Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
Data File : BN011692.D
Acq On : 03 Sep 2020 11:22
Operator : CG/JU
Sample : PB131363BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131363BSD

Quant Time: Sep 03 12:36:31 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	7.74	152	2044	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	7549	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	4510	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	9771	0.40	ng		0.00
29) Chrysene-d12	21.32	240	9171	0.40	ng		0.00
36) Perylene-d12	23.58	264	9894	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	2013	0.35	ng		0.00
5) Phenol-d6	6.90	99	2666	0.34	ng		0.00
8) Nitrobenzene-d5	8.88	82	2714	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	4927	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	754	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	7130	0.37	ng		0.00
27) Fluoranthene-d10	19.16	212	10543	0.34	ng		0.00
31) Terphenyl-d14	19.76	244	9246	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1168	0.355	ng		96
3) n-Nitrosodimethylamine	3.60	42	1594	0.420	ng	#	86
6) bis(2-Chloroethyl)ether	7.17	93	2308	0.362	ng		99
9) Naphthalene	10.57	128	7950	0.368	ng		99
10) Hexachlorobutadiene	10.87	225	1861	0.392	ng	#	100
12) 2-Methylnaphthalene	12.19	142	5589	0.364	ng		97
16) Acenaphthylene	14.09	152	7703	0.351	ng		100
17) Acenaphthene	14.43	154	5536	0.365	ng		97
18) Fluorene	15.42	166	6903	0.355	ng		99
20) 4,6-Dinitro-2-methylphenol	15.50	198	591	0.392	ng	#	92
21) 4-Bromophenyl-phenylether	16.32	248	2111	0.369	ng	#	76
22) Hexachlorobenzene	16.43	284	2623	0.371	ng		97
23) Atrazine	16.59	200	1674	0.333	ng		93
24) Pentachlorophenol	16.77	266	932	0.332	ng		98
25) Phenanthrene	17.16	178	11377	0.360	ng		100
26) Anthracene	17.25	178	9819	0.350	ng		99
28) Fluoranthene	19.19	202	12737	0.340	ng		99
30) Pyrene	19.55	202	12766	0.400	ng		100
32) Benzo(a)anthracene	21.30	228	11983	0.366	ng		99
33) Chrysene	21.35	228	12812	0.379	ng		100
34) Bis(2-ethylhexyl)phthalate	21.25	149	5271	0.396	ng		99
35) Indeno(1,2,3-cd)pyrene	25.84	276	16371	0.372	ng		98
37) Benzo(b)fluoranthene	22.90	252	13108	0.345	ng		99
38) Benzo(k)fluoranthene	22.94	252	14374	0.371	ng		98
39) Benzo(a)pyrene	23.47	252	11823	0.349	ng		96
40) Dibenzo(a,h)anthracene	25.86	278	13291	0.347	ng		97
41) Benzo(g,h,i)perylene	26.53	276	12711	0.339	ng		99

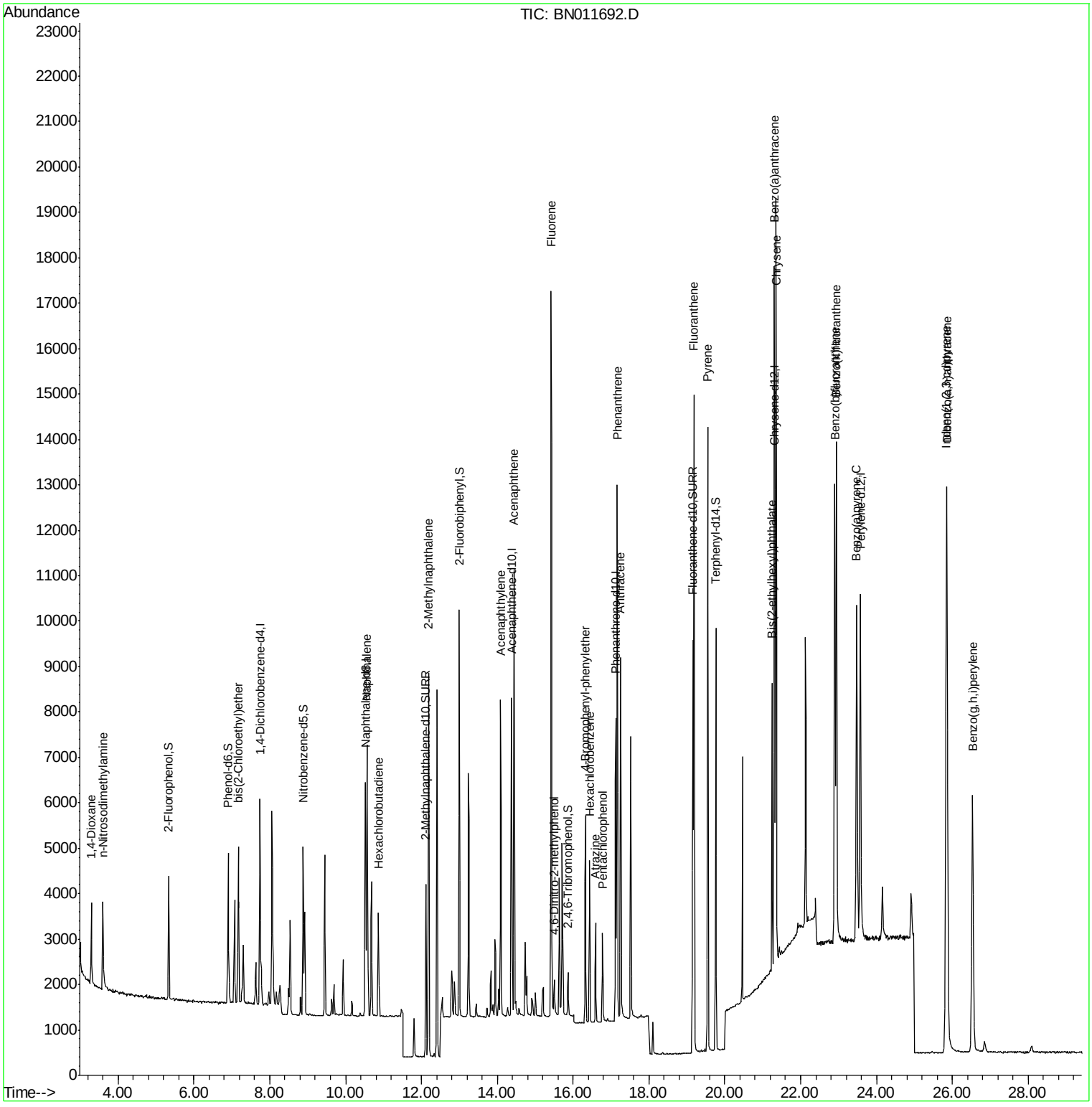
(#) = qualifier out of range (m) = manual integration (+) = signals summed

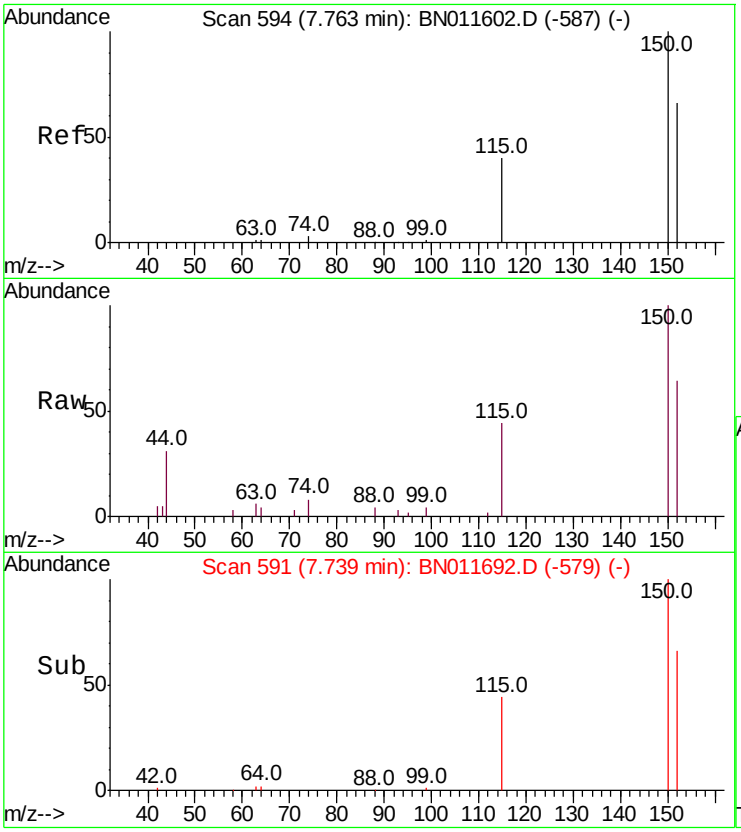
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
Data File : BN011692.D
Acq On : 03 Sep 2020 11:22
Operator : CG/JU
Sample : PB131363BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Quant Time: Sep 03 12:36:31 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



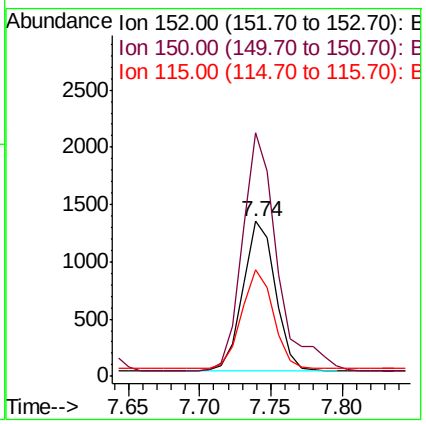


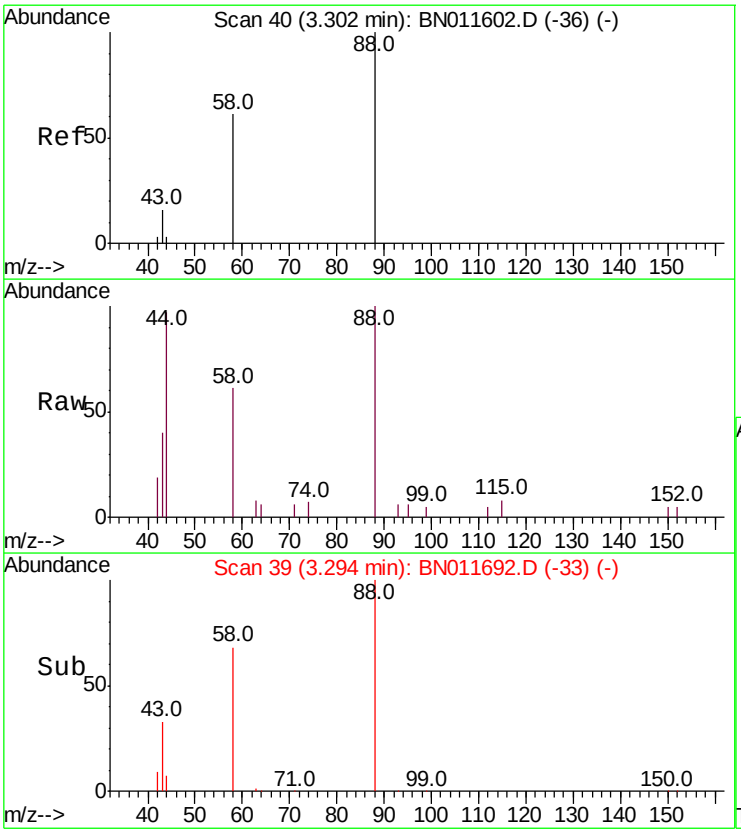
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 591
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:152 Resp: 2044

Ion	Ratio	Lower	Upper
152	100		
150	157.1	121.0	181.6
115	69.1	52.6	78.8

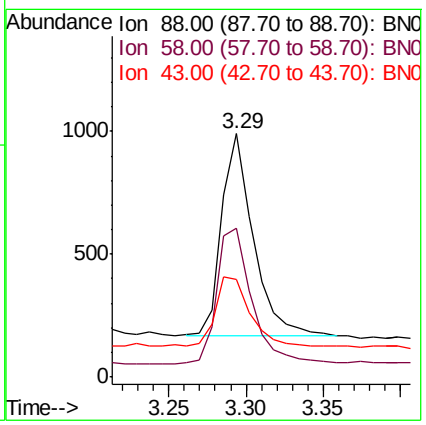


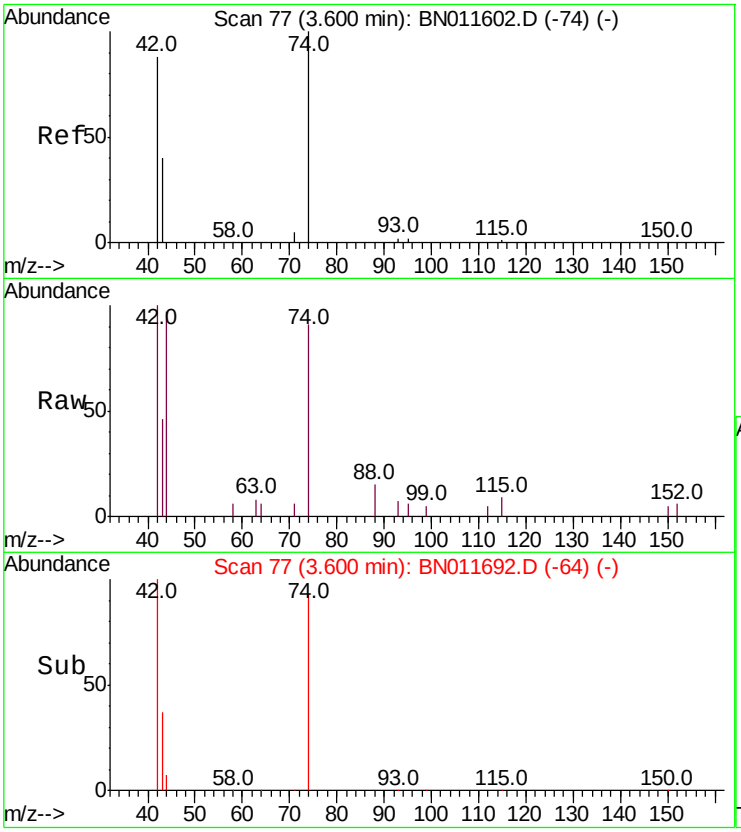


#2
1,4-Dioxane
Concen: 0.355 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion: 88 Resp: 1168

