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

Quantitation Report (Not Reviewed)

Data File : BN007402.D
Acq On : 25 Aug 2019 19:01
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 26 05:23:52 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	4479	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	18454	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	9931	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	22795	0.40	ng		0.00
27) Chrysene-d12	21.02	240	23203	0.40	ng		0.00
34) Perylene-d12	23.12	264	25913	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	5536	0.35	ng		0.00
5) Phenol-d6	6.59	99	7059	0.35	ng		0.00
8) Nitrobenzene-d5	8.53	82	6158	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	11629	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2191	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	15584	0.39	ng		0.00
25) Fluoranthene-d10	18.84	212	27725	0.38	ng		0.00
29) Terphenyl-d14	19.46	244	22334	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	2622	0.352	ng	#	77
3) n-Nitrosodimethylamine	3.31	42	1248	0.361	ng	#	83
6) bis(2-Chloroethyl)ether	6.84	93	5974	0.369	ng		98
9) Naphthalene	10.20	128	20532	0.389	ng	#	90
10) Hexachlorobutadiene	10.51	225	4046	0.375	ng	#	100
12) 2-Methylnaphthalene	11.83	142	13670	0.381	ng		96
16) Acenaphthylene	13.76	152	21939	0.373	ng		99
17) Acenaphthene	14.10	154	13139	0.382	ng		99
18) Fluorene	15.10	166	16612	0.382	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	2841	0.316	ng	#	90
21) Hexachlorobenzene	16.11	284	6139	0.402	ng		95
22) Pentachlorophenol	16.46	266	2230	0.470	ng	#	63
23) Phenanthrene	16.84	178	27007	0.394	ng		99
24) Anthracene	16.93	178	25416	0.369	ng		99
26) Fluoranthene	18.87	202	33920	0.385	ng		100
28) Pyrene	19.24	202	35110	0.376	ng		99
30) Benzo(a)anthracene	21.00	228	34908	0.383	ng		99
31) Chrysene	21.06	228	34397	0.391	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	22505	0.363	ng		99
33) Indeno(1,2,3-cd)pyrene	25.18	276	42750	0.403	ng		98
35) Benzo(b)fluoranthene	22.50	252	35692	0.380	ng		97
36) Benzo(k)fluoranthene	22.54	252	36523	0.394	ng		99
37) Benzo(a)pyrene	23.03	252	34250	0.383	ng		97
38) Dibenzo(a,h)anthracene	25.20	278	34279	0.385	ng		96
39) Benzo(g,h,i)perylene	25.81	276	35114	0.395	ng		97

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

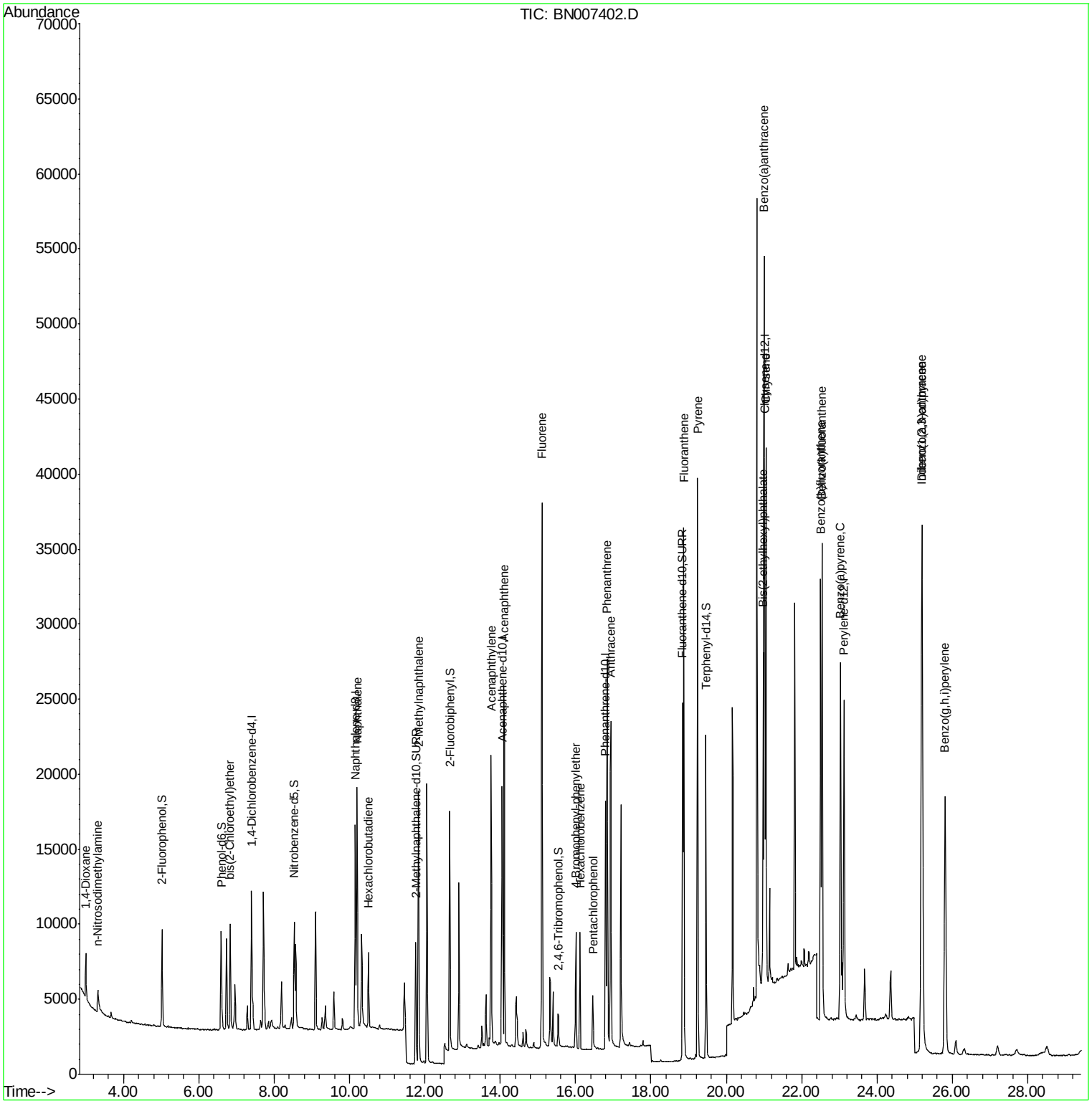
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082519\

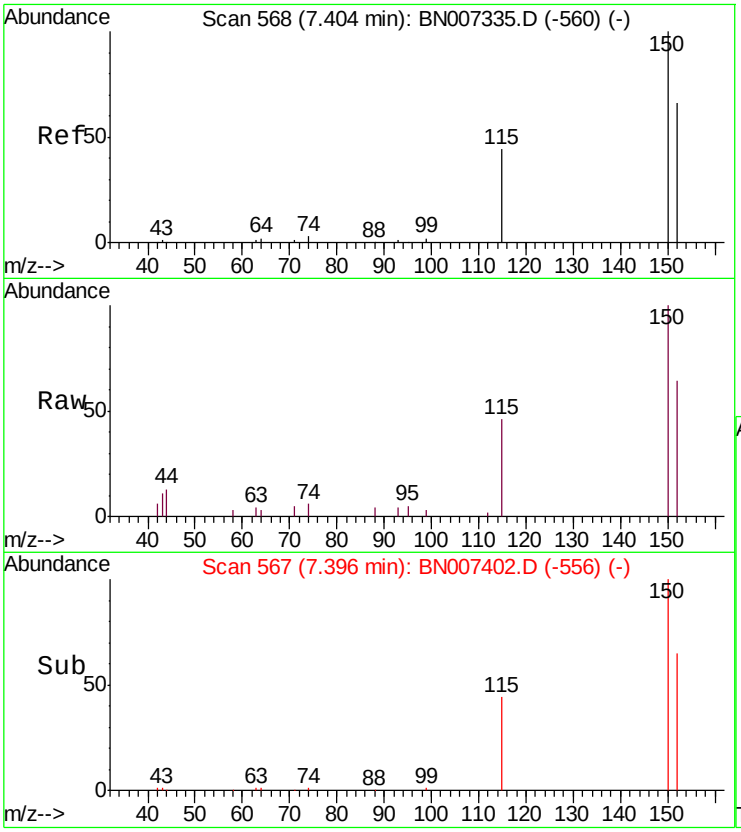
Quantitation Report (Not Reviewed)

Data File : BN007402.D
Acq On : 25 Aug 2019 19:01
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 26 05:23:52 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



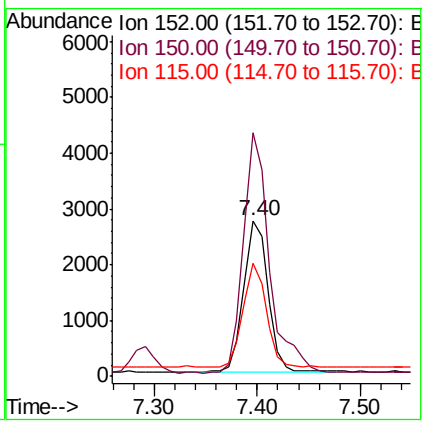


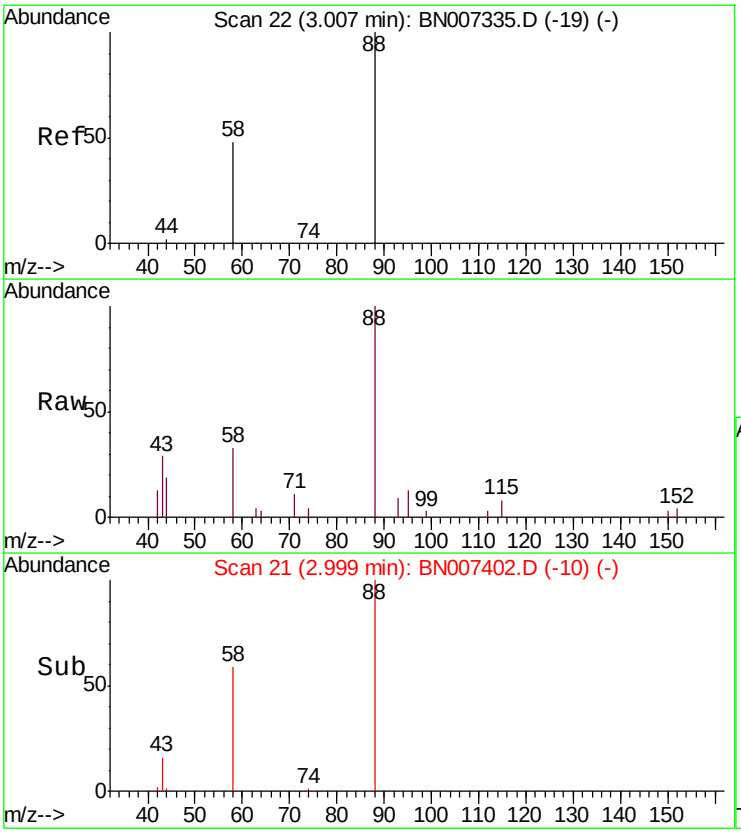
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4479

Ion	Ratio	Lower	Upper
152	100		
150	156.2	109.1	163.7
115	72.1	59.6	89.4

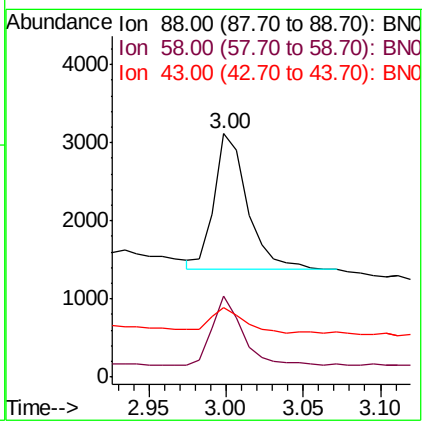


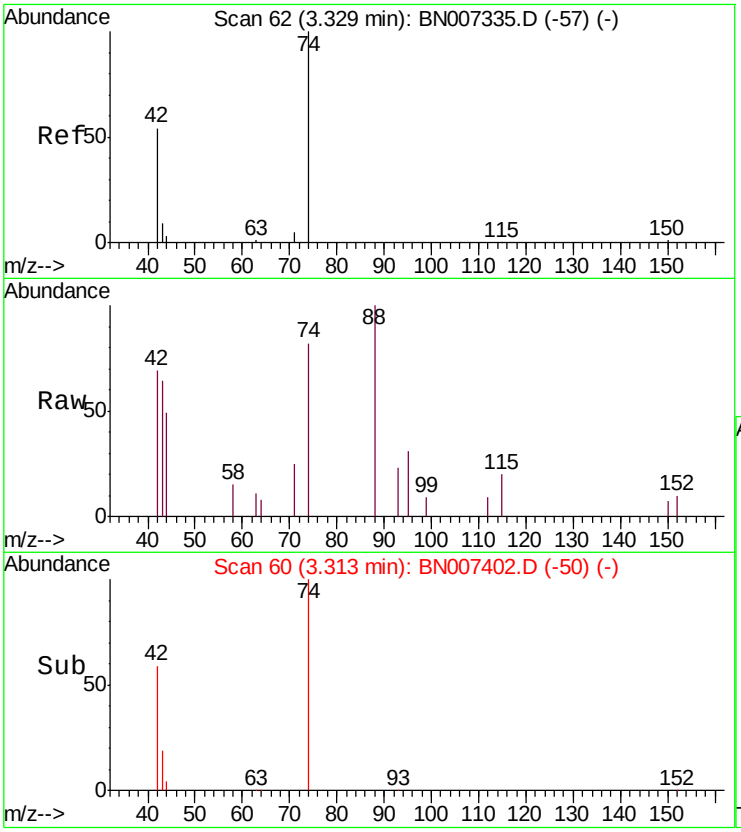


#2
1,4-Dioxane
Concen: 0.352 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion: 88 Resp: 2622

