Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

Quantitation Report (Not Reviewed)

Data File : BN007349.D
Acq On : 24 Aug 2019 04:38
Operator : HP/JU
Sample : K4440-01DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S302-J-1.5-2.0-082019DL

Quant Time: Aug 24 07:35:22 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	5454	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	22211	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	11909	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	26618	0.40	ng		0.00
27) Chrysene-d12	21.02	240	26507	0.40	ng		0.00
34) Perylene-d12	23.12	264	28787	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	855	0.02	ng		0.00
5) Phenol-d6	6.60	99	1065	0.02	ng		0.00
8) Nitrobenzene-d5	8.54	82	823	0.04	ng		0.01
11) 2-Methylnaphthalene-d10	11.76	152	1612	0.04	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	272	0.04	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	1937	0.04	ng		0.00
25) Fluoranthene-d10	18.84	212	3413	0.04	ng		0.00
29) Terphenyl-d14	19.47	244	2769	0.04	ng		0.00
Target Compounds							Qvalue
16) Acenaphthylene	13.77	152	1707	0.024	ng		94
17) Acenaphthene	14.11	154	3971	0.096	ng		97
18) Fluorene	15.10	166	4379	0.084	ng		99
20) 4-Bromophenyl-phenylether	16.04	248	377	0.036	ng	#	1
23) Phenanthrene	16.84	178	100100	1.250	ng		99
24) Anthracene	16.93	178	32712	0.406	ng		98
26) Fluoranthene	18.87	202	410968	3.998	ng		99
28) Pyrene	19.24	202	341373	3.201	ng	#	94
30) Benzo(a)anthracene	21.00	228	243280	2.337	ng		99
31) Chrysene	21.06	228	166120	1.653	ng		96
32) Bis(2-ethylhexyl)phthalate	20.97	149	8030	0.100	ng		91
33) Indeno(1,2,3-cd)pyrene	25.19	276	106039	0.876	ng		97
35) Benzo(b)fluoranthene	22.51	252	249296	2.390	ng	#	95
36) Benzo(k)fluoranthene	22.66	252	39415	0.382	ng		92
37) Benzo(a)pyrene	22.94	252	108869	1.097	ng		98
38) Dibenzo(a,h)anthracene	25.19	278	29609	0.299	ng		93
39) Benzo(g,h,i)perylene	25.81	276	92231	0.935	ng		97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

Quantitation Report (Not Reviewed)

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Acq On : 24 Aug 2019 04:38
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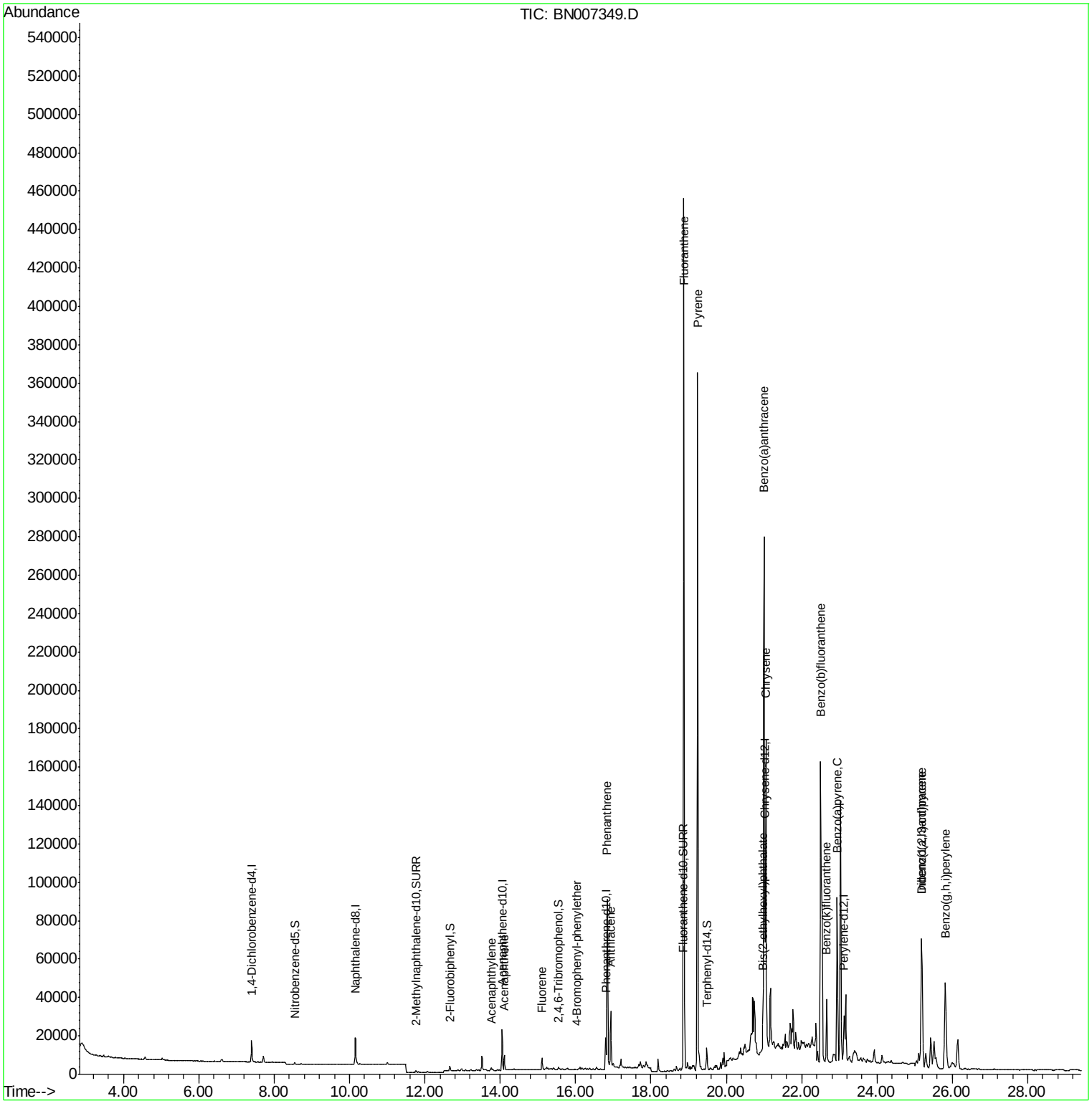
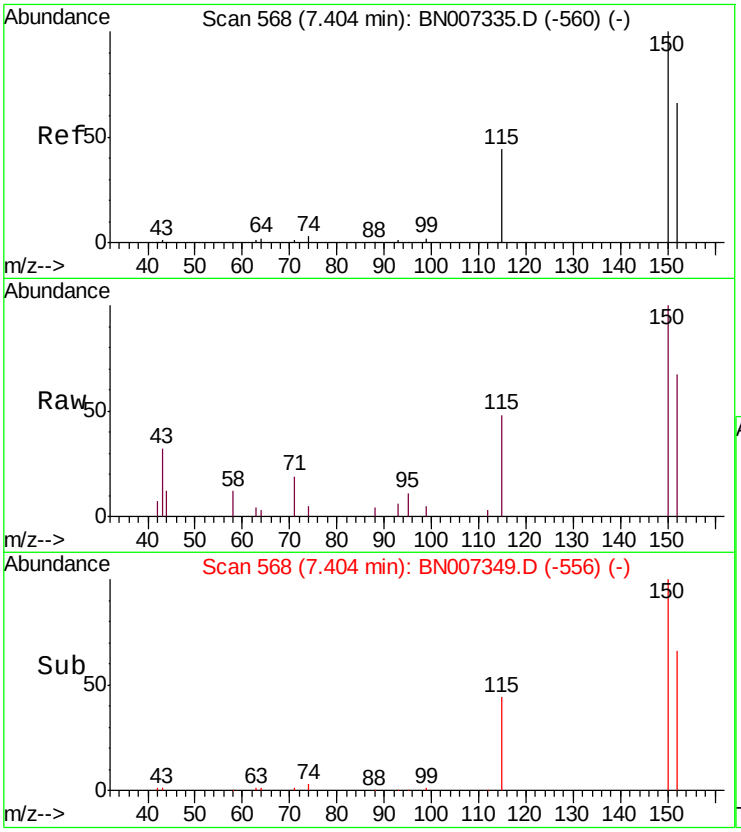
Sample : K4440-01DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Quant Time: Aug 24 07:35:22 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



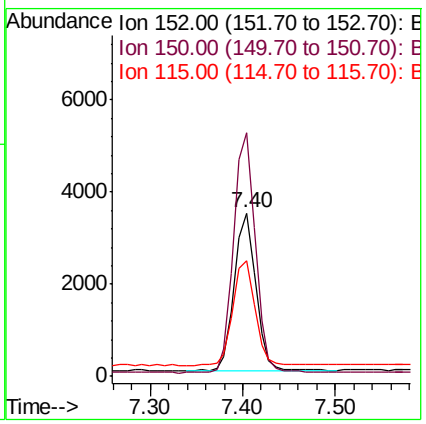


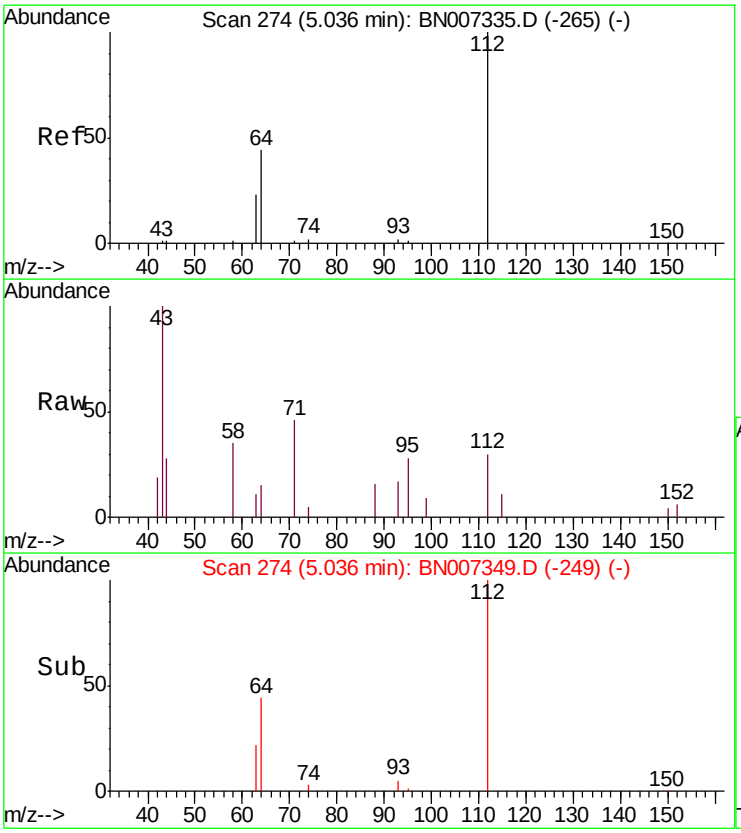
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:152 Resp: 5454

