Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
Data File : BN007761.D
Acq On : 20 Sep 2019 13:22
Operator : HP/JU
Sample : PB123061BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB123061BS

Quant Time: Sep 20 22:47:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	5218	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	20756	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	12710	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	28274	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	34006	0.40	ng		-0.01
34) Perylene-d12	23.48	264	37091	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	5732	0.32	ng		0.00
5) Phenol-d6	6.86	99	7289	0.32	ng		0.00
8) Nitrobenzene-d5	8.83	82	6420	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	13826	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	1986	0.29	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	19776	0.38	ng		0.00
25) Fluoranthene-d10	19.10	212	37546	0.39	ng		0.00
29) Terphenyl-d14	19.70	244	31960	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2093	0.360	ng	#	76
3) n-Nitrosodimethylamine	3.00	42	1535	0.576	ng		97
6) bis(2-Chloroethyl)ether	7.13	93	5615	0.380	ng		99
9) Naphthalene	10.51	128	23230	0.399	ng		100
10) Hexachlorobutadiene	10.81	225	4907	0.400	ng	#	99
12) 2-Methylnaphthalene	12.13	142	15727	0.399	ng		98
16) Acenaphthylene	14.04	152	23023	0.342	ng		99
17) Acenaphthene	14.38	154	15573	0.358	ng		97
18) Fluorene	15.37	166	20020	0.359	ng		100
20) 4-Bromophenyl-phenylether	16.26	248	6888	0.401	ng		96
21) Hexachlorobenzene	16.38	284	7693	0.410	ng		99
22) Pentachlorophenol	16.72	266	2005	0.290	ng		97
23) Phenanthrene	17.10	178	35135	0.399	ng		100
24) Anthracene	17.19	178	29964	0.377	ng		100
26) Fluoranthene	19.13	202	43636	0.398	ng		100
28) Pyrene	19.49	202	44864	0.387	ng		100
30) Benzo(a)anthracene	21.25	228	47276	0.378	ng		98
31) Chrysene	21.30	228	48410	0.397	ng		98
32) Bis(2-ethylhexyl)phthalate	21.20	149	29148	0.453	ng		93
33) Indeno(1,2,3-cd)pyrene	25.69	276	58746	0.384	ng		99
35) Benzo(b)fluoranthene	22.82	252	47333	0.368	ng		100
36) Benzo(k)fluoranthene	22.86	252	52908	0.416	ng		99
37) Benzo(a)pyrene	23.38	252	45266	0.374	ng		99
38) Dibenzo(a,h)anthracene	25.70	278	47371	0.383	ng		99
39) Benzo(g,h,i)perylene	26.36	276	46349	0.378	ng		99

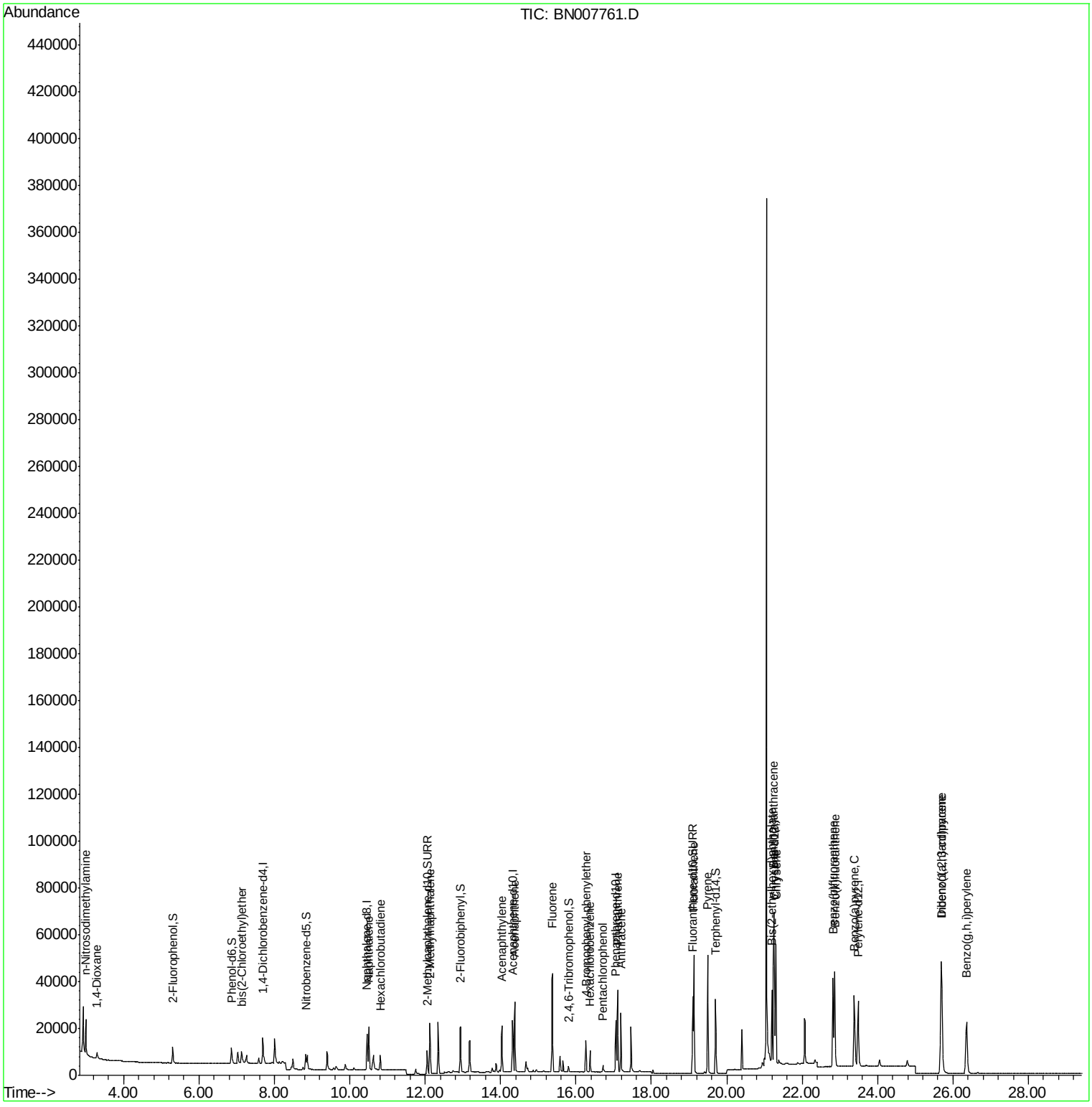
(#) = qualifier out of range (m) = manual integration (+) = signals summed

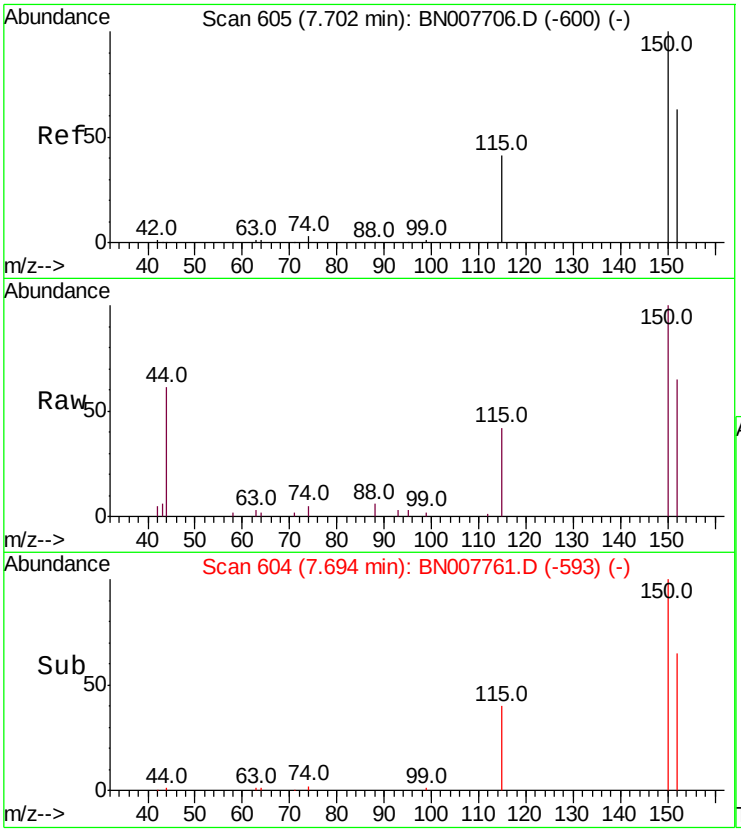
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
Data File : BN007761.D
Acq On : 20 Sep 2019 13:22
Operator : HP/JU
Sample : PB123061BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Quant Time: Sep 20 22:47:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



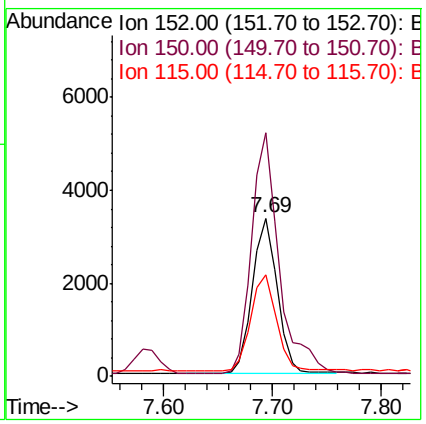


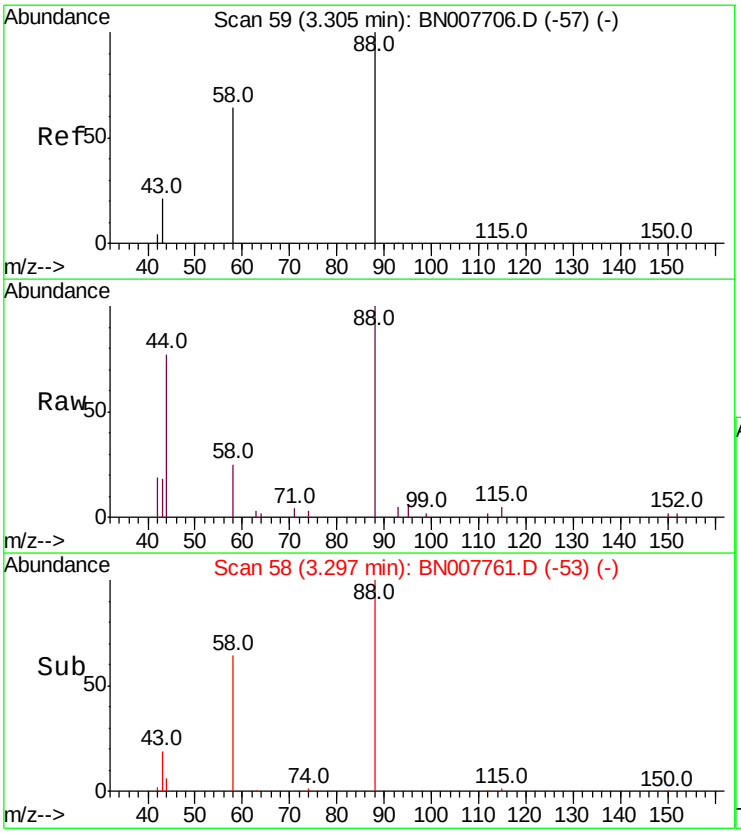
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:152 Resp: 5218

Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.6	188.4
115	64.4	53.3	79.9

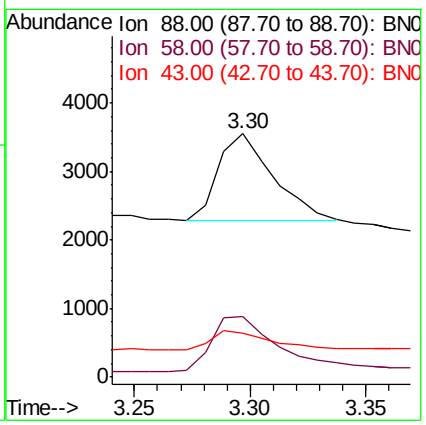


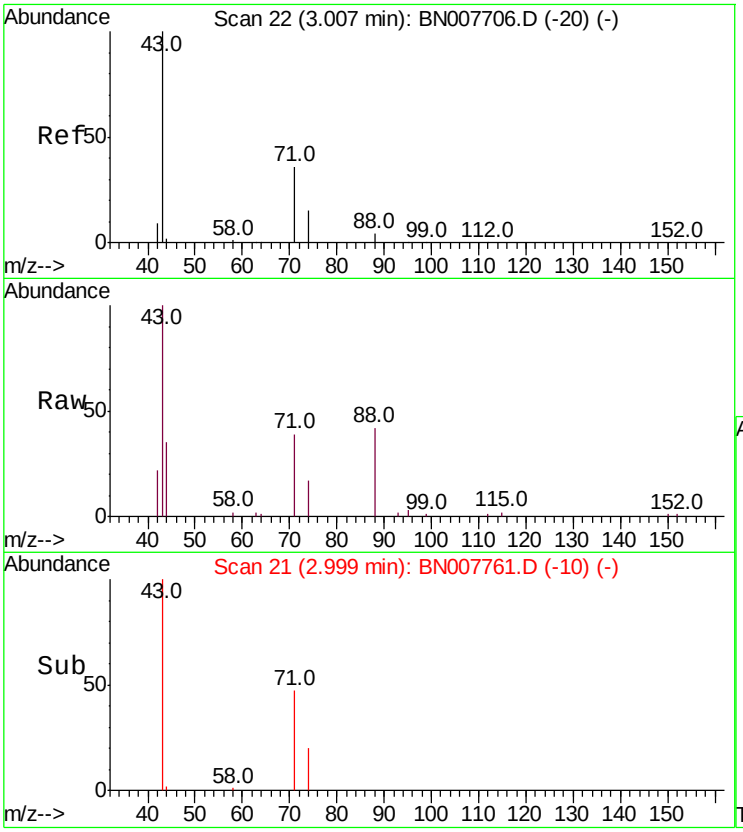


#2
1,4-Dioxane
Concen: 0.360 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion: 88 Resp: 2093

Ion	Ratio	Lower	Upper
88	100		
58	75.5	44.6	66.8#
43	23.7	14.4	21.6#



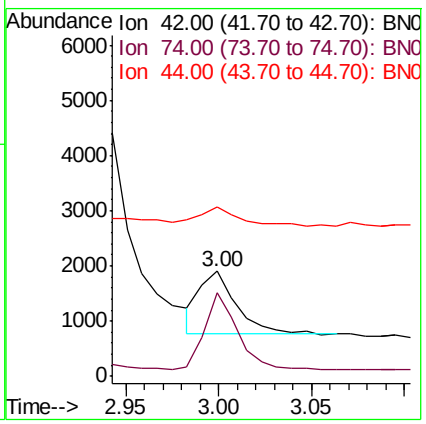


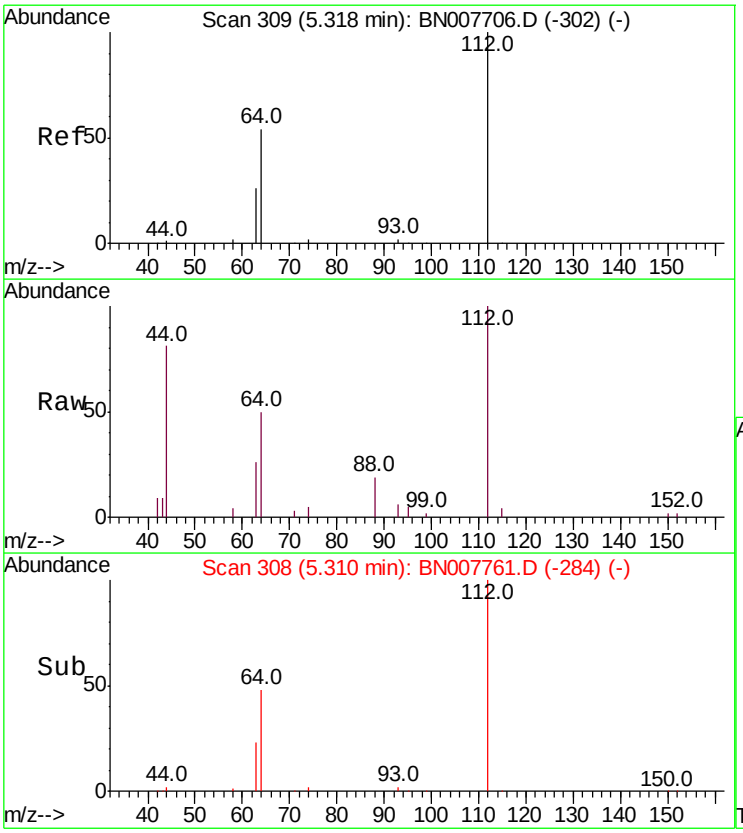
#3
n-Nitrosodimethylamine
Concen: 0.576 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion: 42 Resp: 1535

Ion	Ratio	Lower	Upper
42	100		
74	110.9	87.9	131.9
44	32.3	29.4	44.0

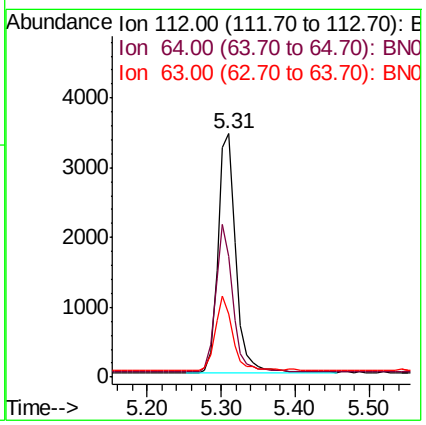


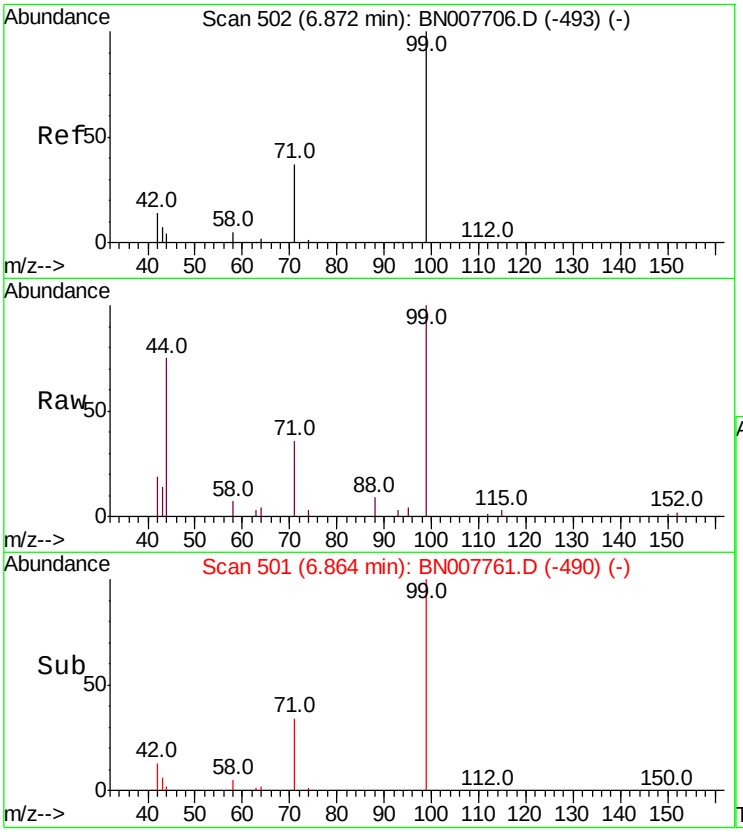


#4
2-Fluorophenol
Concen: 0.319 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:112 Resp: 5732