Ion	Ratio	Lower	Upper
88	100		
58	45.6	50.5	75.7#
43	20.0	0.0	0.0#



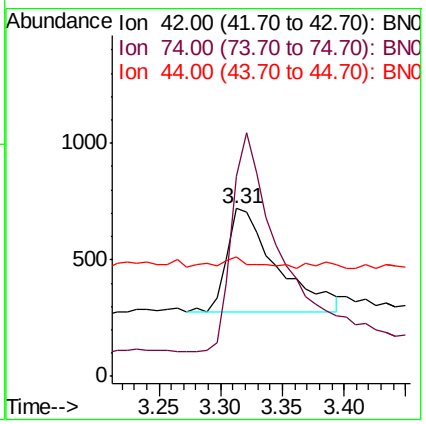


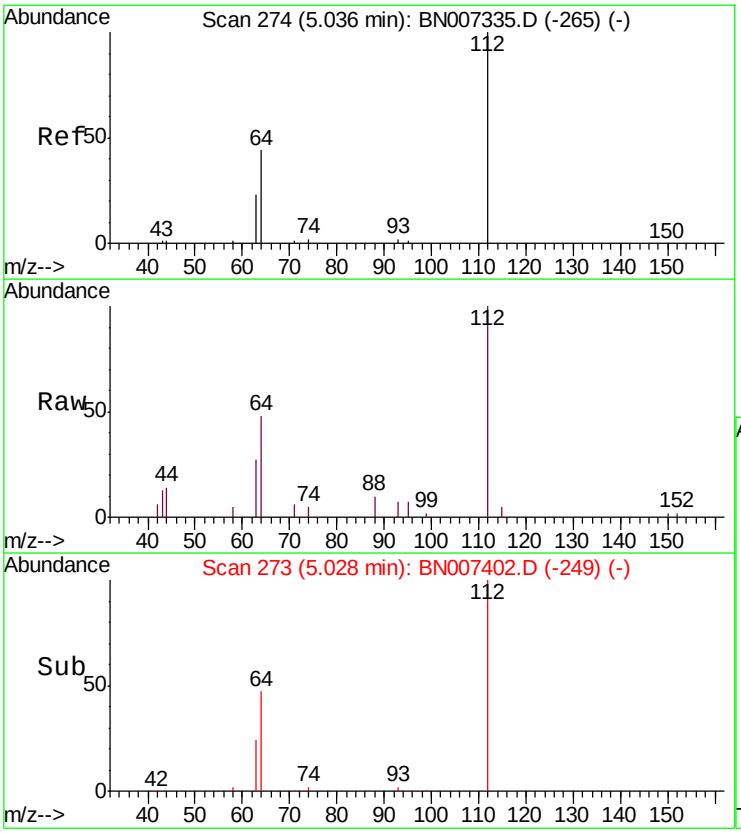
#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1248

Ion	Ratio	Lower	Upper
42	100		
74	205.4	144.7	217.1
44	8.0	3.2	4.8#

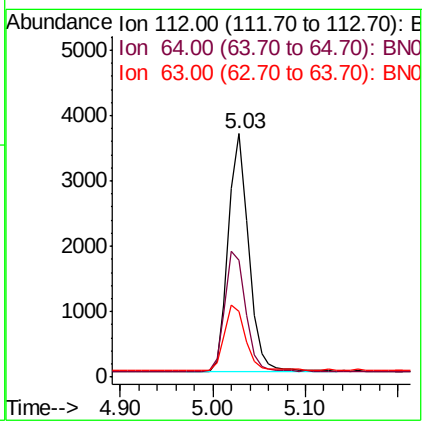


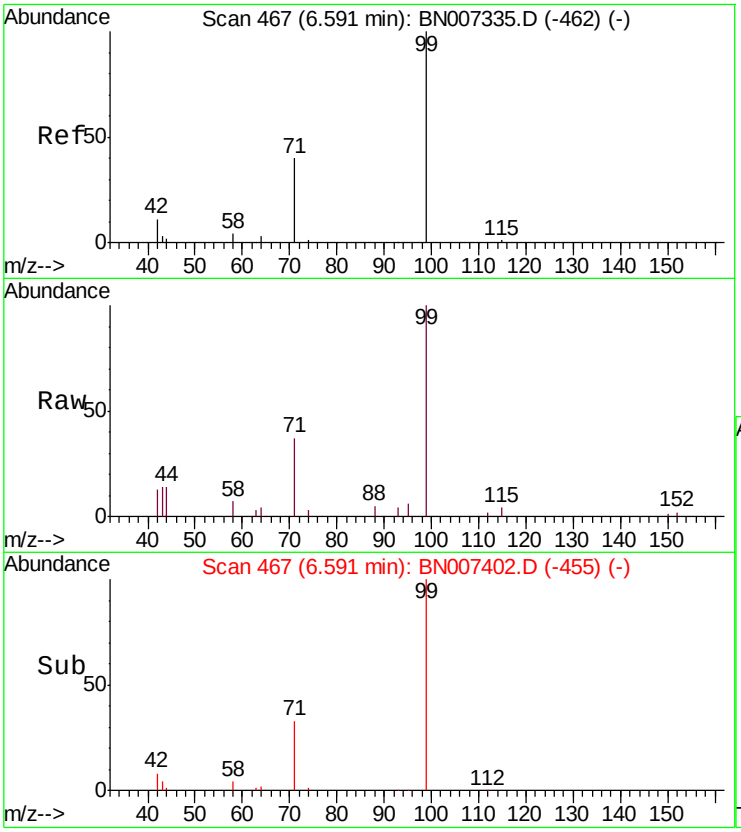


#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:112 Resp: 5536

Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.3	63.5
63	28.7	23.6	35.4



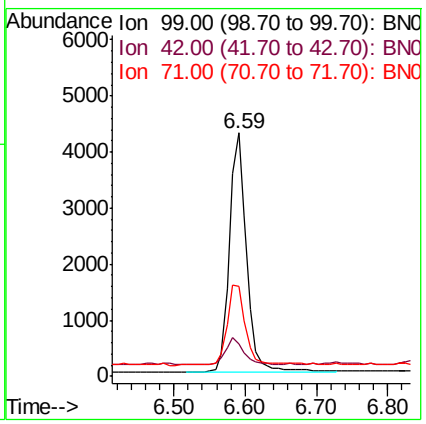


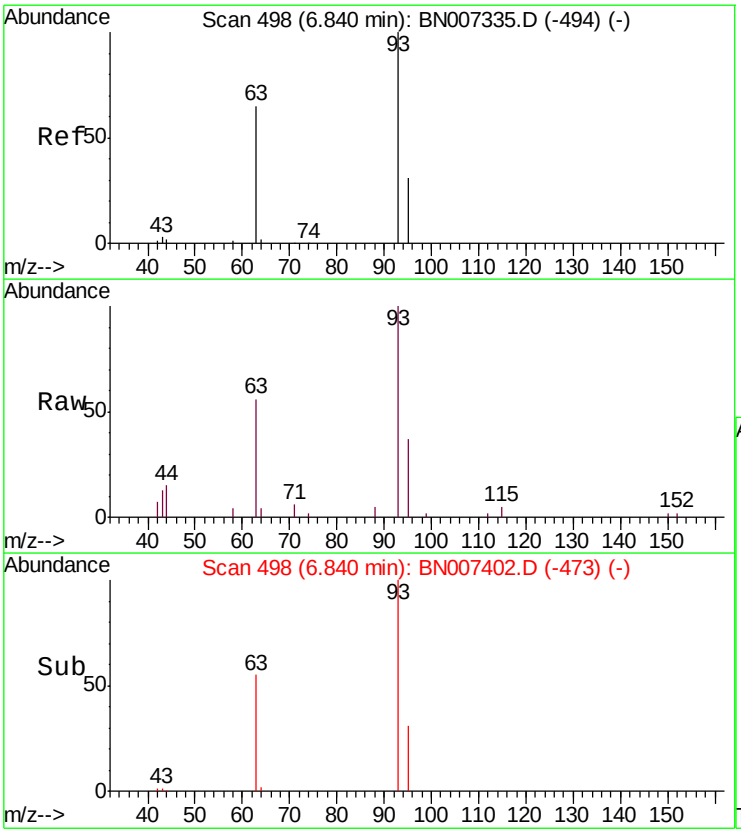
#5
Phenol-d6
Concen: 0.354 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 7059

Ion	Ratio	Lower	Upper
99	100		
42	12.3	11.2	16.8
71	34.7	31.8	47.8

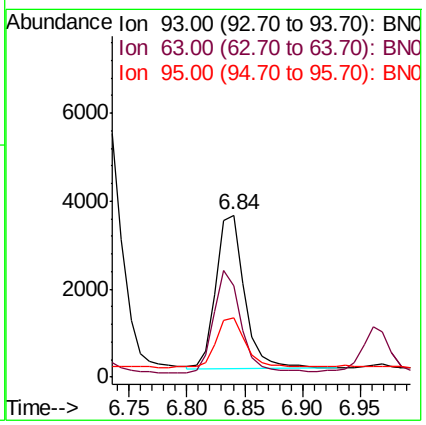


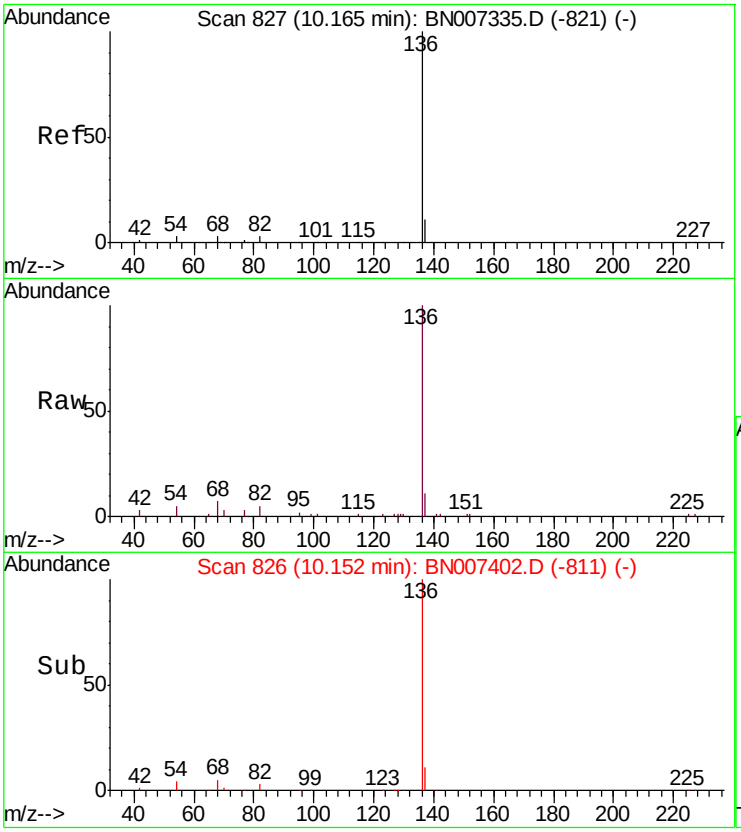


#6
bis(2-Chloroethyl)ether
Concen: 0.369 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion: 93 Resp: 5974

Ion	Ratio	Lower	Upper
93	100		
63	63.4	51.9	77.9
95	32.9	27.7	41.5



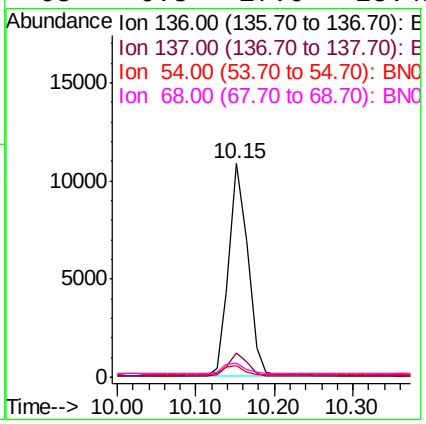


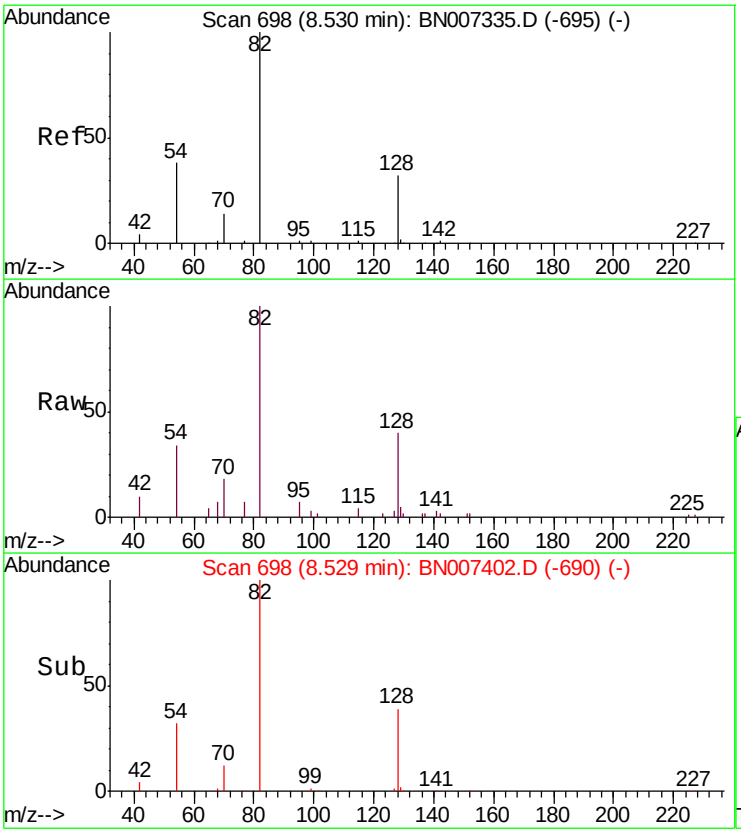
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 18454

Ion	Ratio	Lower	Upper
136	100		
137	11.5	12.9	19.3#
54	5.3	8.6	12.8#
68	6.8	17.0	25.4#

