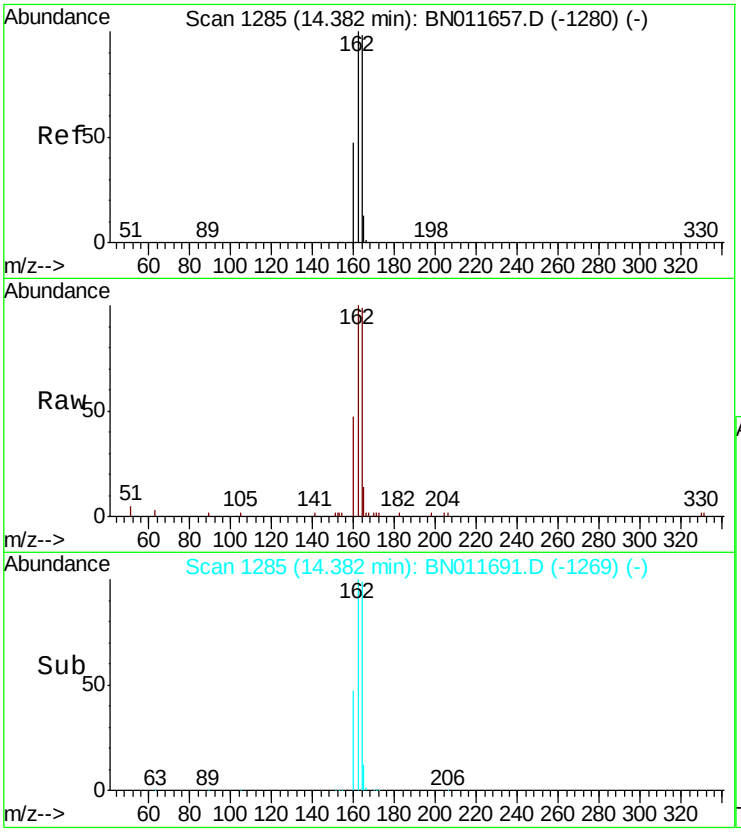


#12
2-Methylnaphthalene
Concen: 0.356 ng
RT: 12.19 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:142 Resp: 5245

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.6	106.0
115	43.7	31.3	46.9



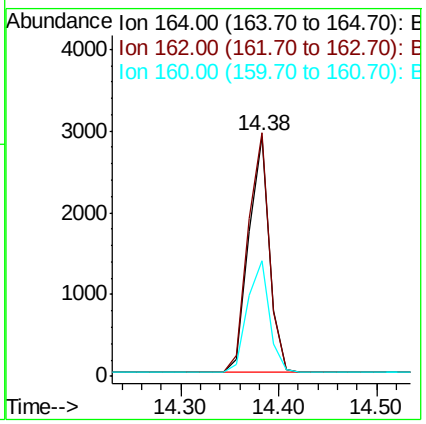


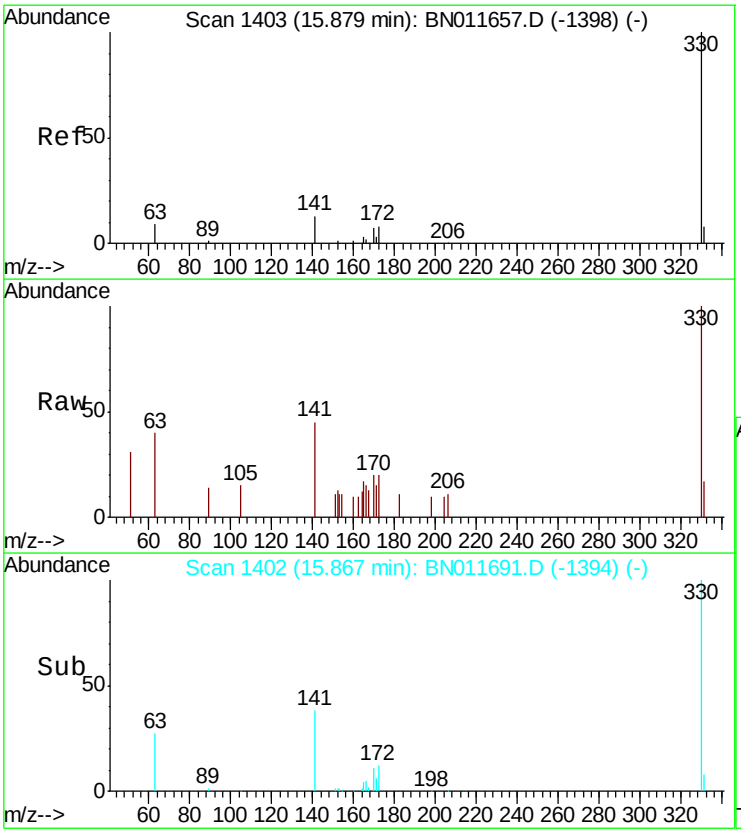
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:164 Resp: 4277

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	48.0	38.5	57.7

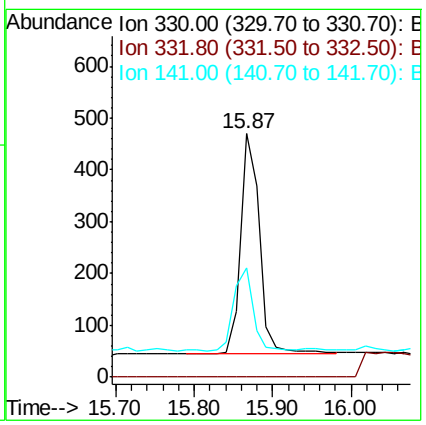


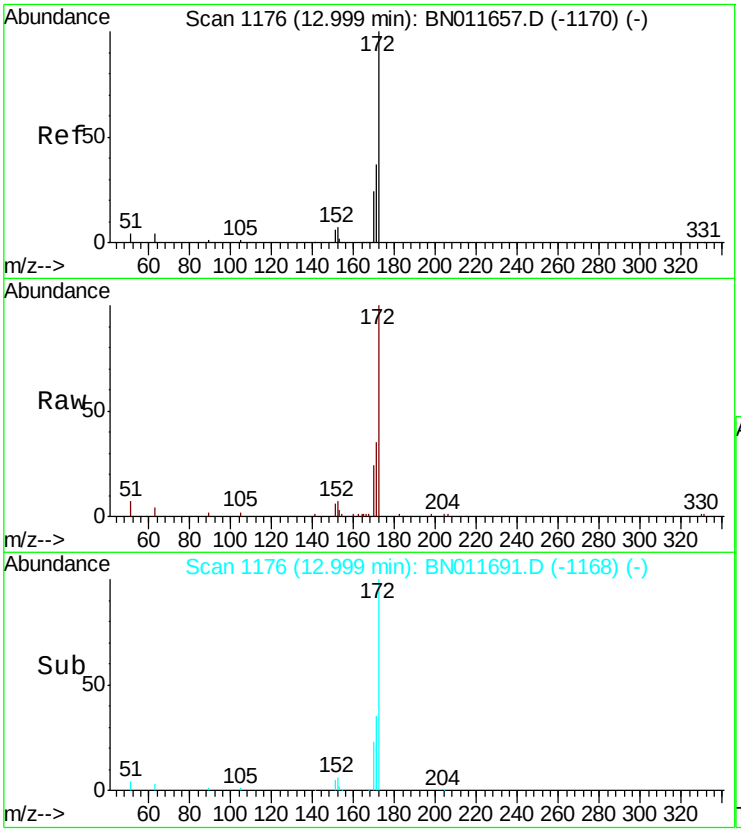


#14
2,4,6-Tribromophenol
Concen: 0.340 ng
RT: 15.87 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:330 Resp: 706

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.0	29.8	44.8



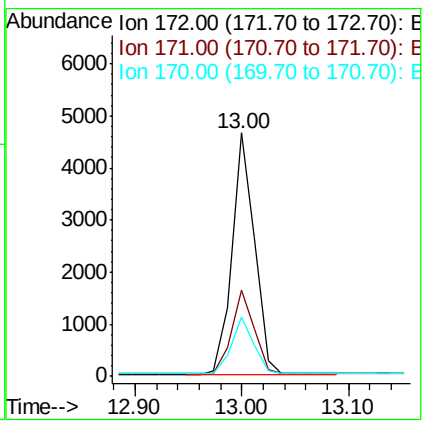


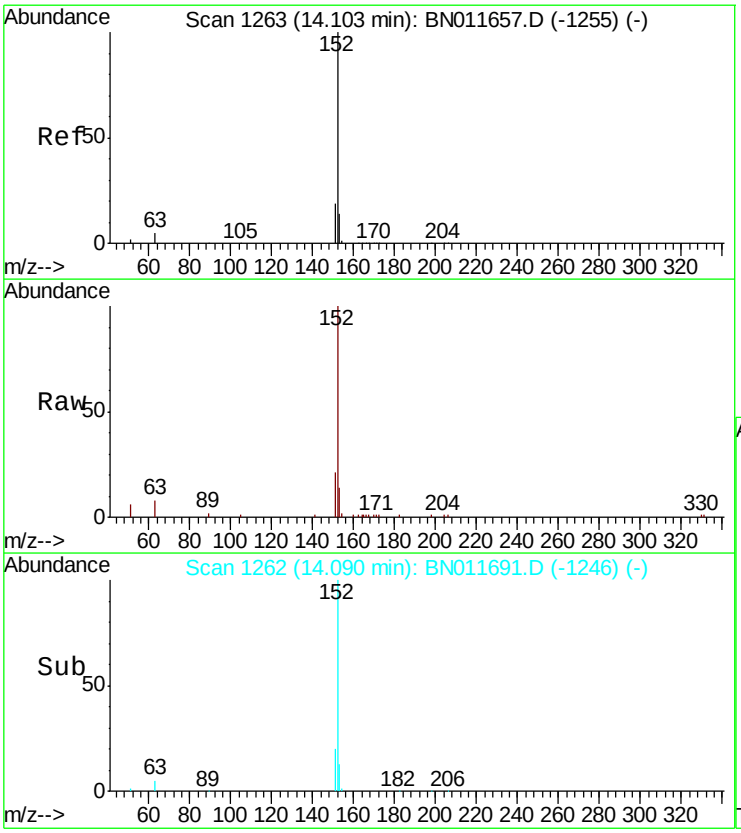
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:172 Resp: 6761

