Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007578.D
Acq On : 10 Sep 2019 16:05
Operator : HP/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Sep 10 16:54:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 14:23:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	4813	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	20640	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	12267	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	29254	0.40	ng		0.00
27) Chrysene-d12	21.28	240	32106	0.40	ng		0.00
34) Perylene-d12	23.51	264	30200	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	73225	4.08	ng		0.00
5) Phenol-d6	6.90	99	99469	4.23	ng		0.00
8) Nitrobenzene-d5	8.86	82	72817	4.05	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	187502	5.47	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	26672	4.16	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	261762	5.29	ng		0.00
25) Fluoranthene-d10	19.12	212	509835	5.41	ng		0.00
29) Terphenyl-d14	19.73	244	421305	5.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	34038	4.256	ng	#	85
6) bis(2-Chloroethyl)ether	7.16	93	73280	4.215	ng	#	76
9) Naphthalene	10.54	128	301179	5.106	ng		98
10) Hexachlorobutadiene	10.85	225	59404	4.917	ng	#	99
12) 2-Methylnaphthalene	12.16	142	212595	5.292	ng		100
16) Acenaphthylene	14.06	152	358420	4.938	ng		100
17) Acenaphthene	14.41	154	220797	5.199	ng		98
18) Fluorene	15.40	166	288379	5.369	ng		99
20) 4-Bromophenyl-phenylether	16.29	248	93130	8.073	ng		96
21) Hexachlorobenzene	16.41	284	96070	4.899	ng		99
22) Pentachlorophenol	16.74	266	32851	5.392	ng		97
23) Phenanthrene	17.13	178	478963	5.443	ng		100
24) Anthracene	17.22	178	455976	5.152	ng		100
26) Fluoranthene	19.15	202	581119	5.143	ng		100
28) Pyrene	19.52	202	586805	4.543	ng		100
30) Benzo(a)anthracene	21.26	228	620647	4.922	ng		100
31) Chrysene	21.31	228	604262	4.965	ng		99
32) Bis(2-ethylhexyl)phthalate	21.23	149	240959	2.551	ng		98
33) Indeno(1,2,3-cd)pyrene	25.74	276	654131	4.462	ng	#	100
35) Benzo(b)fluoranthene	22.84	252	591185	5.403	ng		97
36) Benzo(k)fluoranthene	22.89	252	582437	5.386	ng		97
37) Benzo(a)pyrene	23.41	252	537130	5.158	ng		97
38) Dibenzo(a,h)anthracene	25.76	278	534368	5.143	ng		97
39) Benzo(g,h,i)perylene	26.41	276	533976	5.158	ng		99

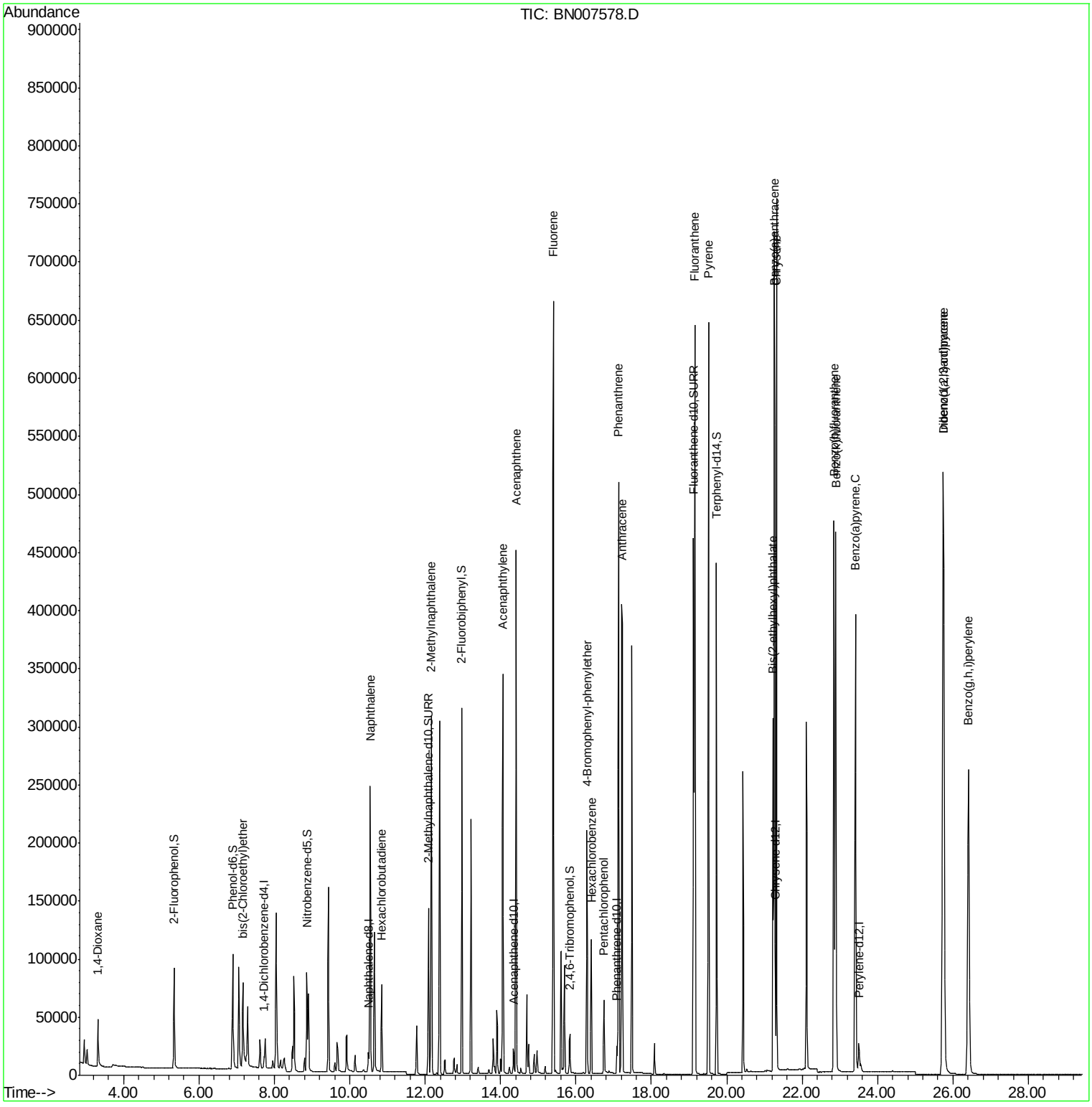
(#) = qualifier out of range (m) = manual integration (+) = signals summed

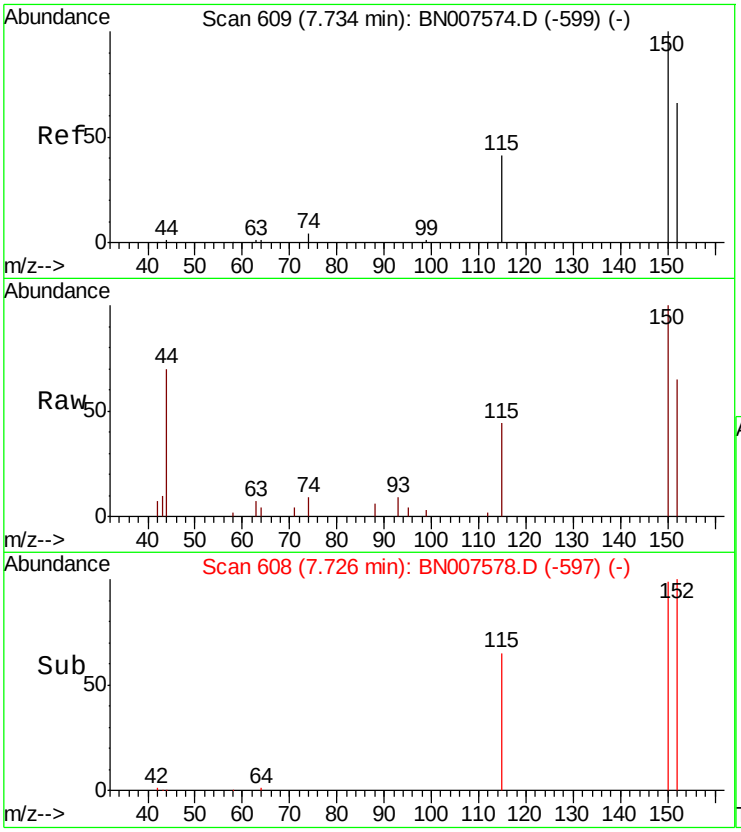
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007578.D
Acq On : 10 Sep 2019 16:05
Operator : HP/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Sep 10 16:54:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 14:23:13 2019
Response via : Initial Calibration



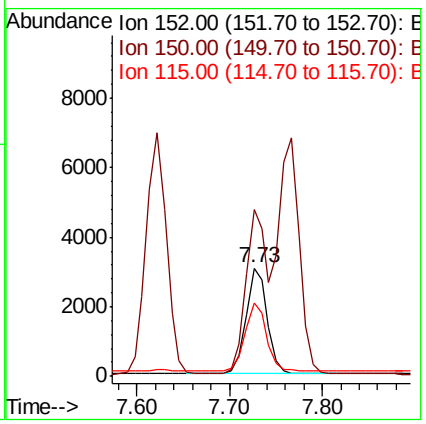


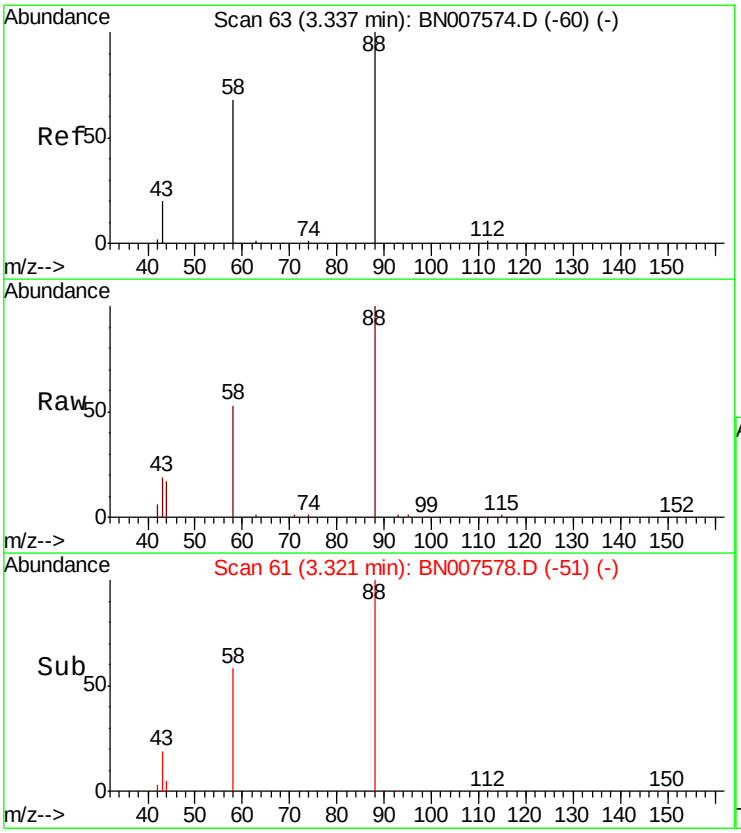
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 4813

Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.5	179.3
115	68.2	53.0	79.6

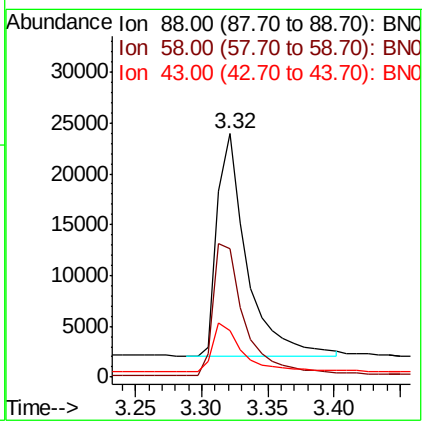


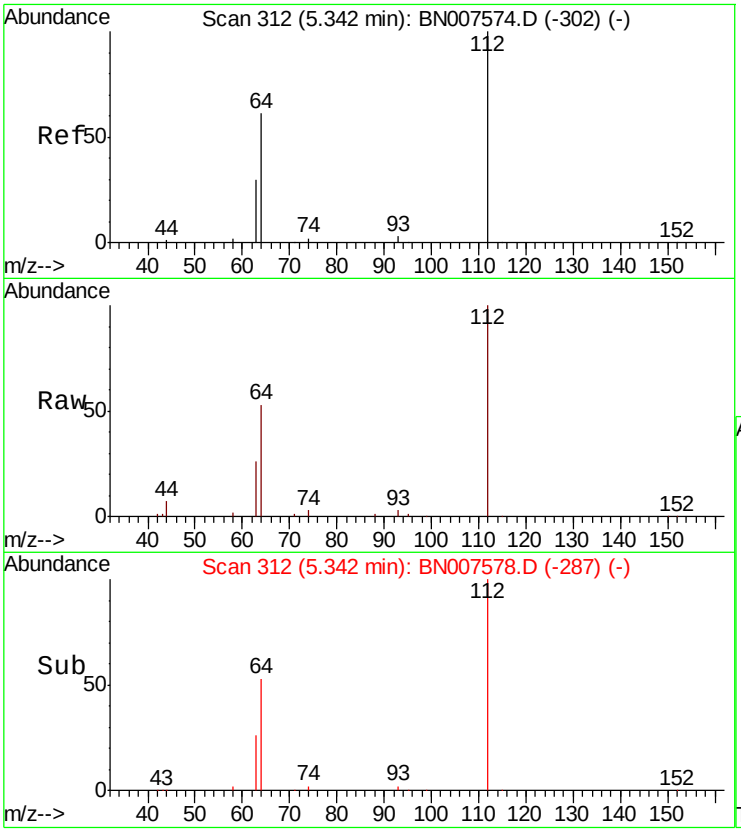


#2
1,4-Dioxane
Concen: 4.256 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion: 88 Resp: 34038

