Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082519\

Quantitation Report (Not Reviewed)

Data File : BN007390.D
Acq On : 25 Aug 2019 11:50
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 26 05:20:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4494	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	19081	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	10738	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	25973	0.40	ng		0.00
27) Chrysene-d12	21.02	240	28073	0.40	ng		0.00
34) Perylene-d12	23.13	264	31284	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	5308	0.34	ng		0.00
5) Phenol-d6	6.59	99	6474	0.32	ng		0.00
8) Nitrobenzene-d5	8.53	82	5944	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	12254	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2145	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	16738	0.39	ng		0.00
25) Fluoranthene-d10	18.84	212	32765	0.39	ng		0.00
29) Terphenyl-d14	19.47	244	27233	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2754	0.369	ng	#	74
3) n-Nitrosodimethylamine	3.33	42	1038	0.299	ng		90
6) bis(2-Chloroethyl)ether	6.84	93	5917	0.365	ng		97
9) Naphthalene	10.20	128	21124	0.387	ng	#	90
10) Hexachlorobutadiene	10.51	225	4237	0.379	ng	#	100
12) 2-Methylnaphthalene	11.83	142	14256	0.384	ng		96
16) Acenaphthylene	13.76	152	22900	0.360	ng		100
17) Acenaphthene	14.11	154	14200	0.382	ng		99
18) Fluorene	15.10	166	18070	0.384	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	3541	0.346	ng		95
21) Hexachlorobenzene	16.11	284	7038	0.404	ng		96
22) Pentachlorophenol	16.46	266	1991	0.368	ng	#	65
23) Phenanthrene	16.84	178	30051	0.385	ng		100
24) Anthracene	16.93	178	28333	0.361	ng		99
26) Fluoranthene	18.87	202	40046	0.399	ng		100
28) Pyrene	19.24	202	41079	0.364	ng		99
30) Benzo(a)anthracene	21.00	228	40757	0.370	ng		100
31) Chrysene	21.06	228	41718	0.392	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	23326	0.308	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	51342	0.400	ng		98
35) Benzo(b)fluoranthene	22.51	252	43456	0.383	ng	#	95
36) Benzo(k)fluoranthene	22.55	252	44471	0.397	ng		100
37) Benzo(a)pyrene	23.03	252	41023	0.380	ng	#	95
38) Dibenzo(a,h)anthracene	25.21	278	41574	0.386	ng		96
39) Benzo(g,h,i)perylene	25.81	276	41348	0.386	ng		98

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

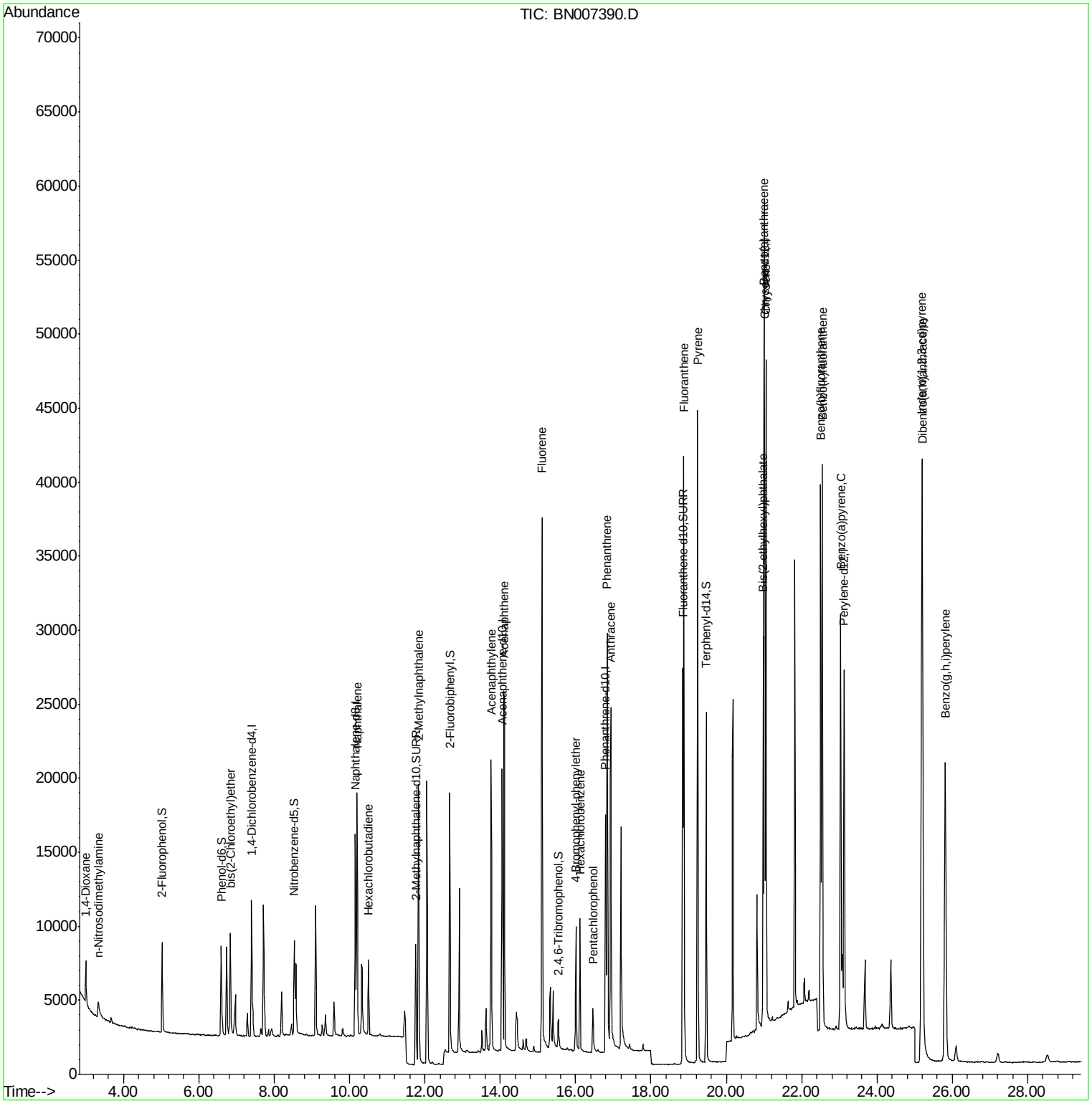
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082519\

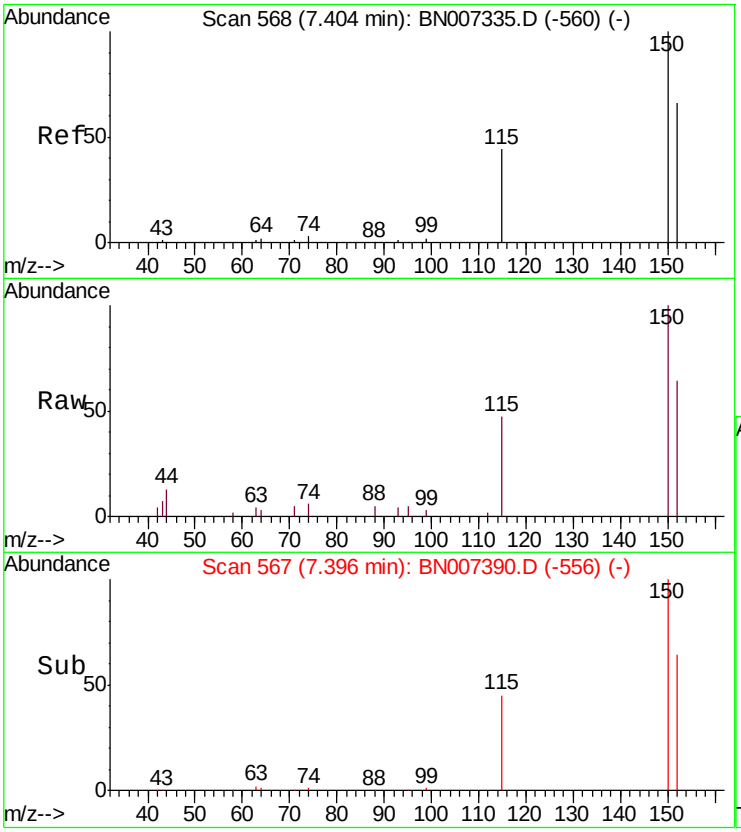
Quantitation Report (Not Reviewed)

Data File : BN007390.D
Acq On : 25 Aug 2019 11:50
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 26 05:20:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



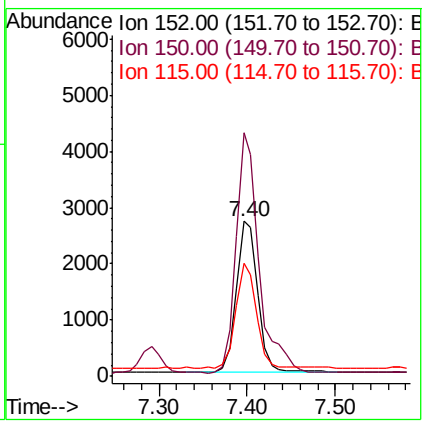


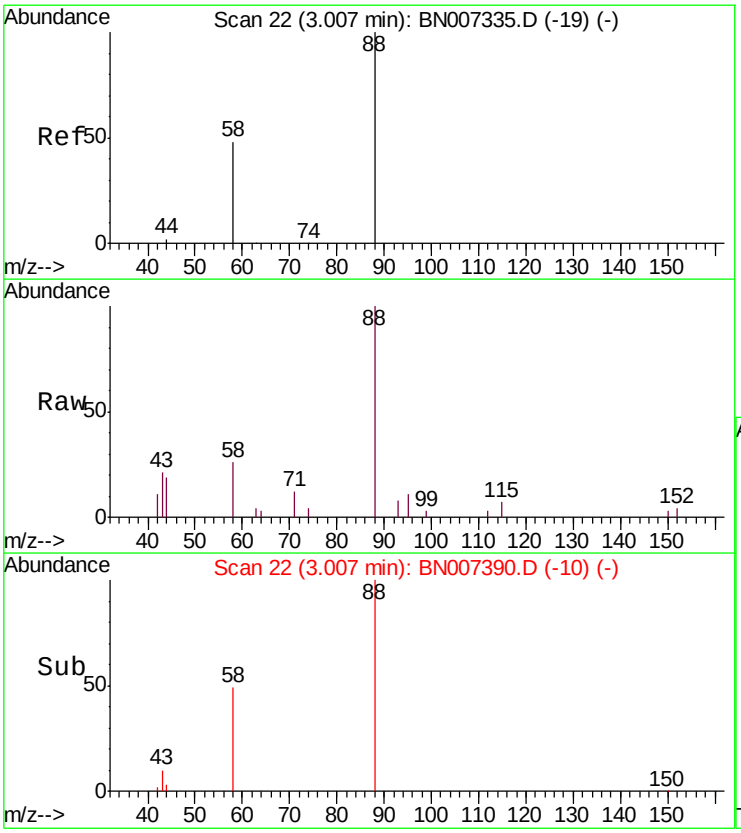
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4494

