Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
Data File : BN009020.D
Acq On : 18 Dec 2019 18:16
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 19 00:59:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 00:50:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3682	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	13489	0.40	ng		0.00
13) Acenaphthene-d10	14.17	164	8556	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	19614	0.40	ng		0.00
27) Chrysene-d12	21.12	240	17654	0.40	ng		0.00
34) Perylene-d12	23.26	264	16395	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	3998	0.43	ng		0.00
5) Phenol-d6	6.73	99	4840	0.37	ng		0.00
8) Nitrobenzene-d5	8.67	82	4632	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	9108	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	1613	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	13745	0.42	ng		0.00
25) Fluoranthene-d10	18.95	212	23358	0.39	ng		0.00
29) Terphenyl-d14	19.56	244	18732	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	1713	0.496	ng		99
3) n-Nitrosodimethylamine	3.50	42	2153	0.452	ng	#	98
6) bis(2-Chloroethyl)ether	6.99	93	4908	0.402	ng		99
9) Naphthalene	10.34	128	15478	0.421	ng		99
10) Hexachlorobutadiene	10.65	225	3191	0.453	ng	#	99
12) 2-Methylnaphthalene	11.97	142	10933	0.399	ng		99
16) Acenaphthylene	13.88	152	16344	0.418	ng		100
17) Acenaphthene	14.22	154	10956	0.422	ng		99
18) Fluorene	15.22	166	14764	0.422	ng		100
20) 4-Bromophenyl-phenylether	16.11	248	4999	0.426	ng	#	92
21) Hexachlorobenzene	16.23	284	5550	0.415	ng		98
22) Pentachlorophenol	16.58	266	1612	0.334	ng		98
23) Phenanthrene	16.95	178	25104	0.407	ng		100
24) Anthracene	17.05	178	22032	0.405	ng		100
26) Fluoranthene	18.98	202	29466	0.401	ng		100
28) Pyrene	19.35	202	29519	0.477	ng		100
30) Benzo(a)anthracene	21.10	228	26942	0.430	ng		98
31) Chrysene	21.15	228	27117	0.418	ng		97
32) Bis(2-ethylhexyl)phthalate	21.06	149	14092	0.481	ng		99
33) Indeno(1,2,3-cd)pyrene	25.36	276	25356	0.369	ng		100
35) Benzo(b)fluoranthene	22.63	252	25066	0.427	ng		99
36) Benzo(k)fluoranthene	22.63	252	25066	0.424	ng		98
37) Benzo(a)pyrene	23.17	252	22299	0.423	ng		98
38) Dibenzo(a,h)anthracene	25.37	278	20419	0.413	ng		98
39) Benzo(g,h,i)perylene	26.00	276	20621	0.423	ng		99

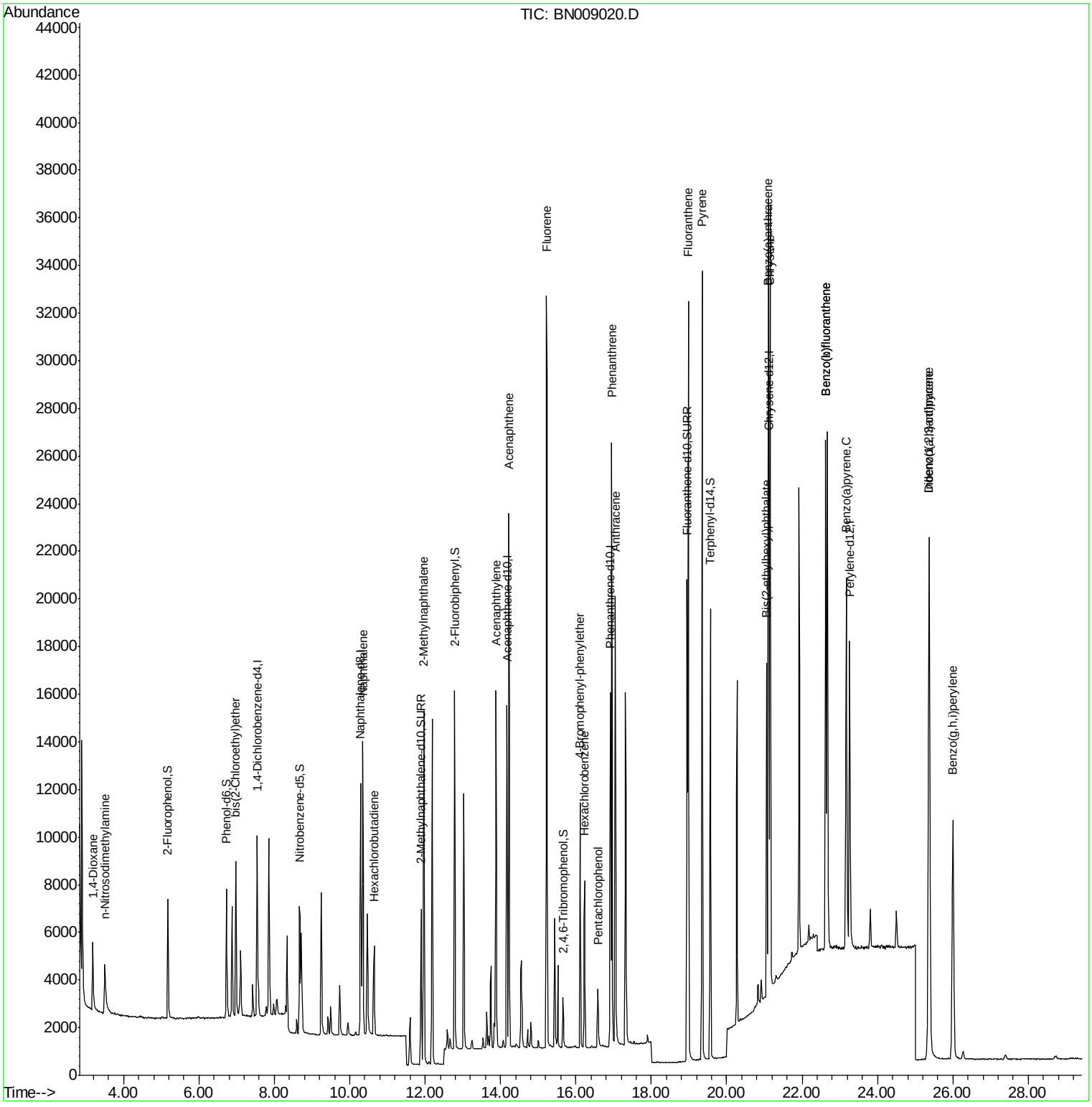
(#) = qualifier out of range (m) = manual integration (+) = signals summed

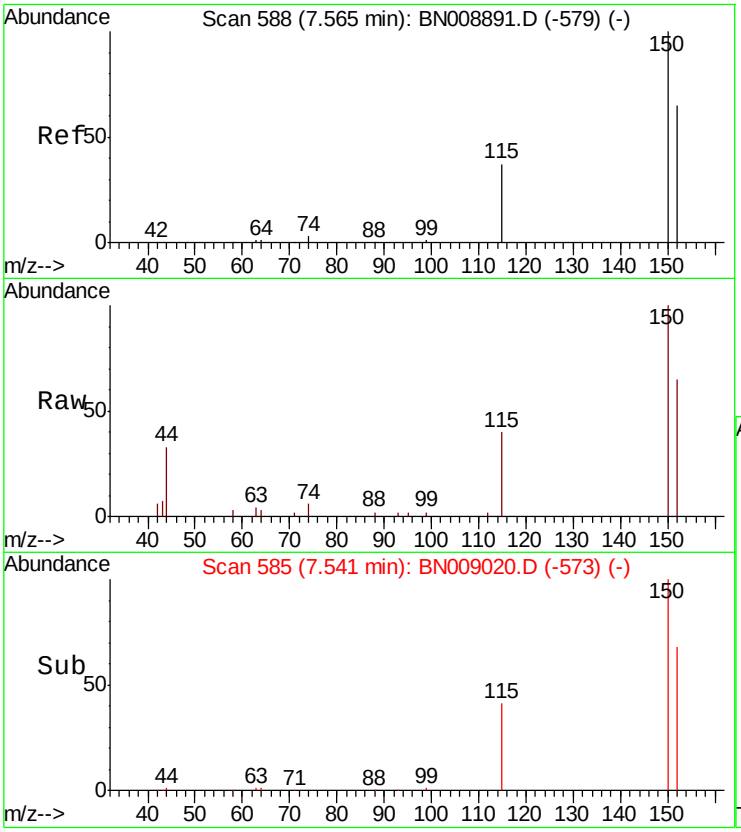
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
Data File : BN009020.D
Acq On : 18 Dec 2019 18:16
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 19 00:59:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 00:50:46 2019
Response via : Initial Calibration



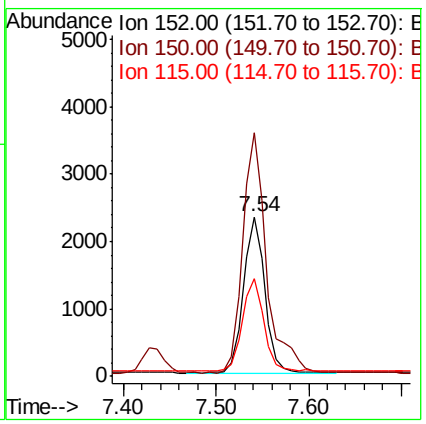


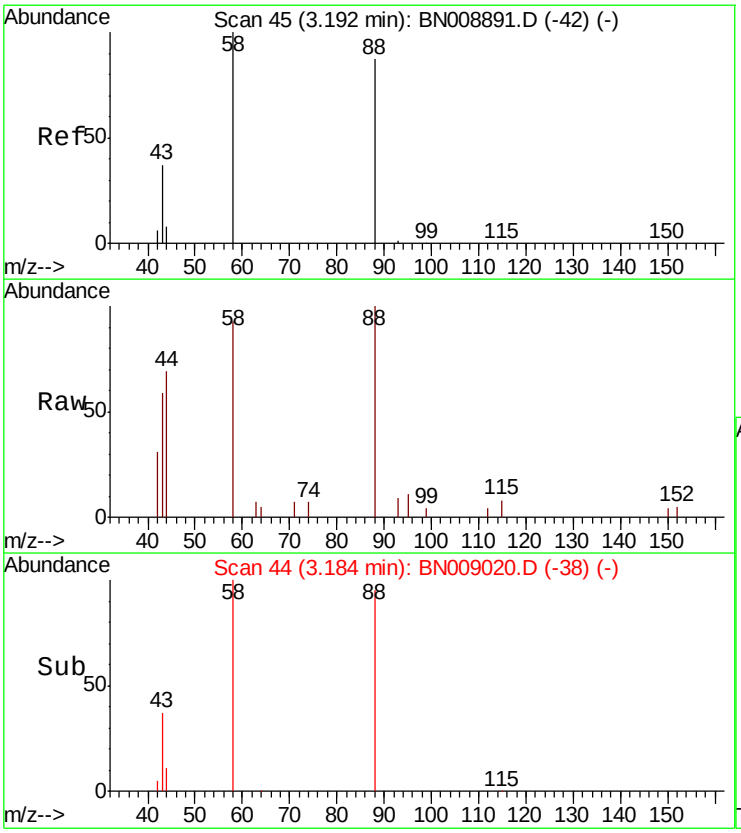
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3682

Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.3	183.5
115	61.7	48.4	72.6

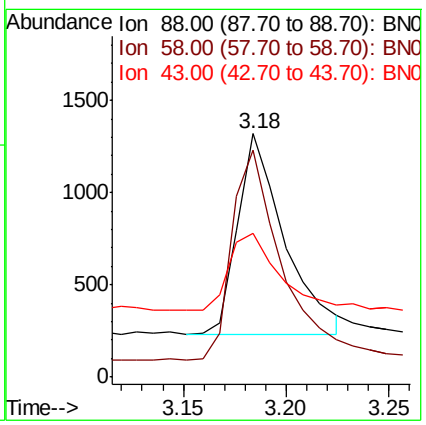


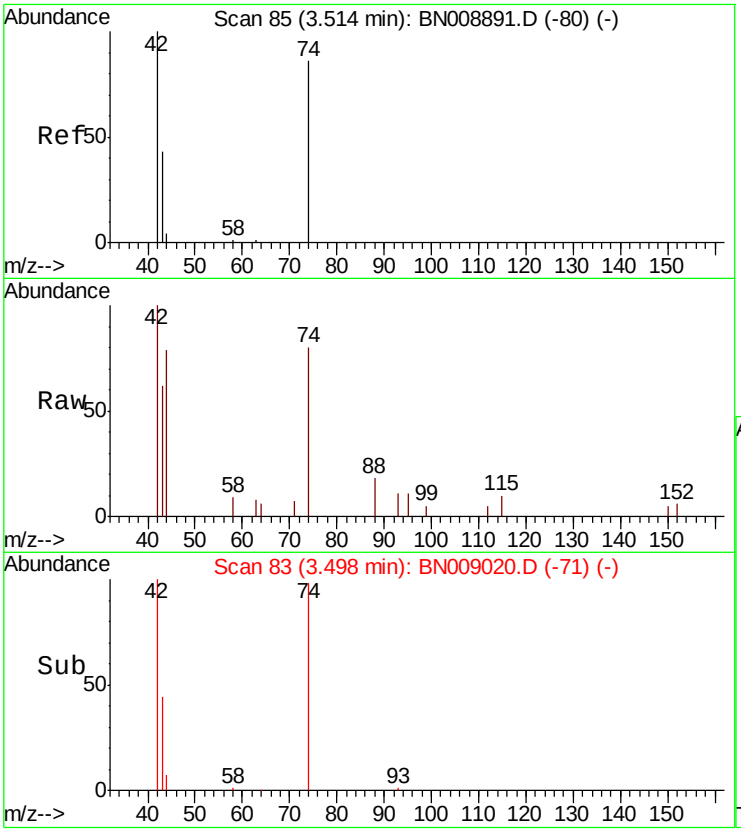


#2
1,4-Dioxane
Concen: 0.496 ng
RT: 3.18 min Scan# 44
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion: 88 Resp: 1713