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	24.2	20.1	30.1

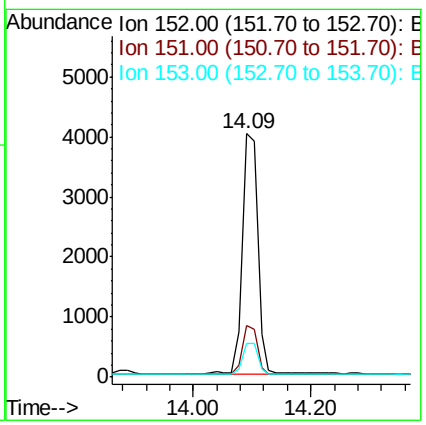


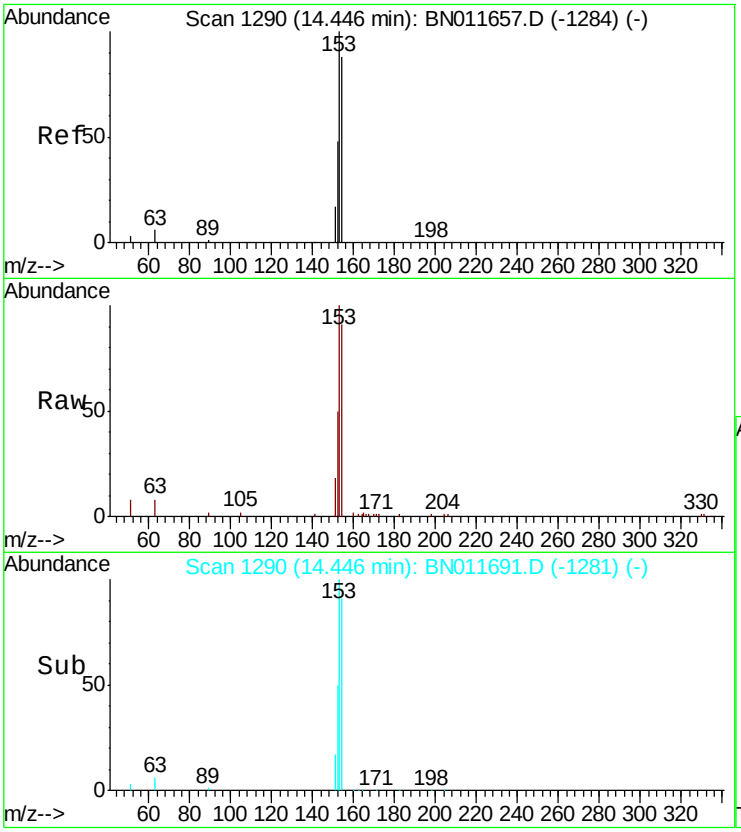


#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:152 Resp: 7252

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.0	10.5	15.7



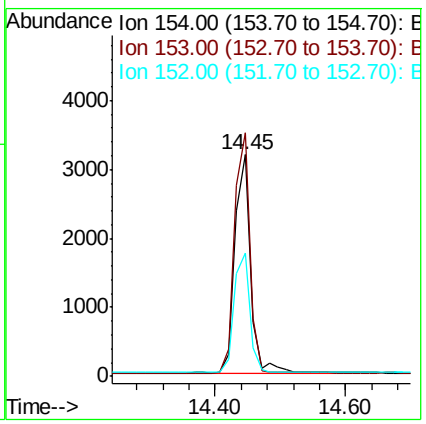


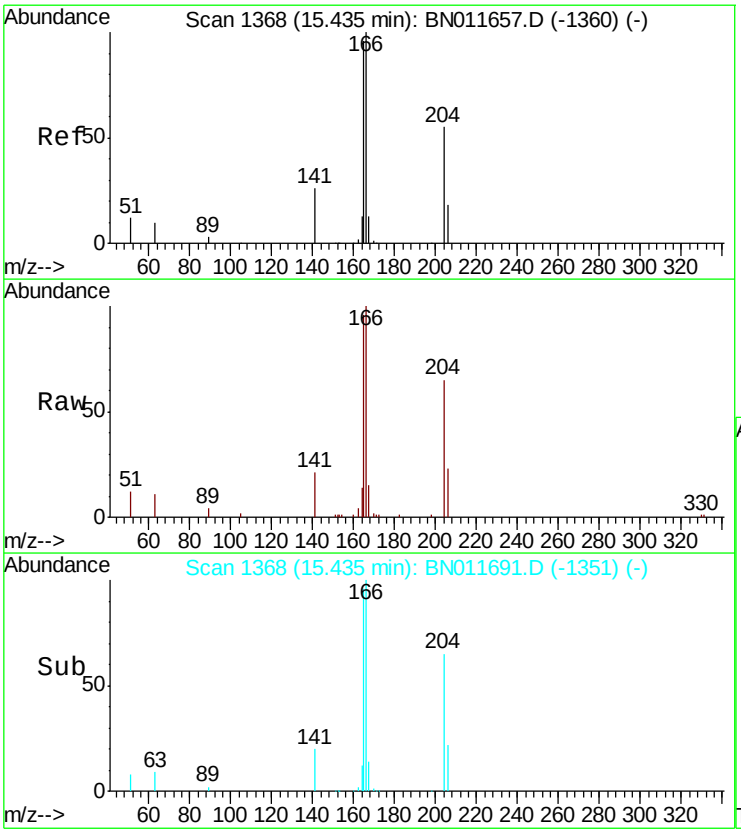
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.45 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:154 Resp: 5280

Ion	Ratio	Lower	Upper
154	100		
153	106.9	89.2	133.8
152	55.3	44.1	66.1

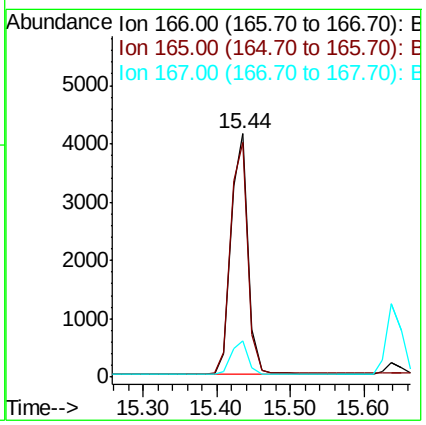


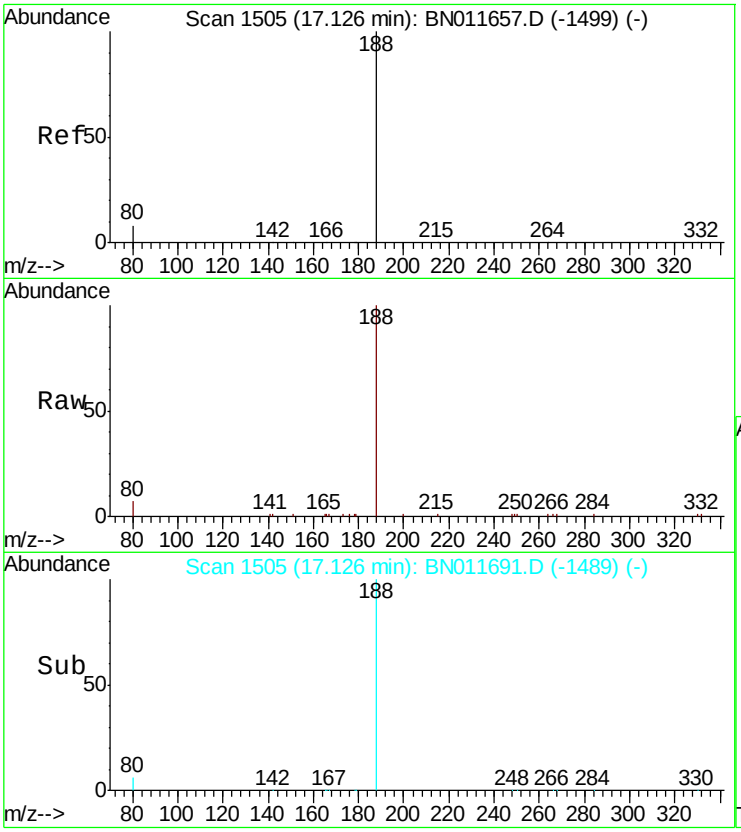


#18
Fluorene
Concen: 0.358 ng
RT: 15.44 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:166 Resp: 6589

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.7	116.5
167	13.6	11.0	16.4



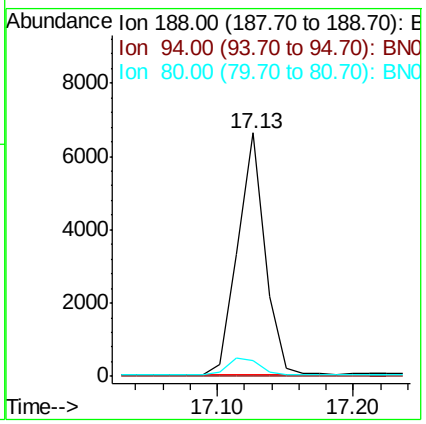


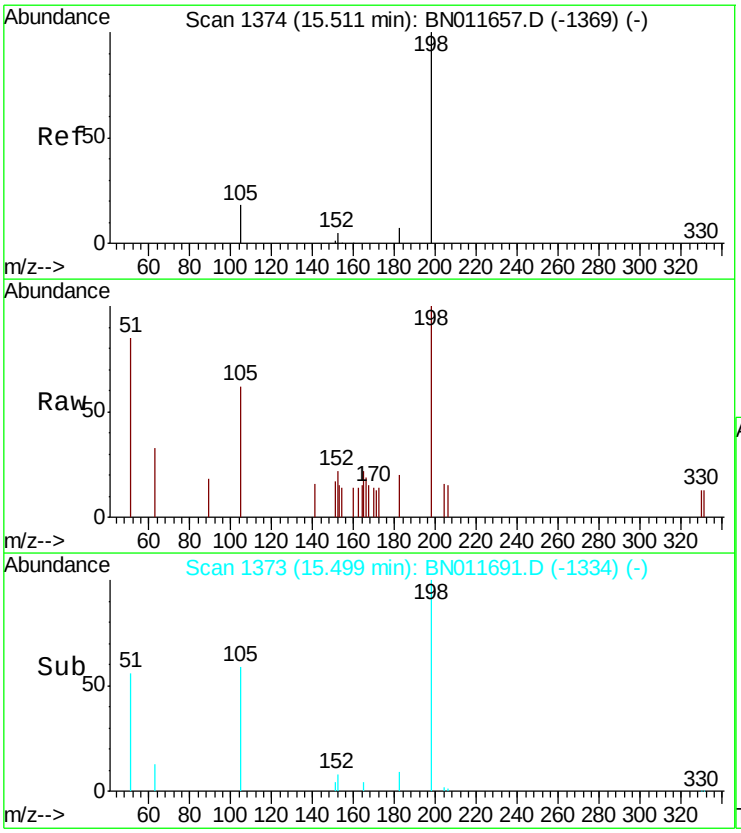
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:188 Resp: 9164