Ion	Ratio	Lower	Upper
152	100		
150	157.4	109.1	163.7
115	73.2	59.6	89.4

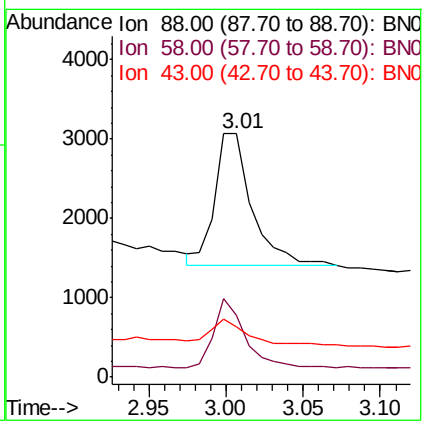


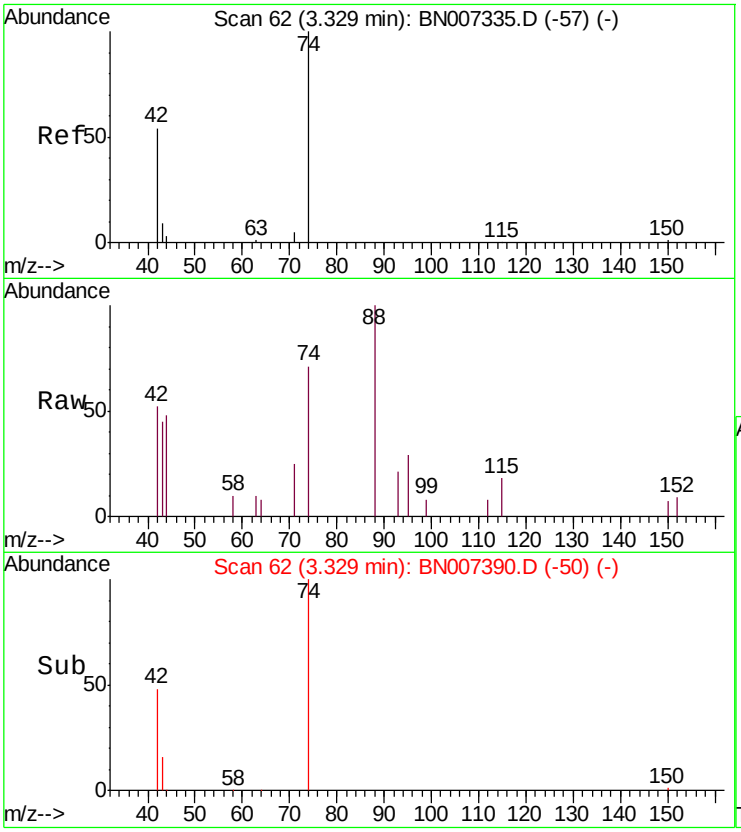


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion: 88 Resp: 2754

Ion	Ratio	Lower	Upper
88	100		
58	42.9	50.5	75.7#
43	18.5	0.0	0.0#



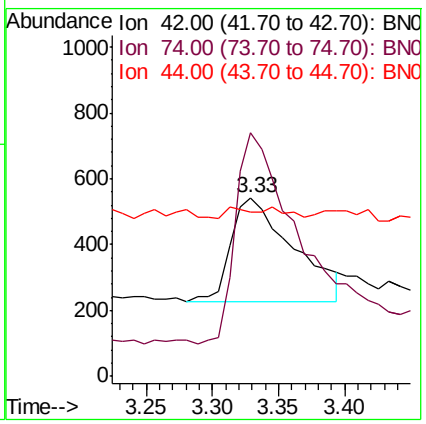


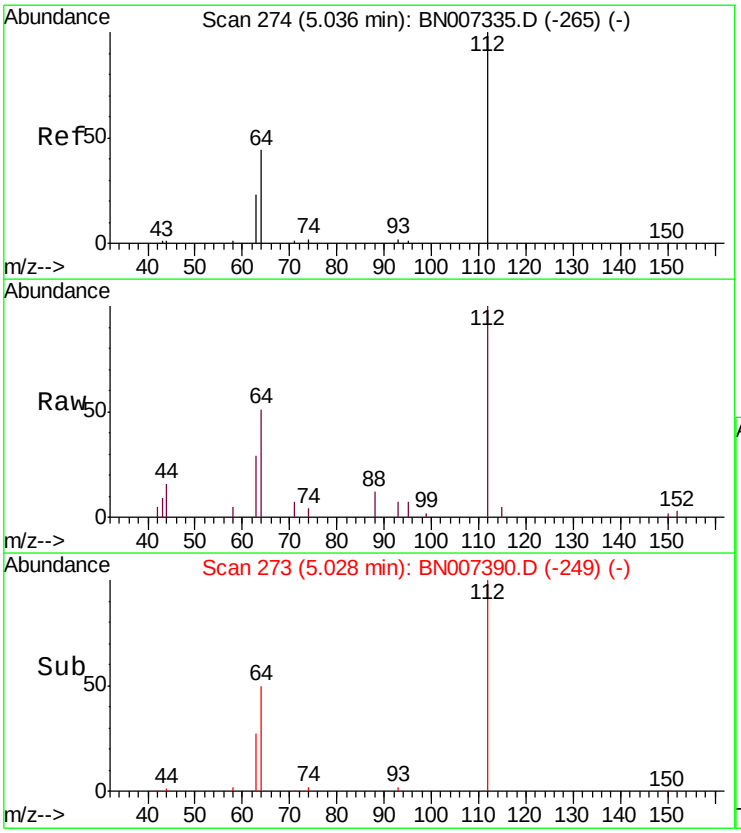
#3
n-Nitrosodimethylamine
Concen: 0.299 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1038

Ion	Ratio	Lower	Upper
42	100		
74	195.7	144.7	217.1
44	3.7	3.2	4.8

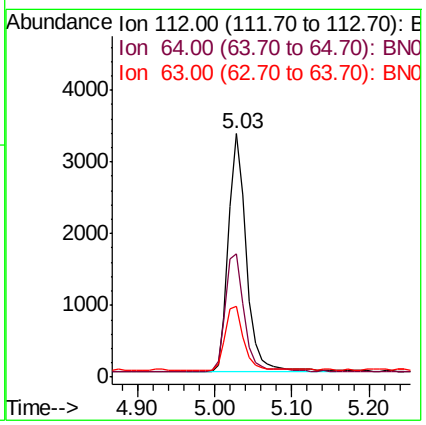


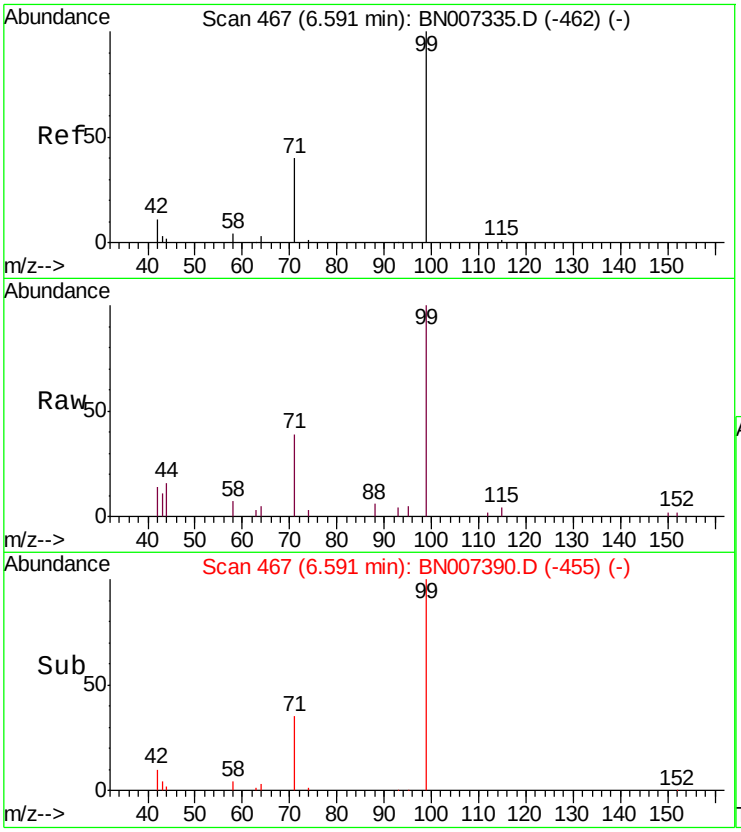


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:112 Resp: 5308

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.3	63.5
63	28.1	23.6	35.4



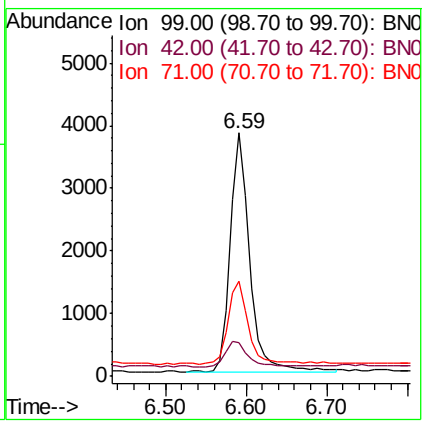


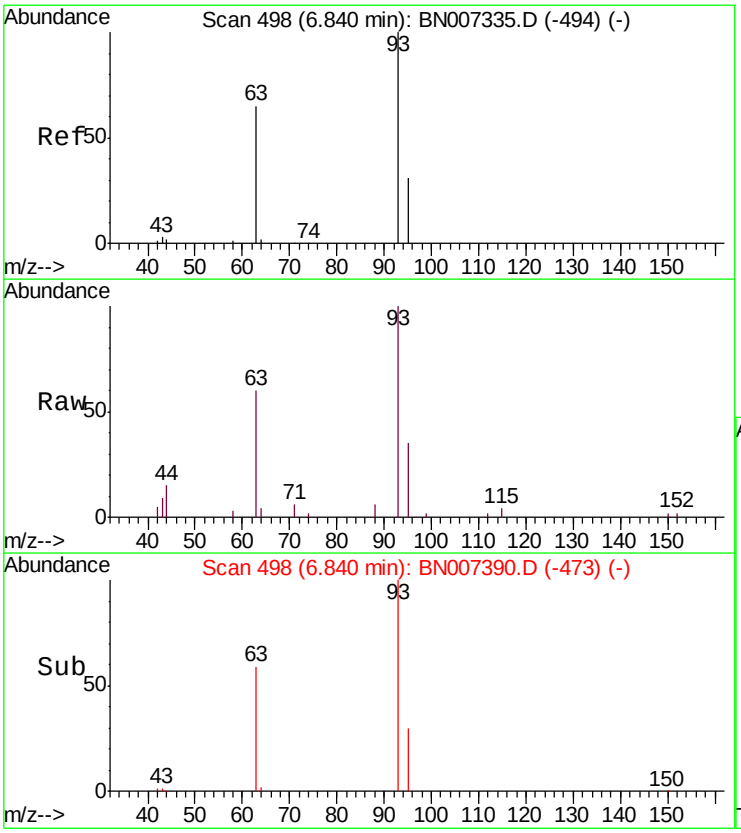
#5
Phenol-d6
Concen: 0.320 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6474

Ion	Ratio	Lower	Upper
99	100		
42	12.5	11.2	16.8
71	35.7	31.8	47.8

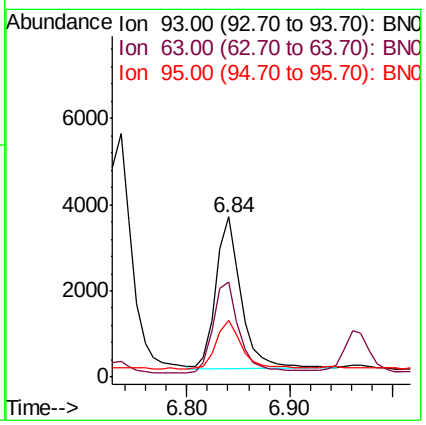


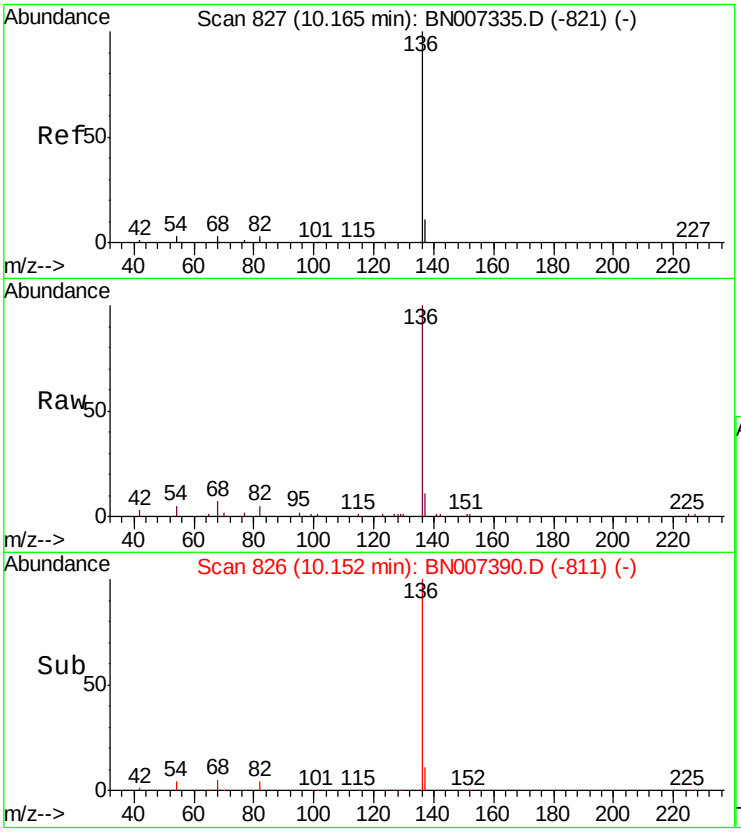


#6
bis(2-Chloroethyl)ether
Concen: 0.365 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion: 93 Resp: 5917

Ion	Ratio	Lower	Upper
93	100		
63	62.9	51.9	77.9
95	32.8	27.7	41.5



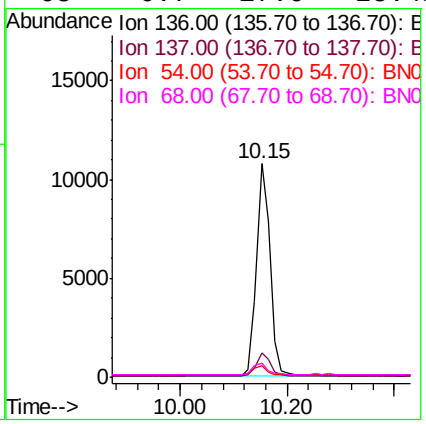


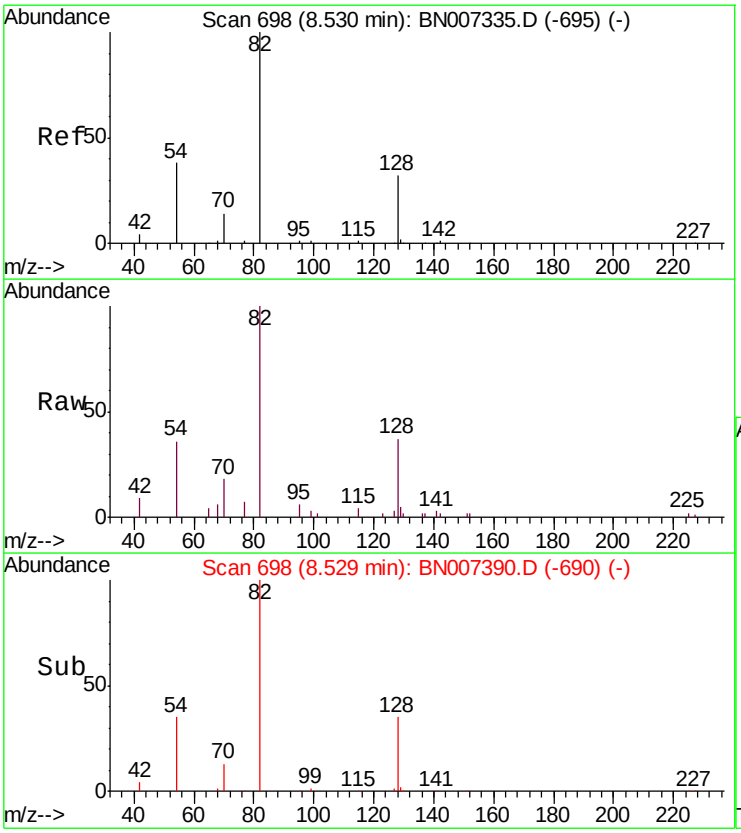
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 19081

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	5.3	8.6	12.8#
68	6.7	17.0	25.4#