Ion	Ratio	Lower	Upper
152	100		
150	148.8	109.1	163.7
115	71.1	59.6	89.4

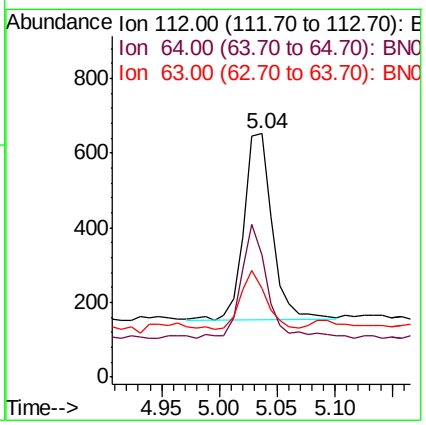


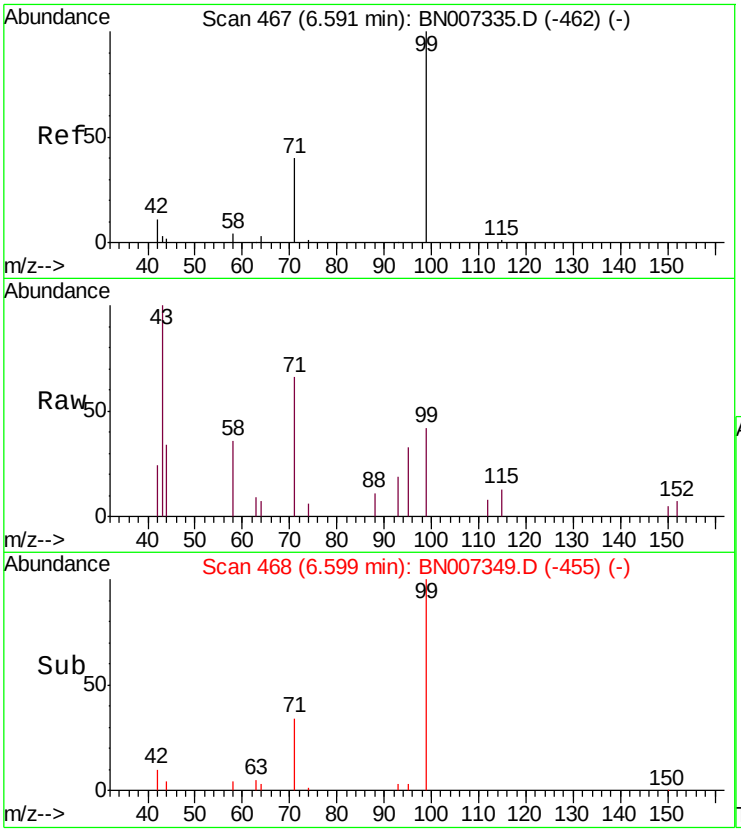


#4
2-Fluorophenol
Concen: 0.018 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:112 Resp: 855

Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.3	63.5
63	27.6	23.6	35.4



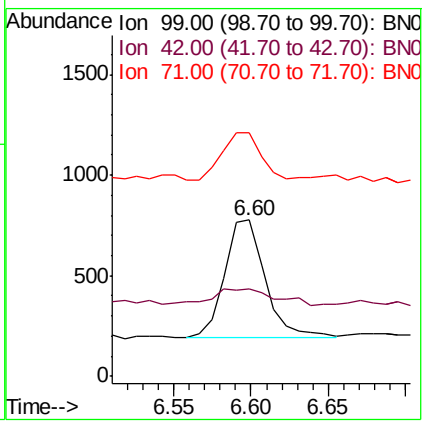


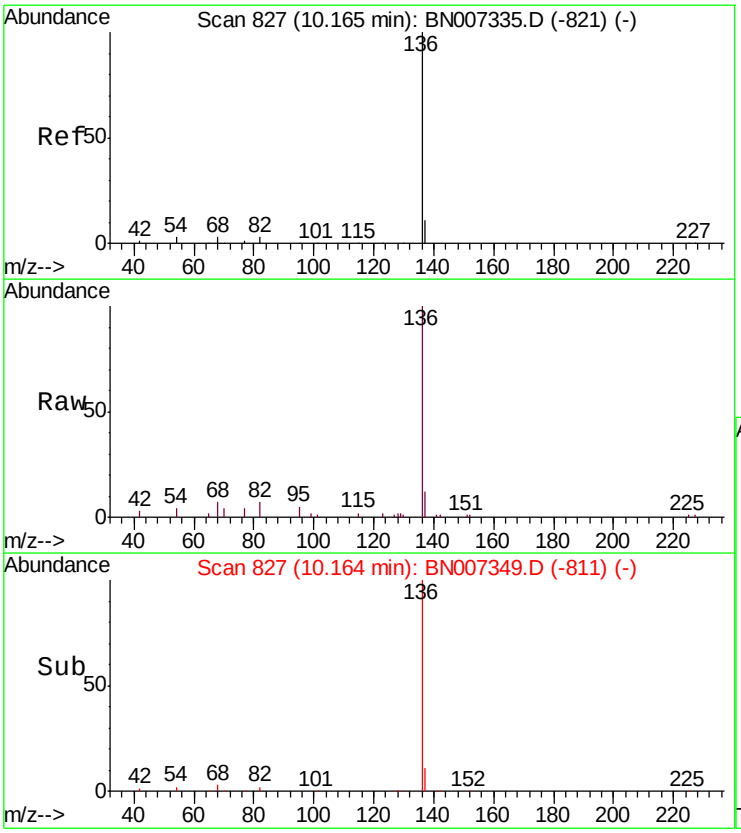
#5
Phenol-d6
Concen: 0.015 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.01 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion: 99 Resp: 1065

Ion	Ratio	Lower	Upper
99	100		
42	20.2	11.2	16.8#
71	41.5	31.8	47.8

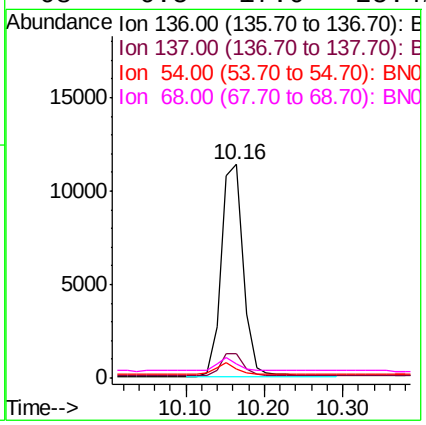


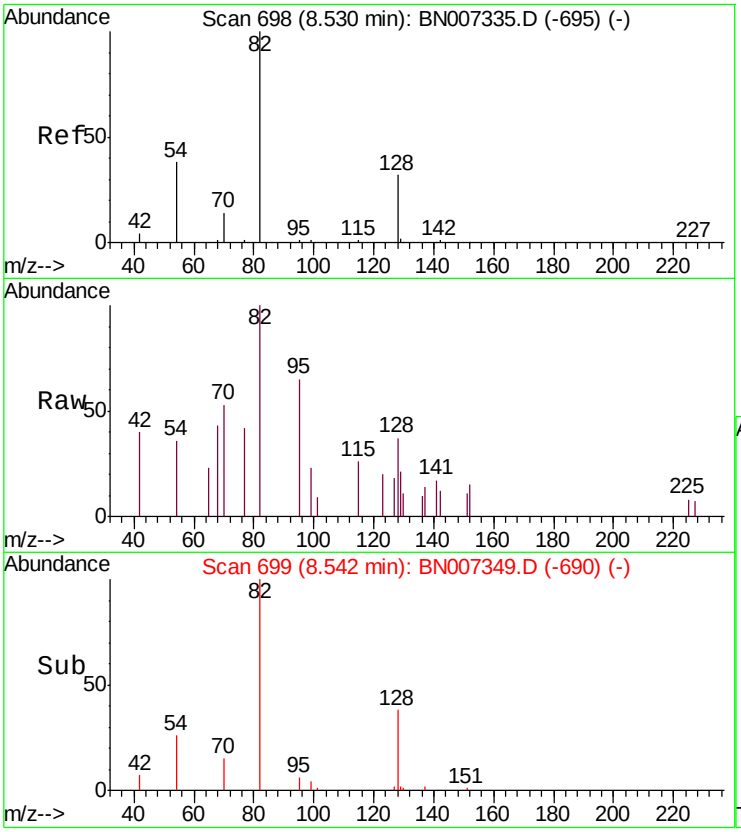


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:136 Resp: 22211

Ion	Ratio	Lower	Upper
136	100		
137	11.6	12.9	19.3#
54	4.4	8.6	12.8#
68	6.5	17.0	25.4#



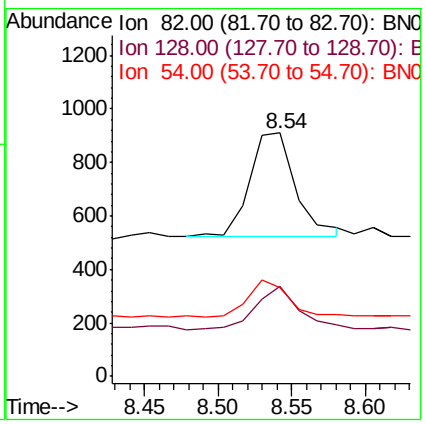


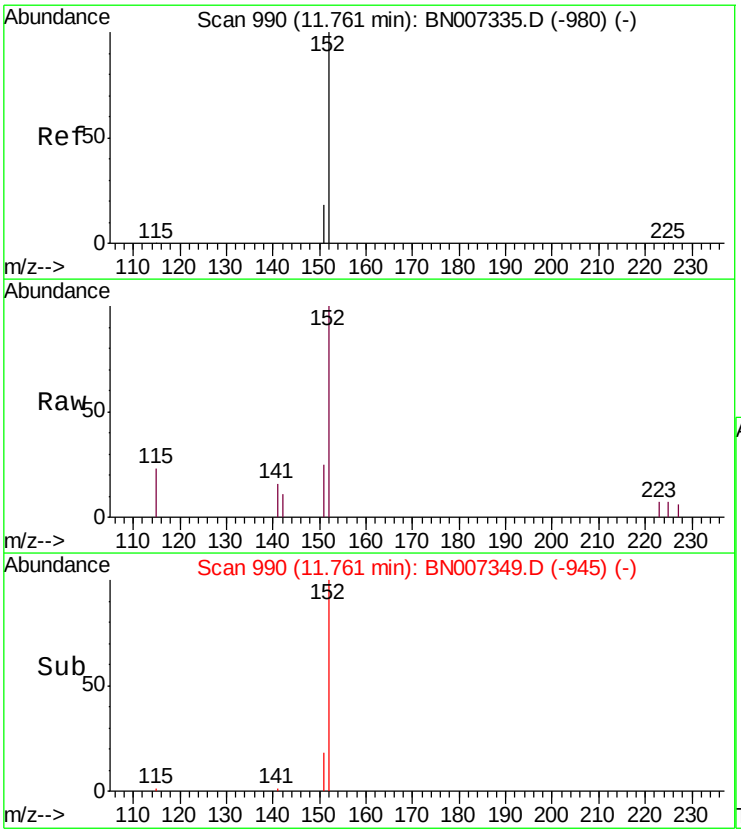
#8
Nitrobenzene-d5
Concen: 0.043 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.01 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion: 82 Resp: 823

