Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\
Data File : BN007358.D
Acq On : 24 Aug 2019 10:01
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 24 22:49:47 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	5698	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	23689	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	12881	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	27912	0.40	ng		0.00
27) Chrysene-d12	21.02	240	28272	0.40	ng		0.00
34) Perylene-d12	23.13	264	31014	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	7804	0.39	ng		0.00
5) Phenol-d6	6.59	99	9610	0.38	ng		0.00
8) Nitrobenzene-d5	8.53	82	8147	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	16373	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2789	0.41	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	21487	0.41	ng		0.00
25) Fluoranthene-d10	18.84	212	38847	0.43	ng		0.00
29) Terphenyl-d14	19.47	244	30720	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	3490	0.369	ng	#	81
3) n-Nitrosodimethylamine	3.32	42	1597	0.363	ng	#	89
6) bis(2-Chloroethyl)ether	6.84	93	8031	0.390	ng		98
9) Naphthalene	10.20	128	27997	0.414	ng	#	91
10) Hexachlorobutadiene	10.51	225	5775	0.416	ng	#	97
12) 2-Methylnaphthalene	11.83	142	18952	0.411	ng		98
16) Acenaphthylene	13.76	152	33596	0.441	ng		100
17) Acenaphthene	14.11	154	18607	0.417	ng		97
18) Fluorene	15.10	166	24214	0.429	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	4560	0.414	ng		96
21) Hexachlorobenzene	16.11	284	8435	0.451	ng		96
22) Pentachlorophenol	16.46	266	2751	0.473	ng	#	64
23) Phenanthrene	16.84	178	36567	0.436	ng		100
24) Anthracene	16.93	178	35337	0.418	ng		98
26) Fluoranthene	18.87	202	46484	0.431	ng		100
28) Pyrene	19.24	202	47353	0.416	ng		100
30) Benzo(a)anthracene	21.00	228	46953	0.423	ng		98
31) Chrysene	21.06	228	45840	0.428	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	29121	0.386	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	53663	0.416	ng		99
35) Benzo(b)fluoranthene	22.55	252	46753	0.416	ng		99
36) Benzo(k)fluoranthene	22.55	252	46753	0.421	ng	#	96
37) Benzo(a)pyrene	23.04	252	43914	0.411	ng	#	96
38) Dibenzo(a,h)anthracene	25.21	278	43527	0.408	ng		96
39) Benzo(g,h,i)perylene	25.81	276	43905	0.413	ng		98

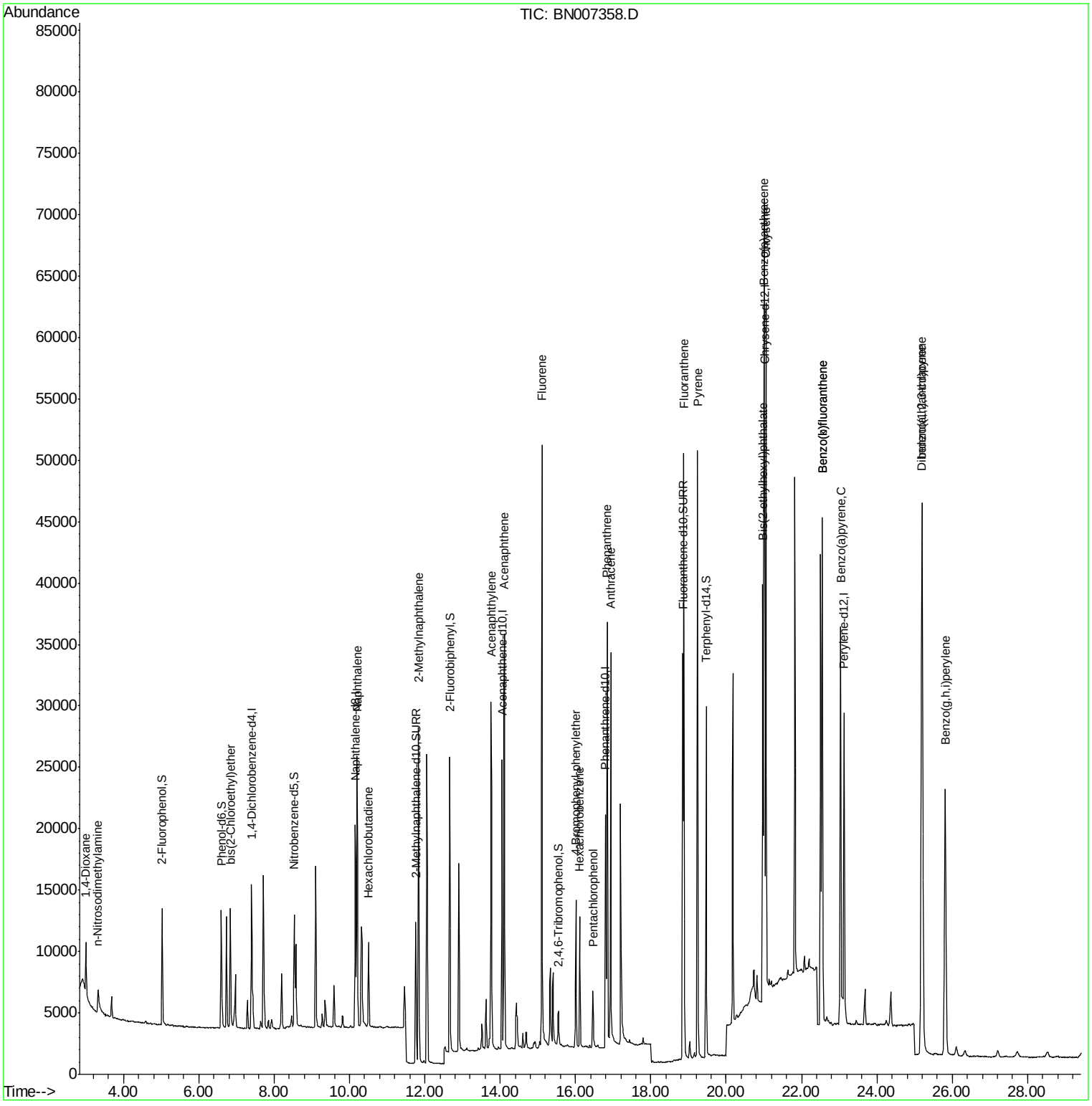
(#) = qualifier out of range (m) = manual integration (+) = signals summed

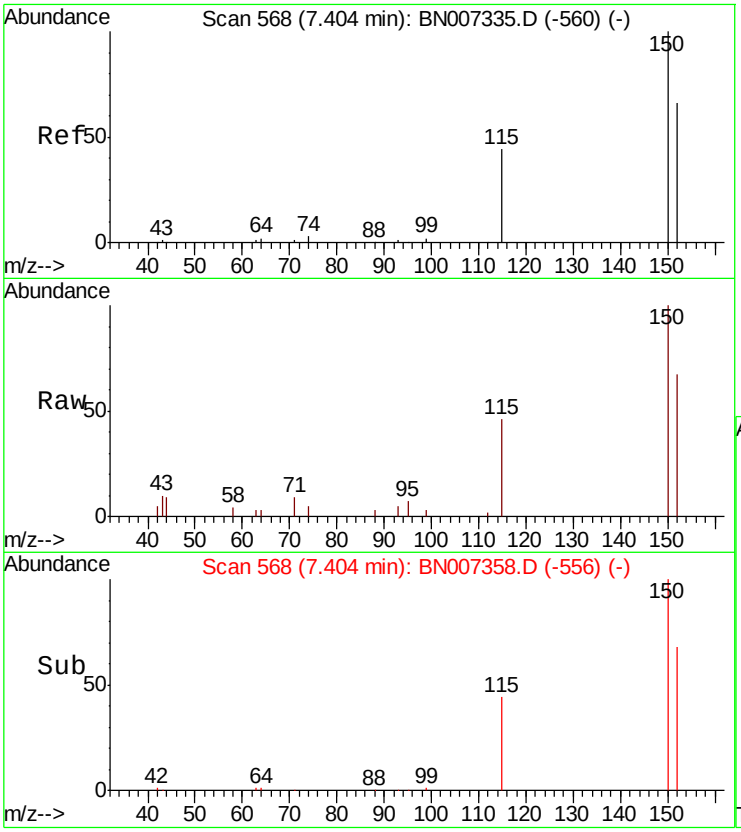
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\
Data File : BN007358.D
Acq On : 24 Aug 2019 10:01
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 24 22:49:47 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



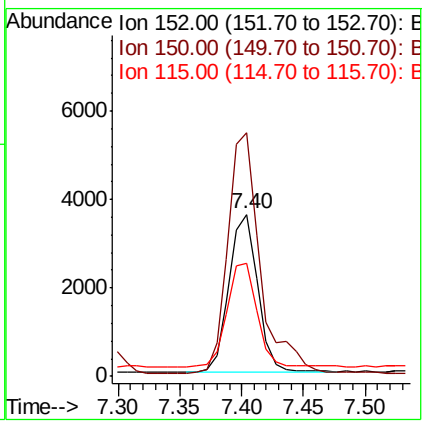


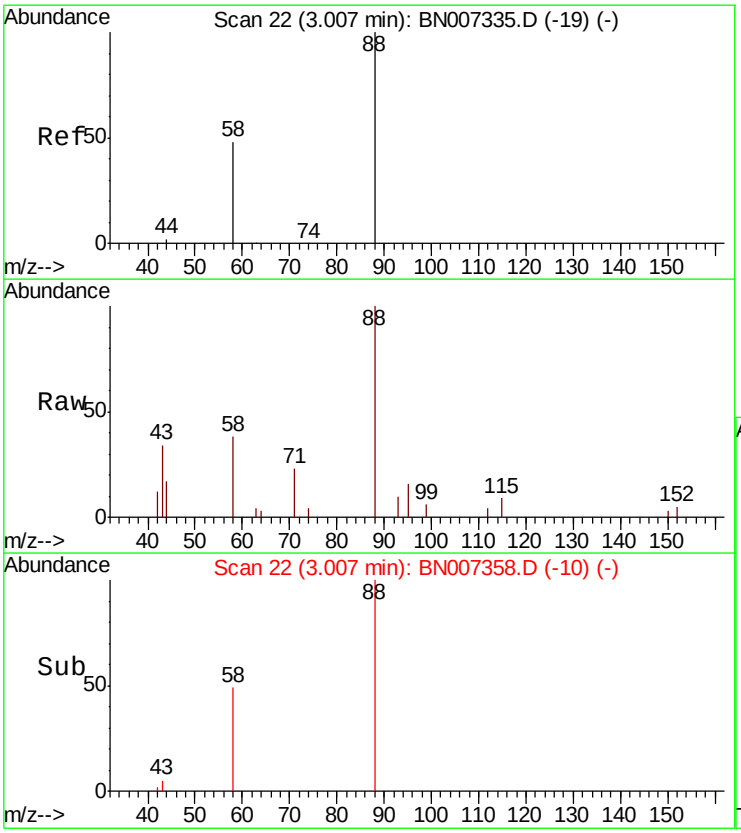
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5698