Ion	Ratio	Lower	Upper
88	100		
58	109.6	88.6	132.8
43	41.3	31.8	47.8



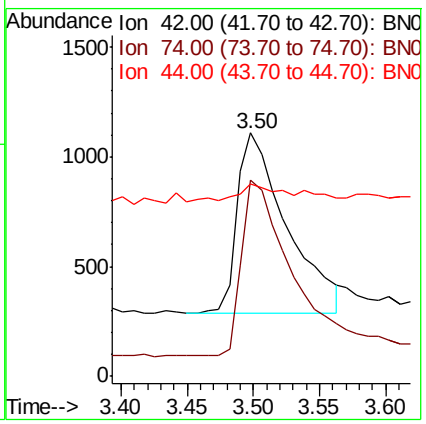


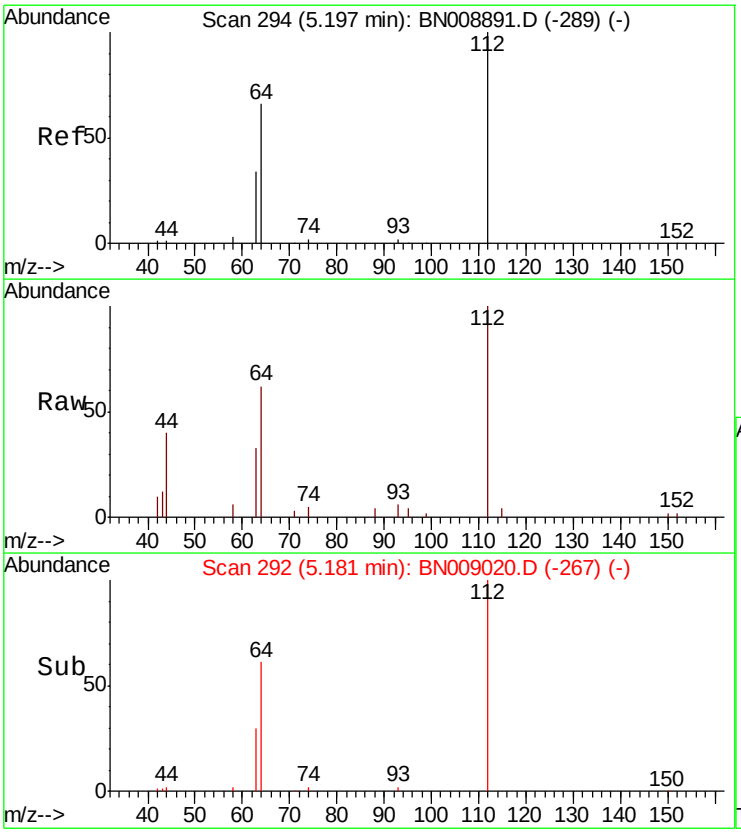
#3
n-Nitrosodimethylamine
Concen: 0.452 ng
RT: 3.50 min Scan# 83
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2153

Ion	Ratio	Lower	Upper
42	100		
74	95.9	78.6	117.8
44	8.4	0.0	0.0#

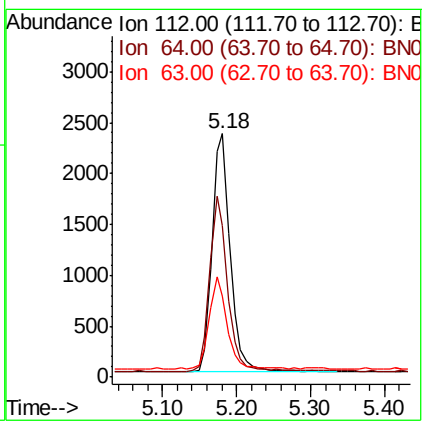


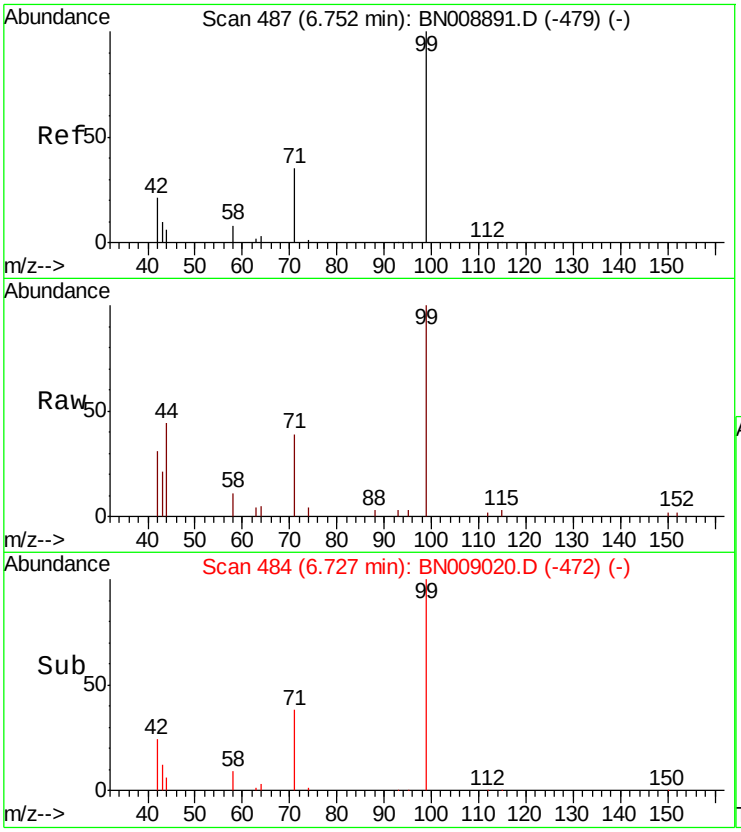


#4
2-Fluorophenol
Concen: 0.427 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:112 Resp: 3998

Ion	Ratio	Lower	Upper
112	100		
64	72.4	57.7	86.5
63	38.7	29.6	44.4



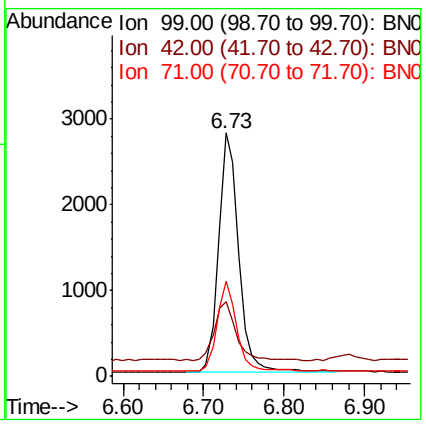


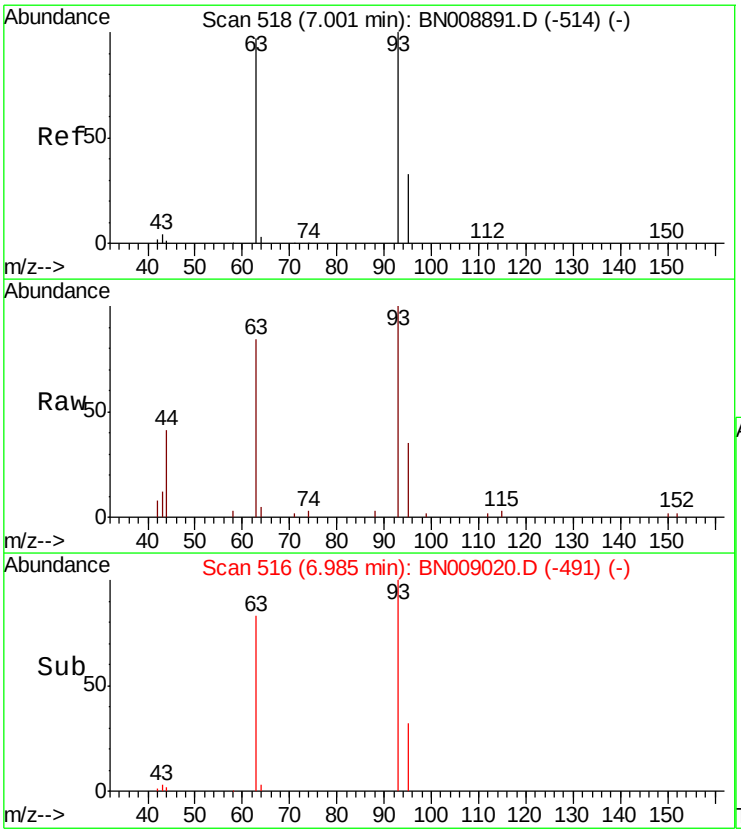
#5
Phenol-d6
Concen: 0.374 ng
RT: 6.73 min Scan# 484
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4840

Ion	Ratio	Lower	Upper
99	100		
42	27.1	20.1	30.1
71	36.0	28.2	42.2

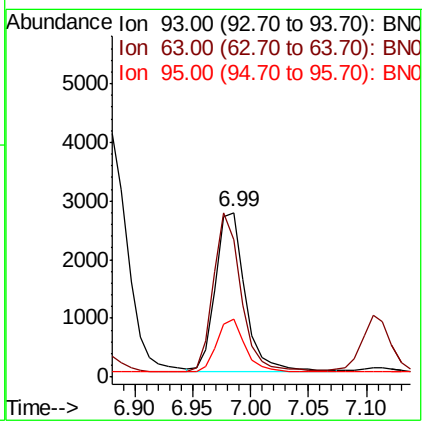


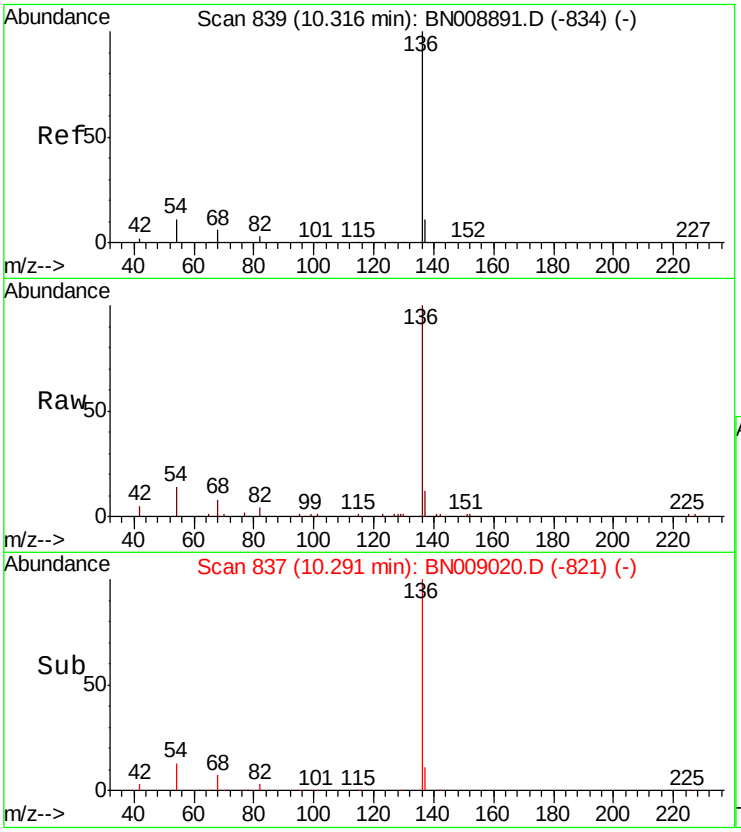


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 6.99 min Scan# 516
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion: 93 Resp: 4908

Ion	Ratio	Lower	Upper
93	100		
63	92.3	73.5	110.3
95	31.6	26.0	39.0



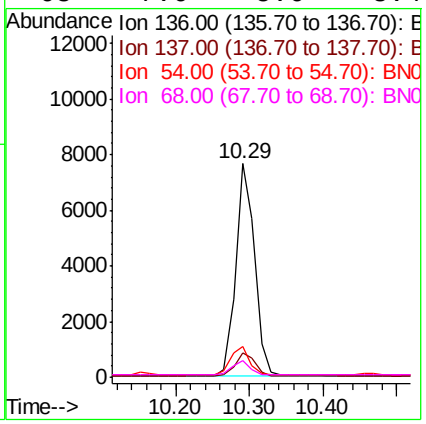


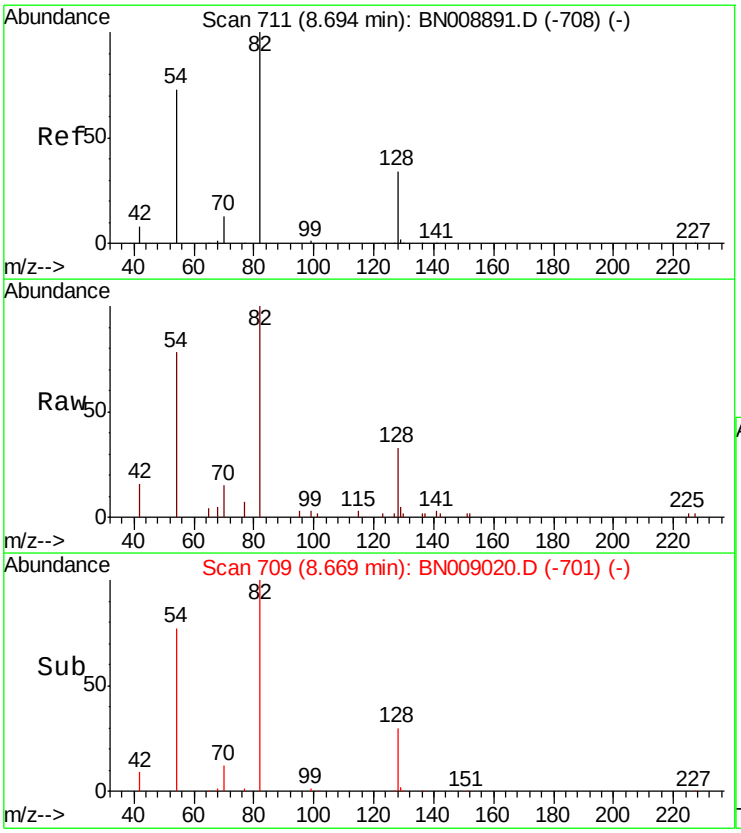
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13489

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	14.3	9.6	14.4
68	7.6	5.6	8.4