Ion	Ratio	Lower	Upper
82	100		
128	37.0	19.7	29.5#
54	36.3	25.8	38.6

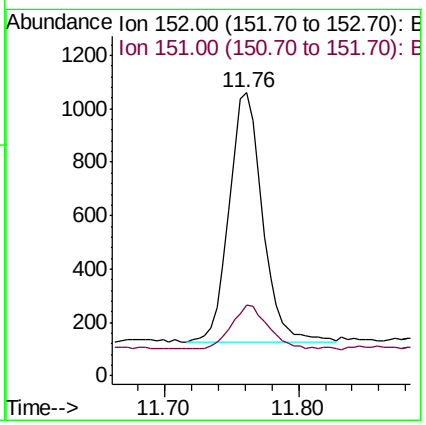


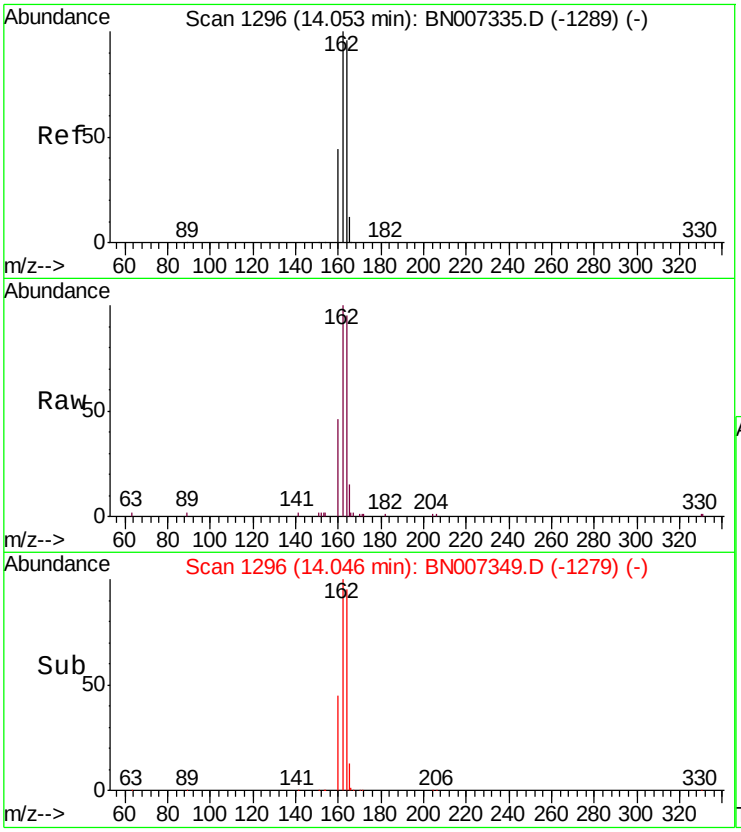


#11
2-Methylnaphthalene-d10
Concen: 0.044 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:152 Resp: 1612

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2



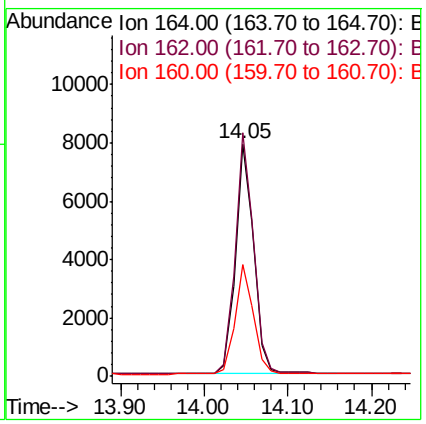


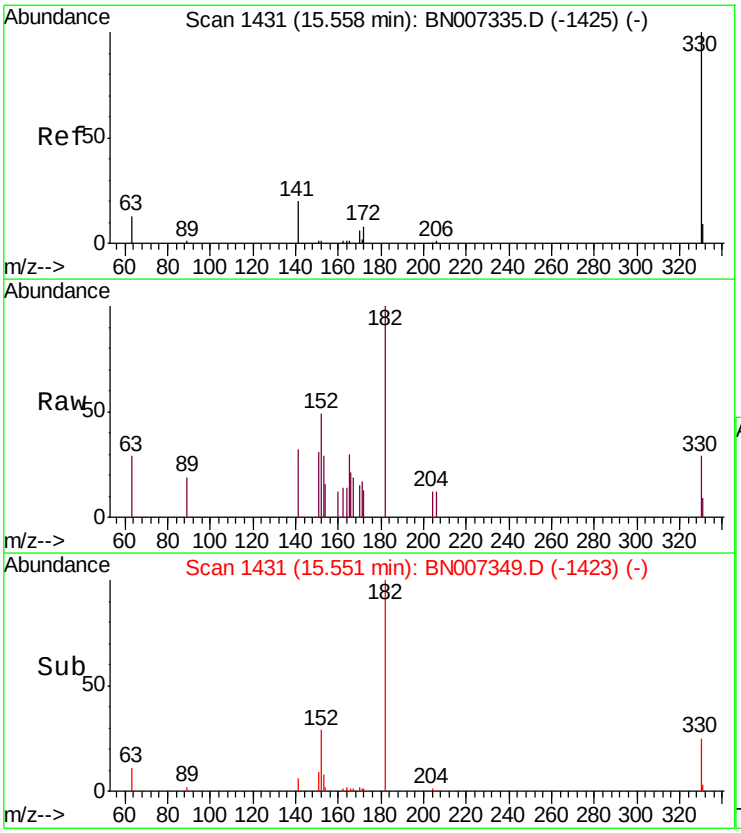
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:164 Resp: 11909

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.5	125.3
160	48.1	38.2	57.4

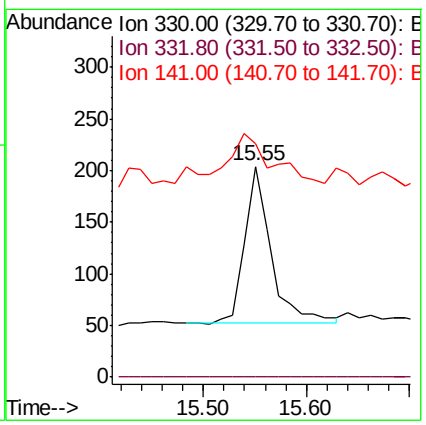


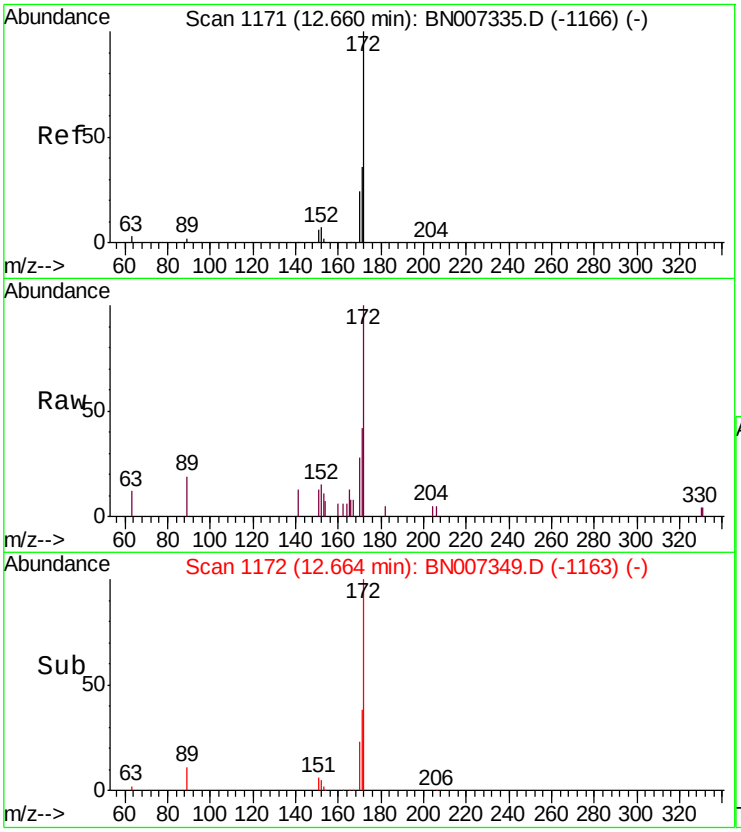


#14
2,4,6-Tribromophenol
Concen: 0.044 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:330 Resp: 272

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	58.1	26.9	40.3#



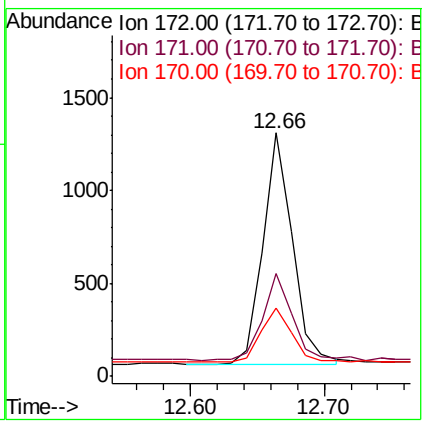


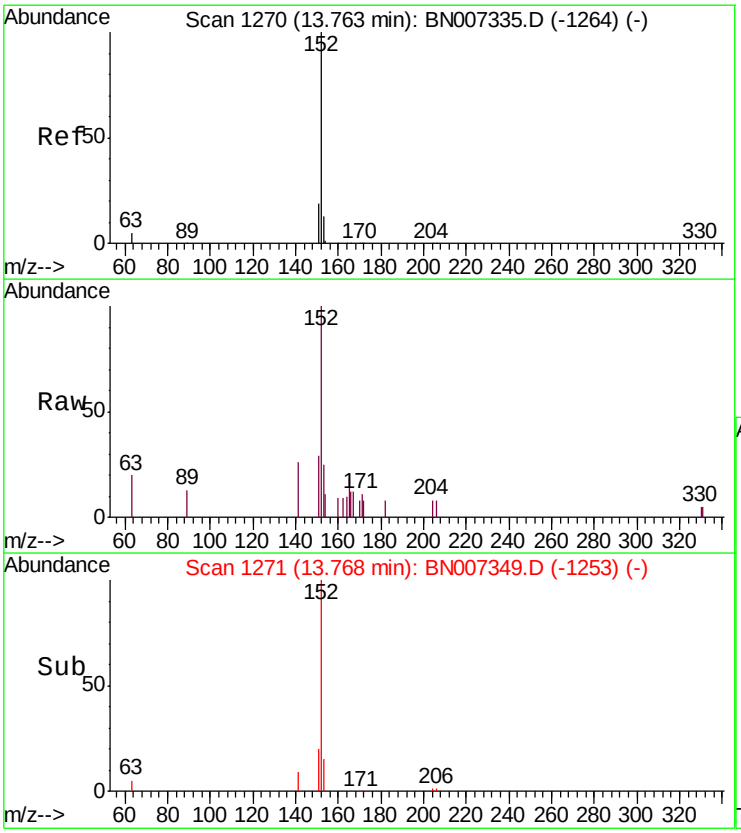
#15
2-Fluorobiphenyl
Concen: 0.040 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:172 Resp: 1937