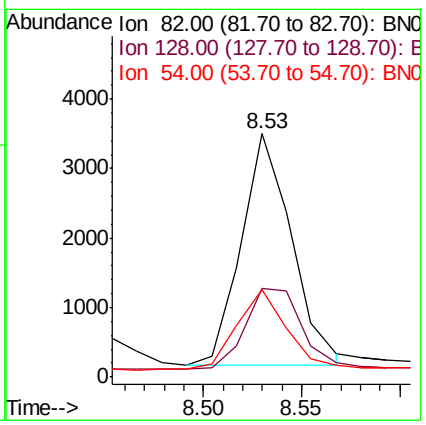


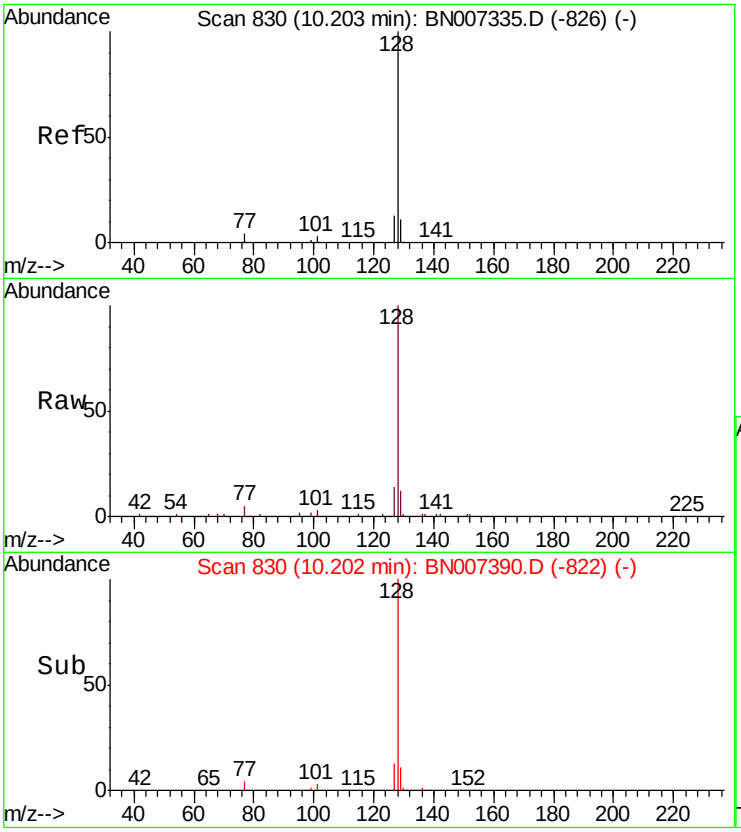


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion: 82 Resp: 5944

Ion	Ratio	Lower	Upper
82	100		
128	36.6	19.7	29.5#
54	36.1	25.8	38.6



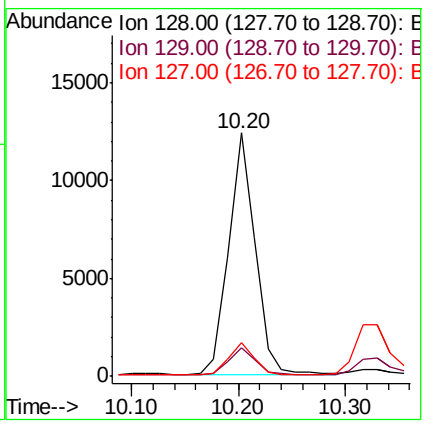


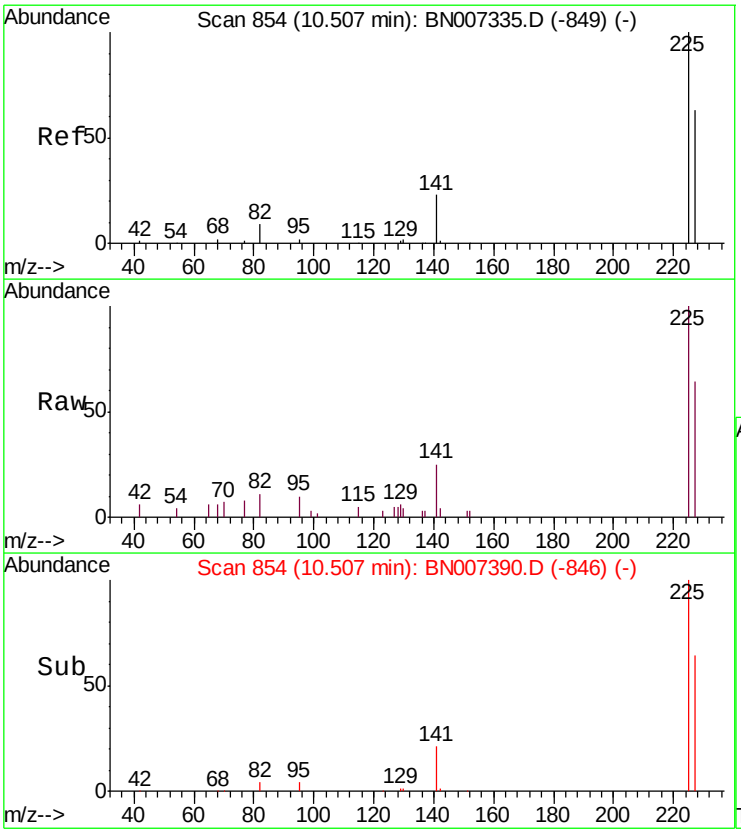
#9
Naphthalene
Concen: 0.387 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 21124

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.1	16.7
127	13.6	15.5	23.3#

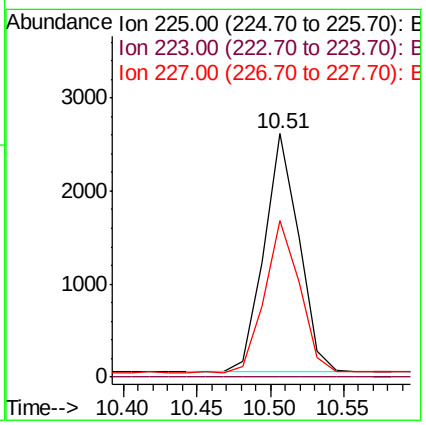


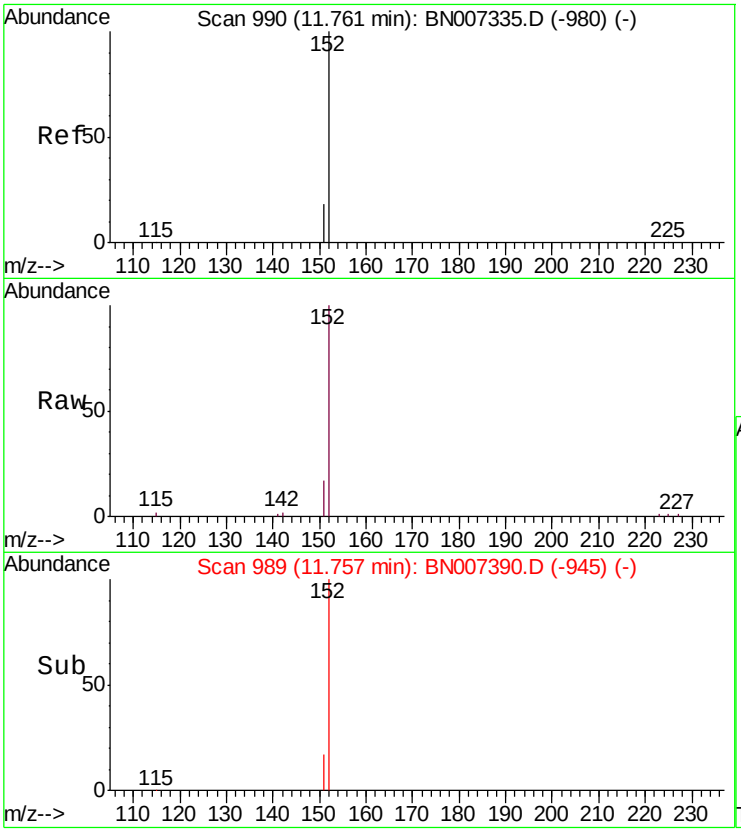


#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:225 Resp: 4237

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.7	76.1



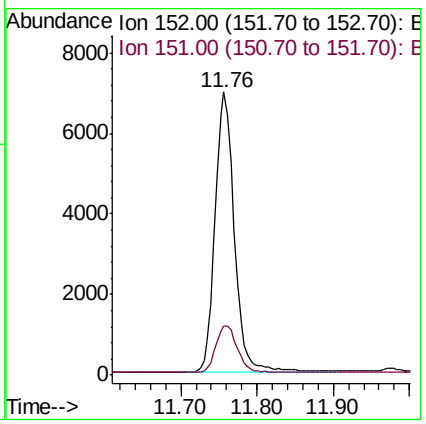


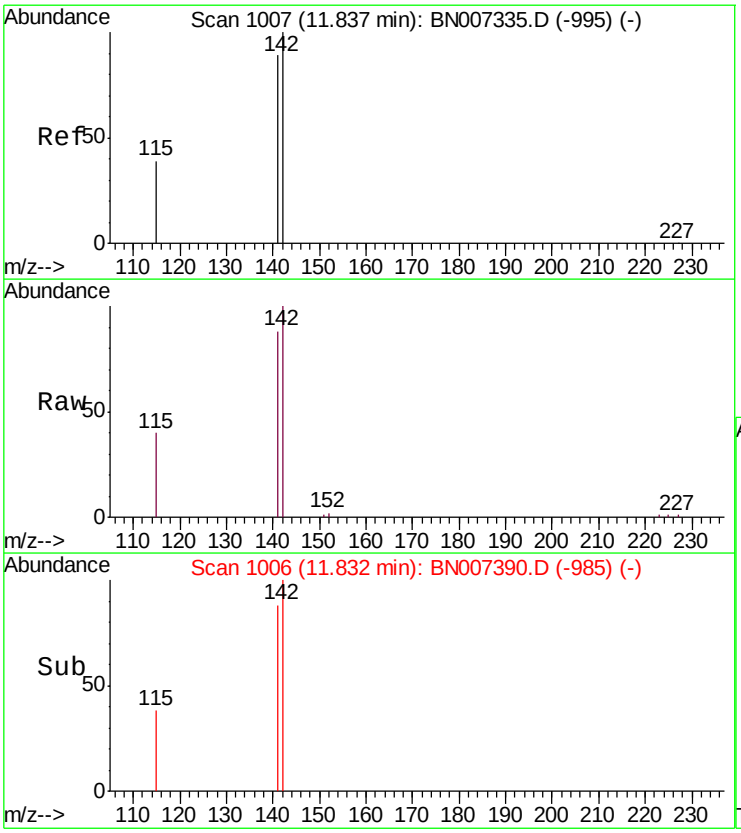
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 12254

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.2

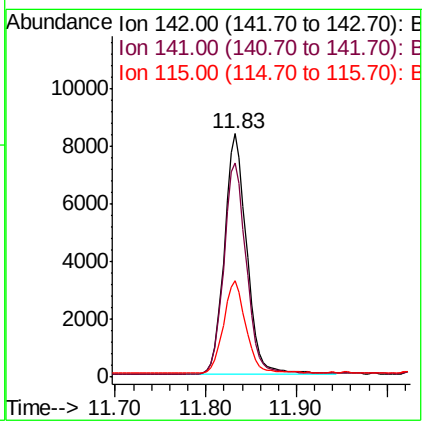


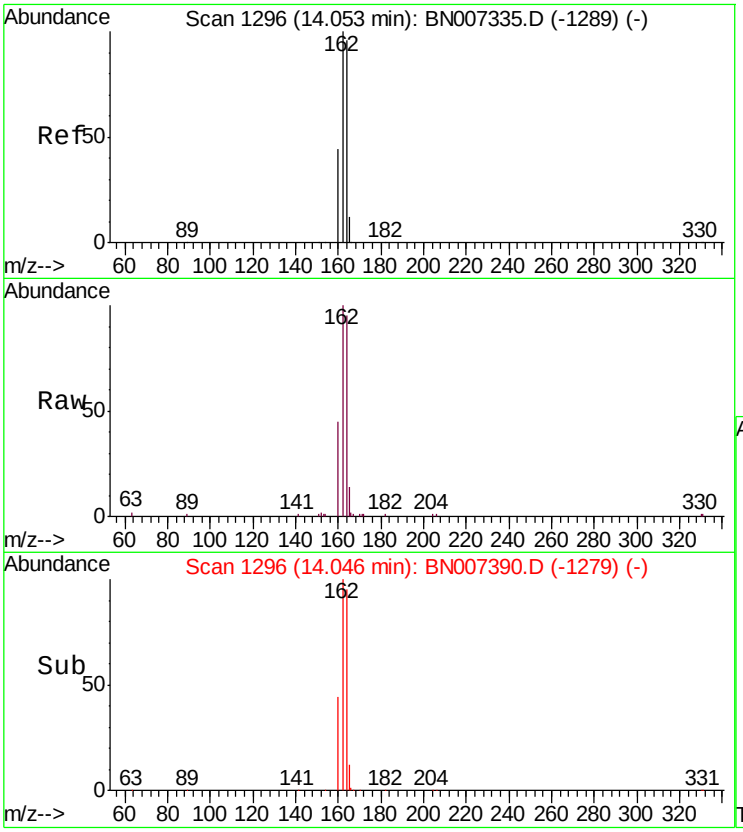


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:142 Resp: 14256

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.8	109.2
115	39.5	35.2	52.8



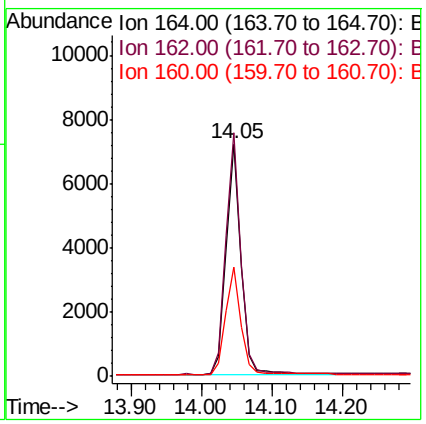


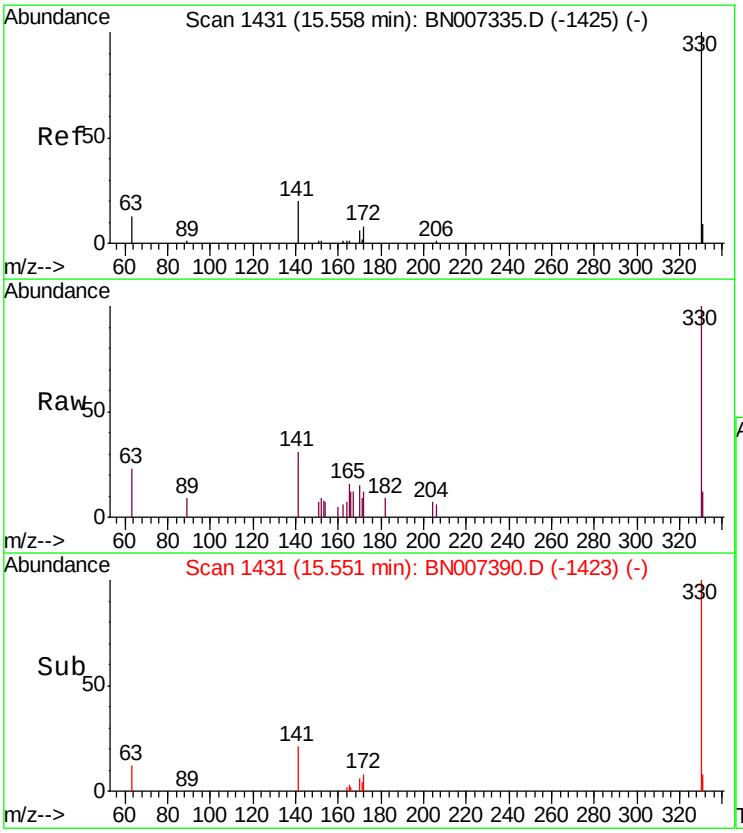
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 10738