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	70.0
63	29.1	23.1	34.7



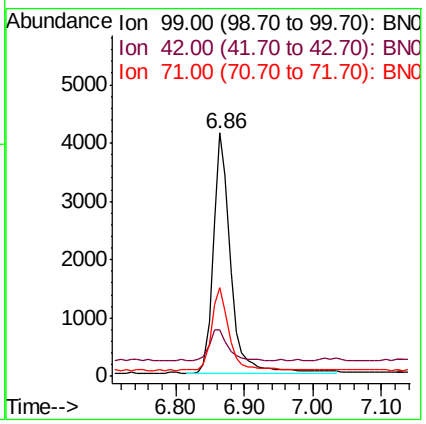


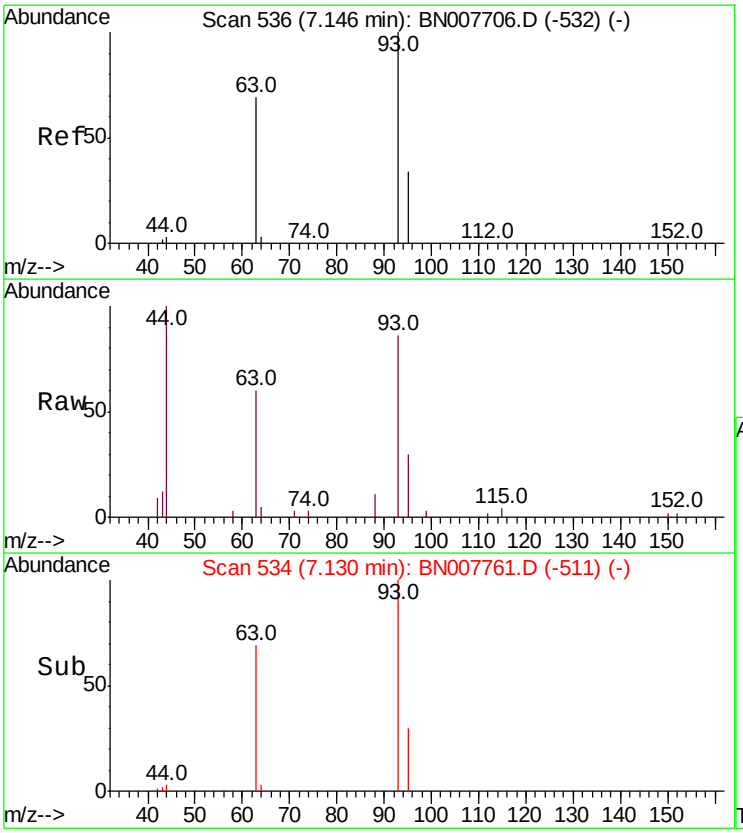
#5
Phenol-d6
Concen: 0.324 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion: 99 Resp: 7289

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.8	19.2
71	34.7	27.6	41.4

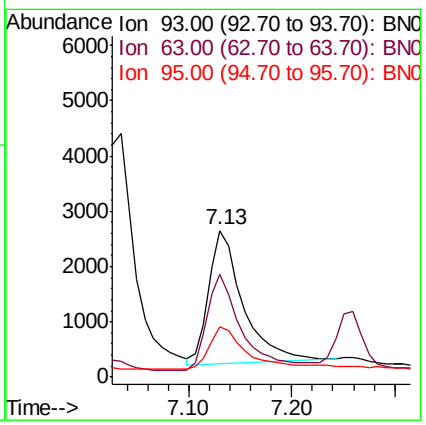


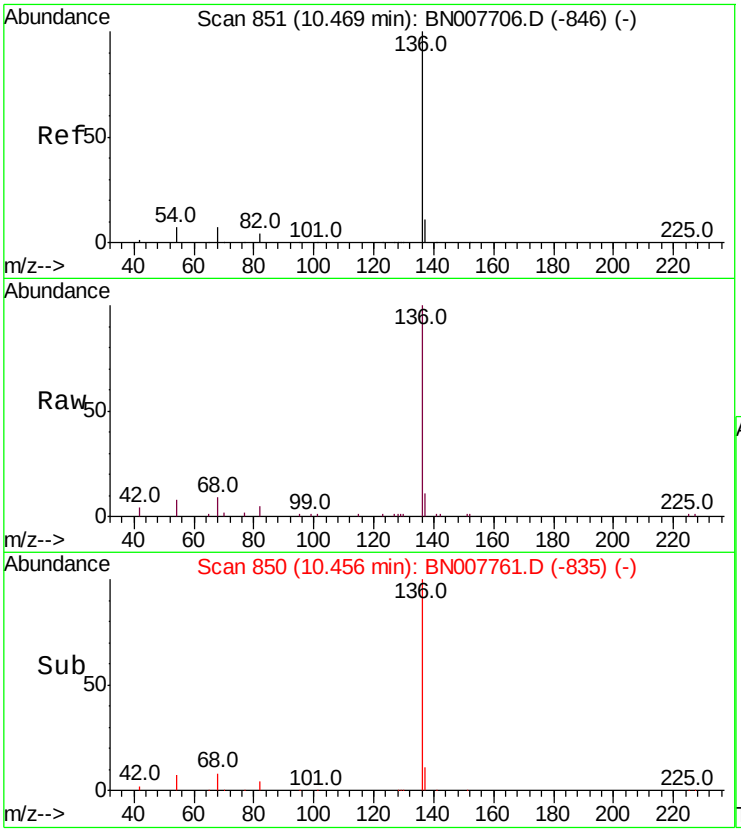


#6
bis(2-Chloroethyl)ether
Concen: 0.380 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion: 93 Resp: 5615

Ion	Ratio	Lower	Upper
93	100		
63	73.7	59.3	88.9
95	38.3	31.4	47.0



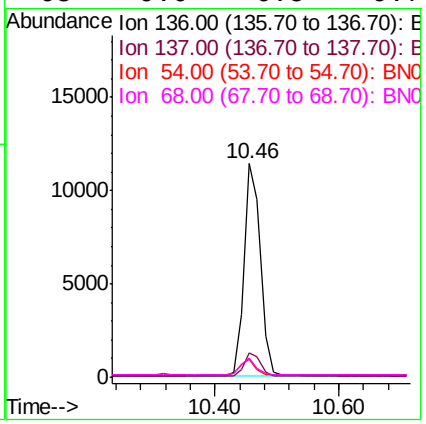


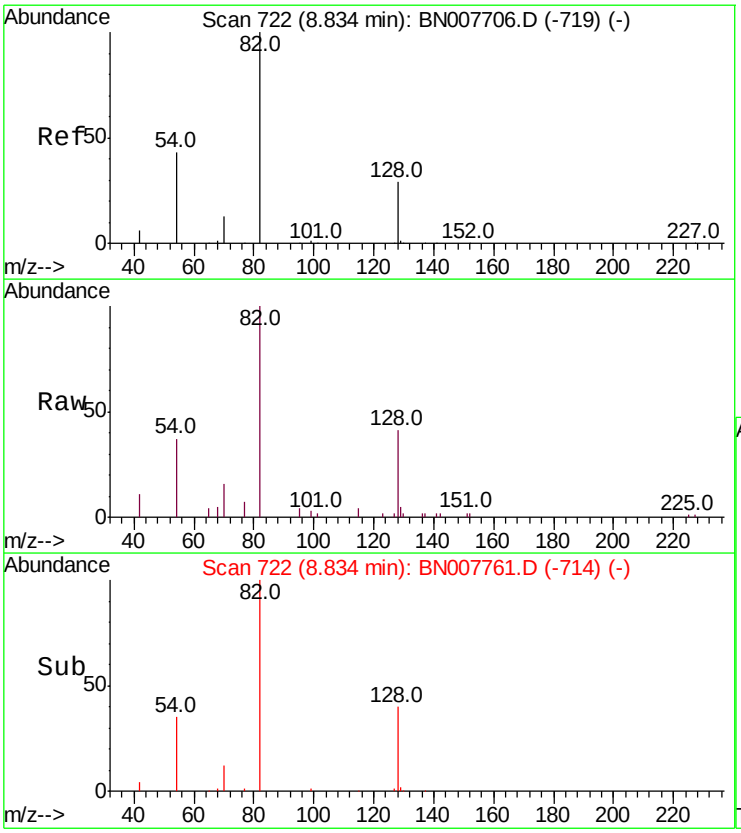
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:136 Resp: 20756