Ion	Ratio	Lower	Upper
88	100		
58	64.4	64.6	96.8#
43	22.5	19.2	28.8



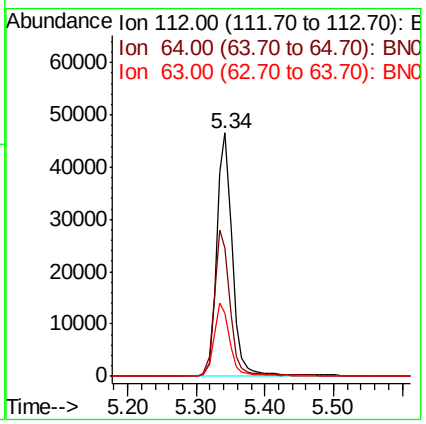


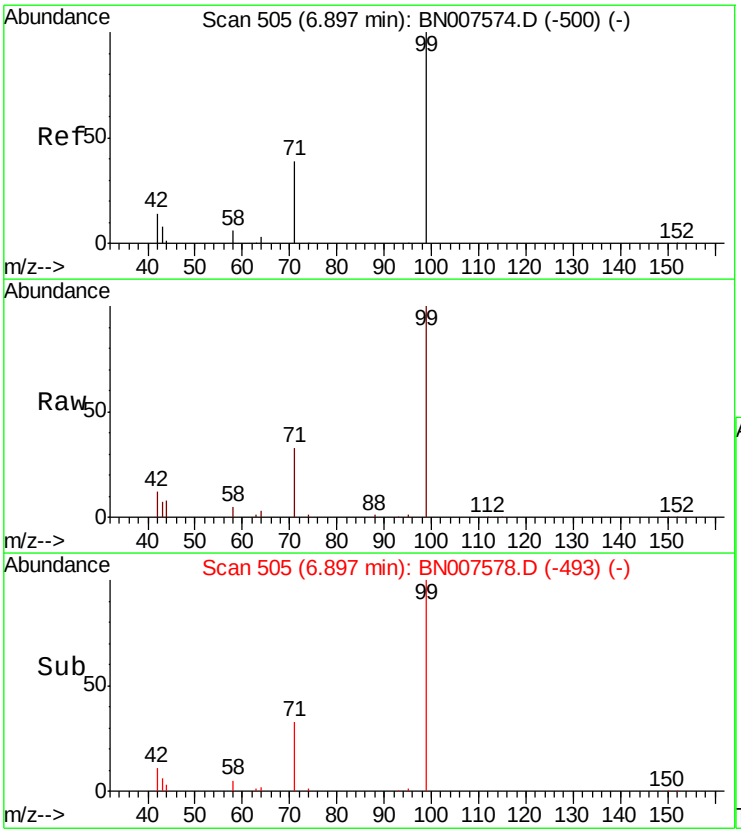
#4
2-Fluorophenol
Concen: 4.084 ng
RT: 5.34 min Scan# 312
Delta R.T. 0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:112 Resp: 73225

Ion	Ratio	Lower	Upper
112	100		
64	60.7	49.2	73.8
63	30.3	26.0	39.0

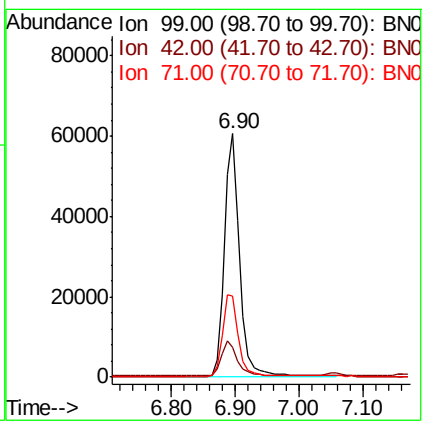


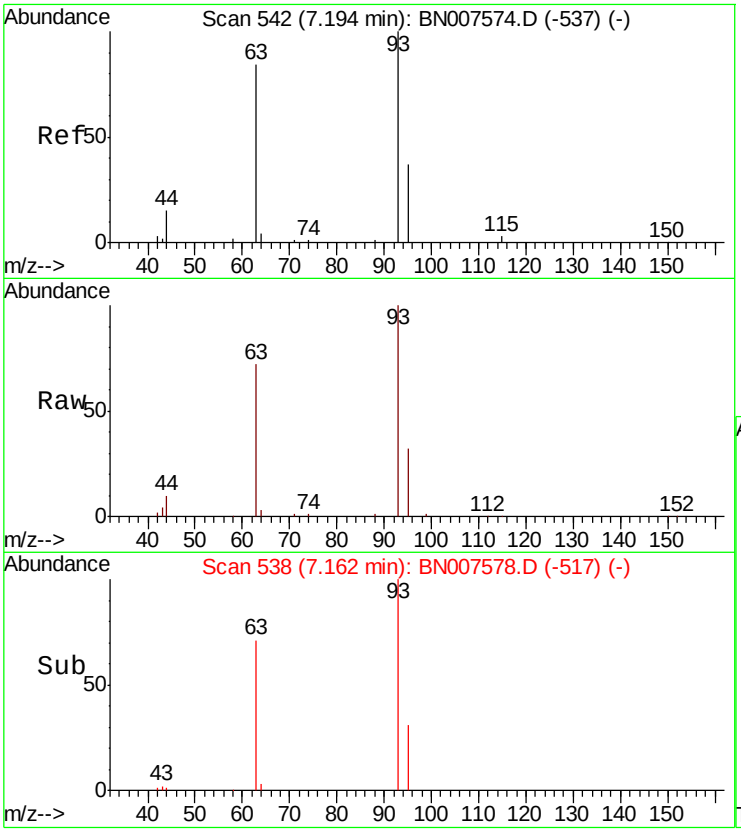


#5
Phenol-d6
Concen: 4.232 ng
RT: 6.90 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion: 99 Resp: 99469

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.8	17.8
71	35.6	28.8	43.2



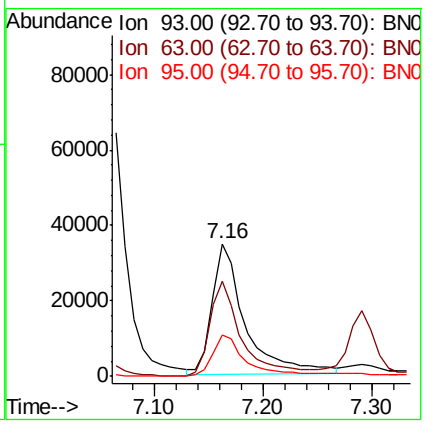


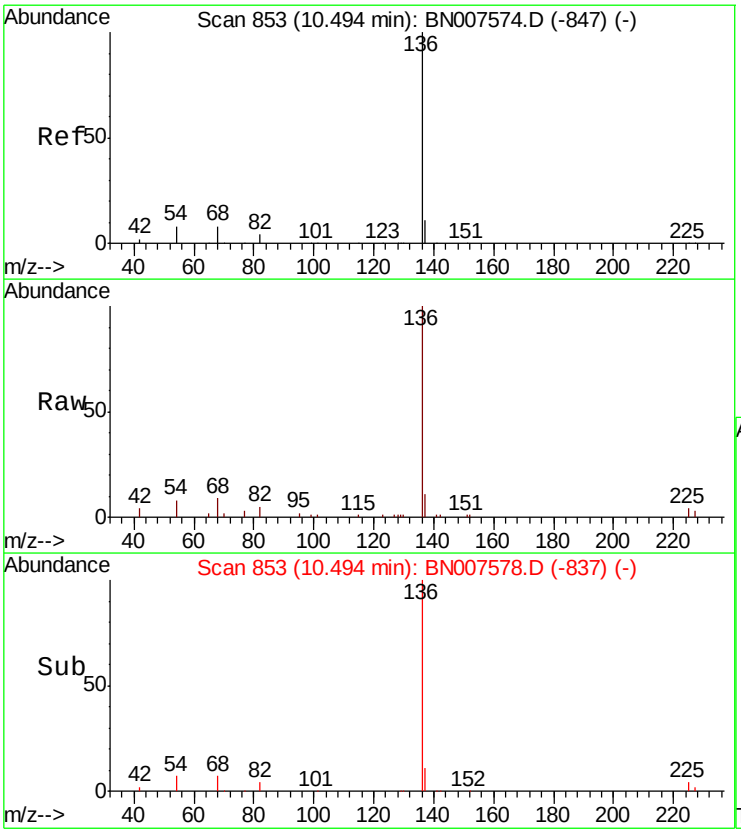
#6
bis(2-Chloroethyl)ether
Concen: 4.215 ng
RT: 7.16 min Scan# 538
Delta R.T. -0.03 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 93 Resp: 73280

Ion	Ratio	Lower	Upper
93	100		
63	69.0	69.8	104.6#
95	31.1	42.8	64.2#

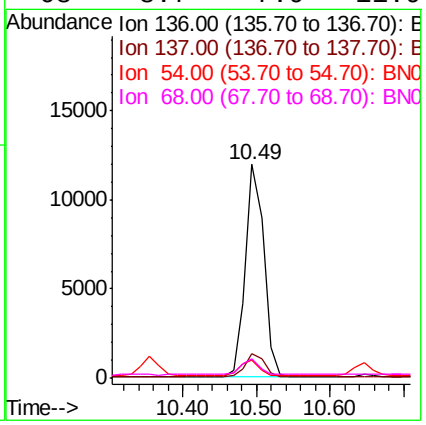


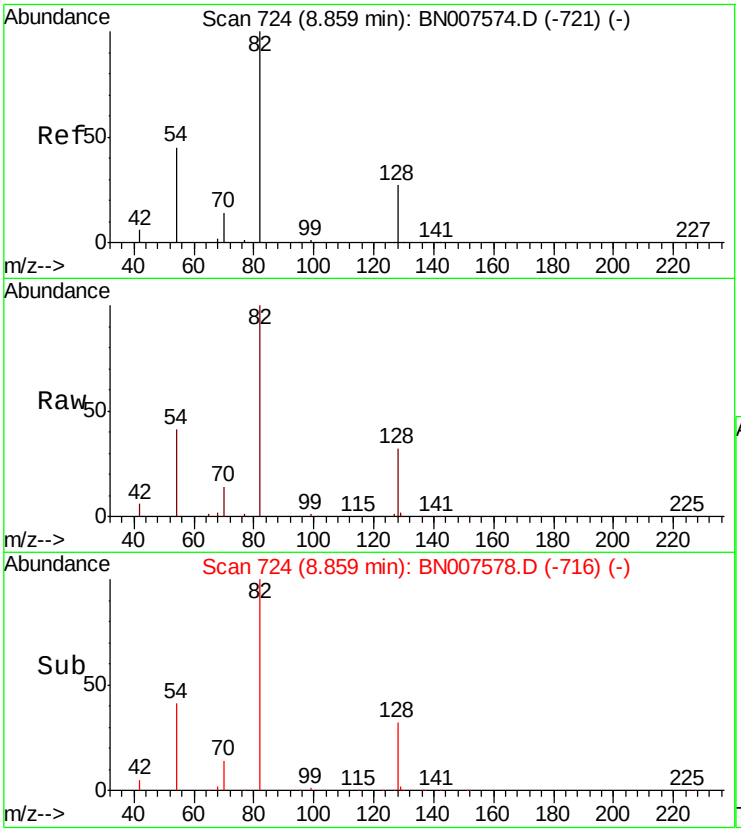


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. 0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:136 Resp: 20640

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.4	7.5	11.3
68	8.7	7.9	11.9



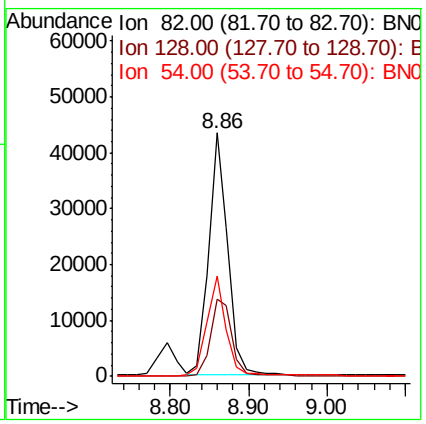


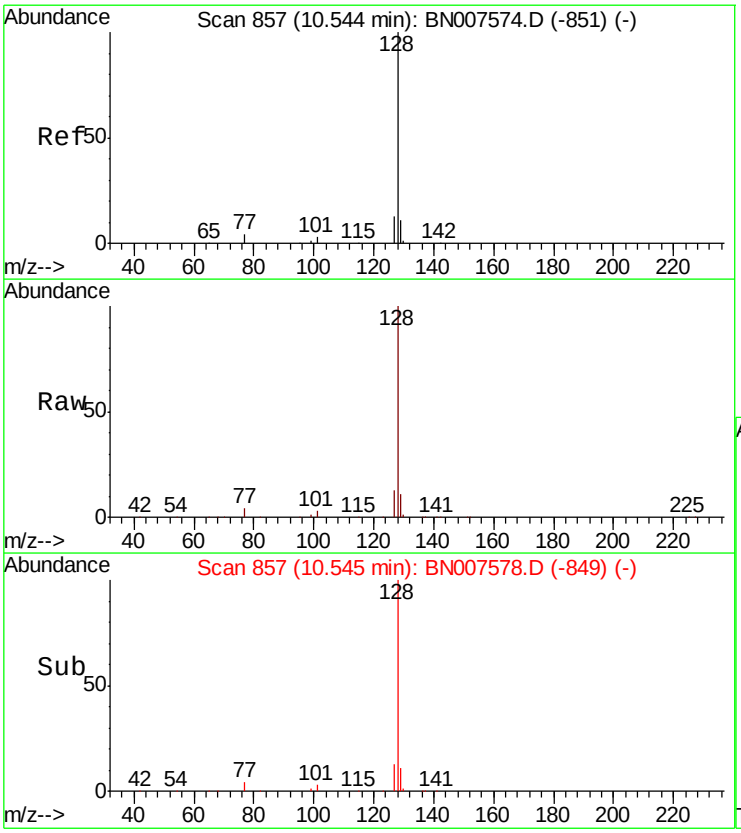
#8
Nitrobenzene-d5
Concen: 4.054 ng
RT: 8.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 82 Resp: 72817