Ion	Ratio	Lower	Upper
172	100		
171	42.3	30.3	45.5
170	28.0	20.7	31.1

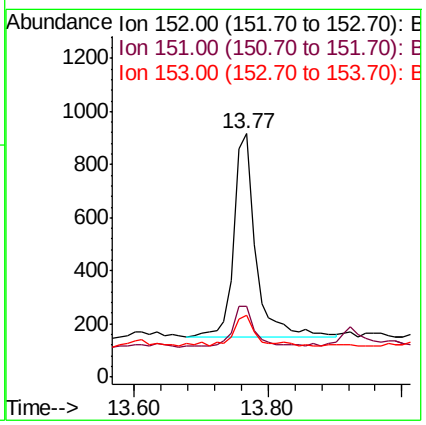


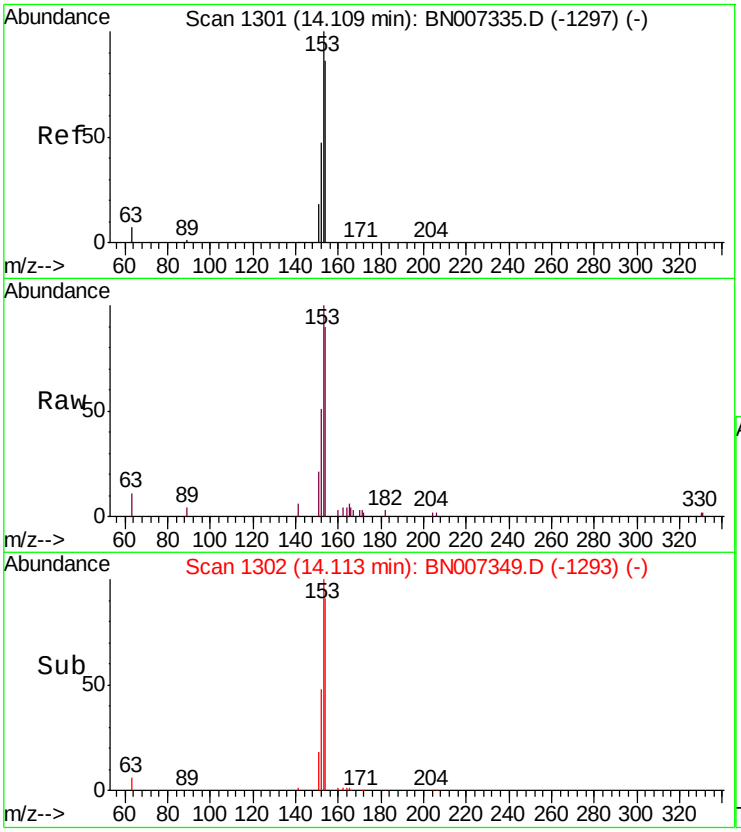


#16
Acenaphthylene
Concen: 0.024 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:152 Resp: 1707

Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.1	24.1
153	15.3	10.6	15.8



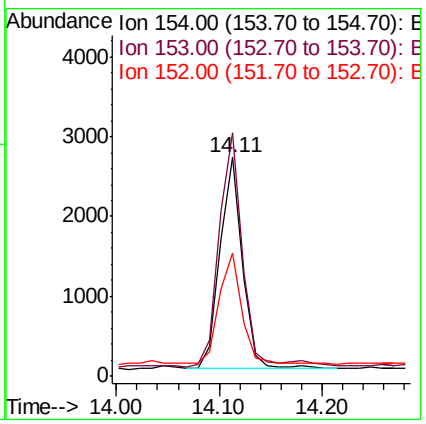


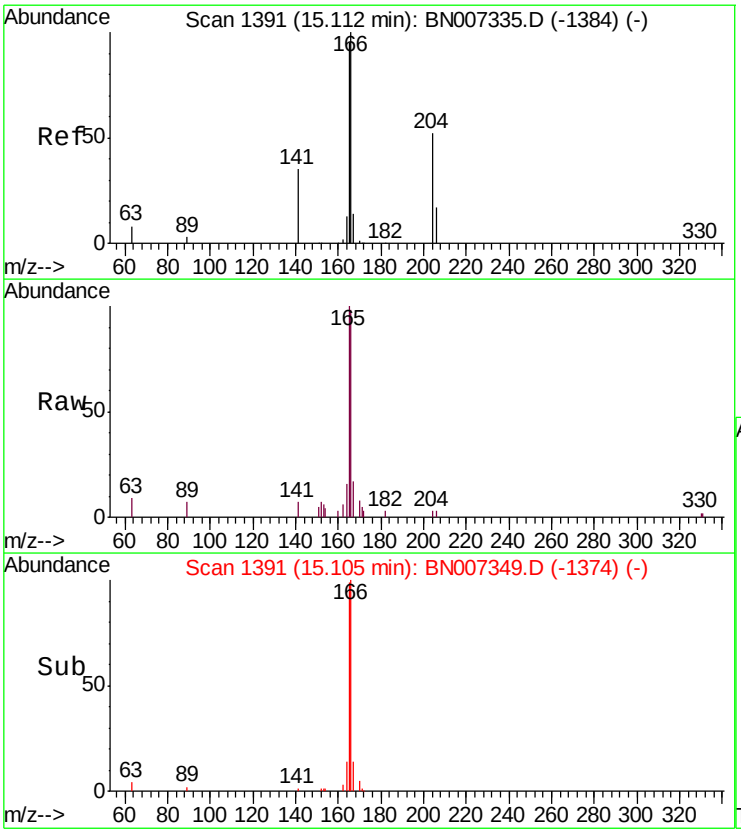
#17
Acenaphthene
Concen: 0.096 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:154 Resp: 3971

Ion	Ratio	Lower	Upper
154	100		
153	111.8	92.8	139.2
152	53.8	43.8	65.8

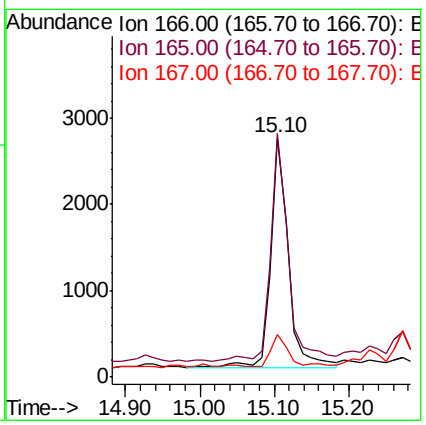


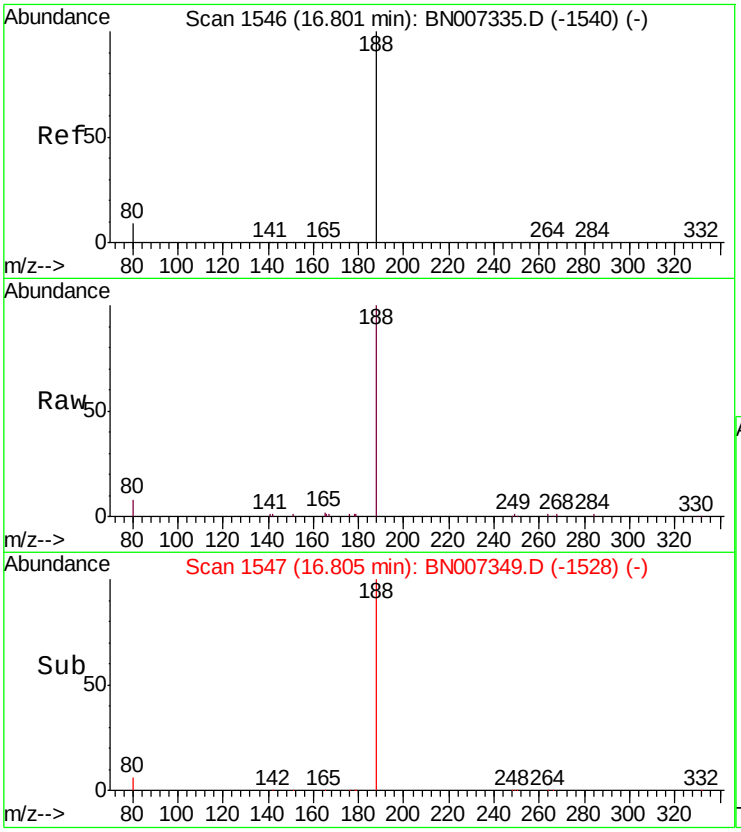


#18
Fluorene
Concen: 0.084 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:166 Resp: 4379

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	14.7	10.6	15.8



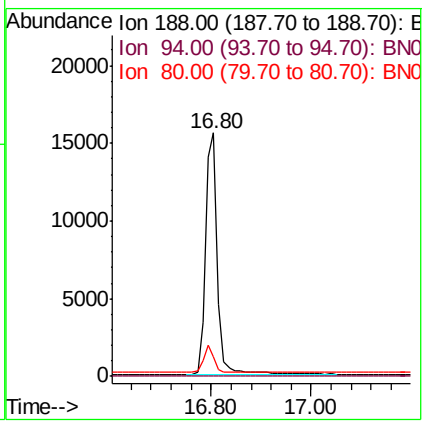


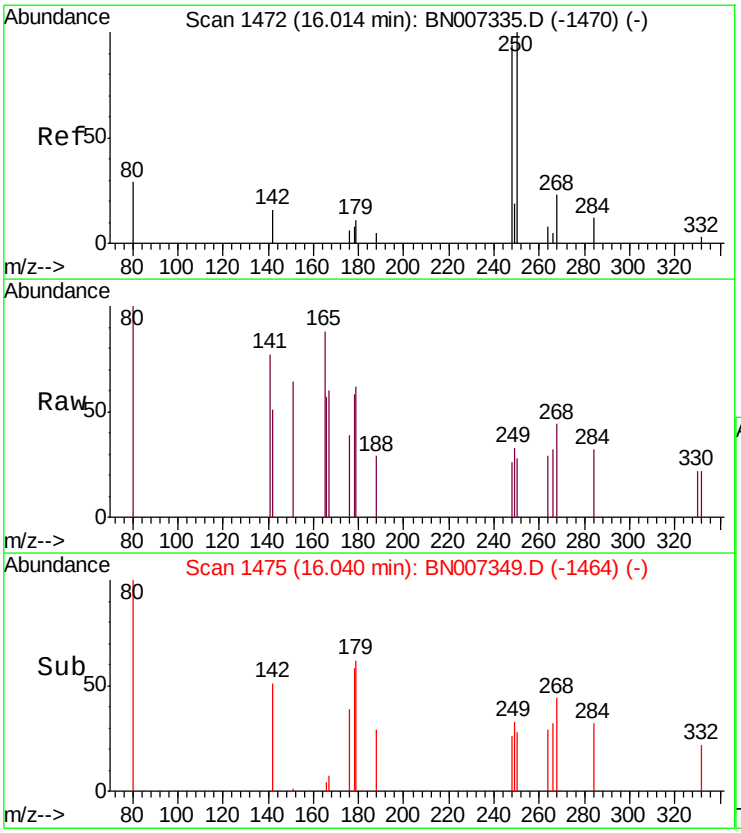
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:188 Resp: 26618

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	11.8	17.8#

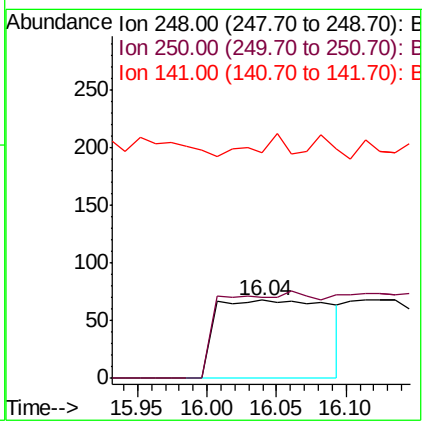


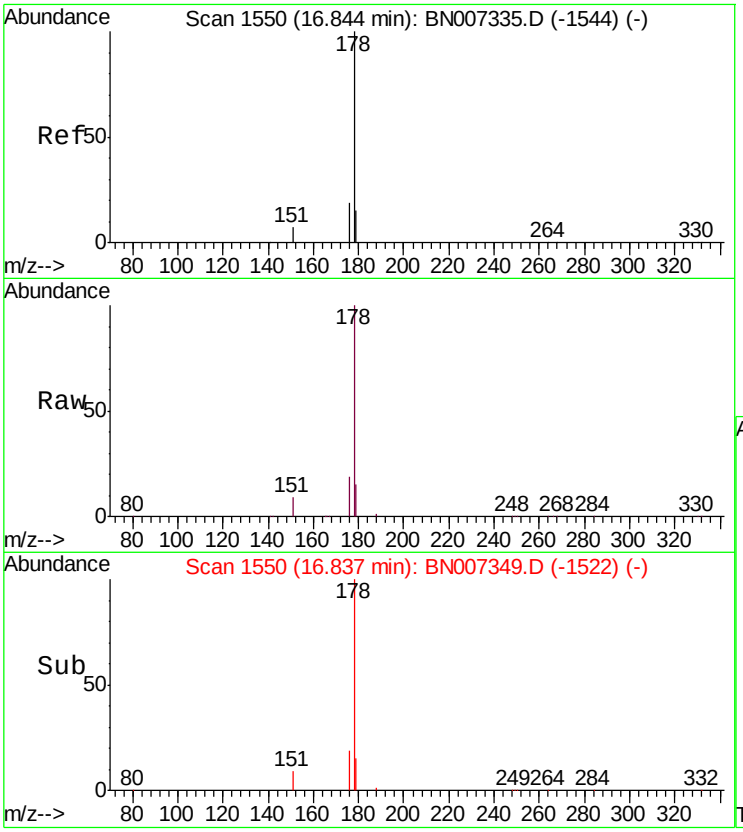


#20
4-Bromophenyl-phenylether
Concen: 0.036 ng
RT: 16.04 min Scan# 1475
Delta R.T. 0.03 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:248 Resp: 377