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	6.6	9.8

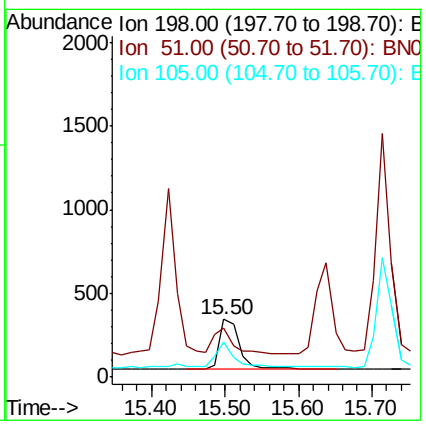


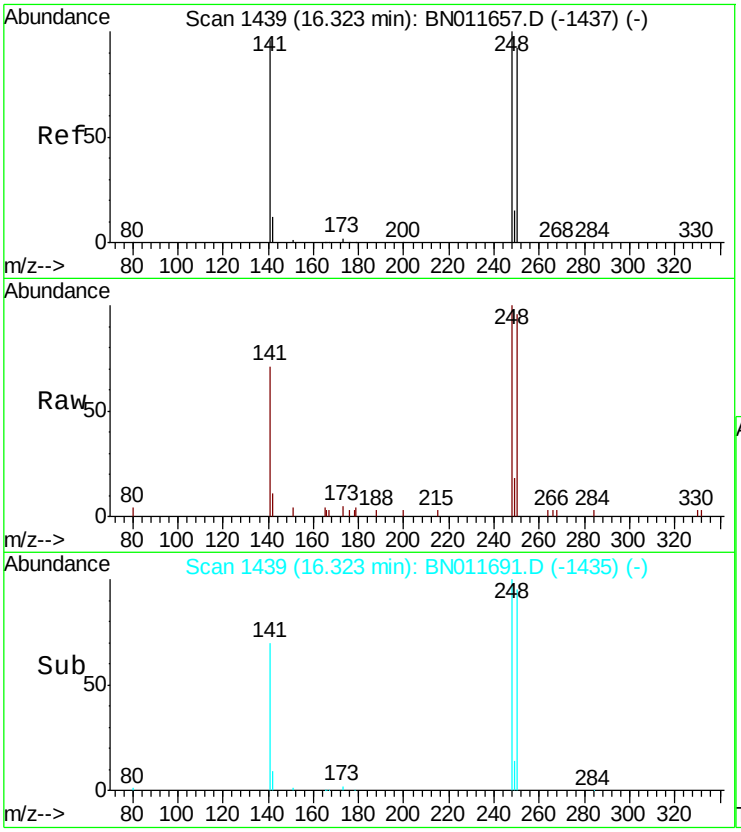


#20
4,6-Dinitro-2-methylphenol
Concen: 0.410 ng
RT: 15.50 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:198 Resp: 580

Ion	Ratio	Lower	Upper
198	100		
51	85.1	58.6	87.8
105	61.8	31.7	47.5#



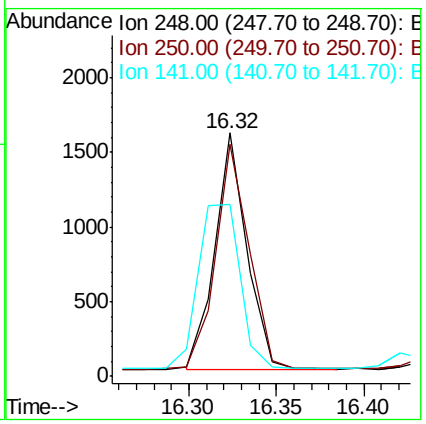


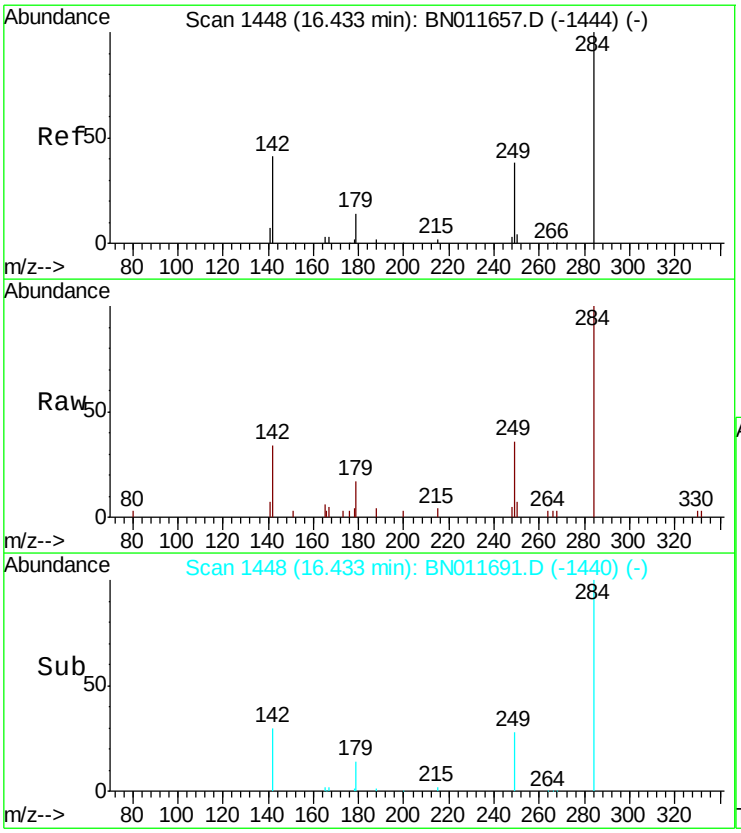
#21
4-Bromophenyl-phenylether
Concen: 0.373 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:248 Resp: 2005