Ion	Ratio	Lower	Upper
82	100		
128	31.7	23.4	35.2
54	41.1	38.2	57.2

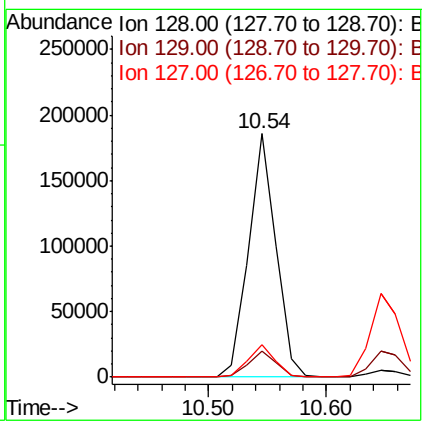


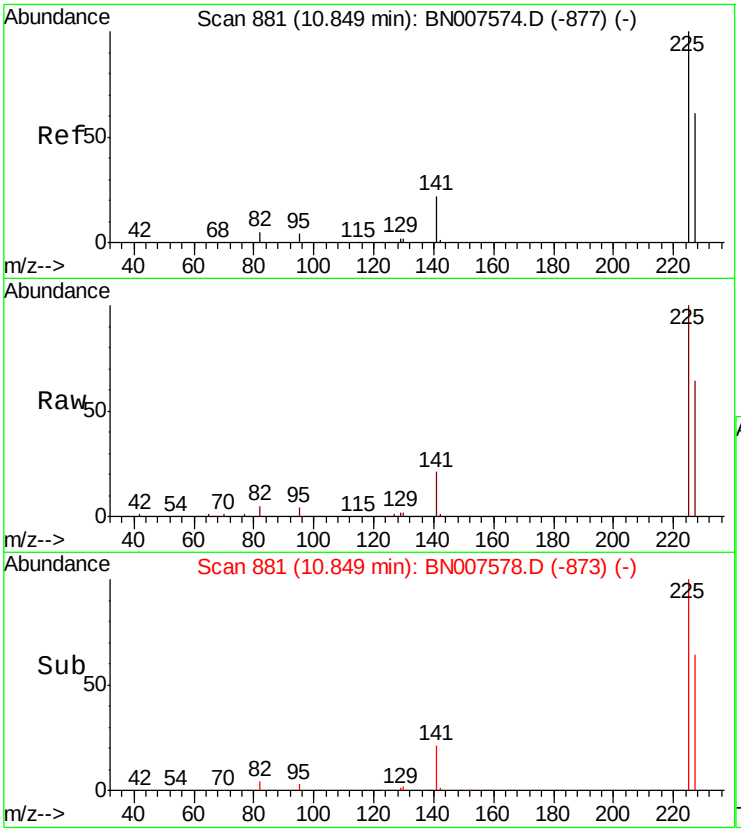


#9
Naphthalene
Concen: 5.106 ng
RT: 10.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:128 Resp: 301179

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	13.1	11.0	16.4



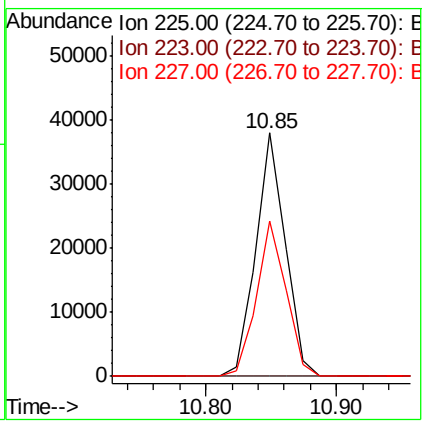


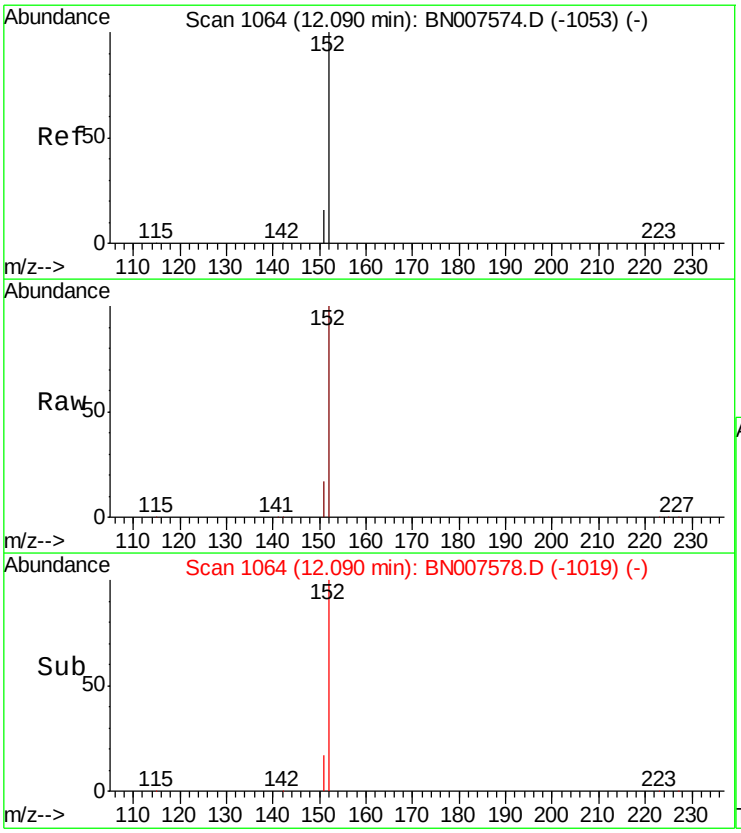
#10
Hexachlorobutadiene
Concen: 4.917 ng
RT: 10.85 min Scan# 881
Delta R.T. 0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:225 Resp: 59404

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.4	75.6

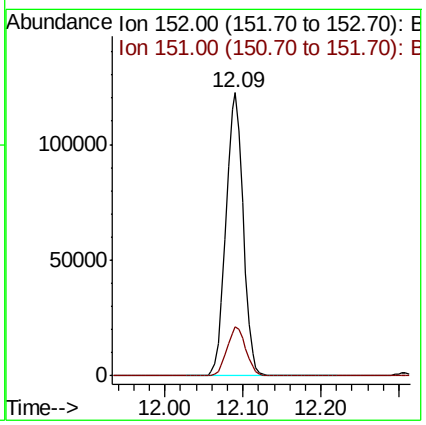


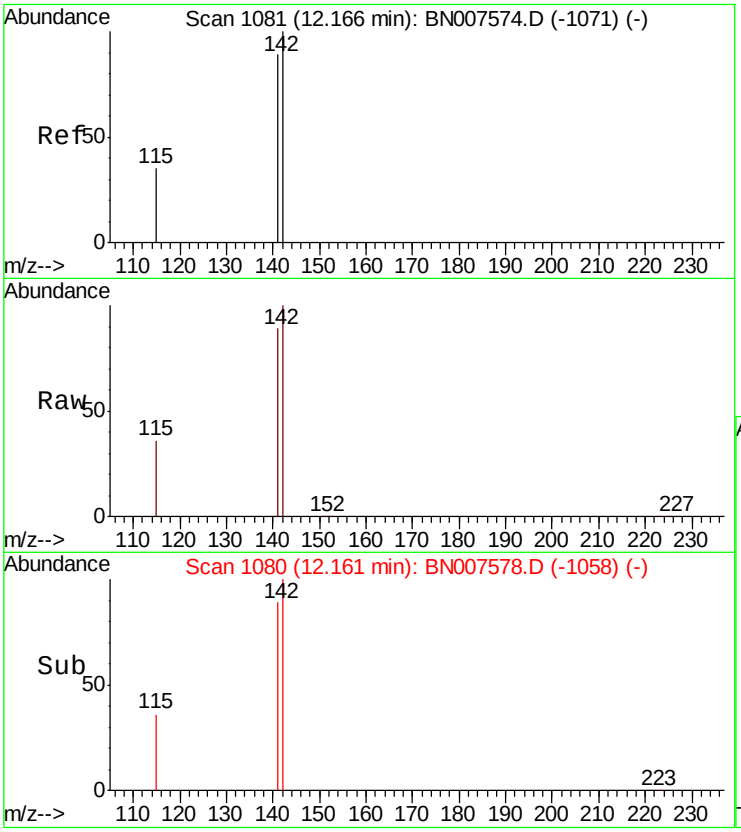


#11
2-Methylnaphthalene-d10
Concen: 5.467 ng
RT: 12.09 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:152 Resp: 187502

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9



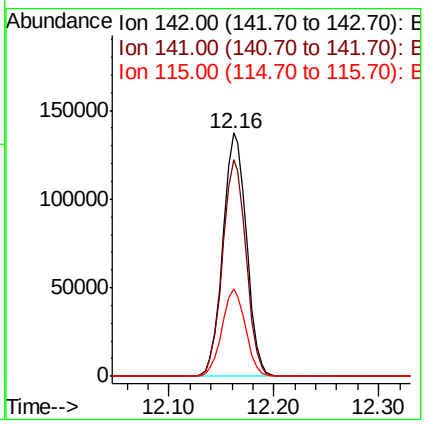


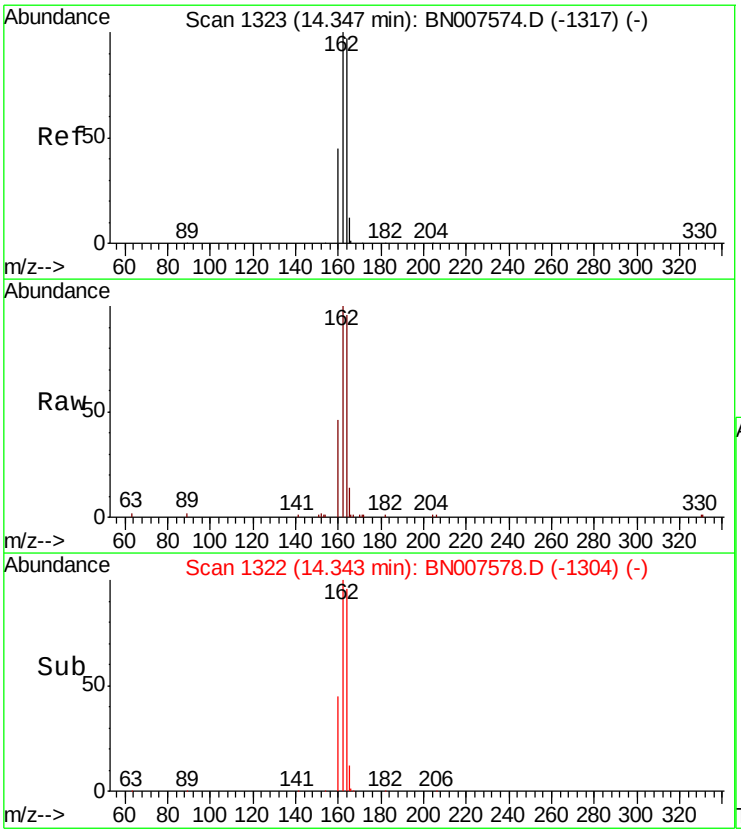
#12
2-Methylnaphthalene
Concen: 5.292 ng
RT: 12.16 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:142 Resp: 212595