Ion	Ratio	Lower	Upper
152	100		
150	150.1	109.1	163.7
115	69.5	59.6	89.4

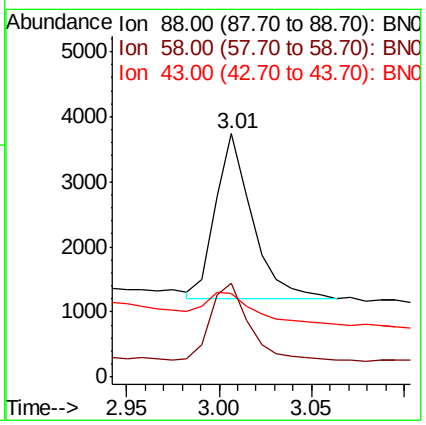


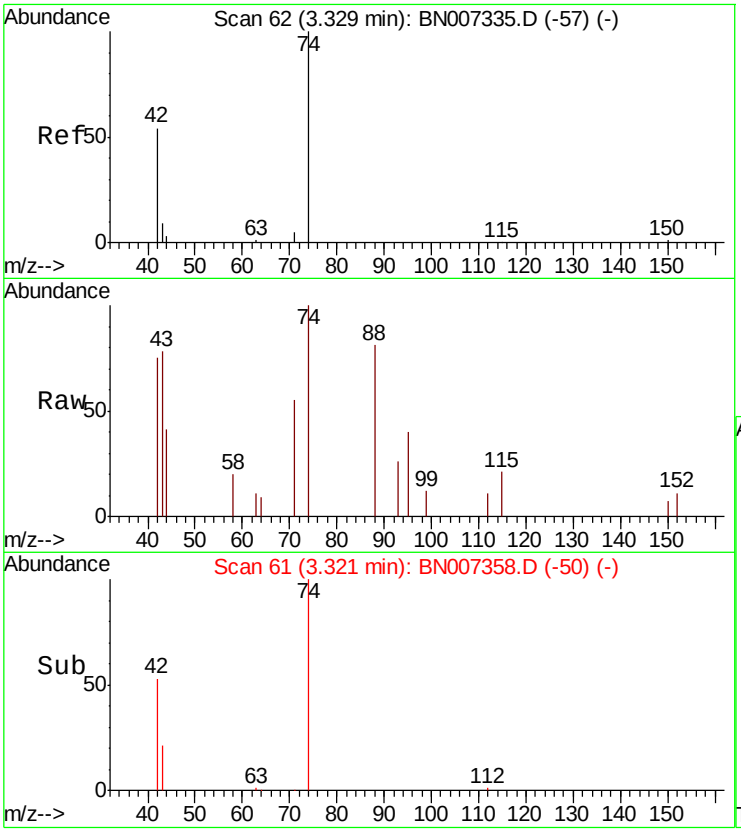


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion: 88 Resp: 3490

Ion	Ratio	Lower	Upper
88	100		
58	48.1	50.5	75.7#
43	27.3	0.0	0.0#



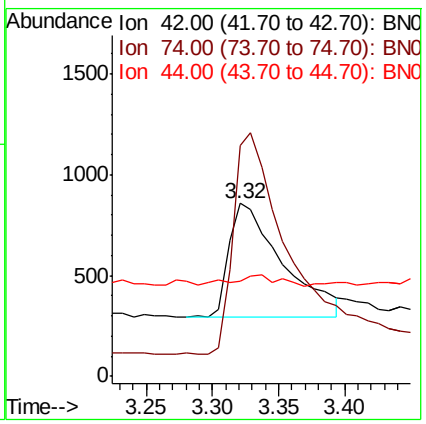


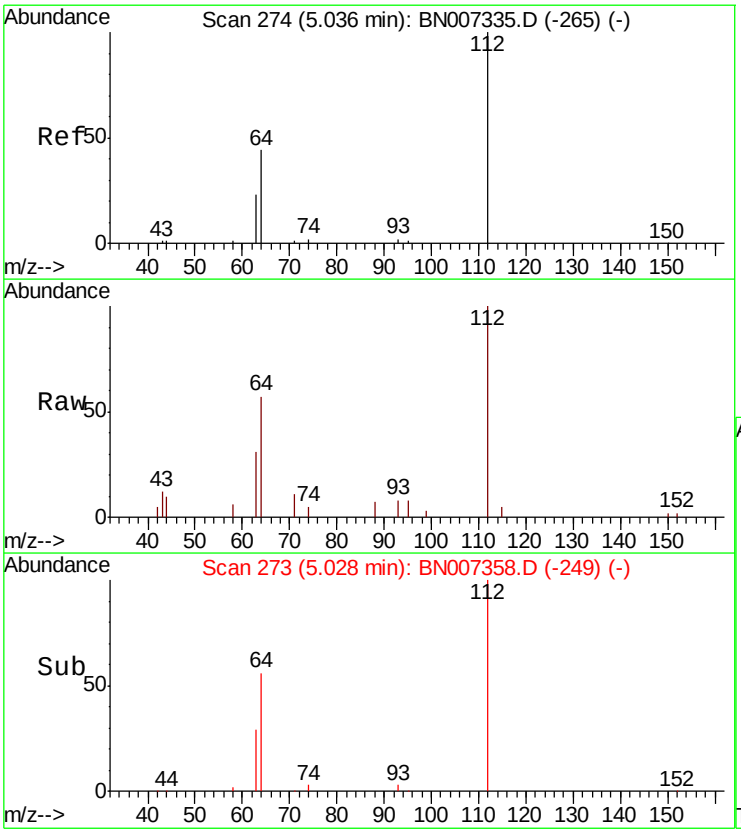
#3
n-Nitrosodimethylamine
Concen: 0.363 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1597

Ion	Ratio	Lower	Upper
42	100		
74	196.2	144.7	217.1
44	7.7	3.2	4.8#

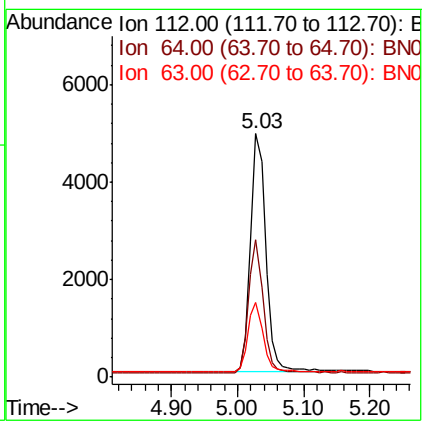


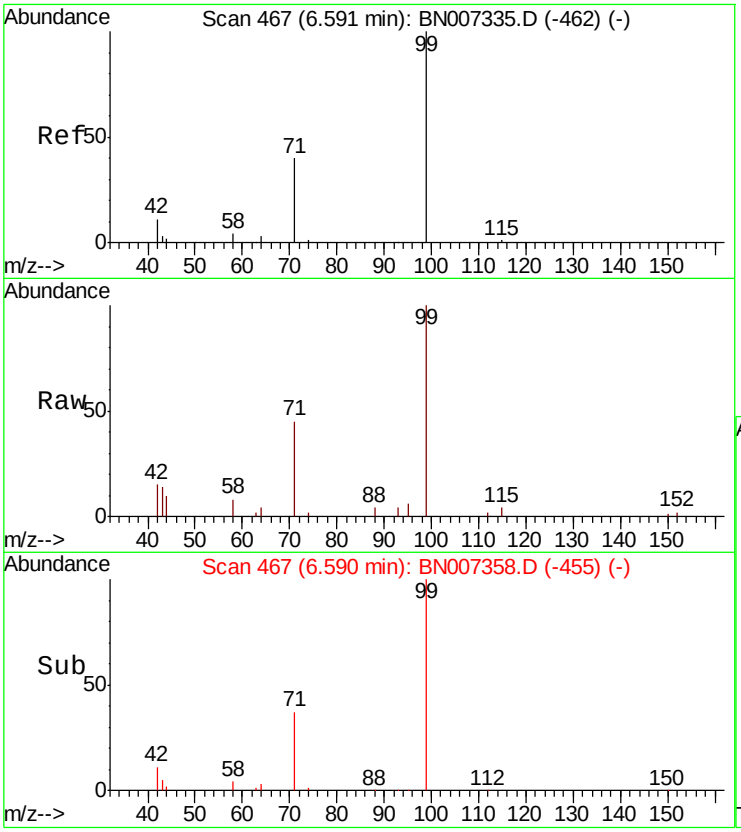


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:112 Resp: 7804

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.3	63.5
63	28.5	23.6	35.4



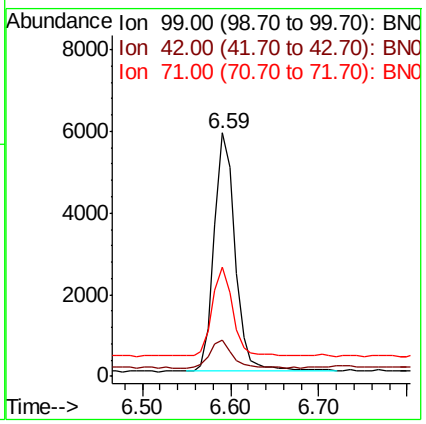


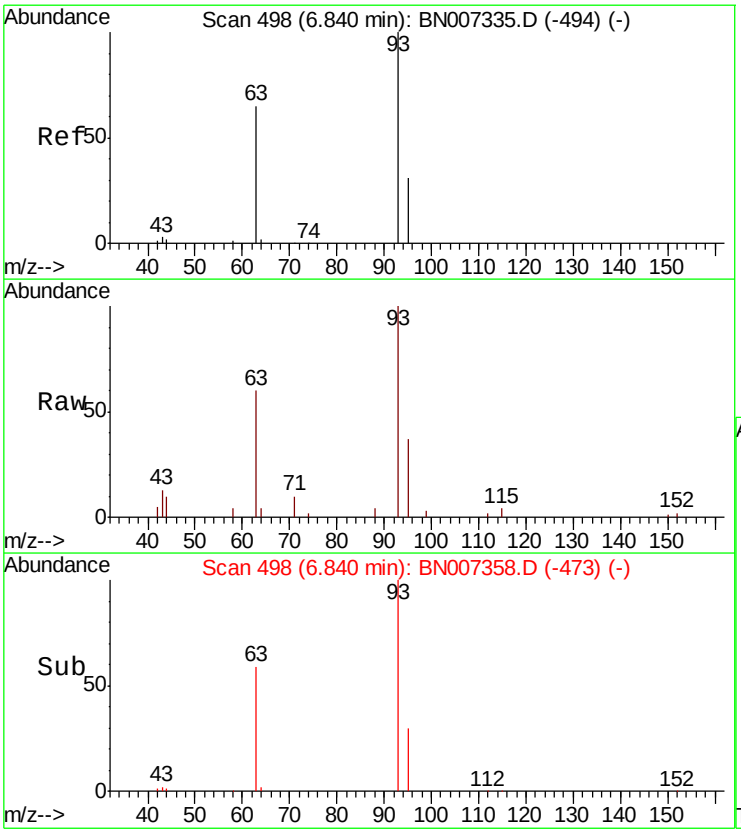
#5
Phenol-d6
Concen: 0.381 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 9610

Ion	Ratio	Lower	Upper
99	100		
42	12.7	11.2	16.8
71	35.7	31.8	47.8

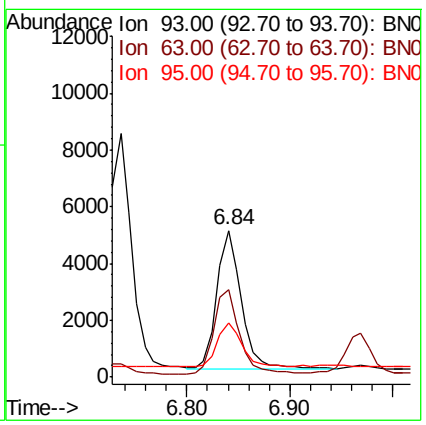


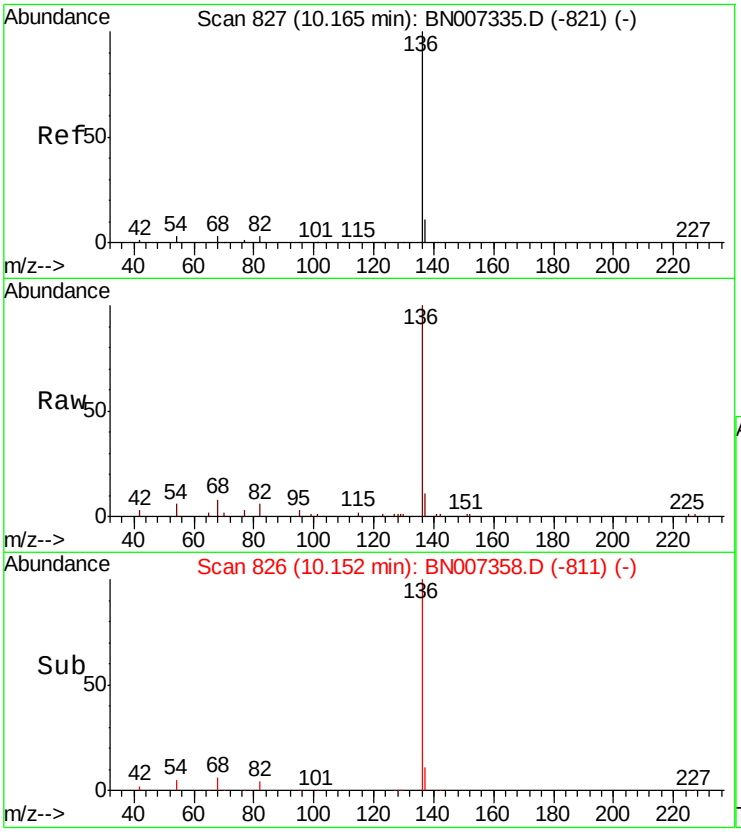


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion: 93 Resp: 8031

Ion	Ratio	Lower	Upper
93	100		
63	63.5	51.9	77.9
95	32.8	27.7	41.5



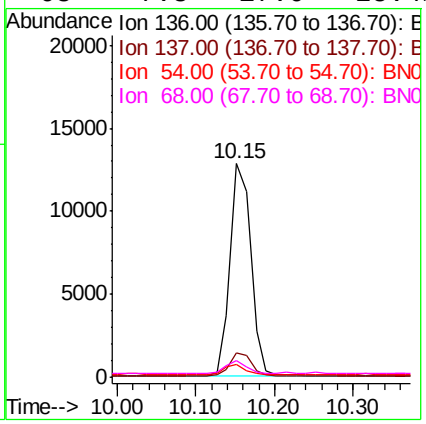


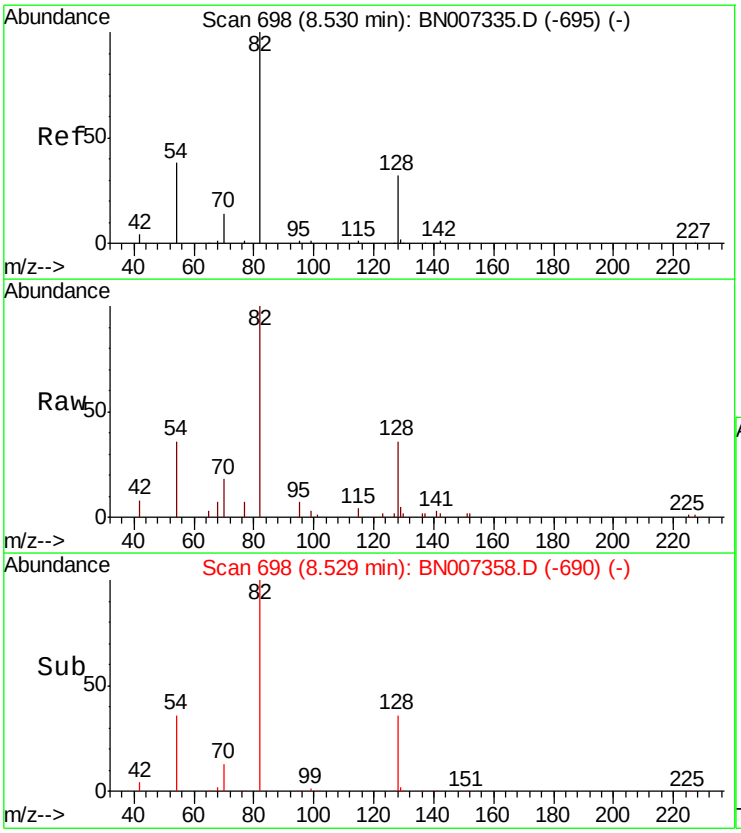
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 23689

Ion	Ratio	Lower	Upper
136	100		
137	11.4	12.9	19.3#
54	6.2	8.6	12.8#
68	7.8	17.0	25.4#