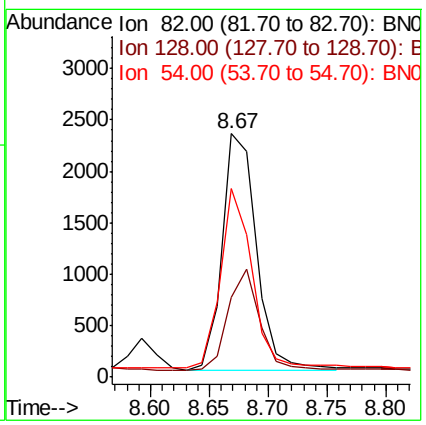


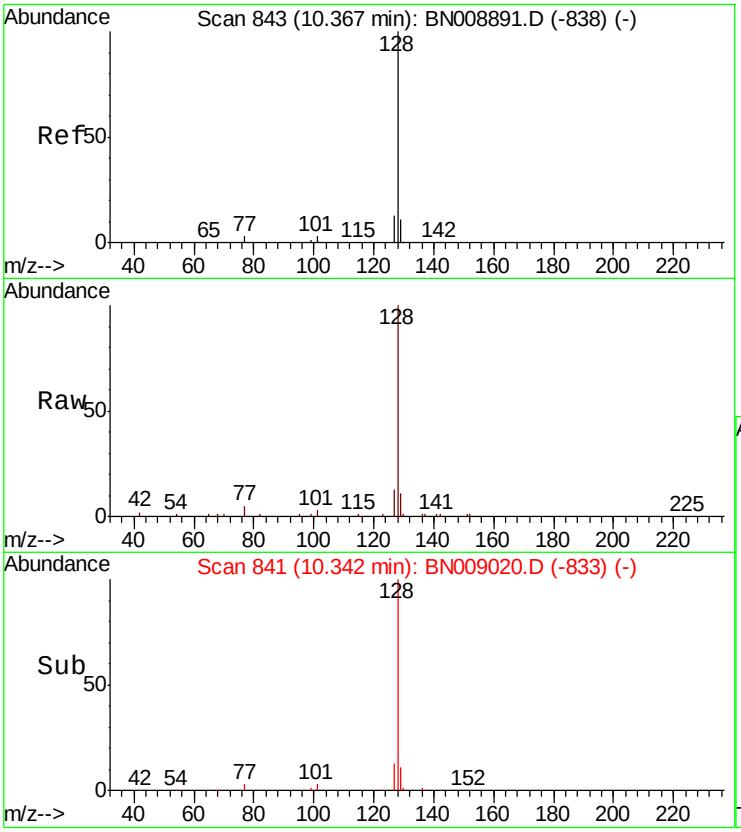


#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 8.67 min Scan# 709
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion: 82 Resp: 4632

Ion	Ratio	Lower	Upper
82	100		
128	32.8	29.1	43.7
54	77.6	59.7	89.5



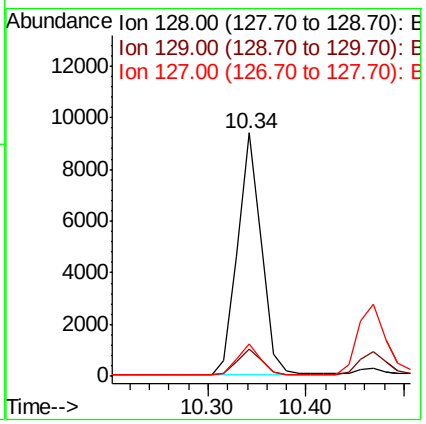


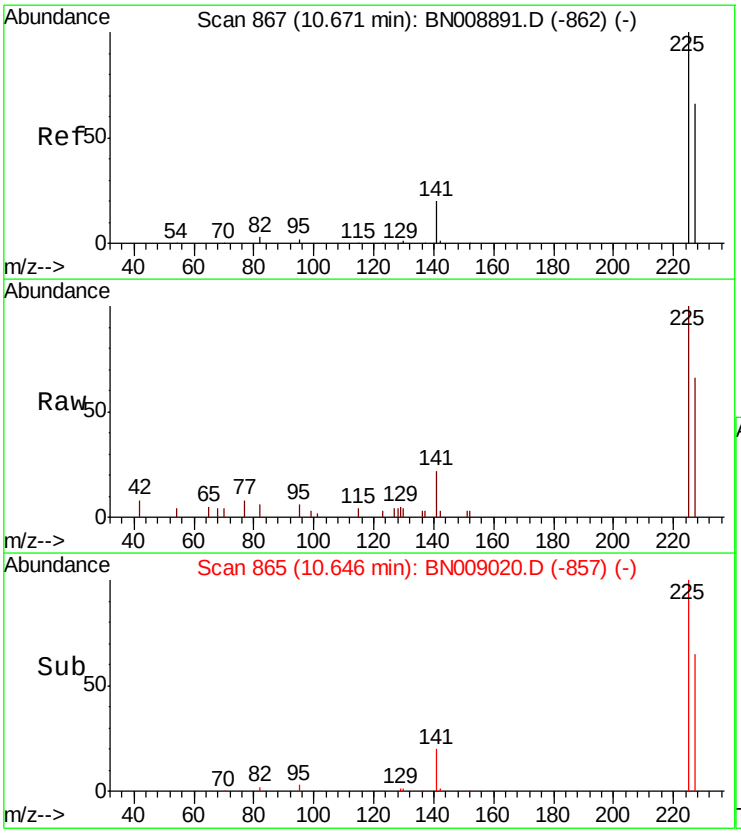
#9
Naphthalene
Concen: 0.421 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15478

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.4	10.8	16.2

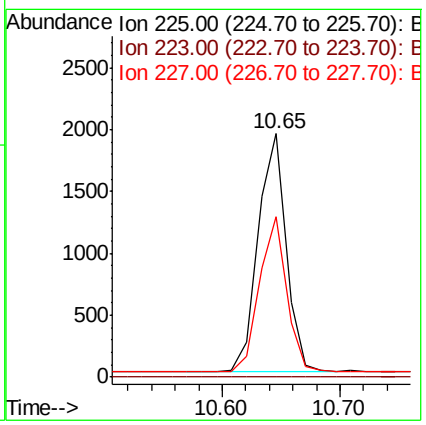


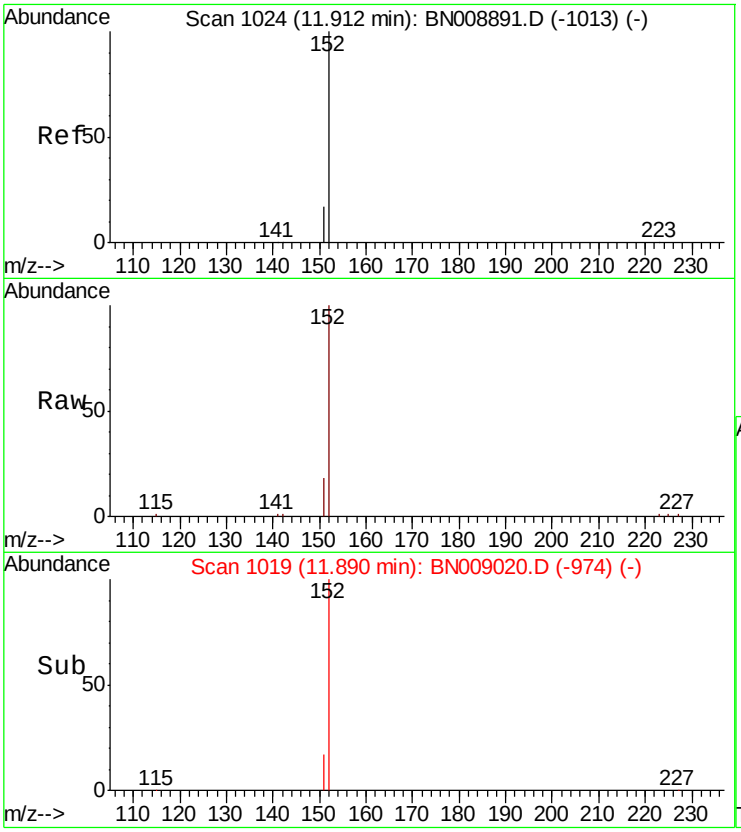


#10
Hexachlorobutadiene
Concen: 0.453 ng
RT: 10.65 min Scan# 865
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:225 Resp: 3191

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.4	77.2



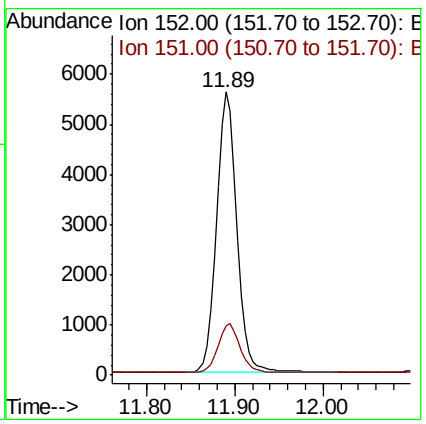


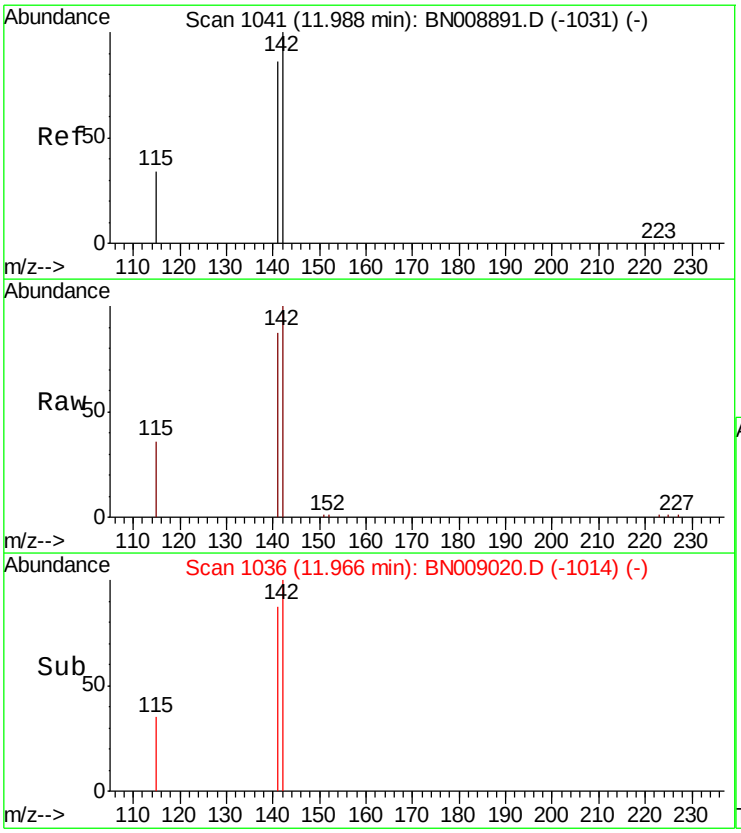
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 11.89 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9108

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

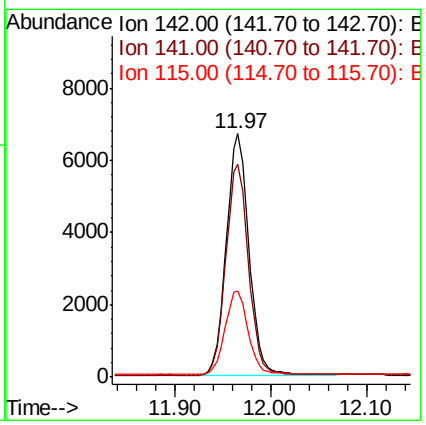


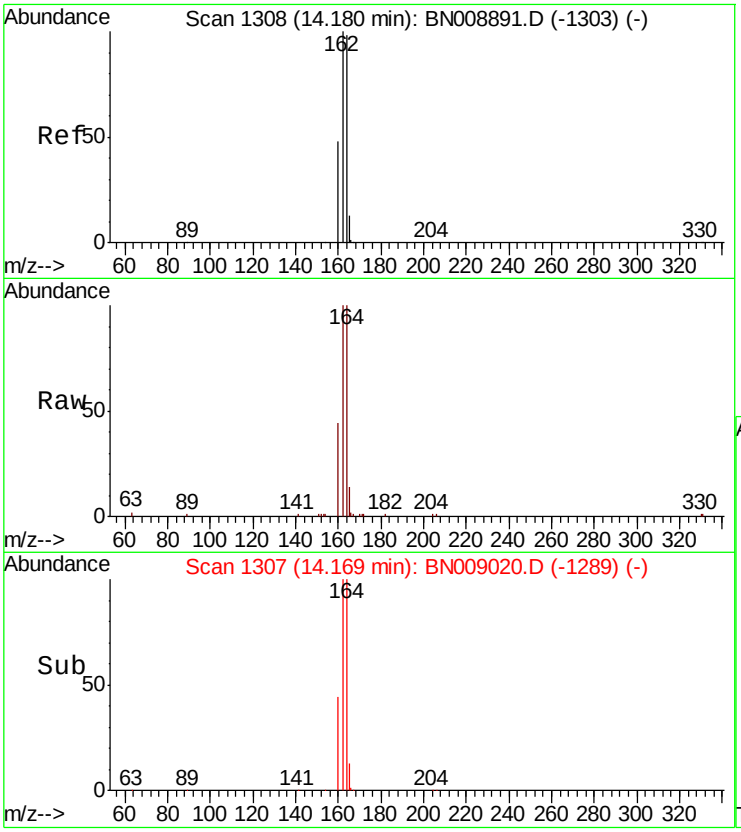


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 11.97 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:142 Resp: 10933