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	35.9	29.1	43.7

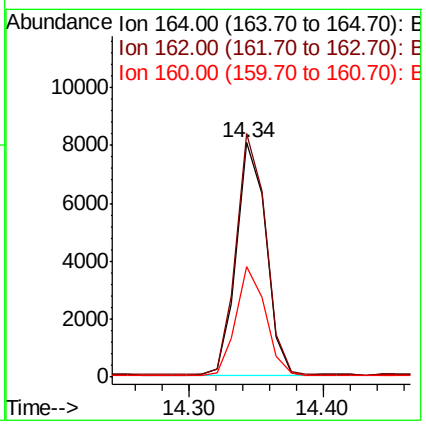


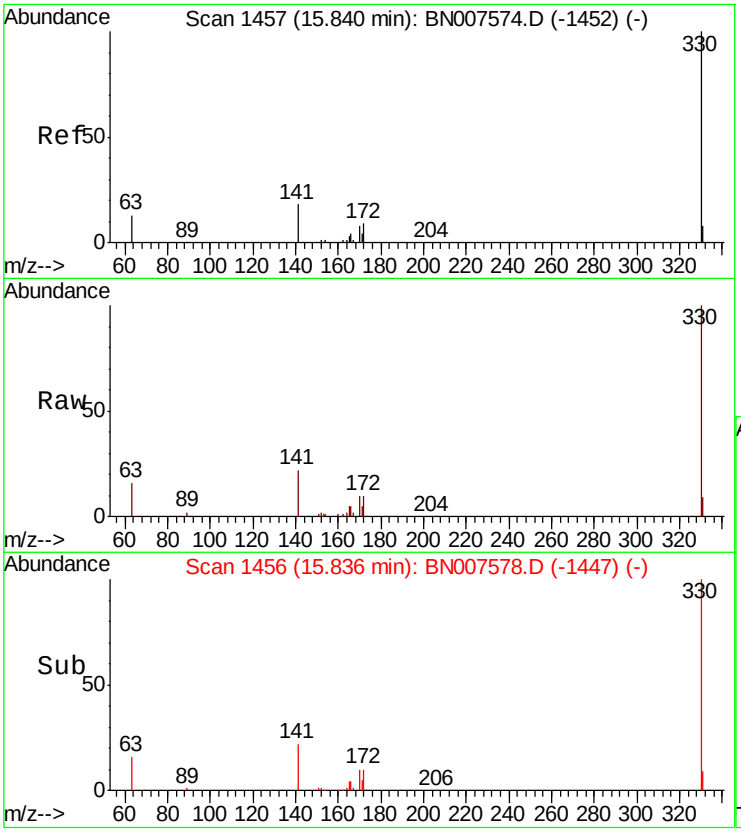


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:164 Resp: 12267

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.2
160	47.4	37.4	56.0



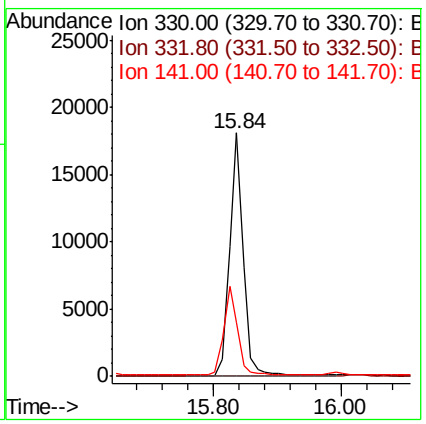


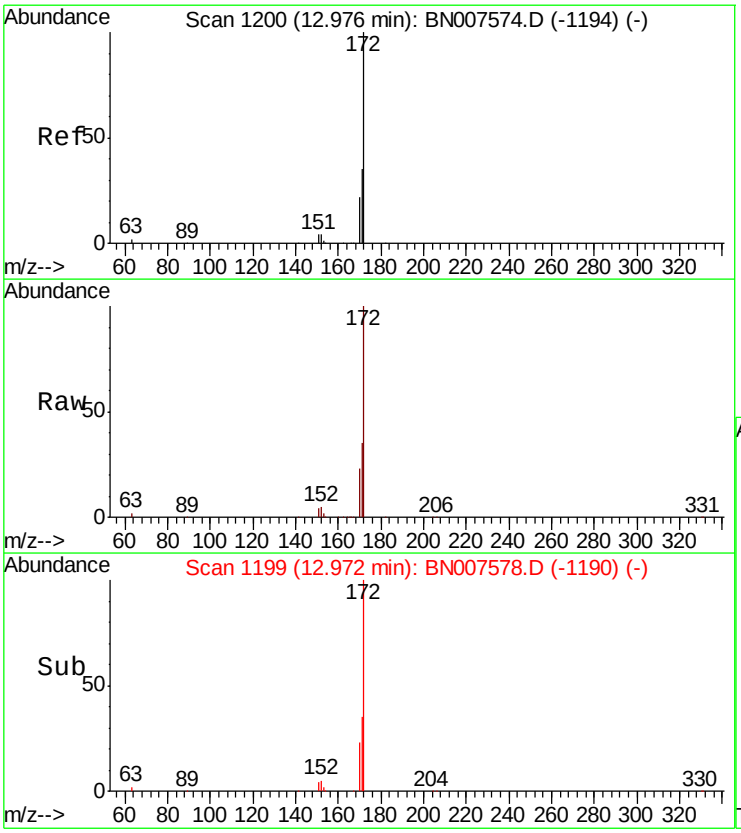
#14
2,4,6-Tribromophenol
Concen: 4.156 ng
RT: 15.84 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:330 Resp: 26672

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.9	30.6	45.8

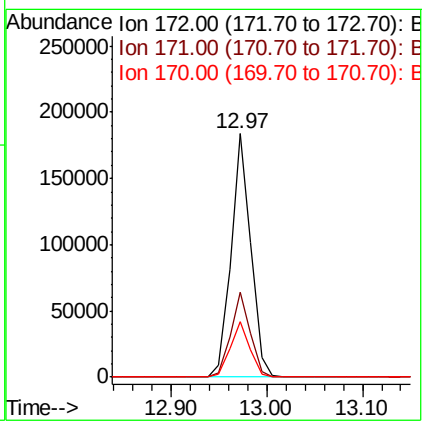


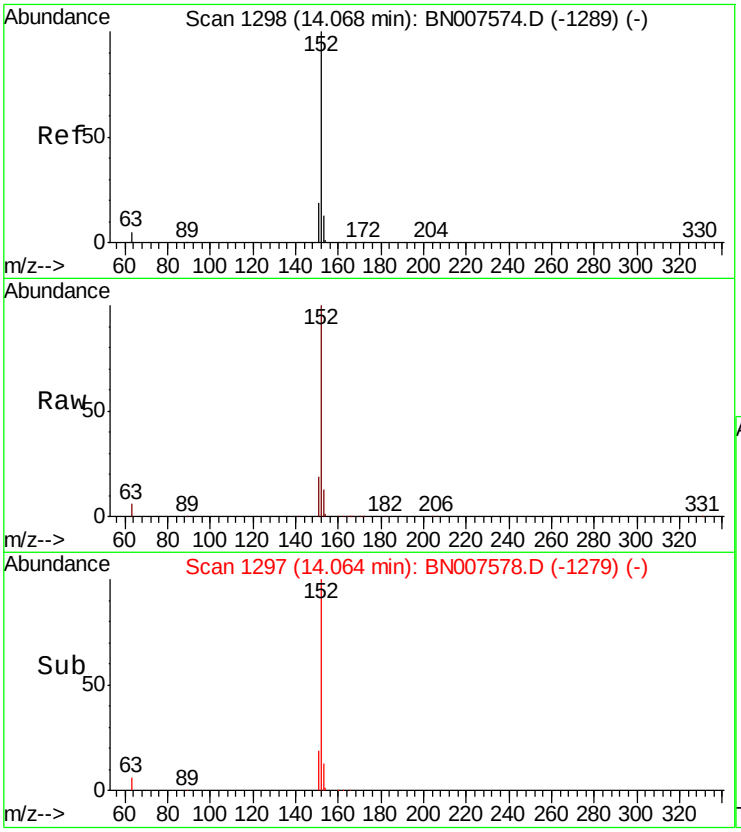


#15
2-Fluorobiphenyl
Concen: 5.291 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:172 Resp: 261762

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	22.8	18.3	27.5



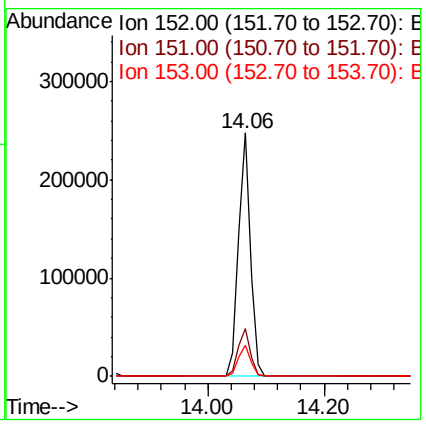


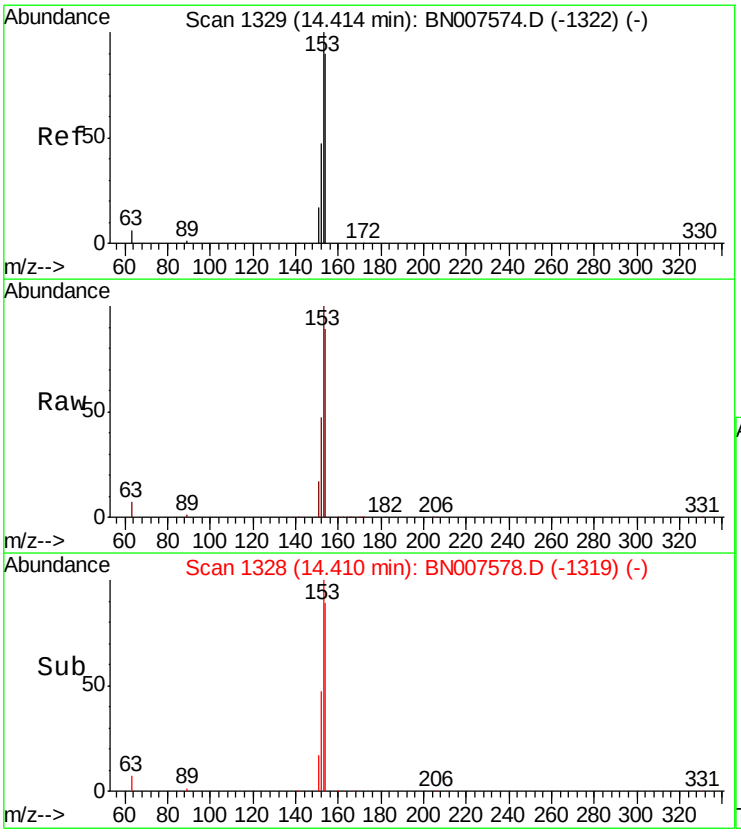
#16
Acenaphthylene
Concen: 4.938 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 358420

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.4	15.6

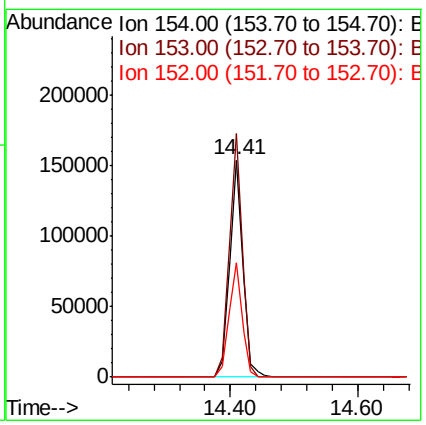


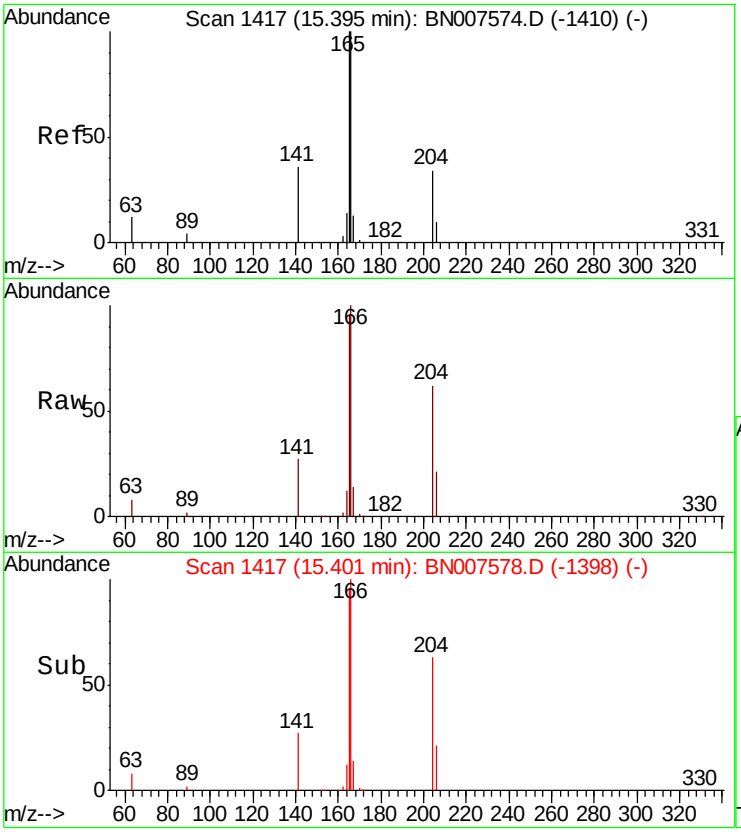


#17
Acenaphthene
Concen: 5.199 ng
RT: 14.41 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:154 Resp: 220797

Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.4	134.2
152	52.7	43.4	65.0



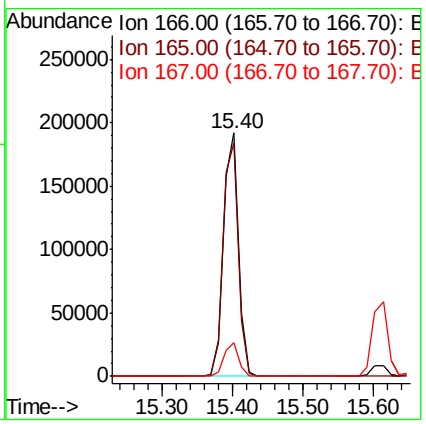


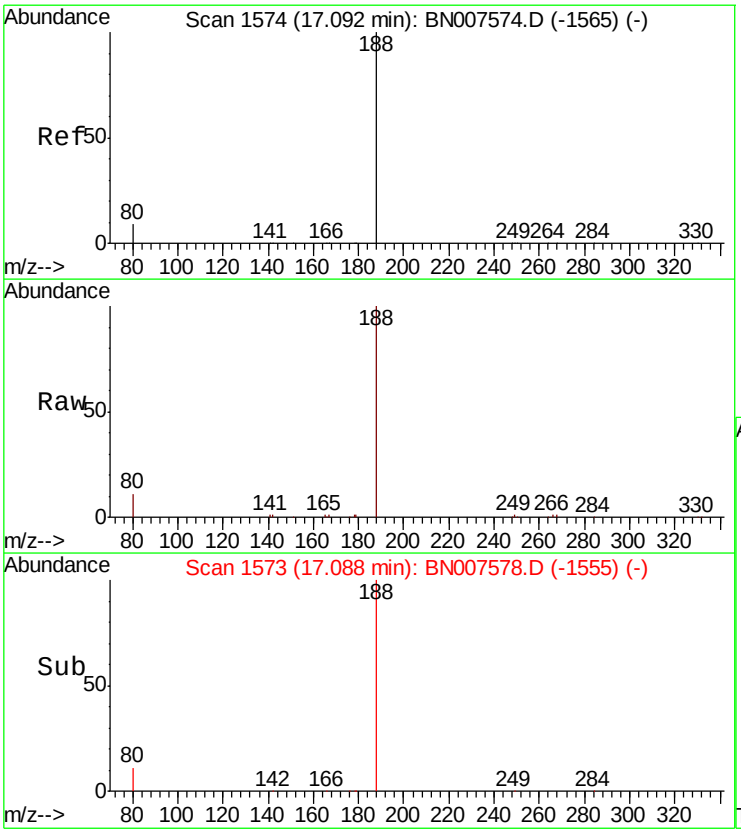
#18
Fluorene
Concen: 5.369 ng
RT: 15.40 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:166 Resp: 288379