Ion	Ratio	Lower	Upper
248	100		
250	95.5	73.9	110.9
141	70.8	79.8	119.6#

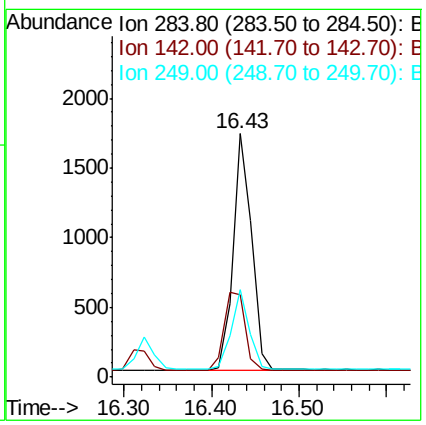


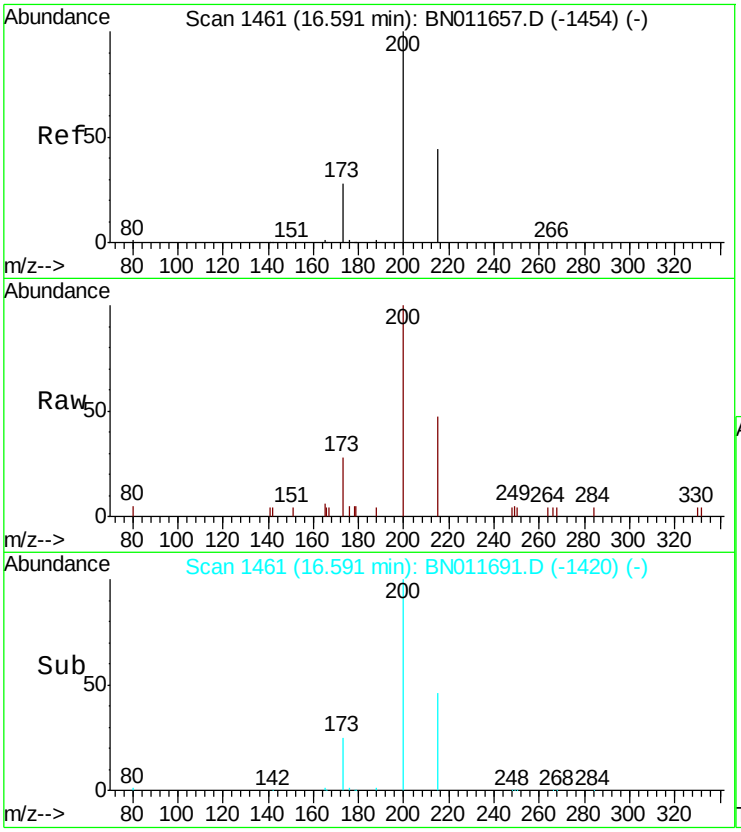


#22
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:284 Resp: 2512

Ion	Ratio	Lower	Upper
284	100		
142	37.5	29.0	43.4
249	31.8	25.7	38.5



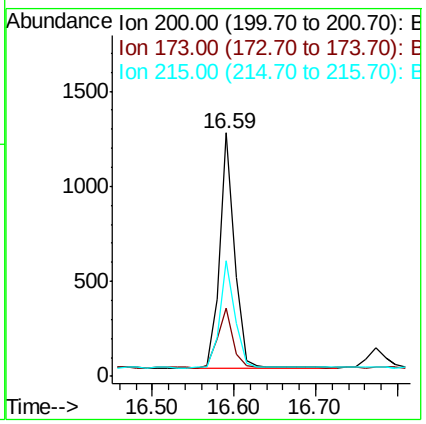


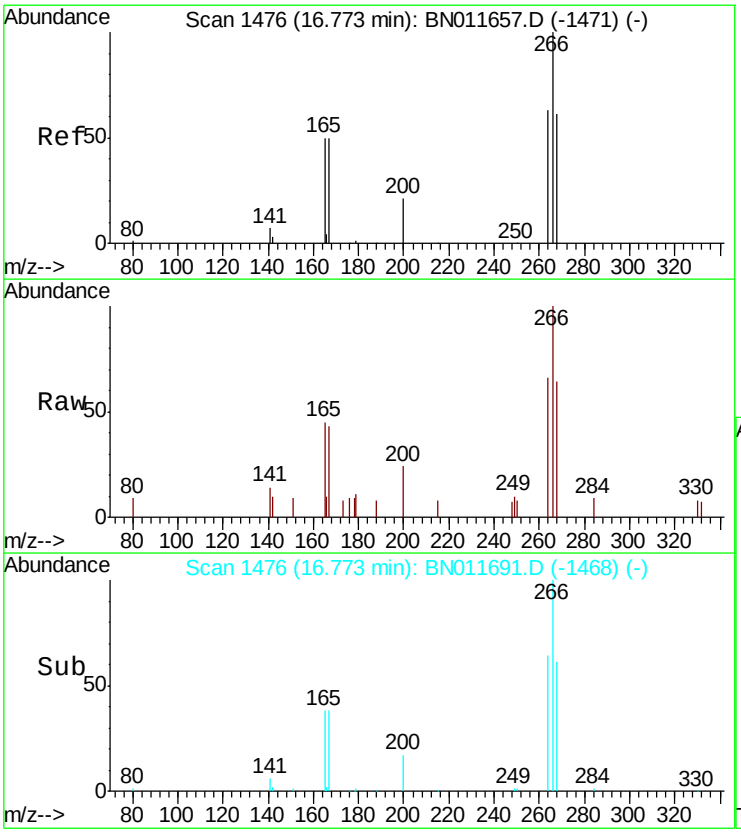
#23
Atrazine
Concen: 0.335 ng
RT: 16.59 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:200 Resp: 1578

Ion	Ratio	Lower	Upper
200	100		
173	27.9	24.3	36.5
215	47.5	36.4	54.6

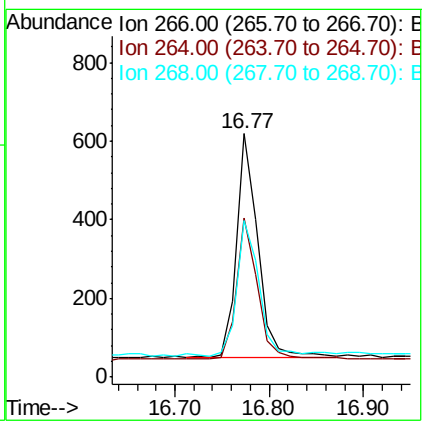


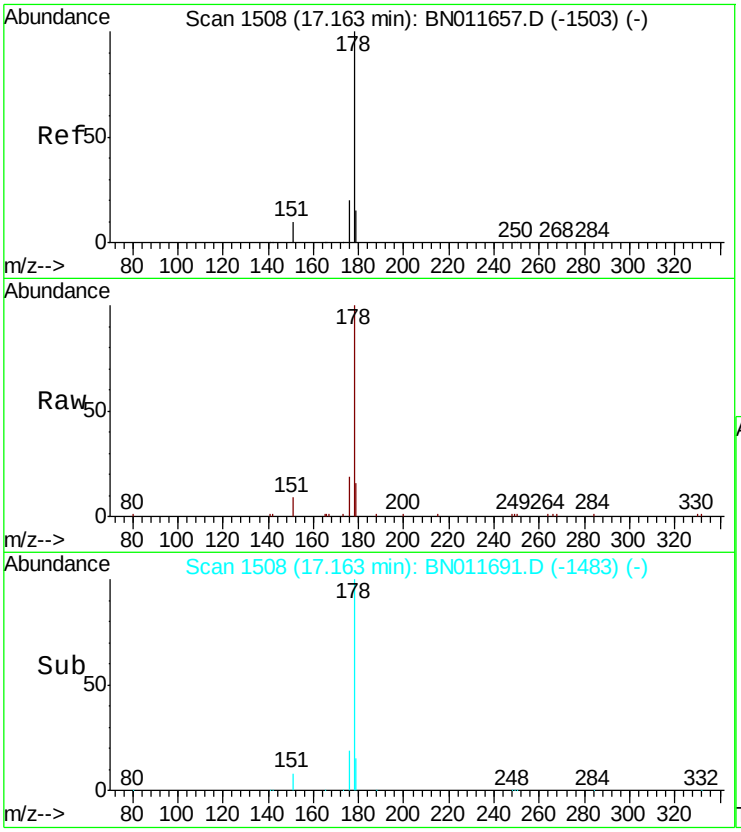


#24
Pentachlorophenol
Concen: 0.337 ng
RT: 16.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:266 Resp: 887

Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.5	74.3
268	64.8	53.0	79.4



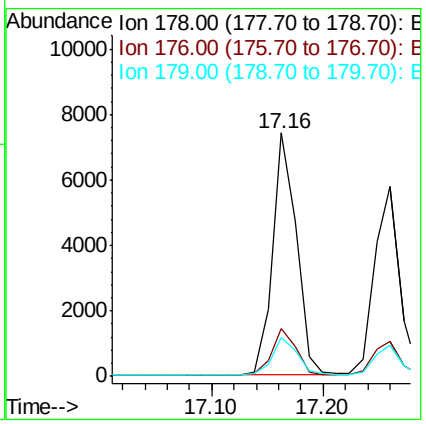


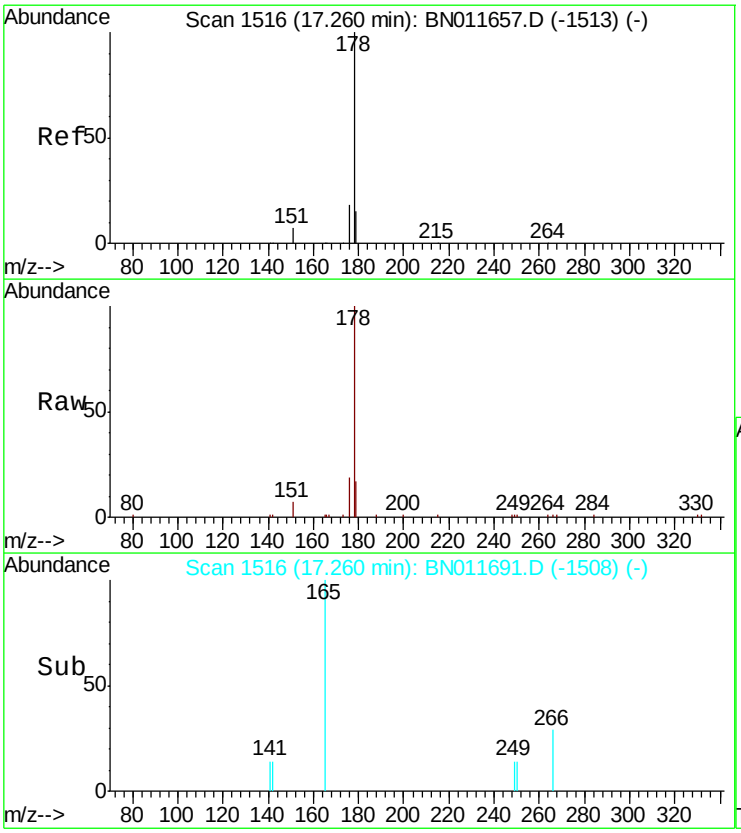
#25
Phenanthrene
Concen: 0.364 ng
RT: 17.16 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:178 Resp: 10789

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.5	12.4	18.6

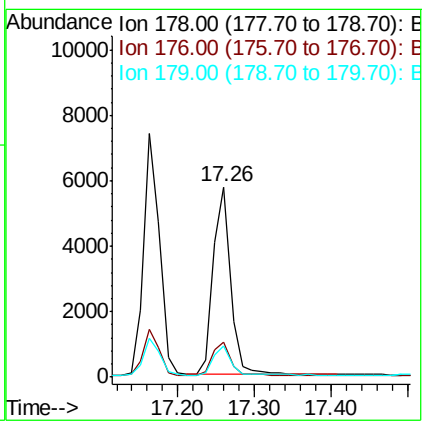


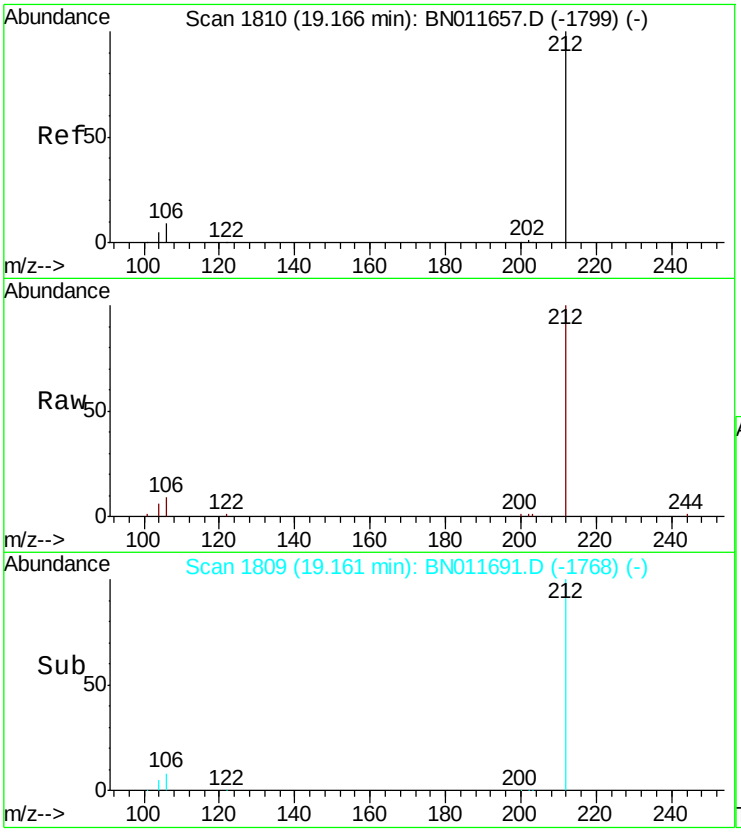


#26
Anthracene
Concen: 0.346 ng
RT: 17.26 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:178 Resp: 9093