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.3	103.9
115	35.5	27.9	41.9



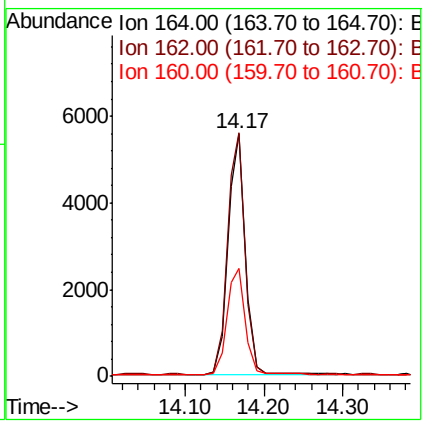


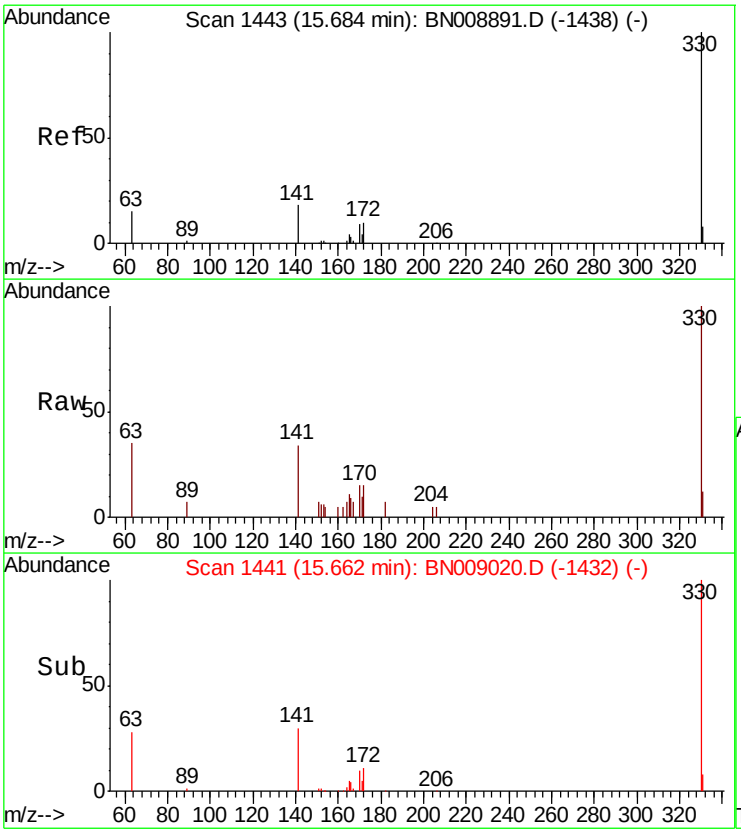
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8556

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.9	122.9
160	44.4	39.3	58.9

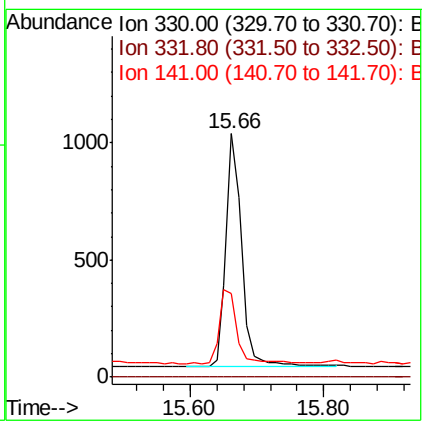


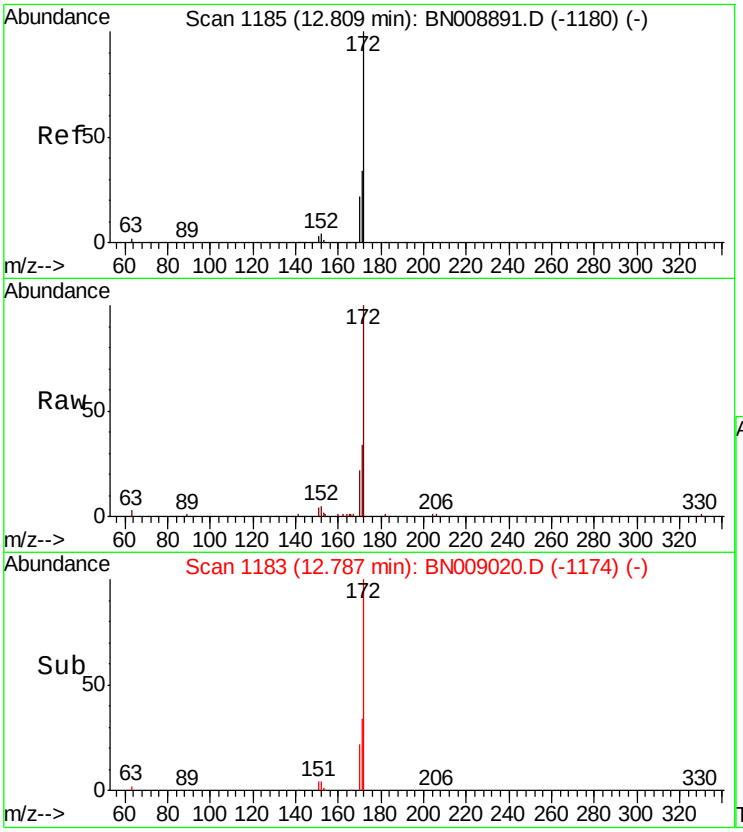


#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:330 Resp: 1613

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.3	29.6	44.4



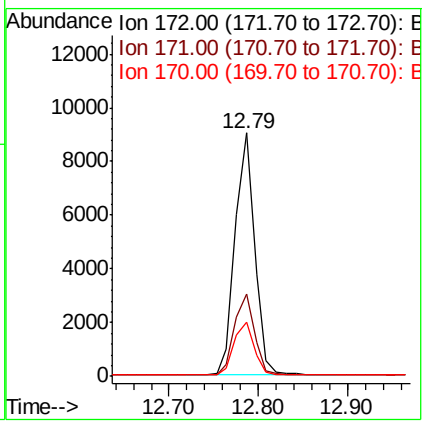


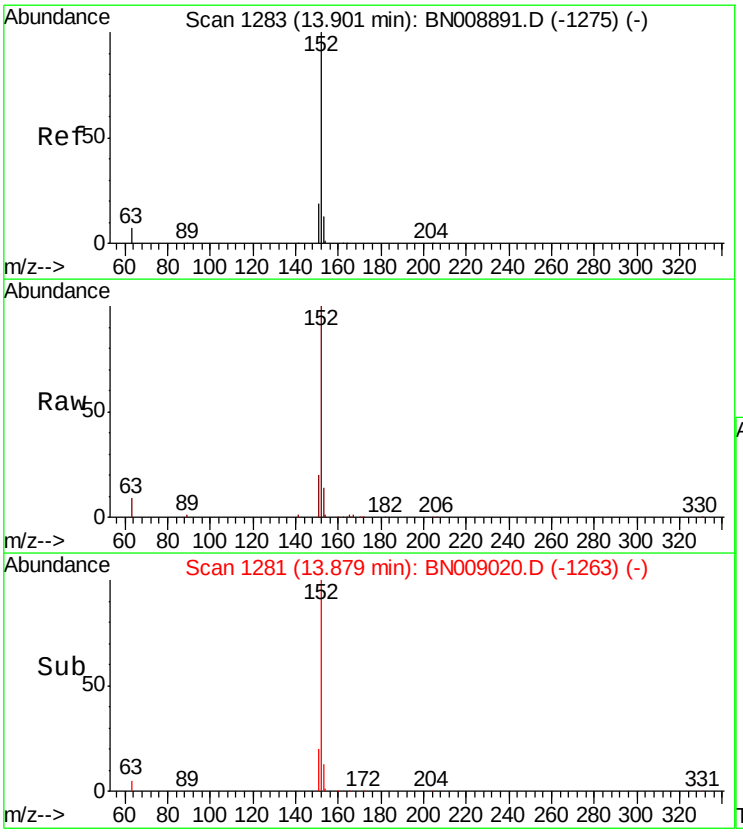
#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13745

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.1	40.7
170	22.2	17.7	26.5

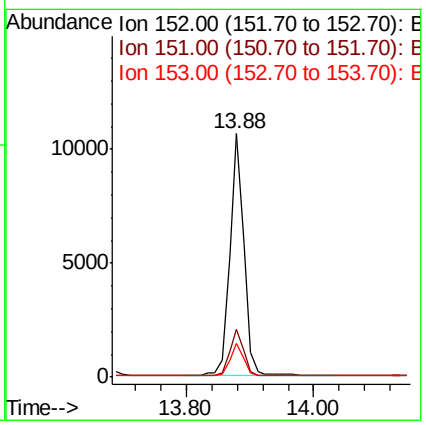


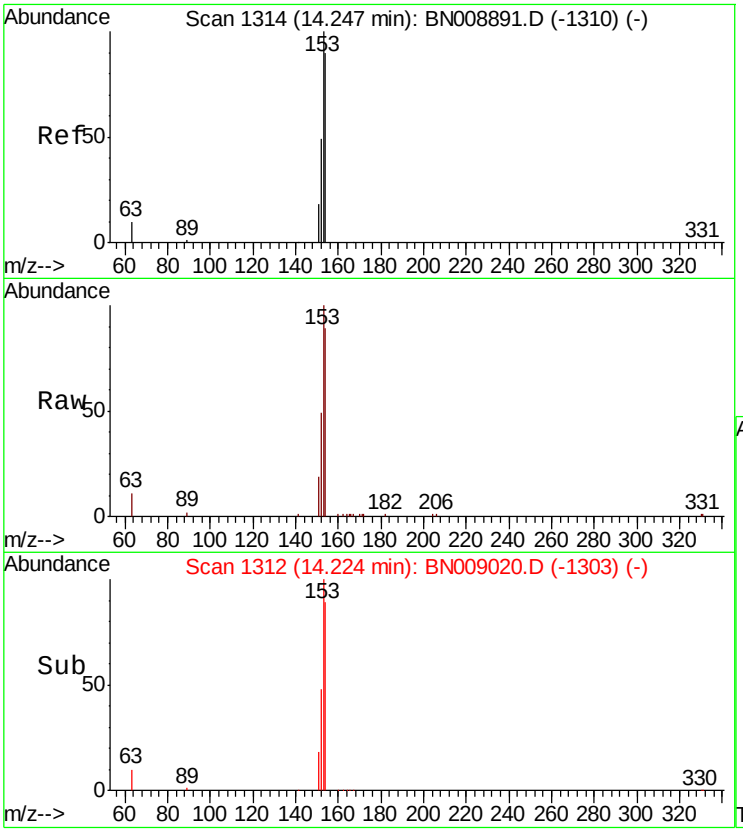


#16
Acenaphthylene
Concen: 0.418 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:152 Resp: 16344

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9
153	12.9	10.3	15.5



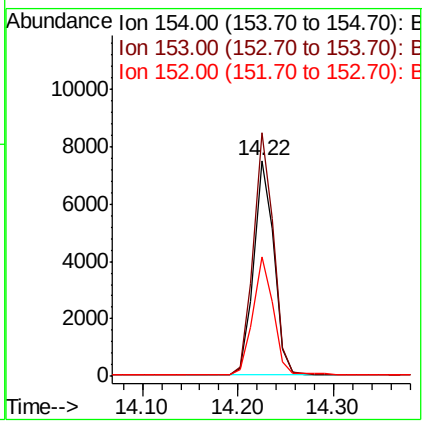


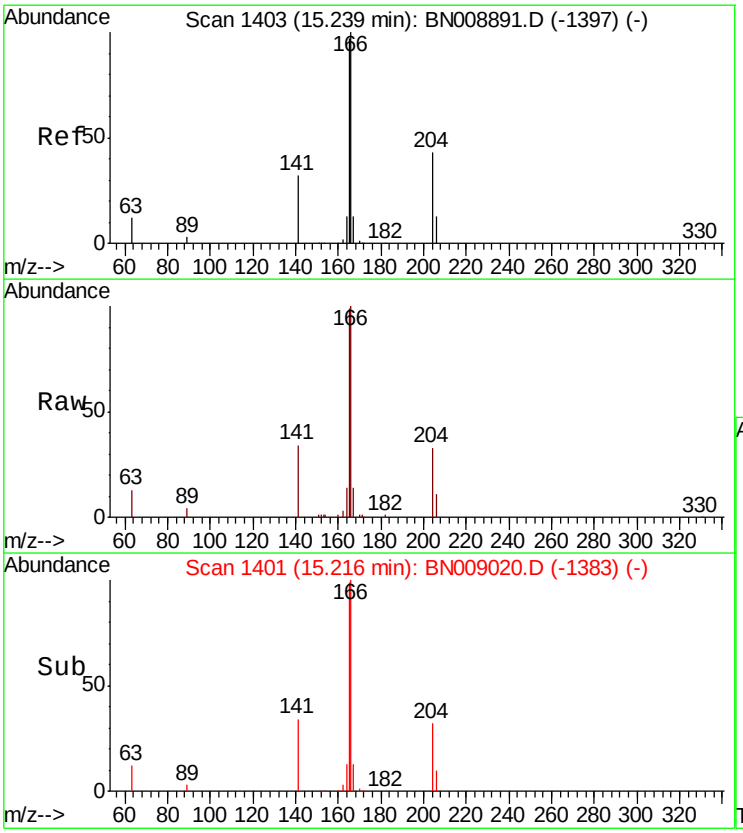
#17
Acenaphthene
Concen: 0.422 ng
RT: 14.22 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10956