Ion	Ratio	Lower	Upper
248	100		
250	104.5	85.0	127.6
141	292.5	51.7	77.5#



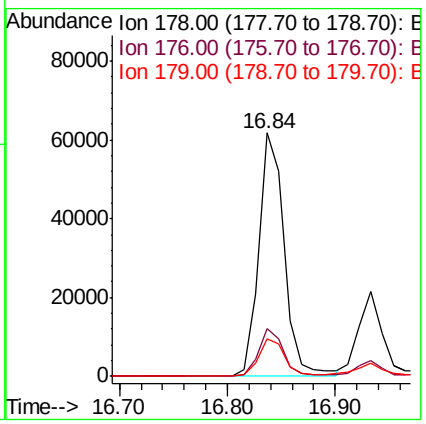


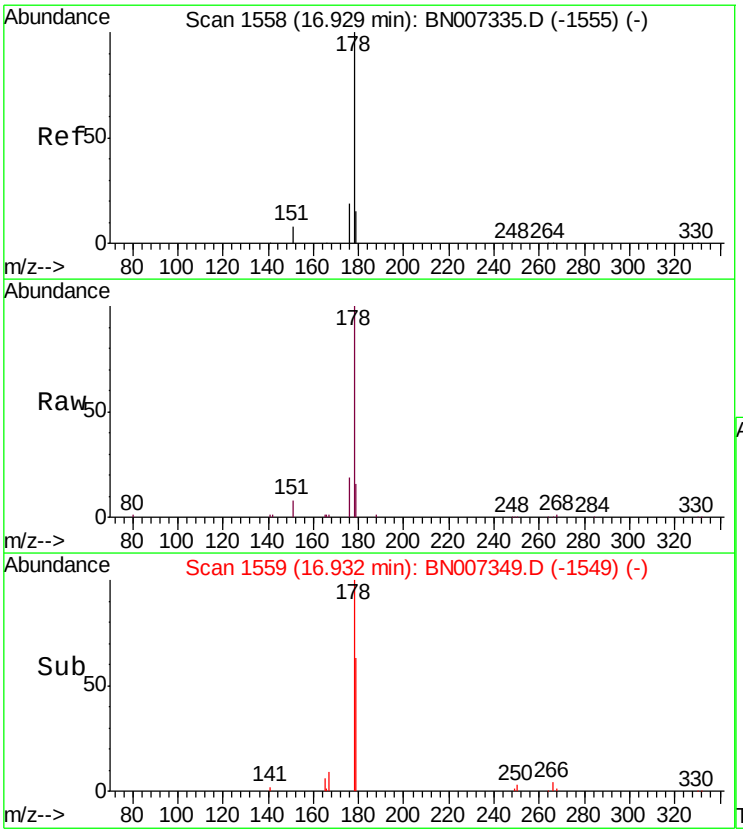
#23
Phenanthrene
Concen: 1.250 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:178 Resp: 100100

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.2	12.6	19.0

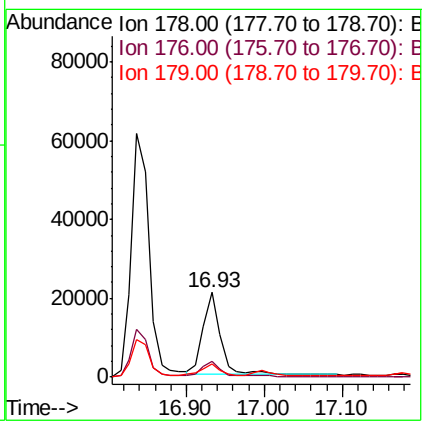


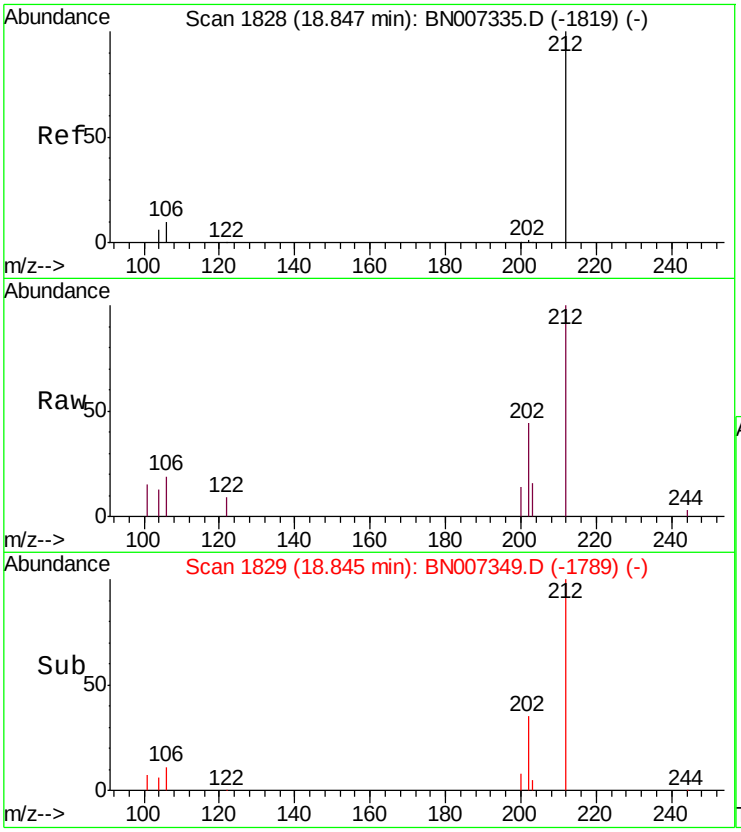


#24
Anthracene
Concen: 0.406 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:178 Resp: 32712

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	14.8	12.4	18.6



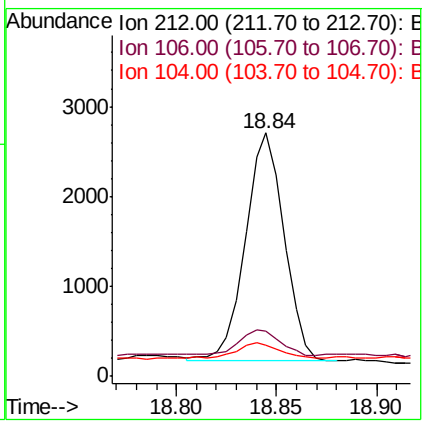


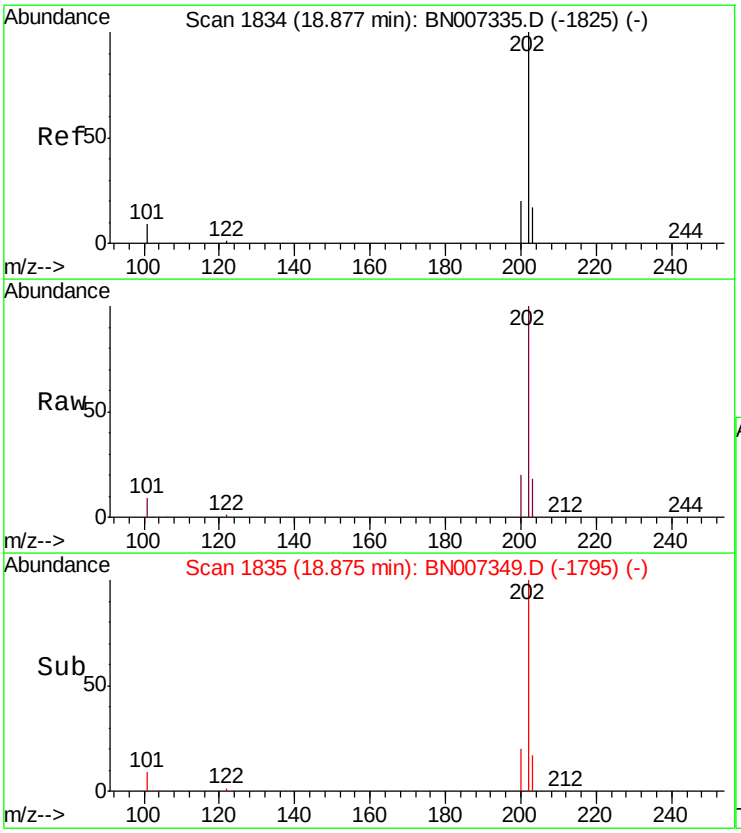
#25
Fluoranthene-d10
Concen: 0.040 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:212 Resp: 3413

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.0	13.4
104	7.8	5.4	8.2

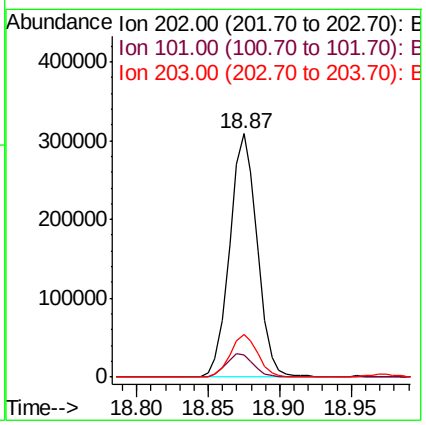


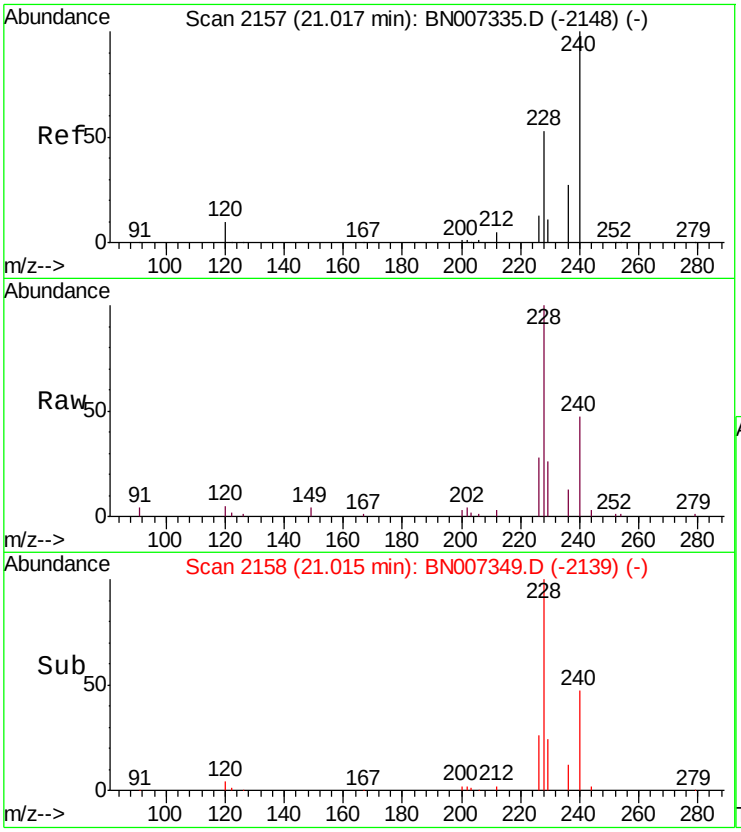


#26
Fluoranthene
Concen: 3.998 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:202 Resp: 410968