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.6
167	13.5	11.0	16.4

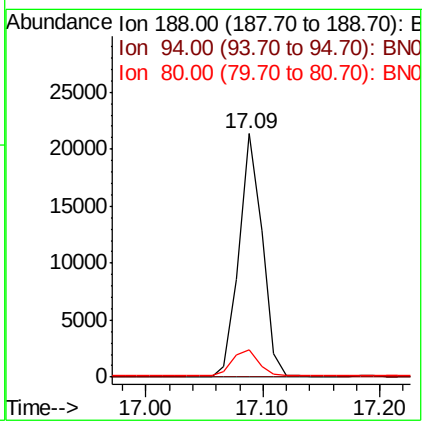


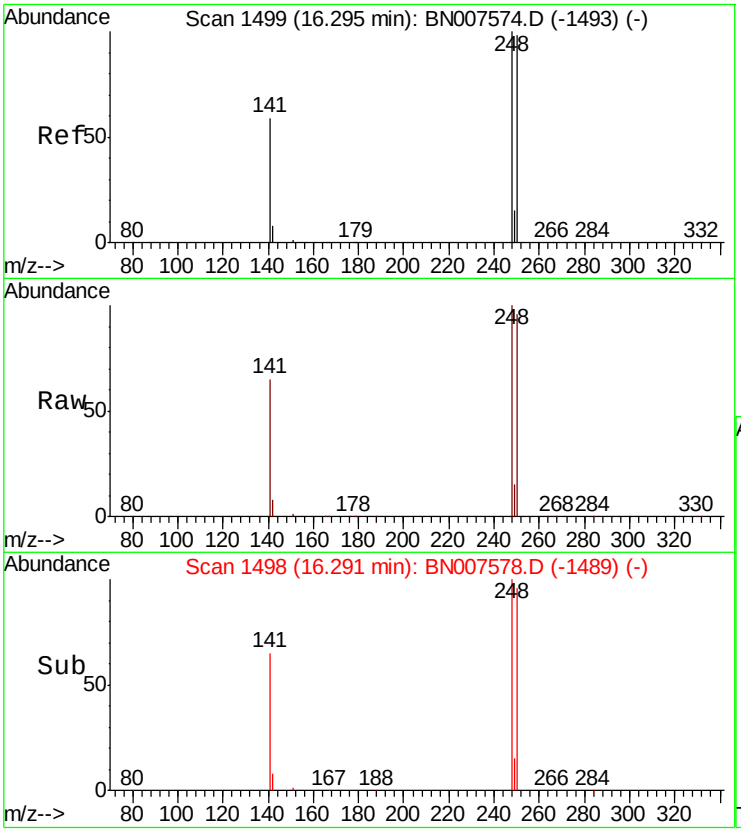


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:188 Resp: 29254

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	8.1	12.1



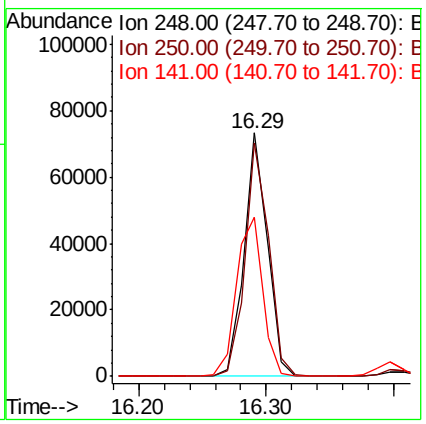


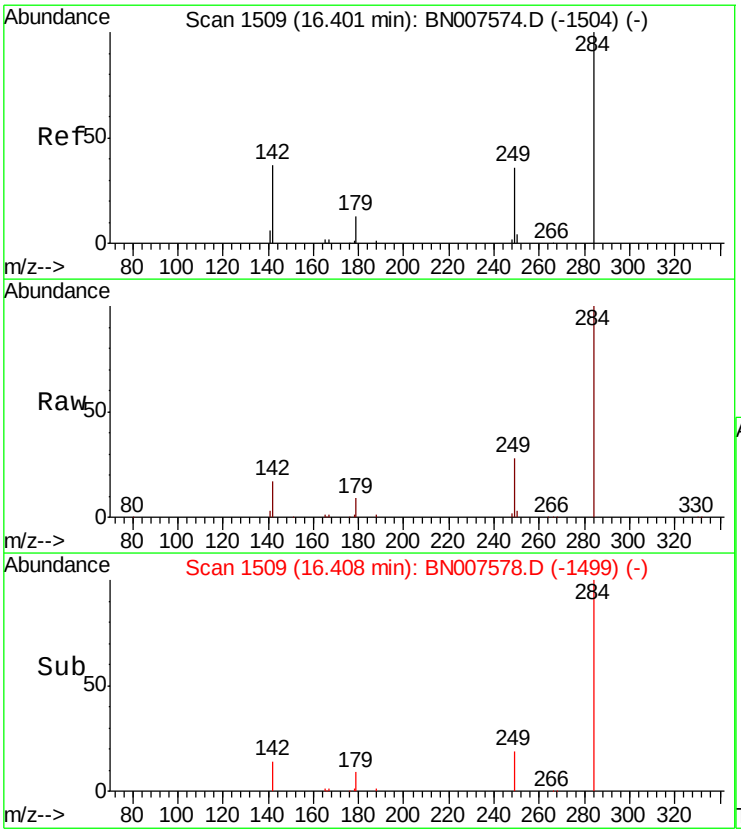
#20
4-Bromophenyl-phenylether
Concen: 8.073 ng
RT: 16.29 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 93130

Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.9	118.3
141	65.2	48.3	72.5

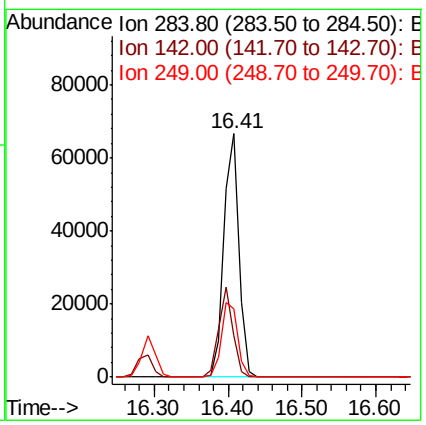


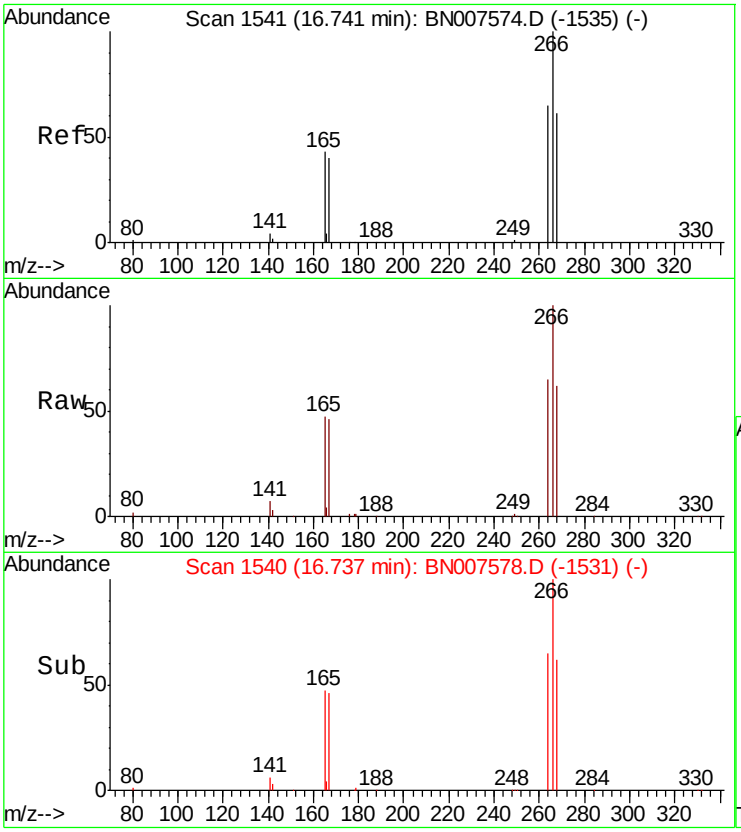


#21
Hexachlorobenzene
Concen: 4.899 ng
RT: 16.41 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:284 Resp: 96070

Ion	Ratio	Lower	Upper
284	100		
142	34.4	27.9	41.9
249	32.3	26.0	39.0



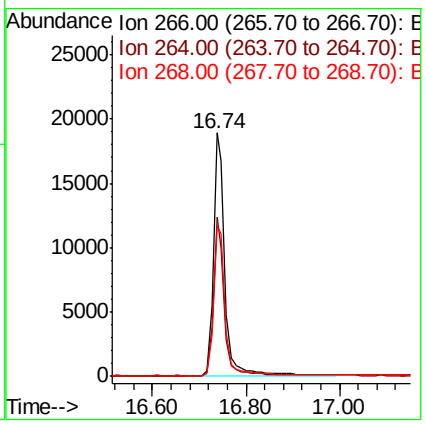


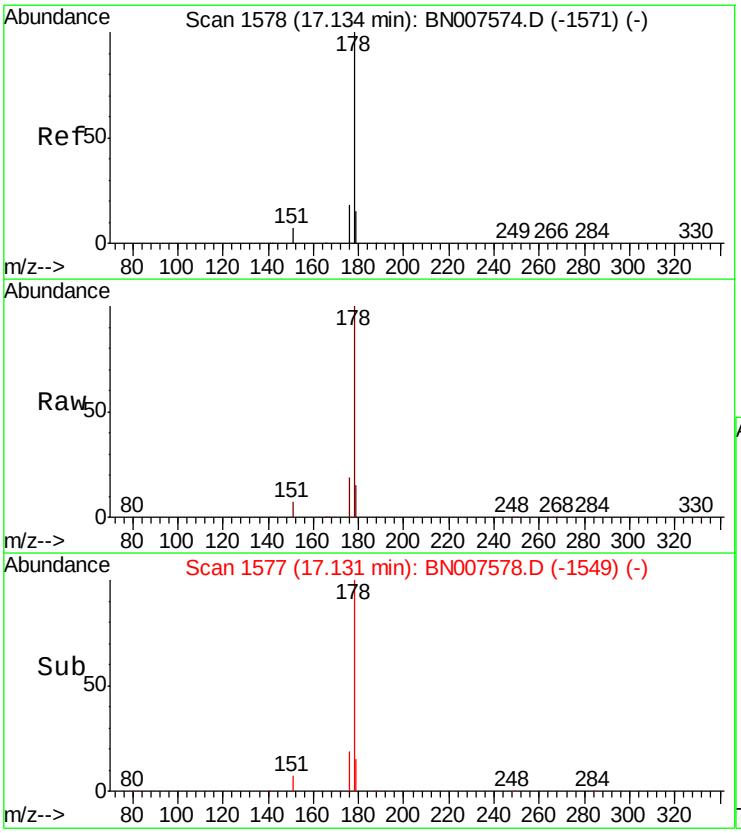
#22
Pentachlorophenol
Concen: 5.392 ng
RT: 16.74 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:266 Resp: 32851

Ion	Ratio	Lower	Upper
266	100		
264	65.2	52.0	78.0
268	61.9	53.5	80.3

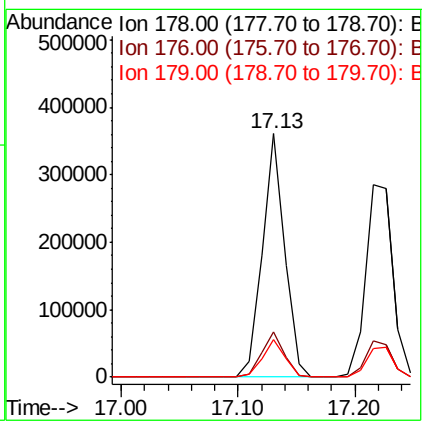


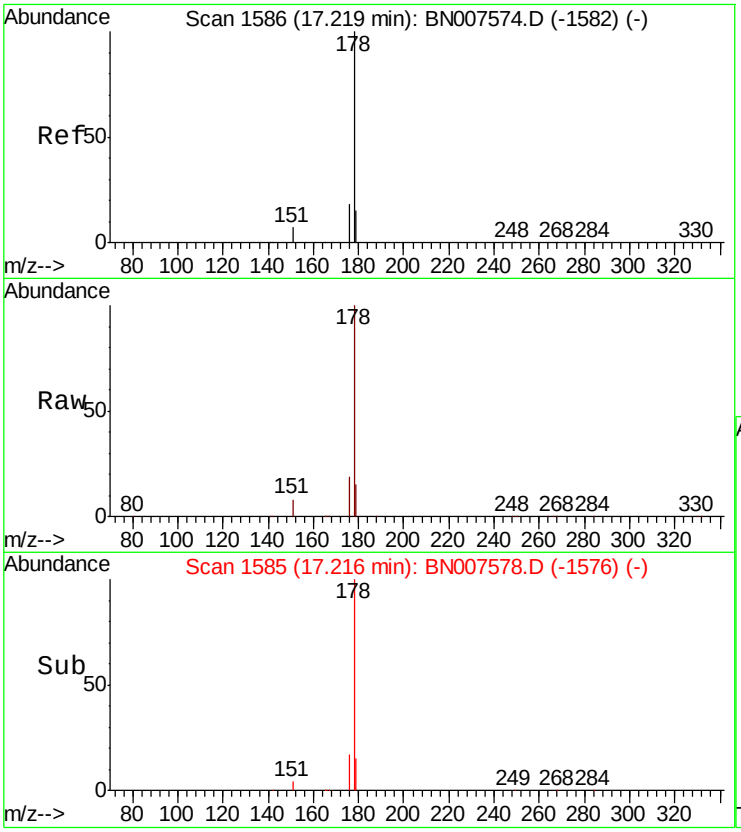


#23
Phenanthrene
Concen: 5.443 ng
RT: 17.13 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:178 Resp: 478963