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.2	133.8
152	54.8	44.2	66.4

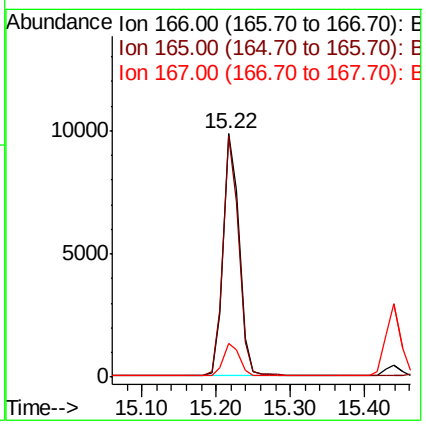


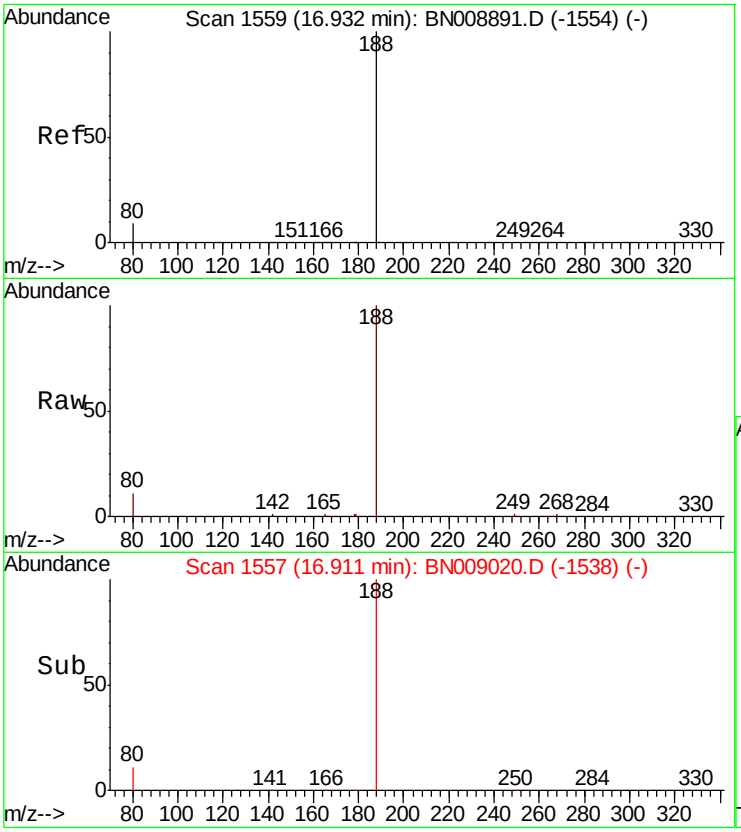


#18
Fluorene
Concen: 0.422 ng
RT: 15.22 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:166 Resp: 14764

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.3	115.9
167	13.5	10.8	16.2



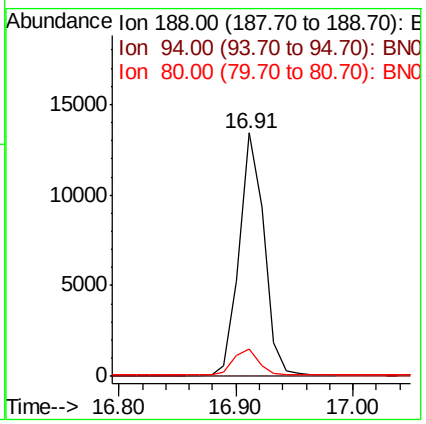


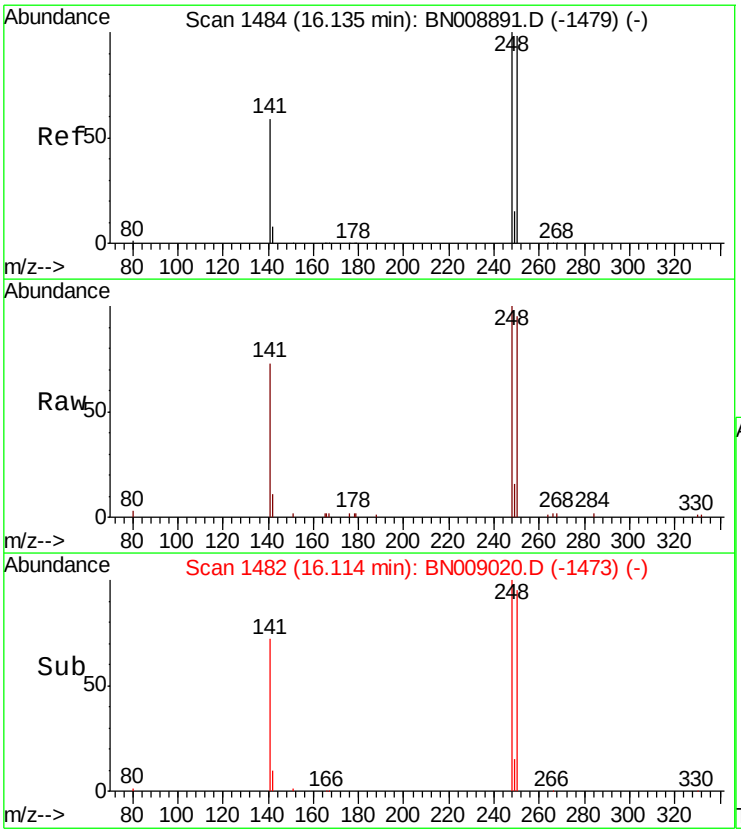
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 19614

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	7.3	10.9#

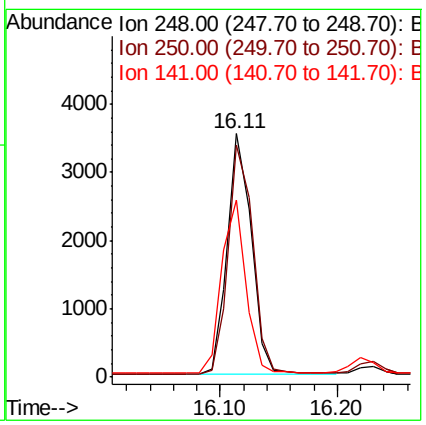


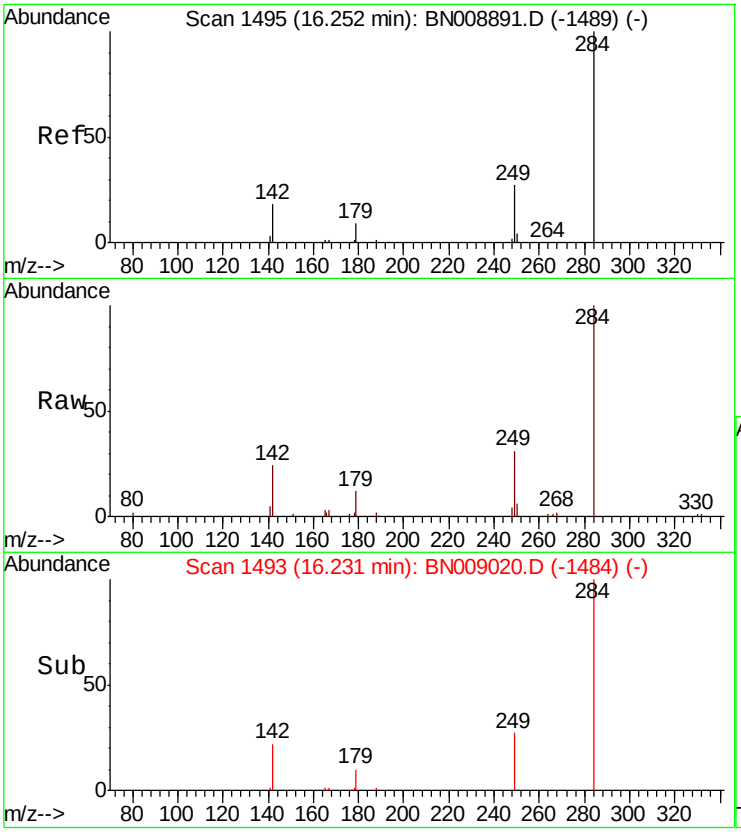


#20
4-Bromophenyl-phenylether
Concen: 0.426 ng
RT: 16.11 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:248 Resp: 4999

Ion	Ratio	Lower	Upper
248	100		
250	95.2	78.7	118.1
141	72.5	47.9	71.9#



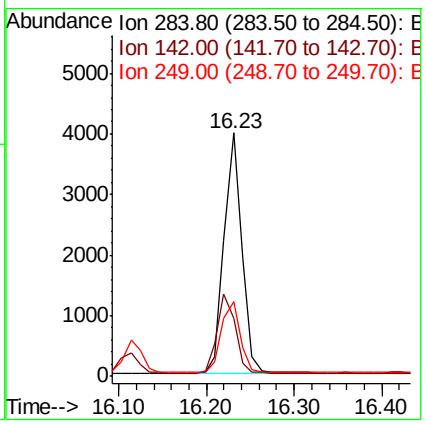


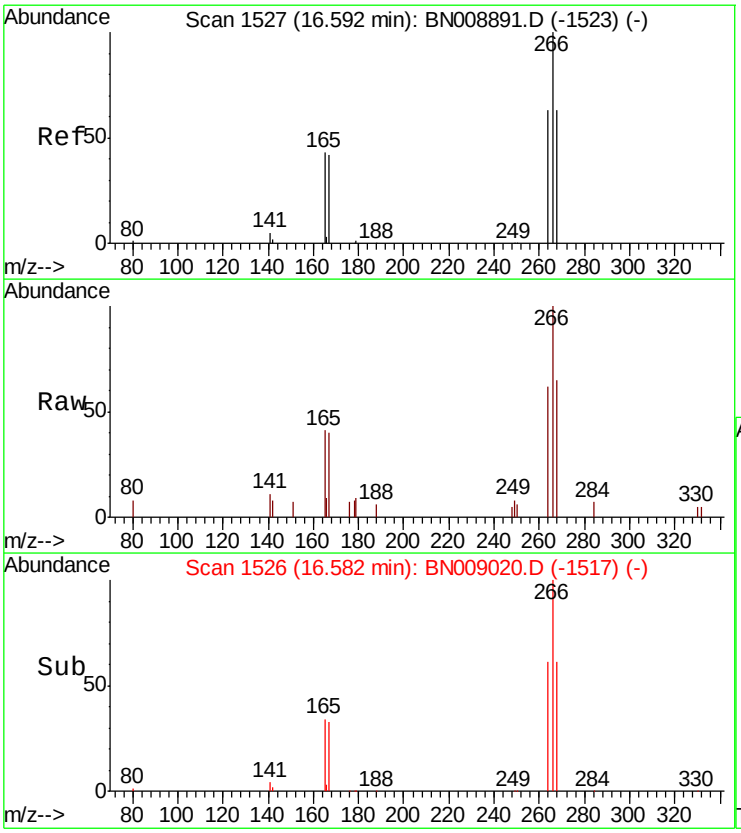
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.23 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5550

Ion	Ratio	Lower	Upper
284	100		
142	33.7	27.8	41.6
249	30.9	25.3	37.9

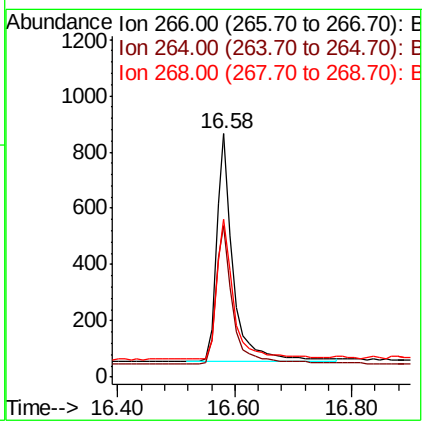


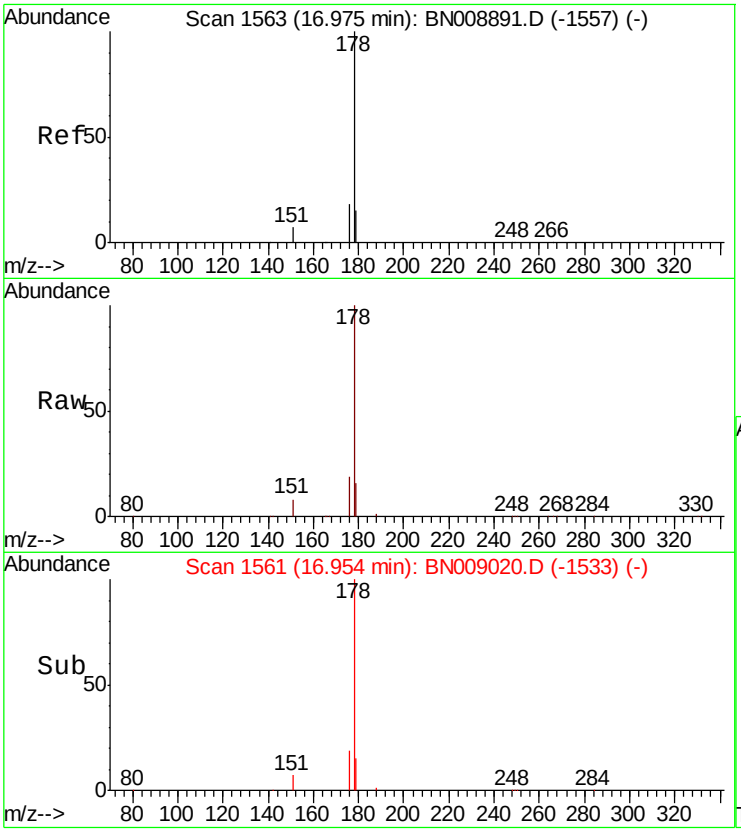


#22
Pentachlorophenol
Concen: 0.334 ng
RT: 16.58 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:266 Resp: 1612

Ion	Ratio	Lower	Upper
266	100		
264	62.4	51.5	77.3
268	65.0	53.1	79.7



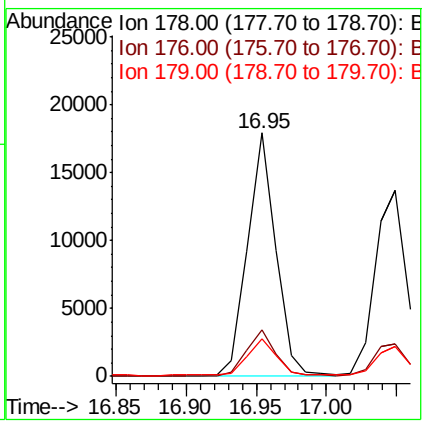


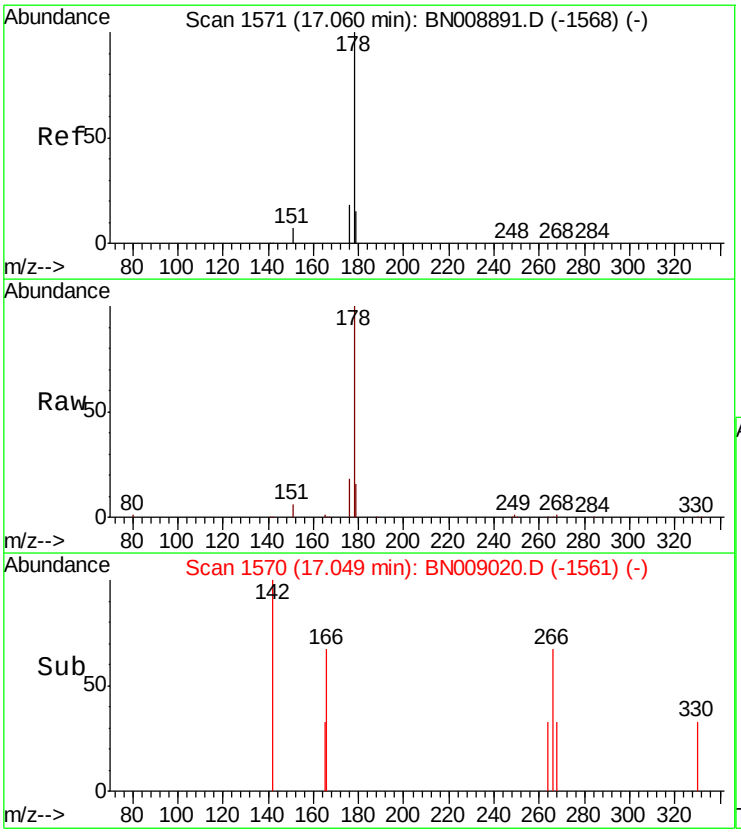
#23
Phenanthrene
Concen: 0.407 ng
RT: 16.95 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 25104