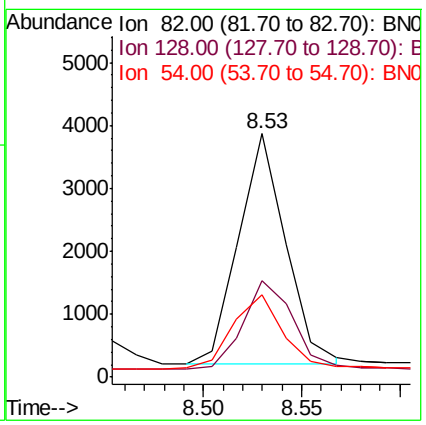


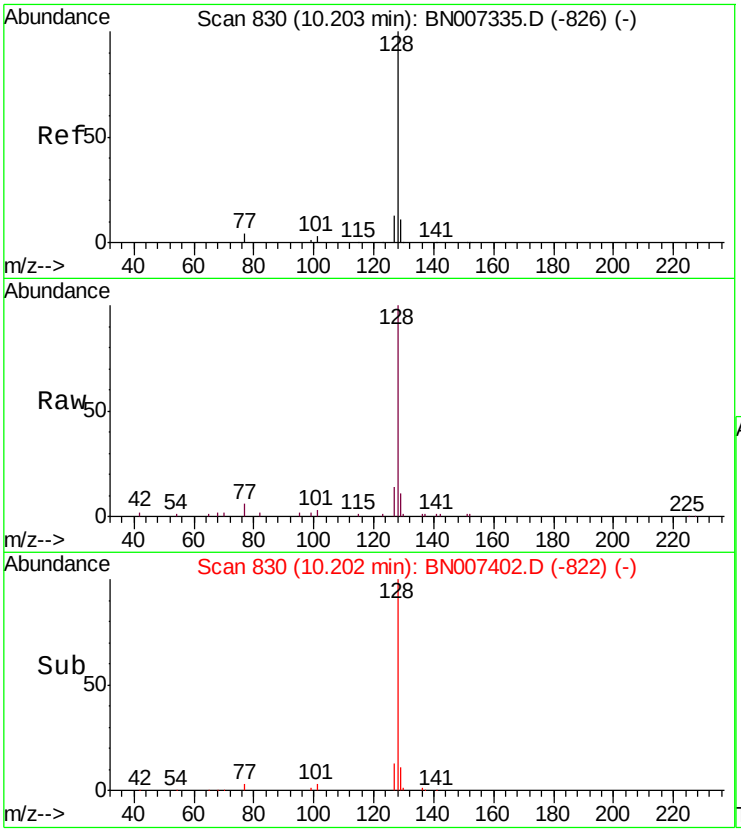


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion: 82 Resp: 6158

Ion	Ratio	Lower	Upper
82	100		
128	39.6	19.7	29.5#
54	33.9	25.8	38.6



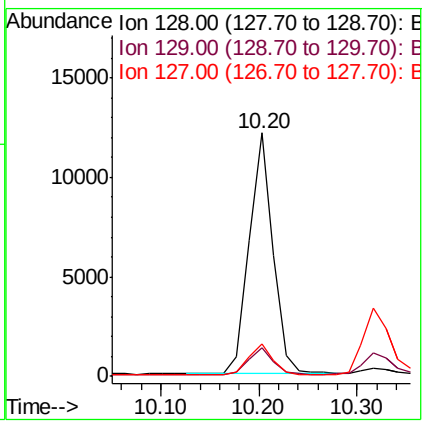


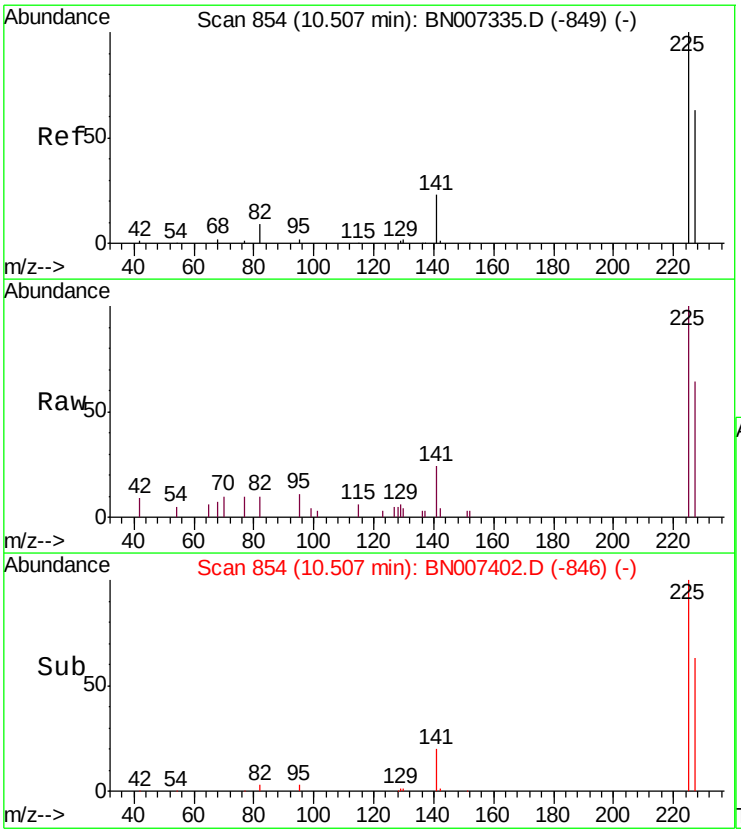
#9
Naphthalene
Concen: 0.389 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 20532

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.1	16.7
127	13.5	15.5	23.3#

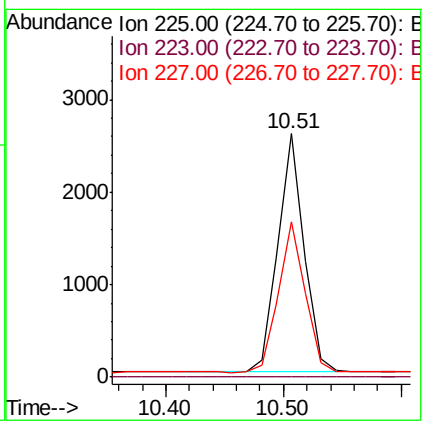


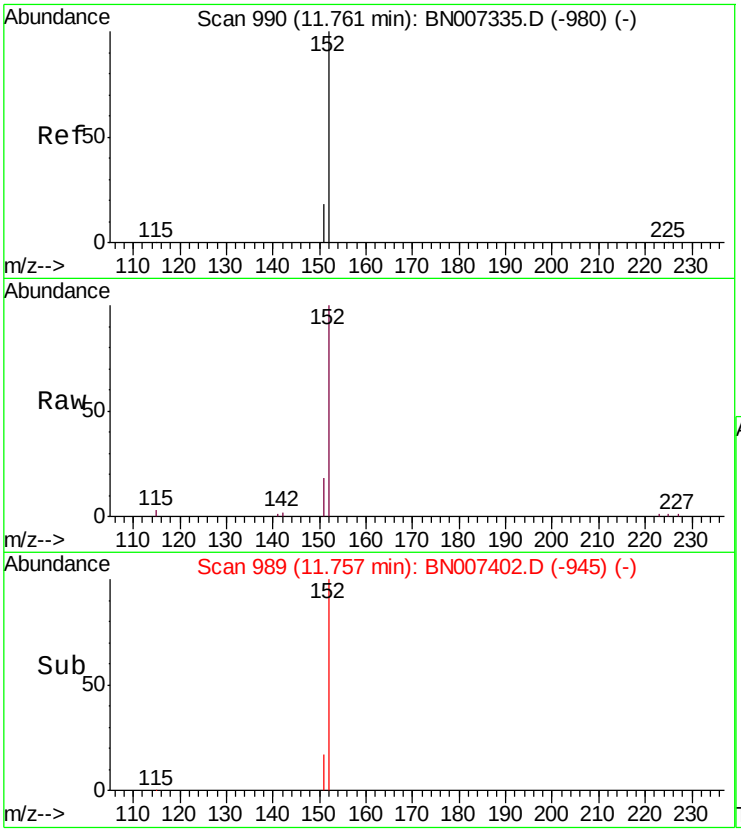


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:225 Resp: 4046

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.7	76.1



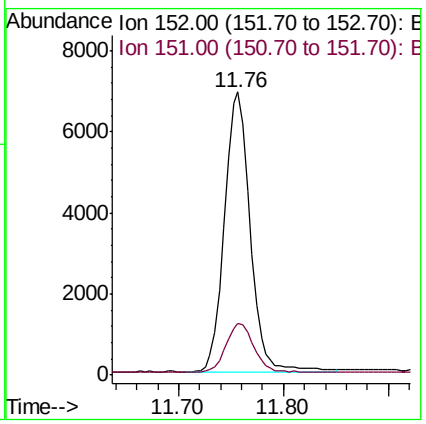


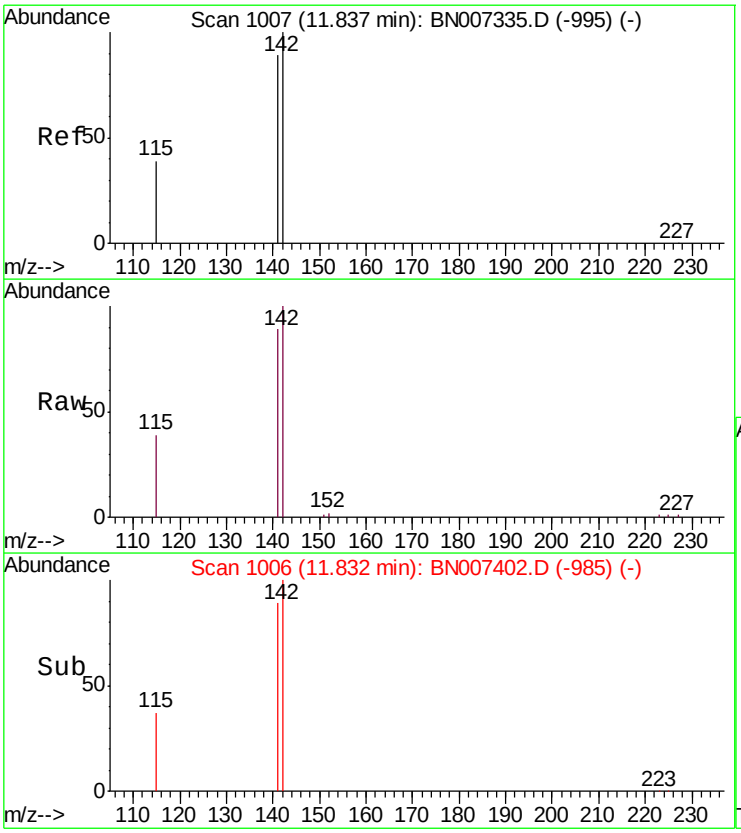
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11629

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2

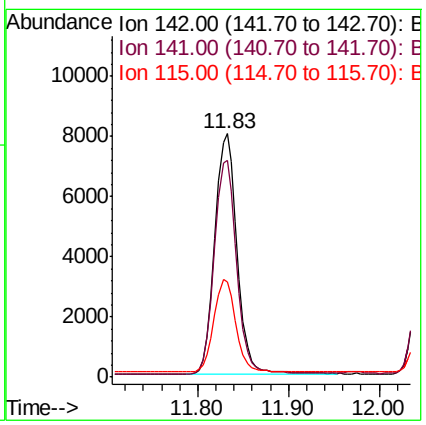


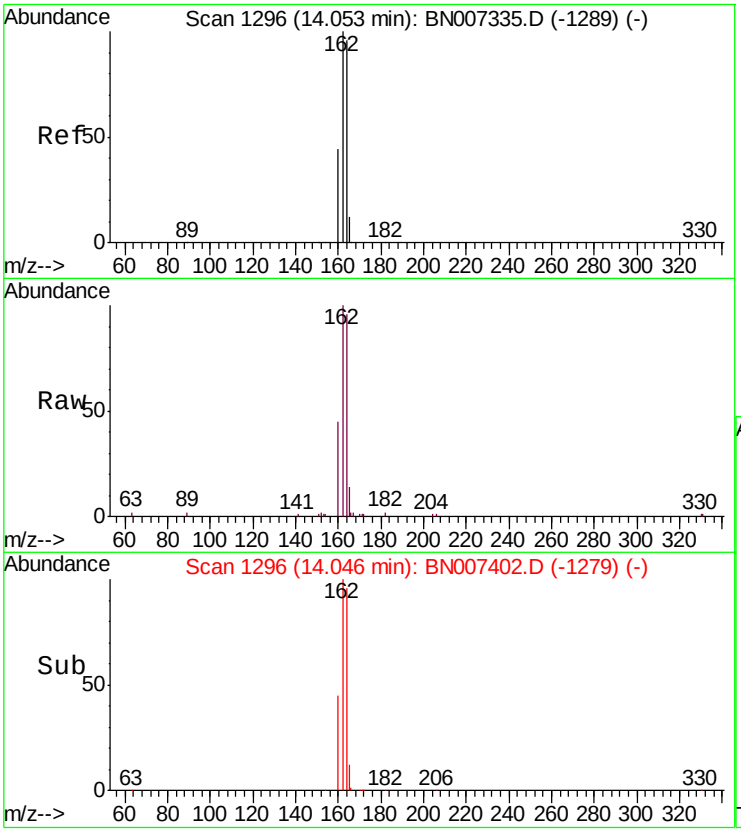


#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:142 Resp: 13670

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.8	109.2
115	39.0	35.2	52.8



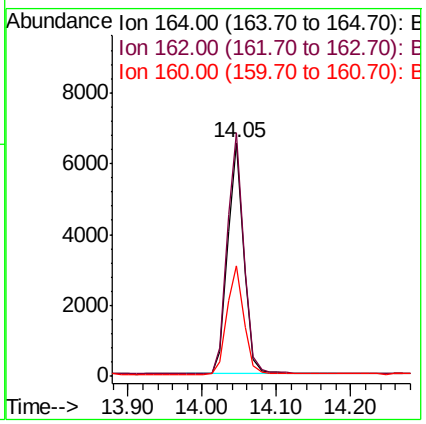


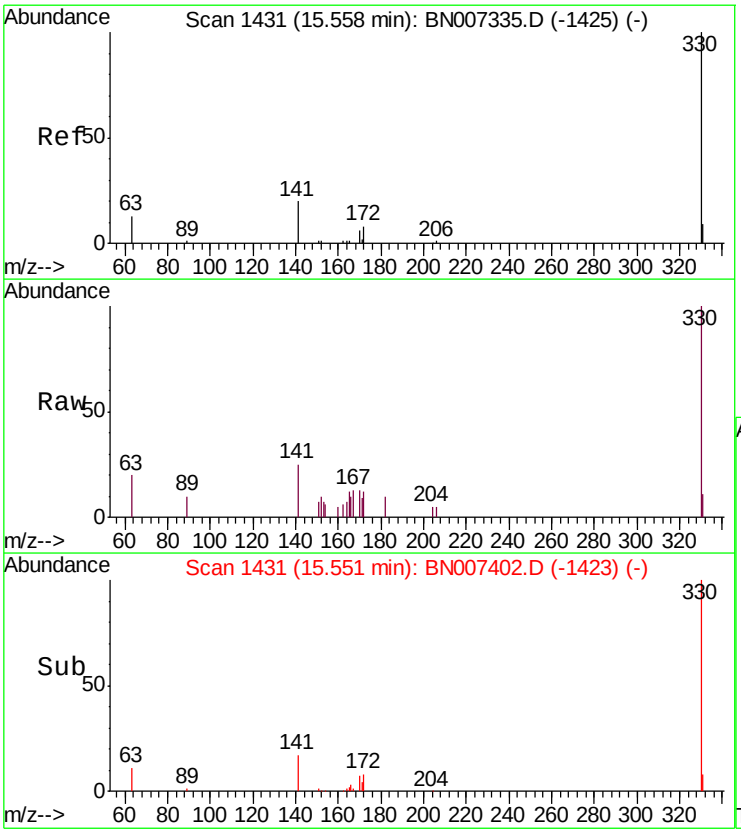
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9931