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.5	12.2	18.4



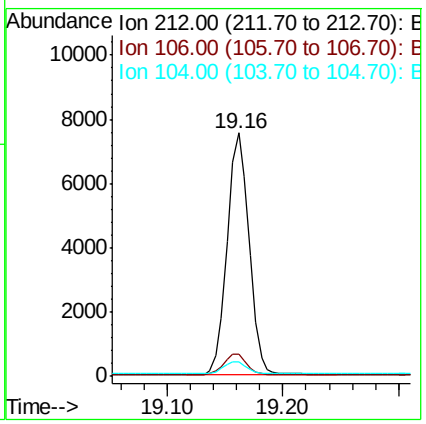


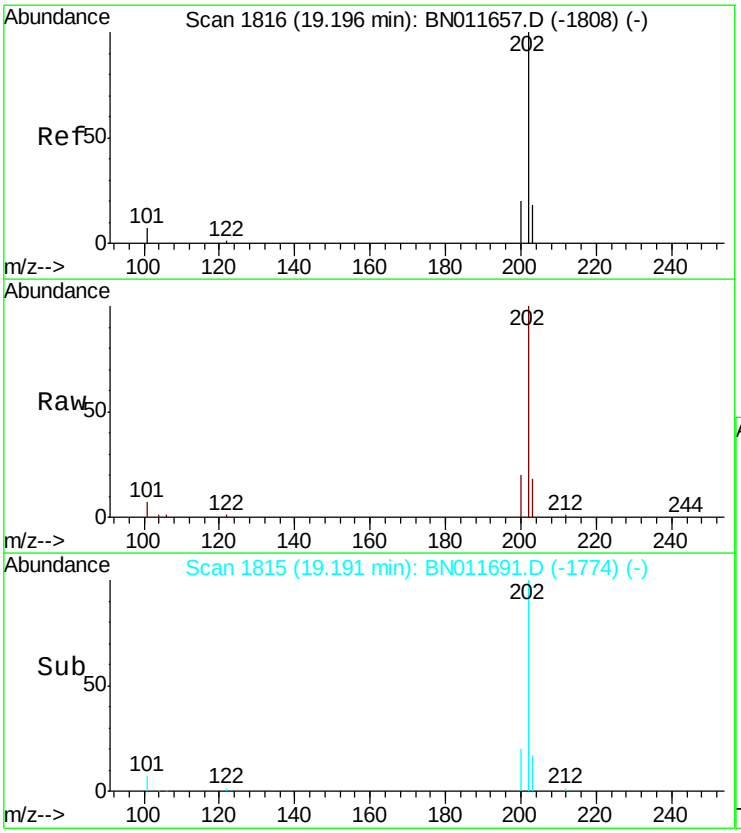
#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.16 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:212 Resp: 9959

Ion	Ratio	Lower	Upper
212	100		
106	8.8	7.6	11.4
104	5.3	4.6	6.8

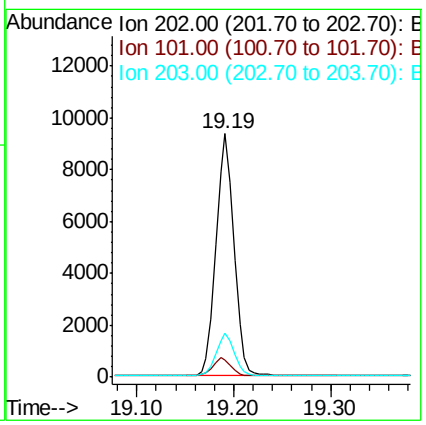


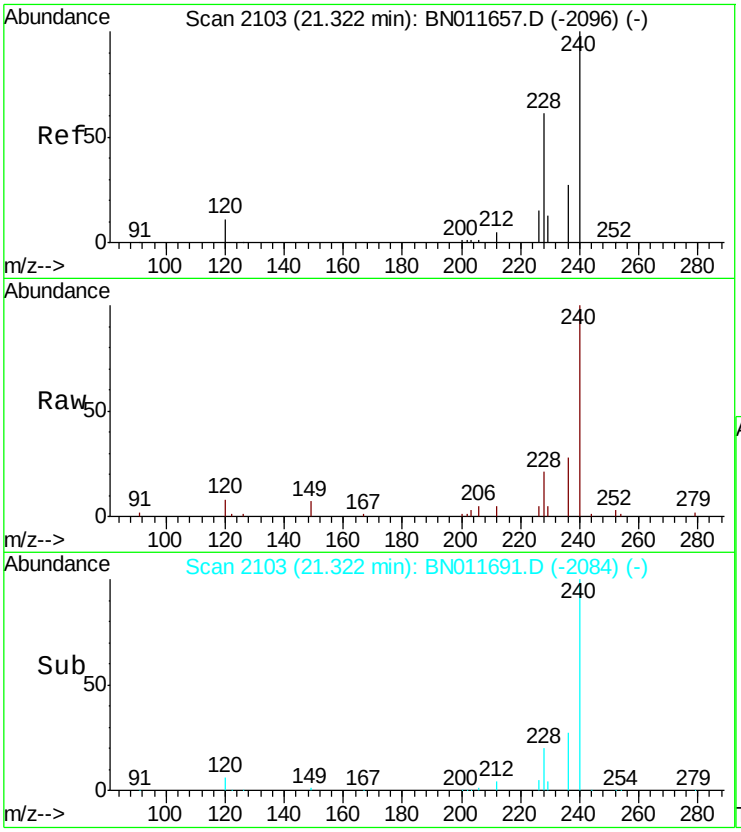


#28
Fluoranthene
Concen: 0.343 ng
RT: 19.19 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:202 Resp: 12044

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.5	9.7
203	17.1	13.8	20.6



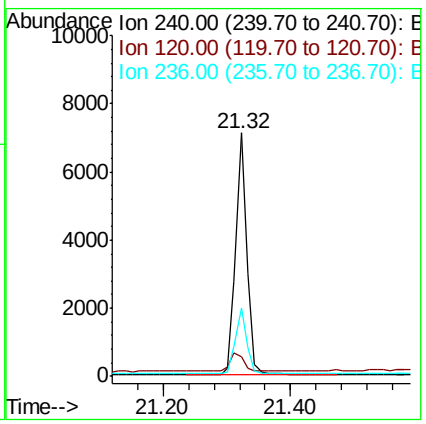


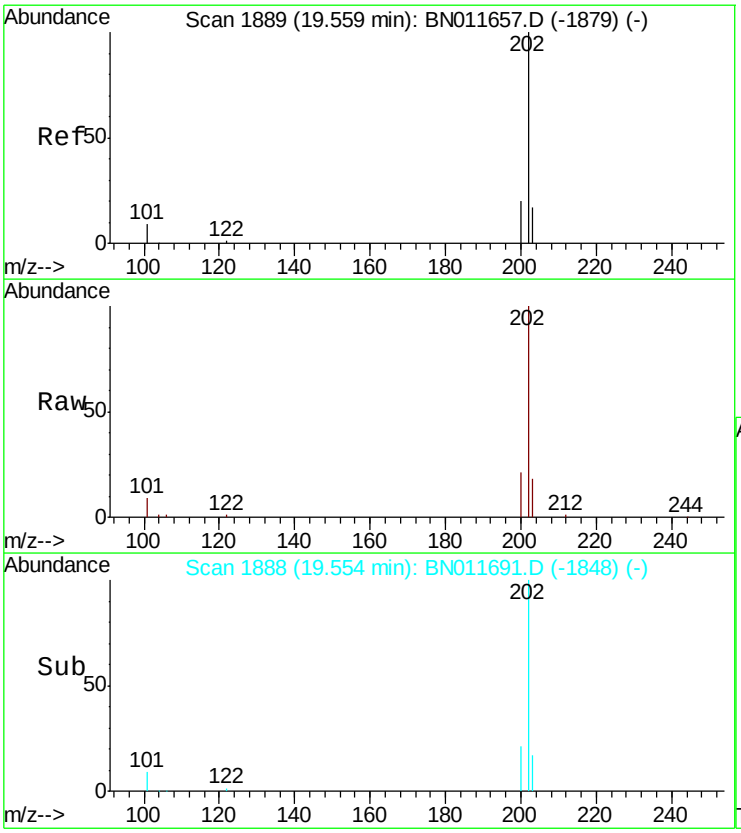
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:240 Resp: 8631