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.5	125.3
160	47.1	38.2	57.4

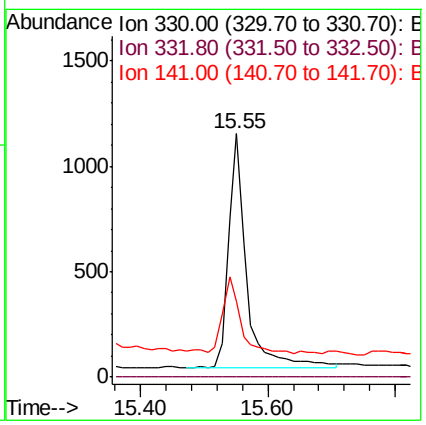


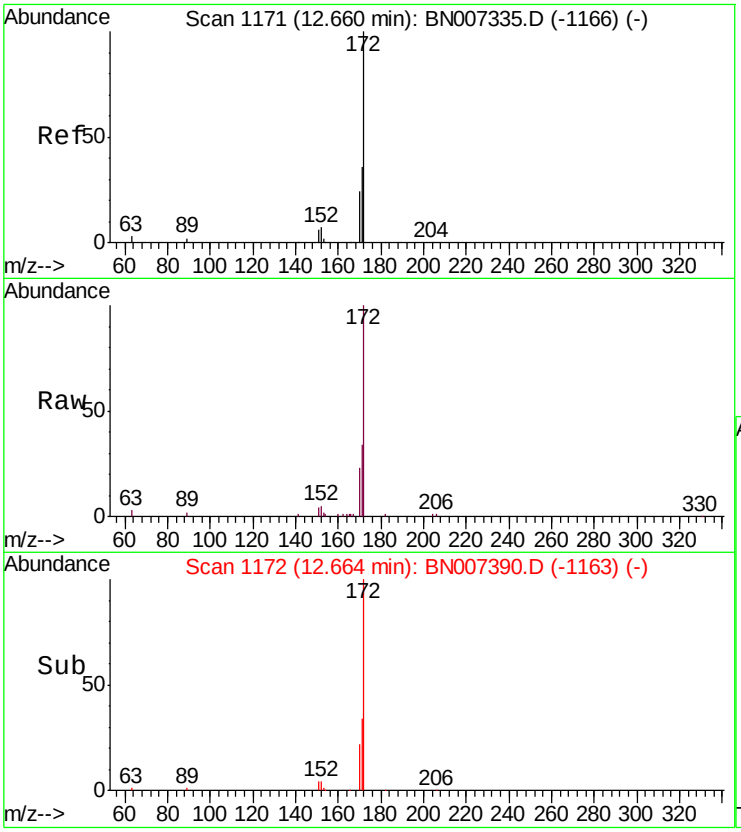


#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:330 Resp: 2145

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.4	26.9	40.3



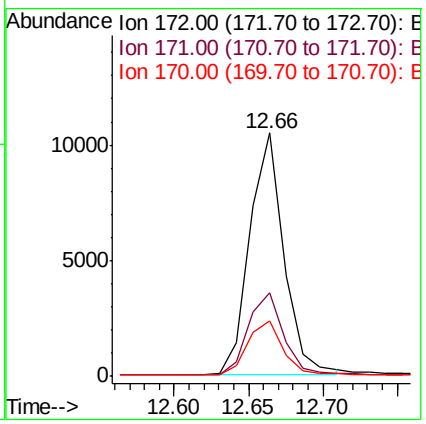


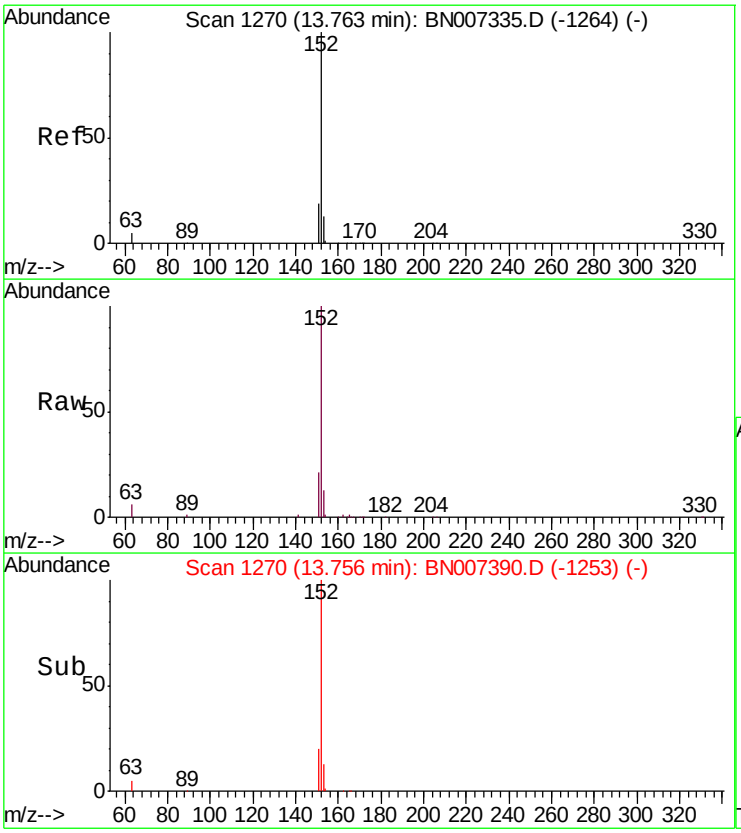
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 16738

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.3	45.5
170	22.6	20.7	31.1

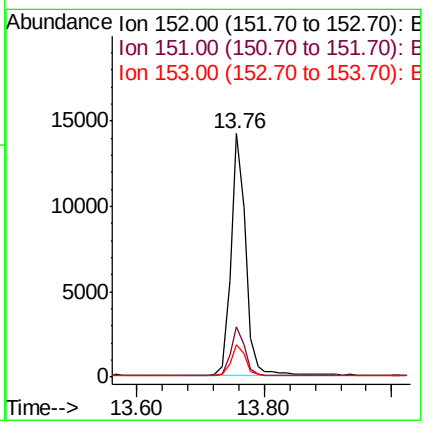


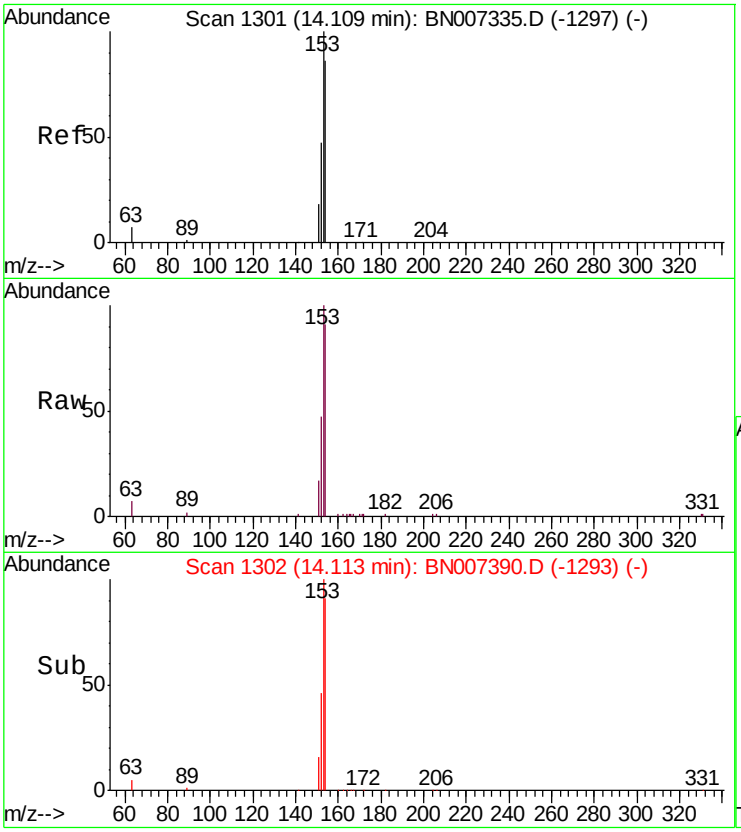


#16
Acenaphthylene
Concen: 0.360 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:152 Resp: 22900

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.1	10.6	15.8



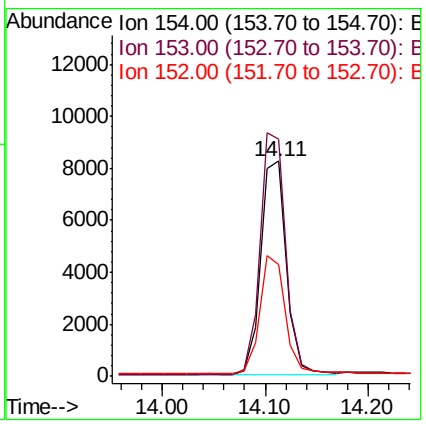


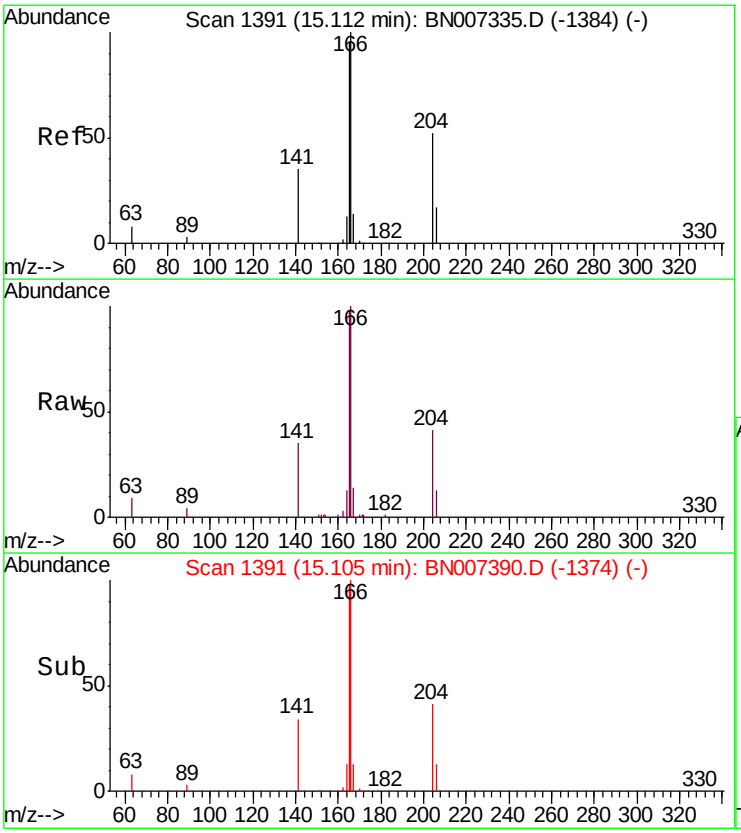
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 14200