Ion	Ratio	Lower	Upper
88	100		
58	72.7	61.4	92.0
43	38.0	29.8	44.8



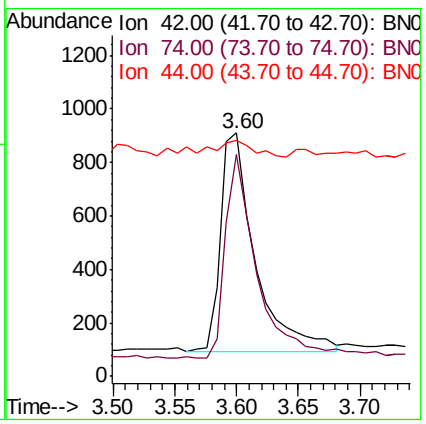


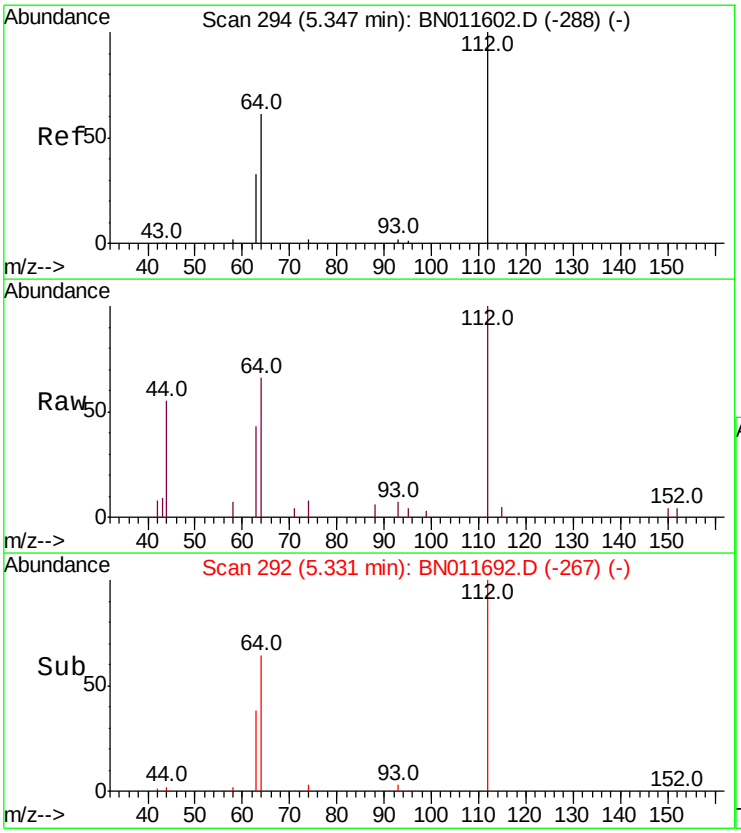
#3
n-Nitrosodimethylamine
Concen: 0.420 ng
RT: 3.60 min Scan# 77
Delta R.T. 0.01 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion: 42 Resp: 1594

Ion	Ratio	Lower	Upper
42	100		
74	84.2	79.0	118.6
44	7.5	8.1	12.1#

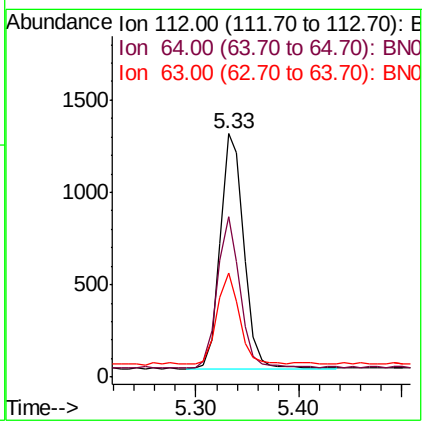


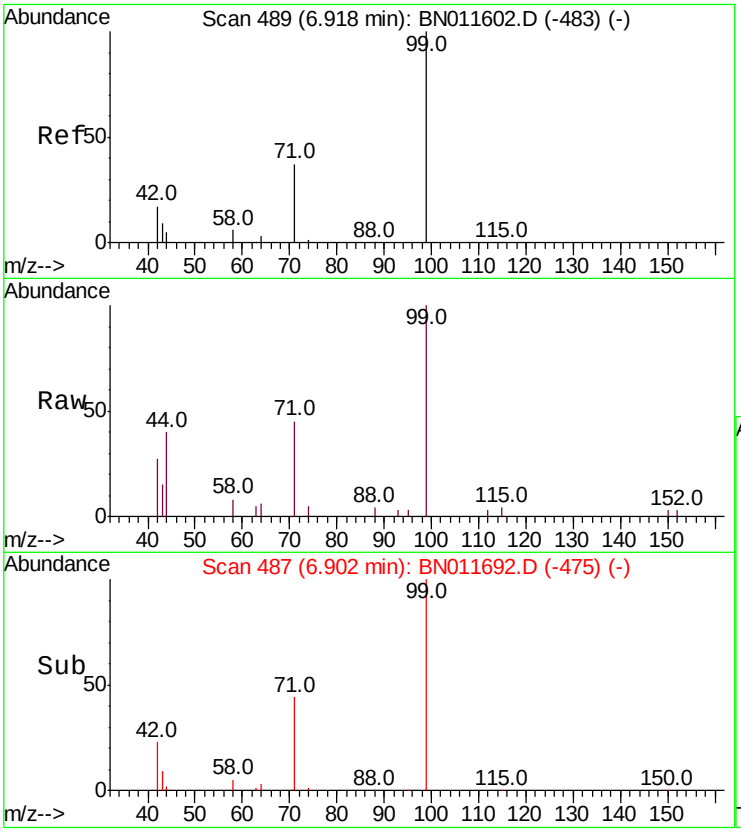


#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.33 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:112 Resp: 2013

Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.7	74.5
63	37.1	29.4	44.0



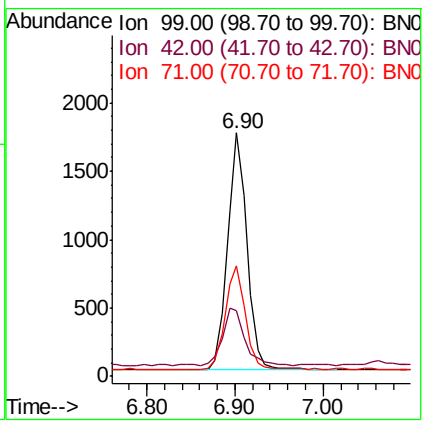


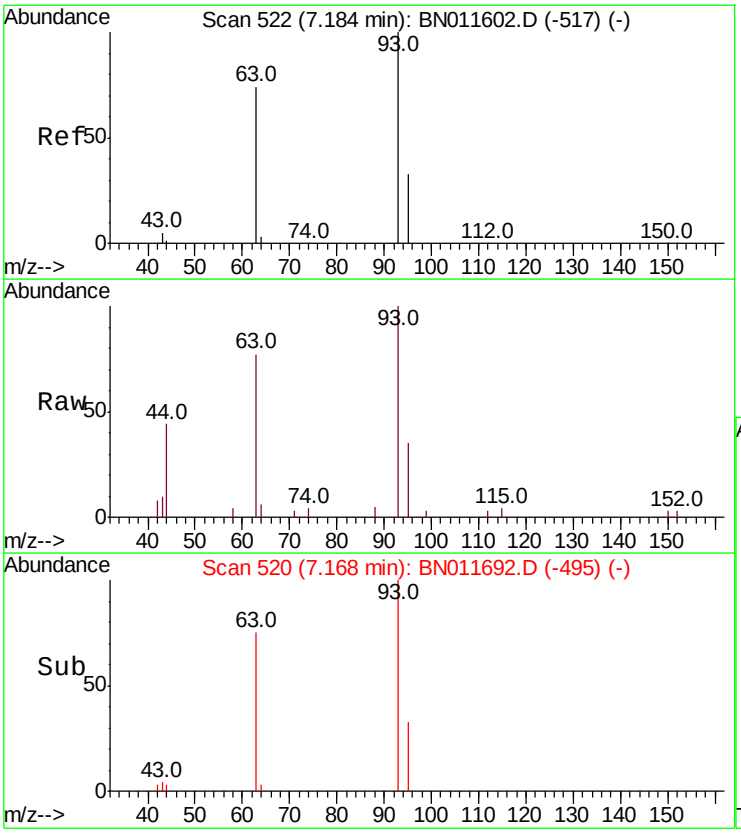
#5
Phenol-d6
Concen: 0.340 ng
RT: 6.90 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion: 99 Resp: 2666

Ion	Ratio	Lower	Upper
99	100		
42	26.4	20.2	30.2
71	45.1	33.3	49.9

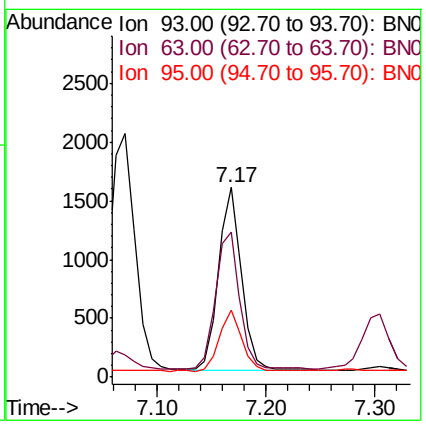


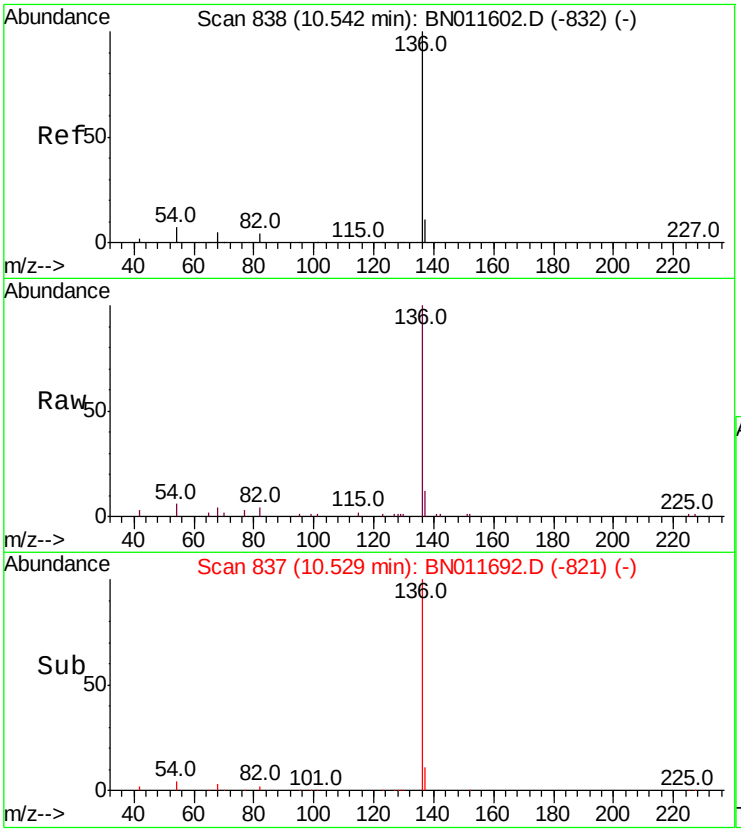


#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 7.17 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion: 93 Resp: 2308

Ion	Ratio	Lower	Upper
93	100		
63	79.2	62.2	93.4
95	33.0	26.6	39.8



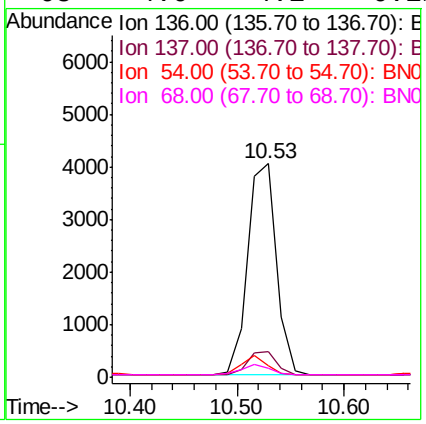


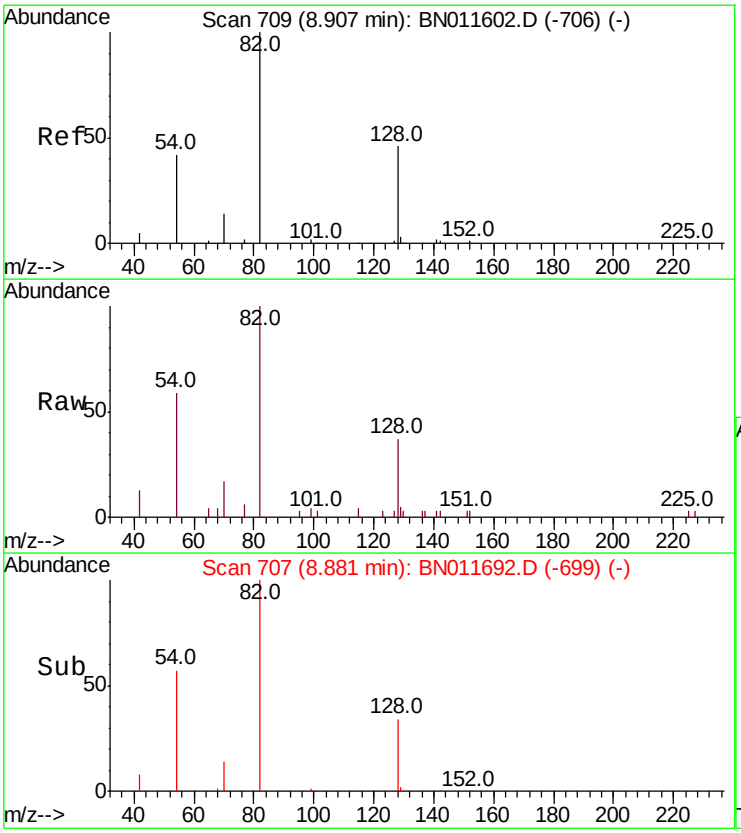
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.53 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:136 Resp: 7549

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	5.6	5.8	8.8#
68	4.0	4.1	6.1#

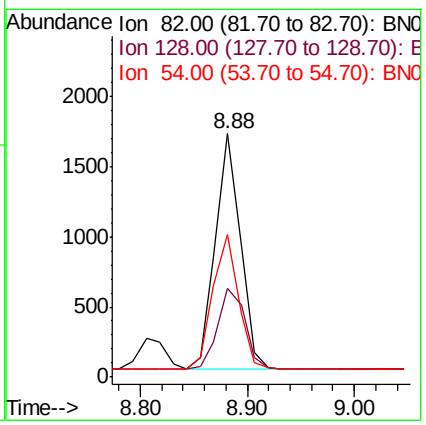


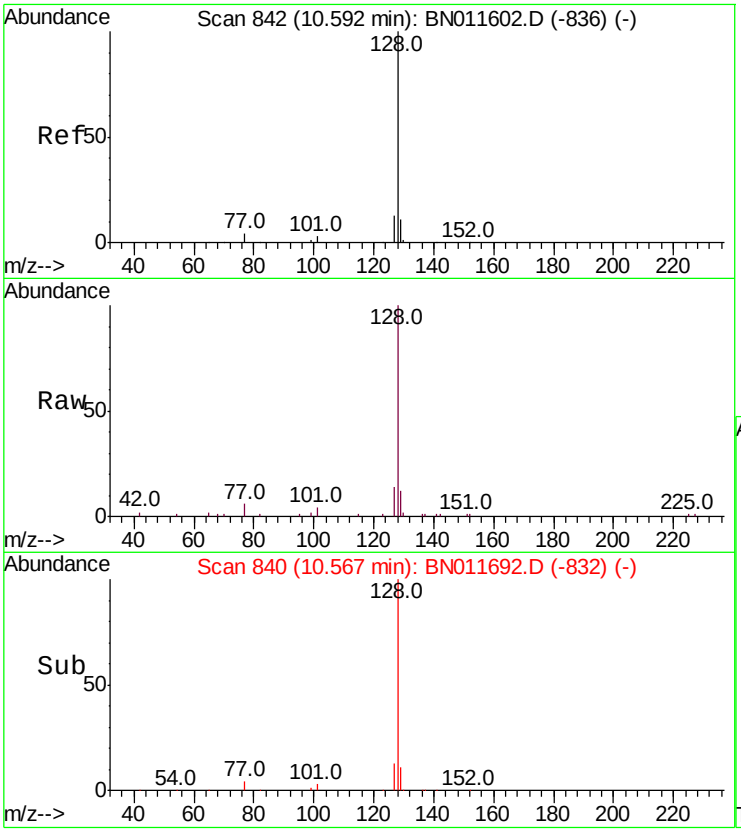


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.88 min Scan# 707
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion: 82 Resp: 2714