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.2	5.8	8.8
68	9.0	6.5	9.7

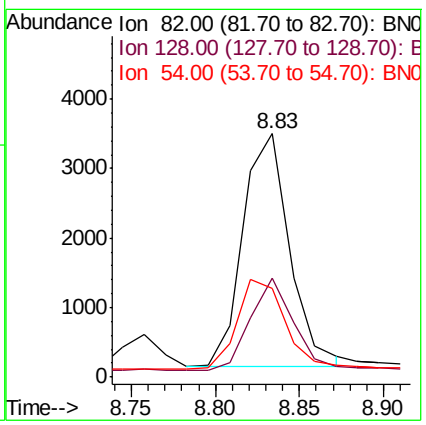


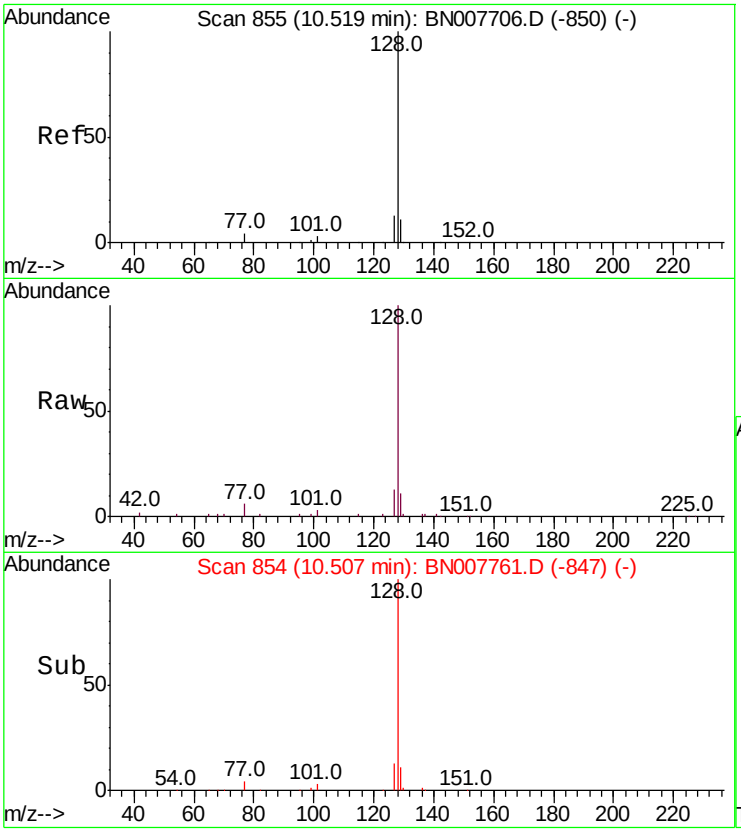


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion: 82 Resp: 6420

Ion	Ratio	Lower	Upper
82	100		
128	40.9	24.5	36.7#
54	36.6	35.2	52.8



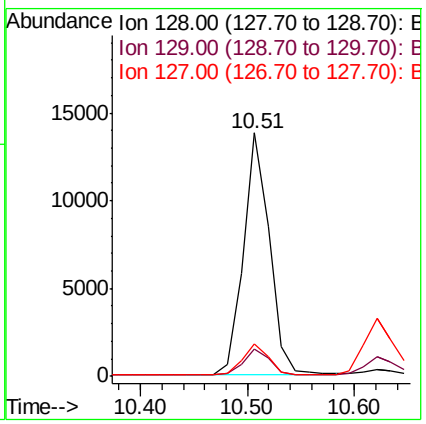


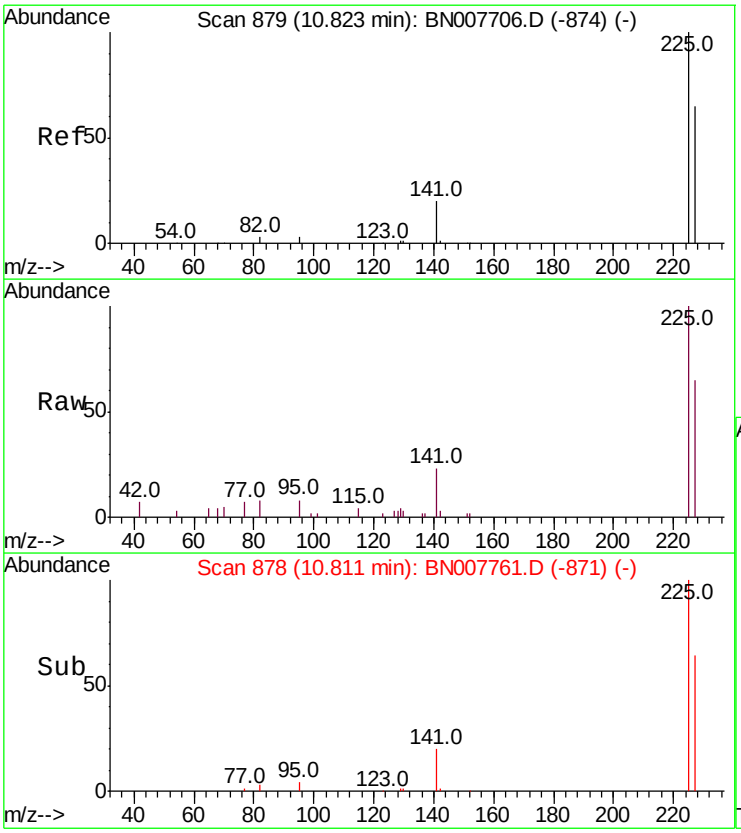
#9
Naphthalene
Concen: 0.399 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:128 Resp: 23230

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.3	10.6	15.8

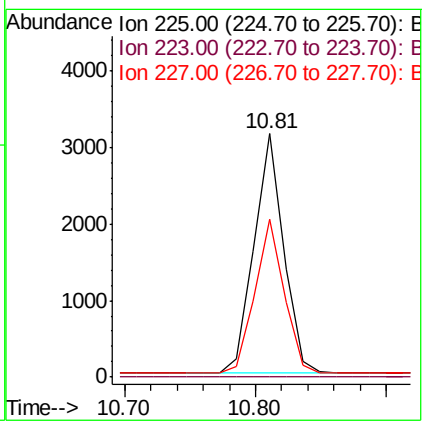


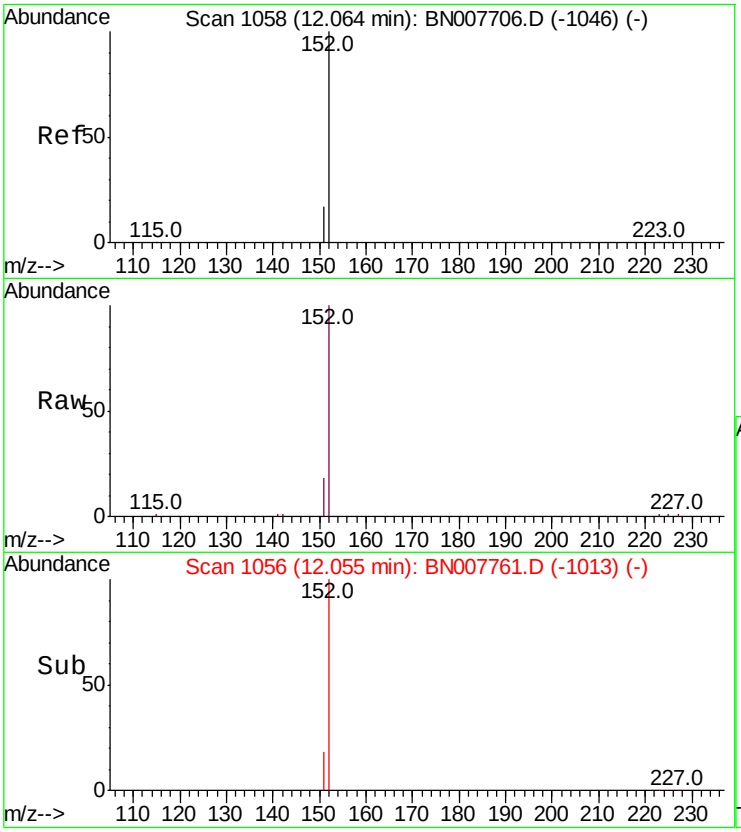


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:225 Resp: 4907

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.2	76.8



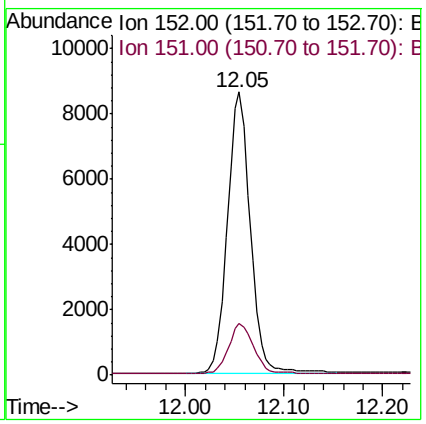


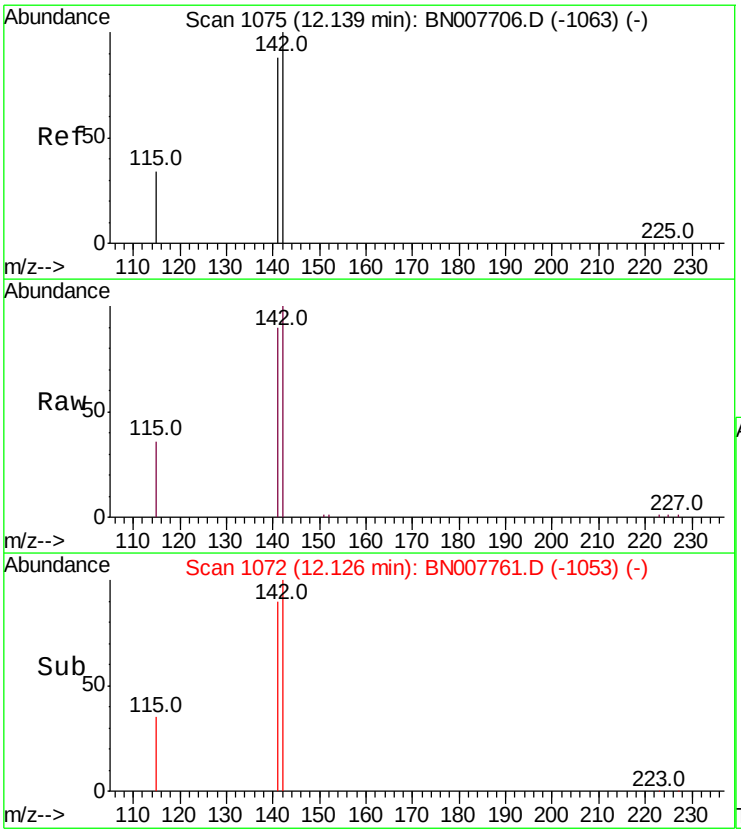
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:152 Resp: 13826