Ion	Ratio	Lower	Upper
240	100		
120	7.9	9.9	14.9#
236	27.8	22.2	33.4

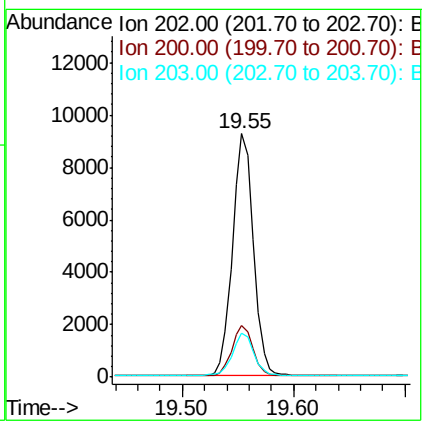


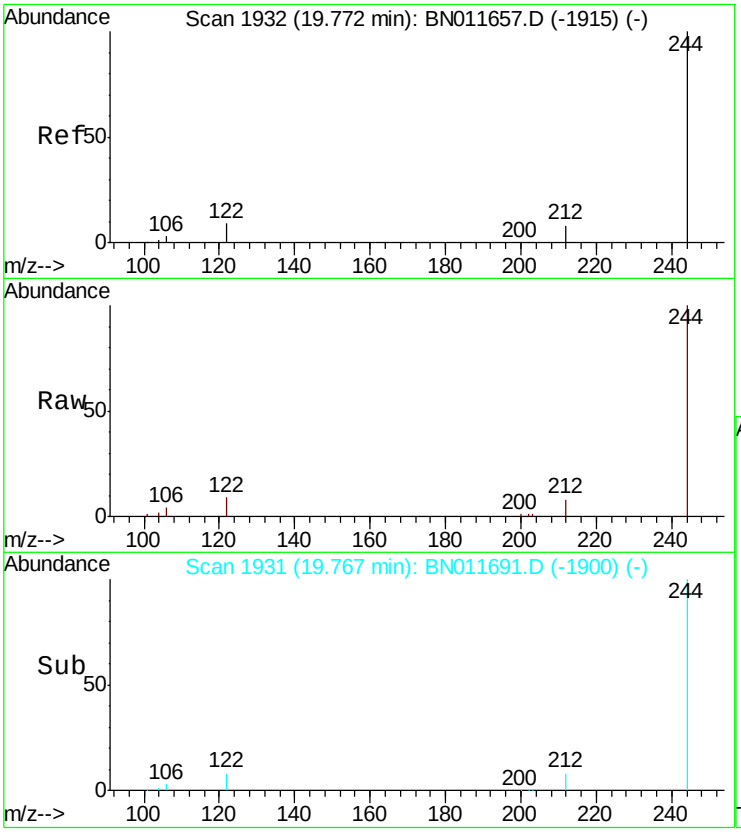


#30
Pyrene
Concen: 0.402 ng
RT: 19.55 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:202 Resp: 12073

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.6	14.1	21.1



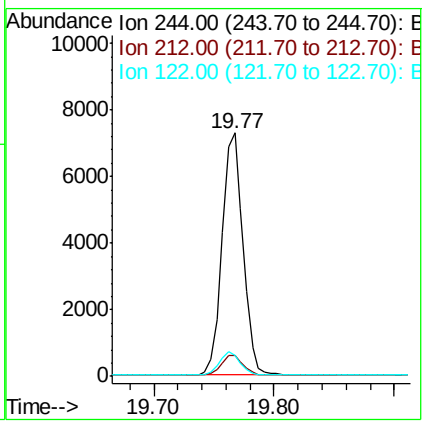


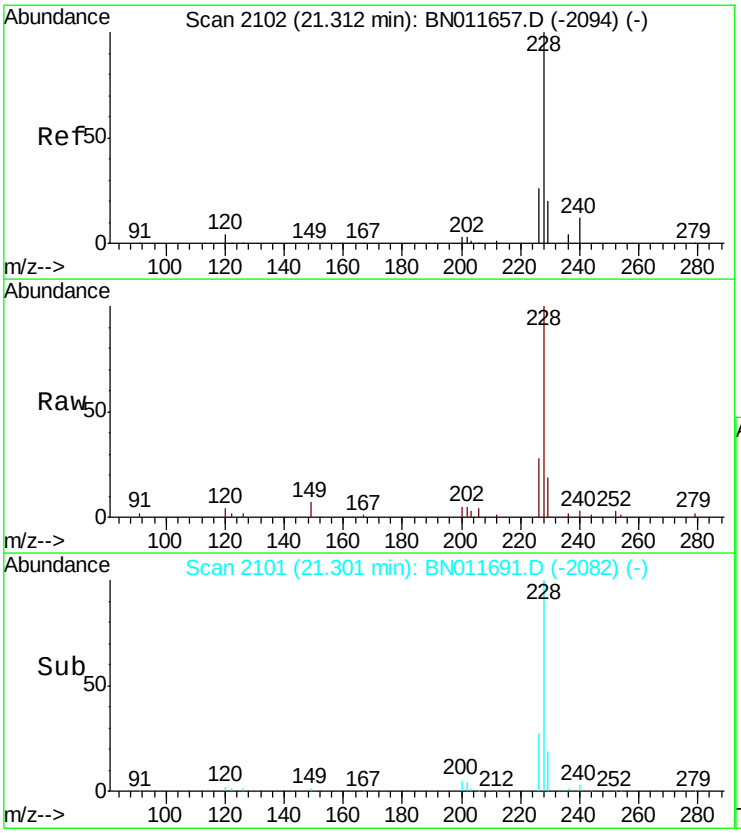
#31
Terphenyl-d14
Concen: 0.409 ng
RT: 19.77 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:244 Resp: 8766

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	8.6	7.4	11.2

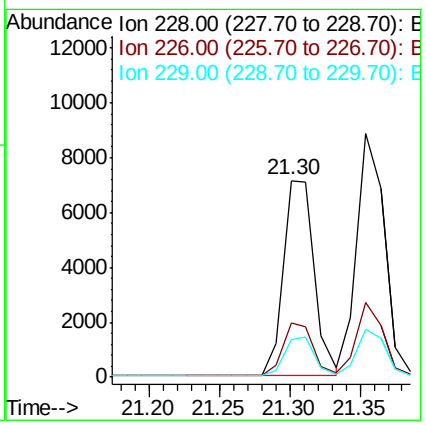


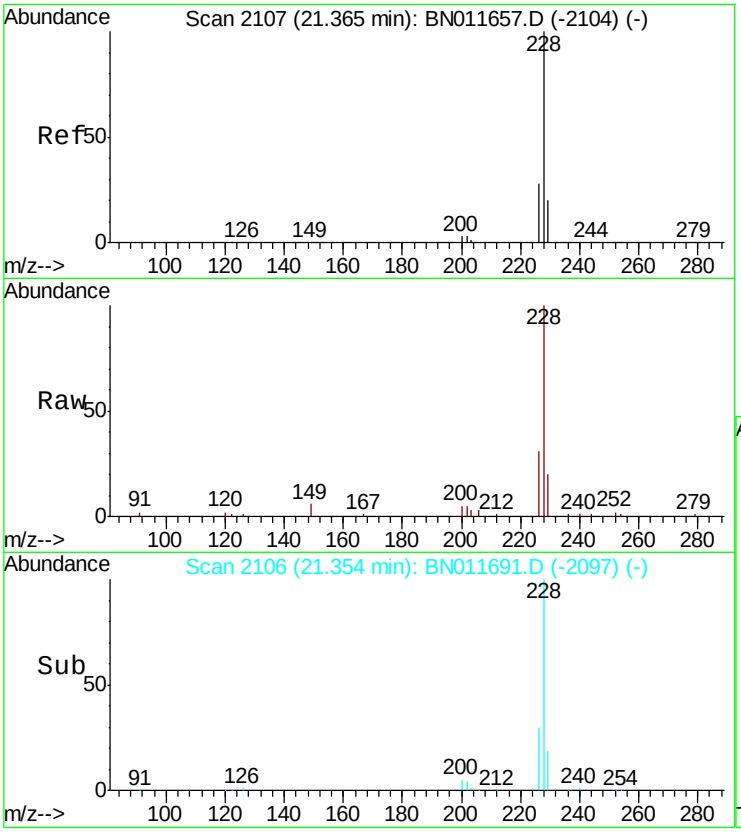


#32
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.30 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:228 Resp: 10953

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.2	31.8
229	19.1	16.0	24.0



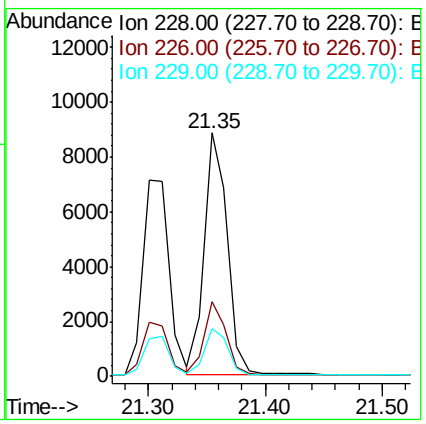


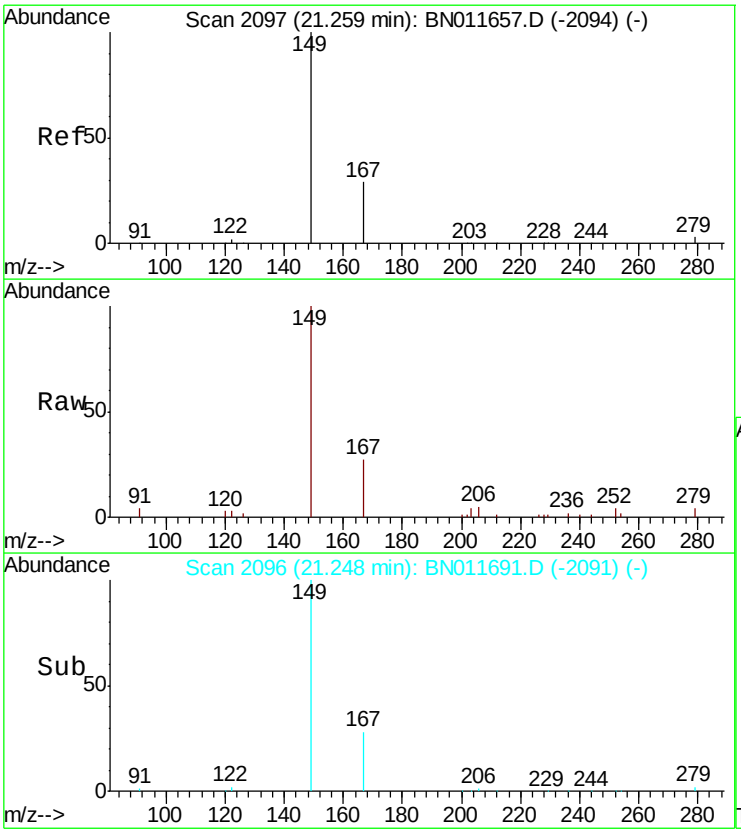
#33
Chrysene
Concen: 0.381 ng
RT: 21.35 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:228 Resp: 12102