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.2	18.2



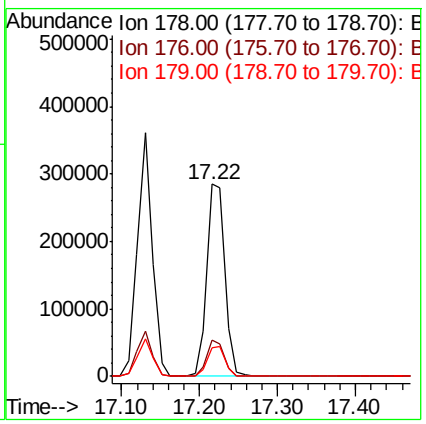


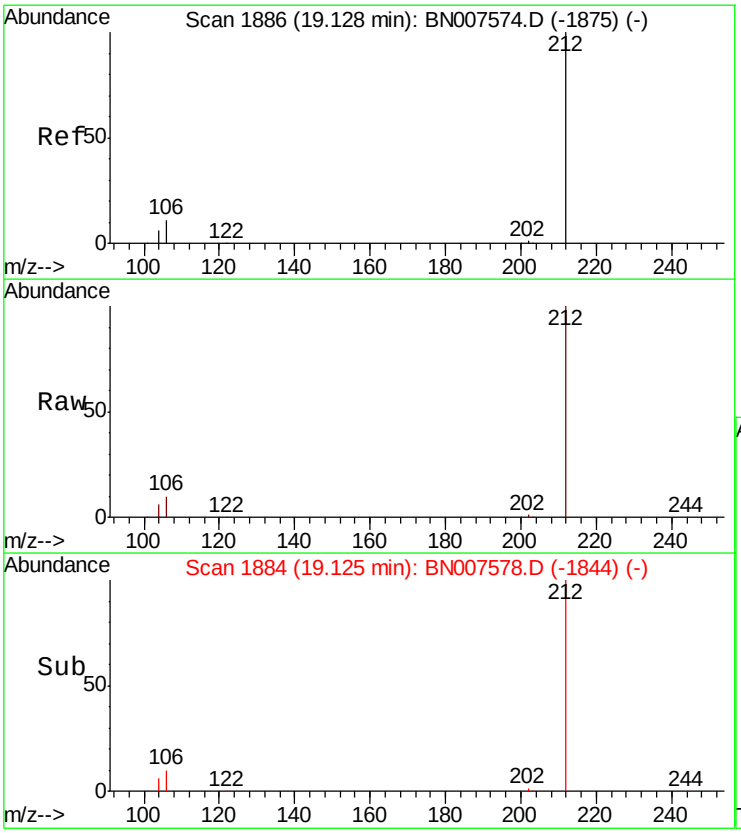
#24
Anthracene
Concen: 5.152 ng
RT: 17.22 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 455976

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.4	21.6
179	15.3	12.5	18.7

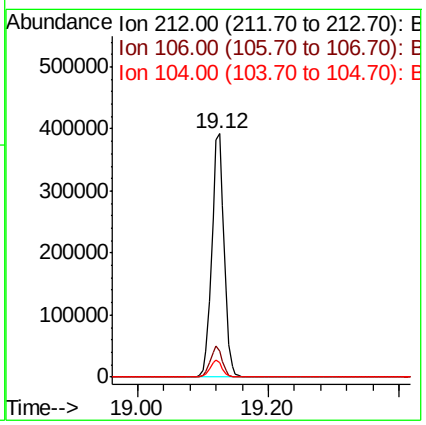


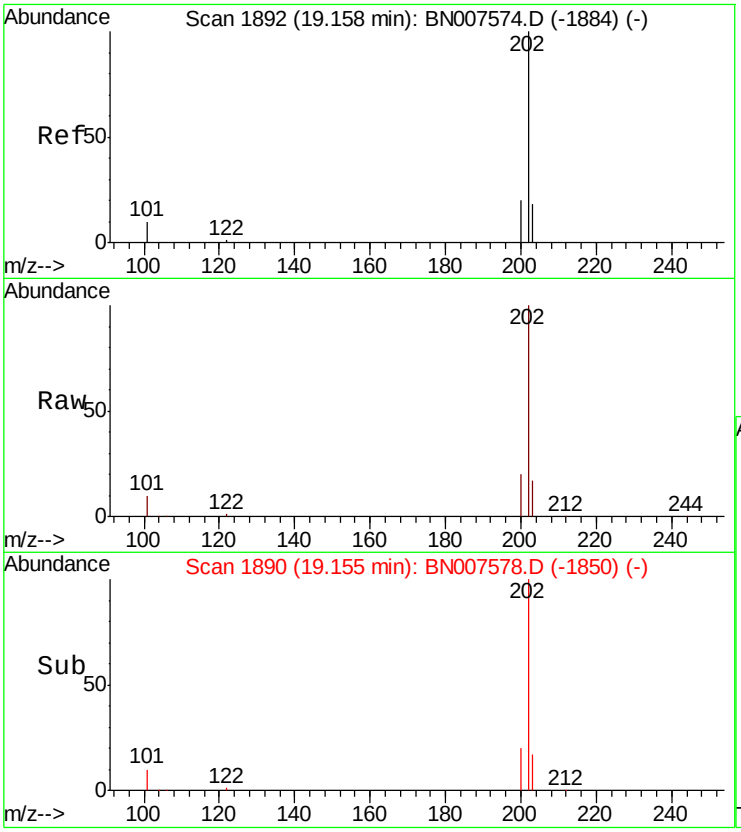


#25
Fluoranthene-d10
Concen: 5.411 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:212 Resp: 509835

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.7	14.5
104	6.8	5.5	8.3



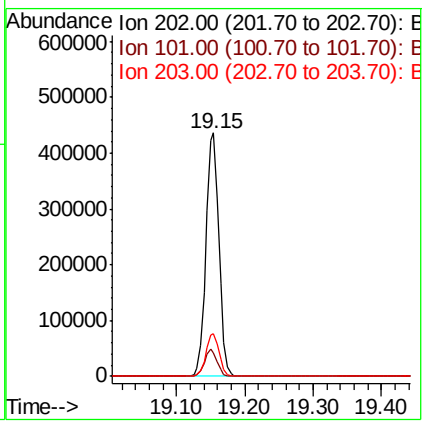


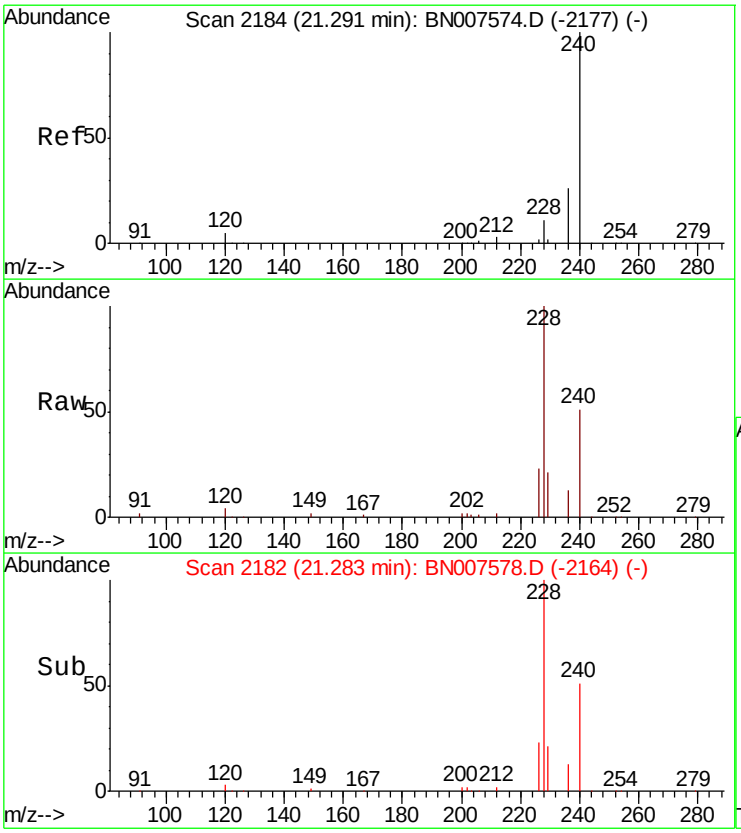
#26
Fluoranthene
Concen: 5.143 ng
RT: 19.15 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 581119

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	17.5	13.8	20.8

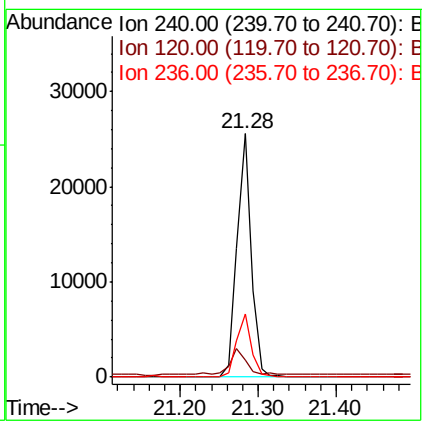


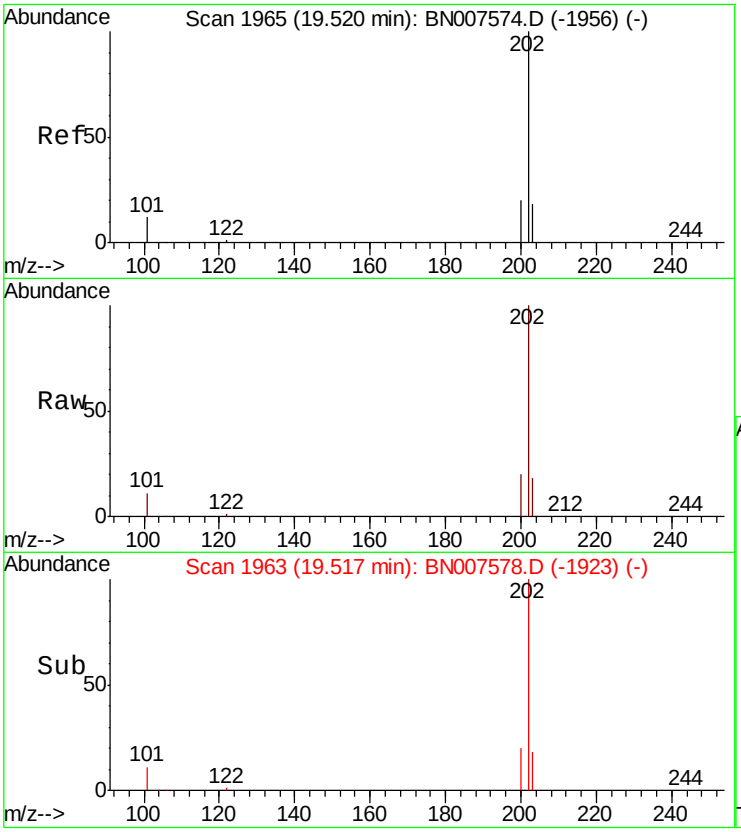


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:240 Resp: 32106

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.0	7.4
236	26.1	20.6	31.0



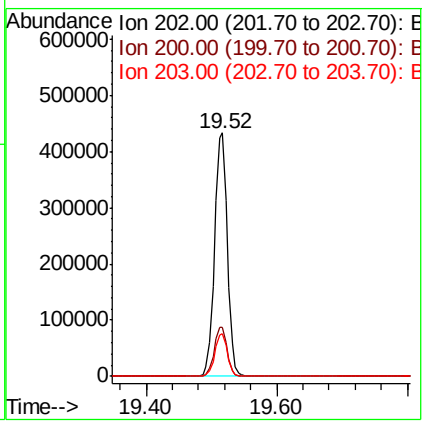


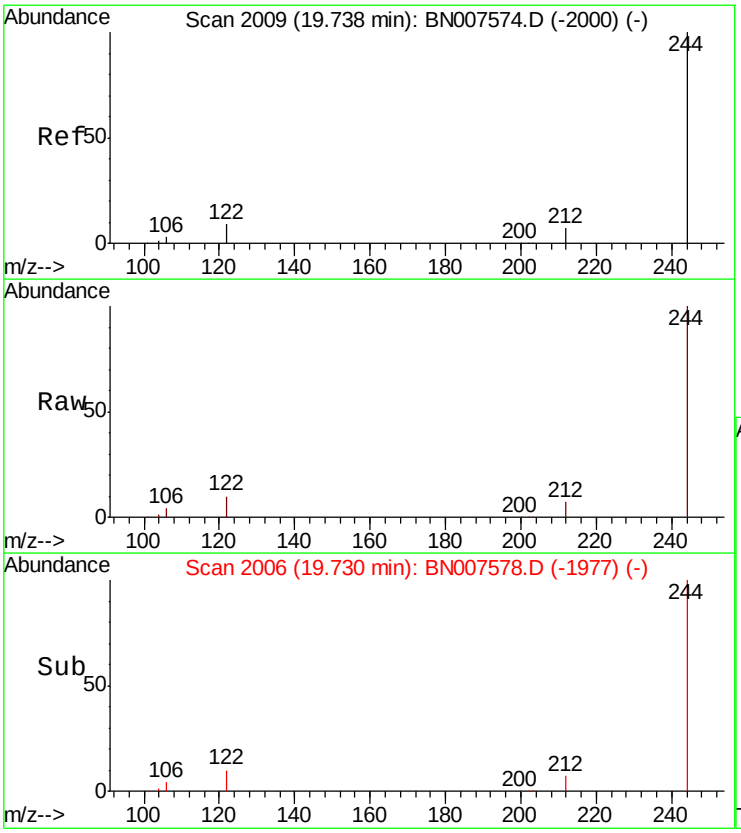
#28
Pyrene
Concen: 4.543 ng
RT: 19.52 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 586805