Ion	Ratio	Lower	Upper
154	100		
153	114.8	92.8	139.2
152	54.3	43.8	65.8

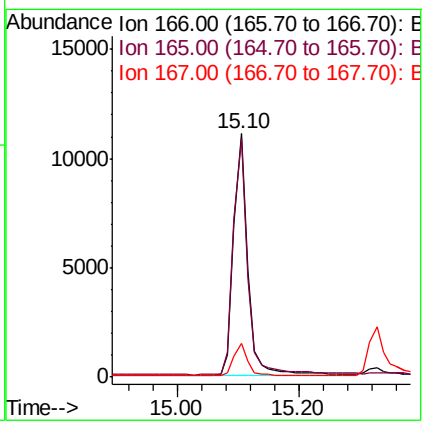


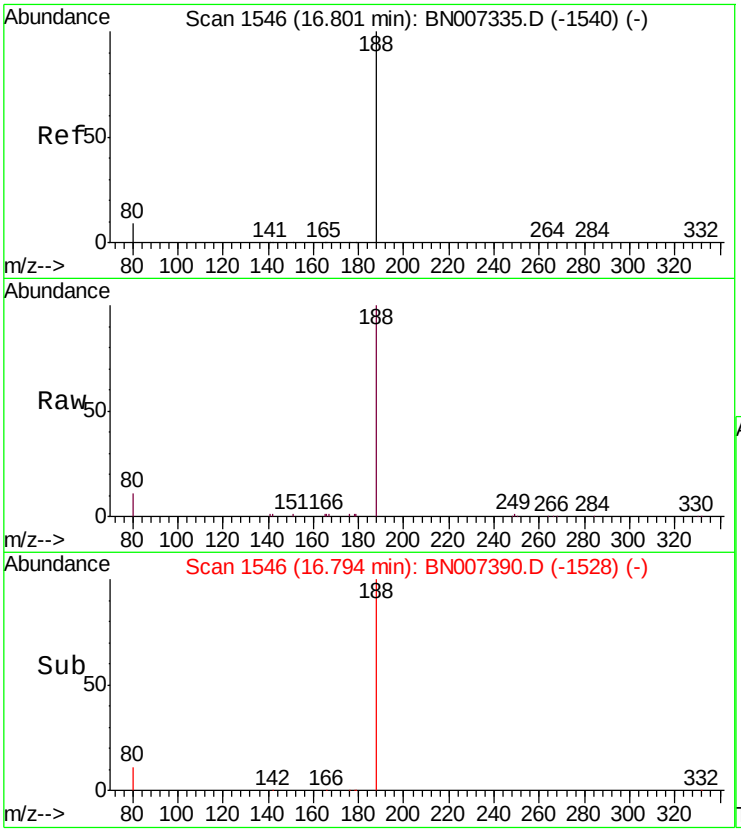


#18
Fluorene
Concen: 0.384 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:166 Resp: 18070

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	13.3	10.6	15.8



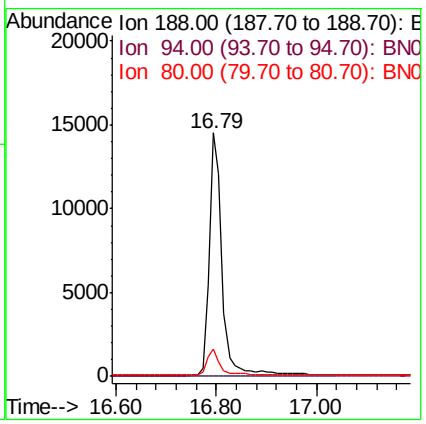


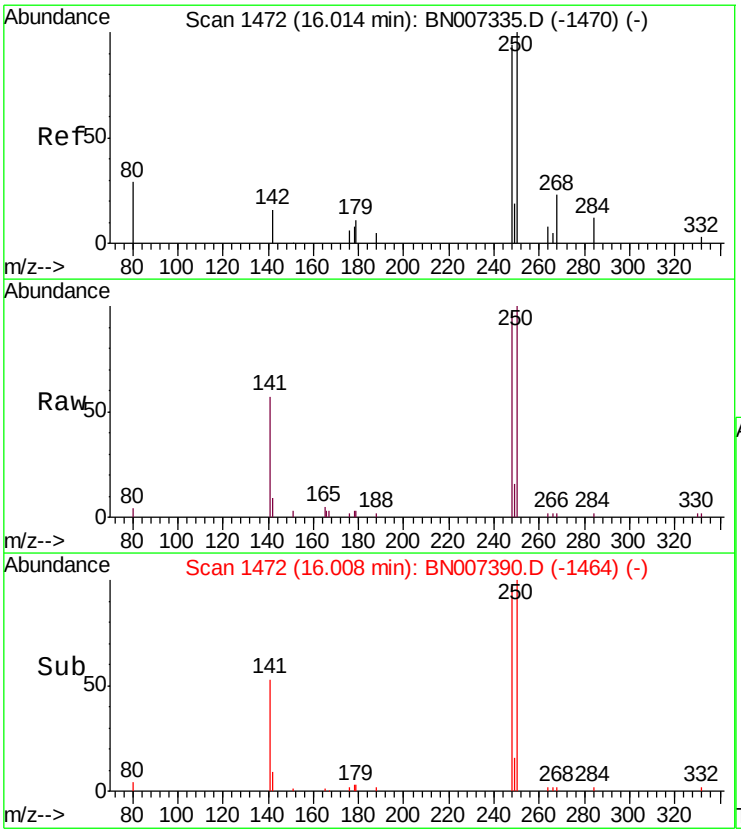
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 25973

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	11.8	17.8#

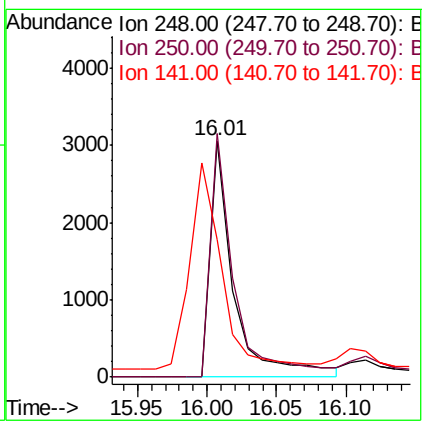


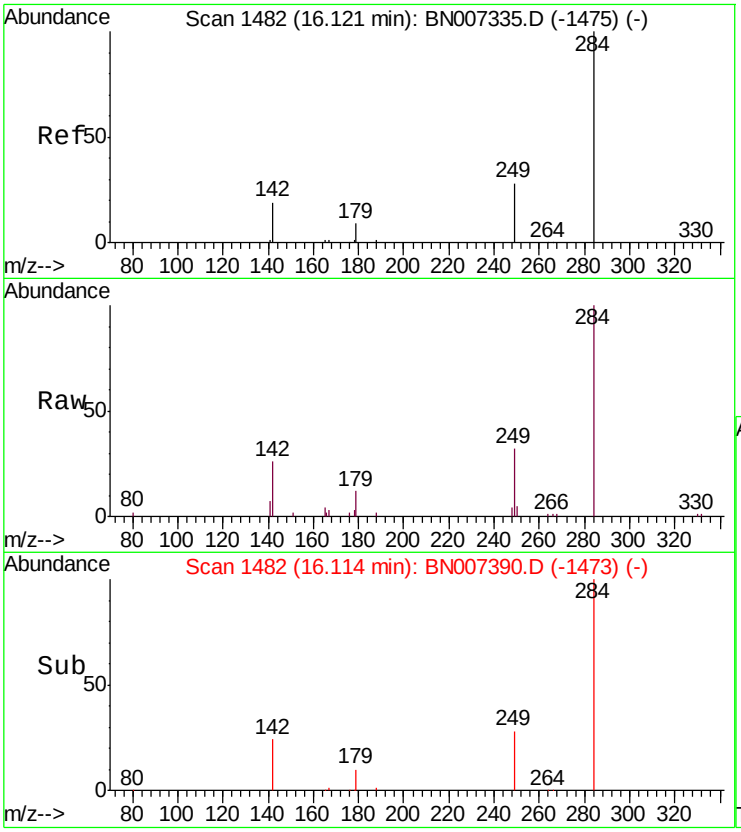


#20
4-Bromophenyl-phenylether
Concen: 0.346 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:248 Resp: 3541

Ion	Ratio	Lower	Upper
248	100		
250	103.1	85.0	127.6
141	58.2	51.7	77.5



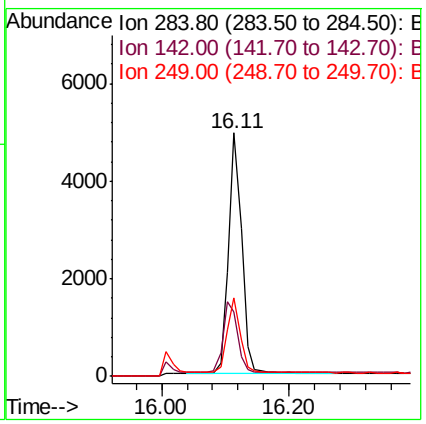


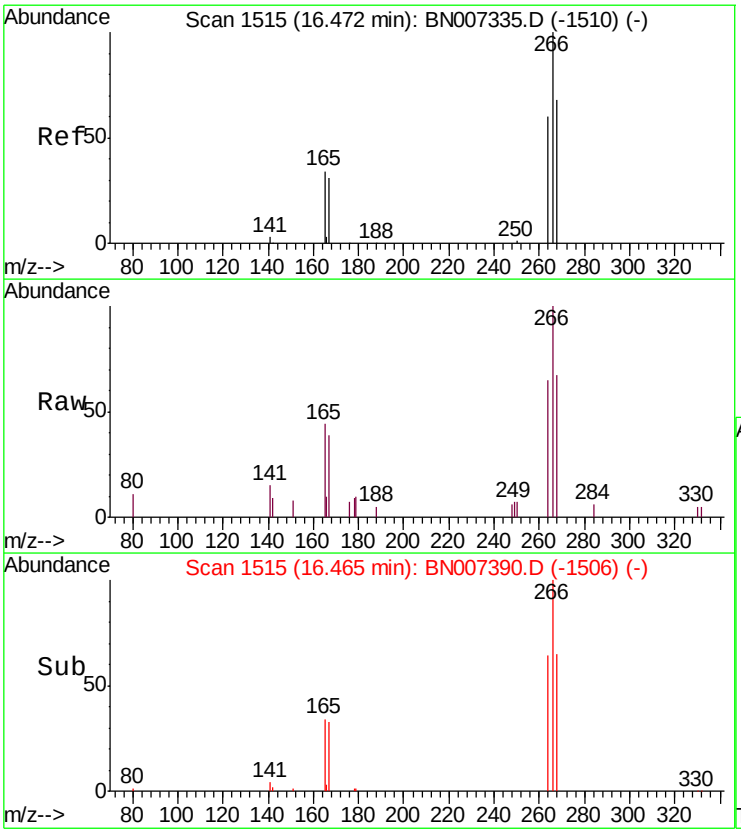
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 7038

Ion	Ratio	Lower	Upper
284	100		
142	31.9	29.0	43.6
249	31.0	24.9	37.3

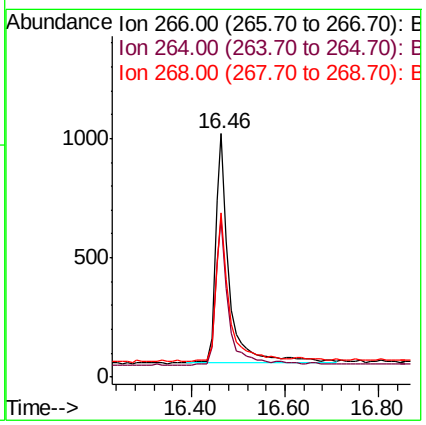


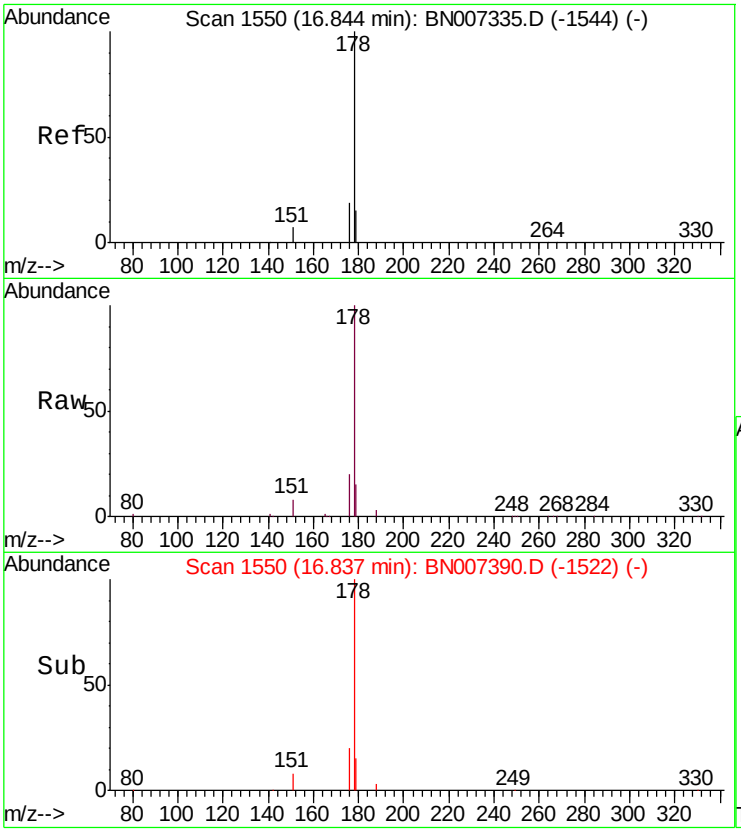


#22
Pentachlorophenol
Concen: 0.368 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:266 Resp: 1991

Ion	Ratio	Lower	Upper
266	100		
264	65.0	57.8	86.8
268	67.5	99.7	149.5#



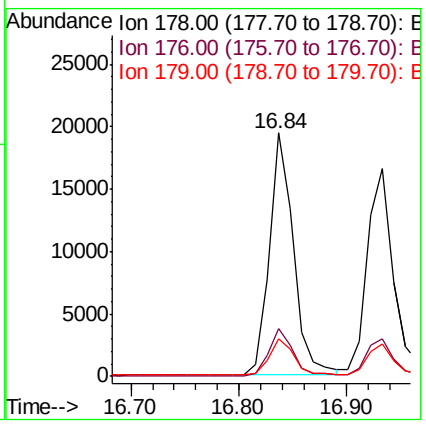


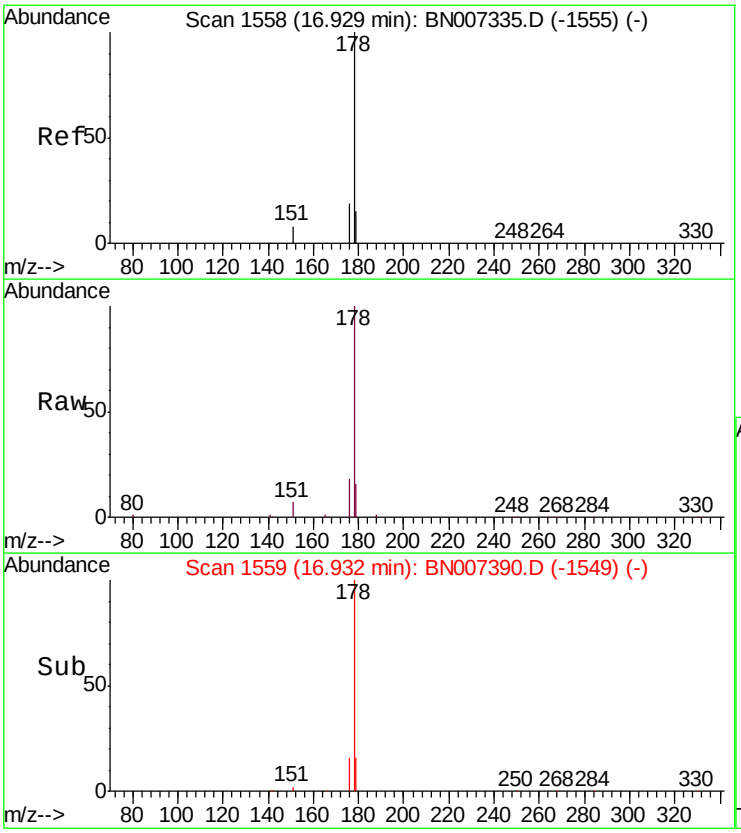
#23
Phenanthrene
Concen: 0.385 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 30051