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

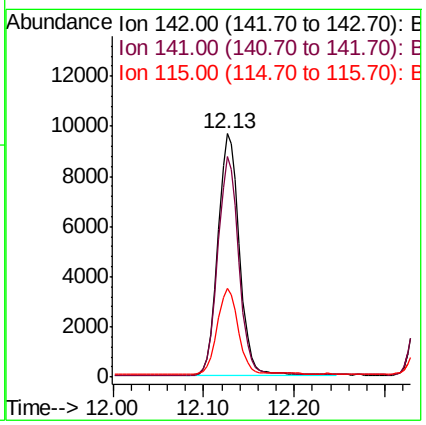


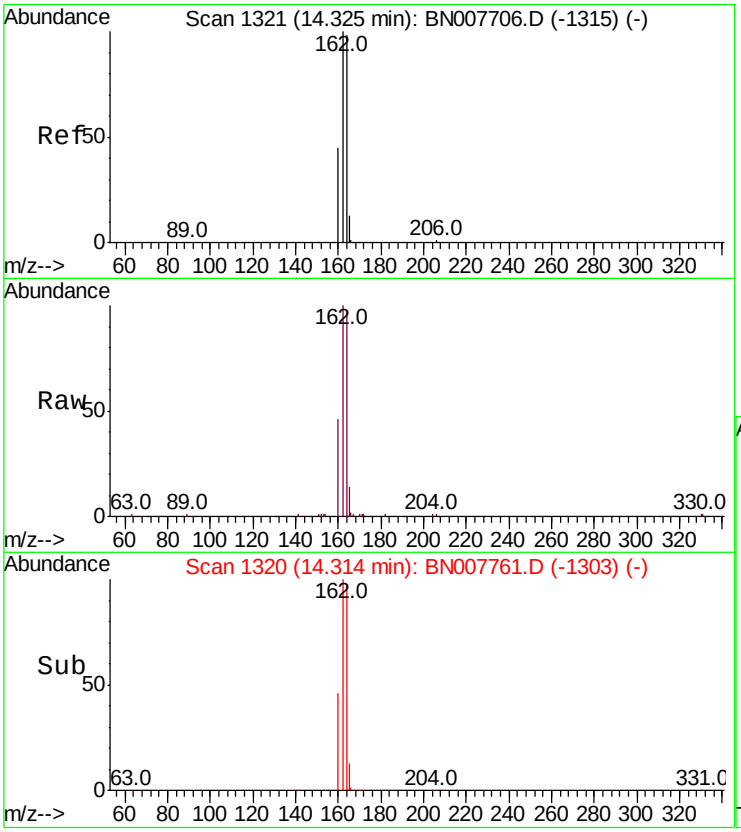


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:142 Resp: 15727

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.6	106.0
115	36.4	28.3	42.5



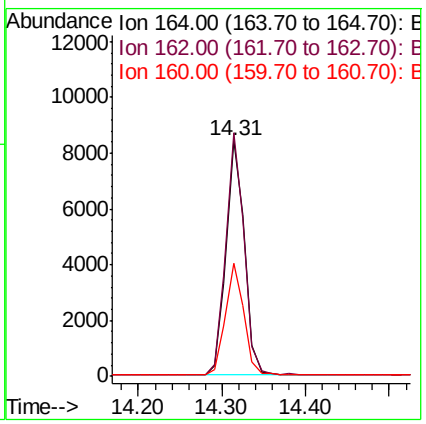


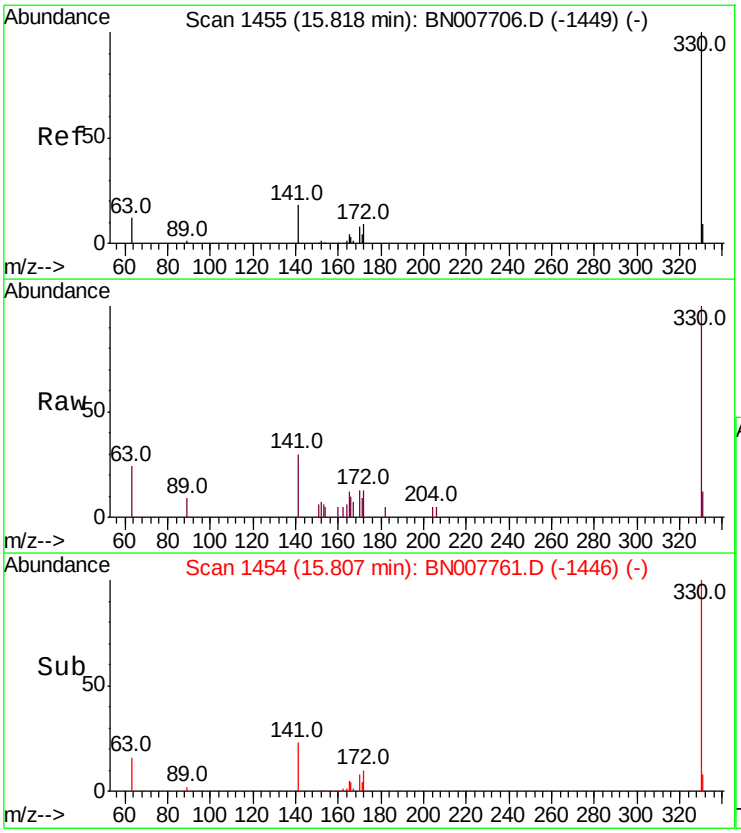
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:164 Resp: 12710

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.7	122.5
160	47.8	37.0	55.4

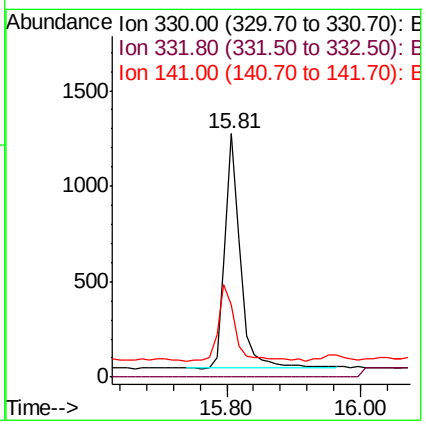


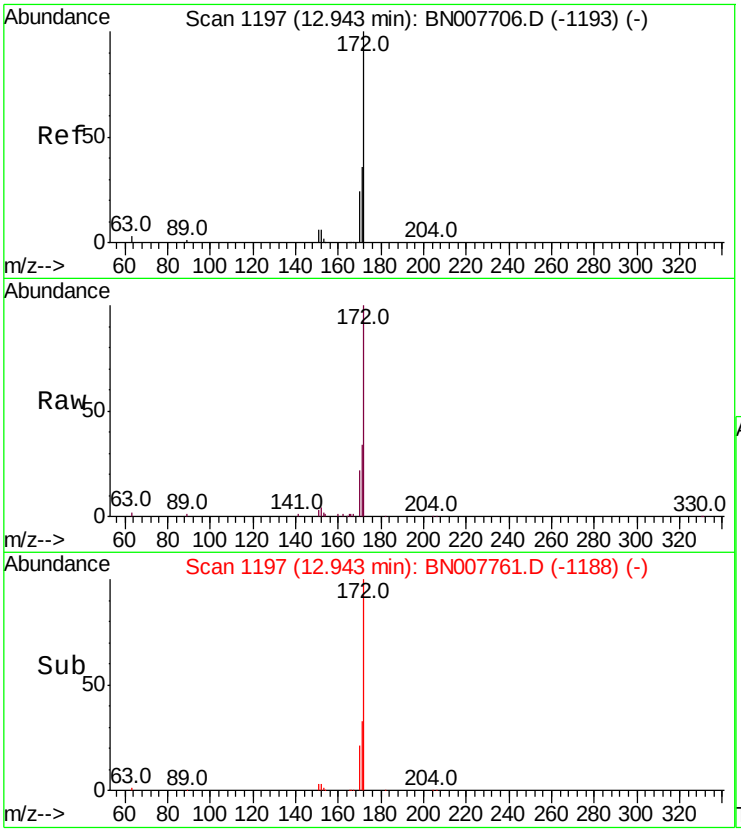


#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:330 Resp: 1986

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.0	28.7	43.1



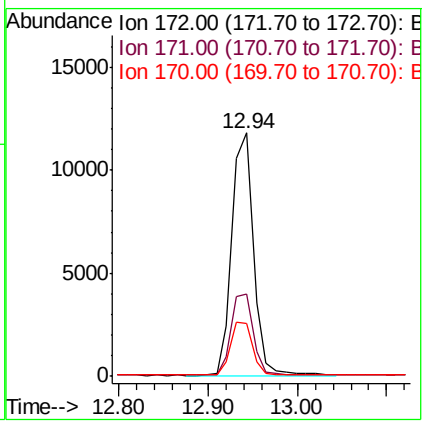


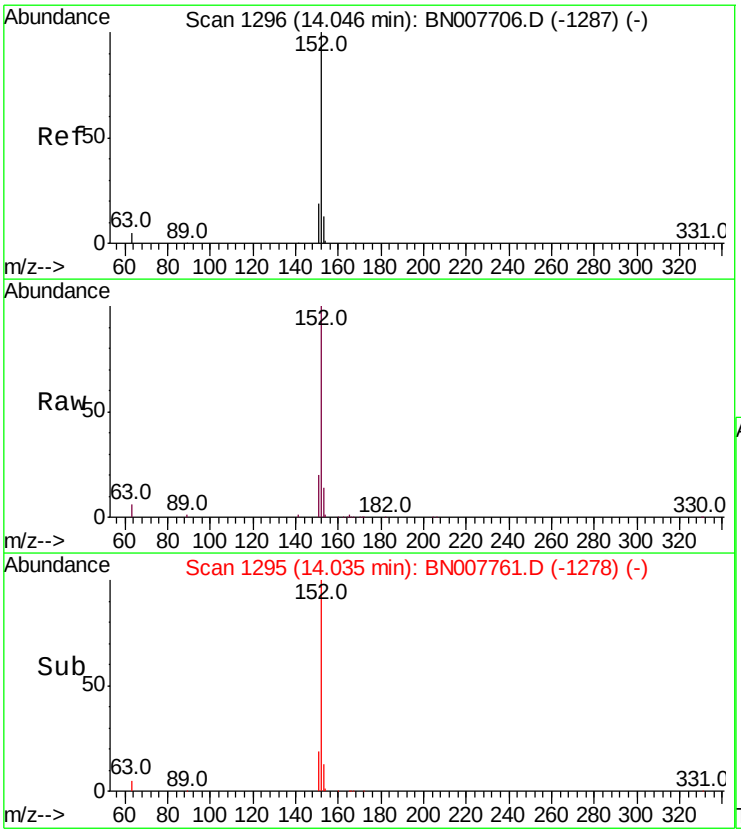
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:172 Resp: 19776