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.5	125.3
160	47.0	38.2	57.4

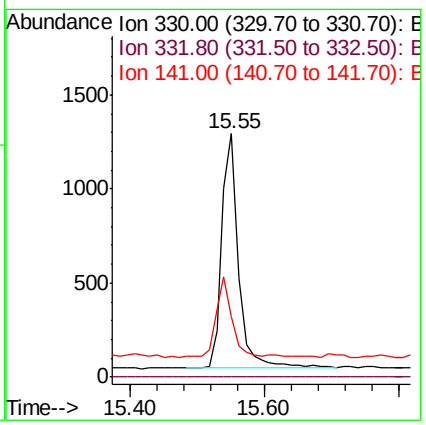


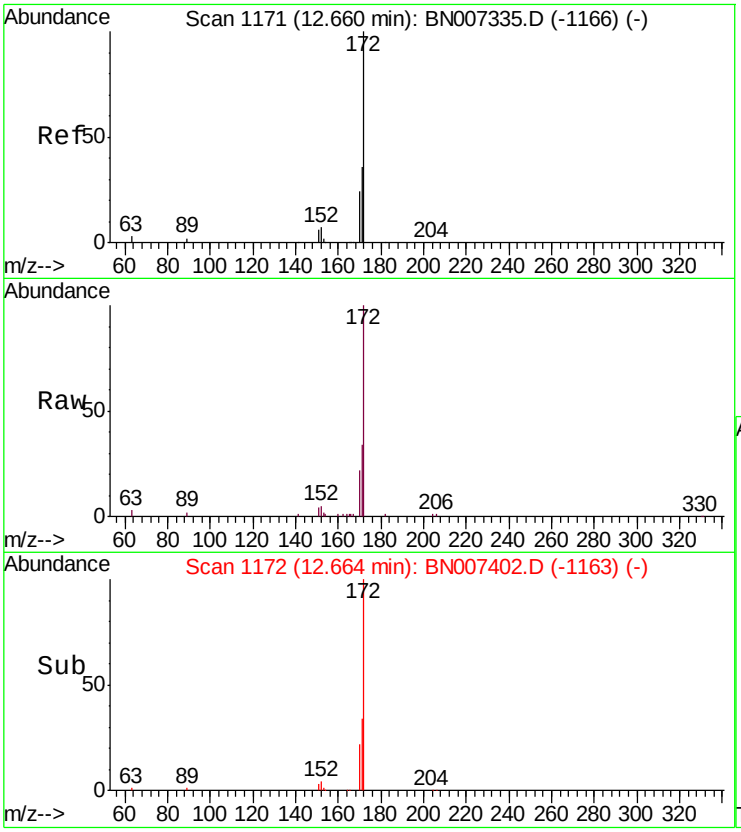


#14
2,4,6-Tribromophenol
Concen: 0.422 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:330 Resp: 2191

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.4	26.9	40.3



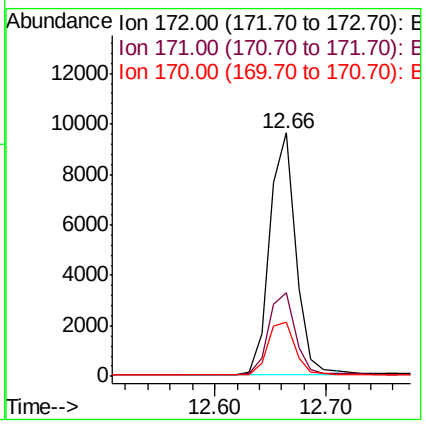


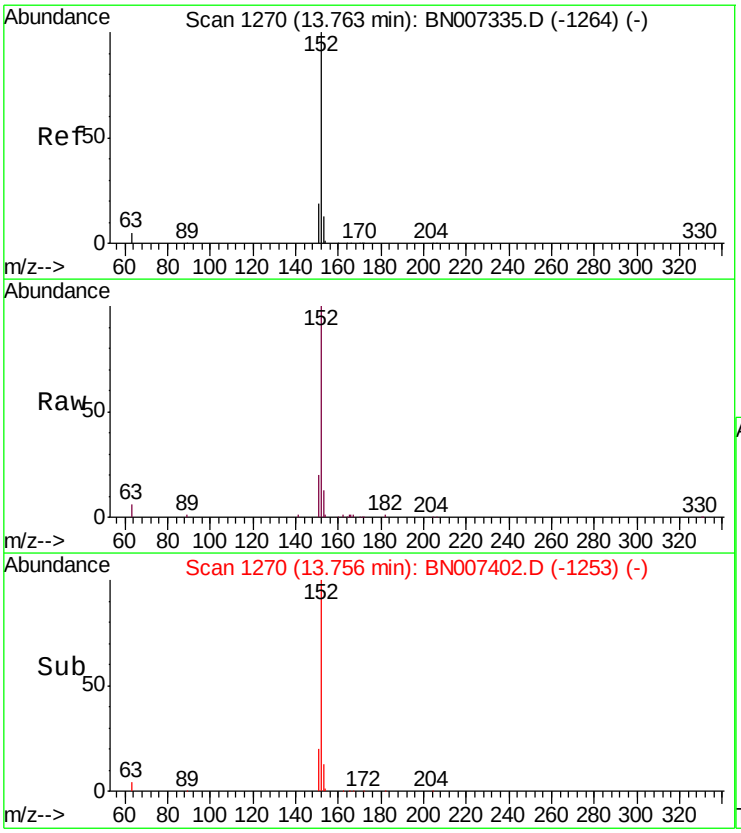
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 15584

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.3	45.5
170	22.3	20.7	31.1

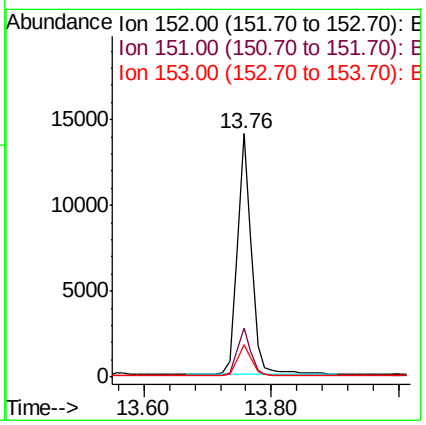


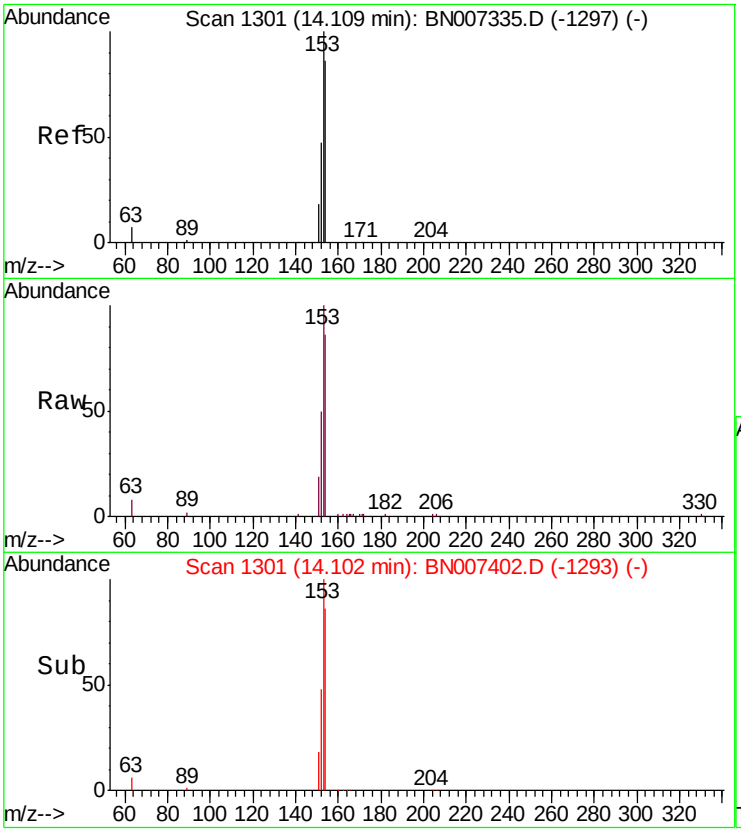


#16
Acenaphthylene
Concen: 0.373 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:152 Resp: 21939

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1
153	12.9	10.6	15.8



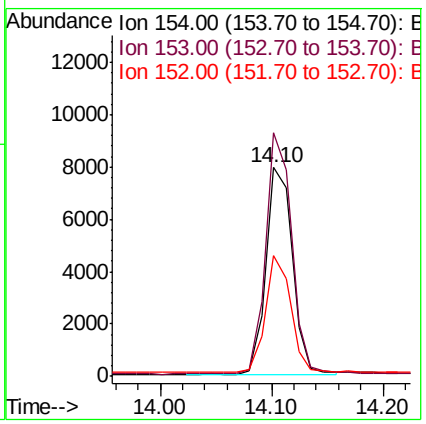


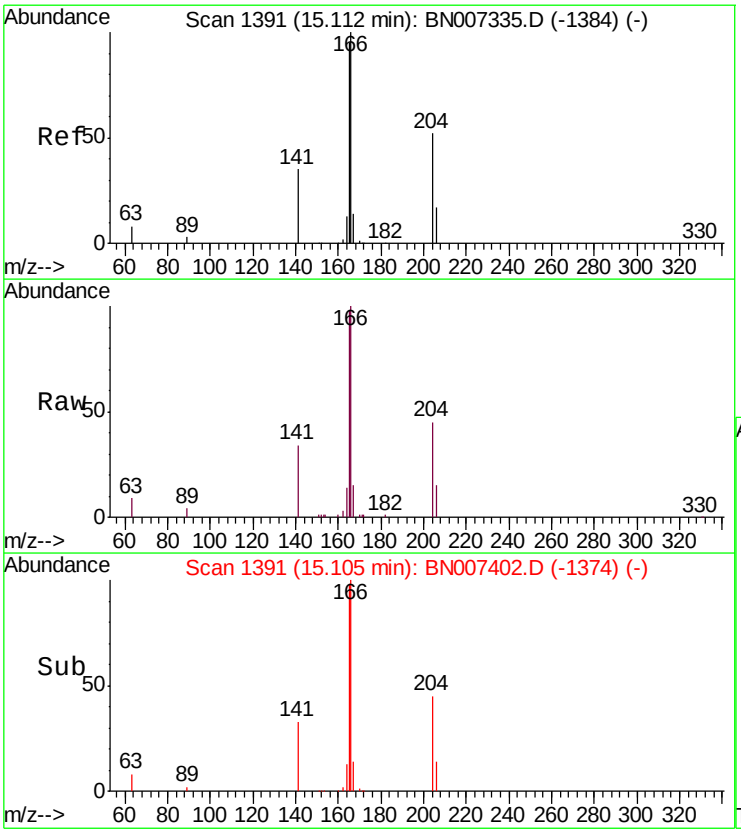
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 13139