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.7	34.1
229	19.6	15.9	23.9

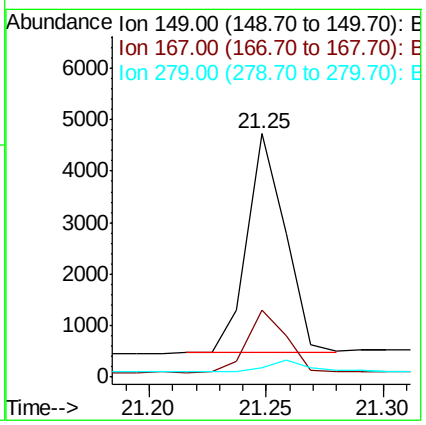


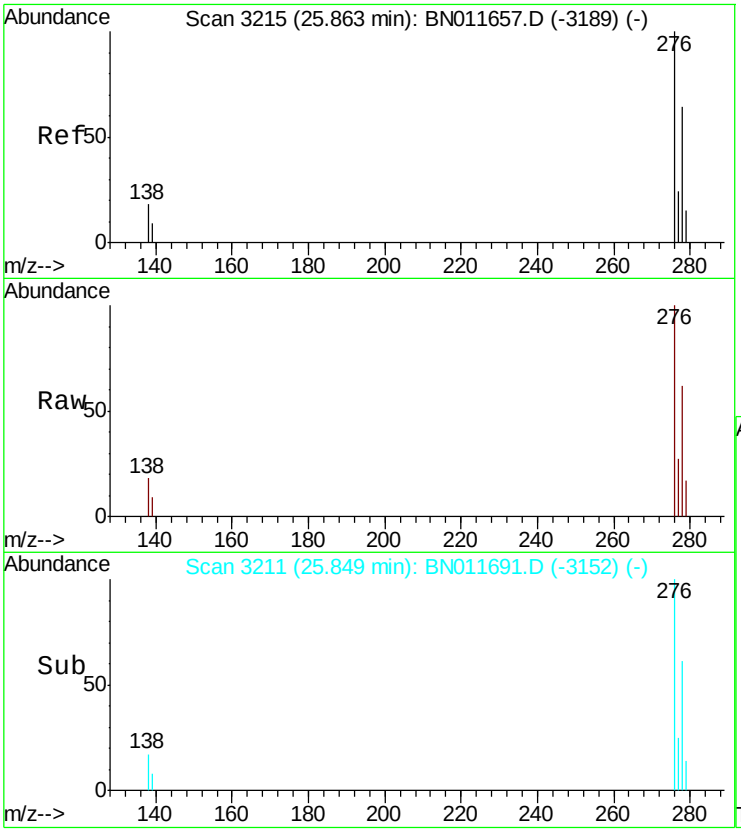


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.387 ng
RT: 21.25 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:149 Resp: 4853

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.2	34.8
279	5.5	4.0	6.0



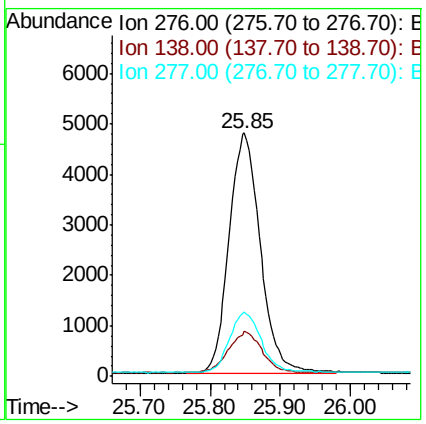


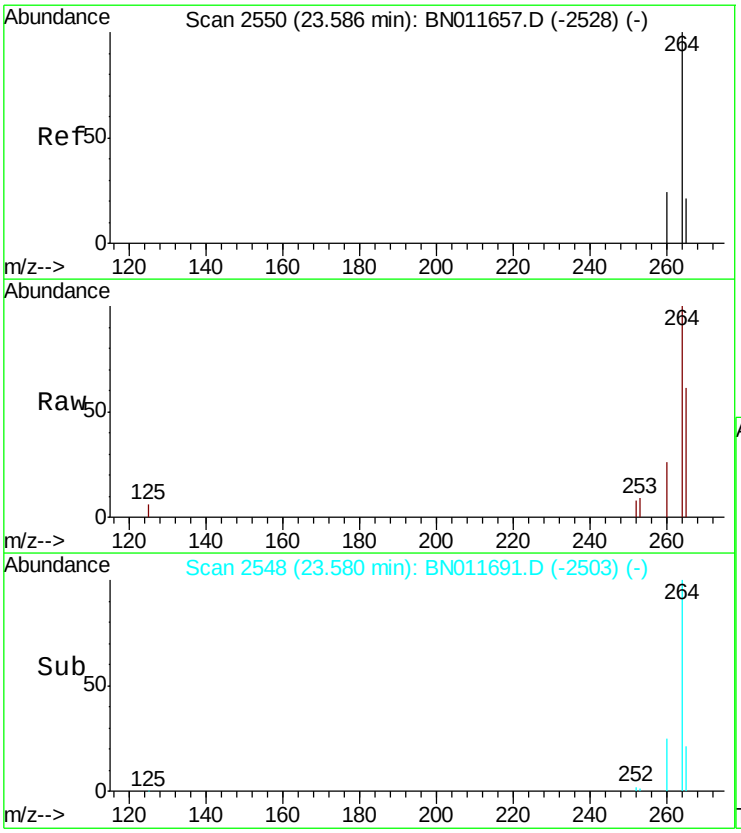
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng
RT: 25.85 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:276 Resp: 14895

Ion	Ratio	Lower	Upper
276	100		
138	18.1	15.4	23.2
277	25.1	20.1	30.1

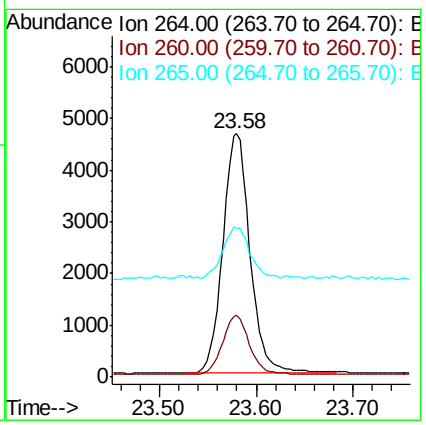


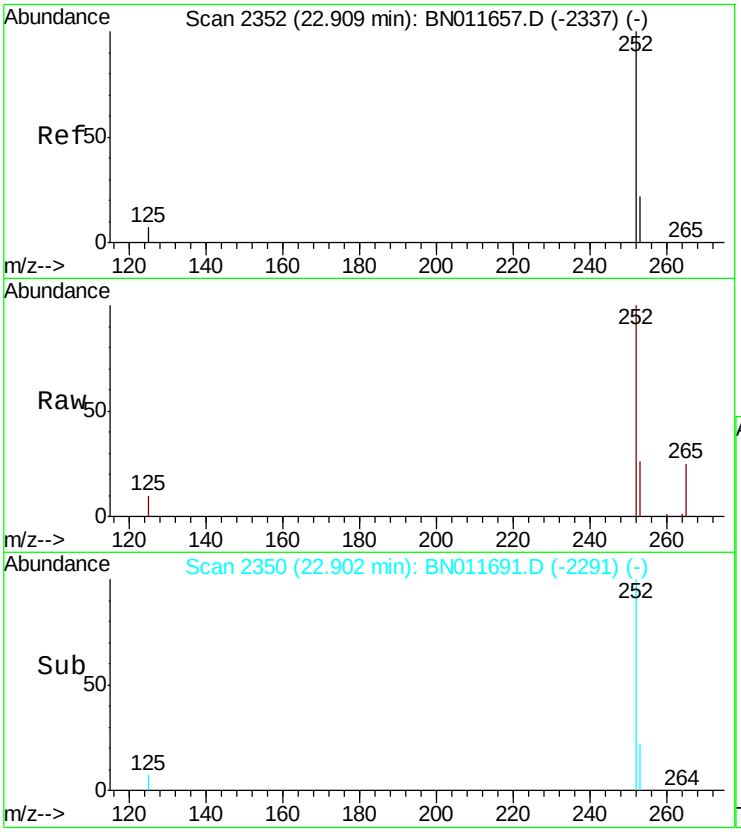


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.58 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:264 Resp: 9122