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.8	43.2
170	21.7	19.5	29.3

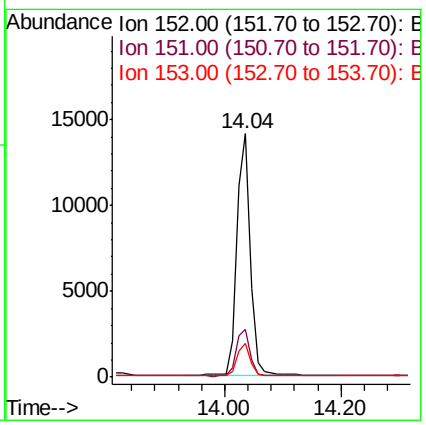


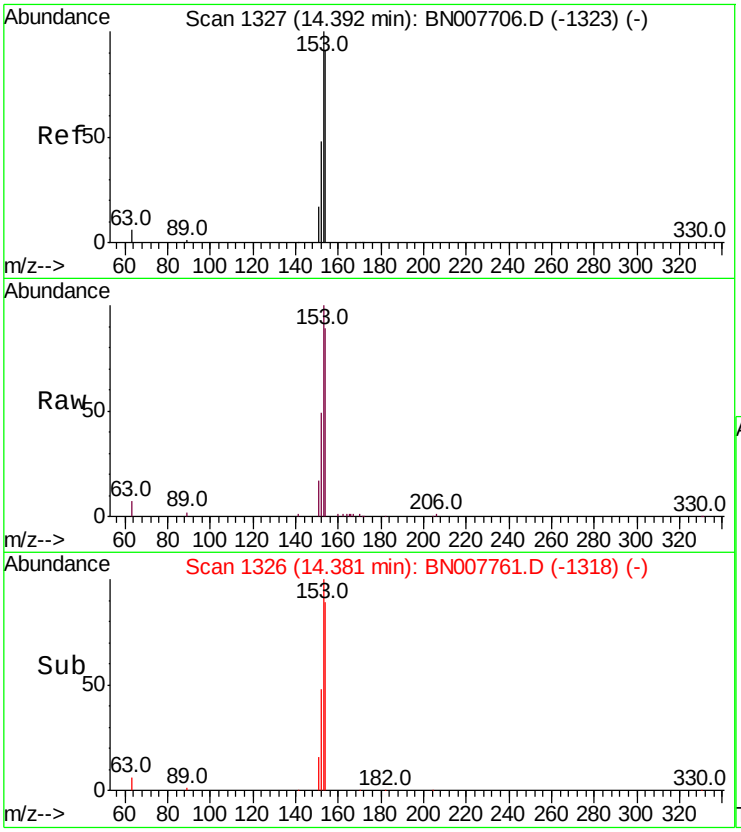


#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:152 Resp: 23023

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.2	10.4	15.6



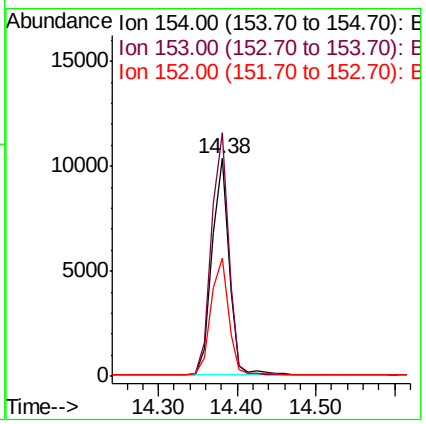


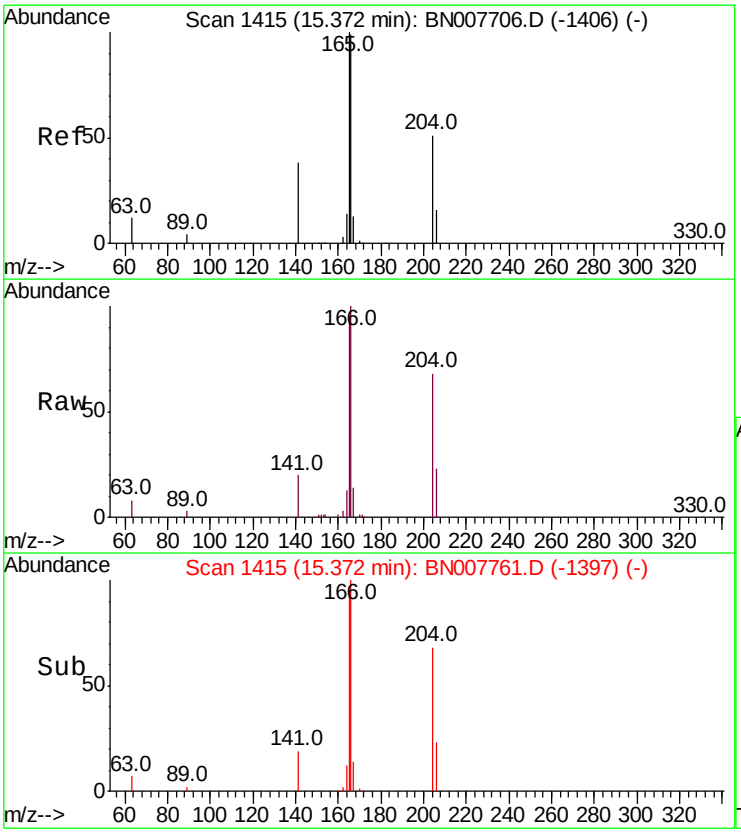
#17
Acenaphthene
Concen: 0.358 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:154 Resp: 15573

Ion	Ratio	Lower	Upper
154	100		
153	112.4	87.0	130.4
152	55.1	42.7	64.1

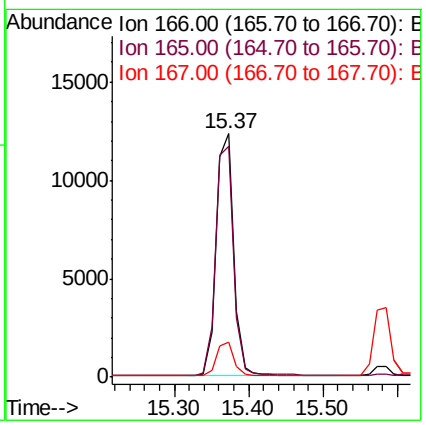


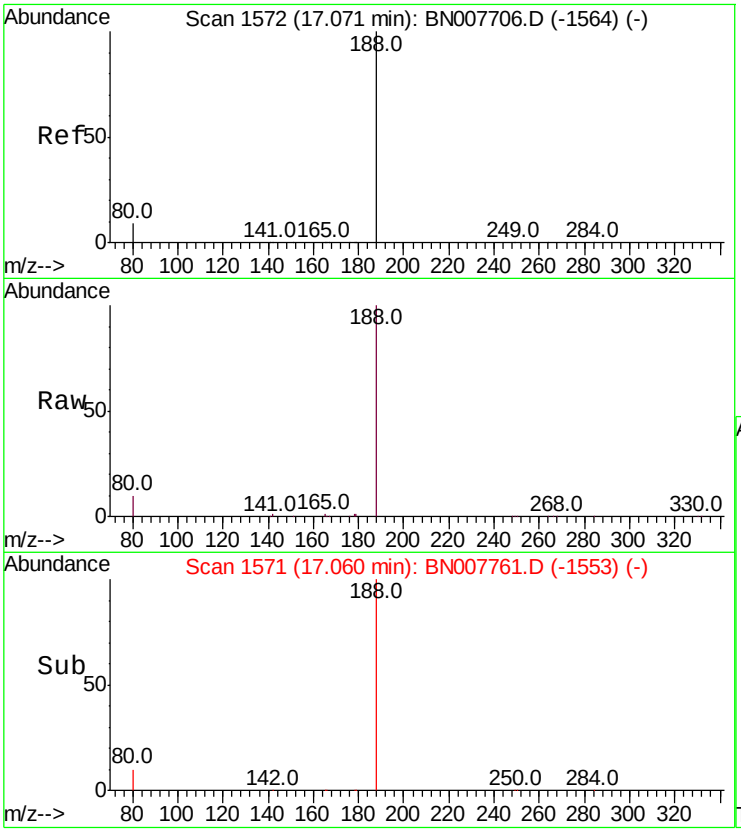


#18
Fluorene
Concen: 0.359 ng
RT: 15.37 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:166 Resp: 20020

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.0	117.0
167	13.7	10.9	16.3



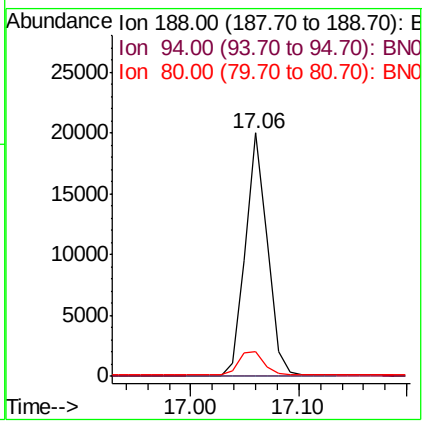


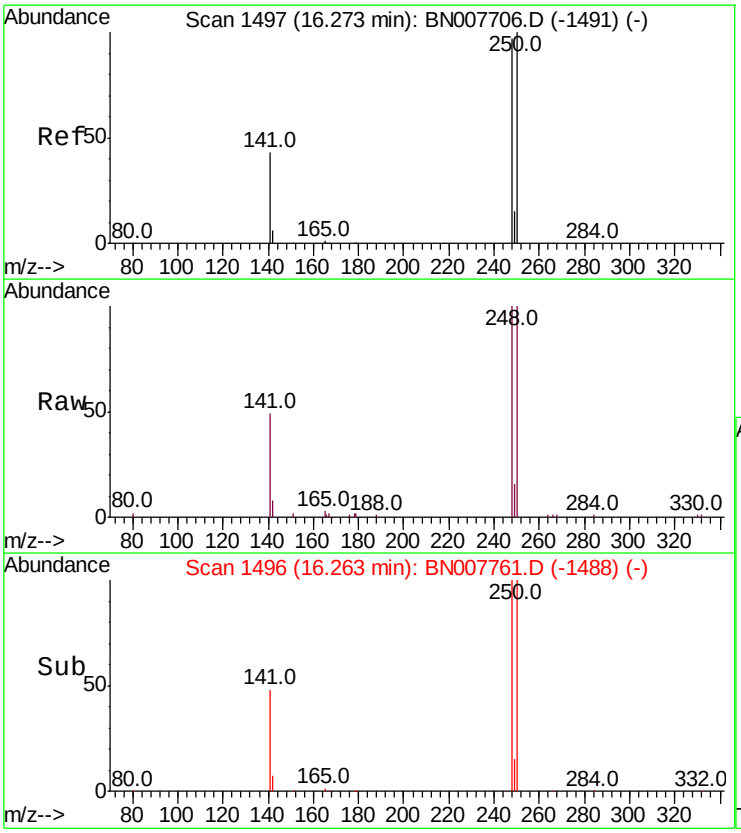
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:188 Resp: 28274

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.4	11.2

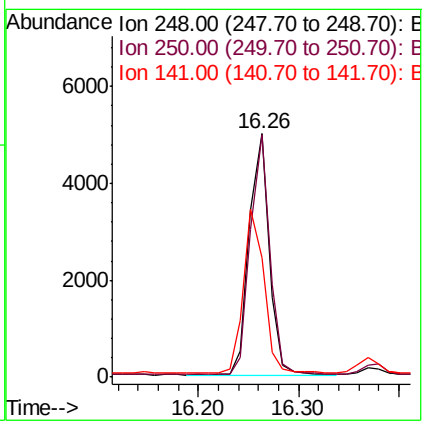


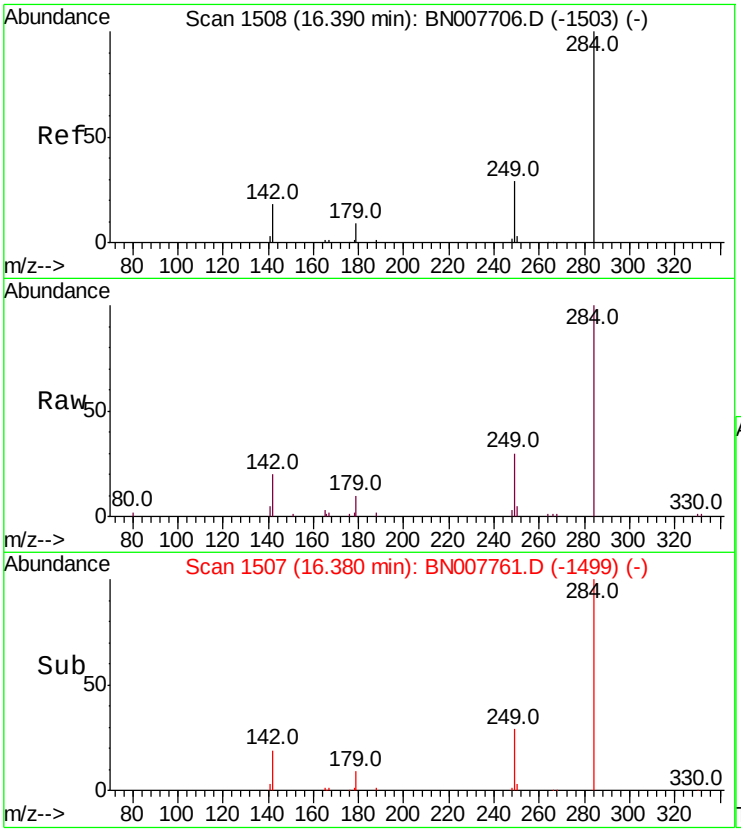


#20
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.26 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:248 Resp: 6888