Ion	Ratio	Lower	Upper
154	100		
153	114.8	92.8	139.2
152	54.7	43.8	65.8

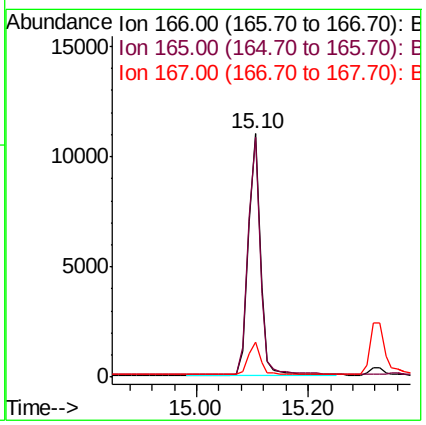


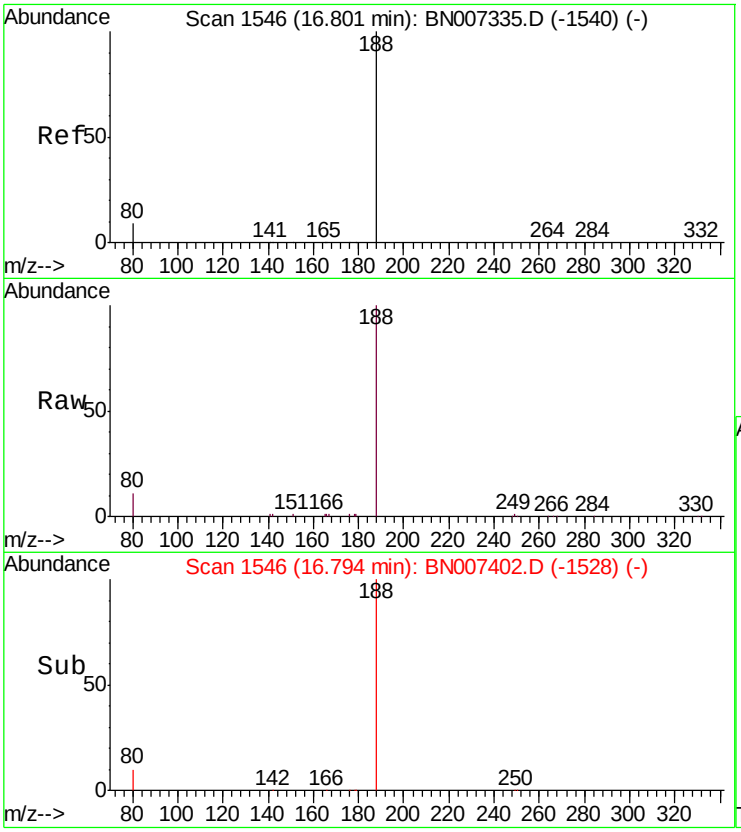


#18
Fluorene
Concen: 0.382 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:166 Resp: 16612

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	13.6	10.6	15.8



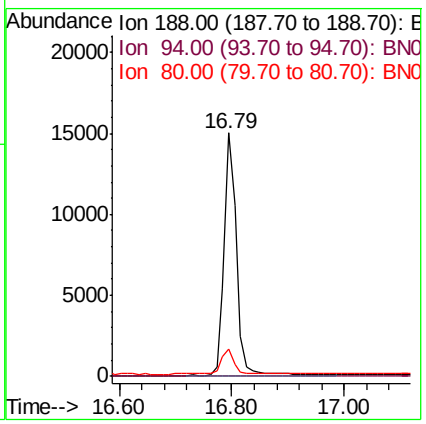


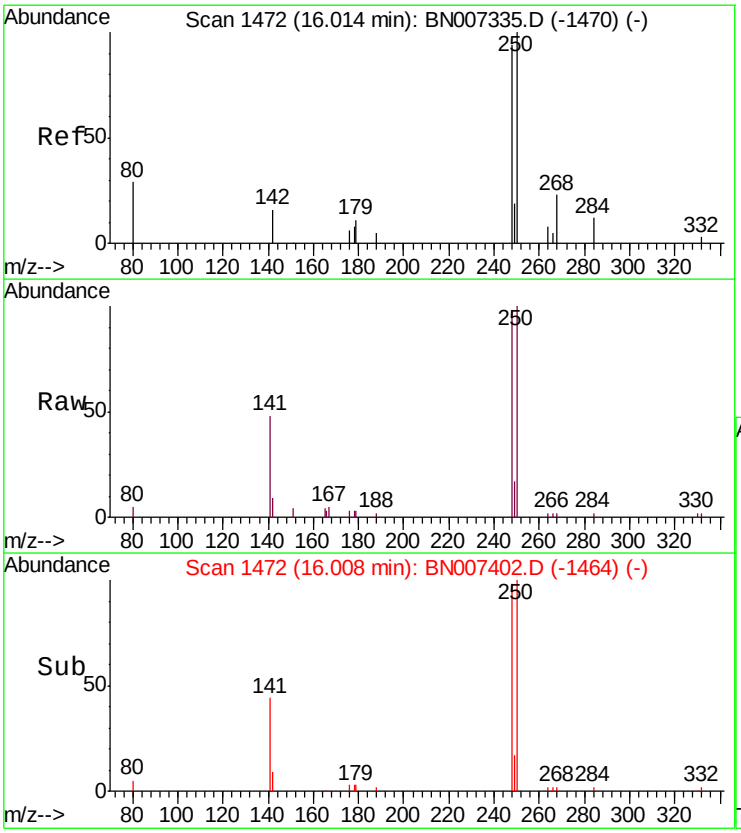
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 22795

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	11.8	17.8#

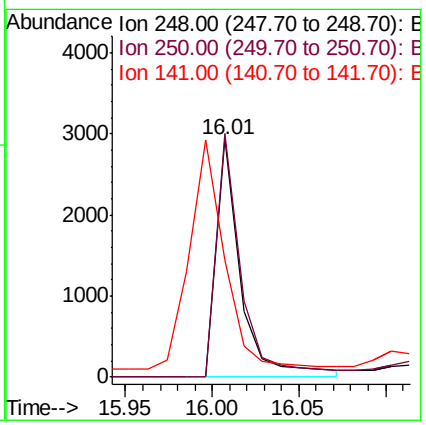


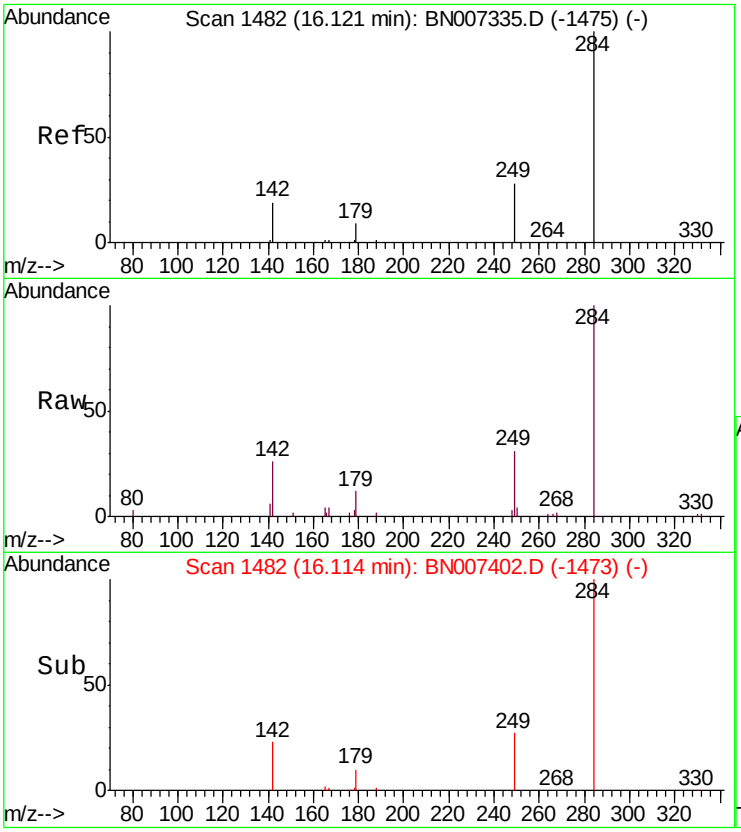


#20
4-Bromophenyl-phenylether
Concen: 0.316 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:248 Resp: 2841

Ion	Ratio	Lower	Upper
248	100		
250	102.4	85.0	127.6
141	49.0	51.7	77.5#



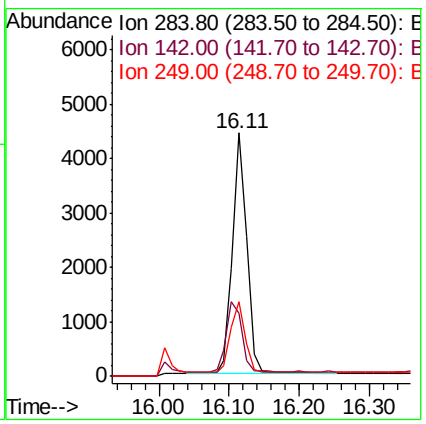


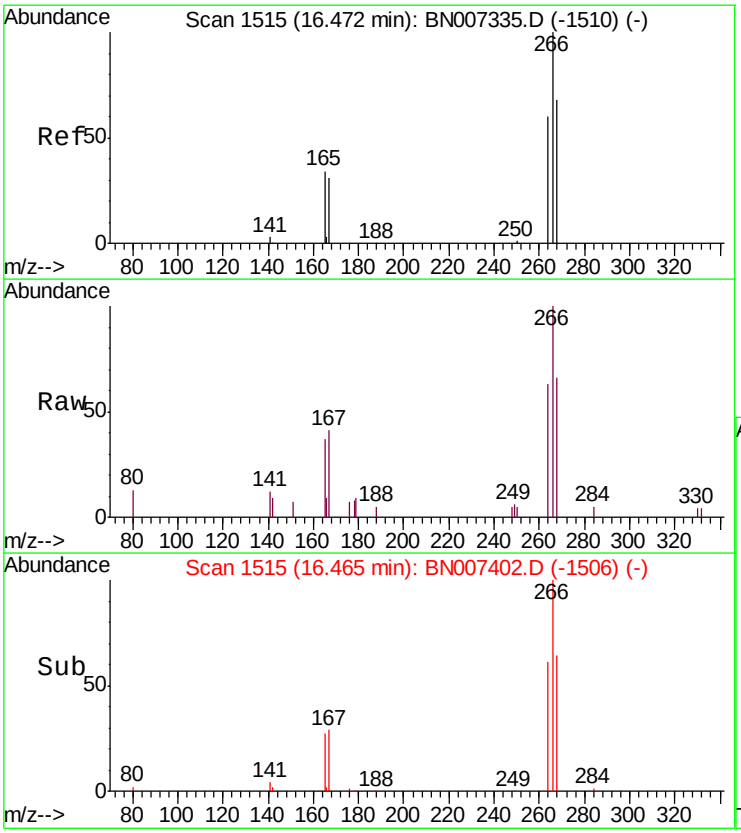
#21
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 6139

Ion	Ratio	Lower	Upper
284	100		
142	31.8	29.0	43.6
249	30.1	24.9	37.3

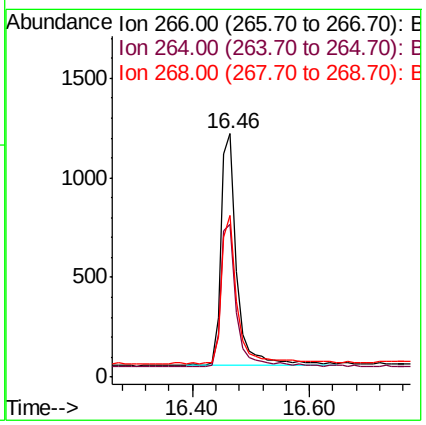


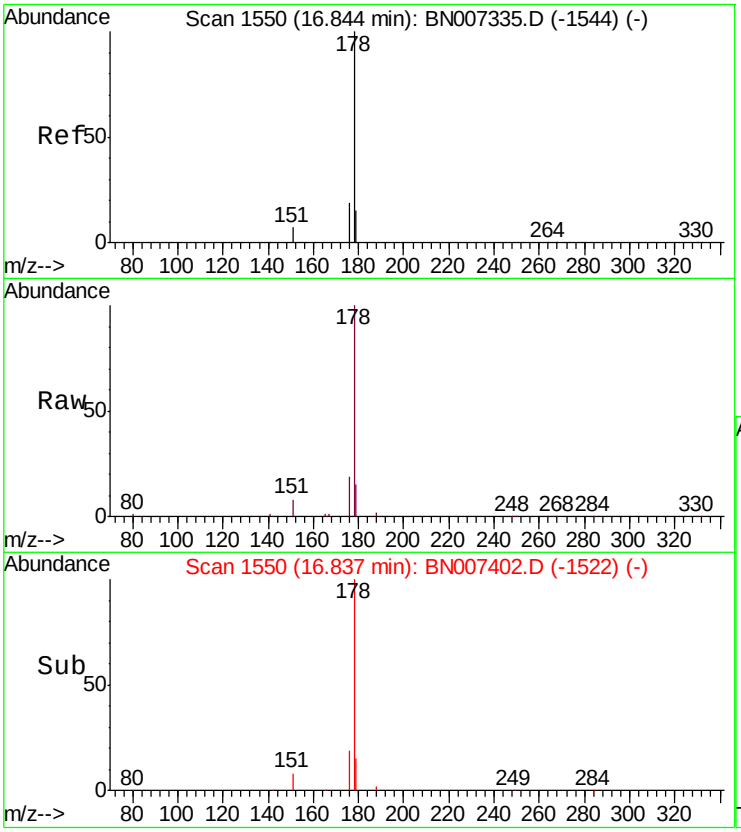


#22
Pentachlorophenol
Concen: 0.470 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:266 Resp: 2230

Ion	Ratio	Lower	Upper
266	100		
264	62.5	57.8	86.8
268	66.4	99.7	149.5#



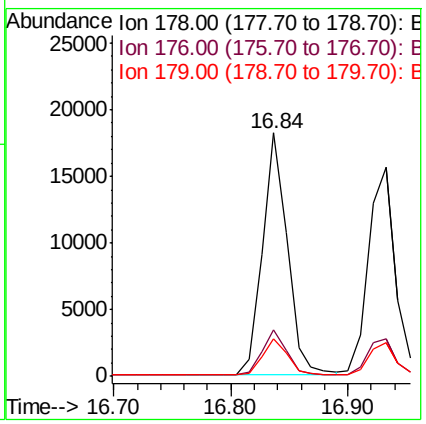


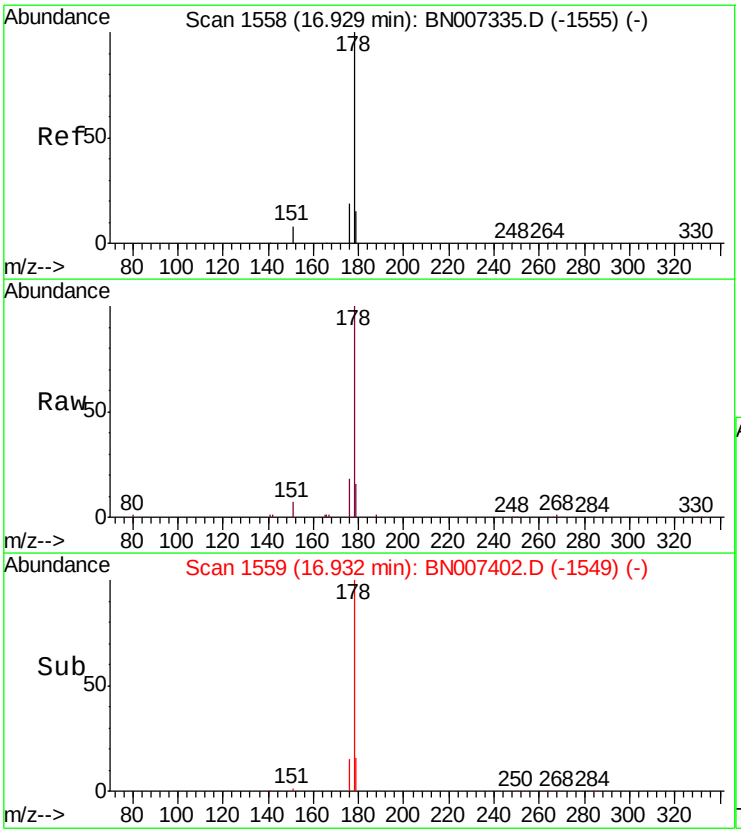
#23
Phenanthrene
Concen: 0.394 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 27007