Ion	Ratio	Lower	Upper
82	100		
128	36.5	26.2	39.2
54	58.7	48.2	72.4



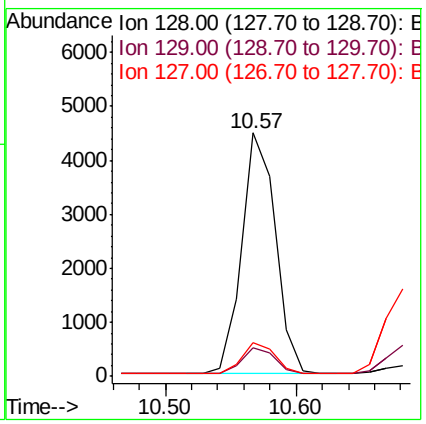


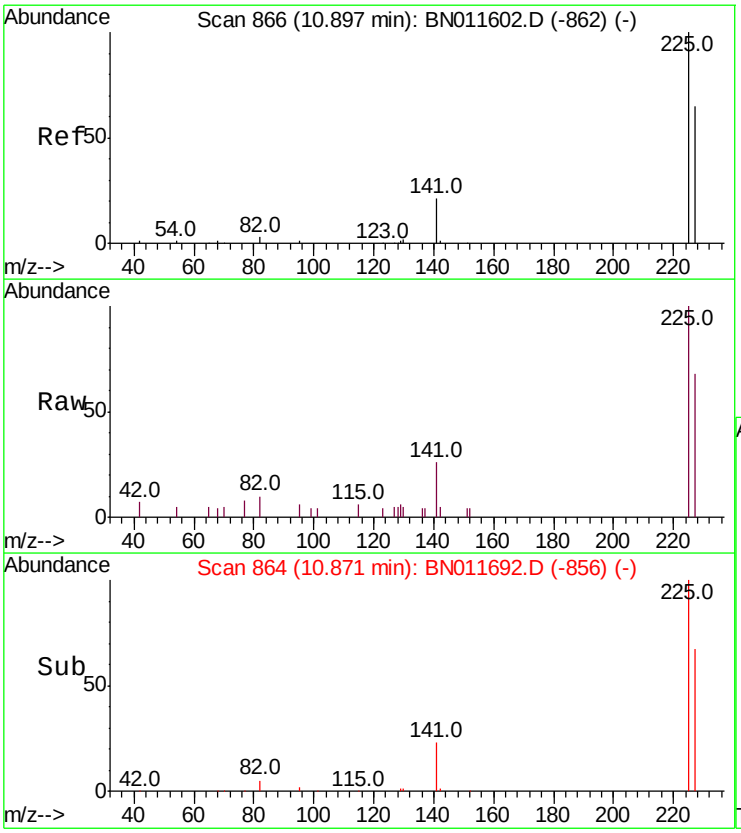
#9
Naphthalene
Concen: 0.368 ng
RT: 10.57 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:128 Resp: 7950

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	14.1	10.8	16.2

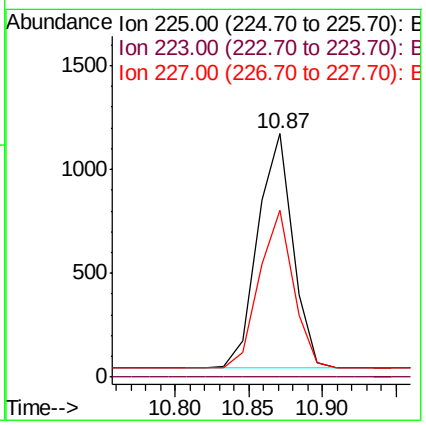


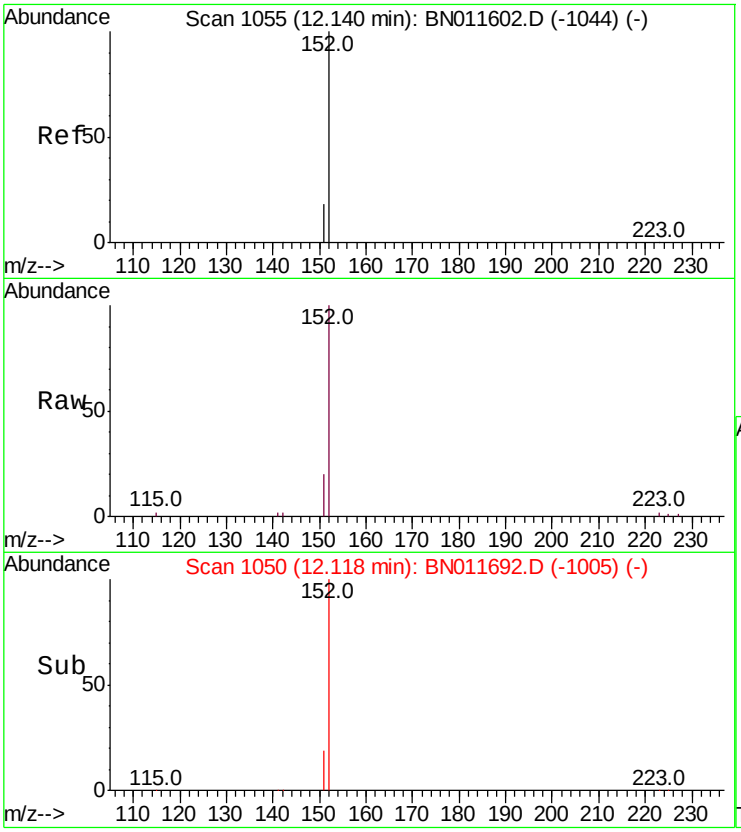


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 10.87 min Scan# 864
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:225 Resp: 1861

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.6	52.6	78.8



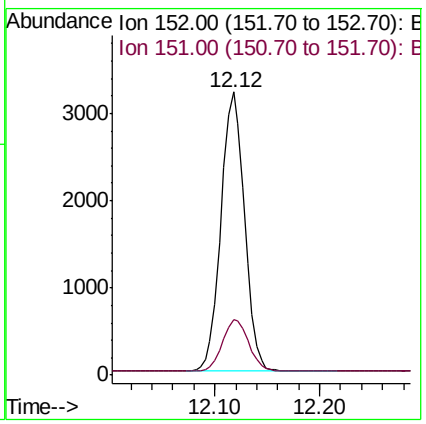


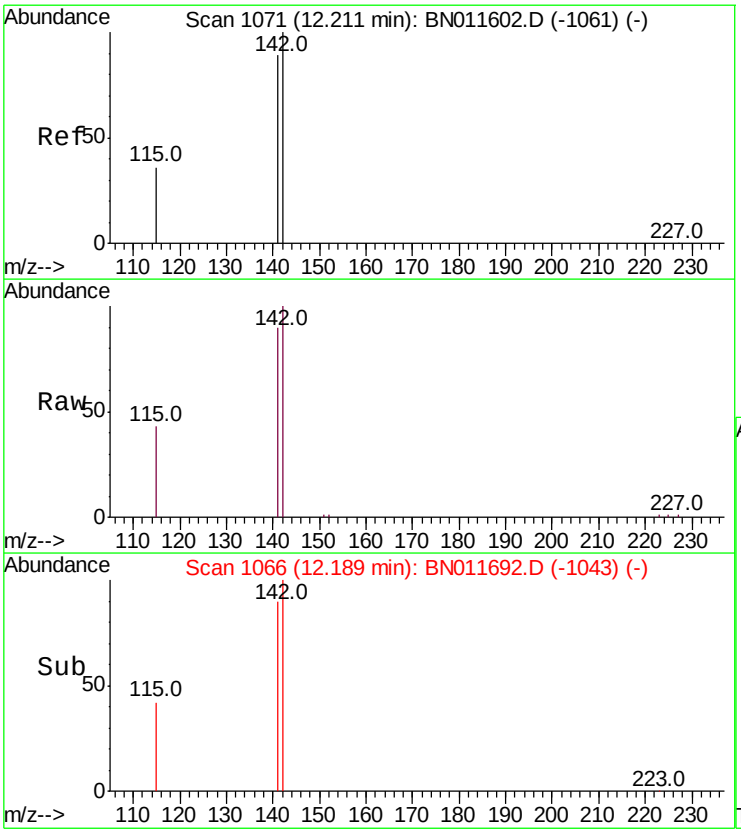
#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.12 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:152 Resp: 4927

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

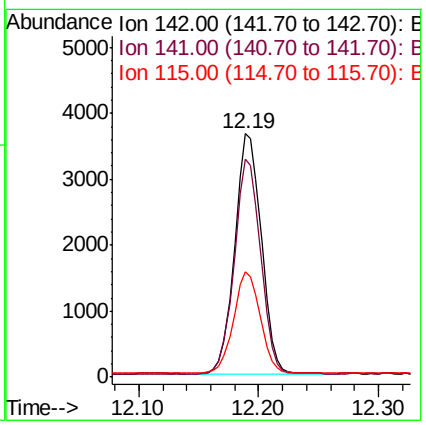


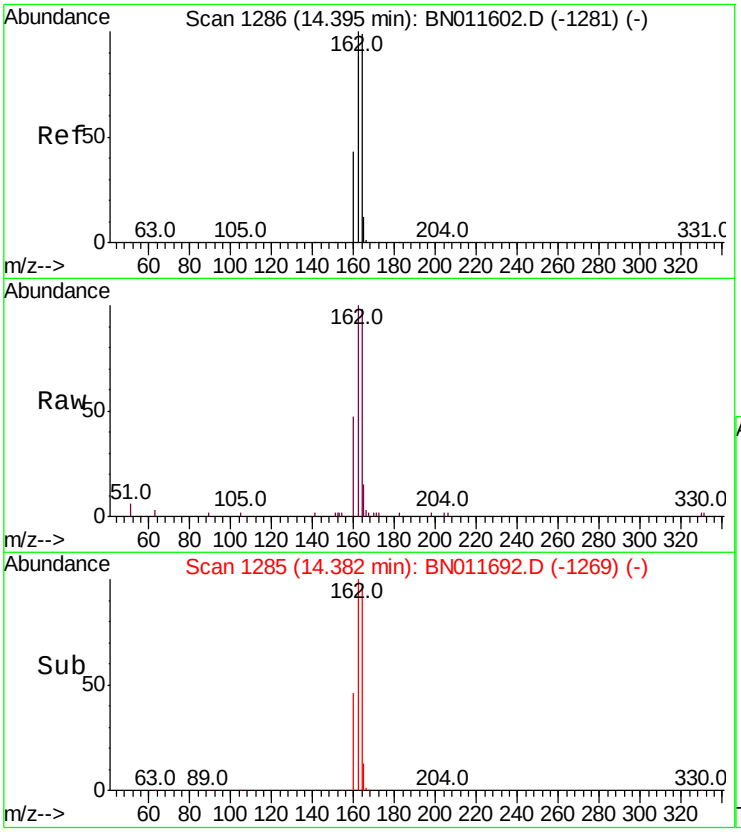


#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.19 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:142 Resp: 5589

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.6	106.0
115	43.3	31.3	46.9



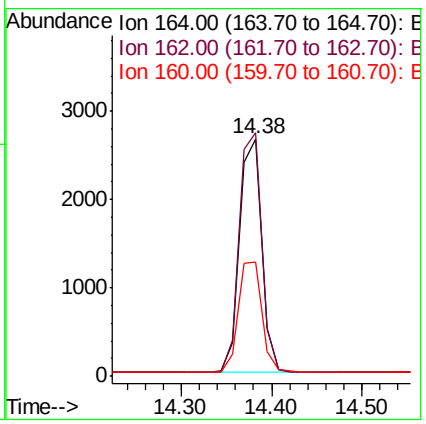


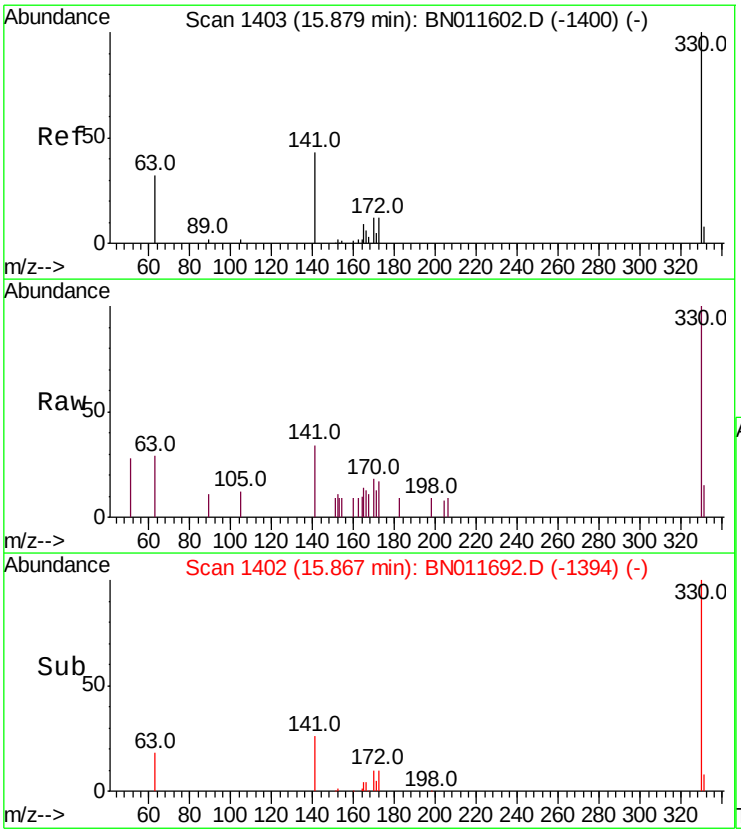
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:164 Resp: 4510