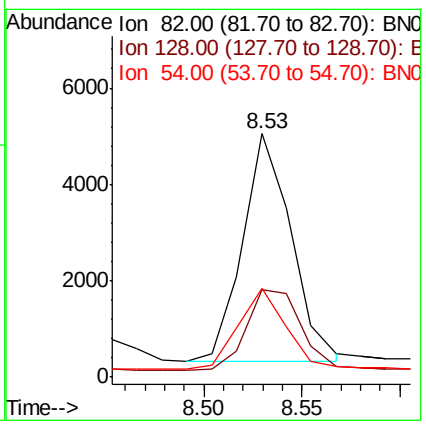


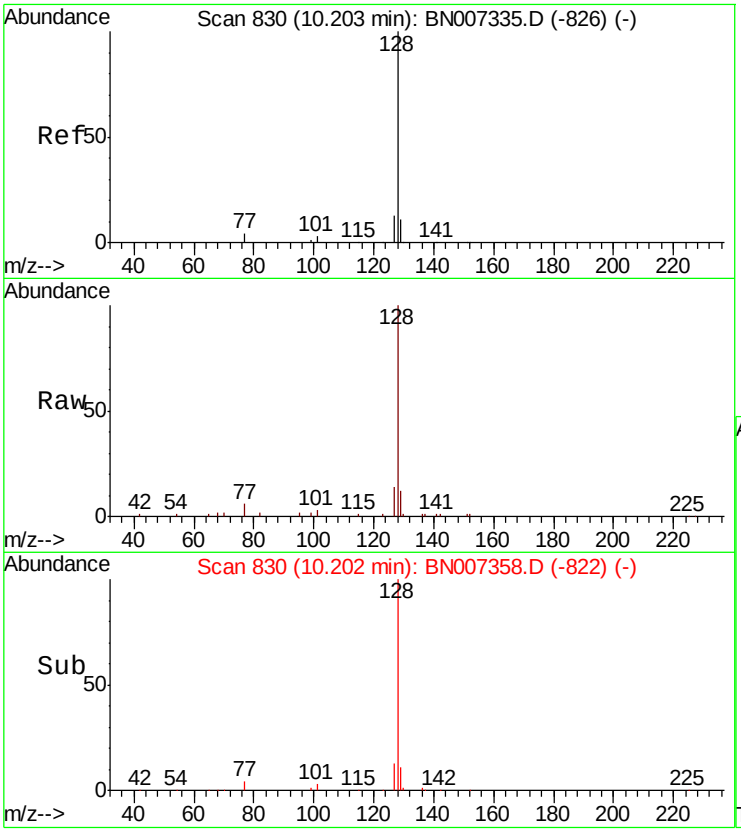


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion: 82 Resp: 8147

Ion	Ratio	Lower	Upper
82	100		
128	36.1	19.7	29.5#
54	36.3	25.8	38.6



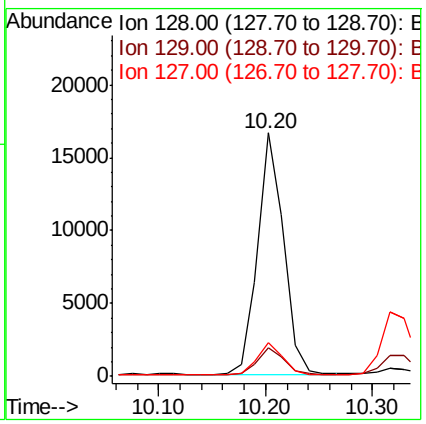


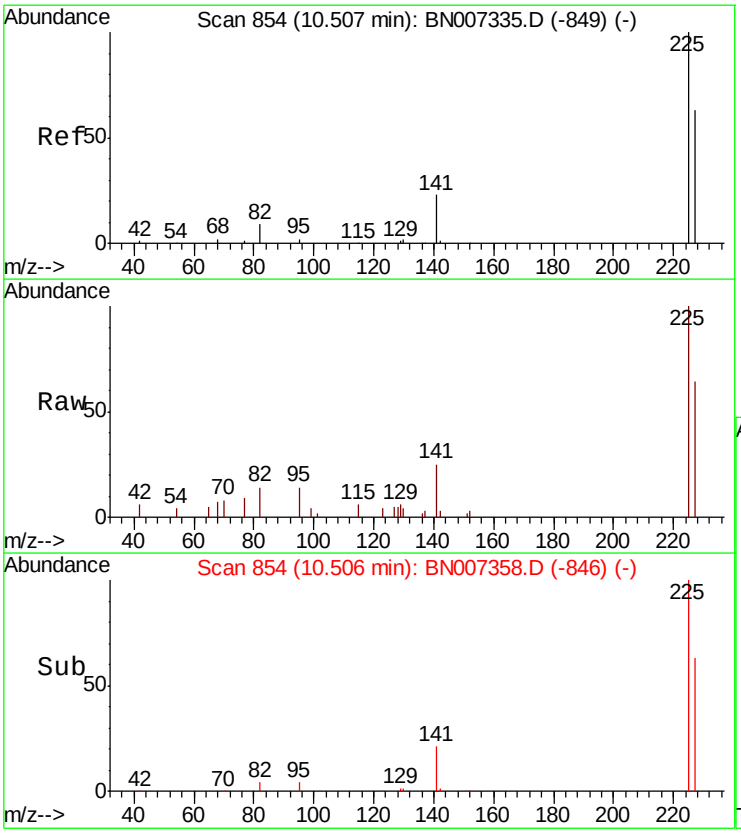
#9
Naphthalene
Concen: 0.414 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 27997

Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.1	16.7
127	14.0	15.5	23.3#

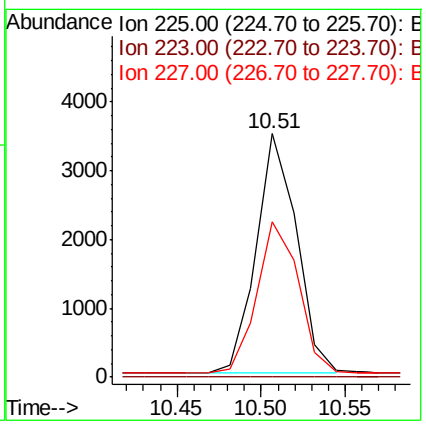


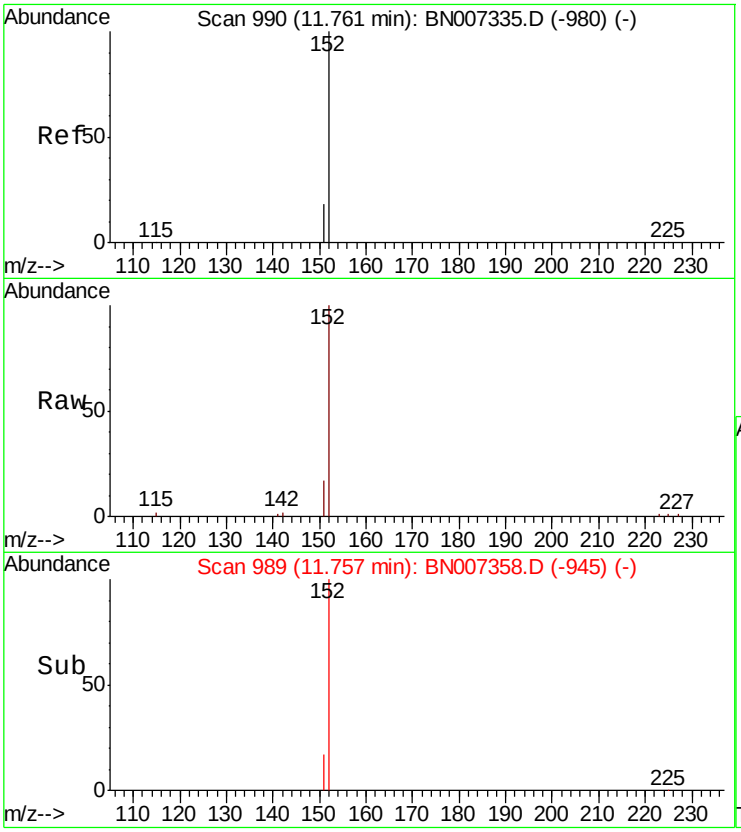


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:225 Resp: 5775

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.4	50.7	76.1



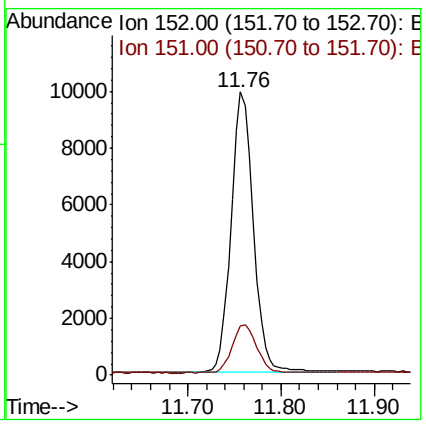


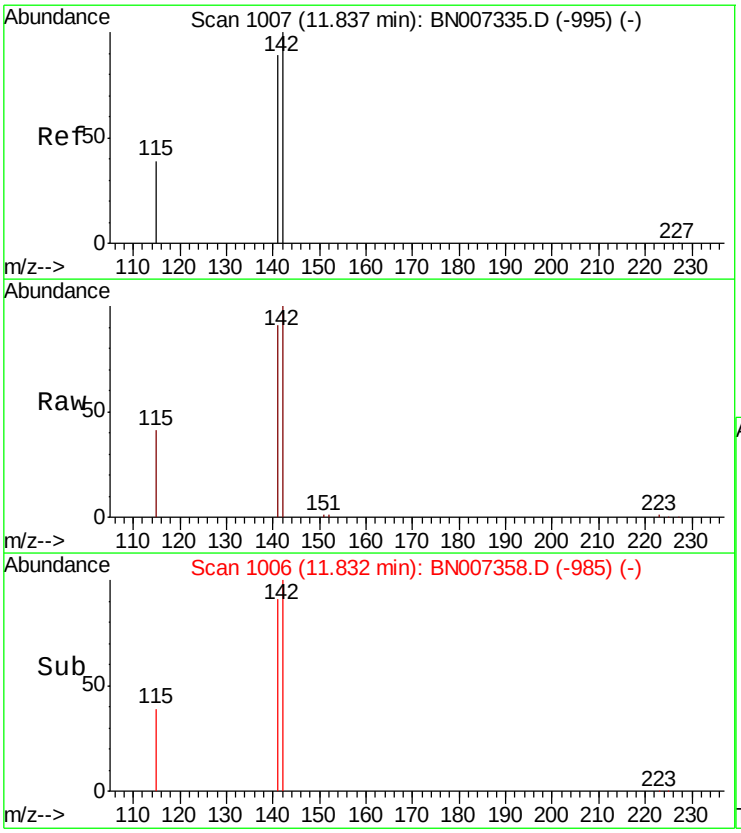
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16373

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.2

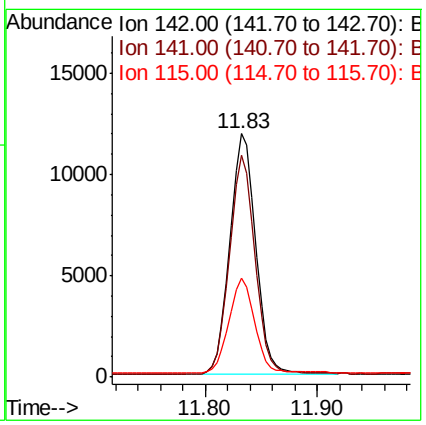


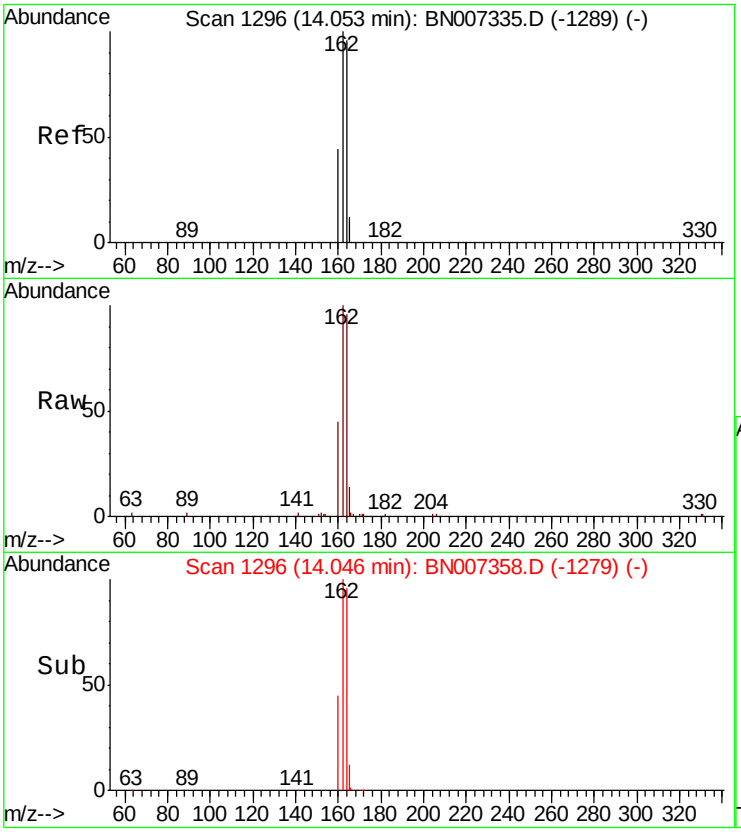


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:142 Resp: 18952

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.8	109.2
115	40.5	35.2	52.8



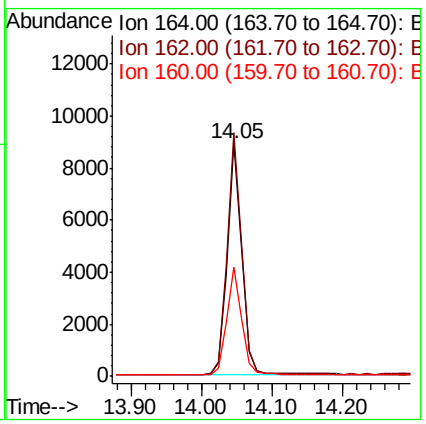


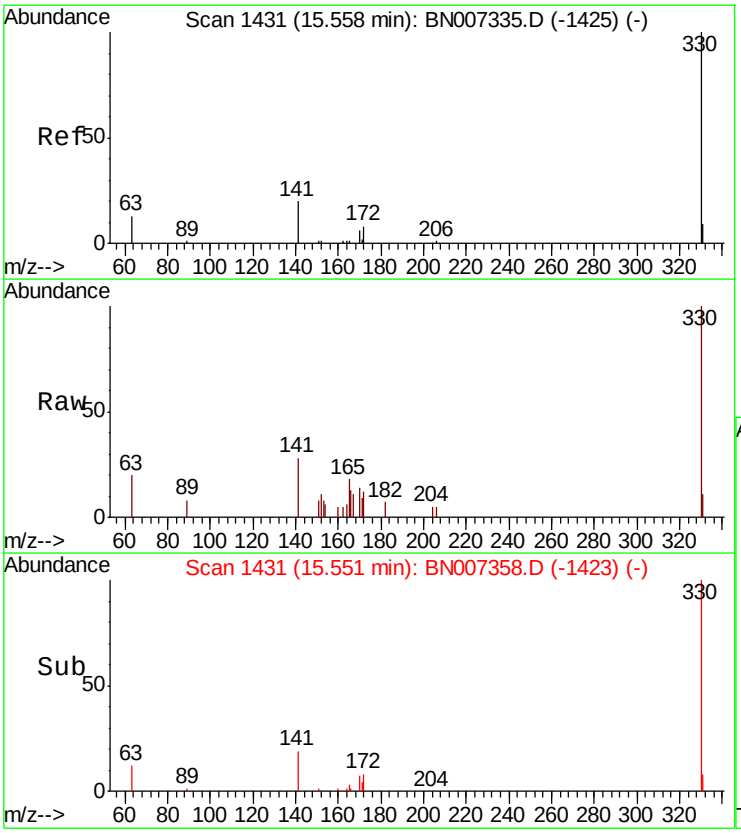
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 12881