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.4	12.3	18.5

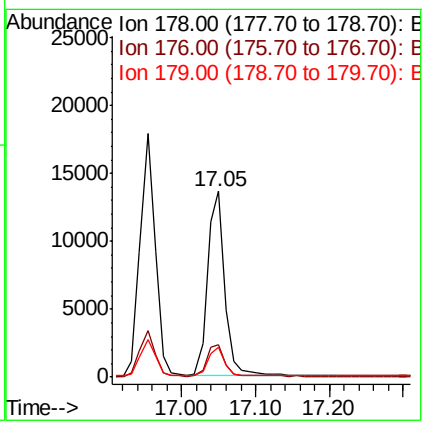


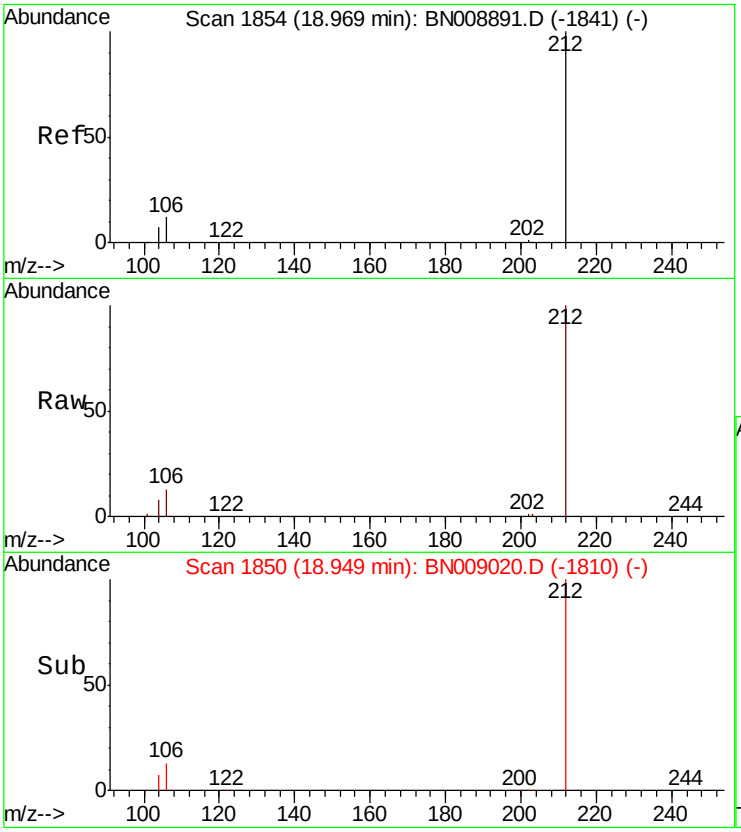


#24
Anthracene
Concen: 0.405 ng
RT: 17.05 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:178 Resp: 22032

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.3	12.1	18.1



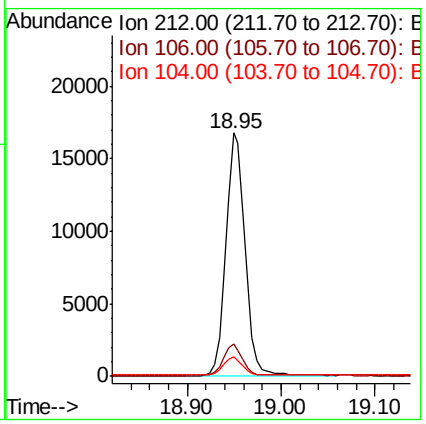


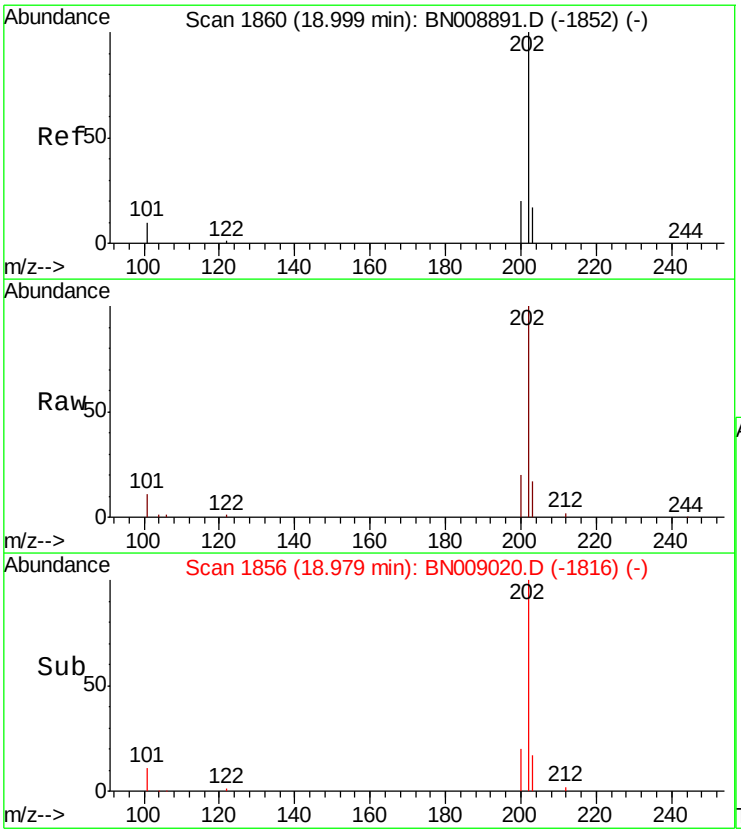
#25
Fluoranthene-d10
Concen: 0.394 ng
RT: 18.95 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 23358

Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.4	15.6
104	7.4	5.9	8.9

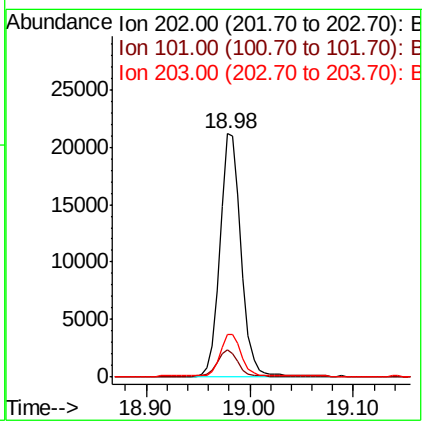


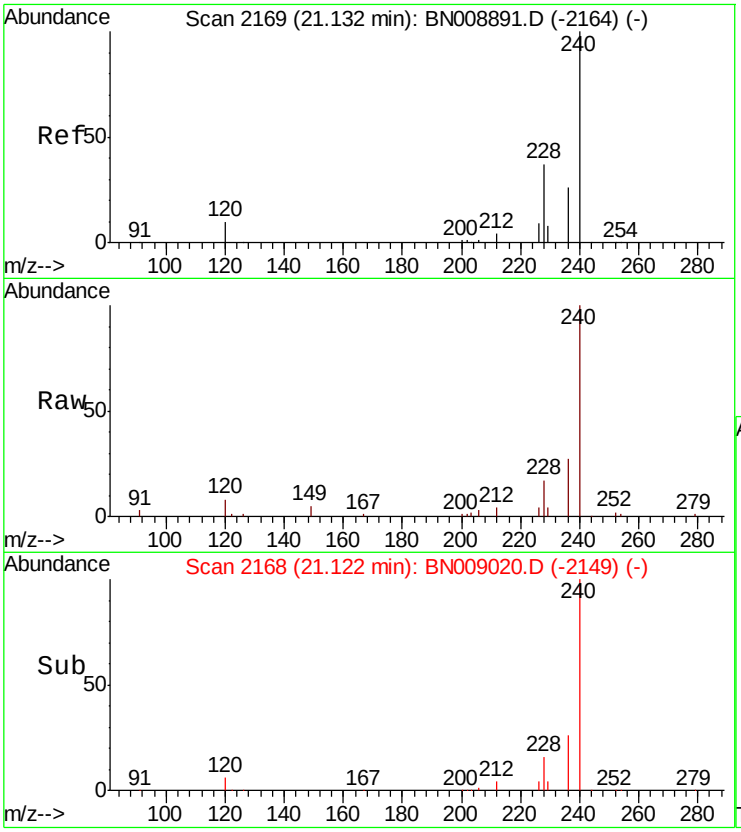


#26
Fluoranthene
Concen: 0.401 ng
RT: 18.98 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:202 Resp: 29466

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.8	13.2
203	17.0	13.8	20.6



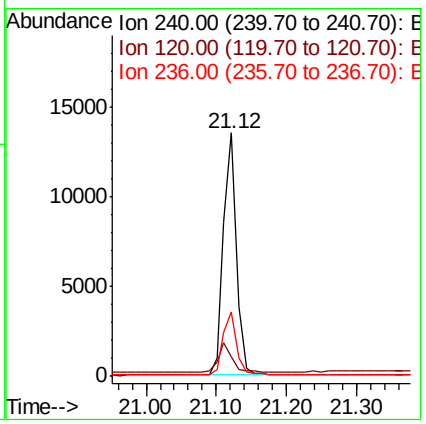


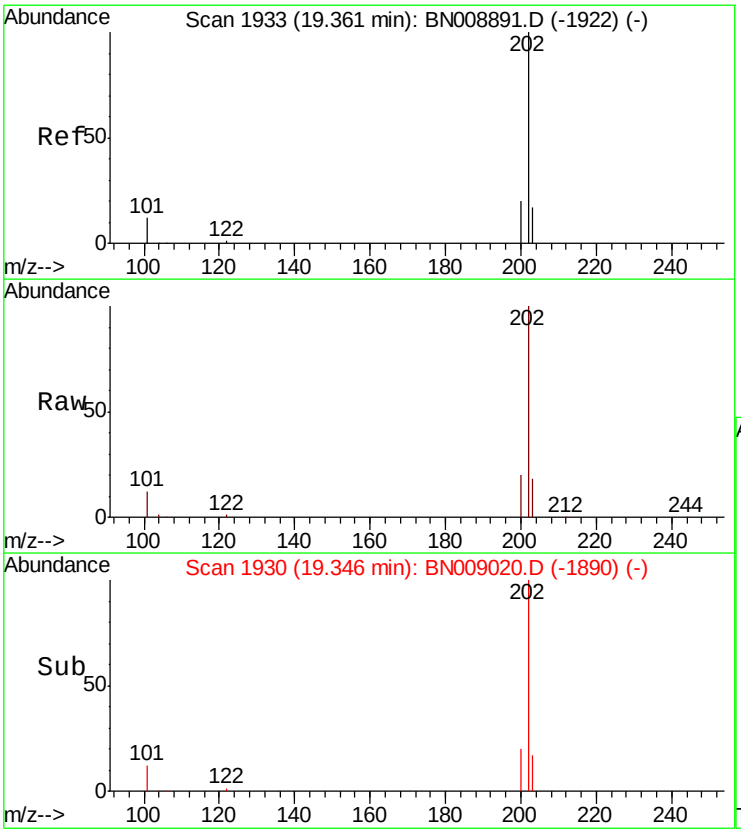
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 17654

Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.1	13.7#
236	26.6	21.5	32.3

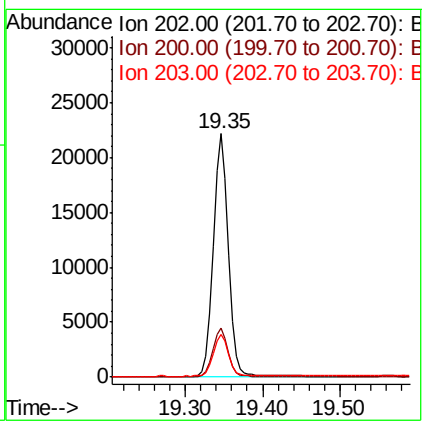


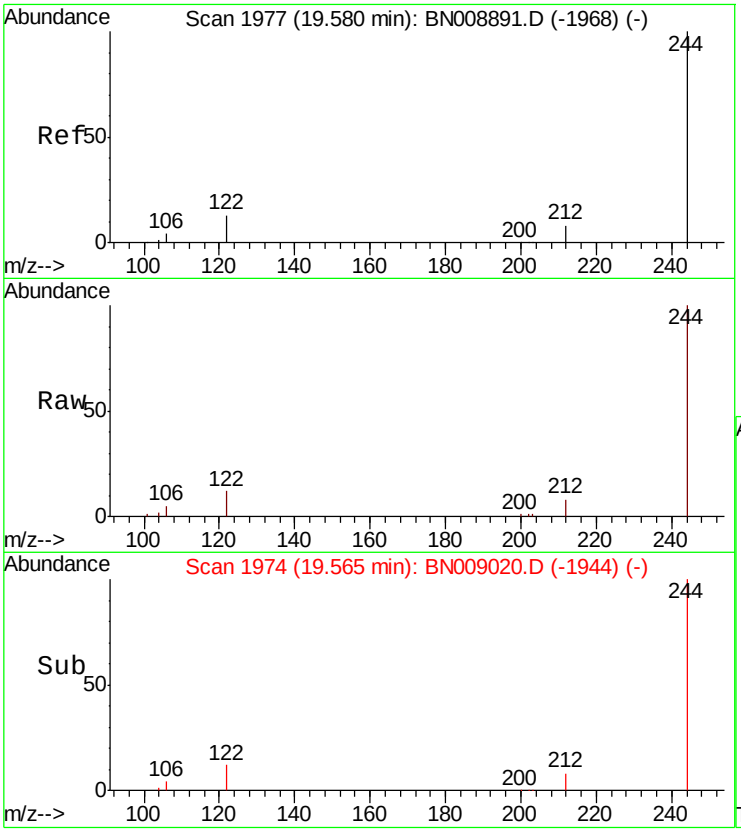


#28
Pyrene
Concen: 0.477 ng
RT: 19.35 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:202 Resp: 29519