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	14.1	21.1

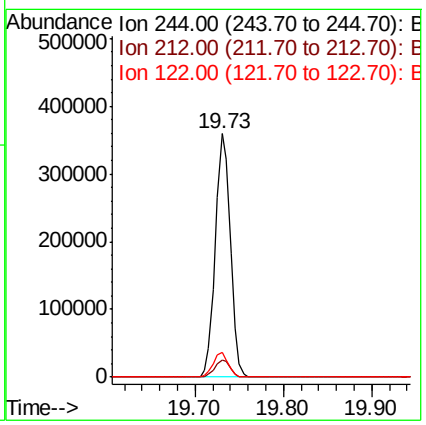


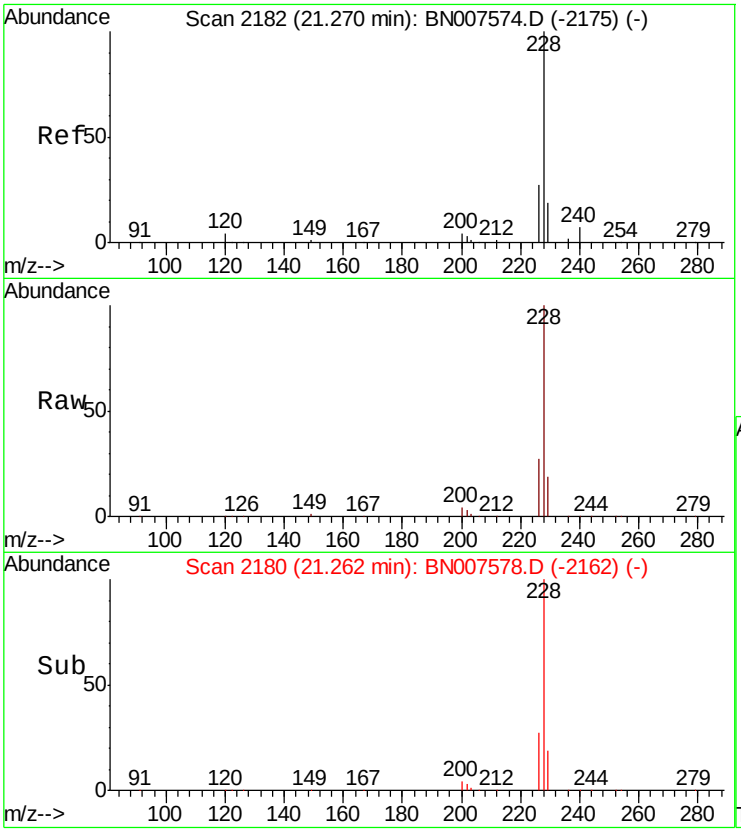


#29
Terphenyl-d14
Concen: 5.014 ng
RT: 19.73 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:244 Resp: 421305

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.1	7.8	11.6



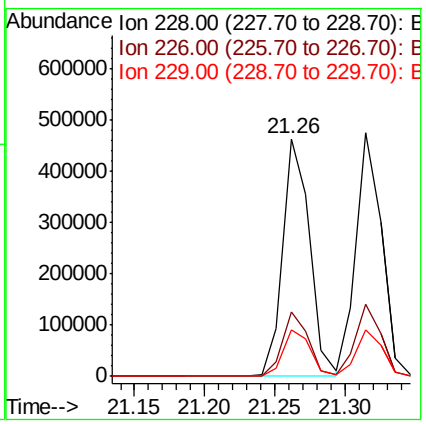


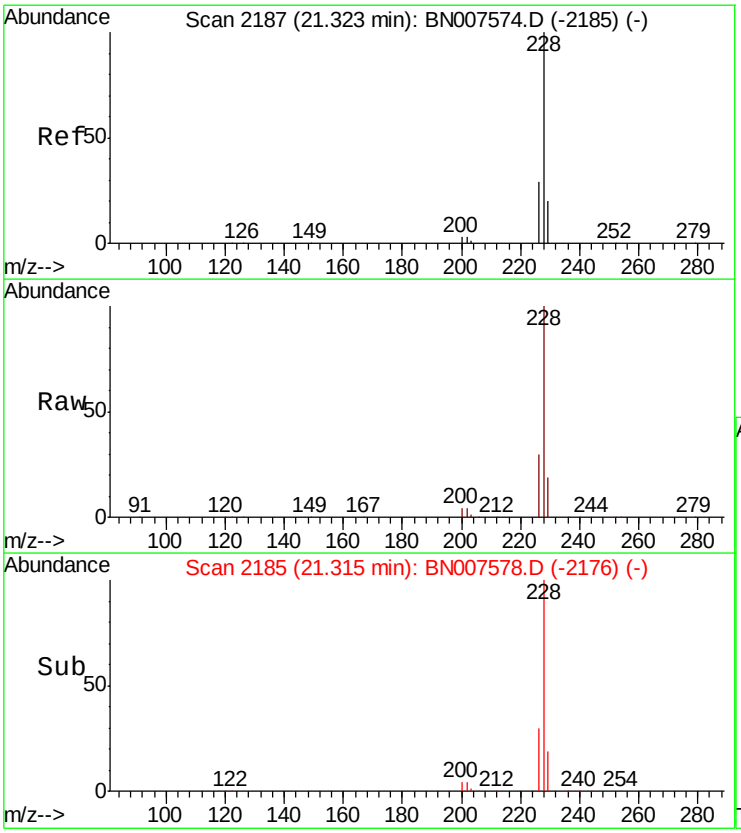
#30
Benzo(a)anthracene
Concen: 4.922 ng
RT: 21.26 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 620647

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	19.4	15.7	23.5

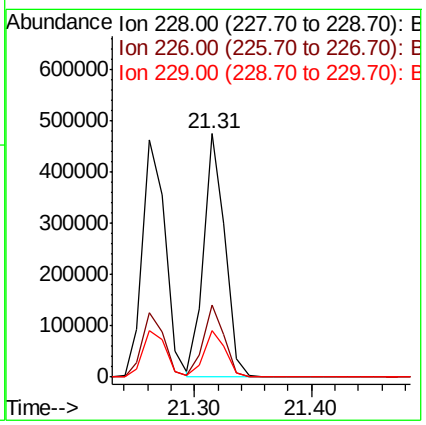


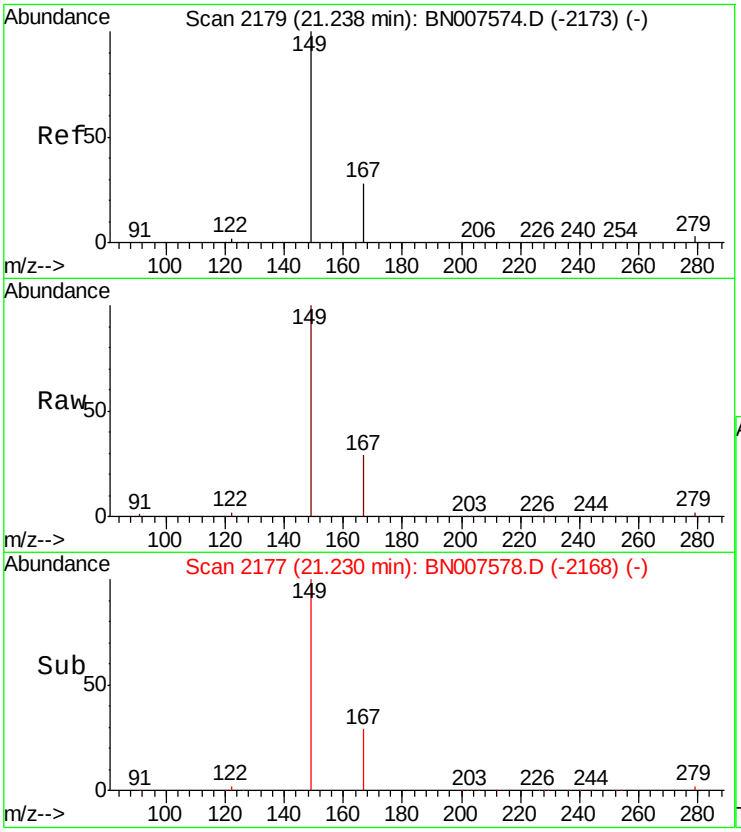


#31
Chrysene
Concen: 4.965 ng
RT: 21.31 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:228 Resp: 604262

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	19.3	15.7	23.5



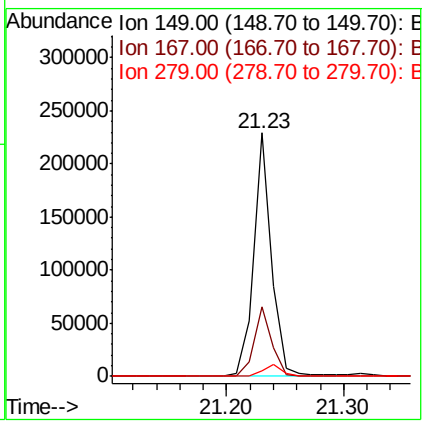


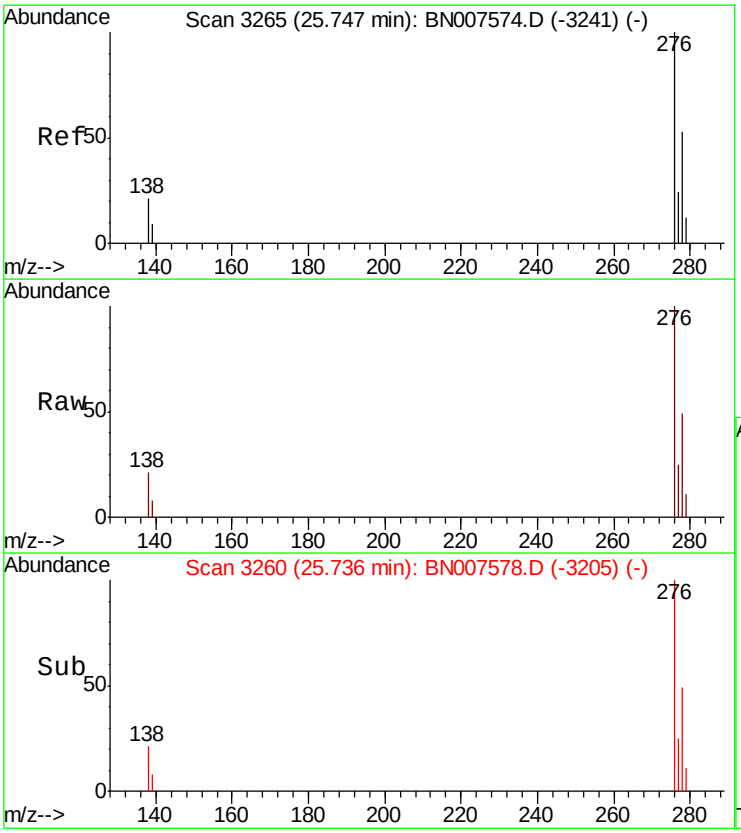
#32
Bis(2-ethylhexyl)phthalate
Concen: 2.551 ng
RT: 21.23 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:149 Resp: 240959

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.1	33.1
279	4.8	3.9	5.9

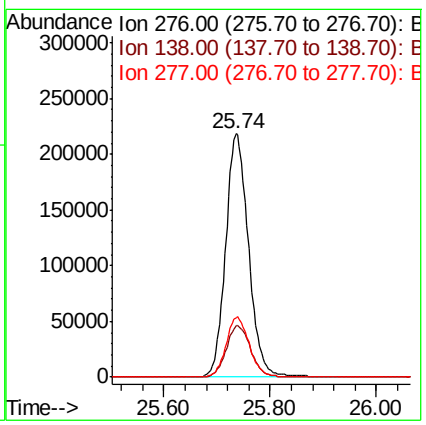


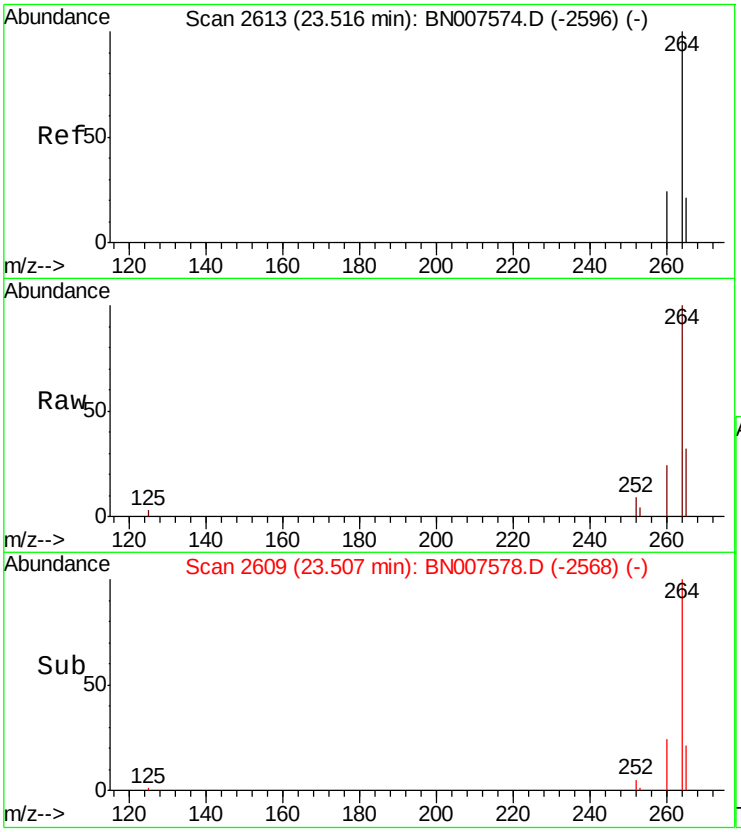


#33
Indeno(1,2,3-cd)pyrene
Concen: 4.462 ng
RT: 25.74 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:276 Resp: 654131