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.0
160	48.0	38.5	57.7

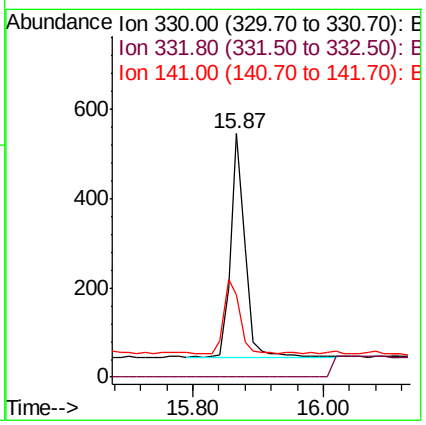


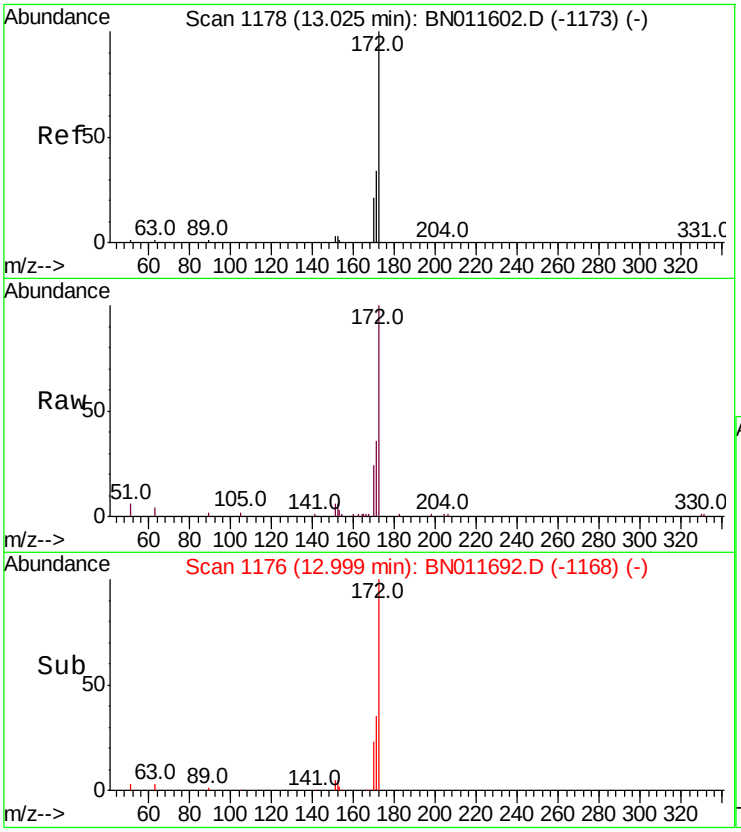


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.87 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:330 Resp: 754

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.2	29.8	44.8



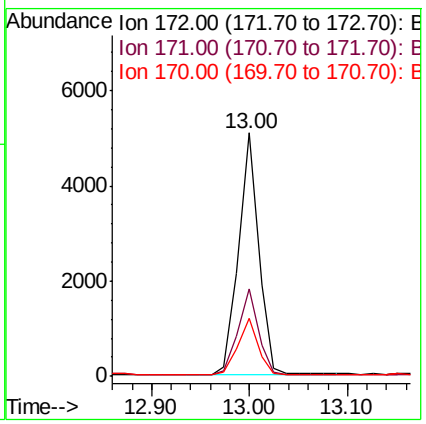


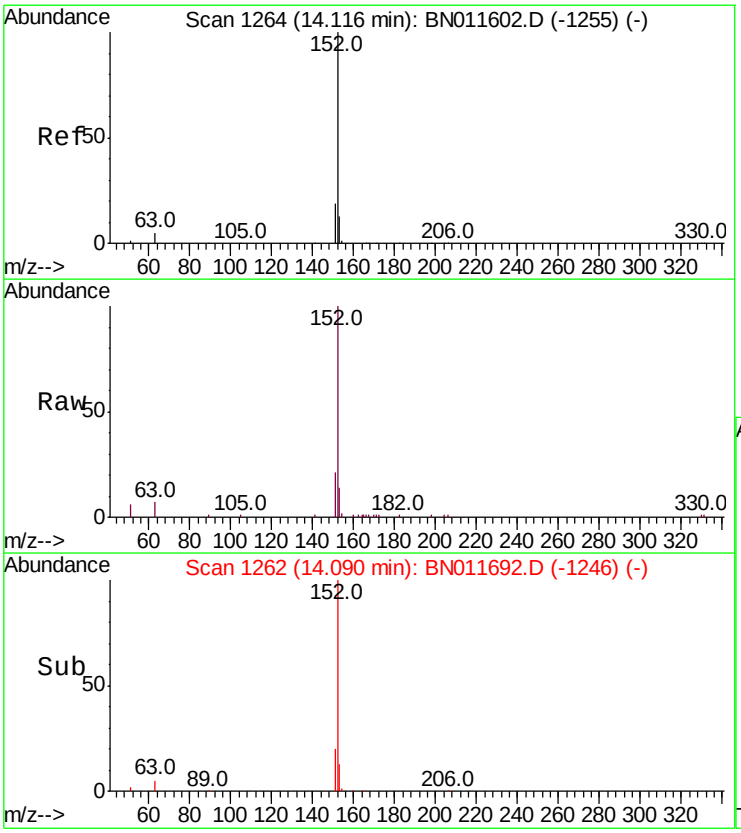
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:172 Resp: 7130

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	23.9	20.1	30.1

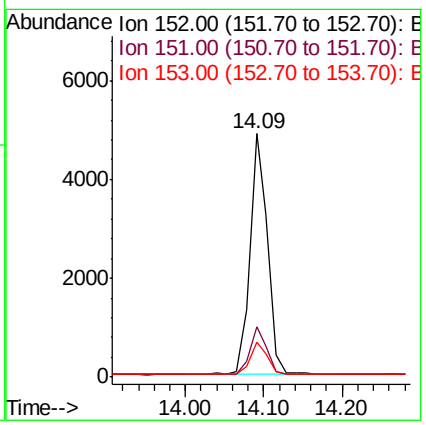


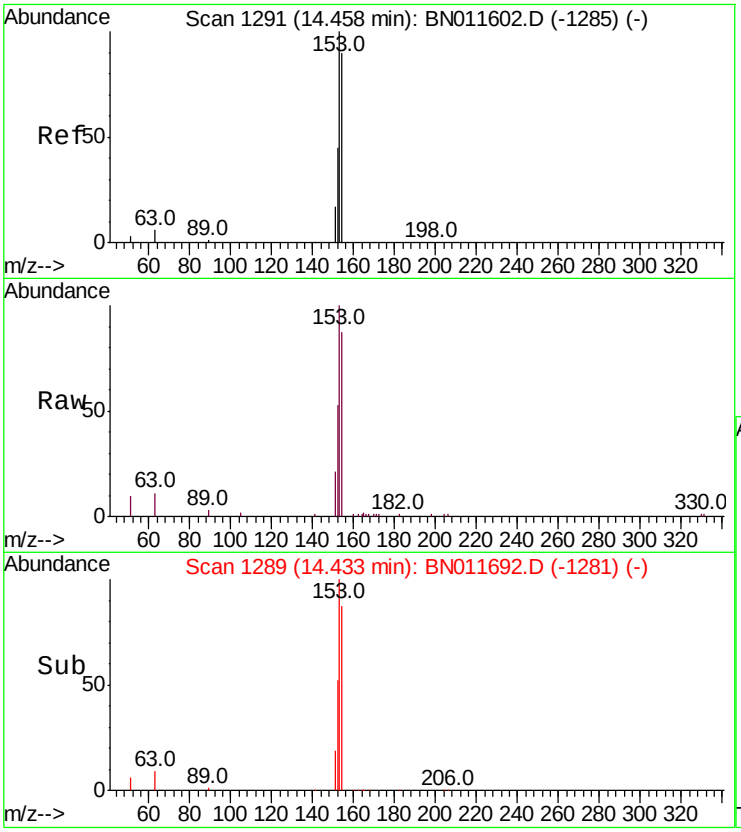


#16
Acenaphthylene
Concen: 0.351 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:152 Resp: 7703

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.2	10.5	15.7



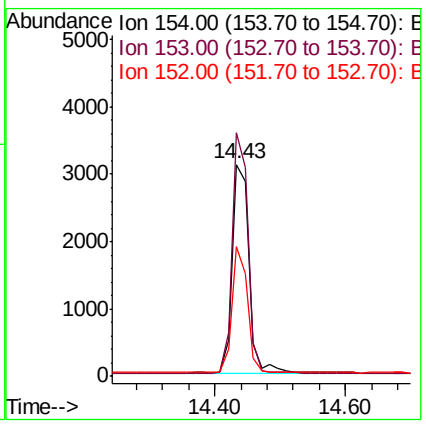


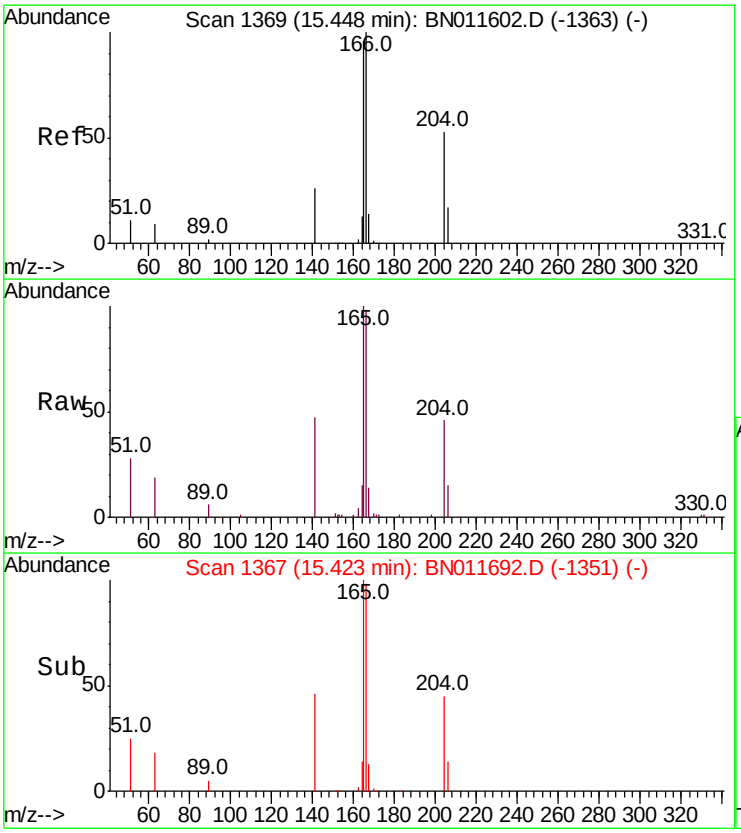
#17
Acenaphthene
Concen: 0.365 ng
RT: 14.43 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:154 Resp: 5536

Ion	Ratio	Lower	Upper
154	100		
153	107.2	89.2	133.8
152	55.2	44.1	66.1

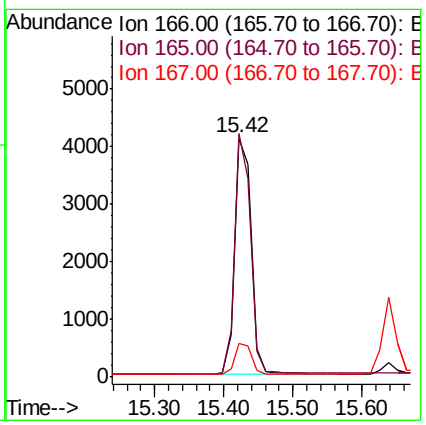


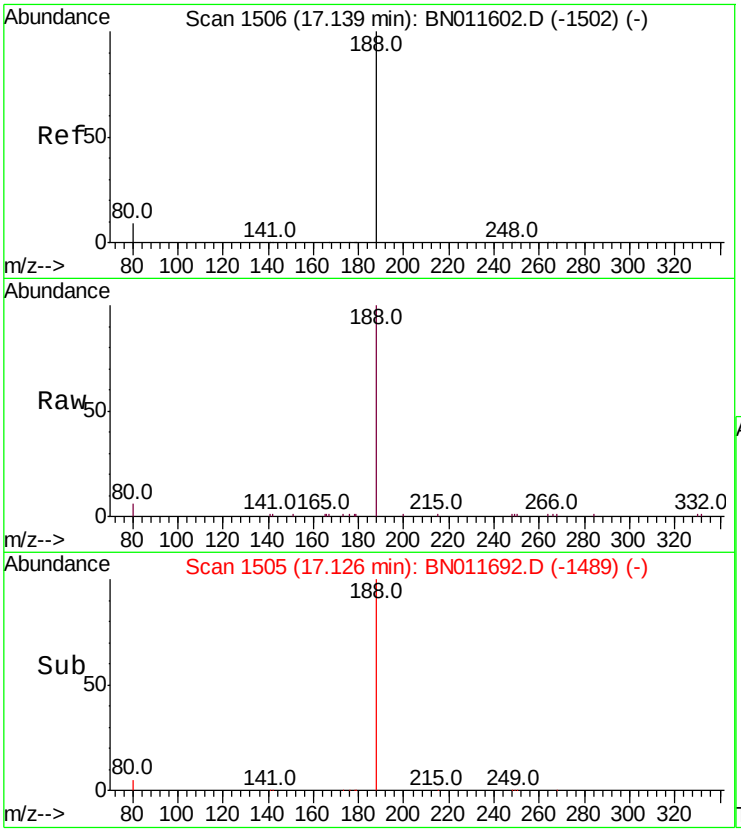


#18
Fluorene
Concen: 0.355 ng
RT: 15.42 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:166 Resp: 6903