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.5	125.3
160	46.8	38.2	57.4

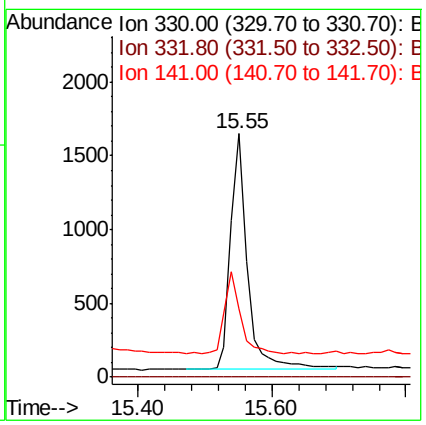


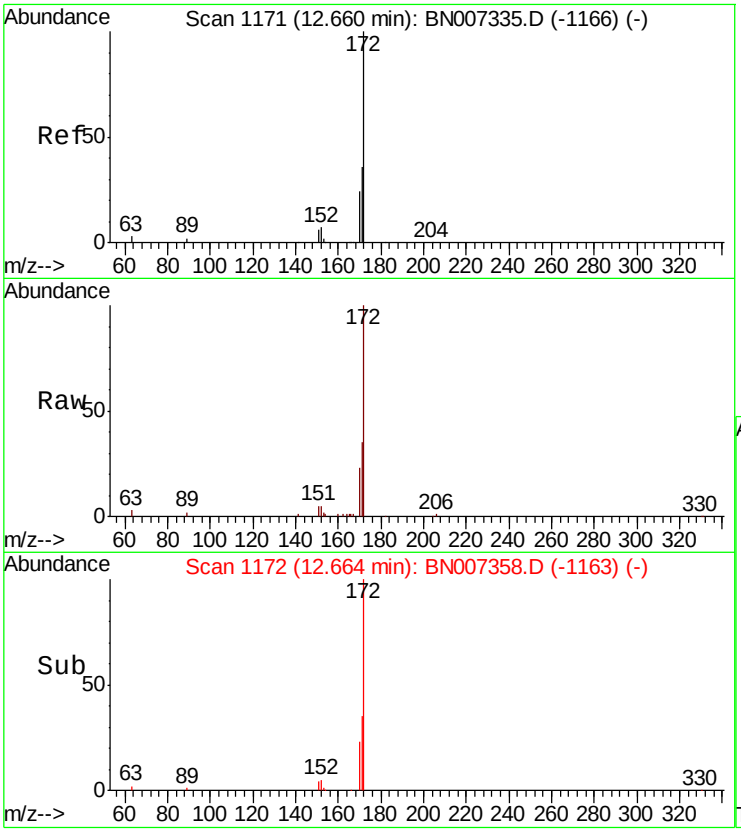


#14
2,4,6-Tribromophenol
Concen: 0.414 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:330 Resp: 2789

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.6	26.9	40.3



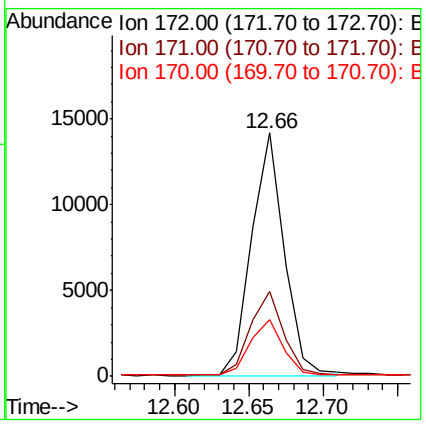


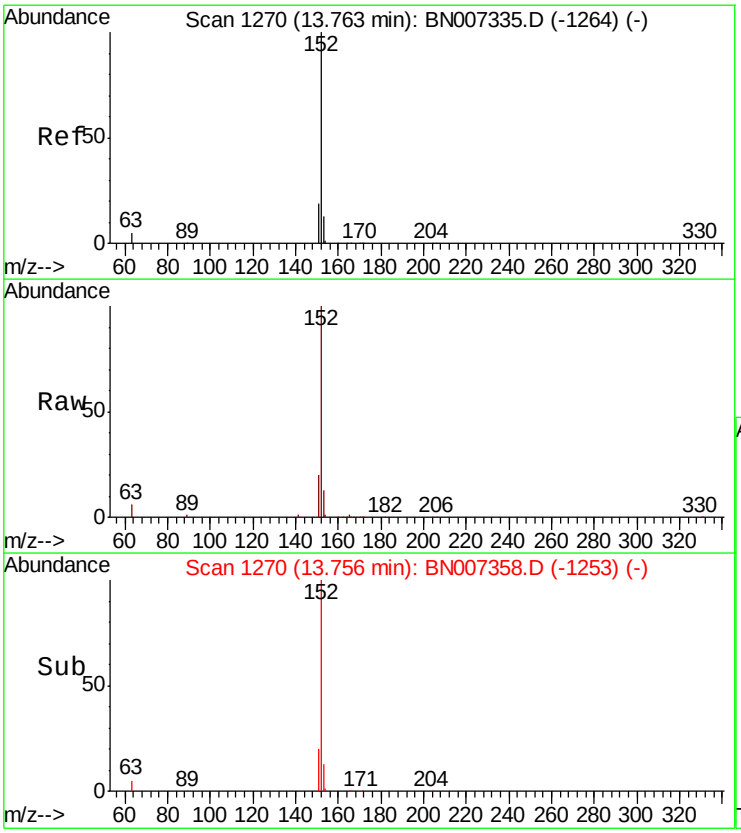
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 21487

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.3	45.5
170	23.1	20.7	31.1

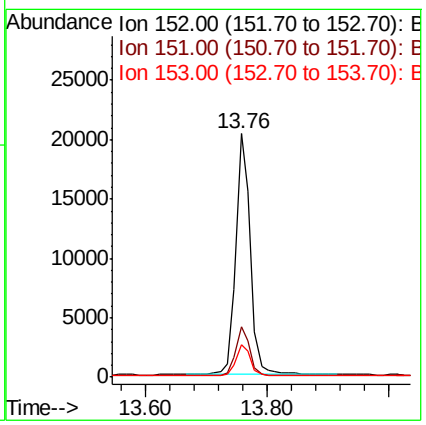


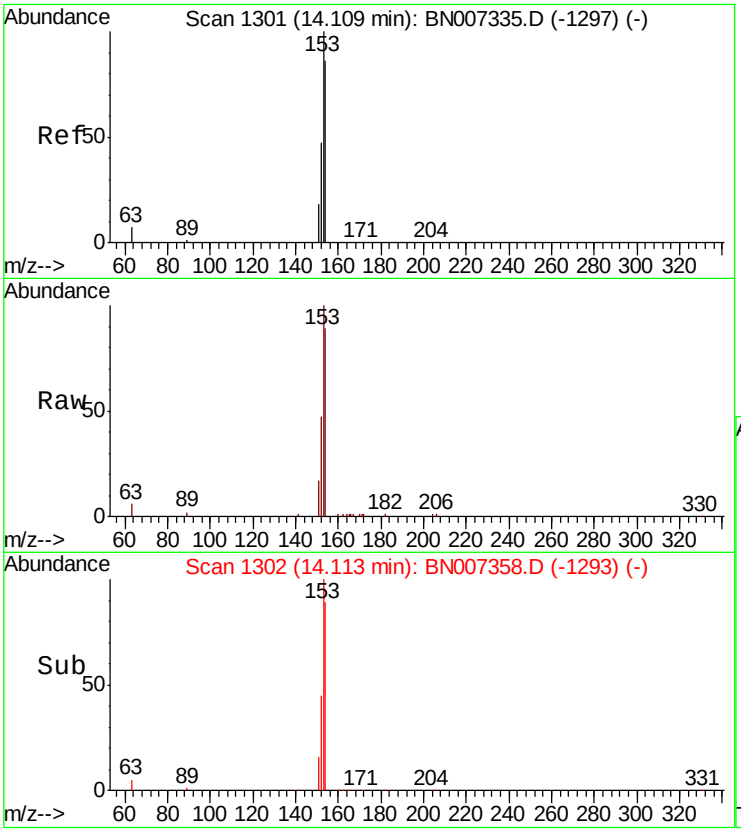


#16
Acenaphthylene
Concen: 0.441 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:152 Resp: 33596

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	12.9	10.6	15.8



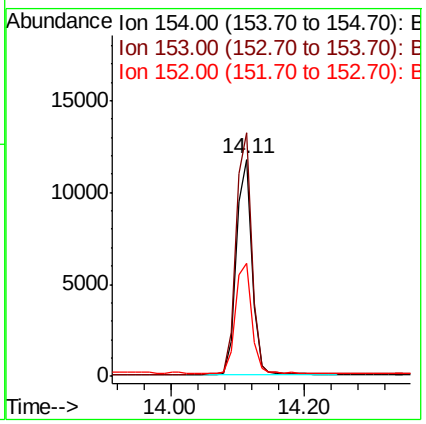


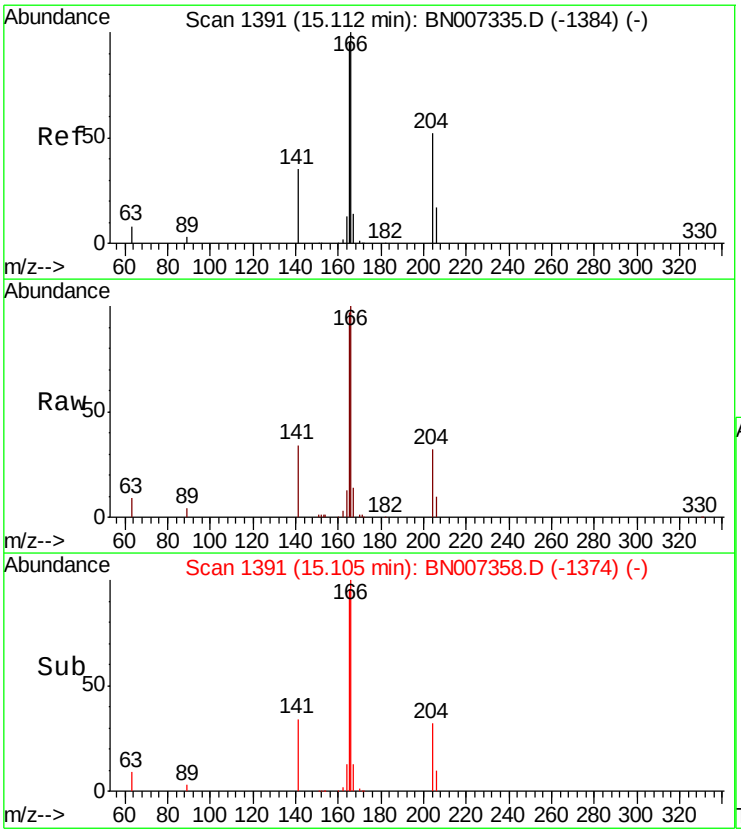
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 18607

Ion	Ratio	Lower	Upper
154	100		
153	112.4	92.8	139.2
152	53.0	43.8	65.8

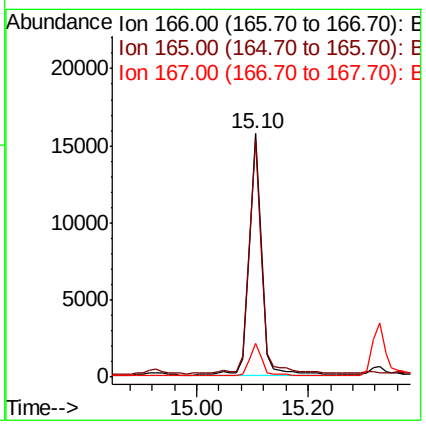


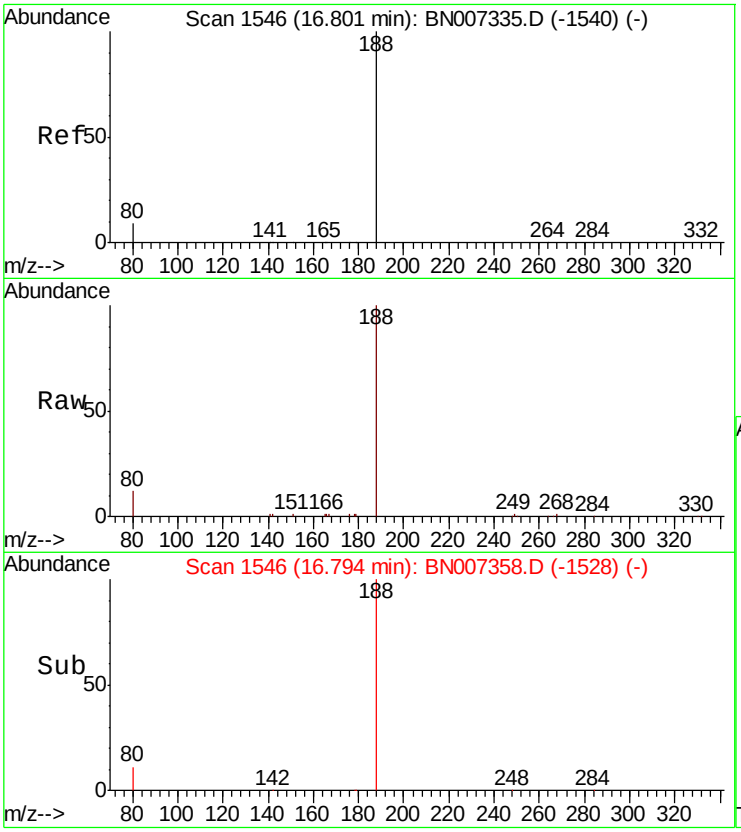


#18
Fluorene
Concen: 0.429 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:166 Resp: 24214