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.2	12.6	19.0

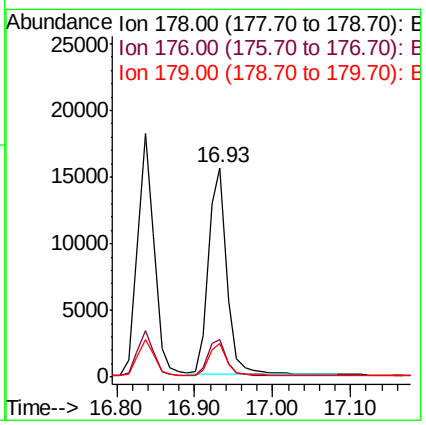


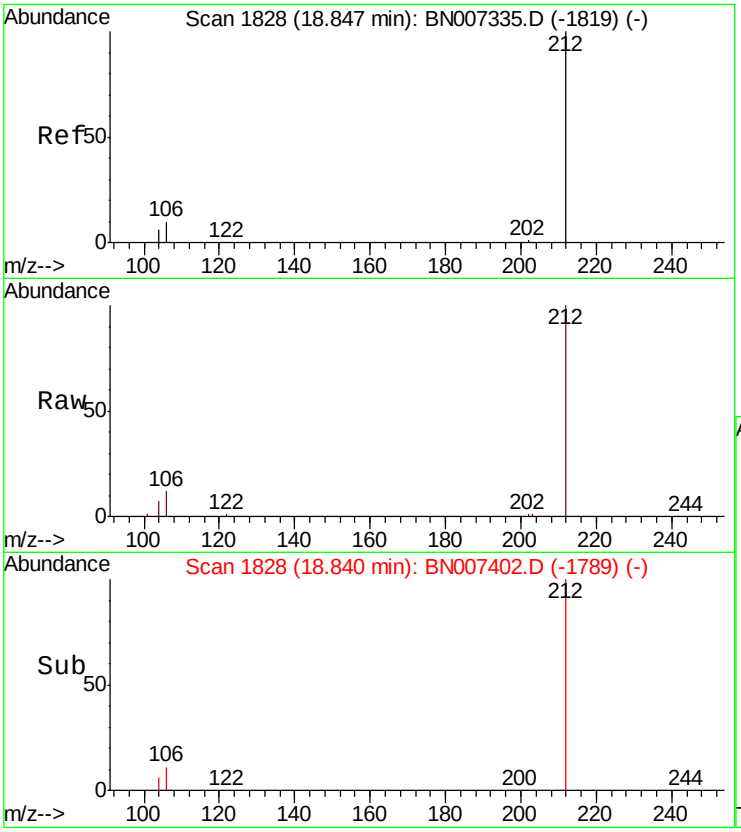


#24
Anthracene
Concen: 0.369 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:178 Resp: 25416

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.3	12.4	18.6



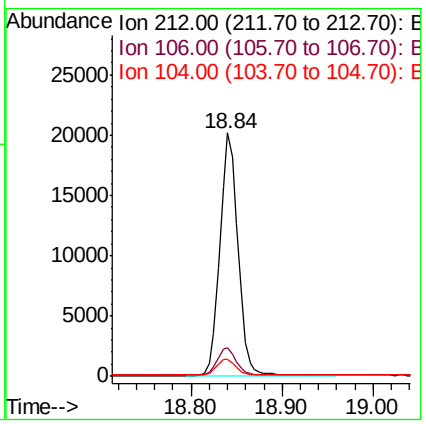


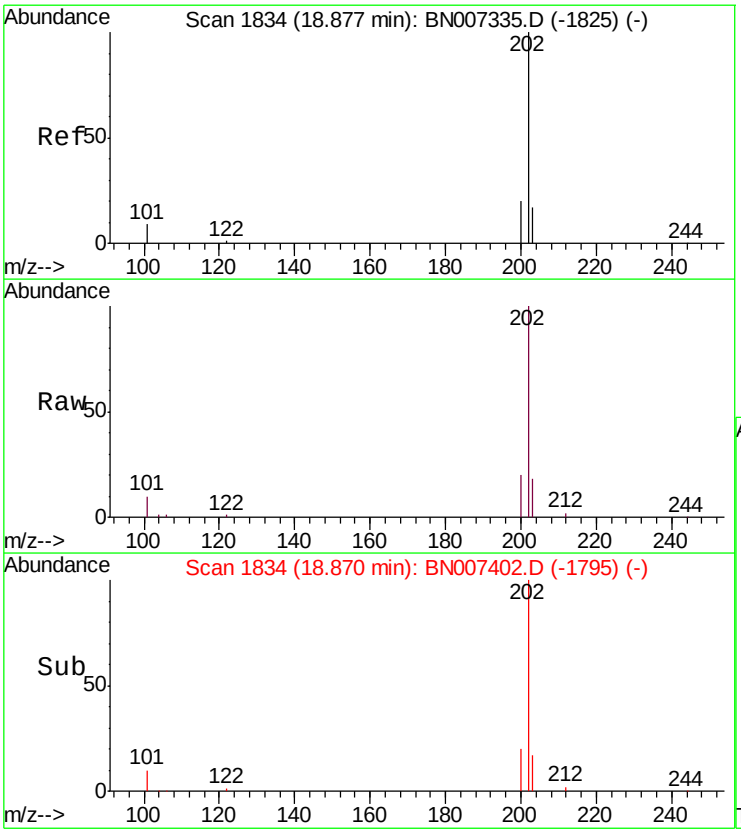
#25
Fluoranthene-d10
Concen: 0.378 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 27725

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.0	13.4
104	6.7	5.4	8.2

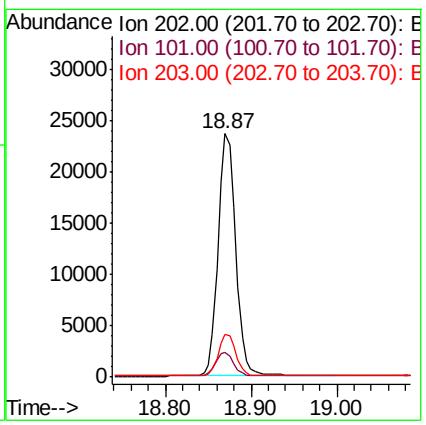


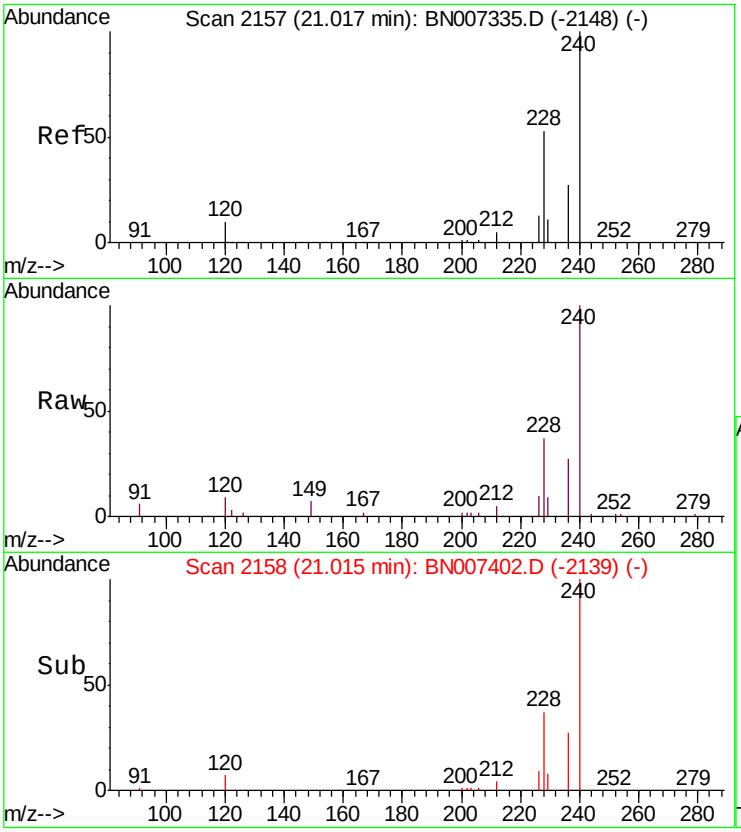


#26
Fluoranthene
Concen: 0.385 ng
RT: 18.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:202 Resp: 33920

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.7	11.5
203	17.0	13.7	20.5



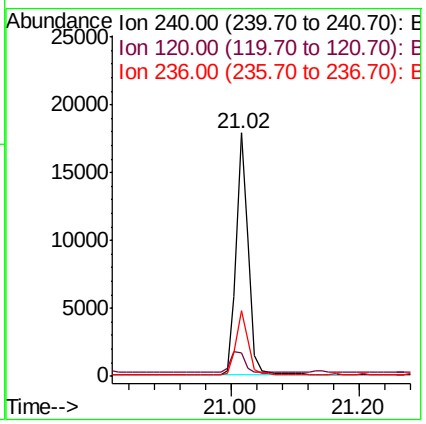


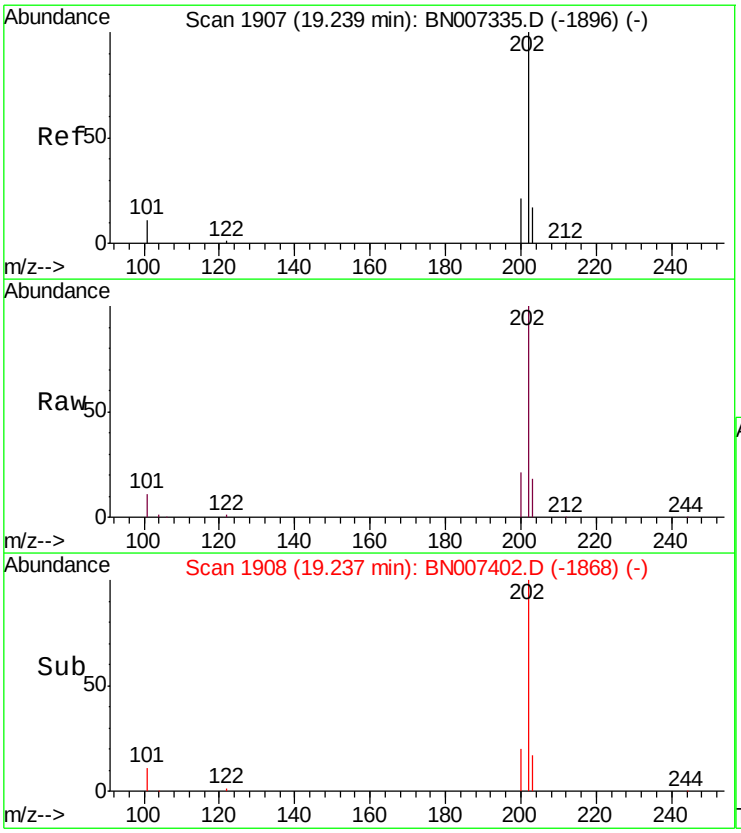
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 23203

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.6	14.4#
236	27.2	22.2	33.2

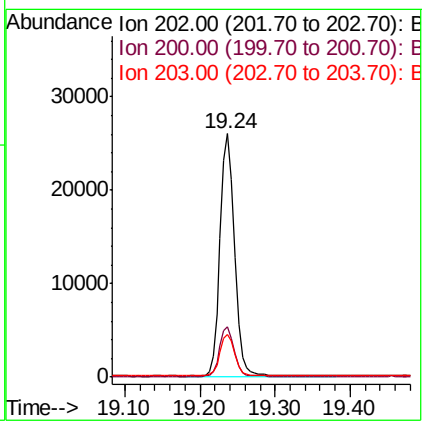


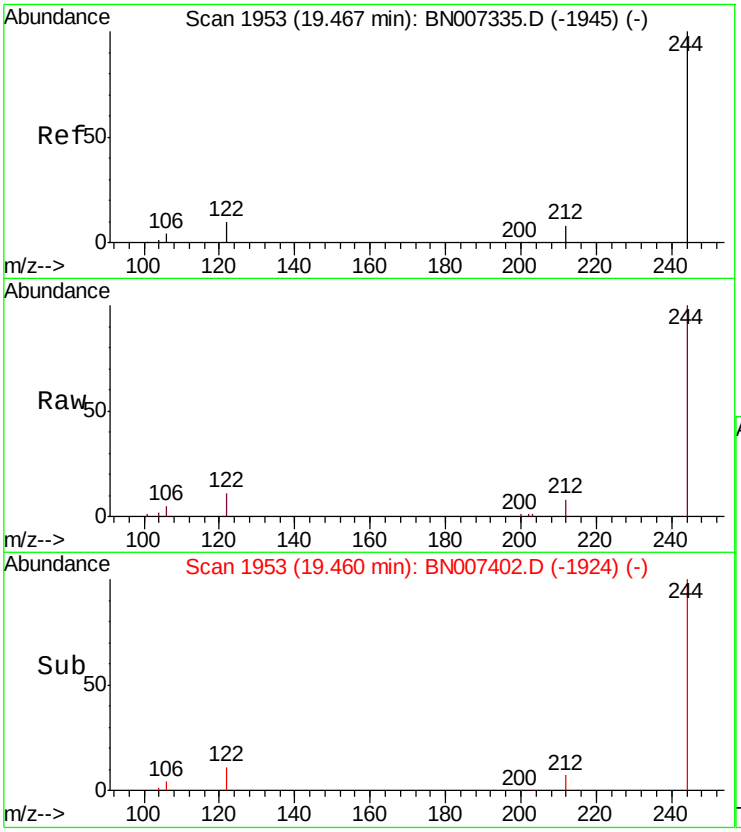


#28
Pyrene
Concen: 0.376 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:202 Resp: 35110