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.7	11.5
203	17.4	13.7	20.5



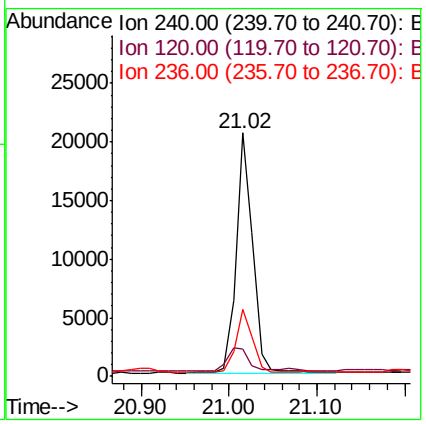


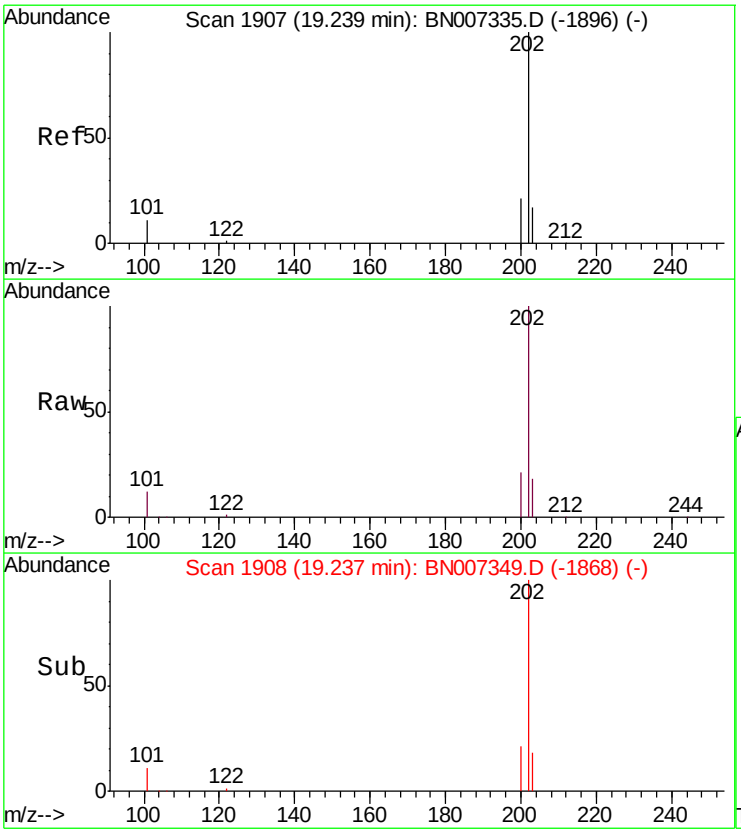
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:240 Resp: 26507

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.6	14.4
236	27.6	22.2	33.2

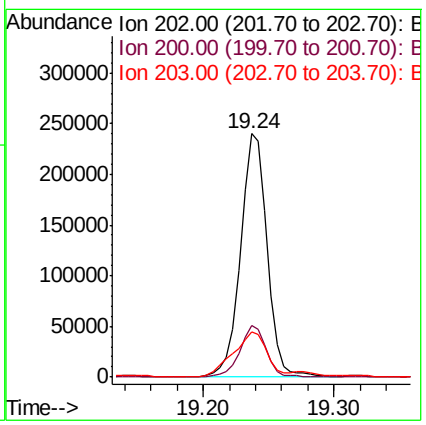


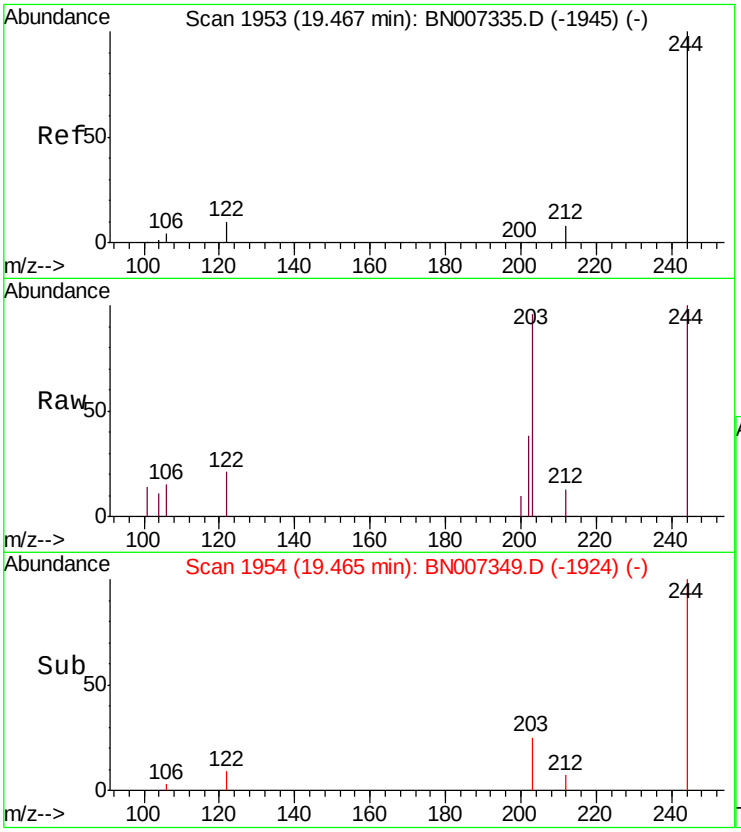


#28
Pyrene
Concen: 3.201 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:202 Resp: 341373

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	23.6	14.2	21.4#



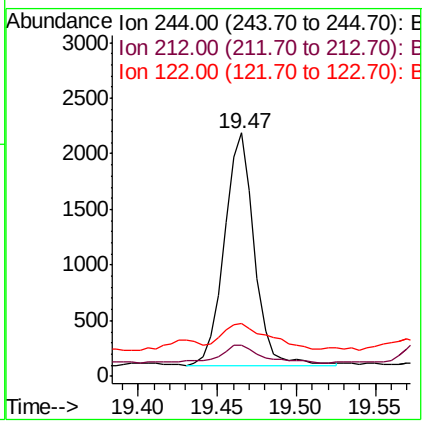


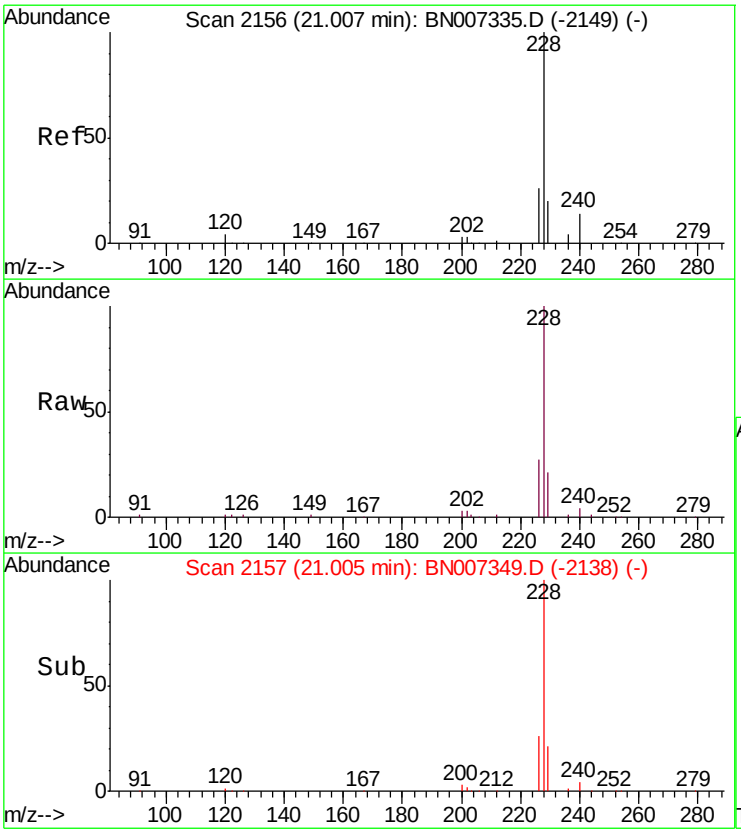
#29
Terphenyl-d14
Concen: 0.040 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:244 Resp: 2769

Ion	Ratio	Lower	Upper
244	100		
212	12.8	7.0	10.6#
122	21.5	9.6	14.4#

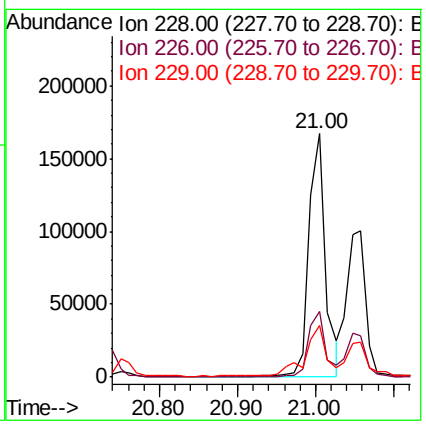


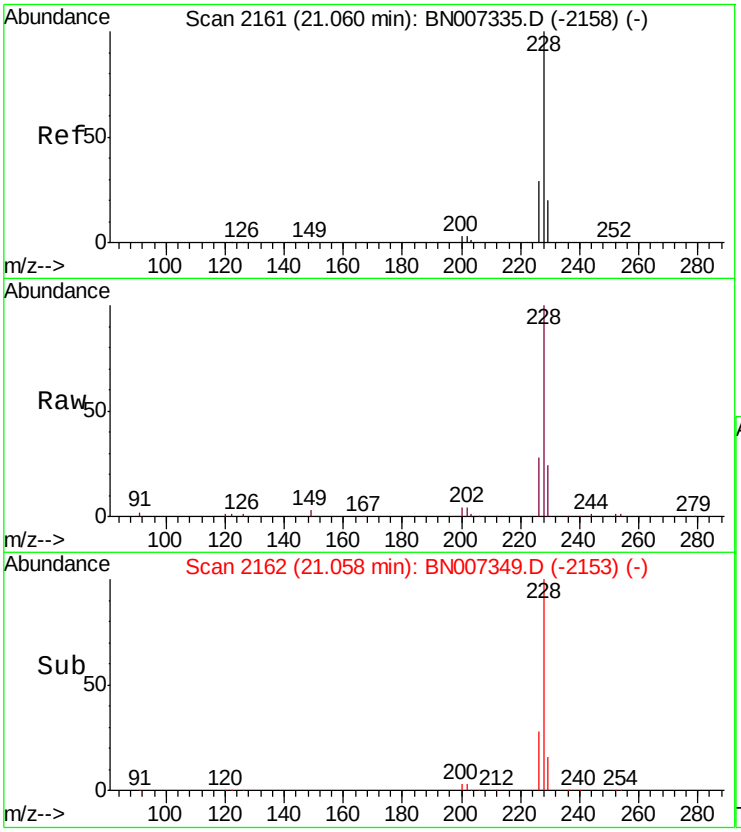


#30
Benzo(a)anthracene
Concen: 2.337 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:228 Resp: 243280