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.0	118.4
167	13.0	10.6	15.8



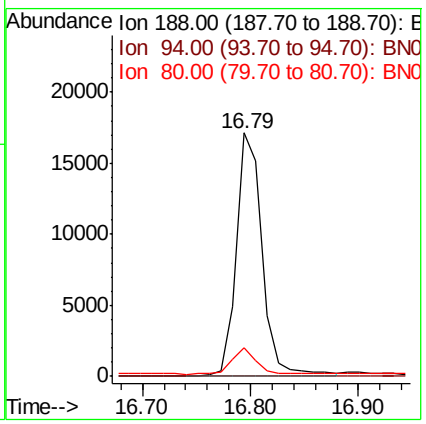


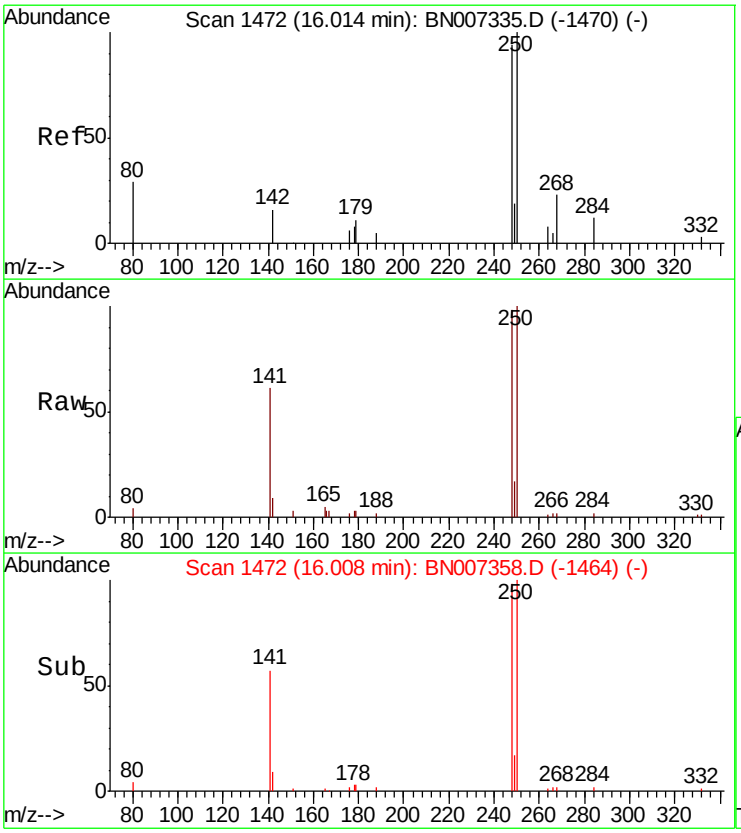
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 27912

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	11.8	17.8

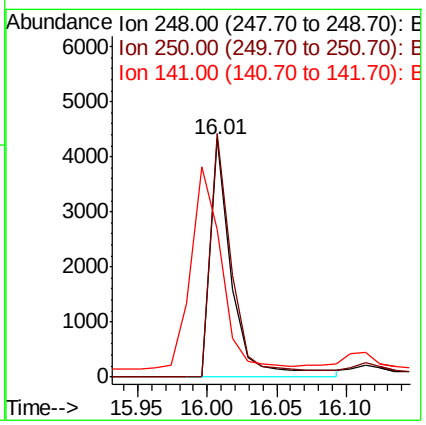


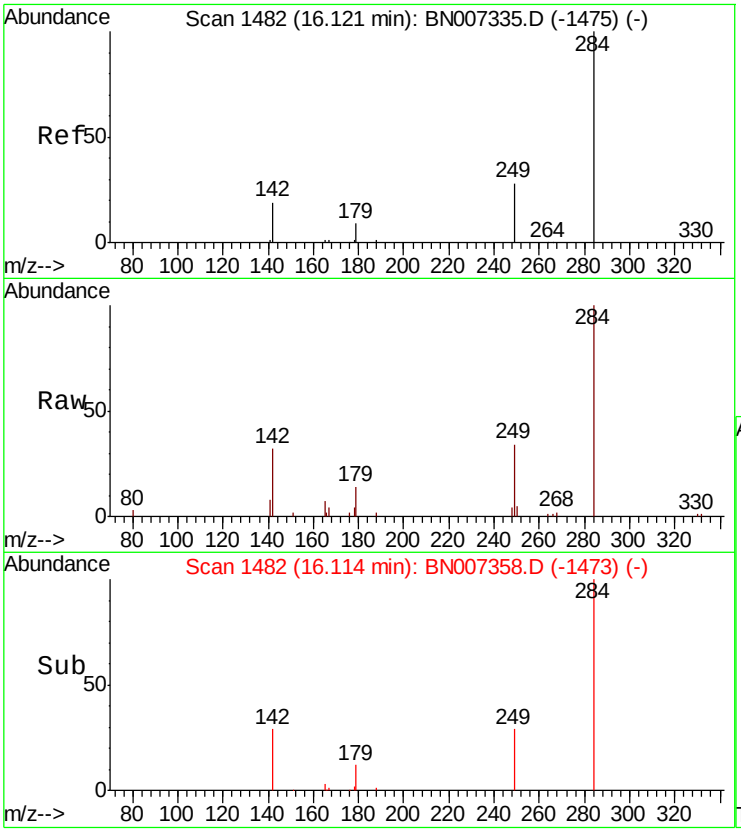


#20
4-Bromophenyl-phenylether
Concen: 0.414 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:248 Resp: 4560

Ion	Ratio	Lower	Upper
248	100		
250	102.1	85.0	127.6
141	61.9	51.7	77.5



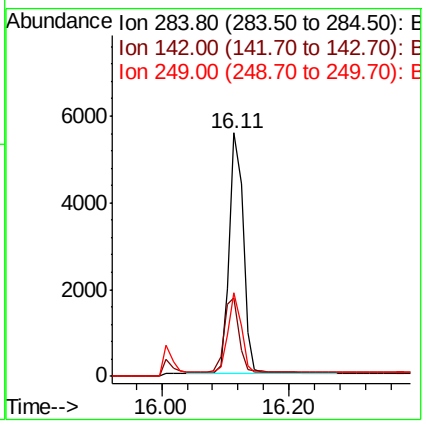


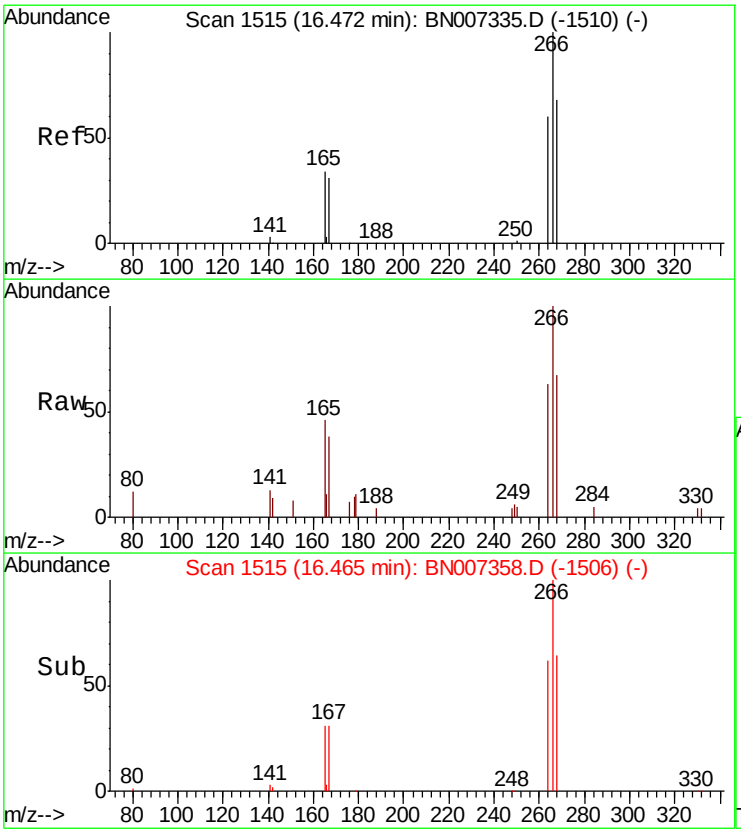
#21
Hexachlorobenzene
Concen: 0.451 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 8435

Ion	Ratio	Lower	Upper
284	100		
142	32.6	29.0	43.6
249	30.9	24.9	37.3

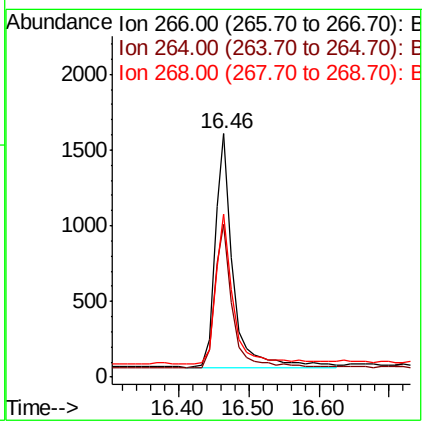


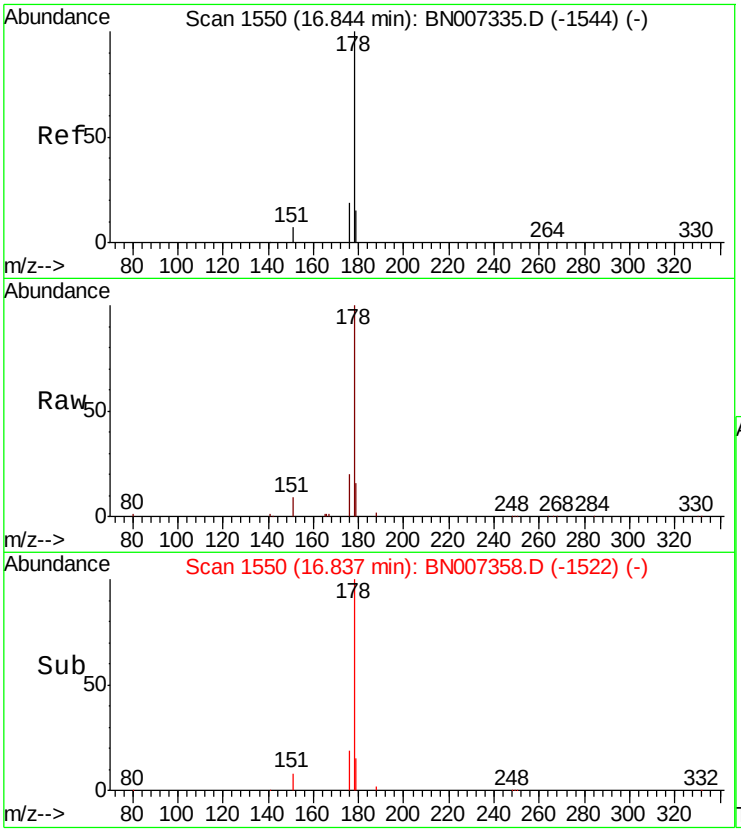


#22
Pentachlorophenol
Concen: 0.473 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:266 Resp: 2751

Ion	Ratio	Lower	Upper
266	100		
264	63.0	57.8	86.8
268	66.7	99.7	149.5#



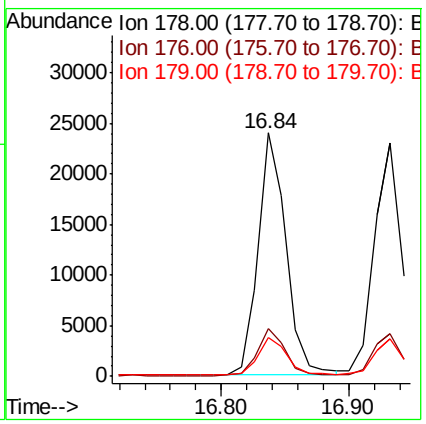


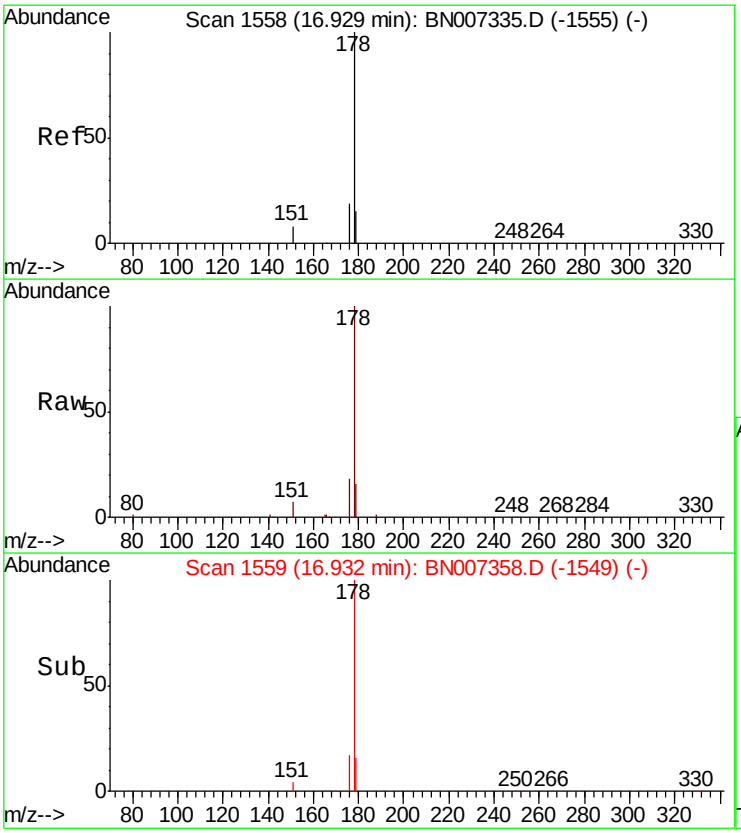
#23
Phenanthrene
Concen: 0.436 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 36567