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.6	19.0

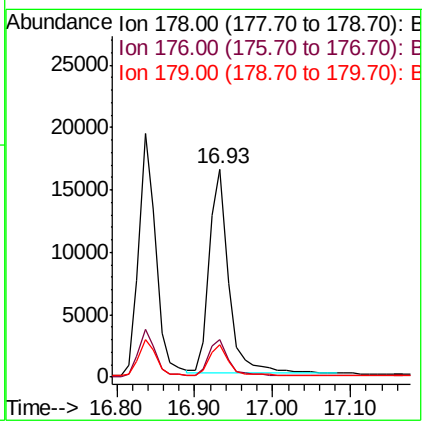


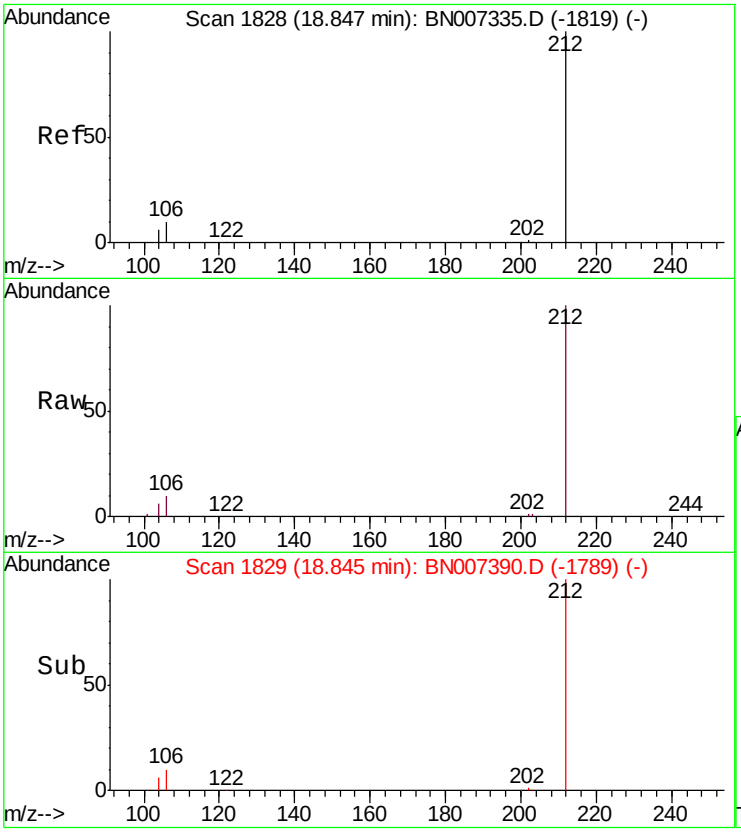


#24
Anthracene
Concen: 0.361 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:178 Resp: 28333

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	15.4	12.4	18.6



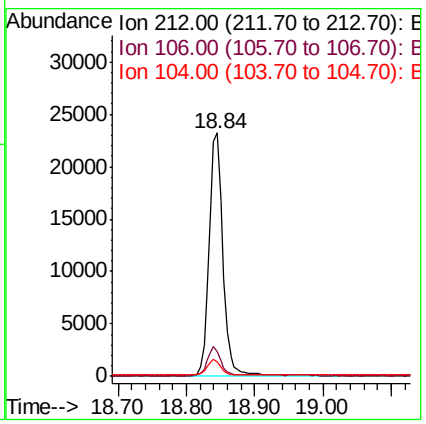


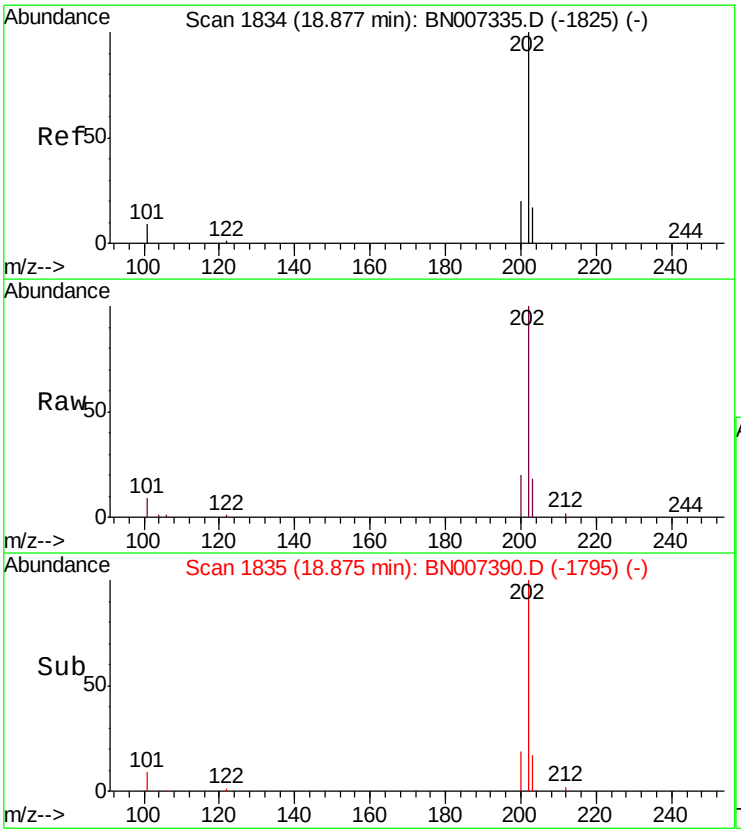
#25
Fluoranthene-d10
Concen: 0.392 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 32765

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.0	13.4
104	6.5	5.4	8.2

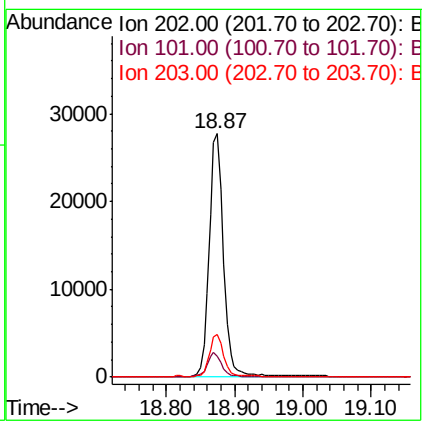


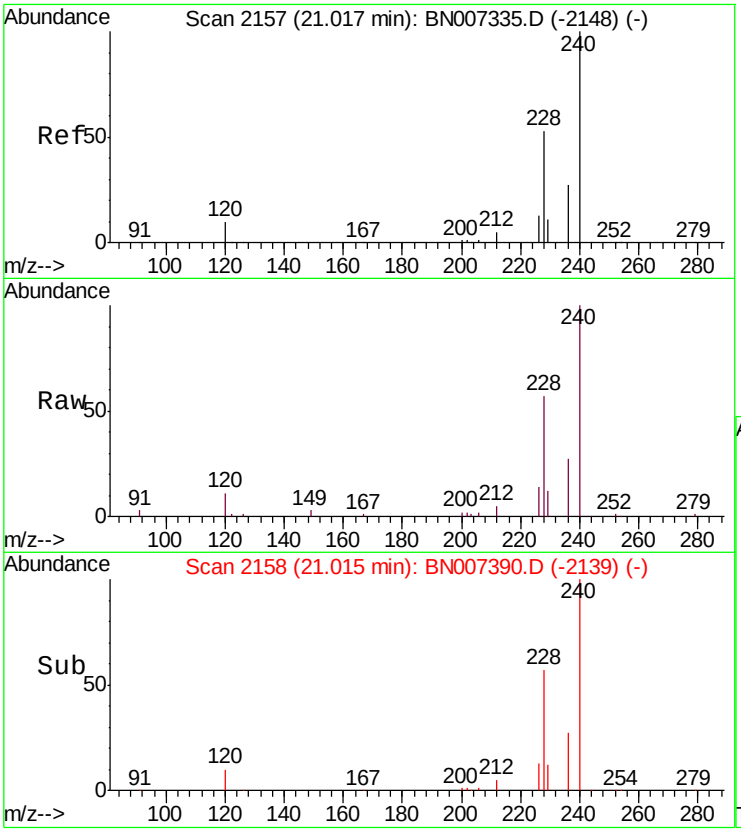


#26
Fluoranthene
Concen: 0.399 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:202 Resp: 40046

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.7	11.5
203	17.0	13.7	20.5



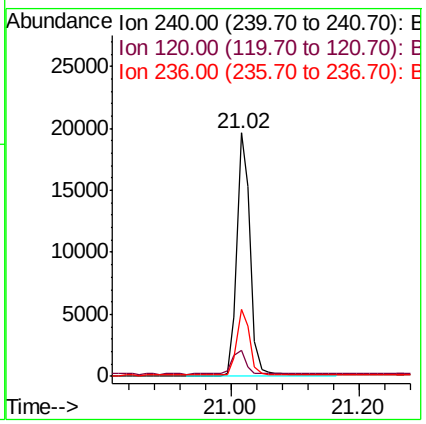


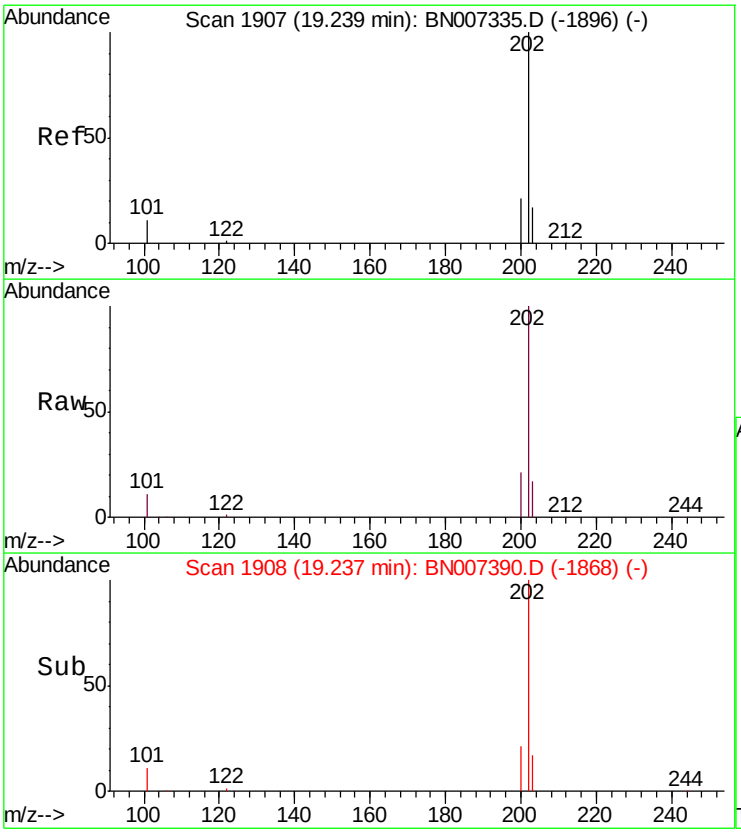
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 28073

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.6	14.4
236	27.5	22.2	33.2

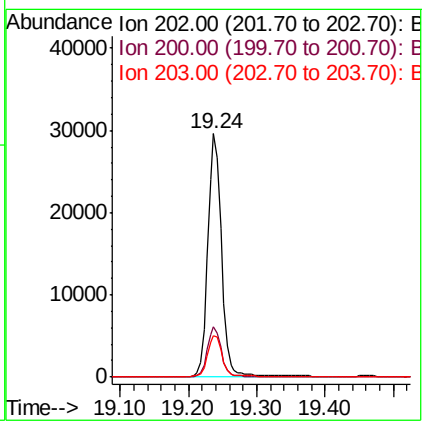


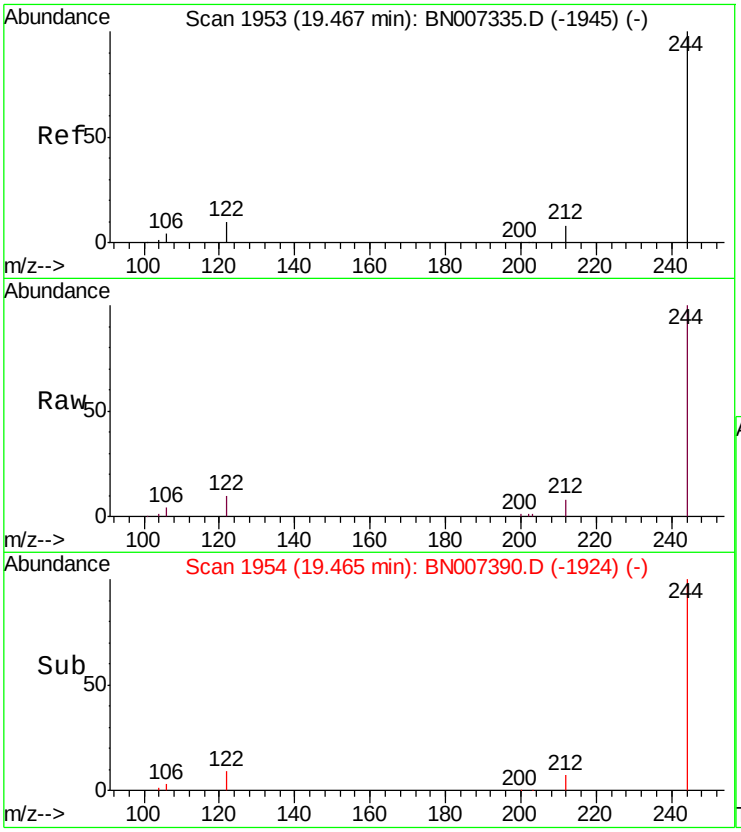


#28
Pyrene
Concen: 0.364 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:202 Resp: 41079