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	21.1	16.1	24.1



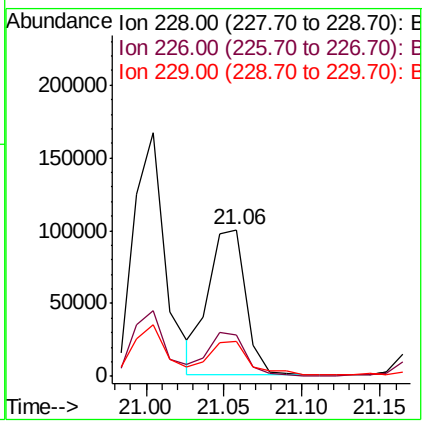


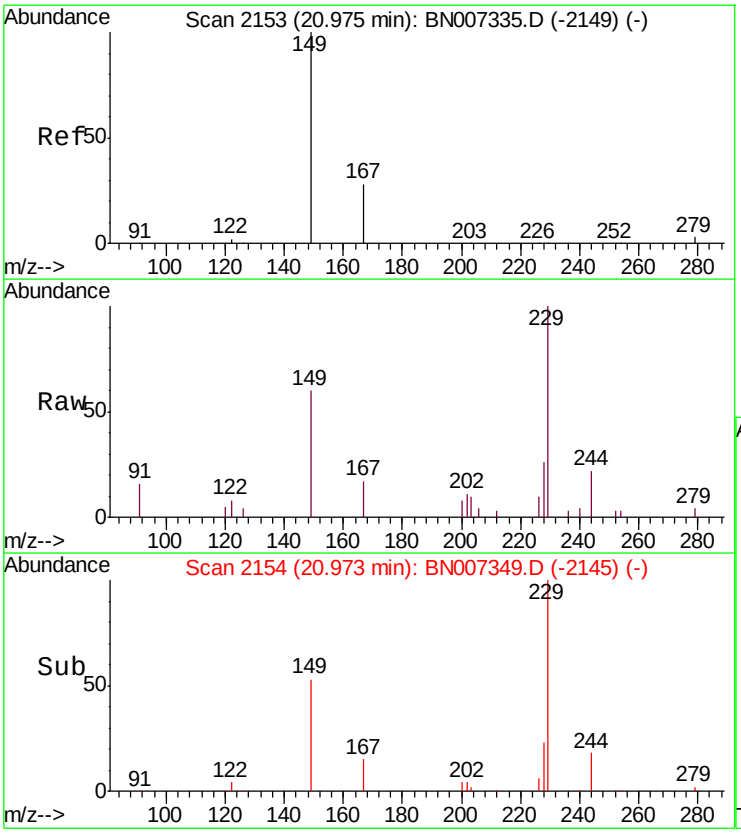
#31
Chrysene
Concen: 1.653 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:228 Resp: 166120

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.5	35.3
229	23.7	16.6	24.8

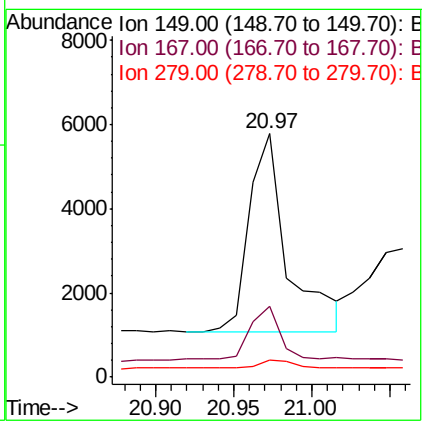


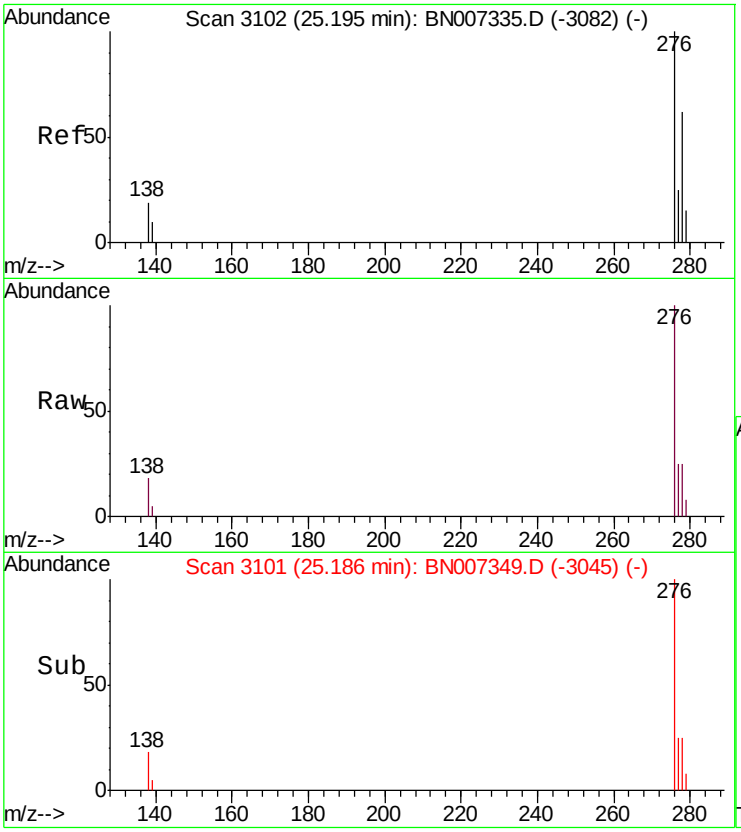


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.100 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:149 Resp: 8030

Ion	Ratio	Lower	Upper
149	100		
167	23.4	22.8	34.2
279	3.6	3.5	5.3



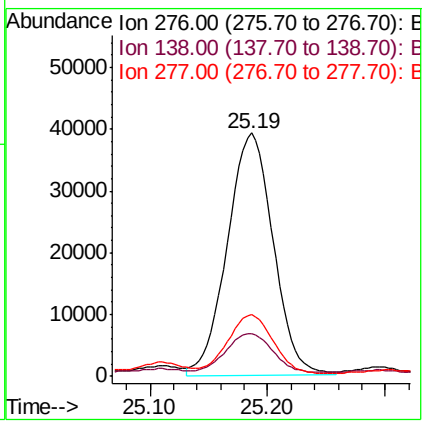


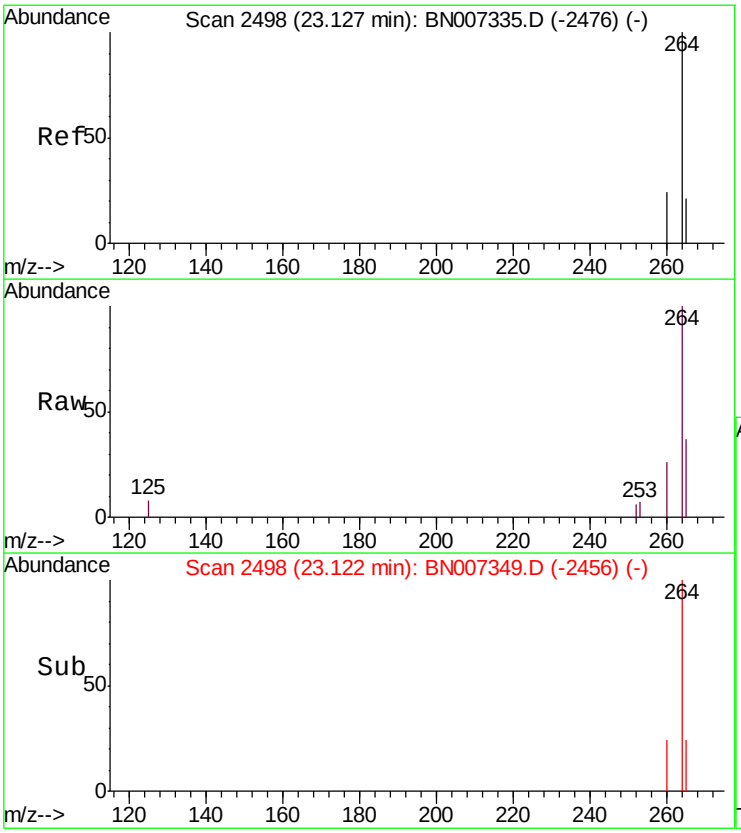
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.876 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:276 Resp: 106039

Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.1	22.7
277	24.5	19.7	29.5

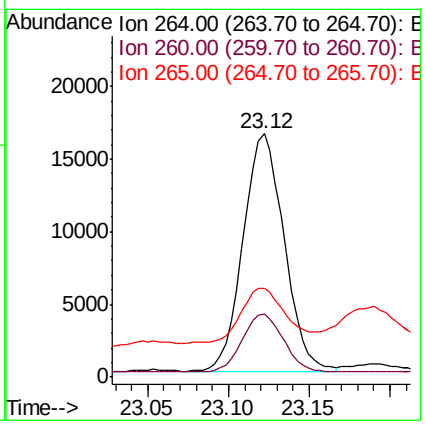


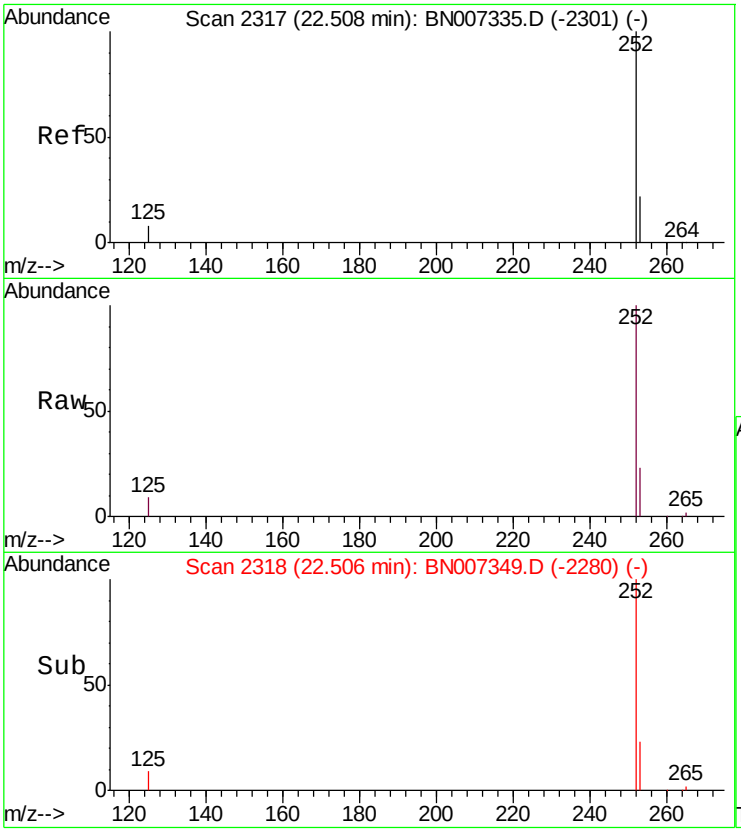


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:264 Resp: 28787

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.7	29.5
265	36.7	29.9	44.9



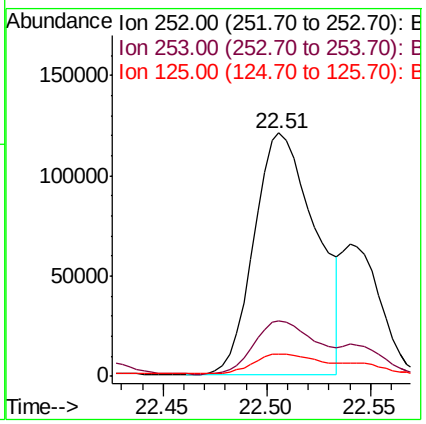


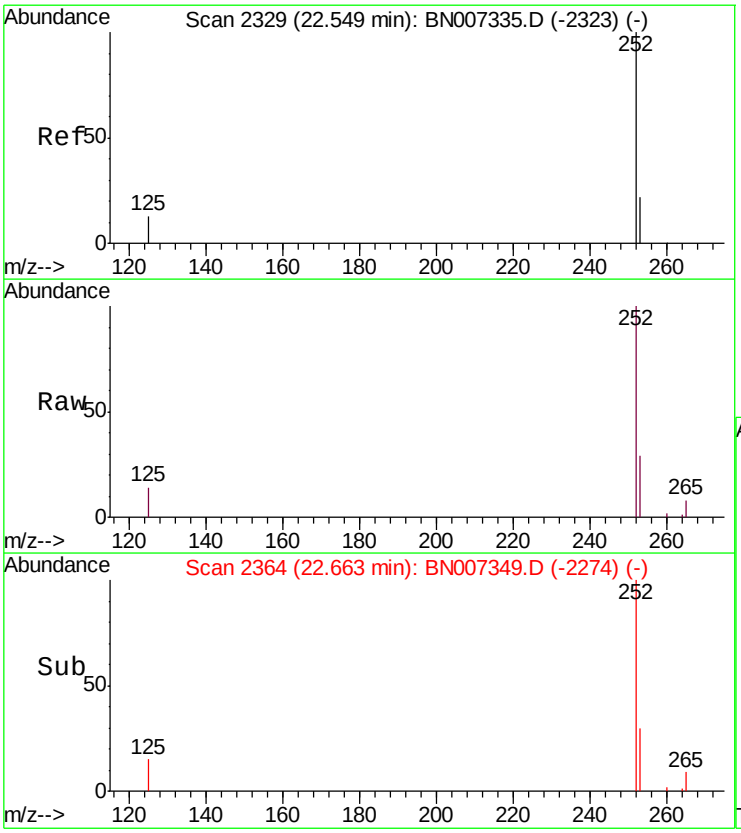
#35
Benzo(b)fluoranthene
Concen: 2.390 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:252 Resp: 249296

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	9.1	10.6	16.0#

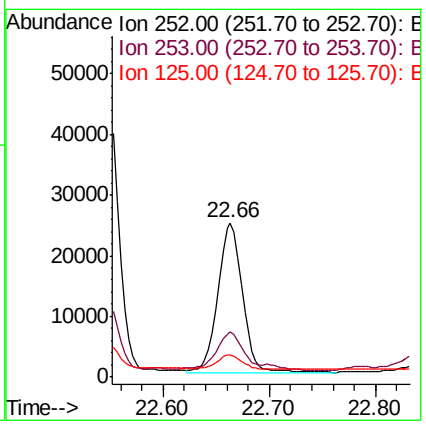


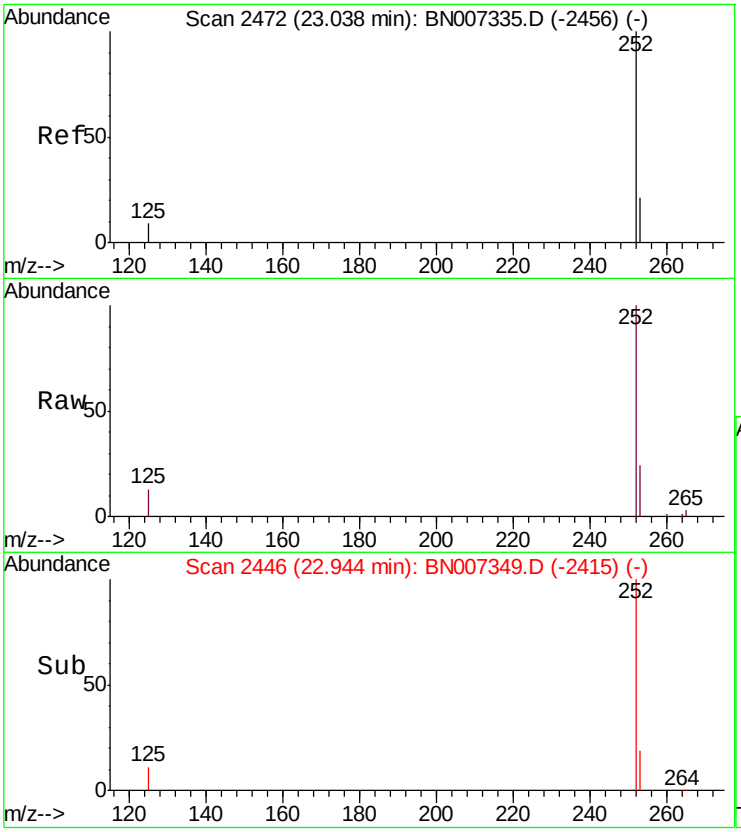


#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 22.66 min Scan# 2364
Delta R.T. 0.11 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:252 Resp: 39415

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.4	29.2
125	14.2	13.1	19.7



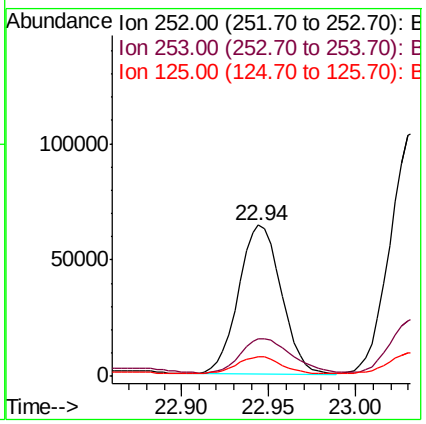


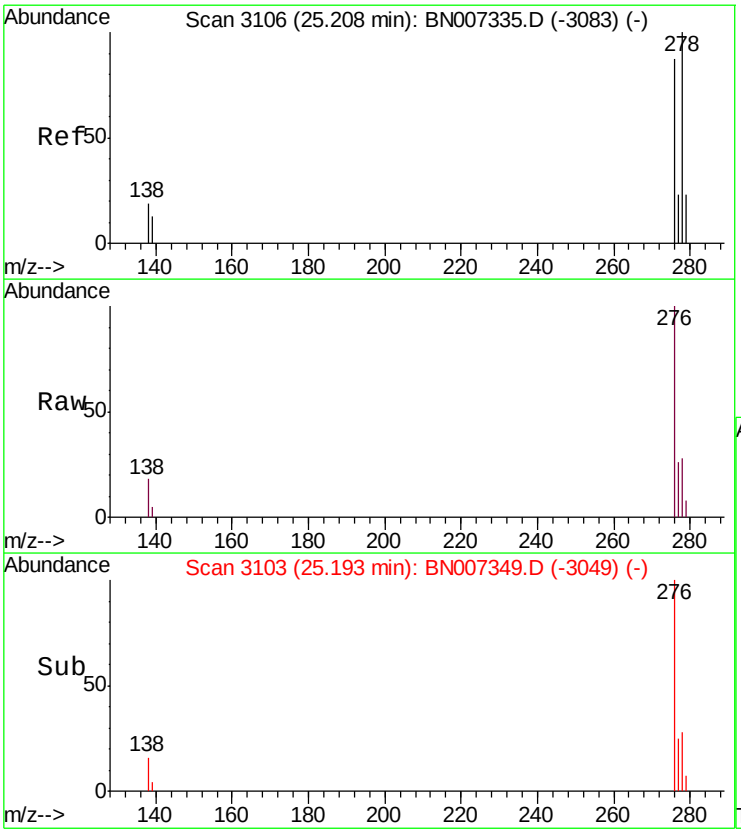
#37
Benzo(a)pyrene
Concen: 1.097 ng
RT: 22.94 min Scan# 2446
Delta R.T. -0.09 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:252 Resp: 108869

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.5	29.3
125	13.0	12.1	18.1

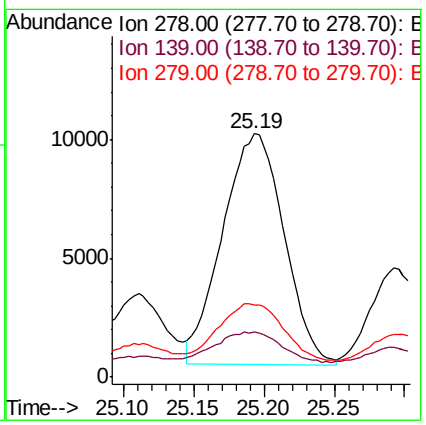


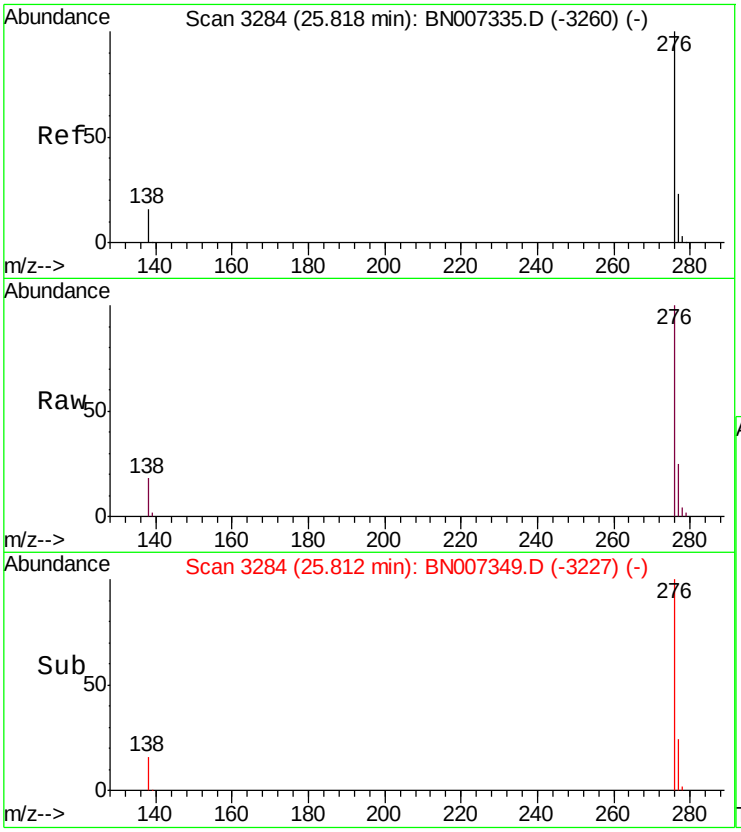


#38
Dibenzo(a,h)anthracene
Concen: 0.299 ng
RT: 25.19 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Tgt Ion:278 Resp: 29609

Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.7	20.5
279	29.7	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.935 ng
RT: 25.81 min Scan# 3284
Delta R.T. -0.01 min
Lab File: BN007349.D
Acq: 24 Aug 2019 04:38

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019DL

Tgt Ion:276 Resp: 92231

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.6	29.4
138	17.9	16.3	24.5