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.7	12.6	19.0

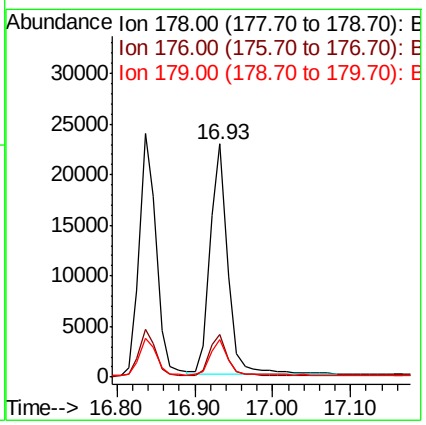


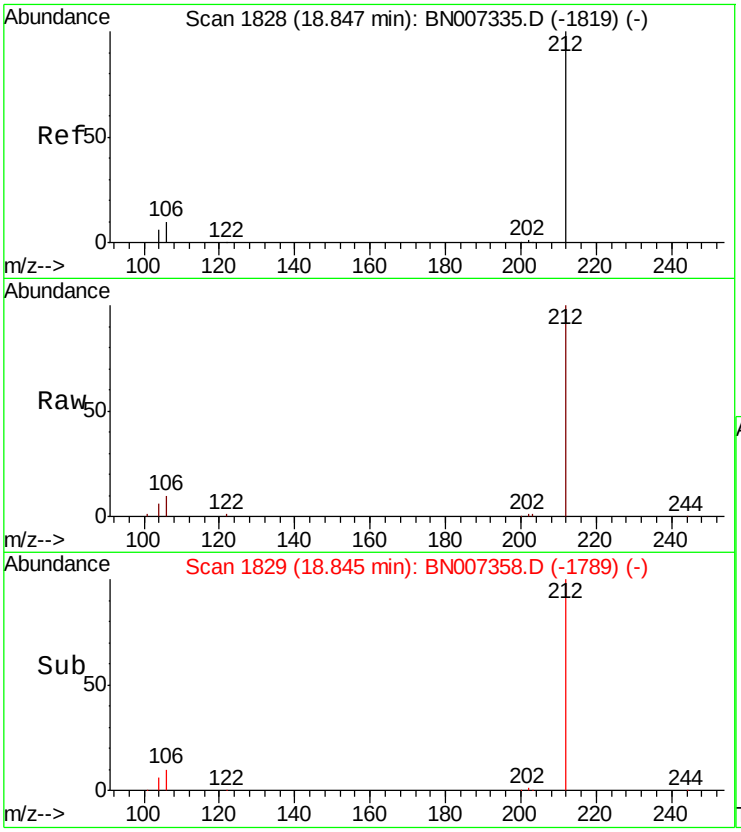


#24
Anthracene
Concen: 0.418 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:178 Resp: 35337

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.9	22.3
179	14.5	12.4	18.6



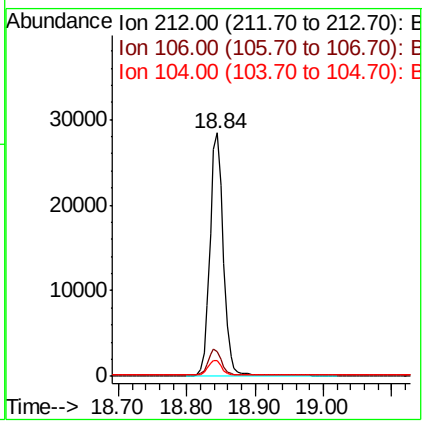


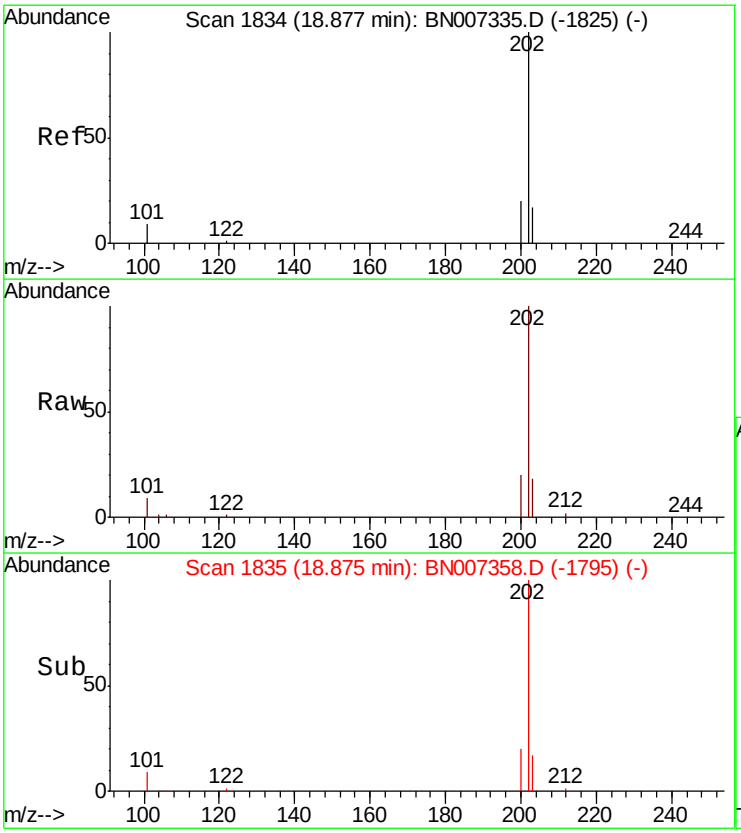
#25
Fluoranthene-d10
Concen: 0.432 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 38847

Ion	Ratio	Lower	Upper
212	100		
106	10.9	9.0	13.4
104	6.4	5.4	8.2

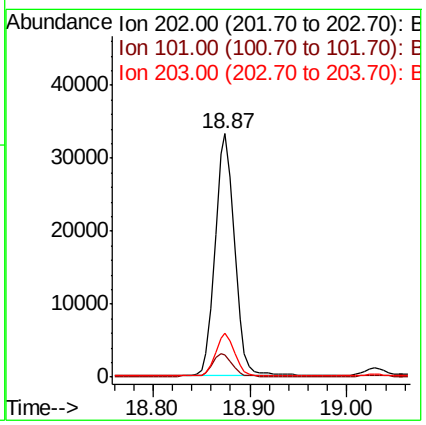


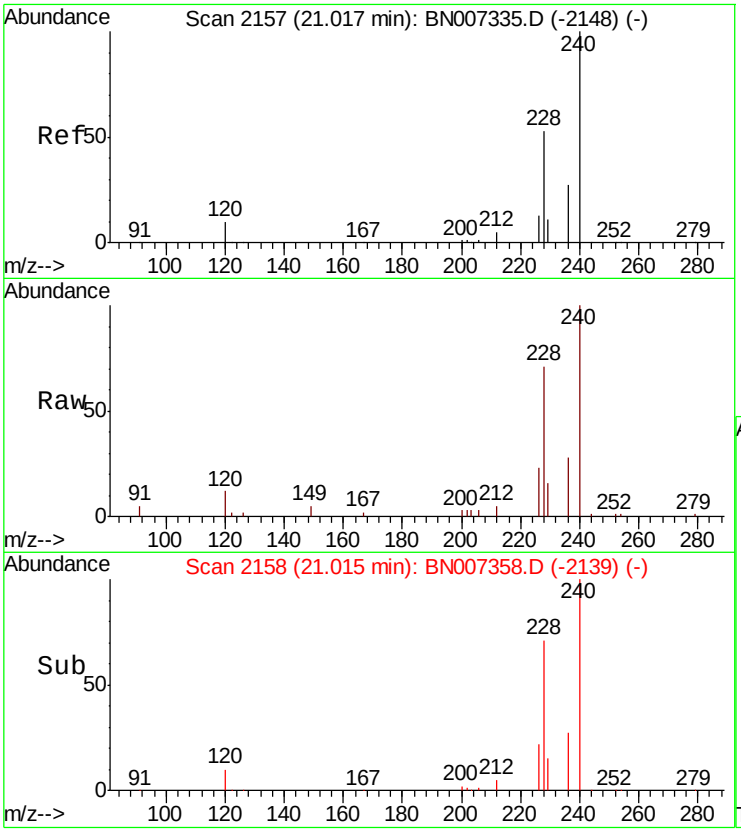


#26
Fluoranthene
Concen: 0.431 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:202 Resp: 46484

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.7	11.5
203	17.1	13.7	20.5



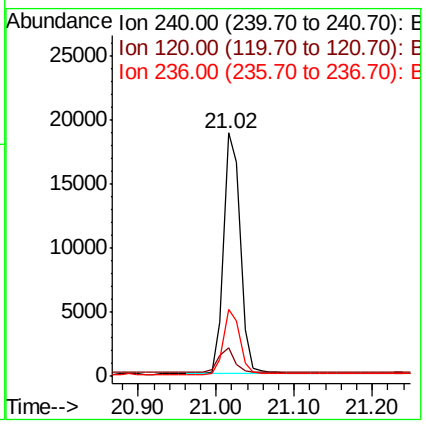


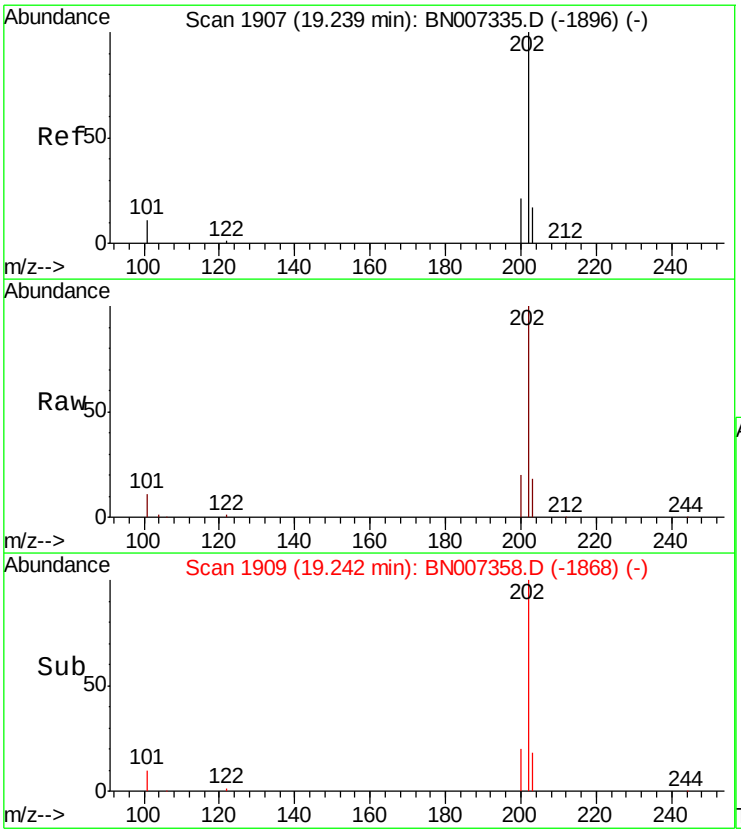
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 28272

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	27.7	22.2	33.2

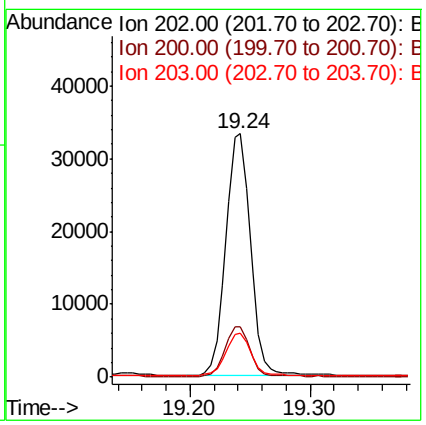


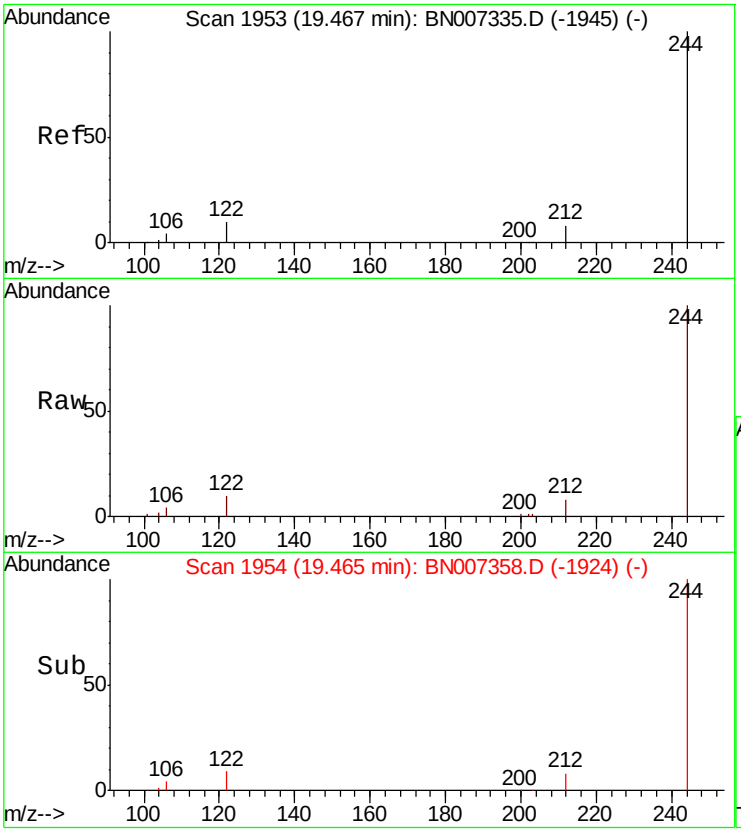


#28
Pyrene
Concen: 0.416 ng
RT: 19.24 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:202 Resp: 47353