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.5	14.2	21.4



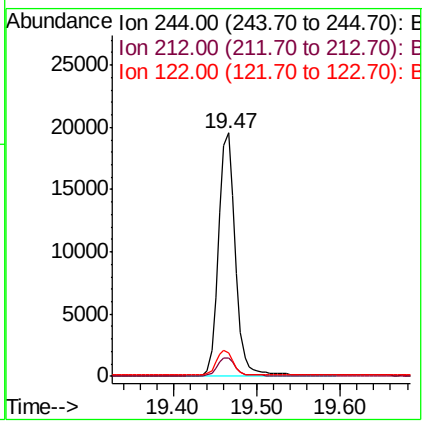


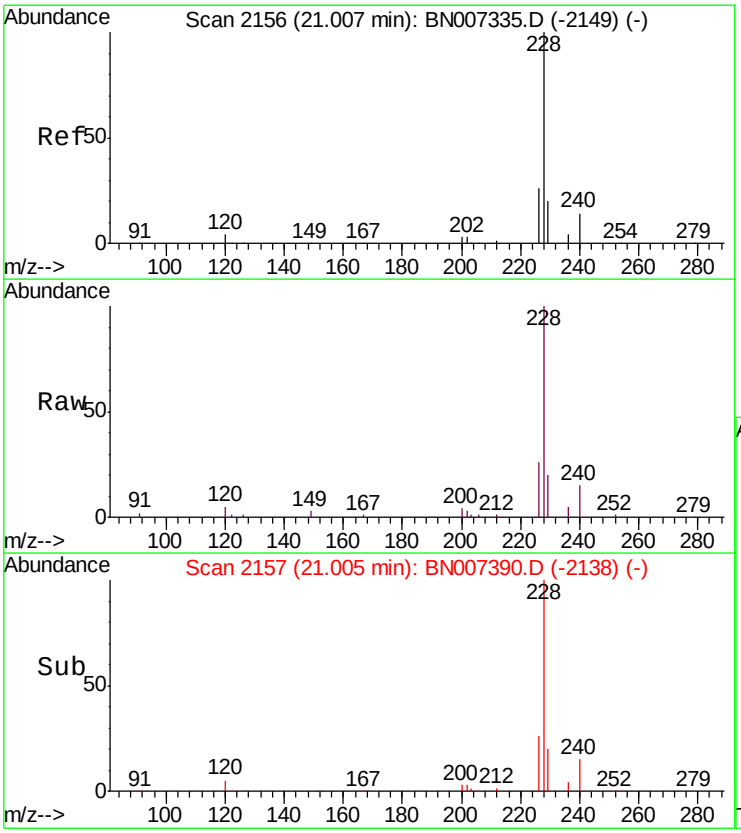
#29
Terphenyl-d14
Concen: 0.371 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 27233

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.6
122	9.6	9.6	14.4#

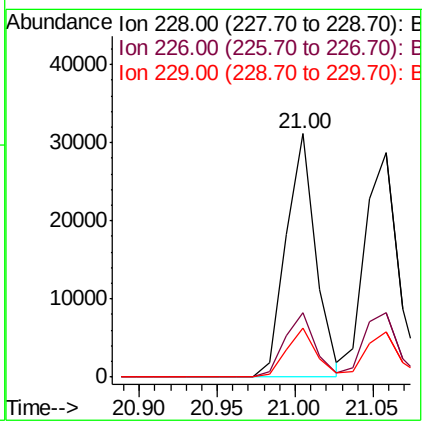


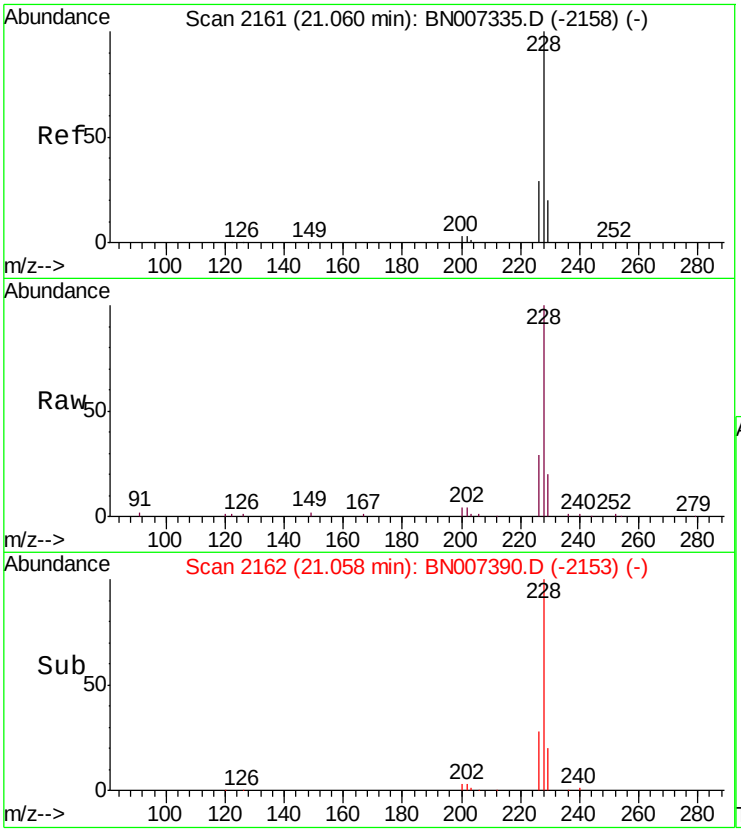


#30
Benzo(a)anthracene
Concen: 0.370 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:228 Resp: 40757

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	20.2	16.1	24.1



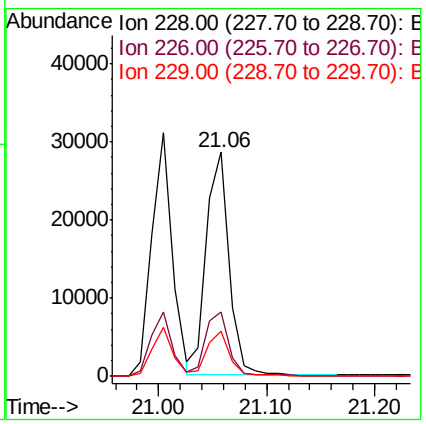


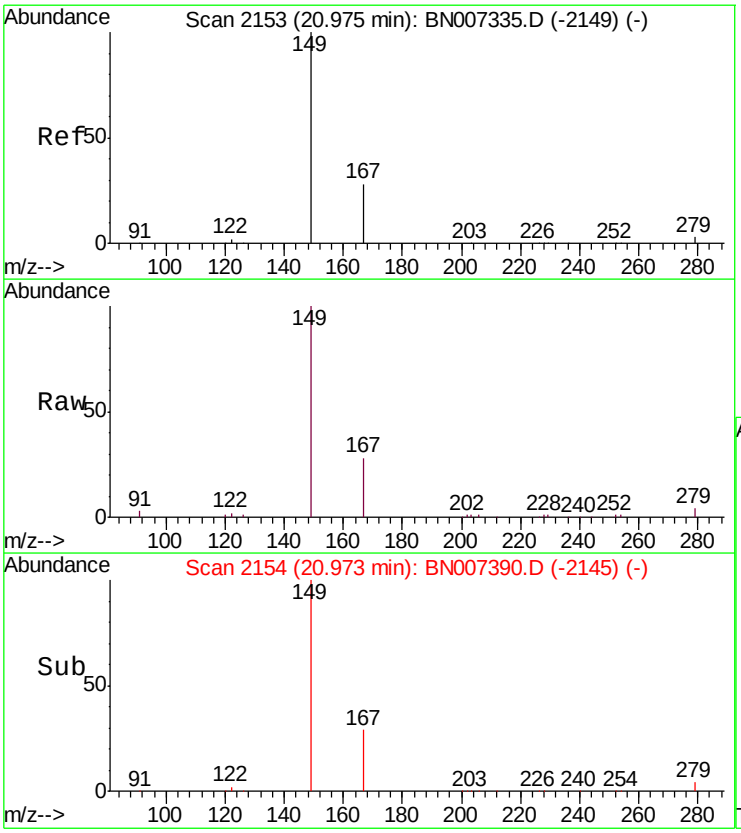
#31
Chrysene
Concen: 0.392 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 41718

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.5	35.3
229	20.0	16.6	24.8

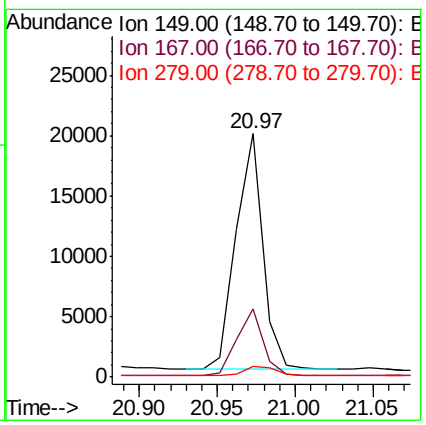


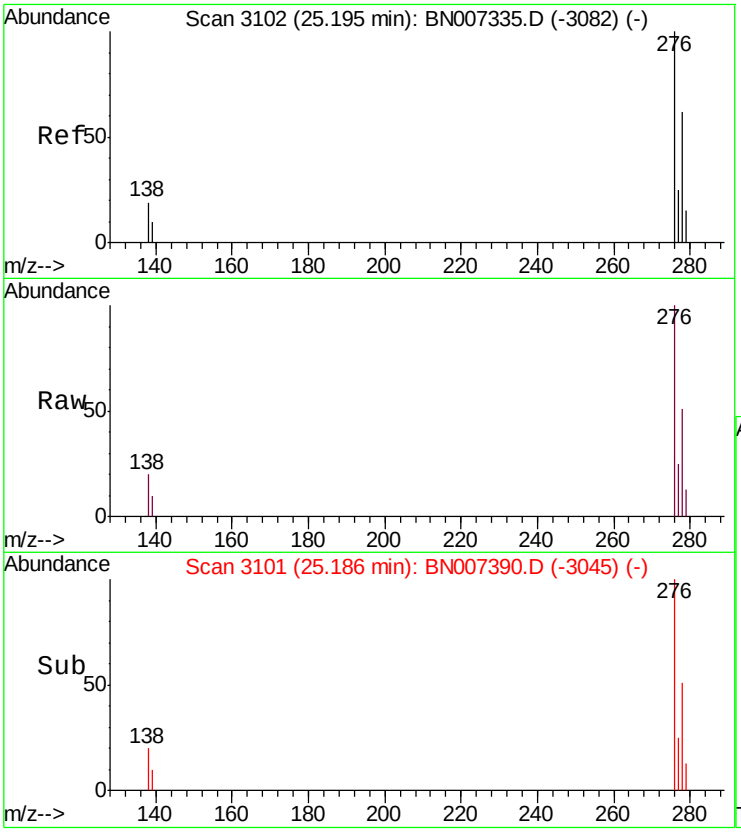


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.308 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:149 Resp: 23326

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	4.6	3.5	5.3



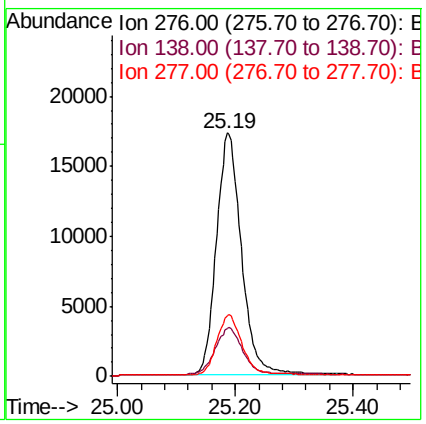


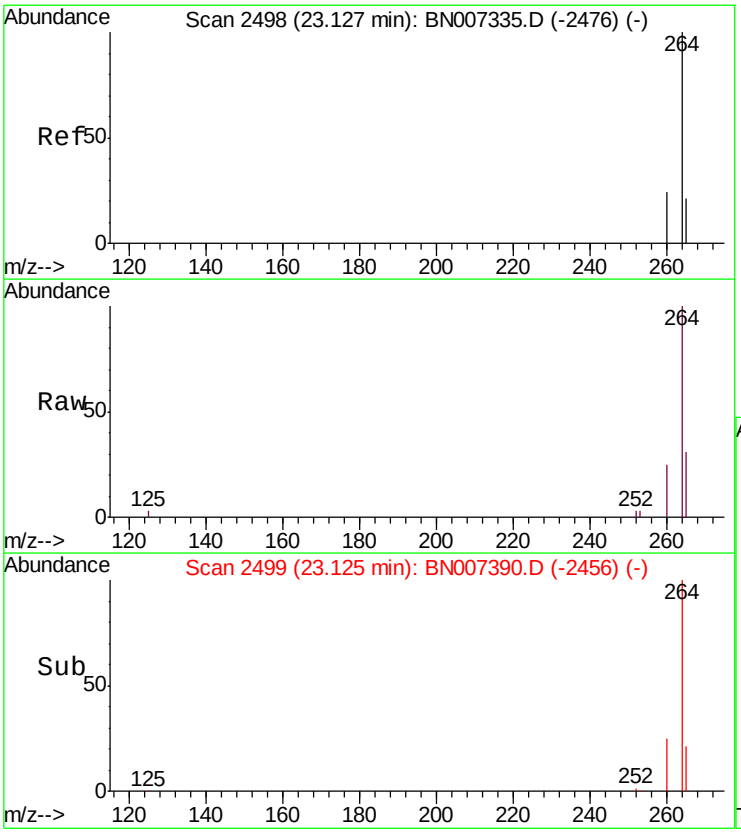
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 51342

Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.1	22.7
277	24.6	19.7	29.5

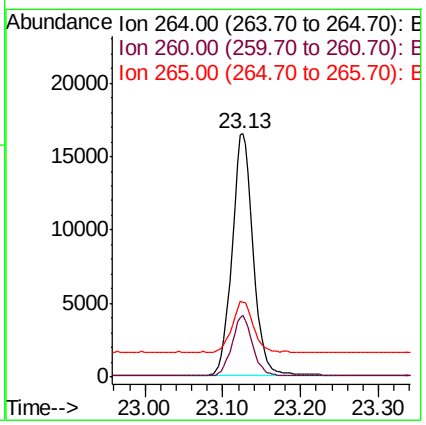


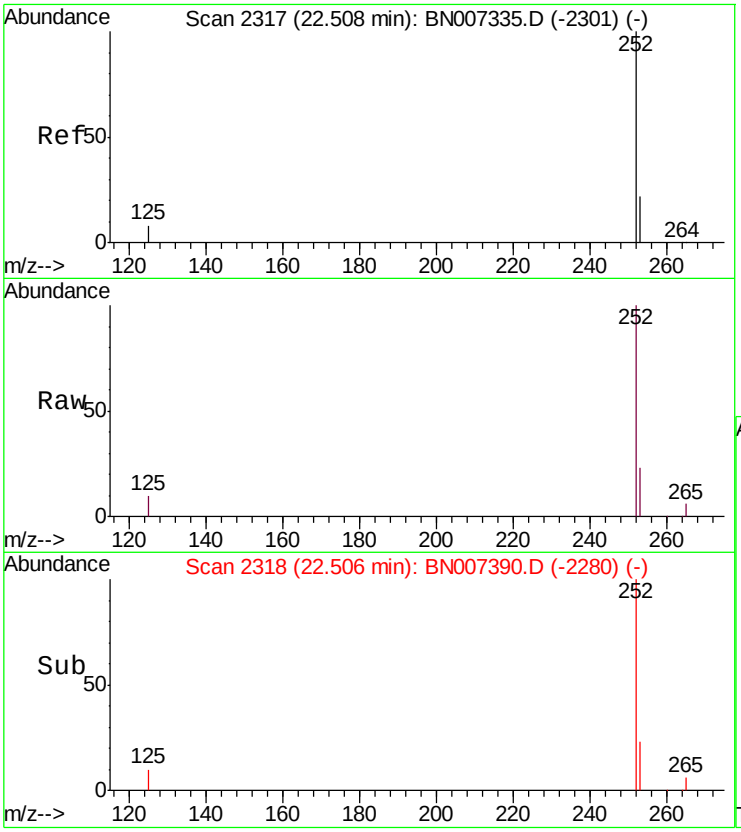


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:264 Resp: 31284

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	30.8	29.9	44.9



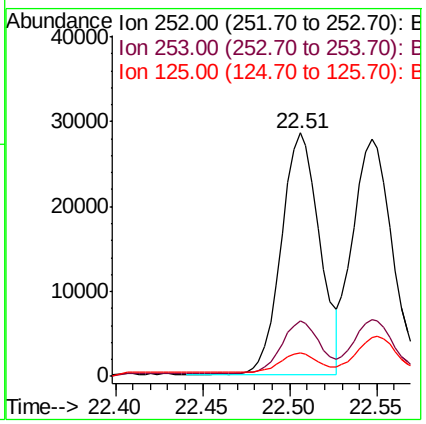


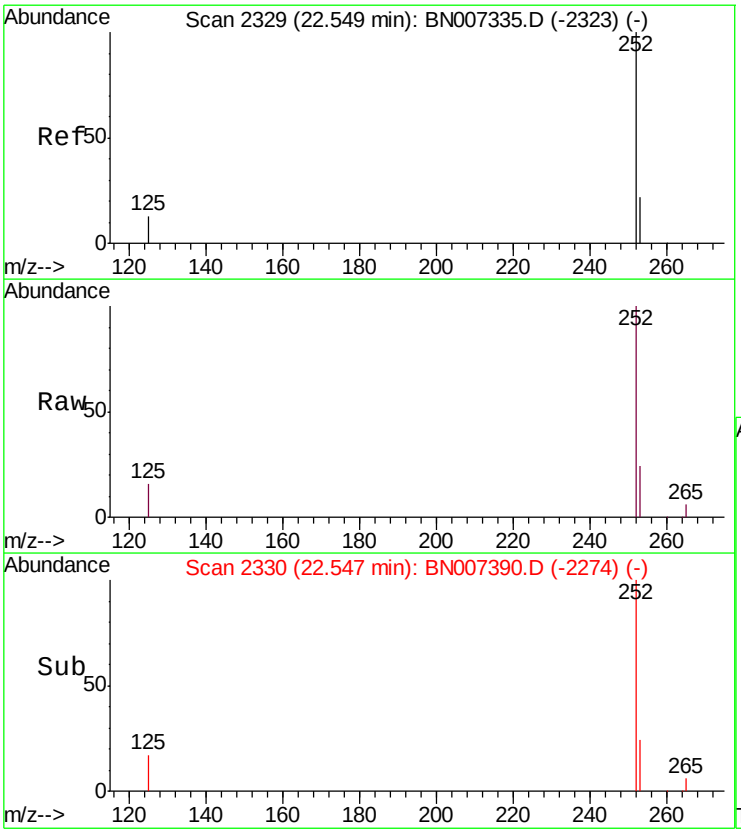
#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 43456

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	9.5	10.6	16.0#

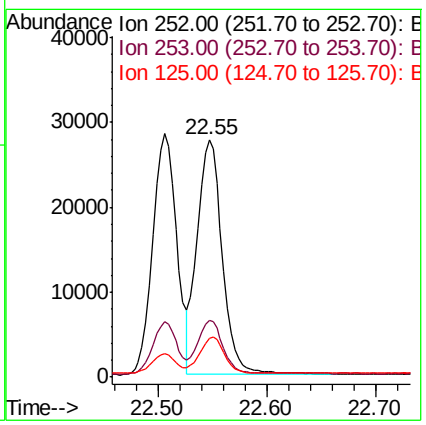


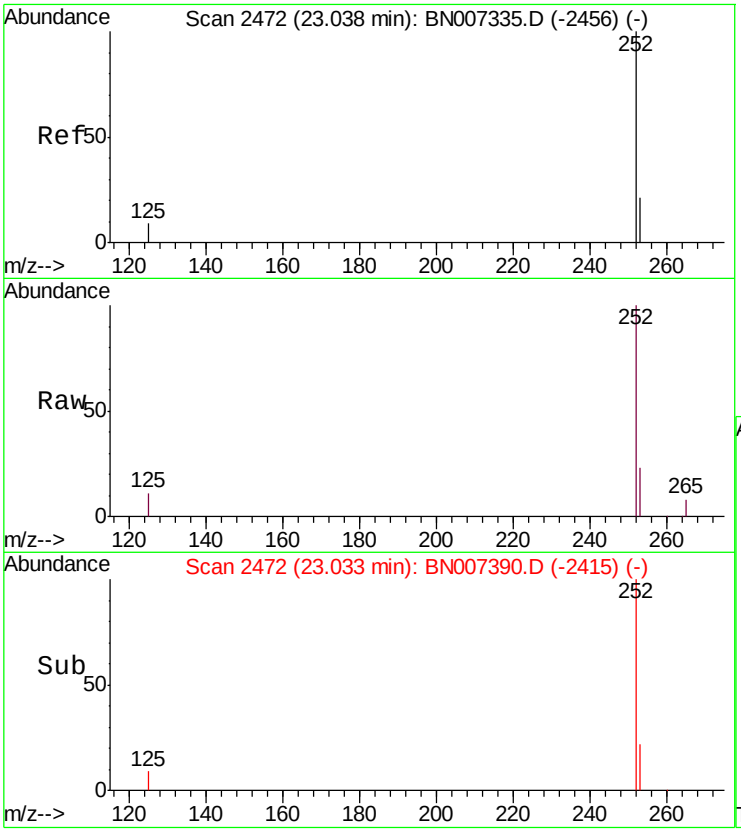


#36
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 22.55 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:252 Resp: 44471

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	16.5	13.1	19.7



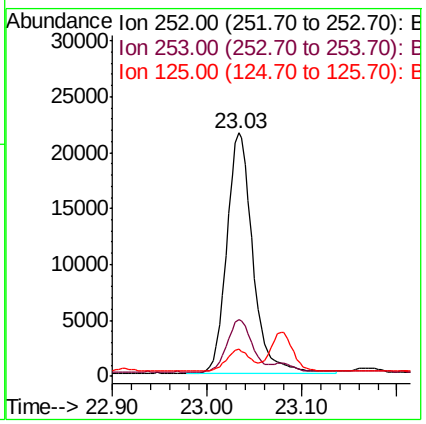


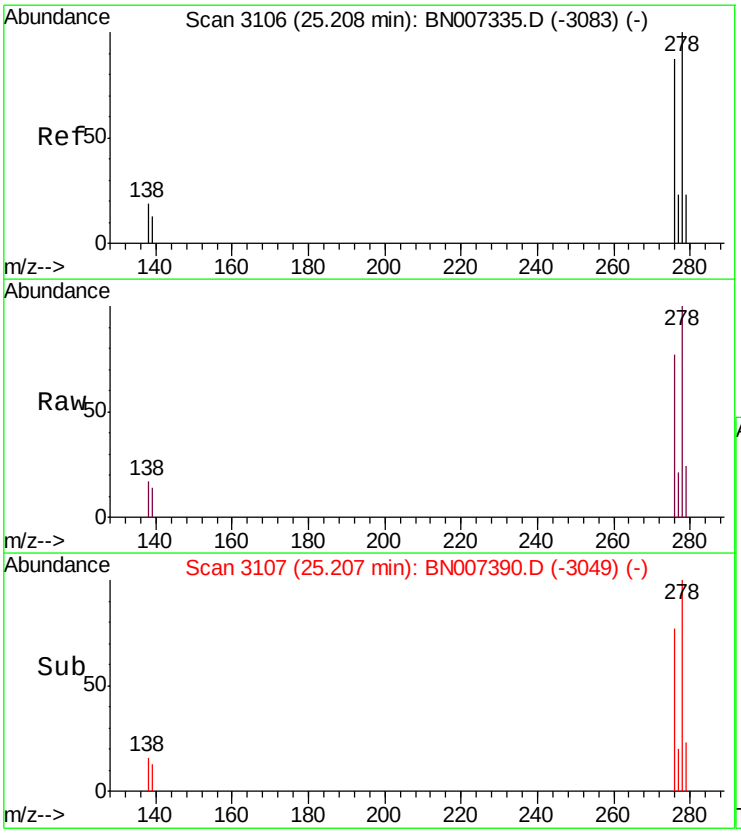
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.03 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 41023

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.5	29.3
125	11.1	12.1	18.1#

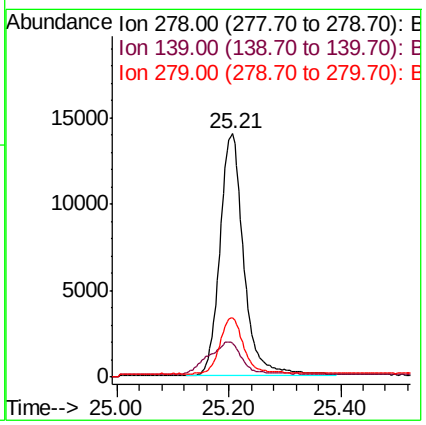


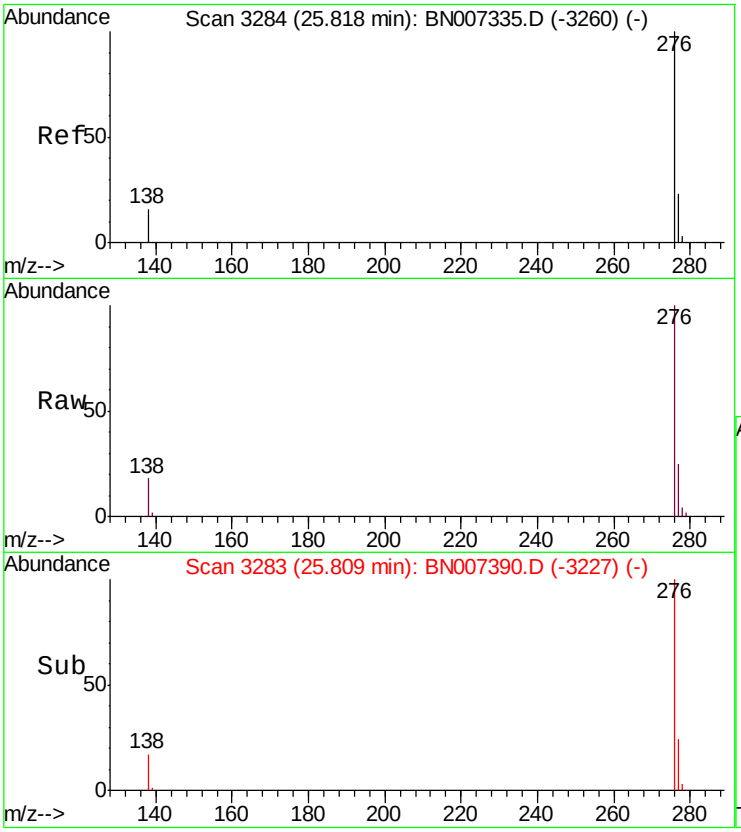


#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Tgt Ion:278 Resp: 41574

Ion	Ratio	Lower	Upper
278	100		
139	14.0	13.7	20.5
279	24.5	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.386 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN007390.D
Acq: 25 Aug 2019 11:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 41348

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	18.1	16.3	24.5