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.6	13.9	20.9



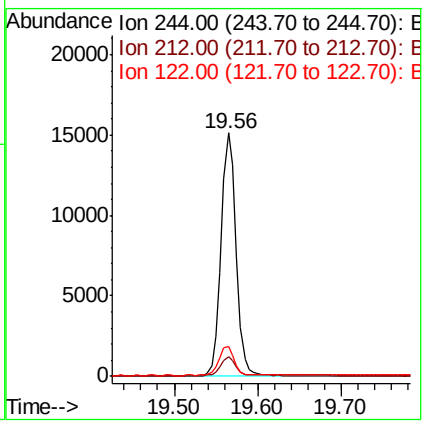


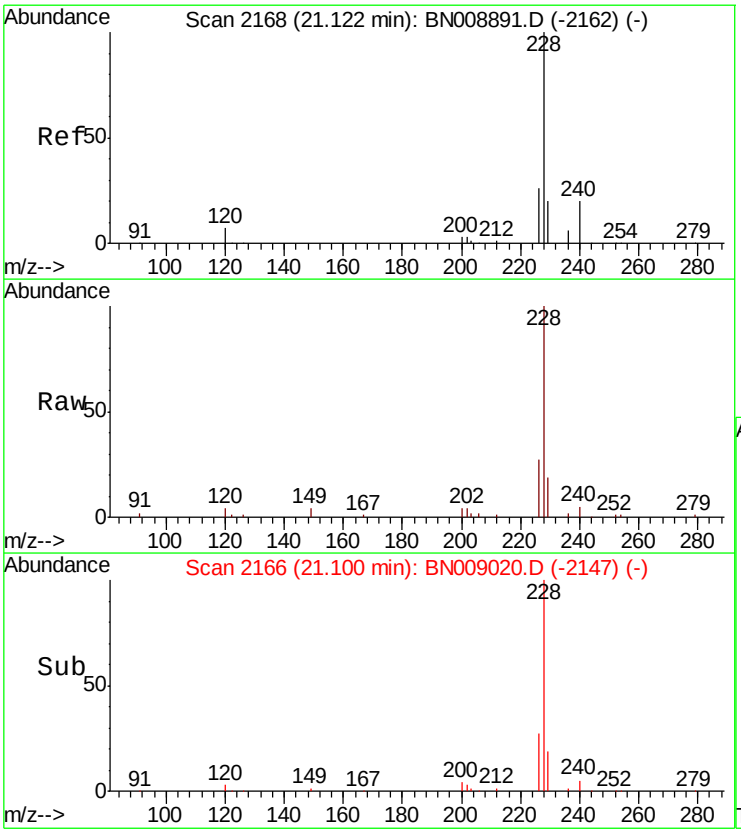
#29
Terphenyl-d14
Concen: 0.465 ng
RT: 19.56 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 18732

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	12.3	10.4	15.6

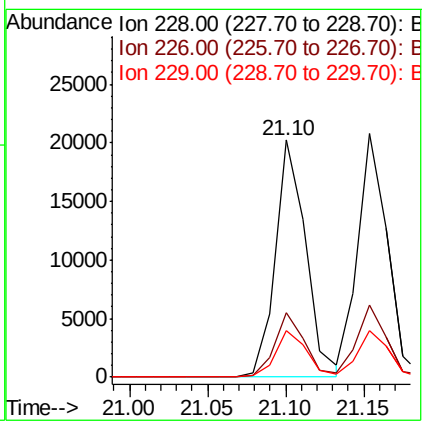


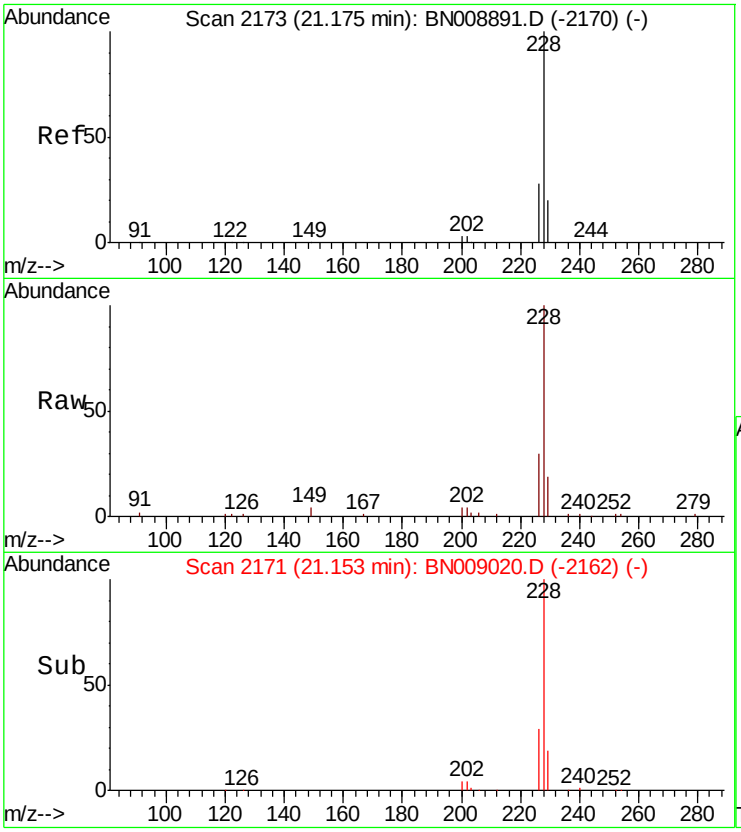


#30
Benzo(a)anthracene
Concen: 0.430 ng
RT: 21.10 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:228 Resp: 26942

Ion	Ratio	Lower	Upper
228	100		
226	27.2	20.6	30.8
229	19.5	15.9	23.9



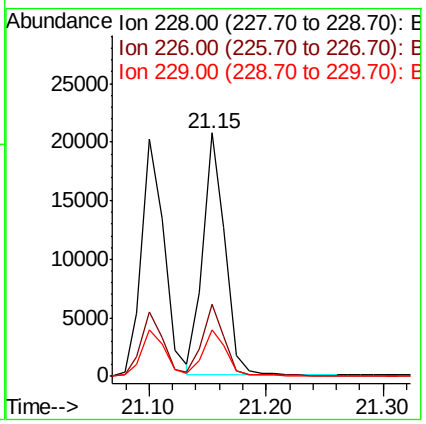


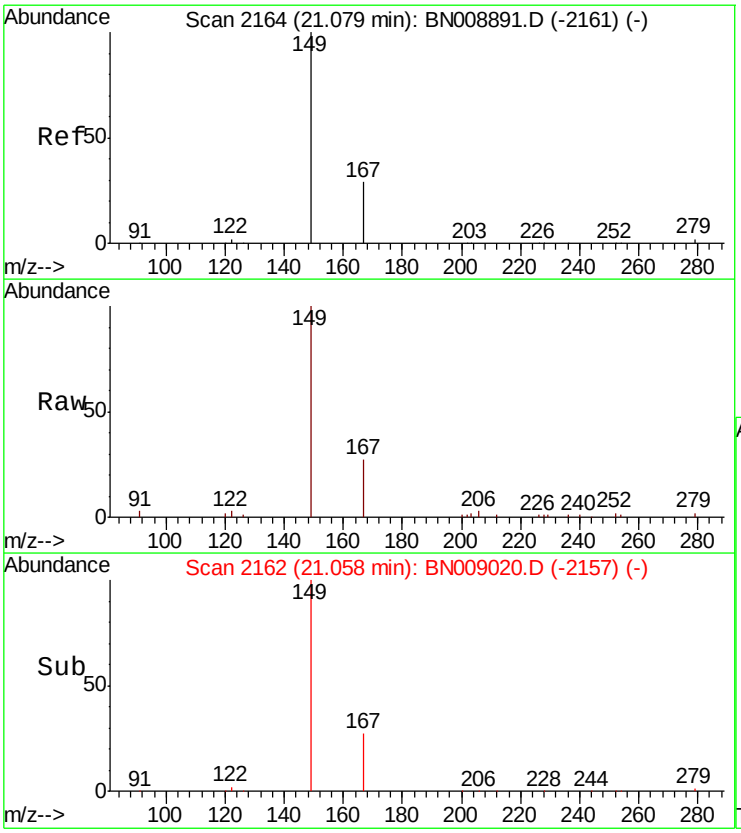
#31
Chrysene
Concen: 0.418 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 27117

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.2	33.4
229	19.4	15.9	23.9

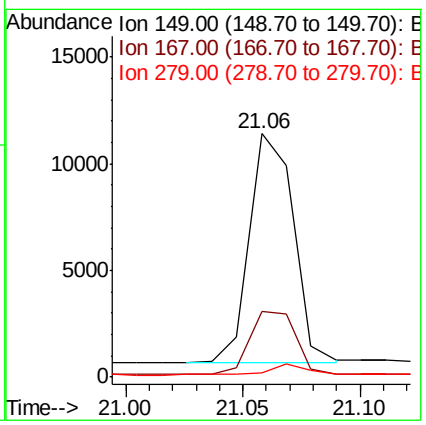


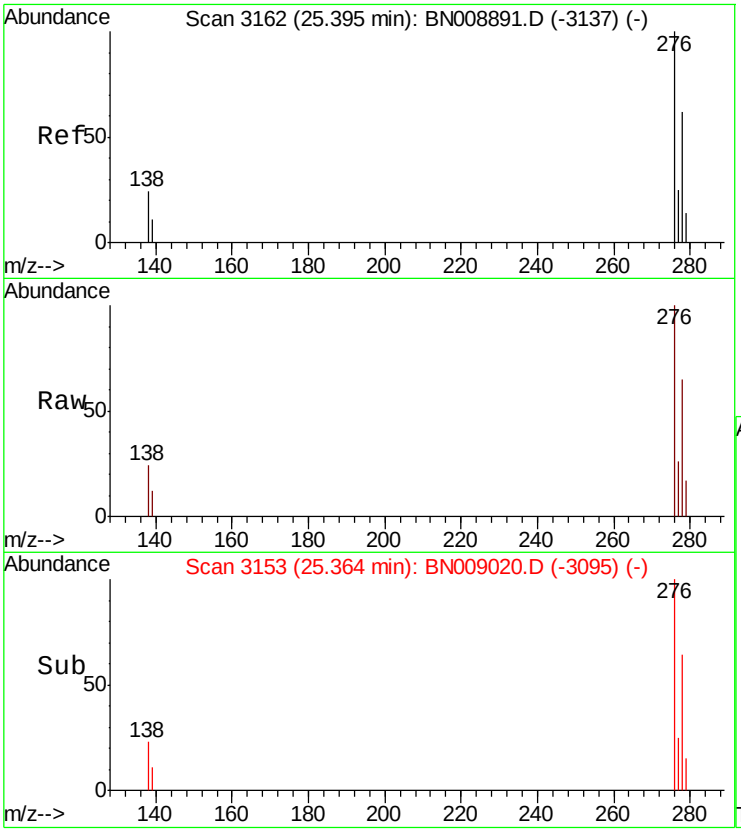


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.481 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:149 Resp: 14092

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.7	34.1
279	3.9	3.3	4.9



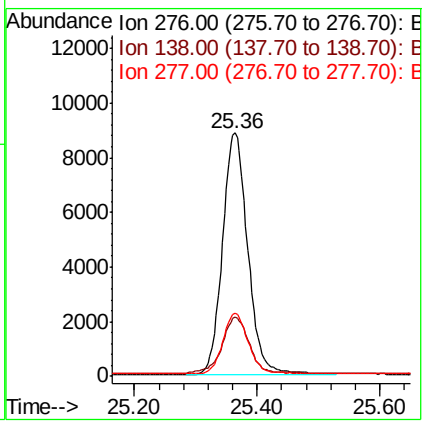


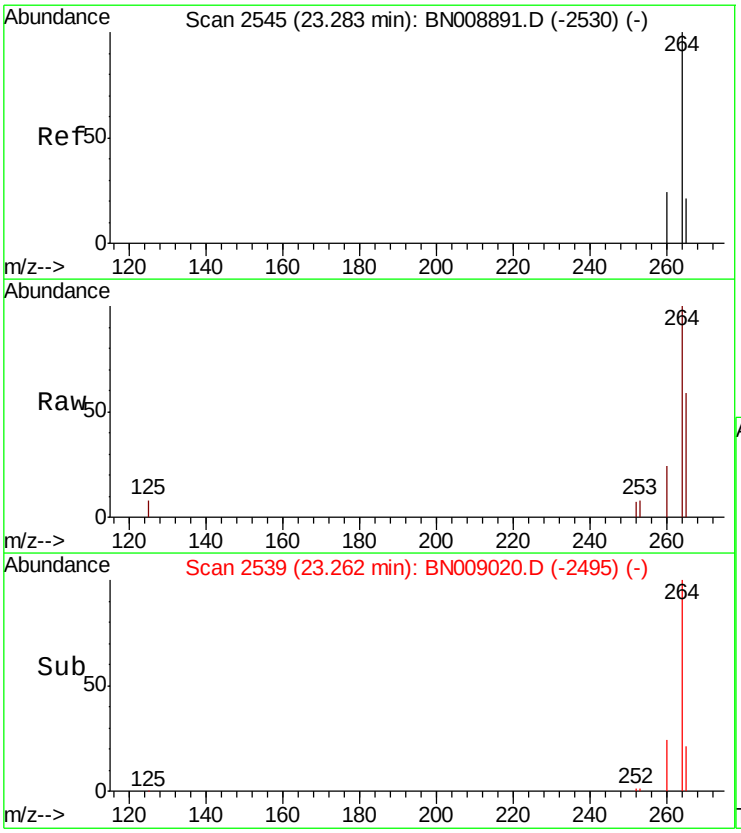
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng
RT: 25.36 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 25356