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.9	14.2	21.4



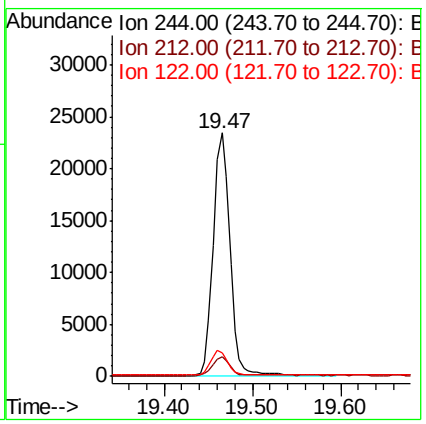


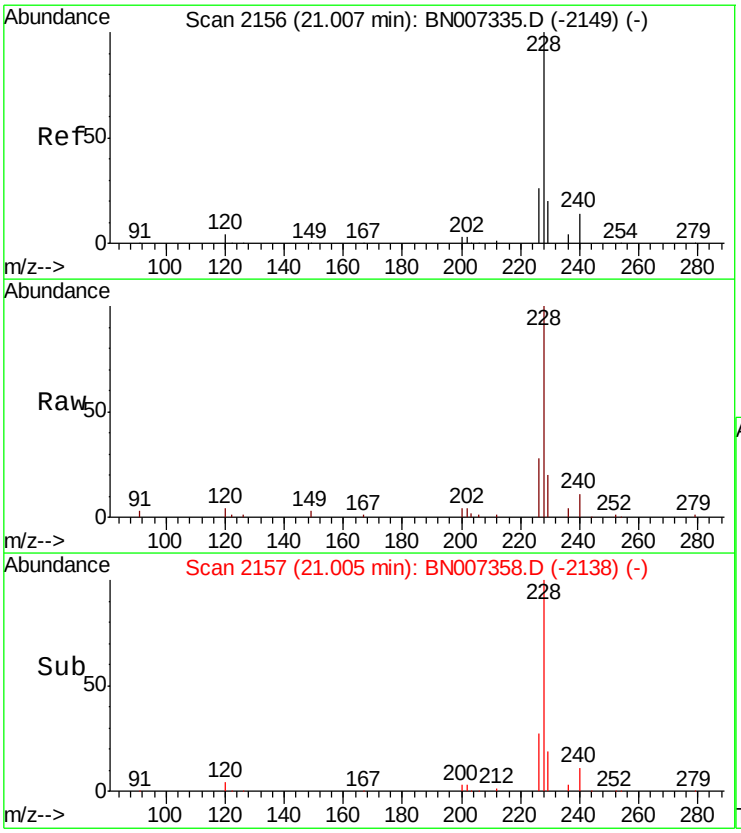
#29
Terphenyl-d14
Concen: 0.415 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 30720

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.6
122	9.9	9.6	14.4

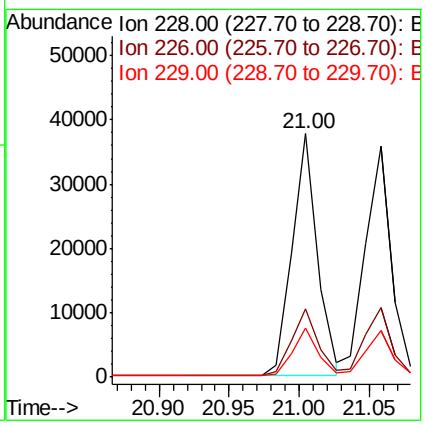


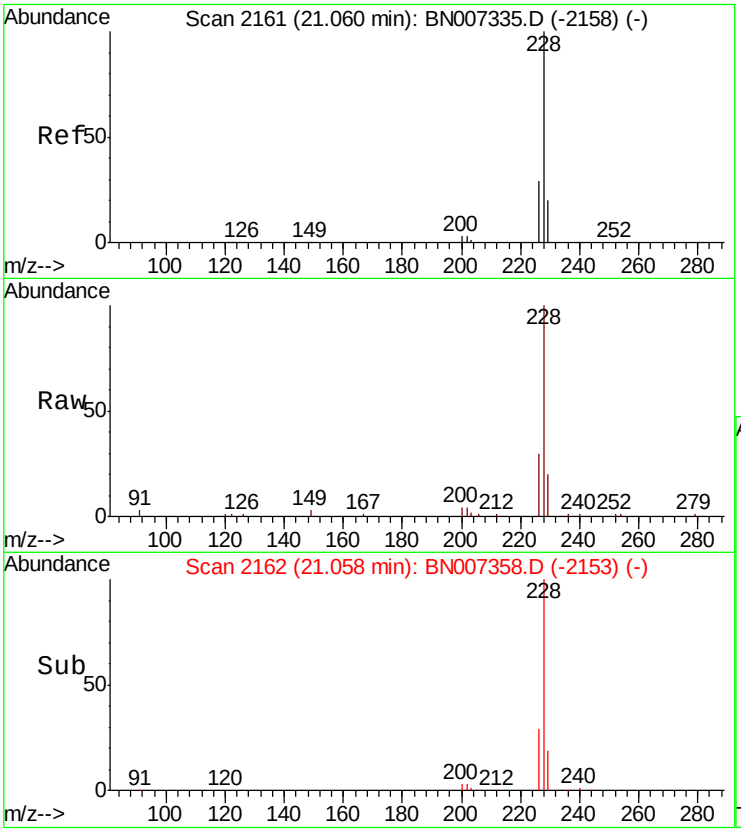


#30
Benzo(a)anthracene
Concen: 0.423 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:228 Resp: 46953

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.3	31.9
229	20.0	16.1	24.1



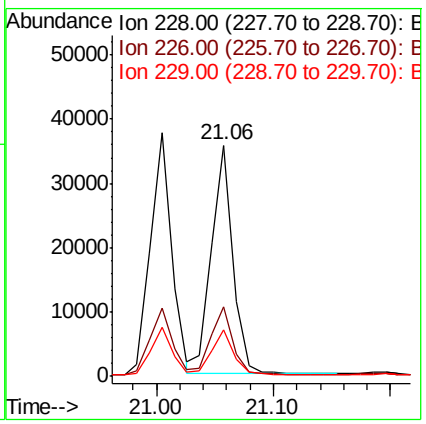


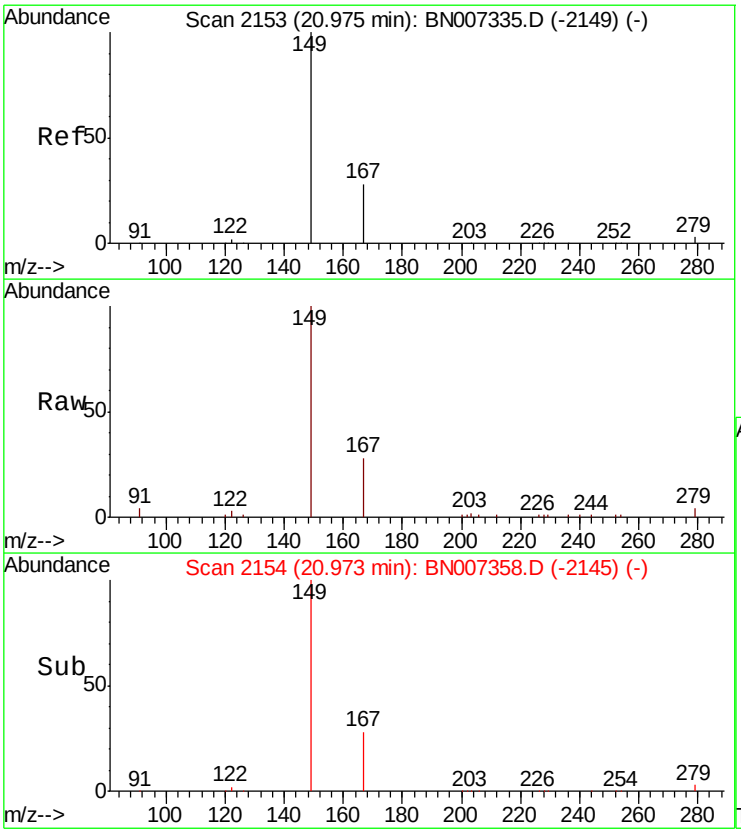
#31
Chrysene
Concen: 0.428 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 45840

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	19.9	16.6	24.8

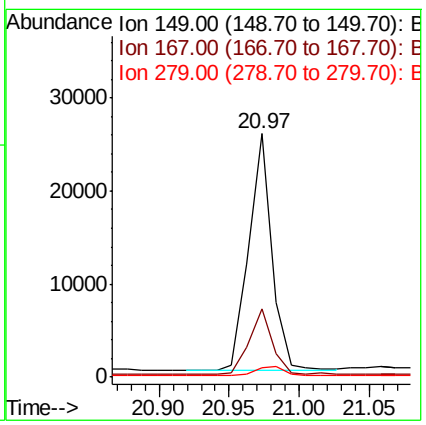


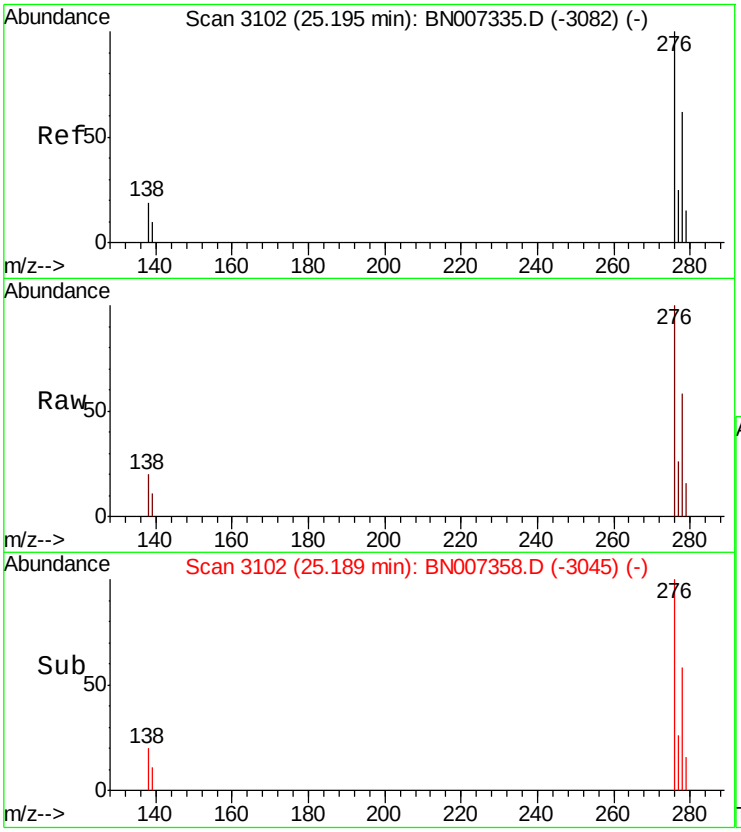


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.386 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:149 Resp: 29121

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.8	34.2
279	4.6	3.5	5.3



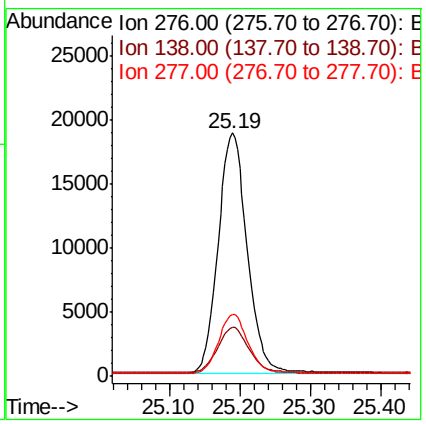


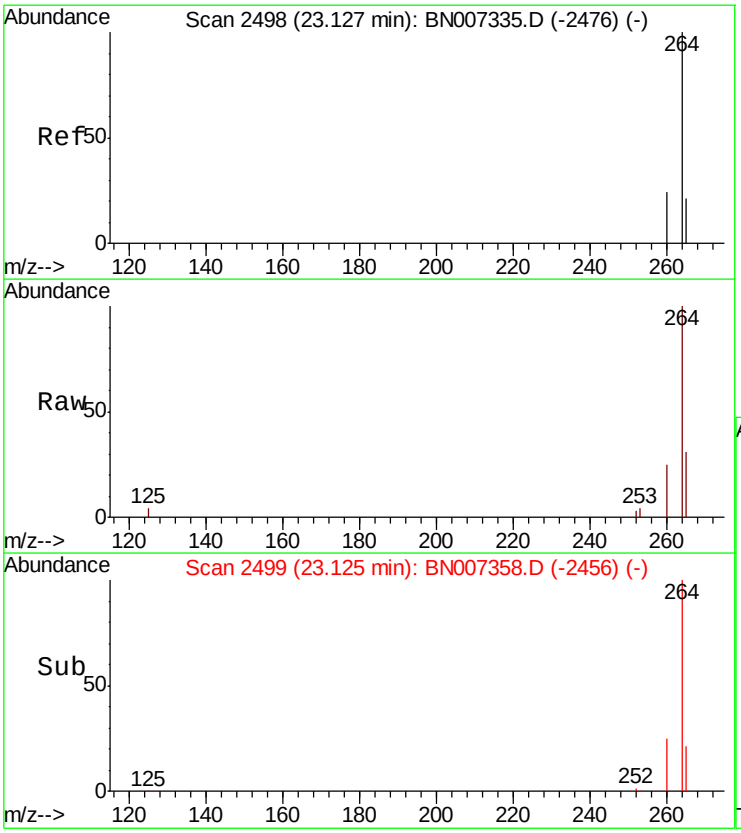
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 53663