Ion	Ratio	Lower	Upper
248	100		
250	99.8	82.2	123.4
141	49.2	36.3	54.5



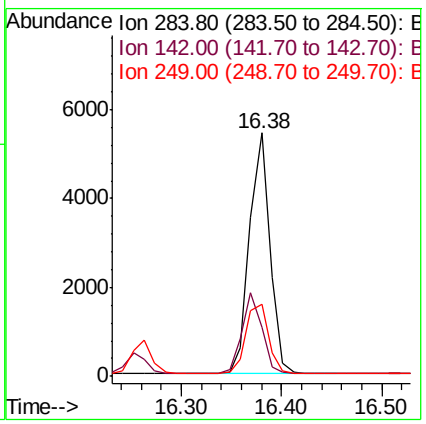


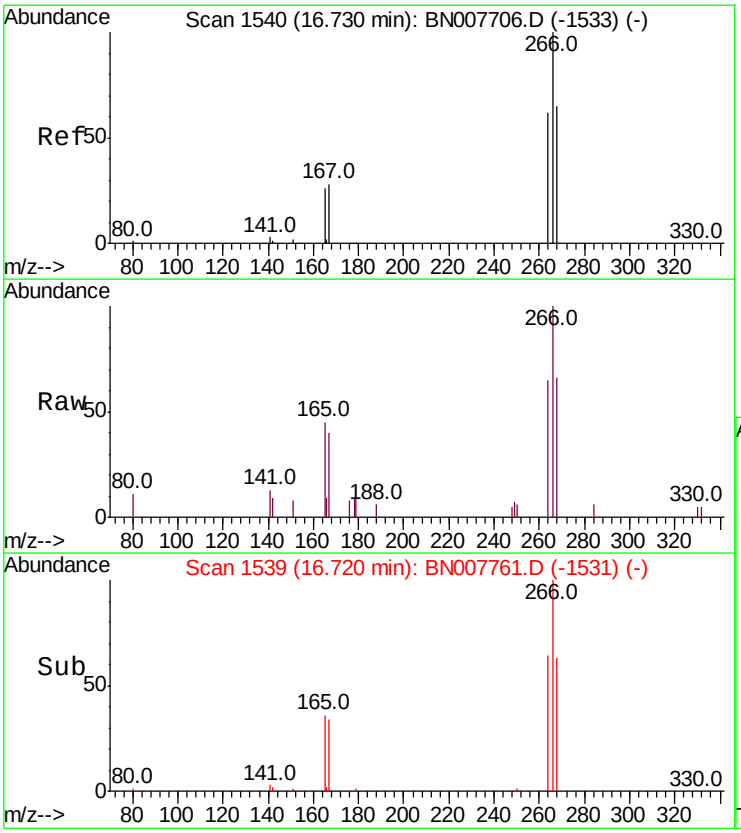
#21
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:284 Resp: 7693

Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.8	38.6
249	31.6	25.9	38.9

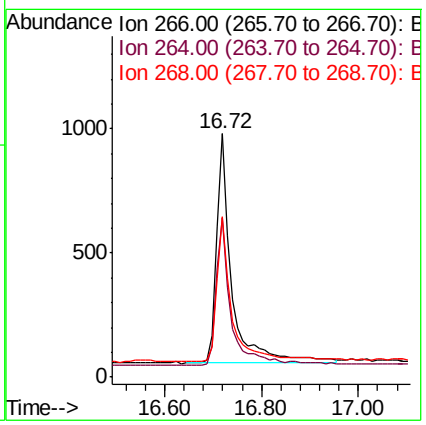


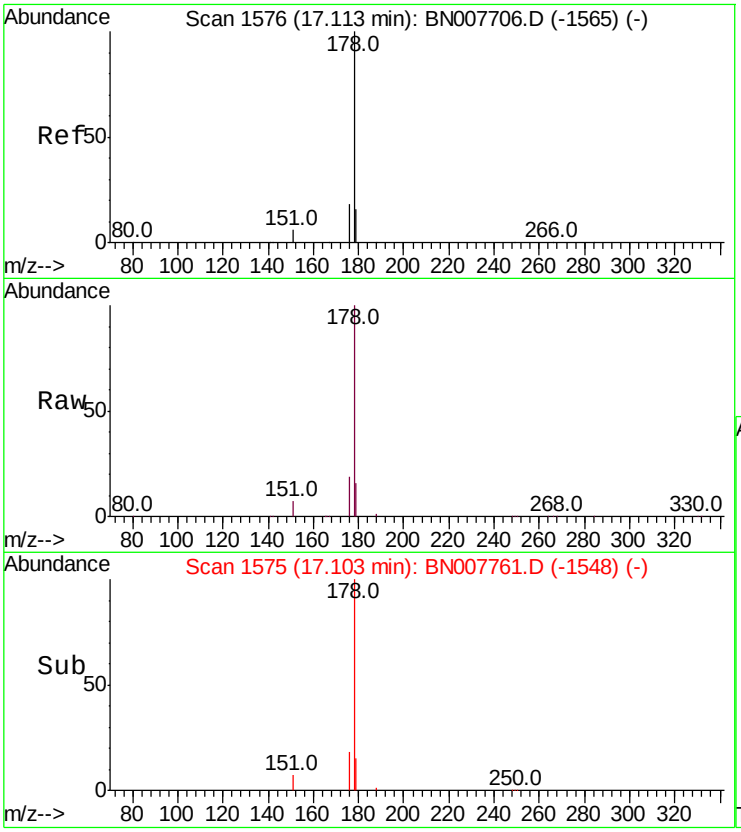


#22
Pentachlorophenol
Concen: 0.290 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:266 Resp: 2005

Ion	Ratio	Lower	Upper
266	100		
264	65.3	50.0	75.0
268	66.0	54.2	81.4



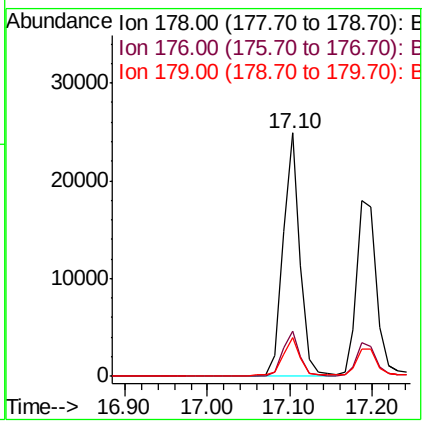


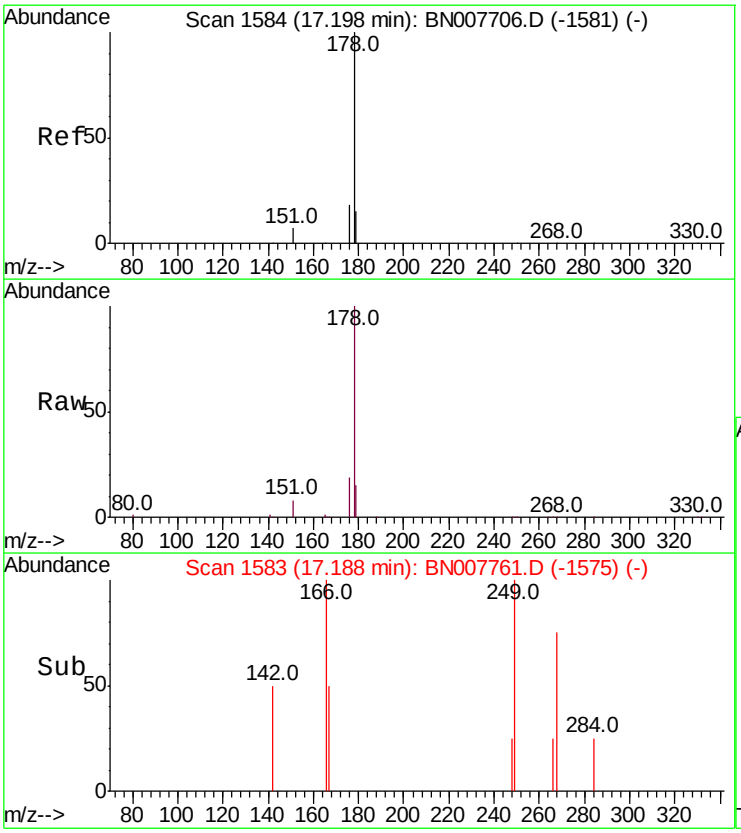
#23
Phenanthrene
Concen: 0.399 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:178 Resp: 35135