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.9	29.9
277	24.8	19.8	29.8

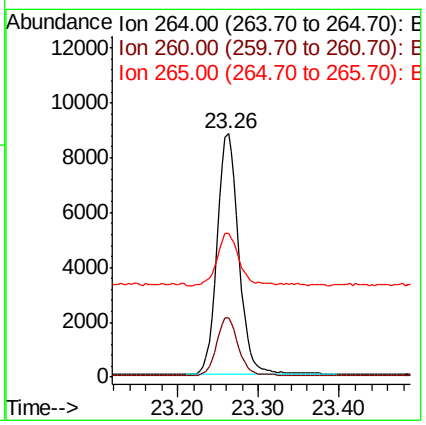


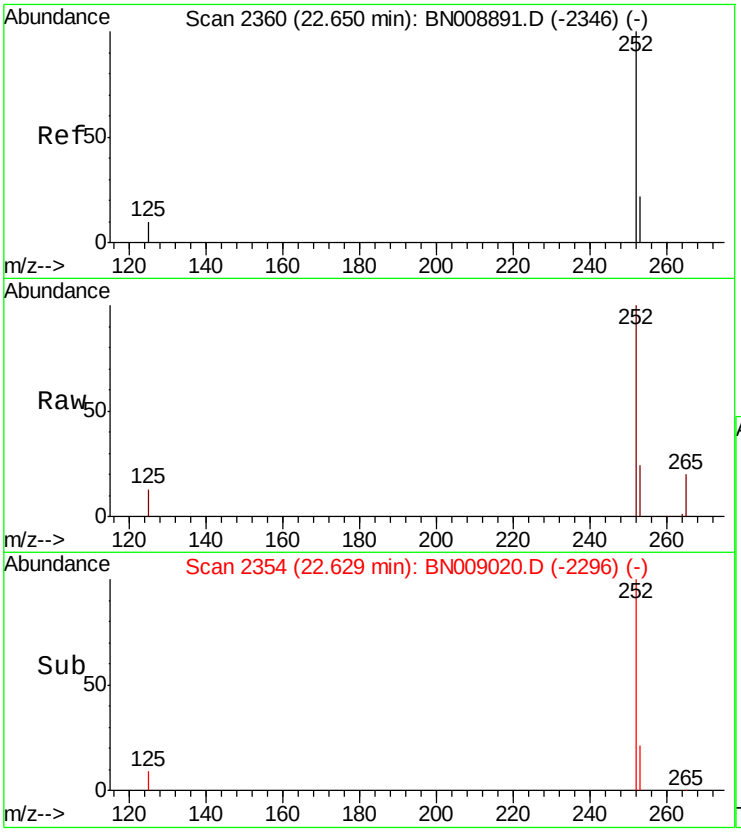


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:264 Resp: 16395

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	59.0	47.5	71.3



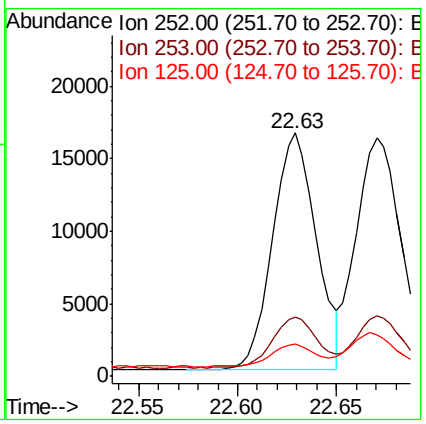


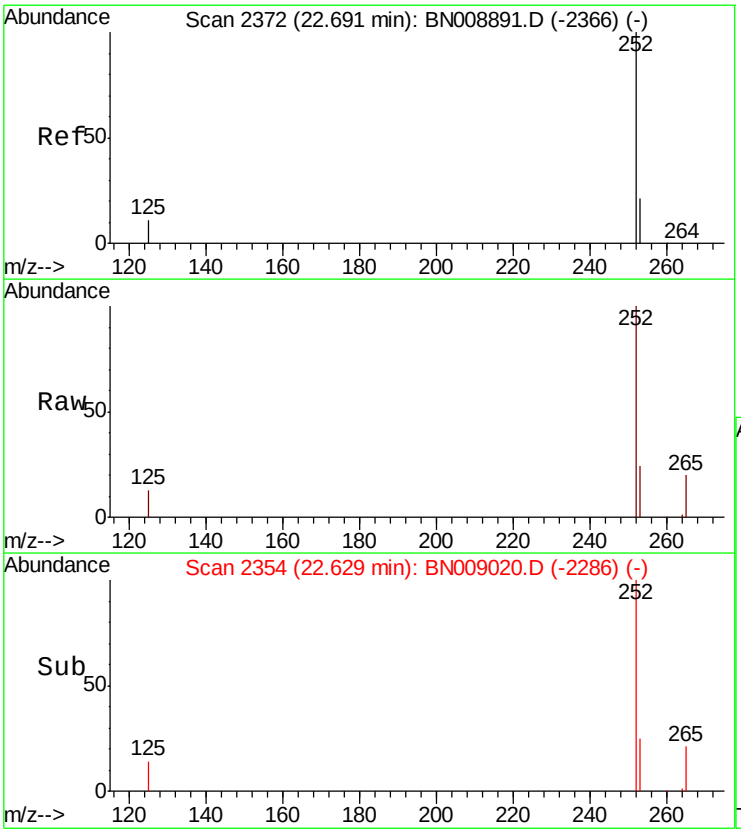
#35
Benzo(b)fluoranthene
Concen: 0.427 ng
RT: 22.63 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 25066

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.8	29.6
125	13.2	10.8	16.2

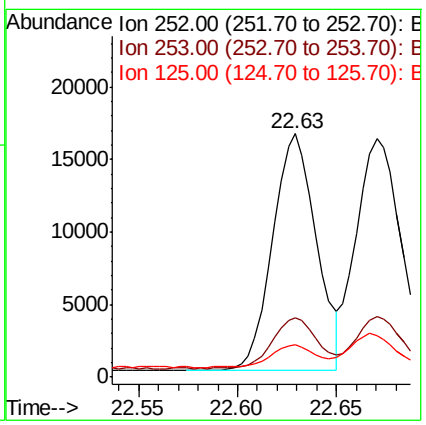


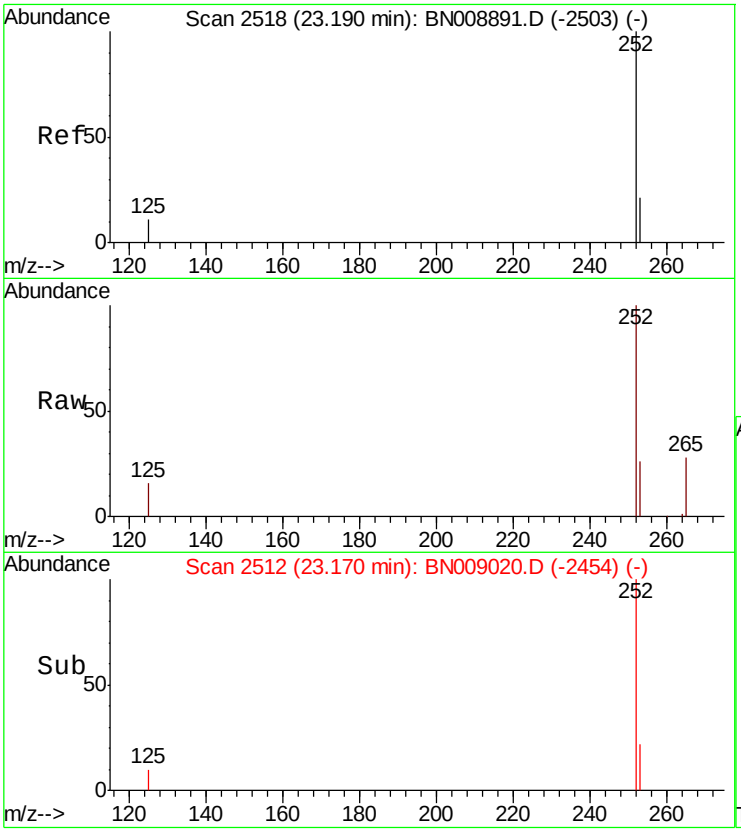


#36
Benzo(k)fluoranthene
Concen: 0.424 ng
RT: 22.63 min Scan# 2354
Delta R.T. -0.04 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:252 Resp: 25066

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.2	28.8
125	13.2	11.6	17.4



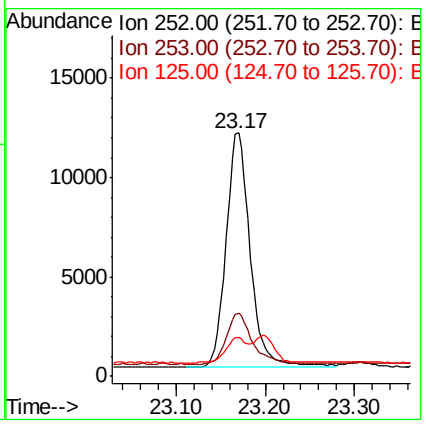


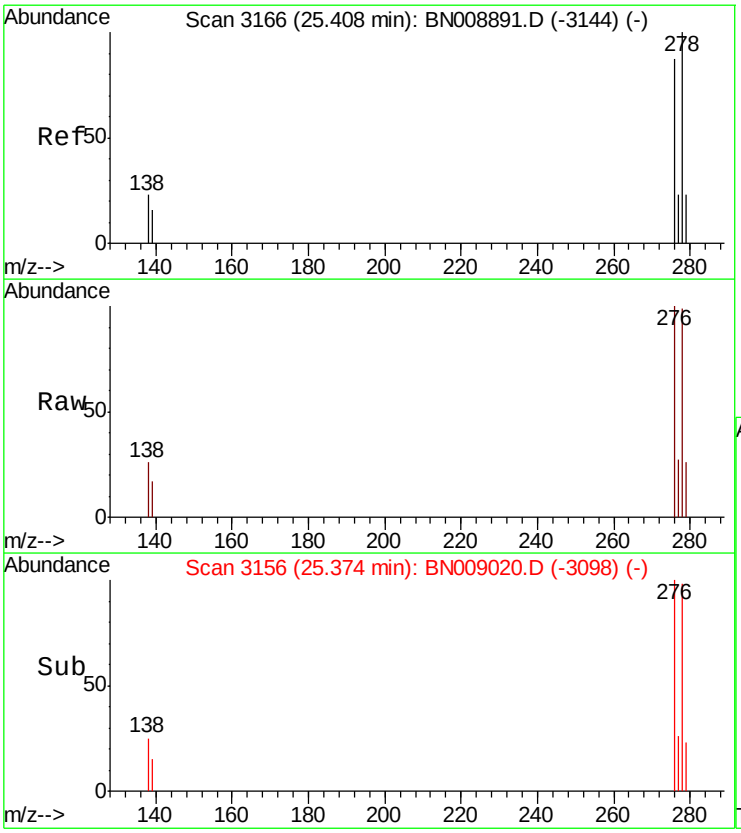
#37
Benzo(a)pyrene
Concen: 0.423 ng
RT: 23.17 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 22299

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.9	29.9
125	15.8	12.3	18.5

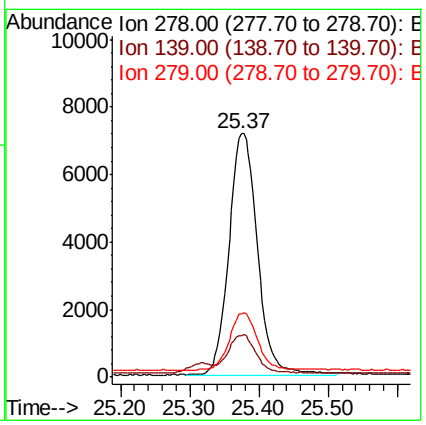


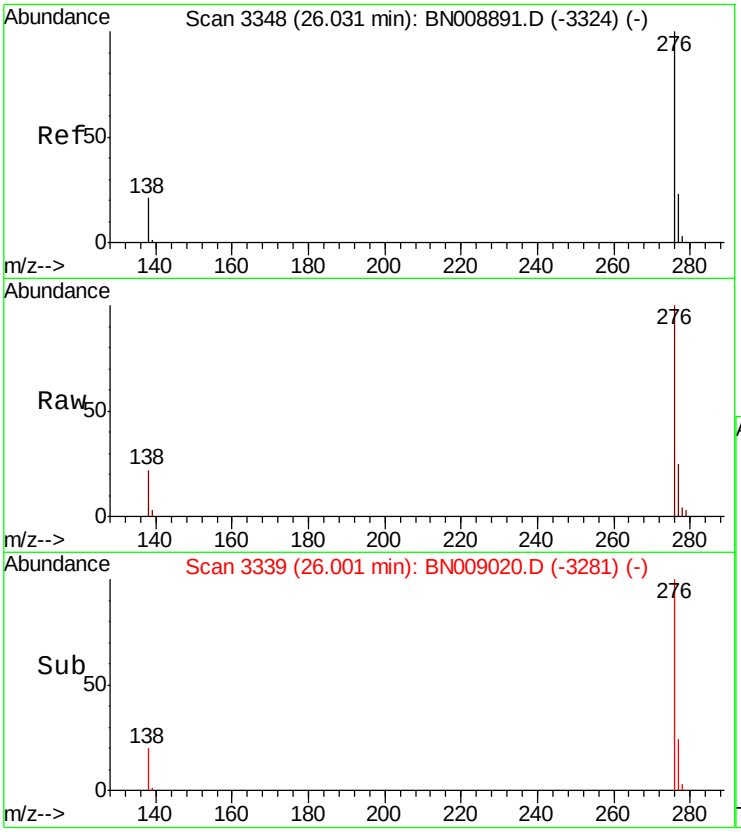


#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 25.37 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:278 Resp: 20419

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.9	20.9
279	26.2	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.423 ng
RT: 26.00 min Scan# 3339
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 20621

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.2
138	22.0	17.8	26.6