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.7	116.5
167	13.7	11.0	16.4



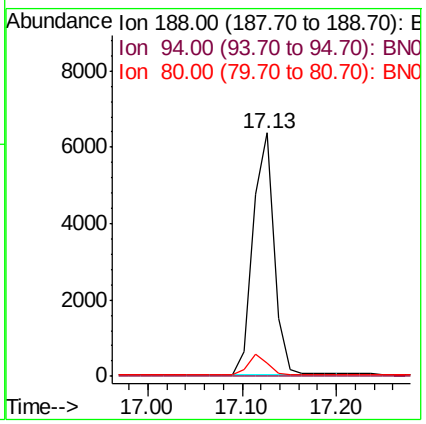


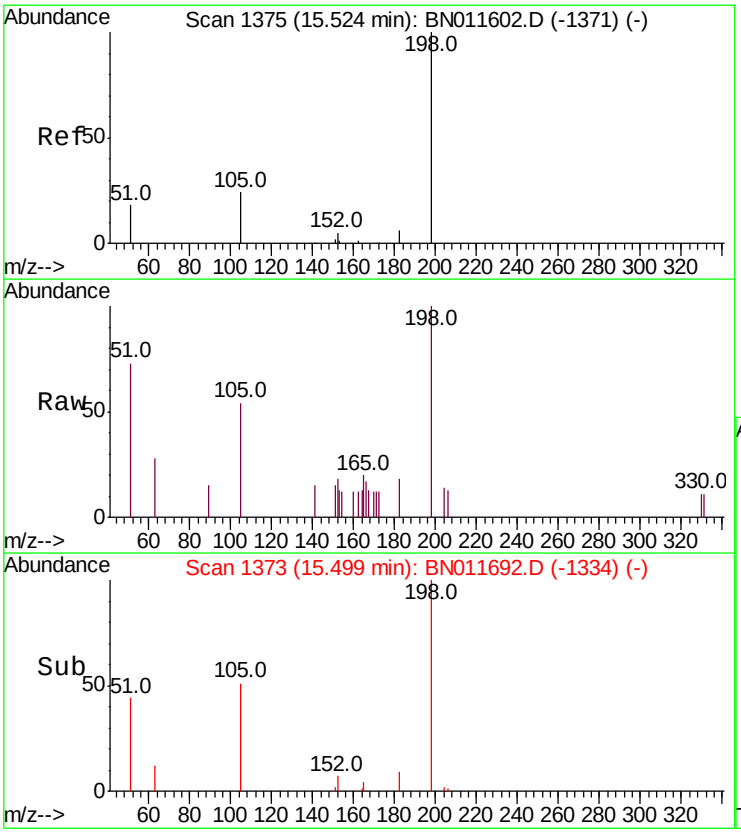
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:188 Resp: 9771

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.5	6.6	9.8#

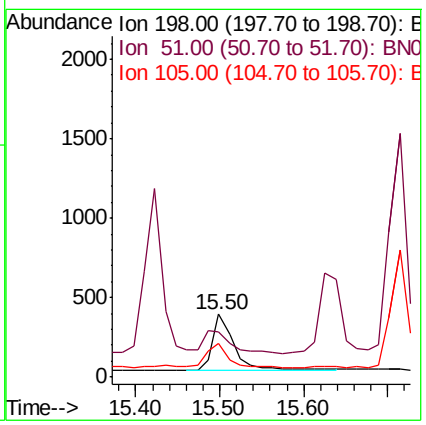


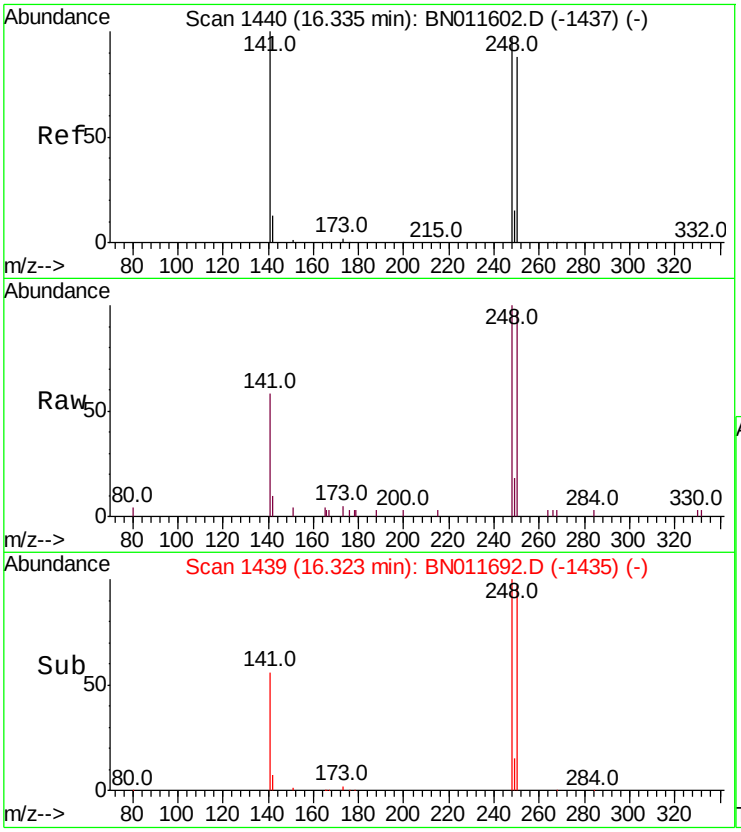


#20
4,6-Dinitro-2-methylphenol
Concen: 0.392 ng
RT: 15.50 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:198 Resp: 591

Ion	Ratio	Lower	Upper
198	100		
51	72.9	58.6	87.8
105	53.7	31.7	47.5#



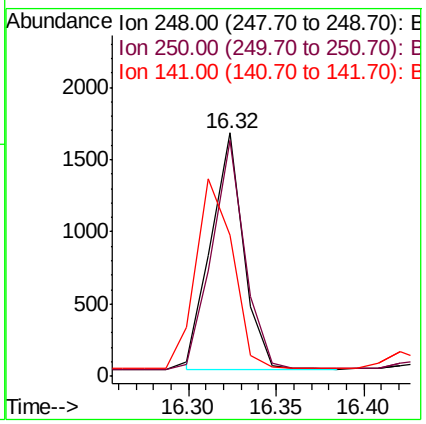


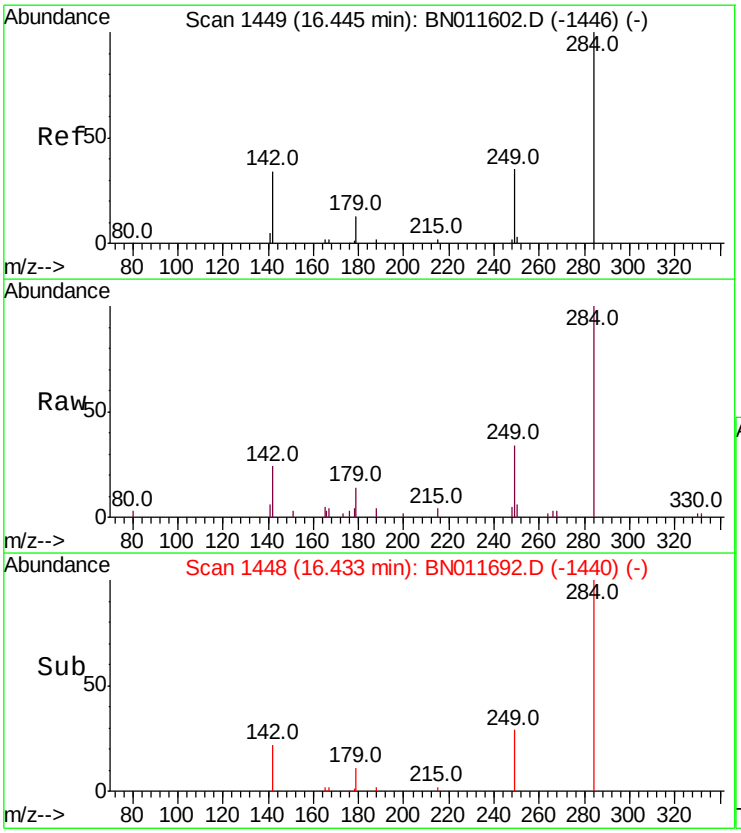
#21
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:248 Resp: 2111

Ion	Ratio	Lower	Upper
248	100		
250	97.0	73.9	110.9
141	57.9	79.8	119.6#

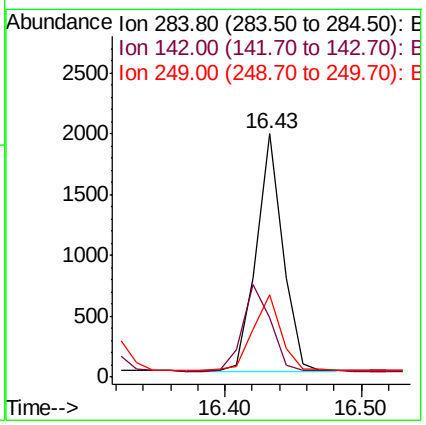


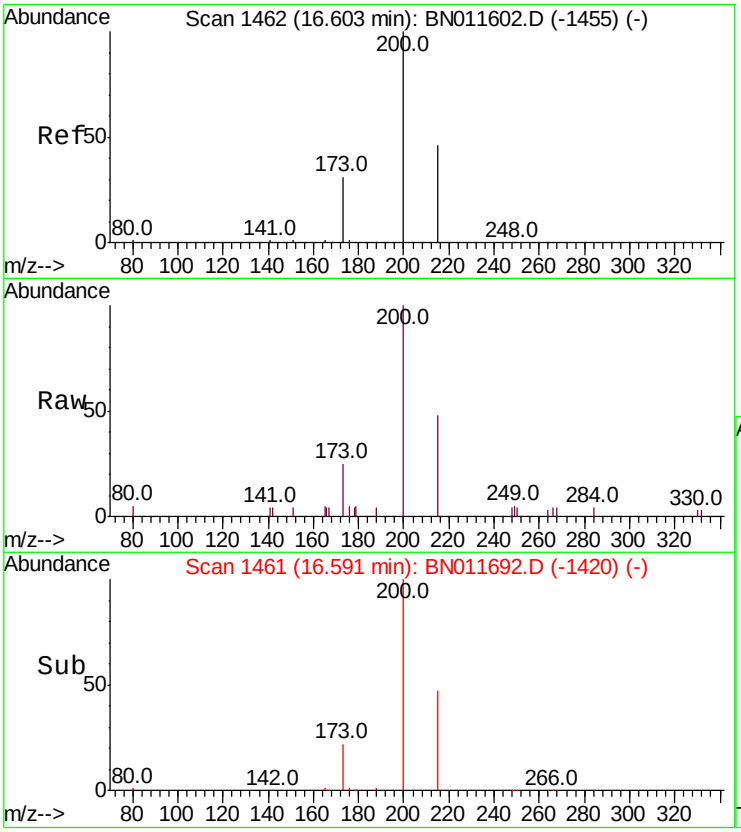


#22
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:284 Resp: 2623

Ion	Ratio	Lower	Upper
284	100		
142	38.9	29.0	43.4
249	32.9	25.7	38.5



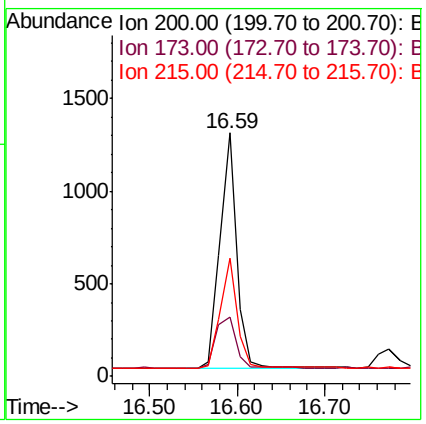


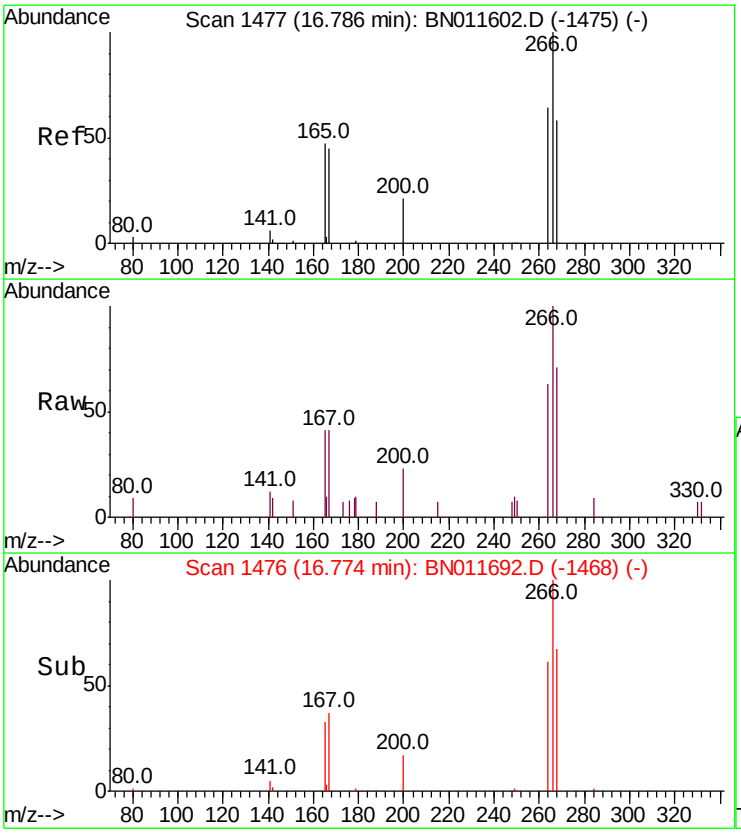
#23
Atrazine
Concen: 0.333 ng
RT: 16.59 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:200 Resp: 1674

Ion	Ratio	Lower	Upper
200	100		
173	24.6	24.3	36.5
215	48.4	36.4	54.6

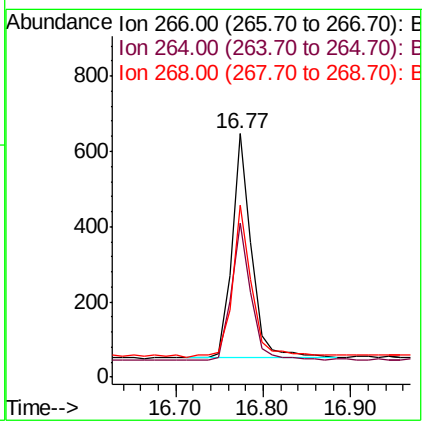


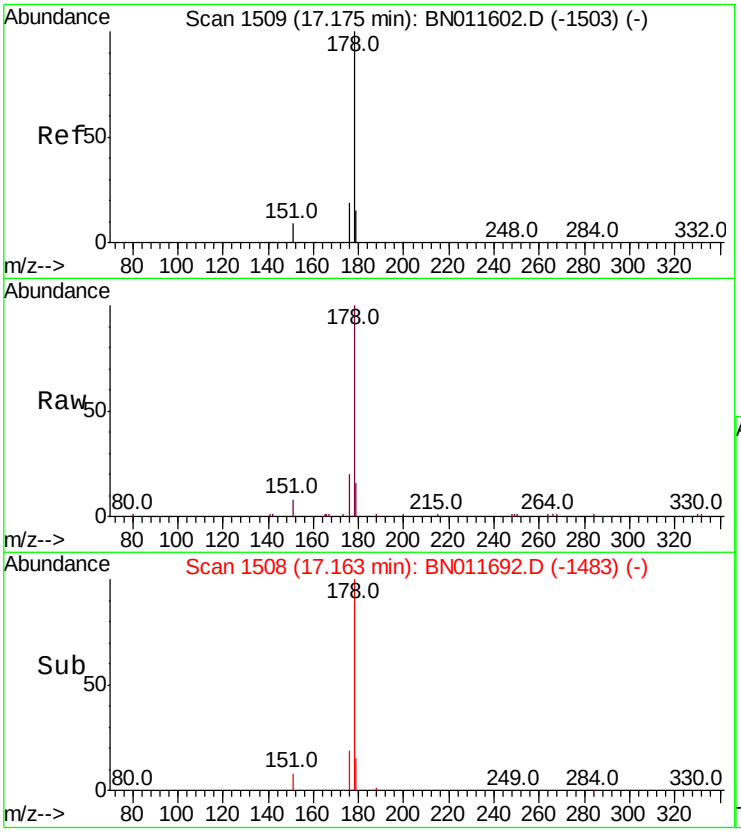


#24
Pentachlorophenol
Concen: 0.332 ng
RT: 16.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:266 Resp: 932

Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.5	74.3
268	69.0	53.0	79.4



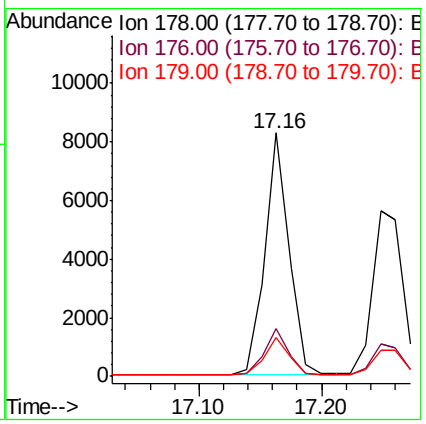


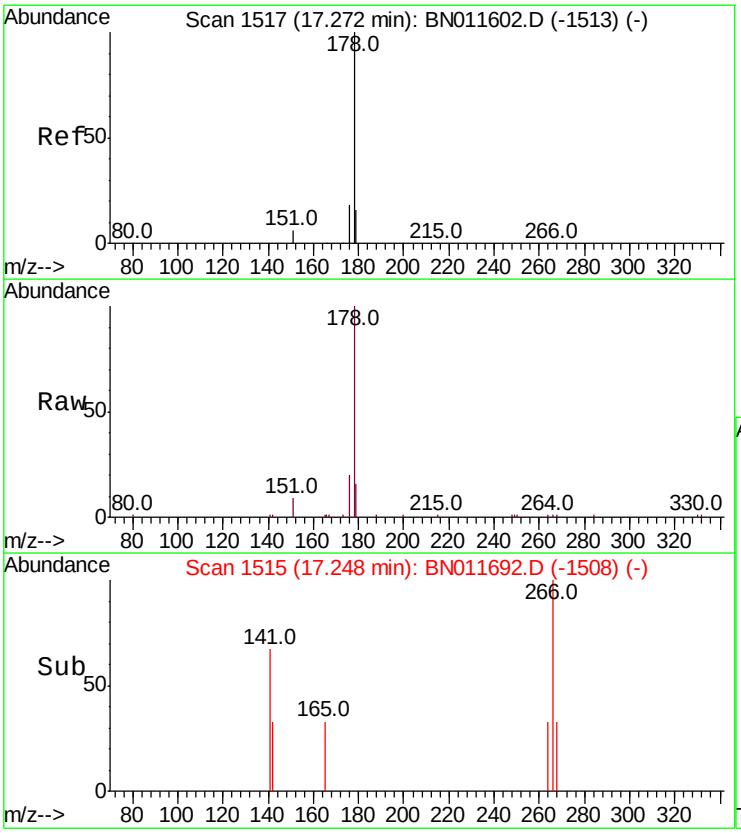
#25
Phenanthrene
Concen: 0.360 ng
RT: 17.16 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:178 Resp: 11377

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

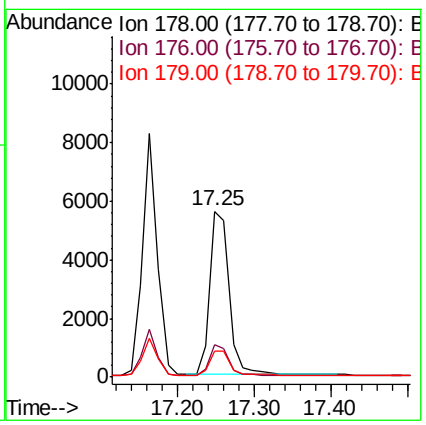


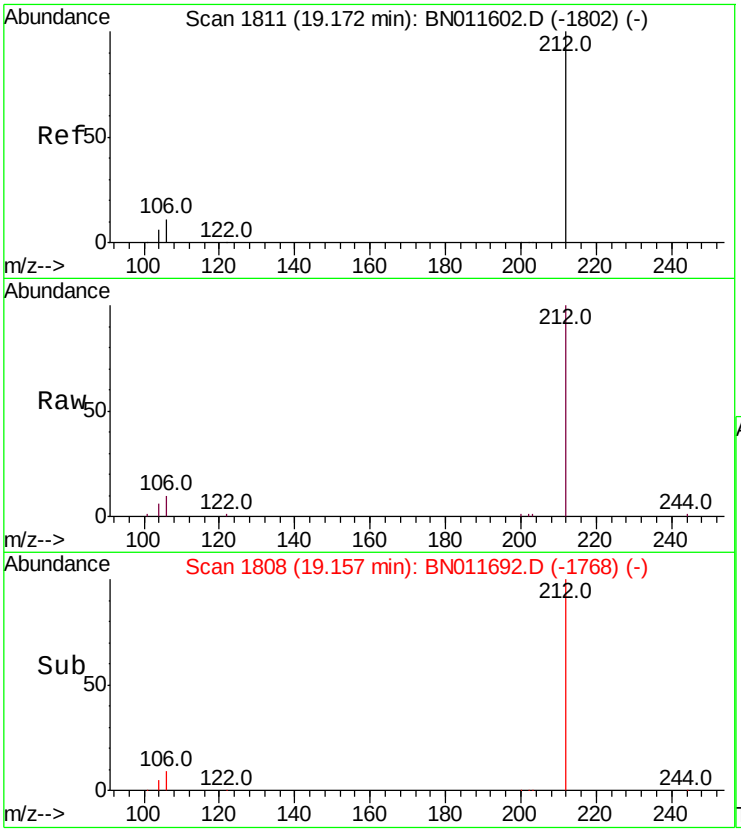


#26
Anthracene
Concen: 0.350 ng
RT: 17.25 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:178 Resp: 9819

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.0	12.2	18.4



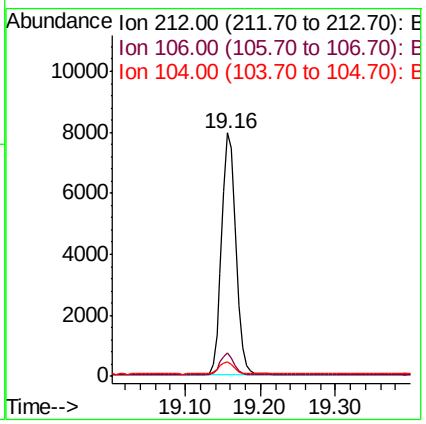


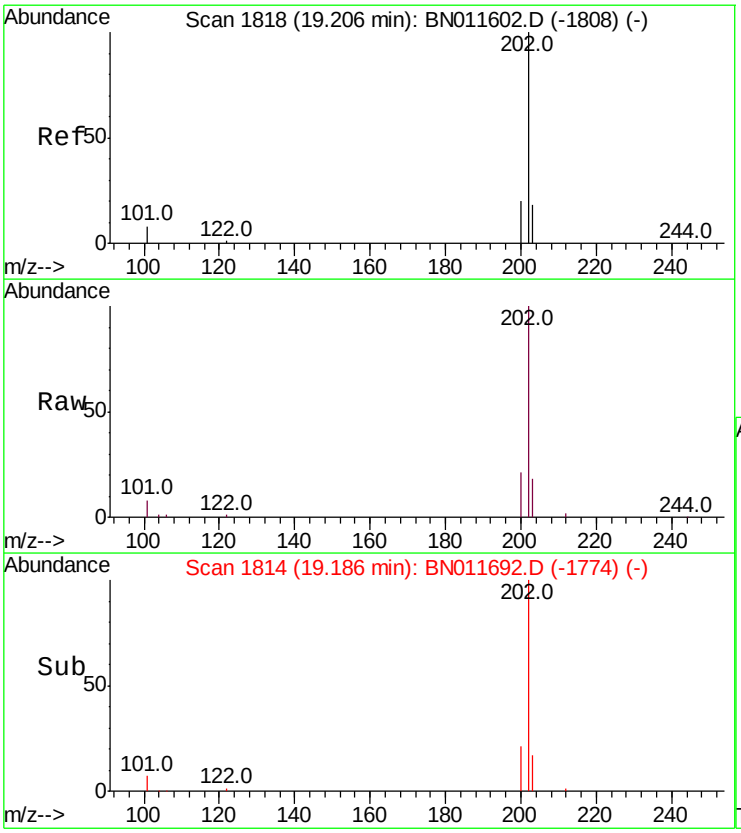
#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.16 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:212 Resp: 10543

Ion	Ratio	Lower	Upper
212	100		
106	8.7	7.6	11.4
104	5.3	4.6	6.8

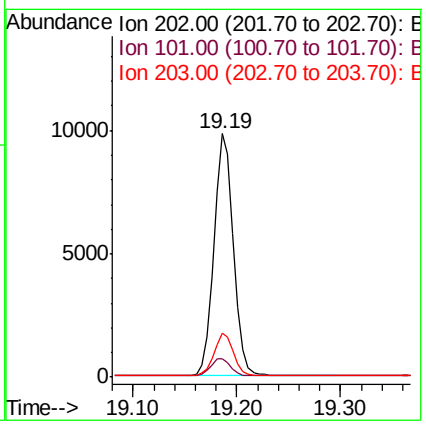


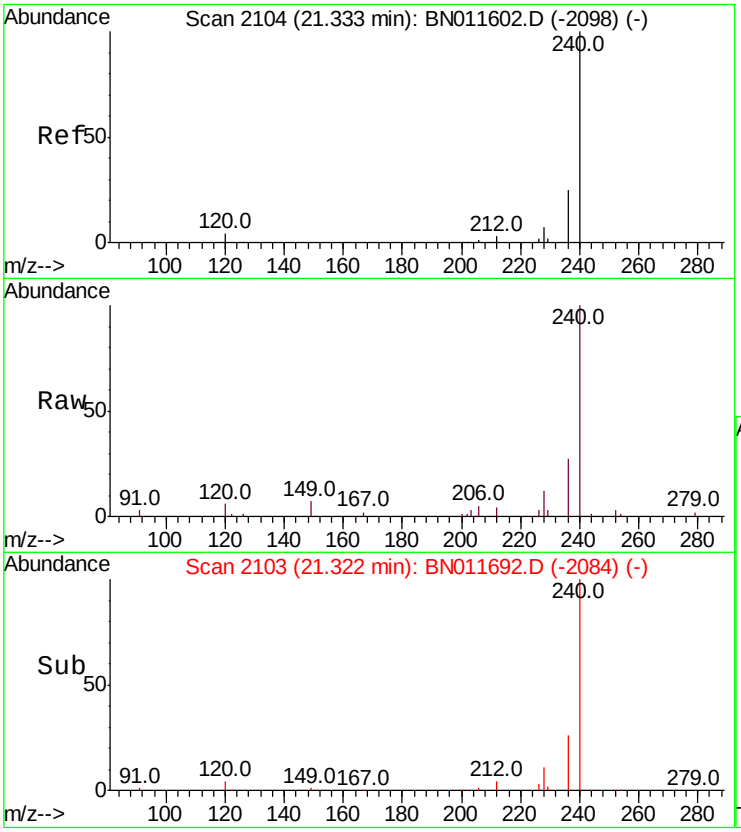


#28
Fluoranthene
Concen: 0.340 ng
RT: 19.19 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:202 Resp: 12737

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



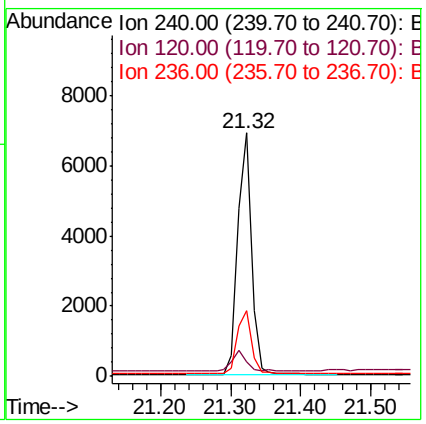


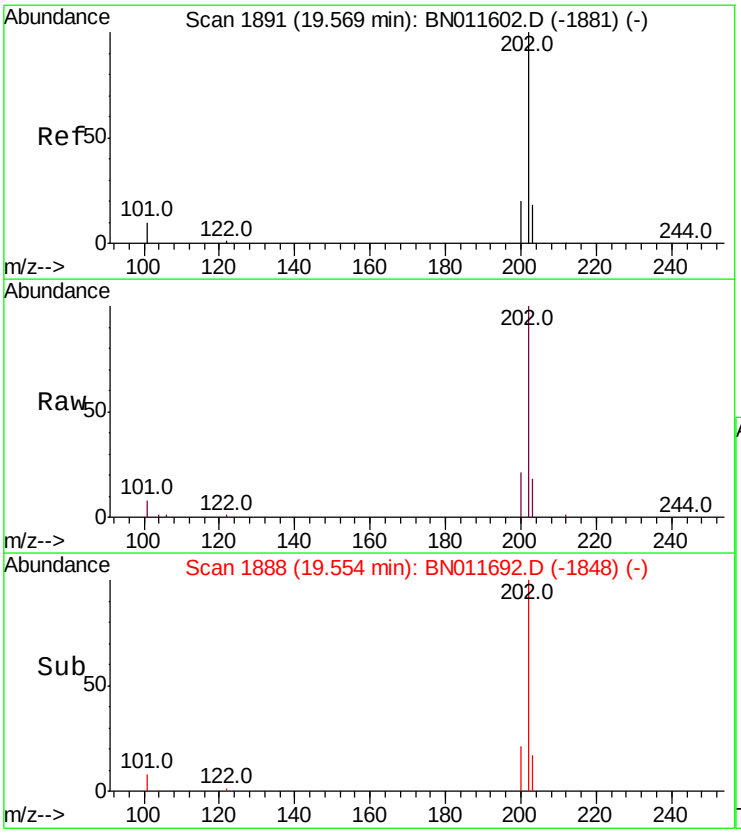
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:240 Resp: 9171