Ion	Ratio	Lower	Upper
276	100		
138	22.4	0.0	0.0#
277	25.2	0.0	0.0#



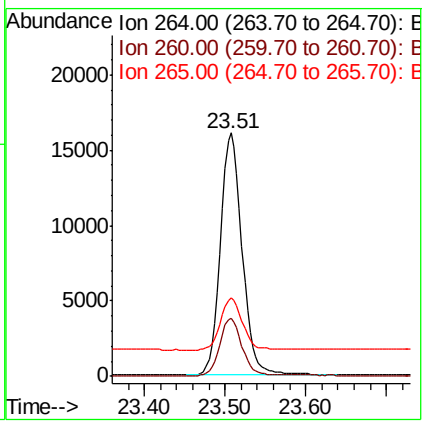


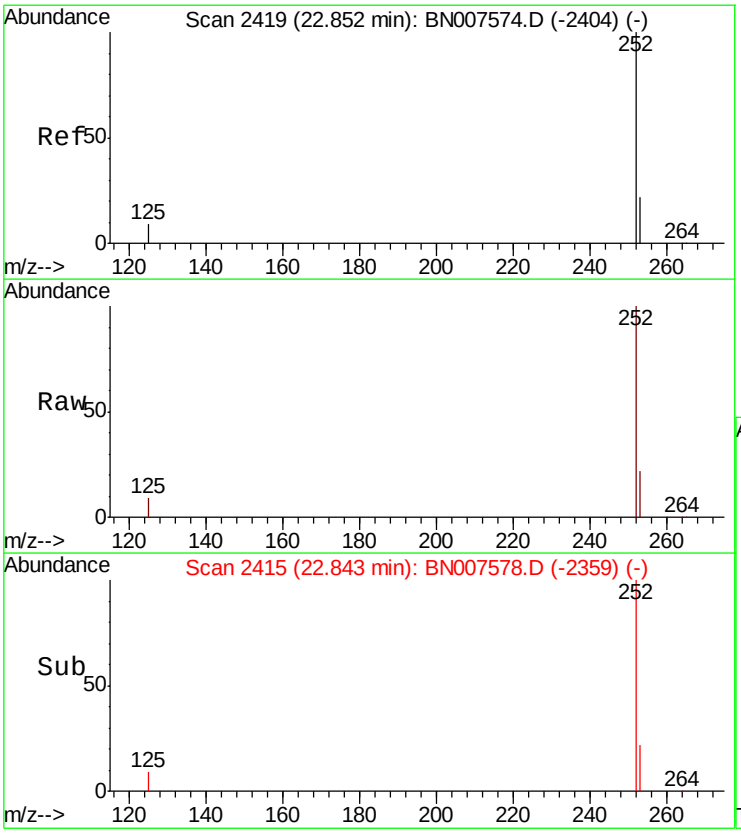
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 30200

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	32.1	25.6	38.4

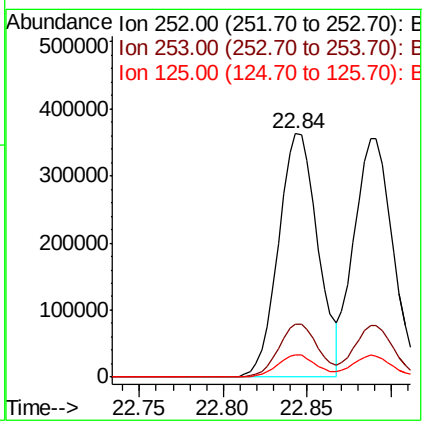


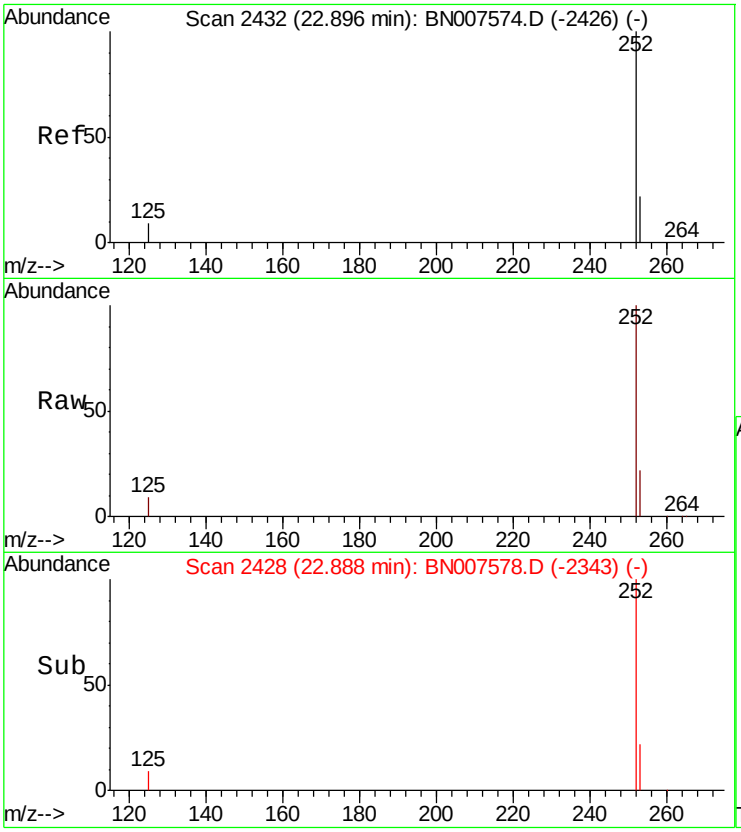


#35
Benzo(b)fluoranthene
Concen: 5.403 ng
RT: 22.84 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:252 Resp: 591185

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	9.1	8.2	12.2



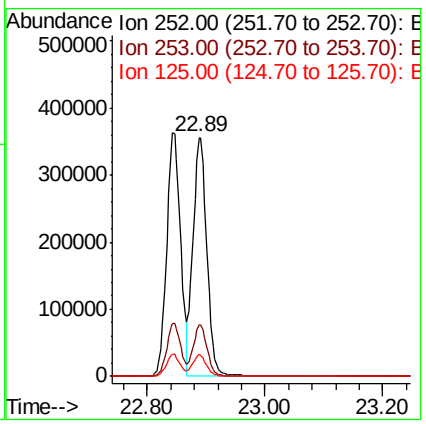


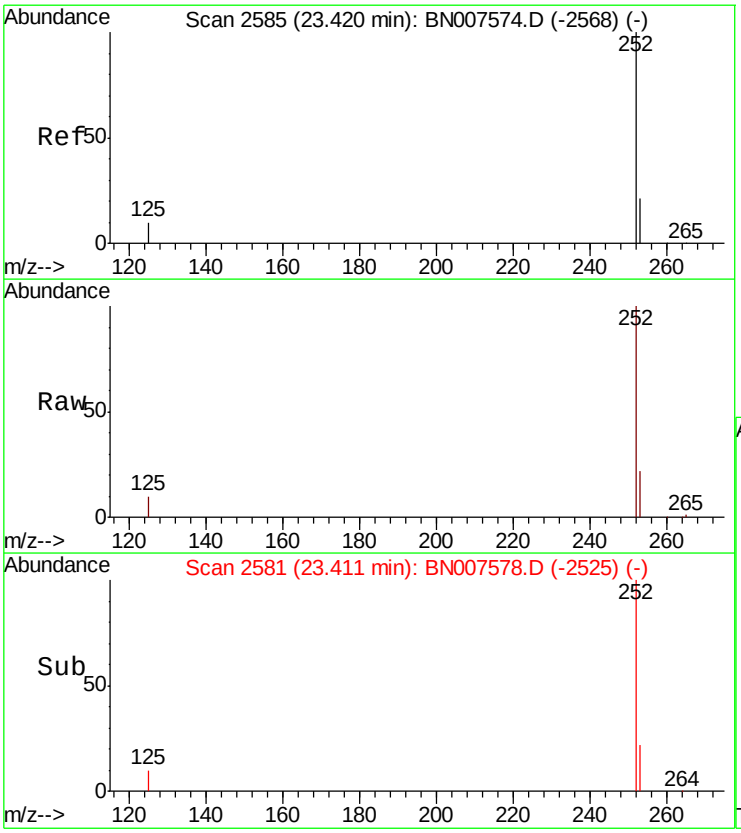
#36
Benzo(k)fluoranthene
Concen: 5.386 ng
RT: 22.89 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 582437

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	9.0	8.2	12.2

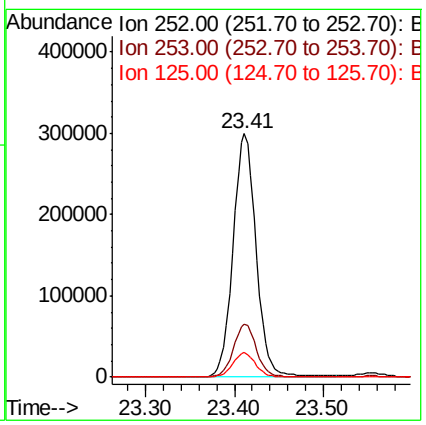


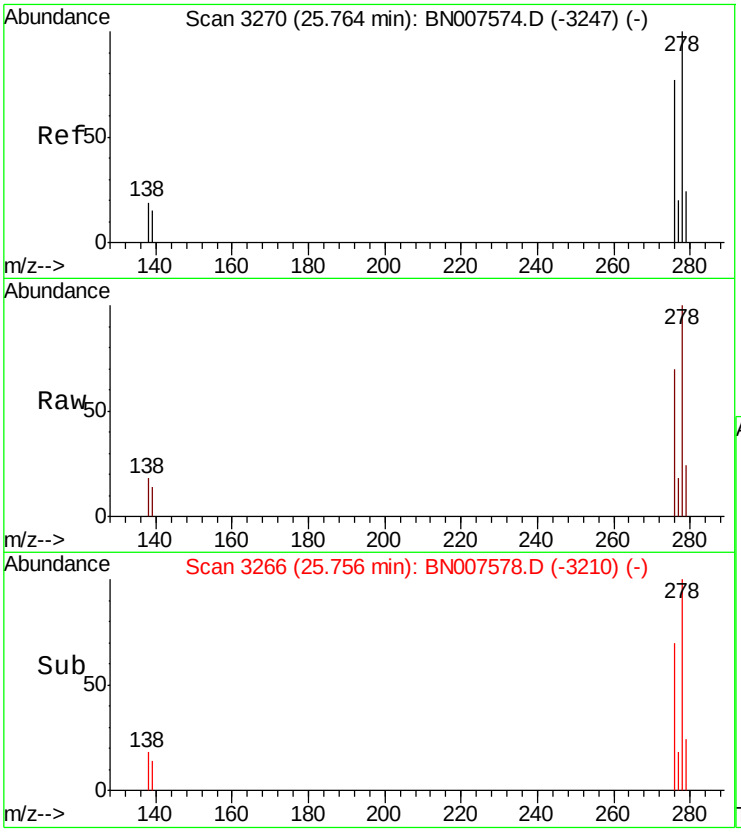


#37
Benzo(a)pyrene
Concen: 5.158 ng
RT: 23.41 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:252 Resp: 537130

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	28.0
125	10.0	9.2	13.8



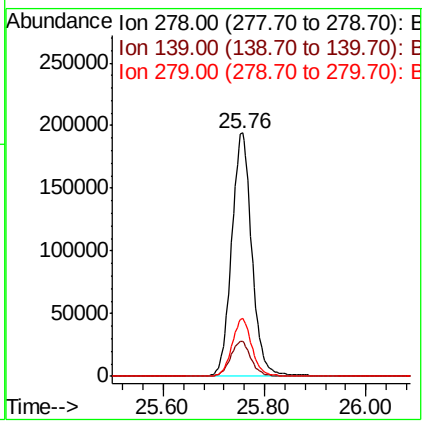


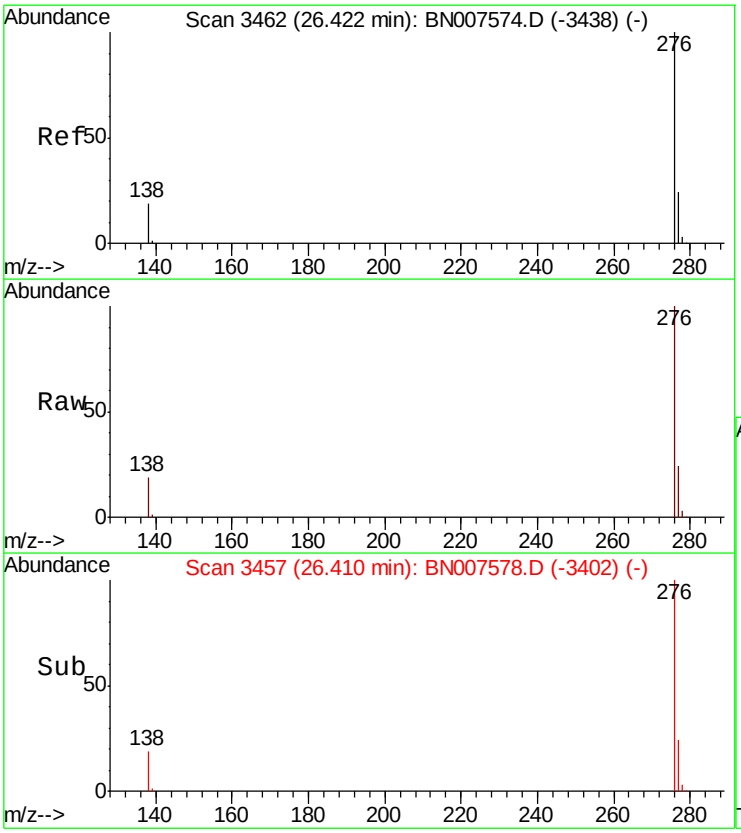
#38
Dibenzo(a,h)anthracene
Concen: 5.143 ng
RT: 25.76 min Scan# 3266
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:278 Resp: 534368

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.5	18.7
279	23.6	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 5.158 ng
RT: 26.41 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:276 Resp: 533976

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.7	29.5
138	19.4	15.9	23.9