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	25.0
203	17.8	14.2	21.4



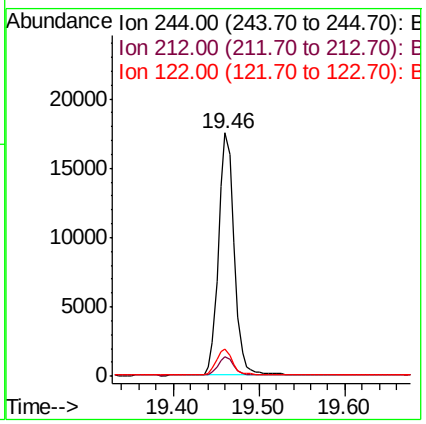


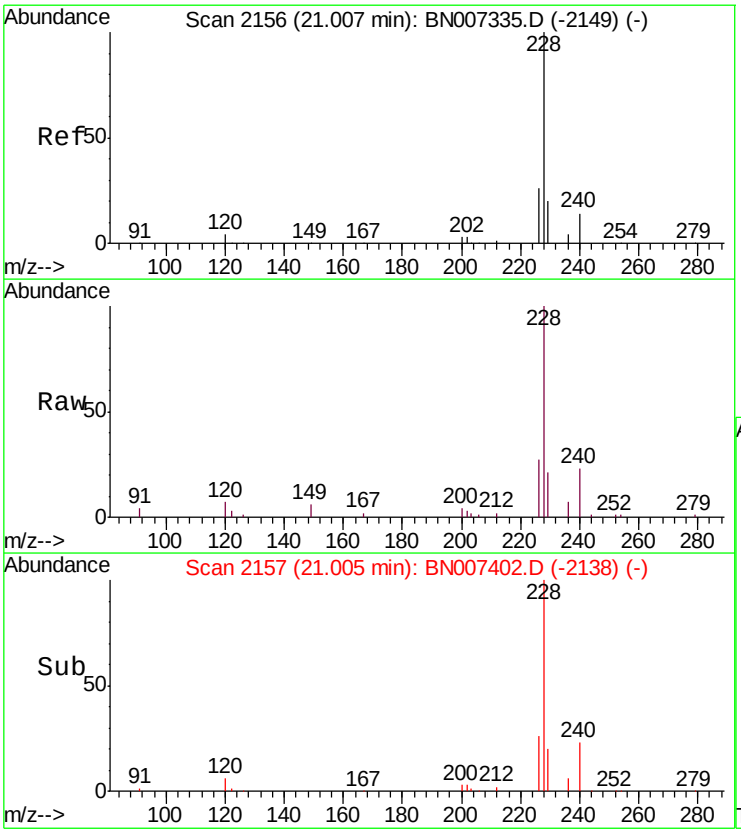
#29
Terphenyl-d14
Concen: 0.368 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 22334

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.6
122	11.2	9.6	14.4

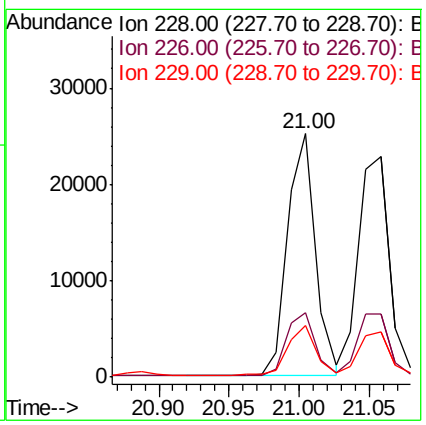


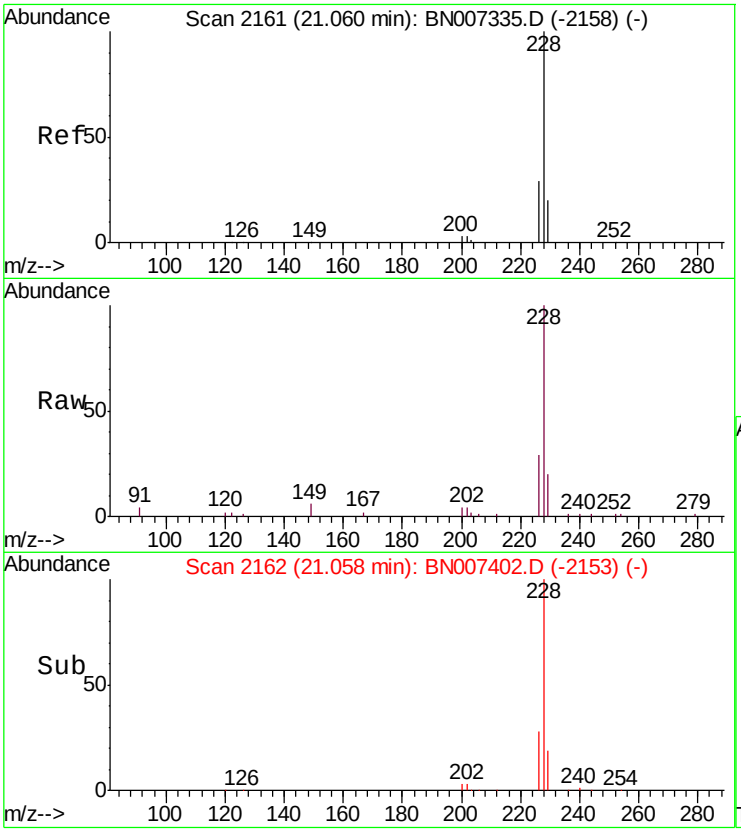


#30
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:228 Resp: 34908

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	21.0	16.1	24.1



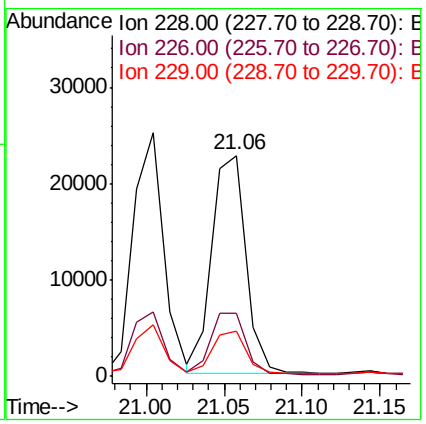


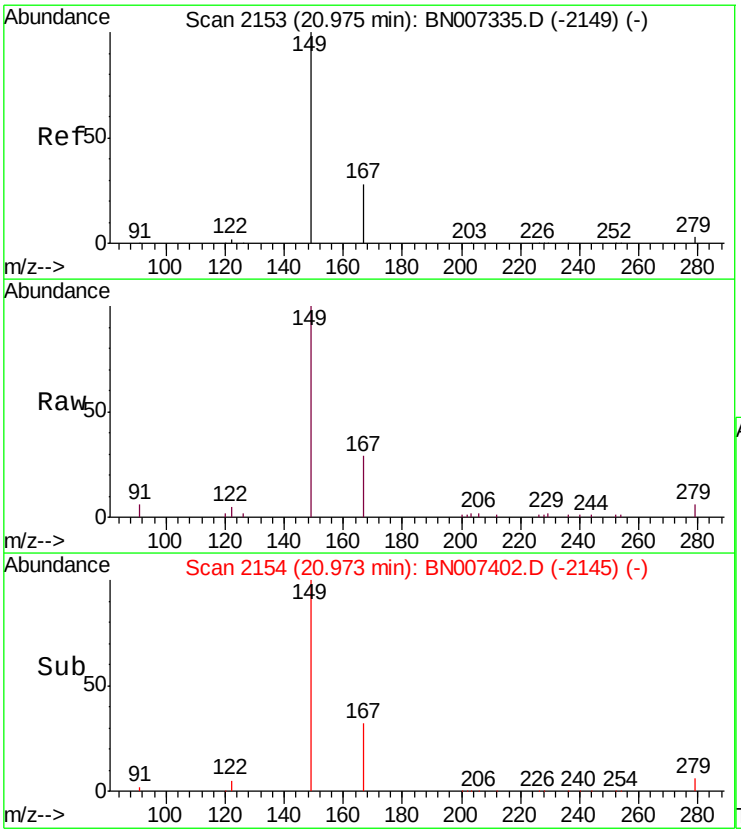
#31
Chrysene
Concen: 0.391 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 34397

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.5	35.3
229	20.4	16.6	24.8

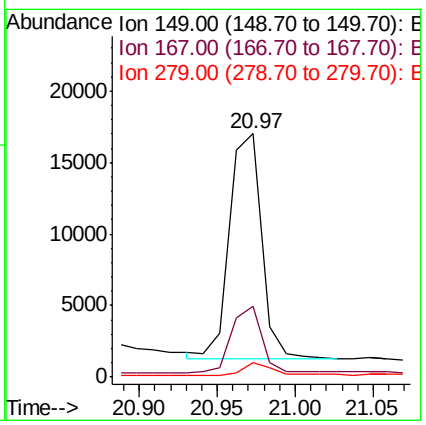


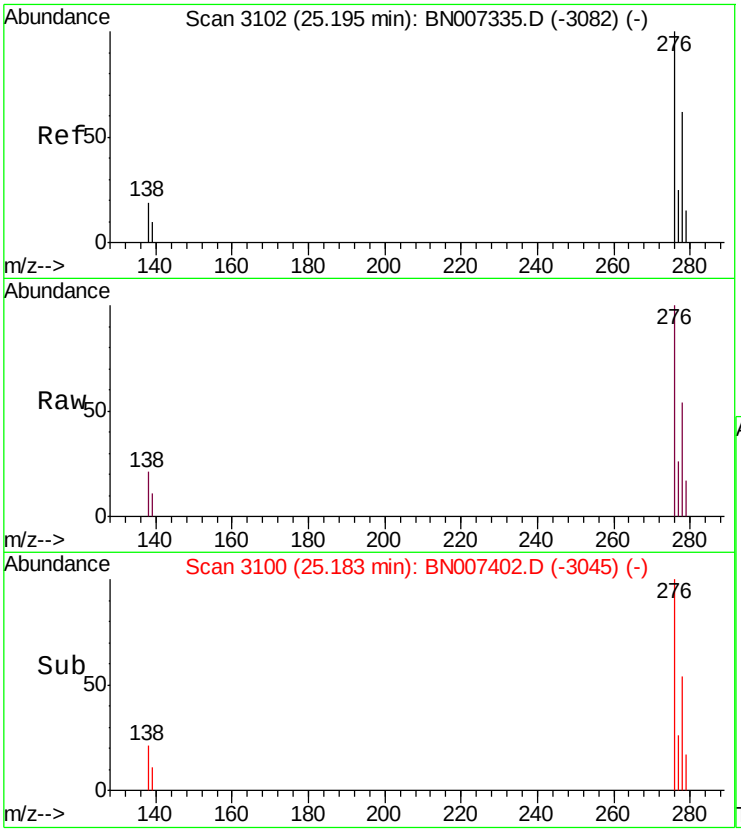


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:149 Resp: 22505

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	4.8	3.5	5.3



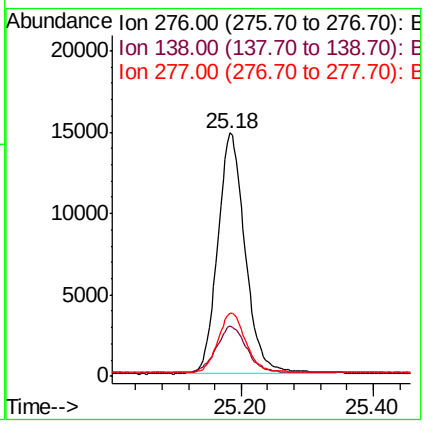


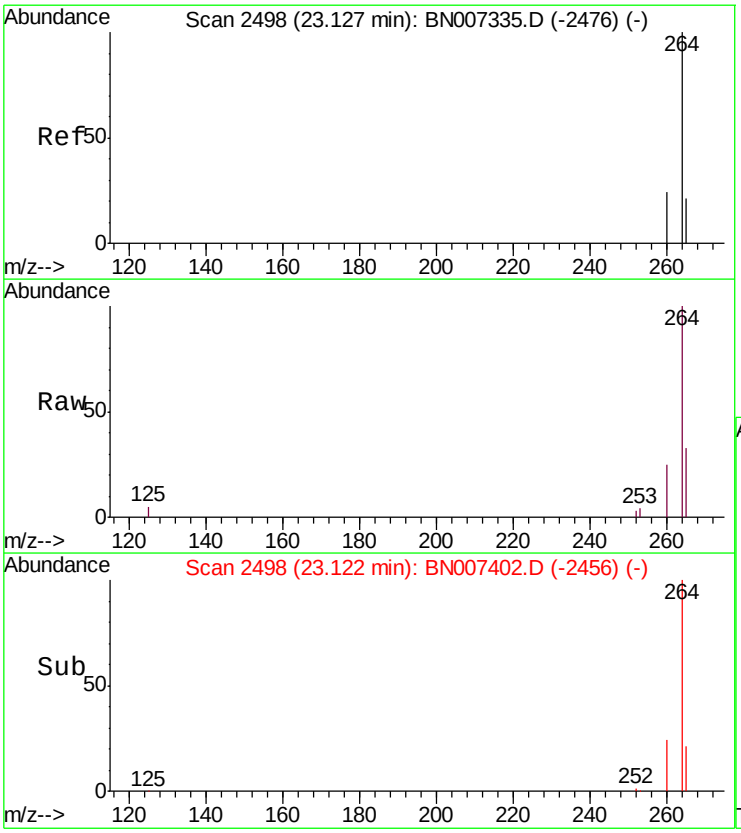
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 42750

Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.1	22.7
277	24.6	19.7	29.5

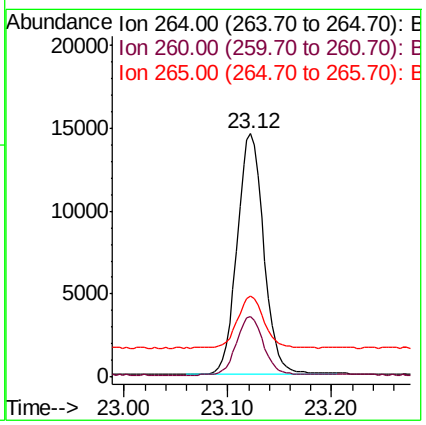


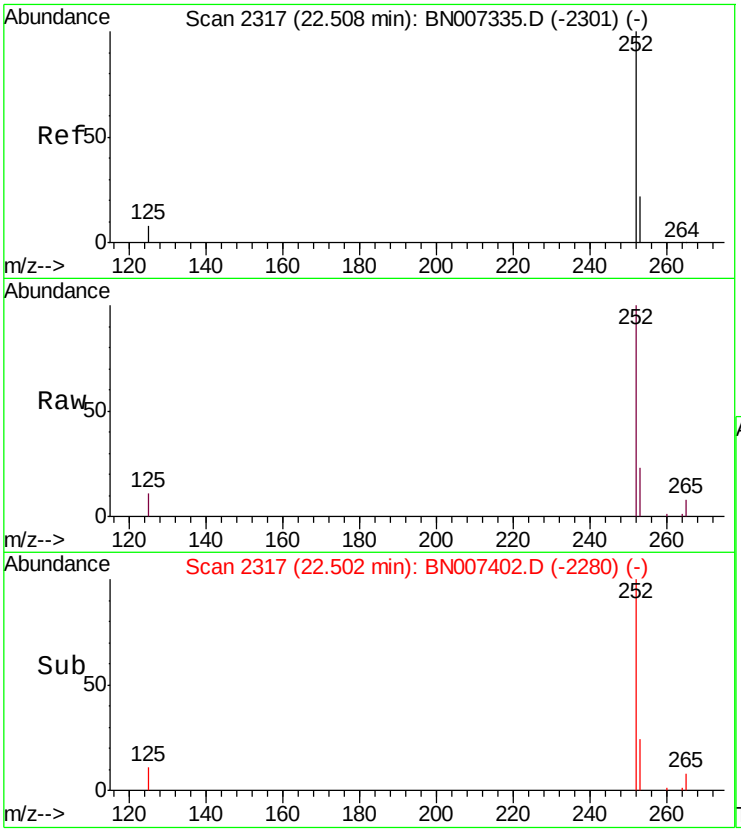


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:264 Resp: 25913

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	33.1	29.9	44.9



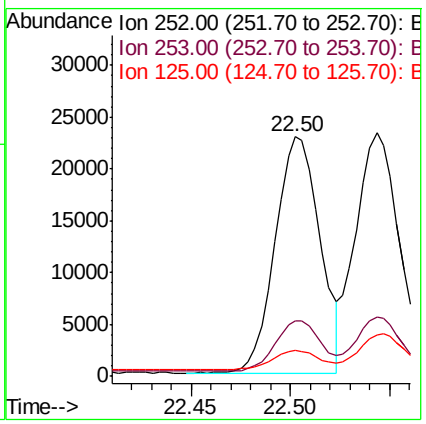


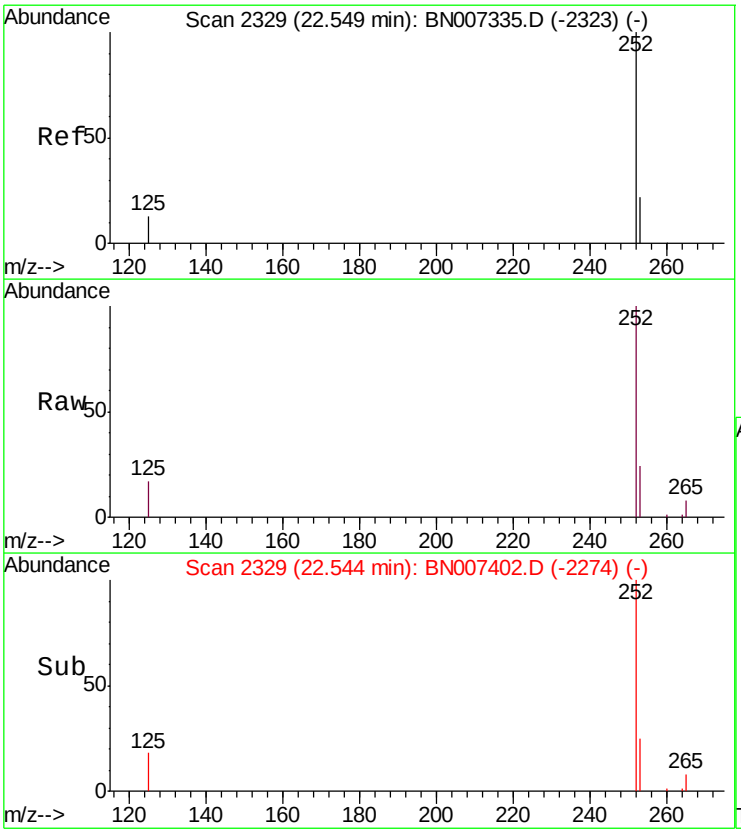
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 22.50 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 35692

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	11.1	10.6	16.0

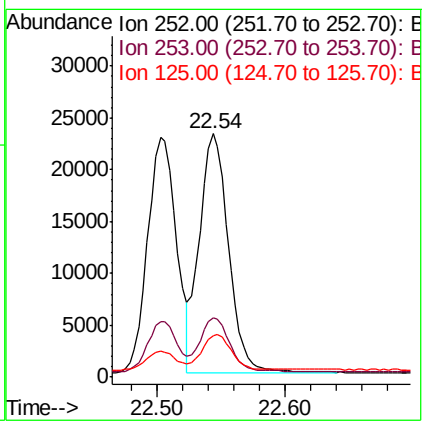


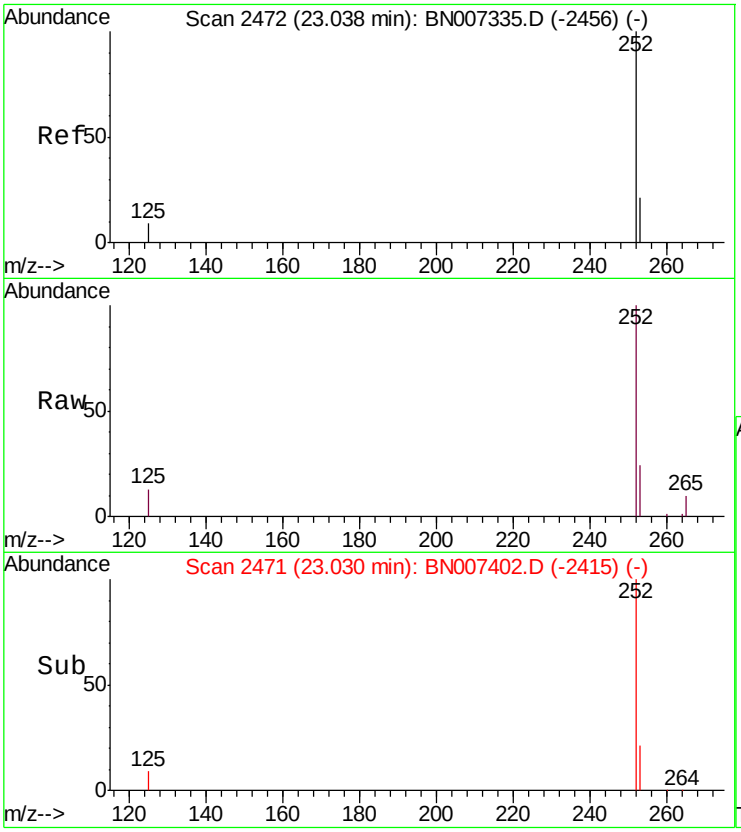


#36
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 22.54 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:252 Resp: 36523

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.2
125	17.3	13.1	19.7



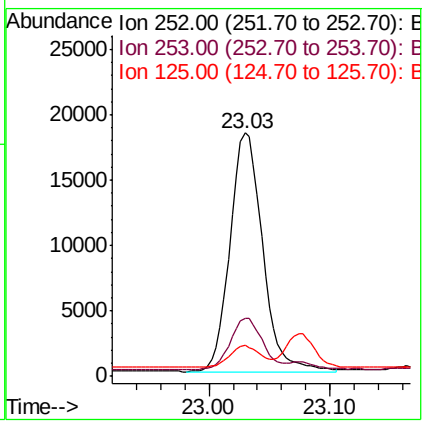


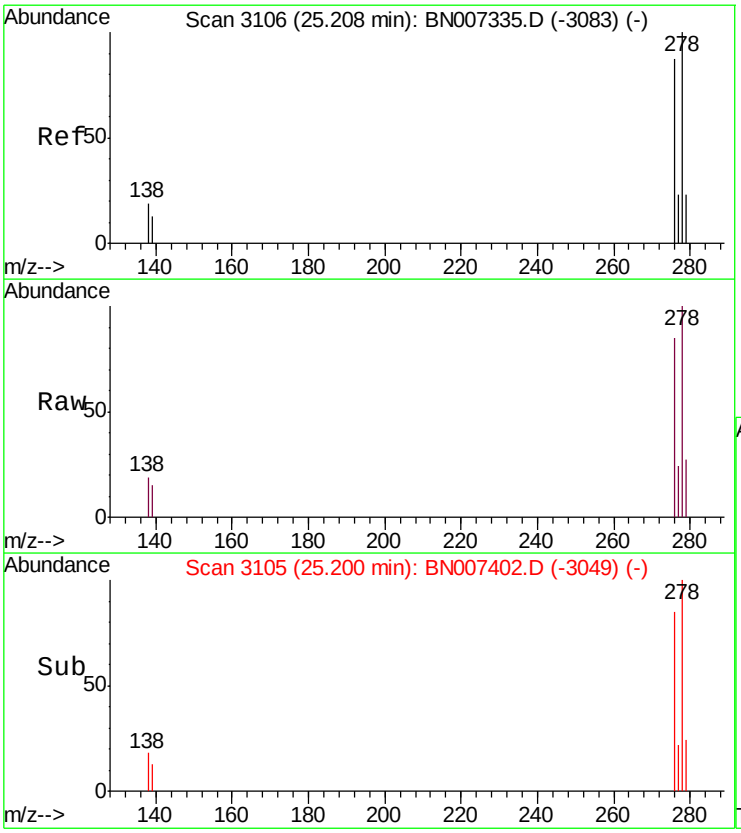
#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 34250

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.5	29.3
125	12.6	12.1	18.1

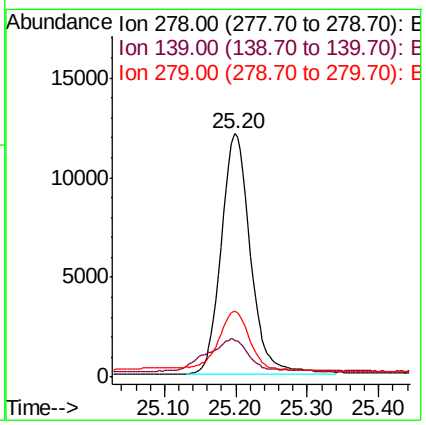


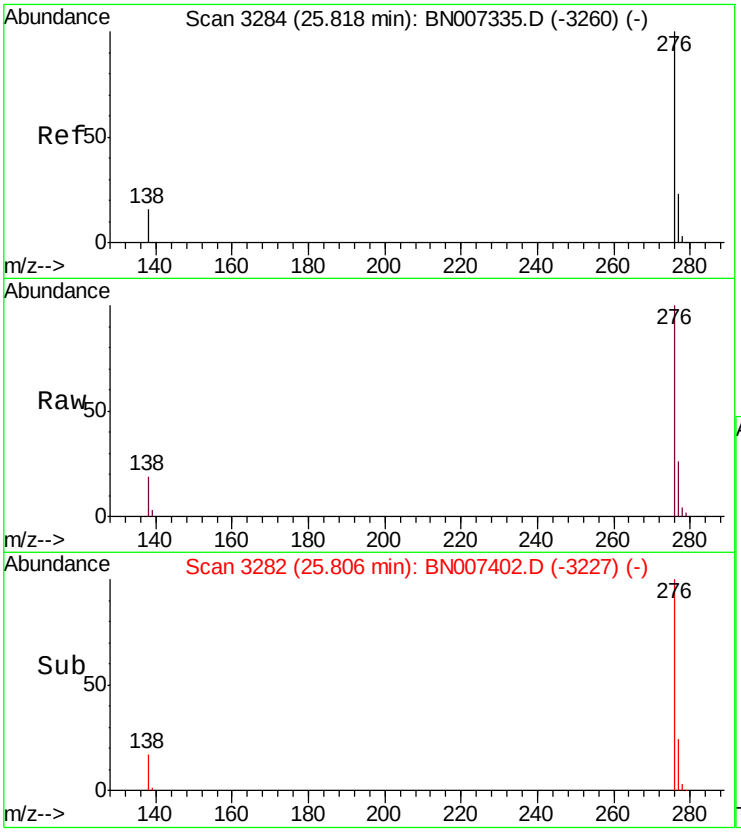


#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 25.20 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:278 Resp: 34279

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.7	20.5
279	26.9	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.395 ng
RT: 25.81 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 35114

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.6	29.4
138	18.9	16.3	24.5