Ion	Ratio	Lower	Upper
240	100		
120	6.1	9.9	14.9#
236	26.8	22.2	33.4

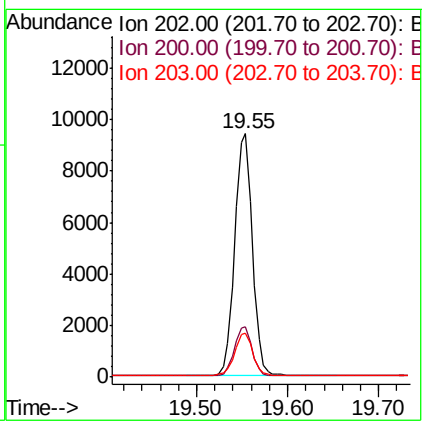


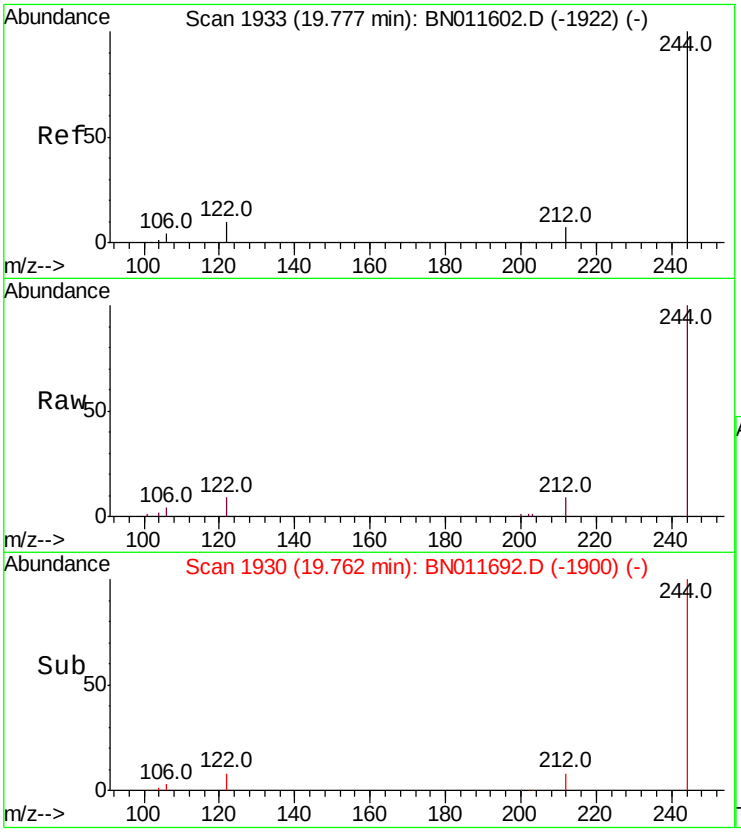


#30
Pyrene
Concen: 0.400 ng
RT: 19.55 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:202 Resp: 12766

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.8	14.1	21.1



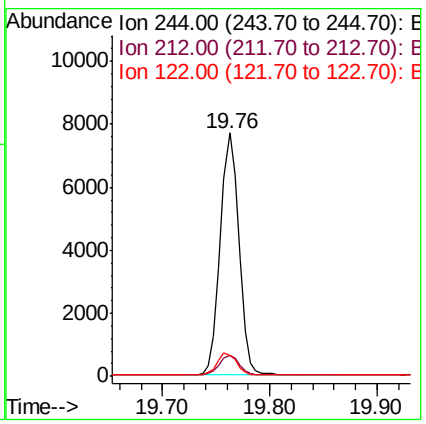


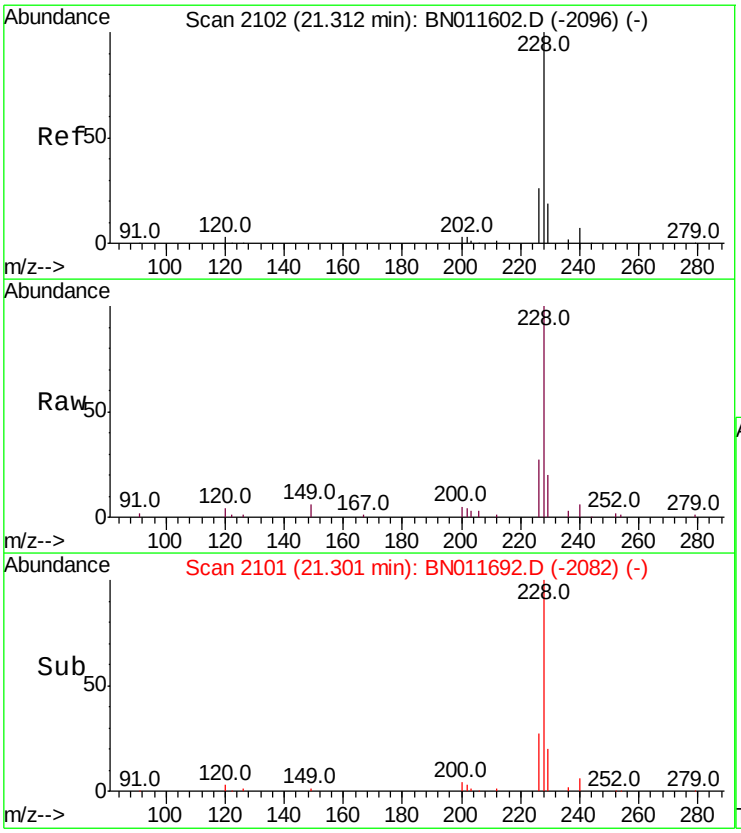
#31
Terphenyl-d14
Concen: 0.406 ng
RT: 19.76 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:244 Resp: 9246

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	8.7	7.4	11.2

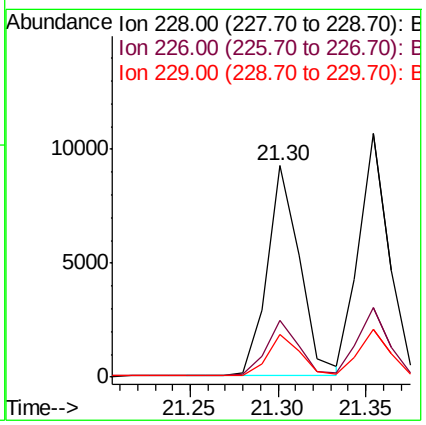


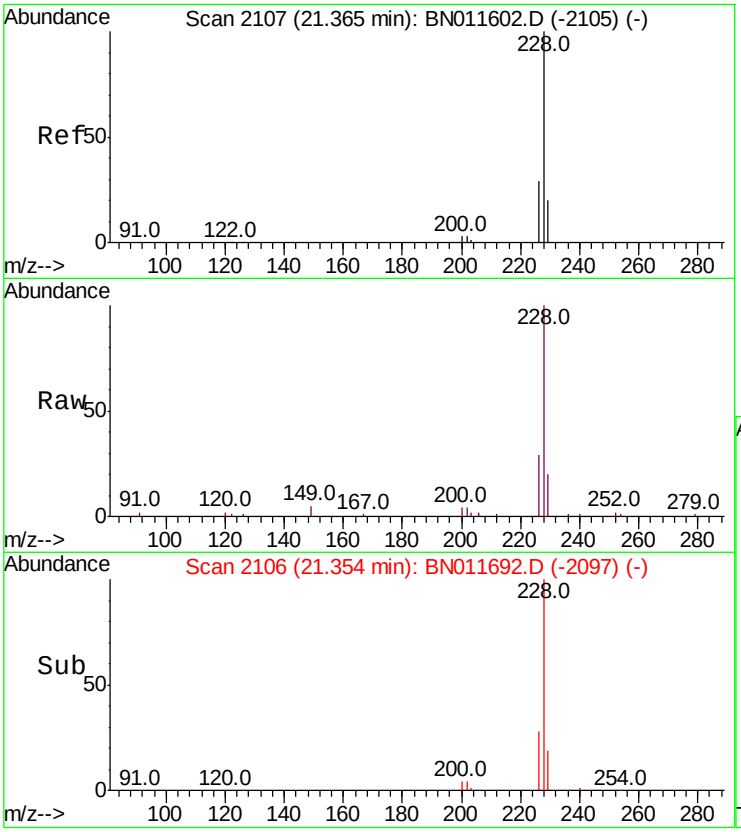


#32
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.30 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:228 Resp: 11983

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.2	31.8
229	20.3	16.0	24.0



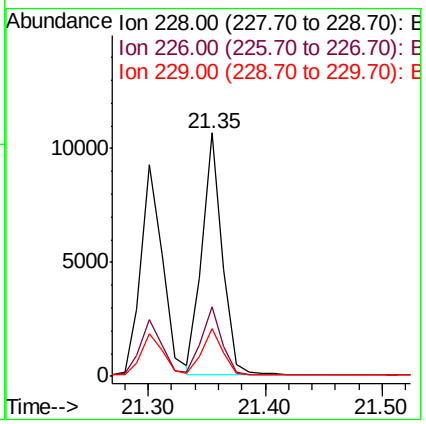


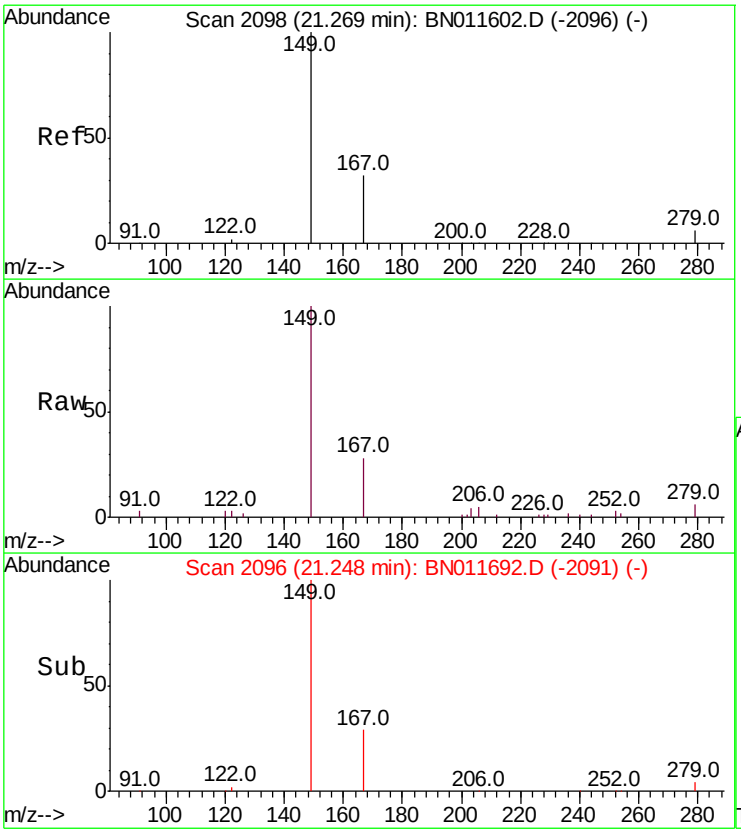
#33
Chrysene
Concen: 0.379 ng
RT: 21.35 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:228 Resp: 12812

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	19.9	15.9	23.9

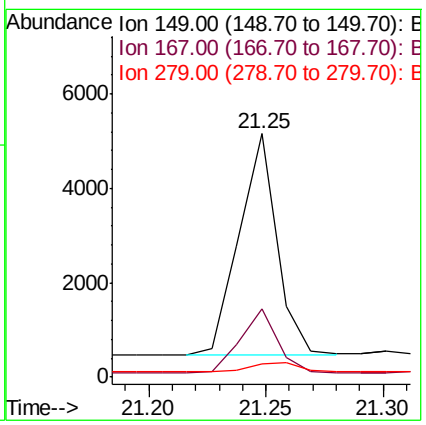


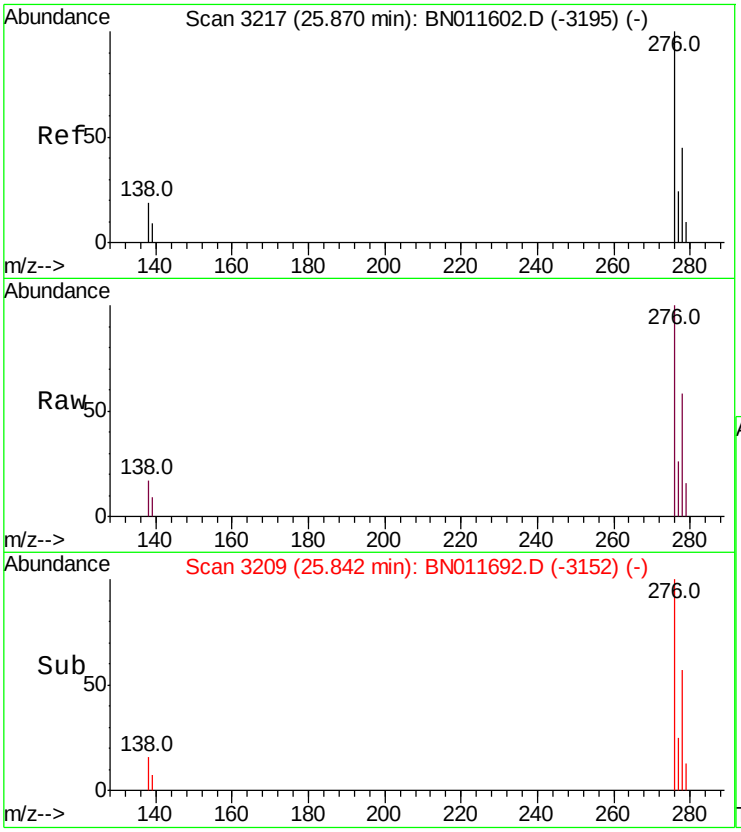


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.396 ng
RT: 21.25 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:149 Resp: 5271

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.2	34.8
279	4.9	4.0	6.0



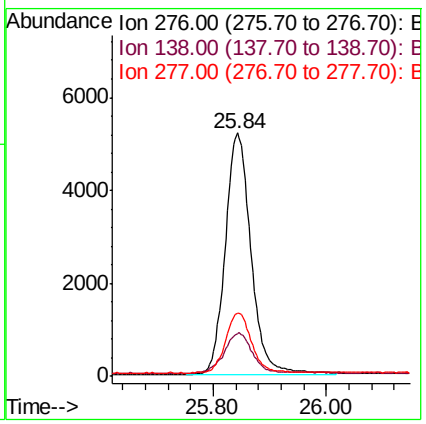


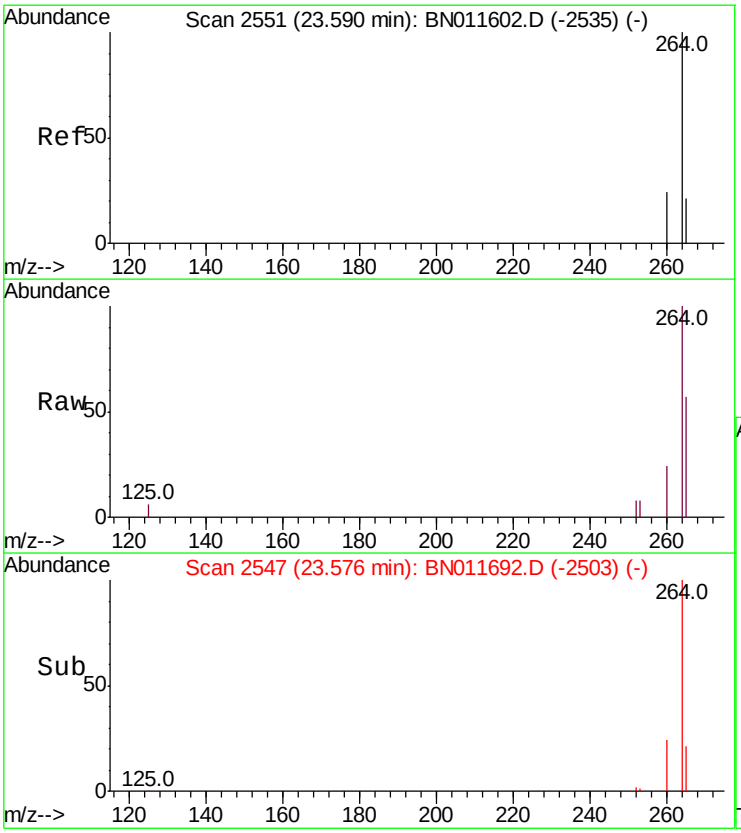
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 25.84 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:276 Resp: 16371

Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.4	23.2
277	24.7	20.1	30.1

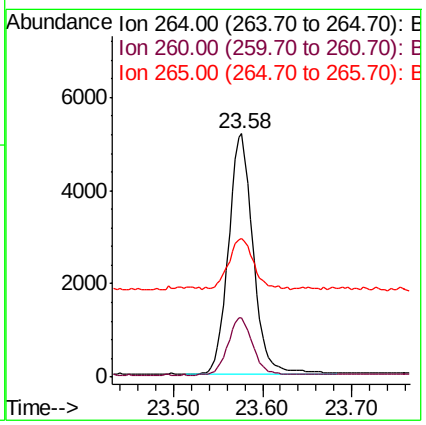


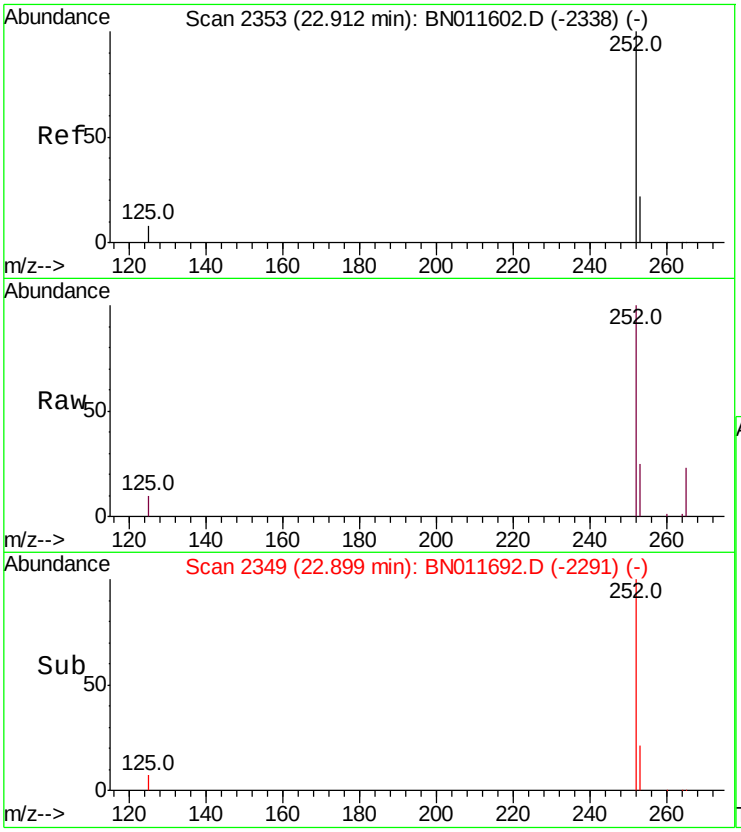


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.58 min Scan# 2547
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:264 Resp: 9894

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	56.8	38.9	58.3



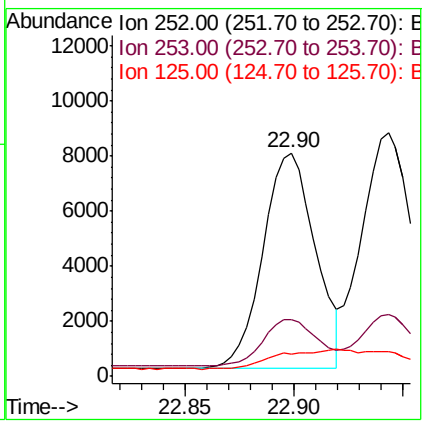


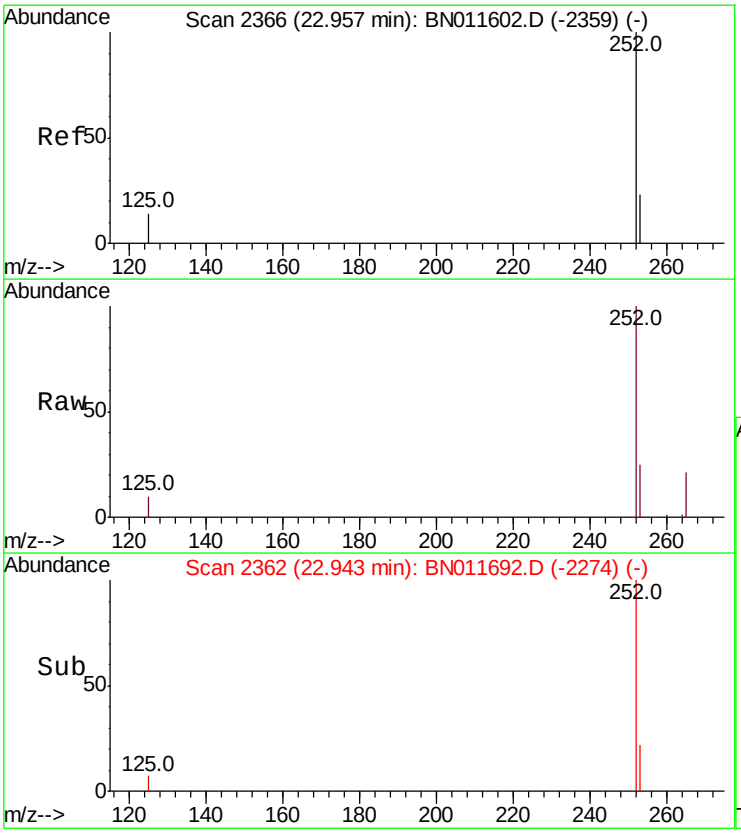
#37
Benzo(b)fluoranthene
Concen: 0.345 ng
RT: 22.90 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:252 Resp: 13108

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.7	29.5
125	10.1	7.8	11.8

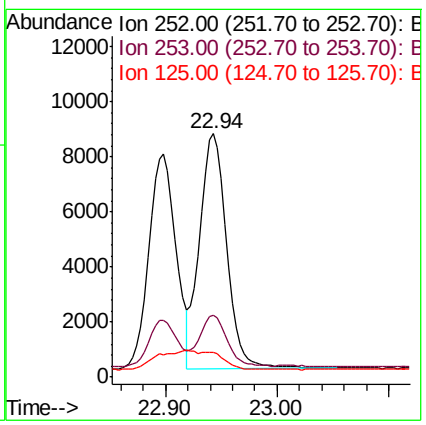


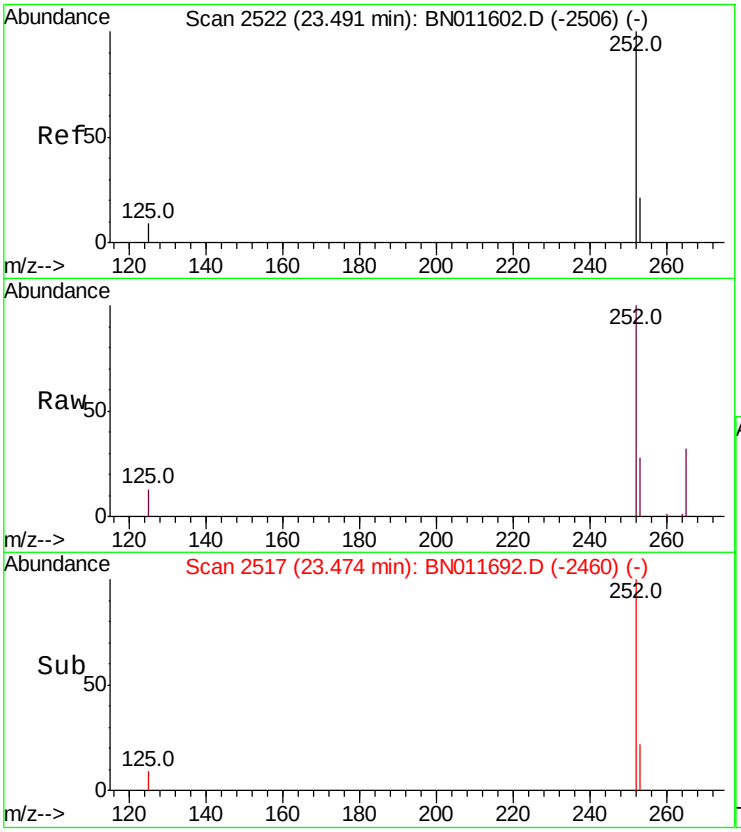


#38
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 22.94 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:252 Resp: 14374

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.4	29.0
125	10.0	8.4	12.6



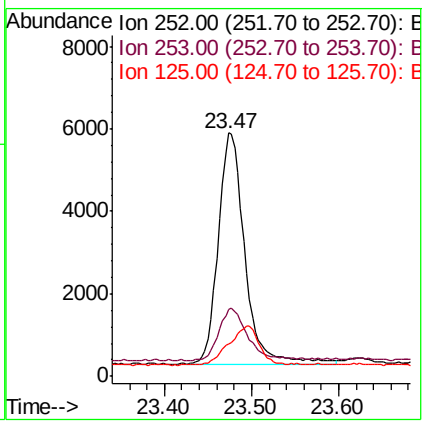


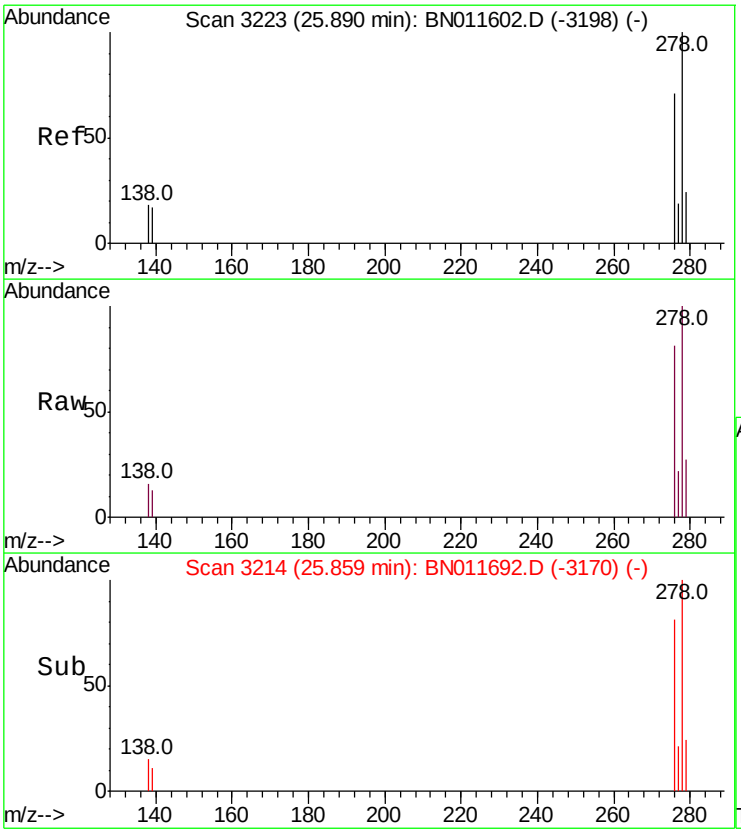
#39
Benzo(a)pyrene
Concen: 0.349 ng
RT: 23.47 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:252 Resp: 11823

Ion	Ratio	Lower	Upper
252	100		
253	27.5	20.3	30.5
125	13.3	9.8	14.6

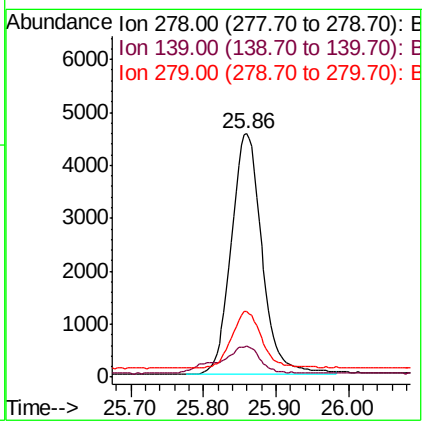


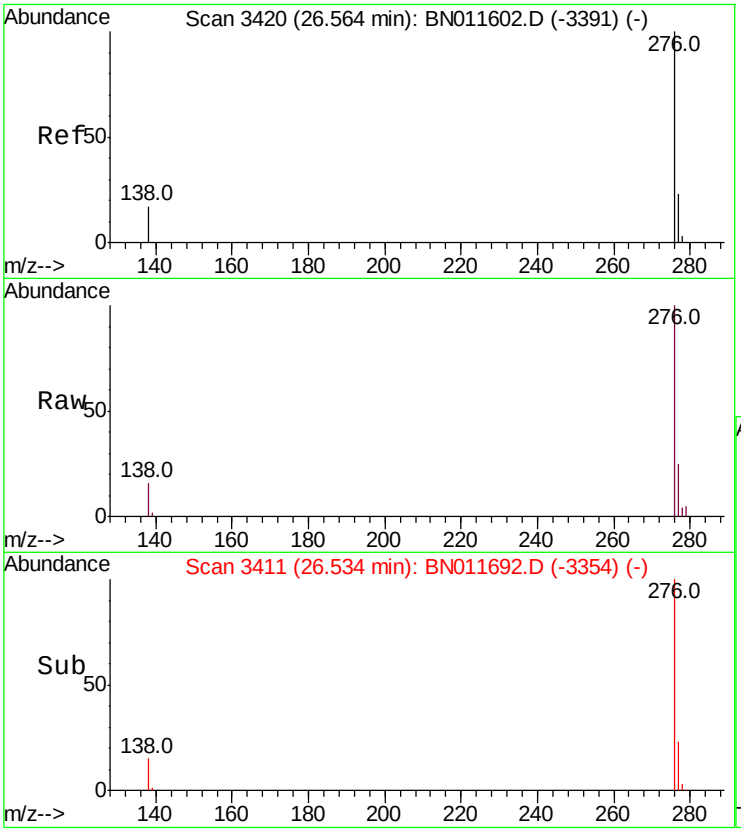


#40
Dibenzo(a,h)anthracene
Concen: 0.347 ng
RT: 25.86 min Scan# 3214
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:278 Resp: 13291

Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.0	16.6
279	27.0	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.339 ng
RT: 26.53 min Scan# 3411
Delta R.T. -0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tgt Ion:276 Resp: 12711

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.7	29.5
138	16.4	13.4	20.2