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.1	22.7
277	24.5	19.7	29.5

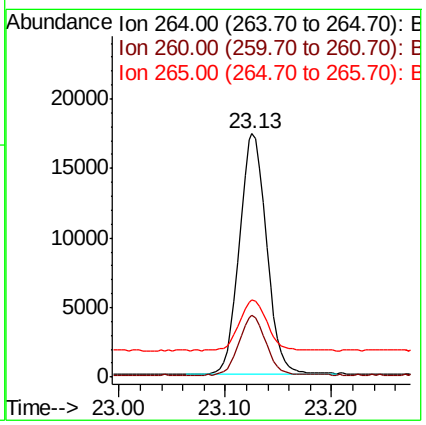


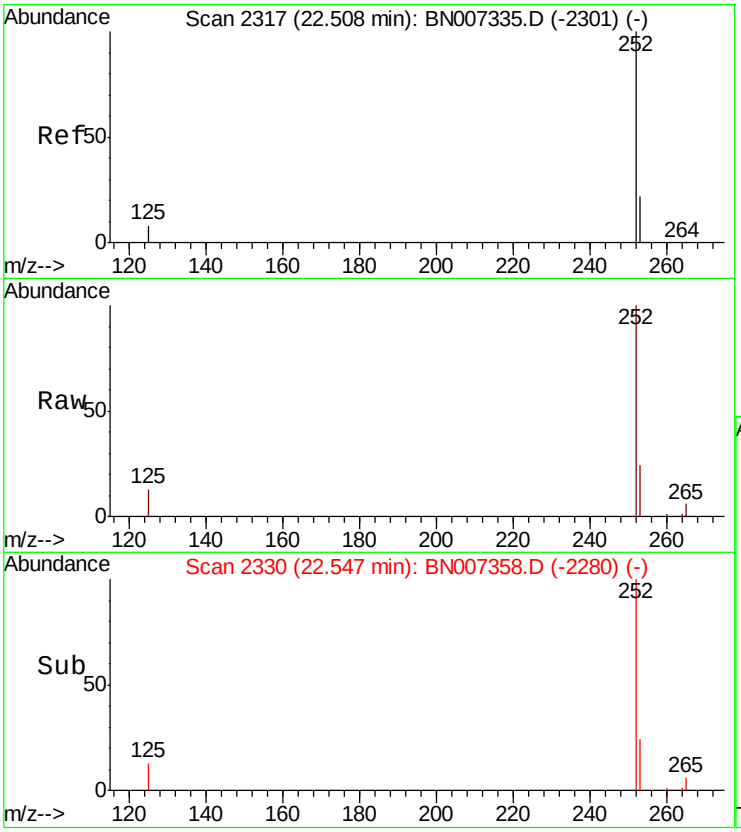


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:264 Resp: 31014

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	31.5	29.9	44.9



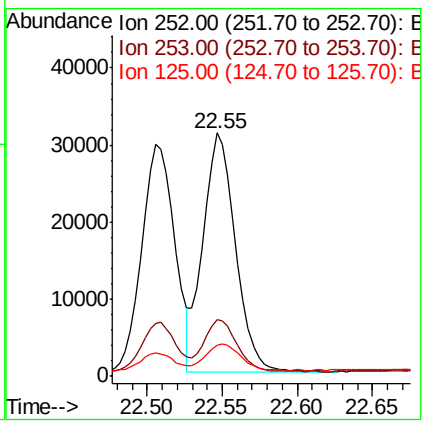


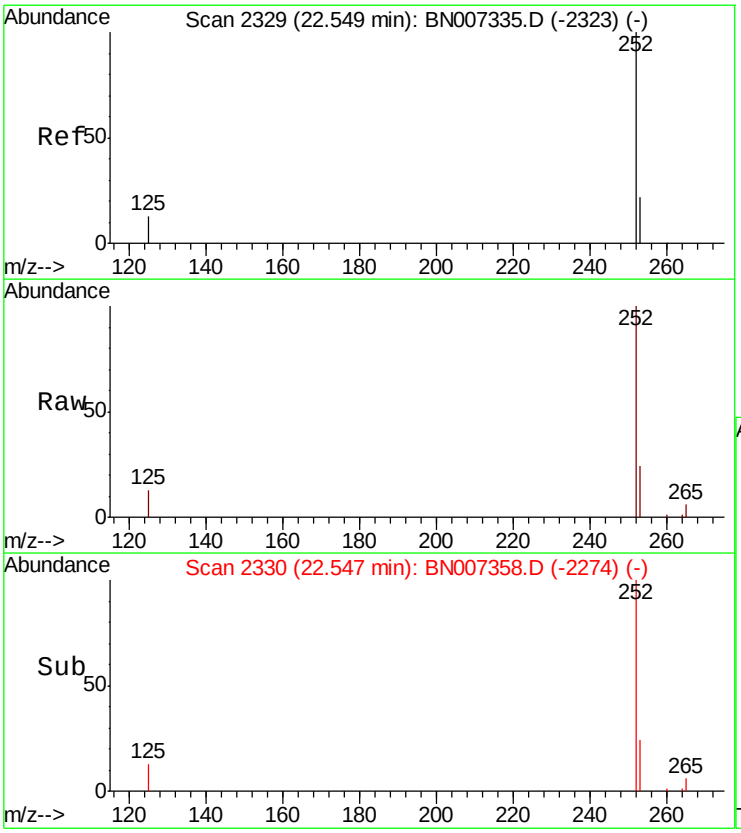
#35
Benzo(b)fluoranthene
Concen: 0.416 ng
RT: 22.55 min Scan# 2330
Delta R.T. 0.04 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 46753

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	12.9	10.6	16.0

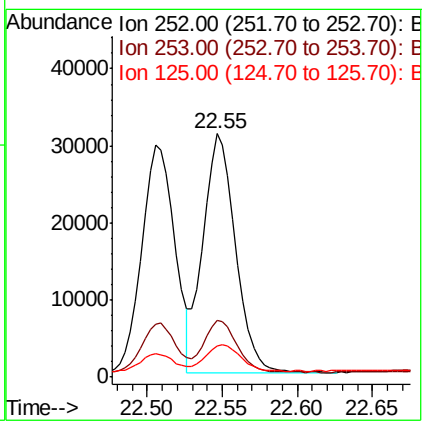


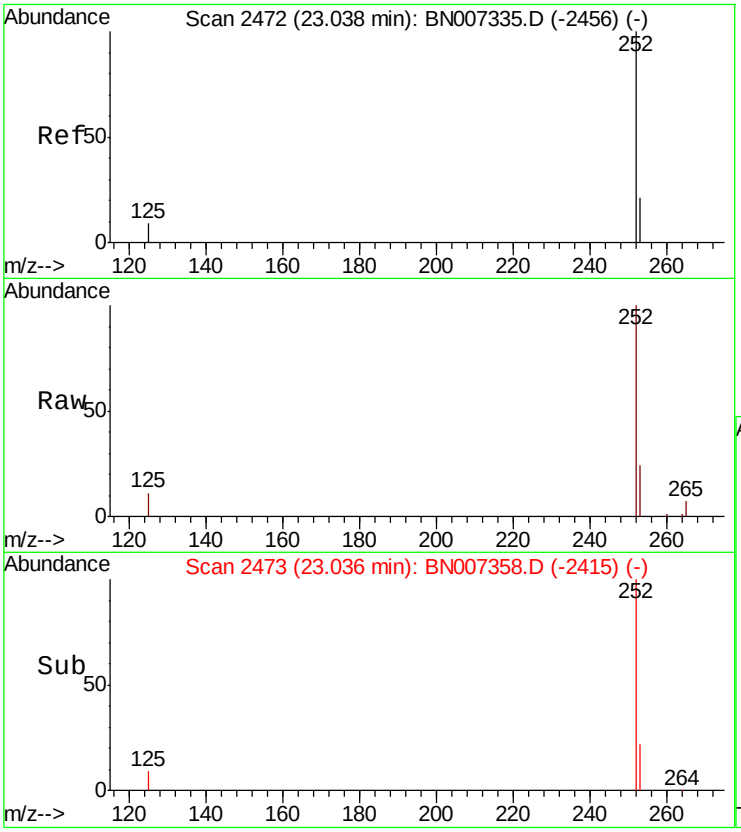


#36
Benzo(k)fluoranthene
Concen: 0.421 ng
RT: 22.55 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:252 Resp: 46753

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.4	29.2
125	12.9	13.1	19.7#



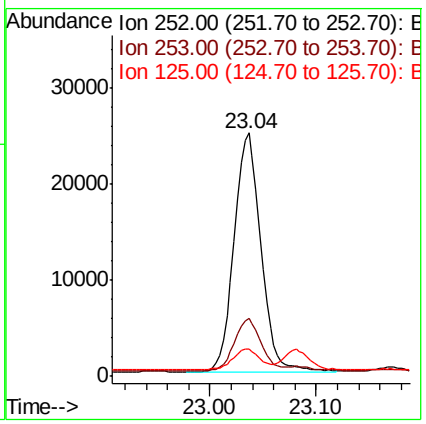


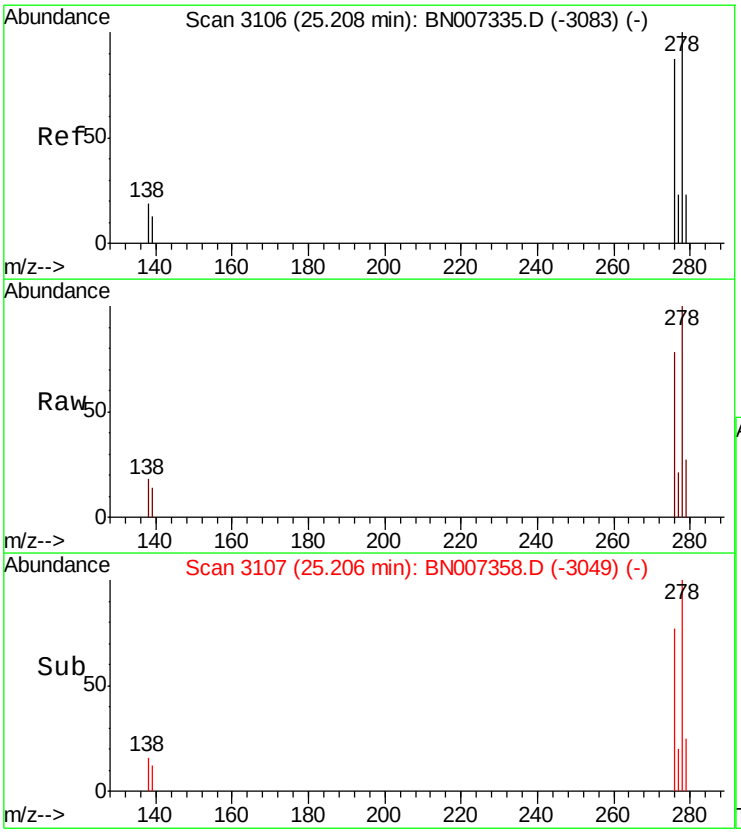
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.04 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 43914

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.5	29.3
125	11.2	12.1	18.1#

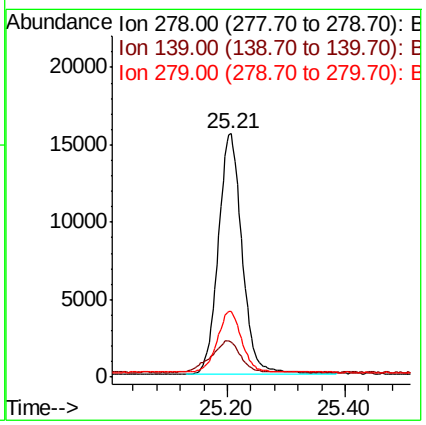


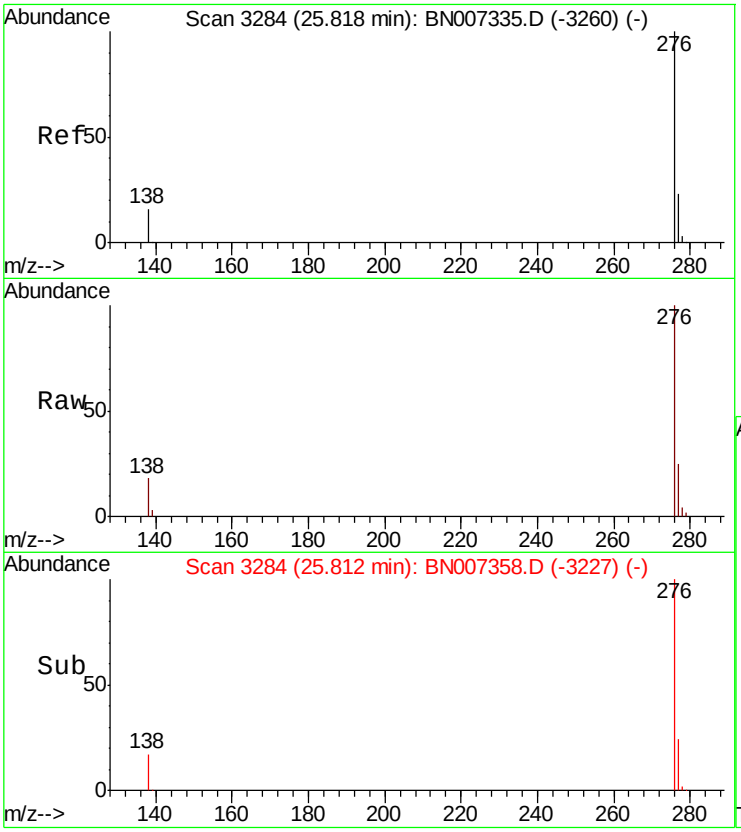


#38
Dibenzo(a,h)anthracene
Concen: 0.408 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion:278 Resp: 43527

Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.7	20.5
279	26.8	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.413 ng
RT: 25.81 min Scan# 3284
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 43905

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	18.3	16.3	24.5