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.8	29.6
265	61.4	38.9	58.3#



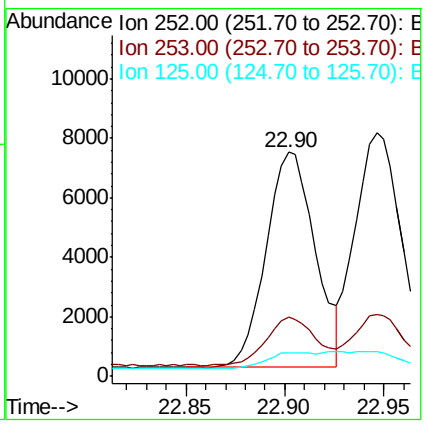


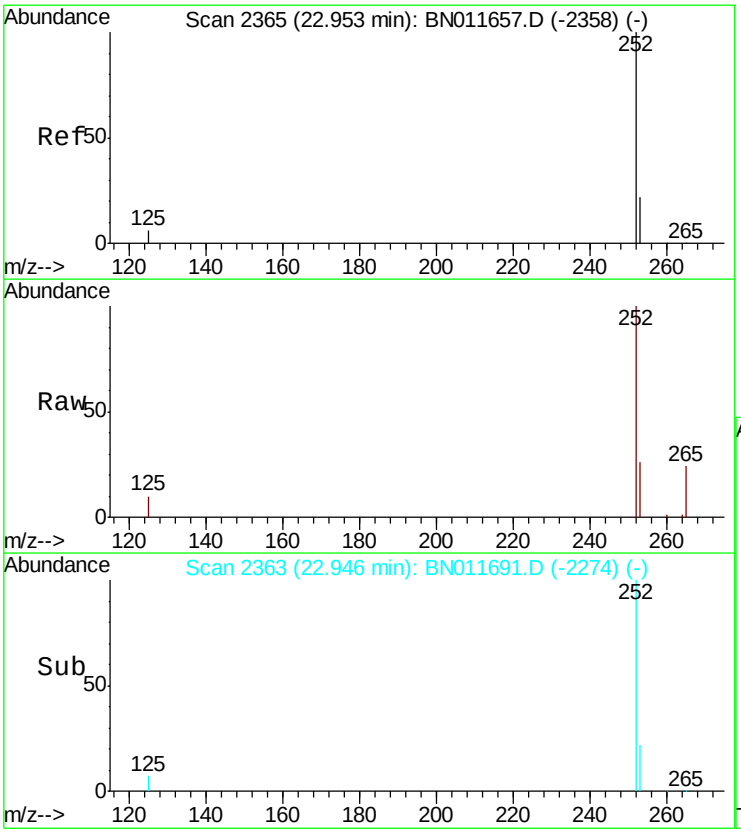
#37
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.90 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:252 Resp: 12510

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.7	29.5
125	10.5	7.8	11.8

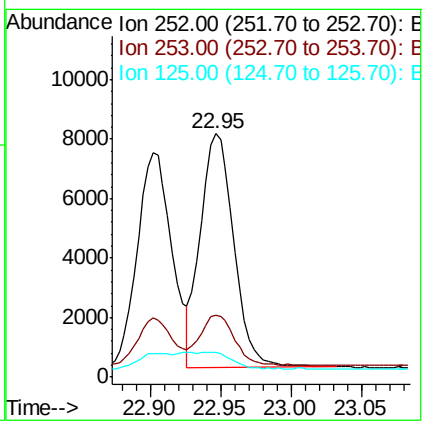


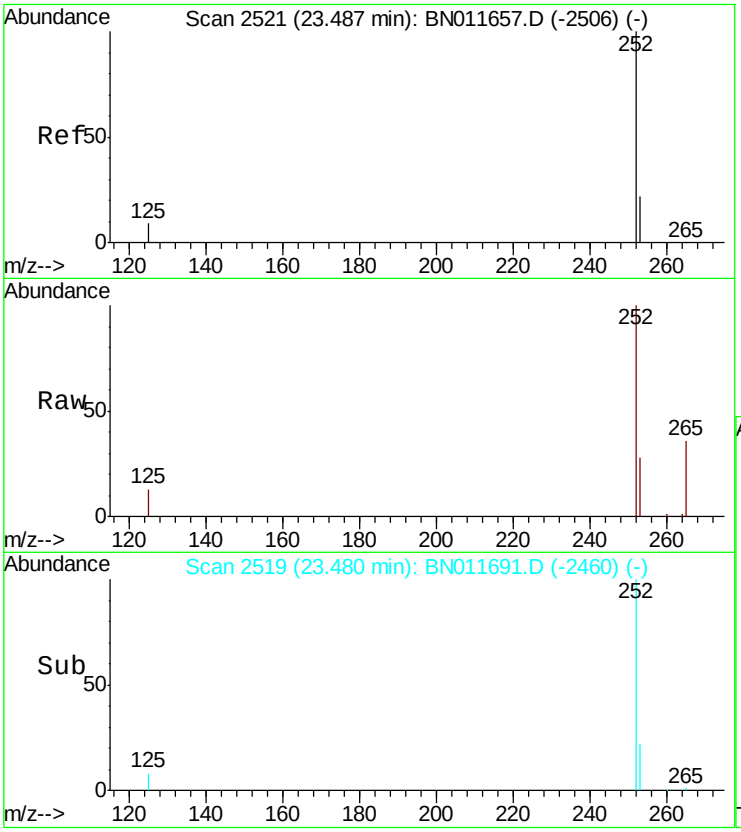


#38
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 22.95 min Scan# 2363
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:252 Resp: 13047

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.4	29.0
125	10.3	8.4	12.6



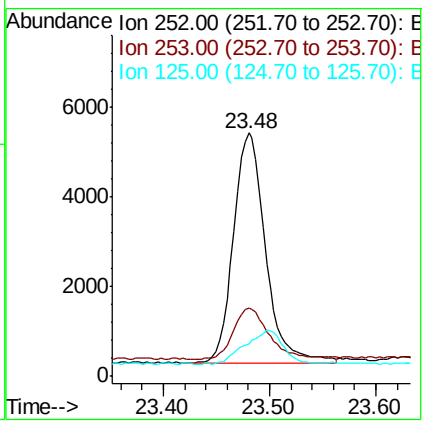


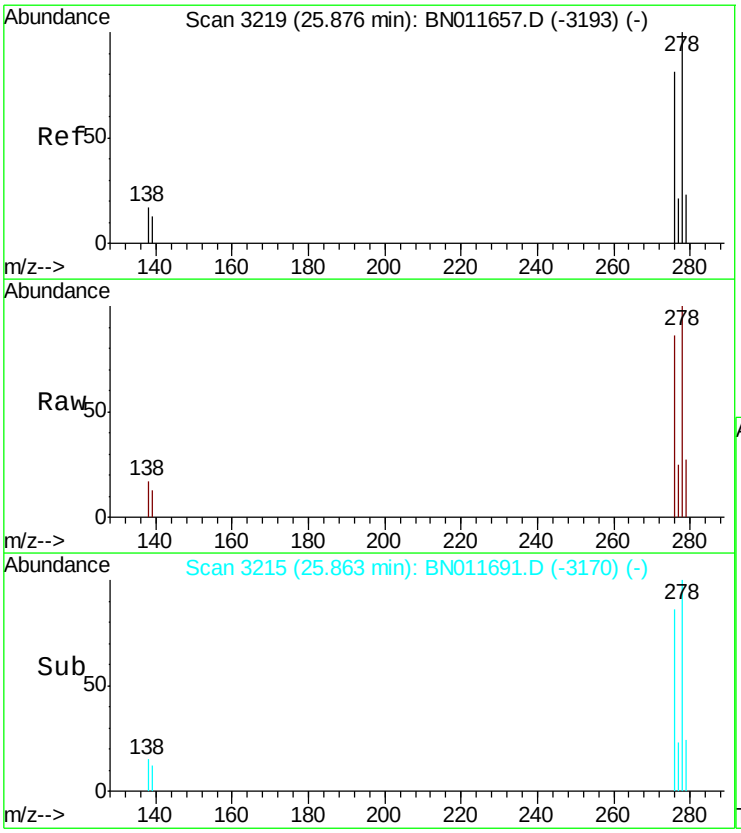
#39
Benzo(a)pyrene
Concen: 0.347 ng
RT: 23.48 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:252 Resp: 10857

Ion	Ratio	Lower	Upper
252	100		
253	28.2	20.3	30.5
125	13.3	9.8	14.6

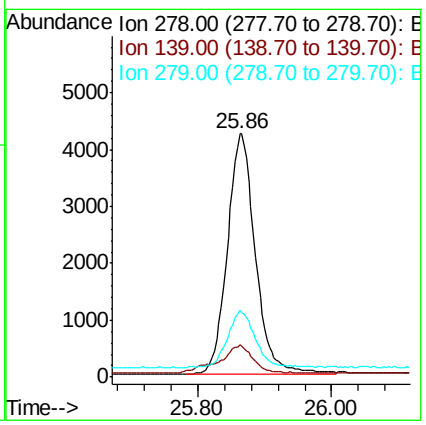


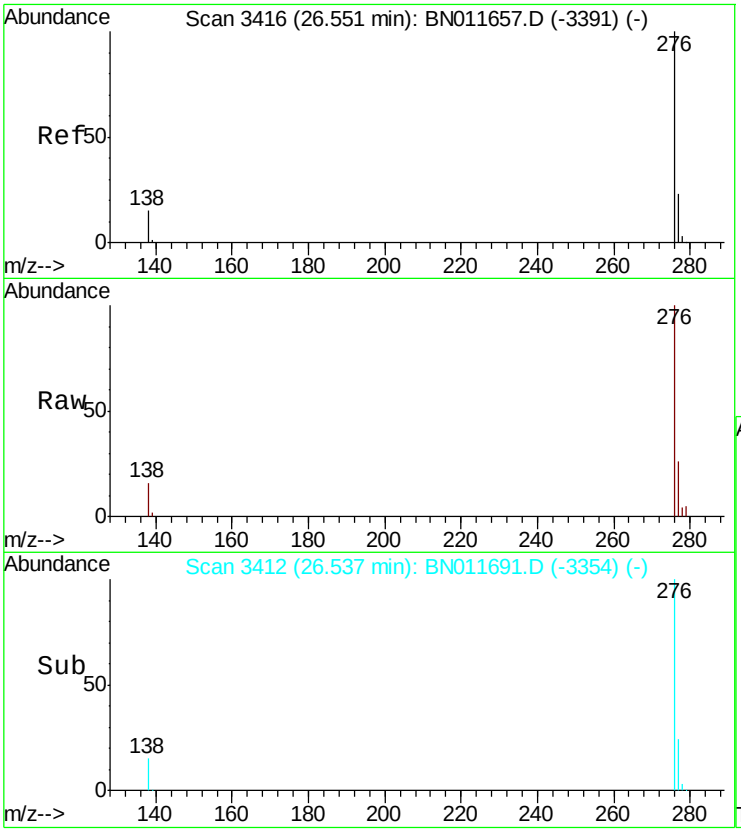


#40
Dibenzo(a,h)anthracene
Concen: 0.346 ng
RT: 25.86 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:278 Resp: 12225

Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.0	16.6
279	27.3	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.340 ng
RT: 26.54 min Scan# 3412
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tgt Ion:276 Resp: 11762

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.7	29.5
138	16.4	13.4	20.2