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.5	18.7

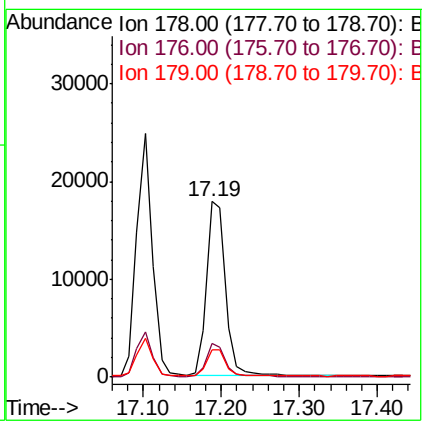


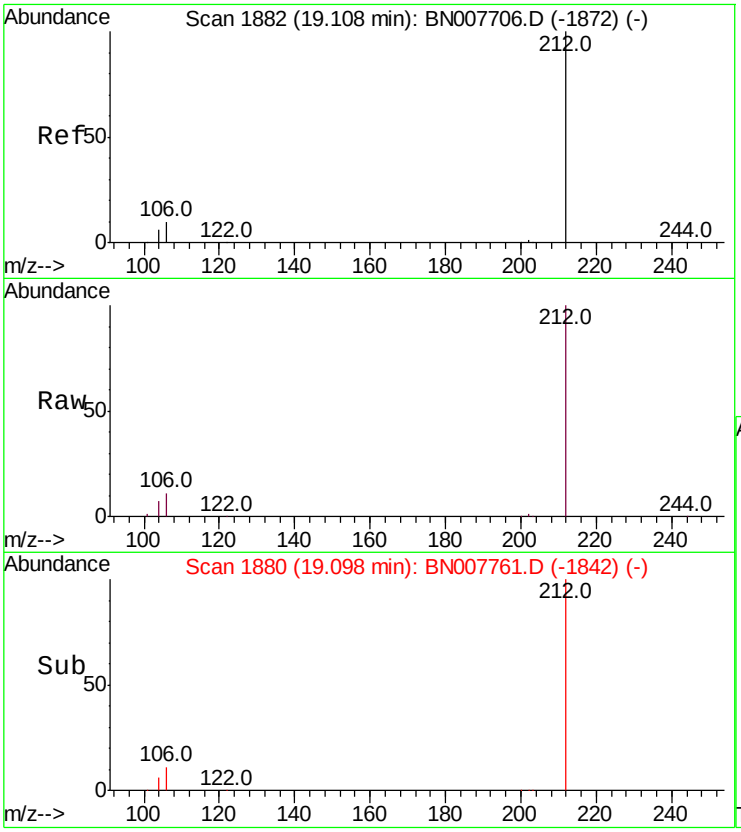


#24
Anthracene
Concen: 0.377 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:178 Resp: 29964

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.4	12.2	18.4



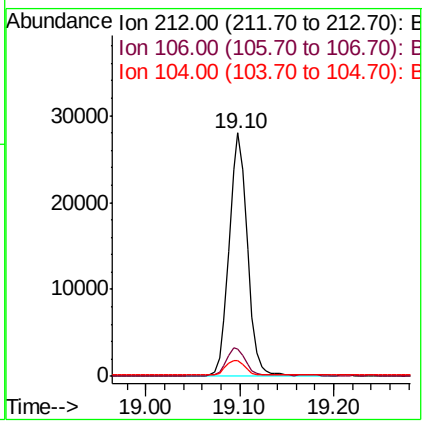


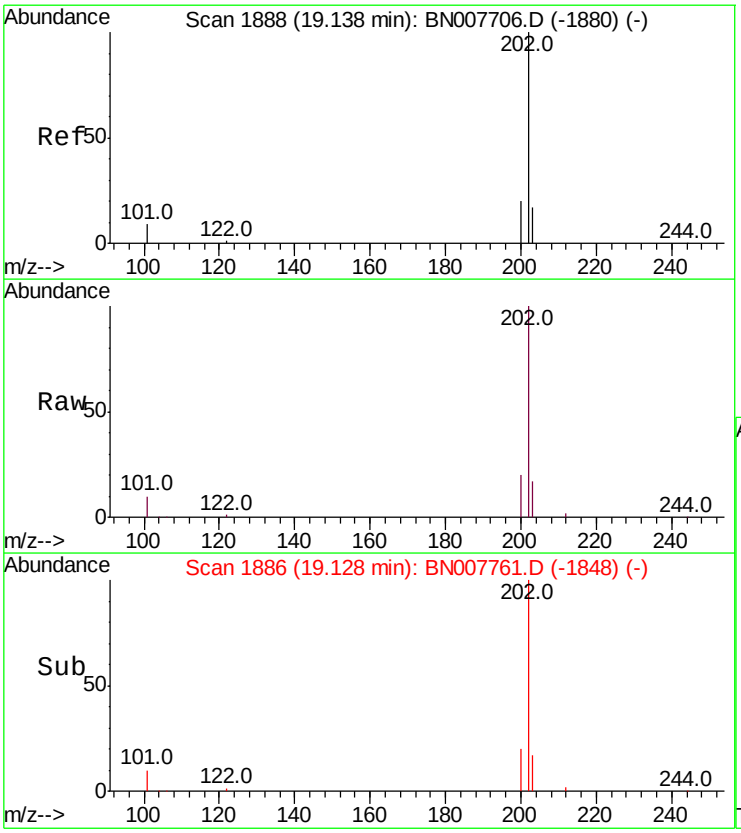
#25
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.10 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:212 Resp: 37546

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.4	14.0
104	6.7	5.3	7.9

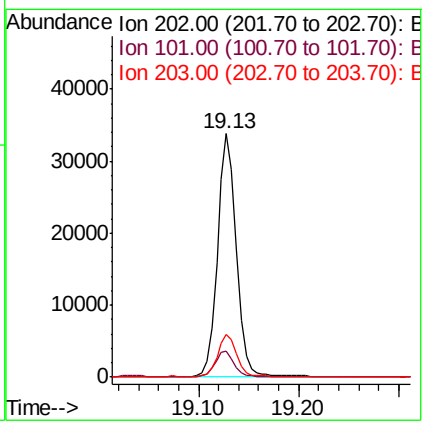


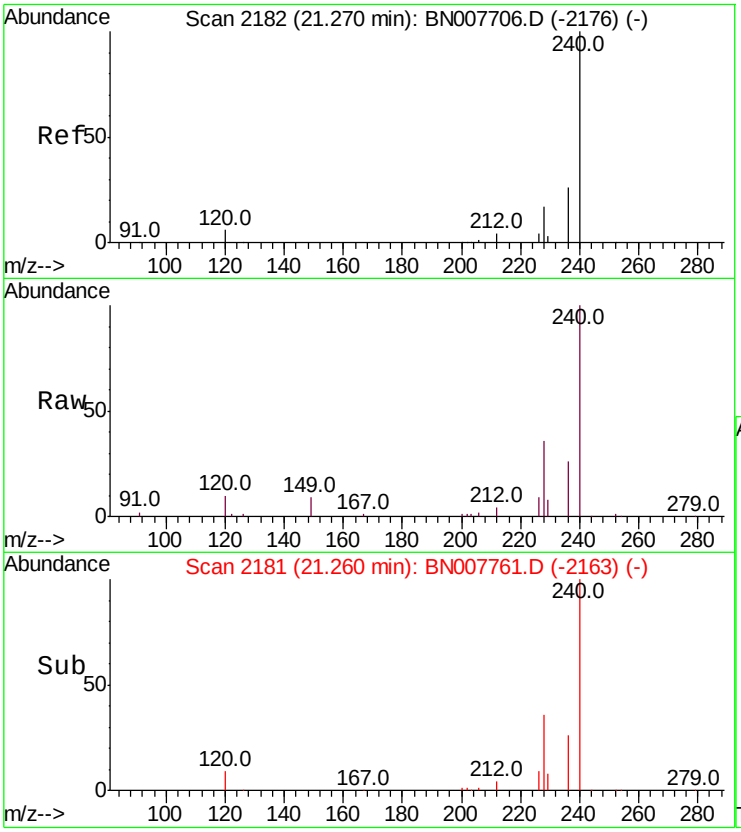


#26
Fluoranthene
Concen: 0.398 ng
RT: 19.13 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:202 Resp: 43636

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	17.2	13.8	20.8



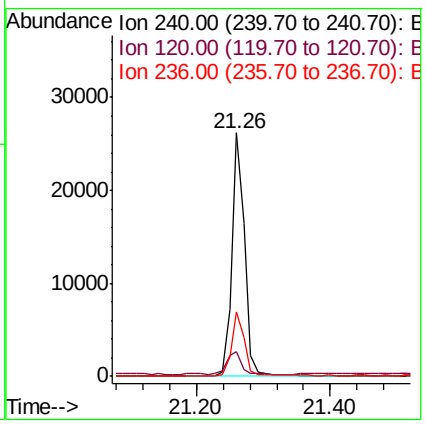


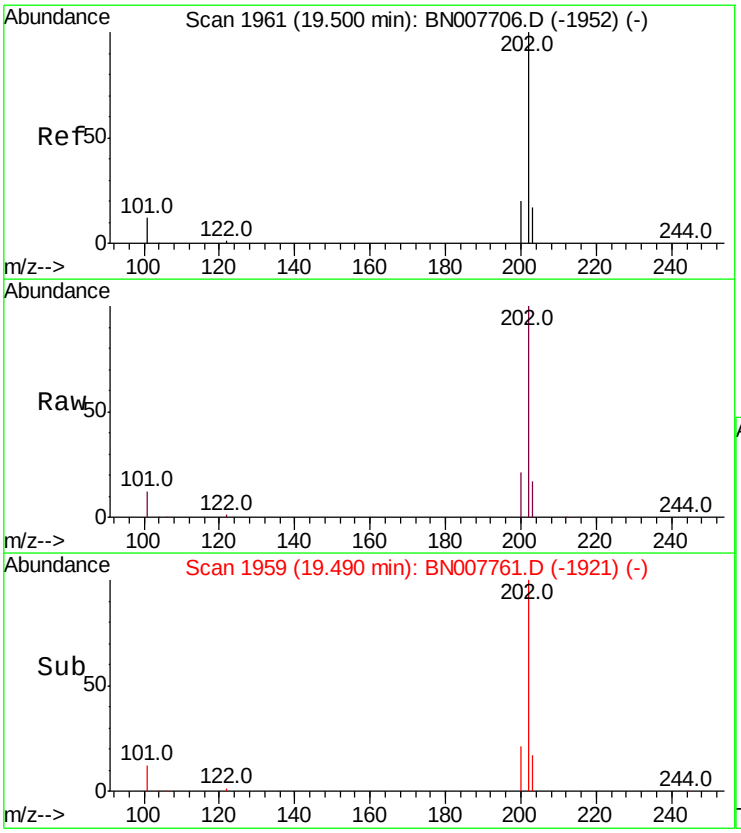
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:240 Resp: 34006

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.4	8.2#
236	26.4	21.0	31.4

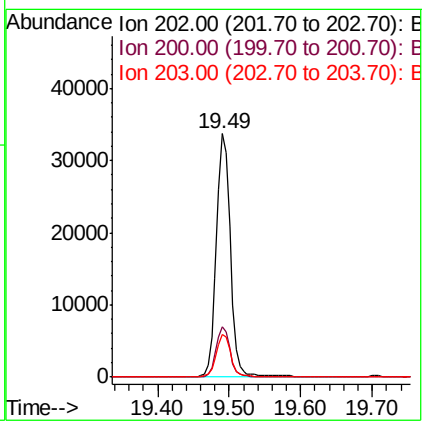


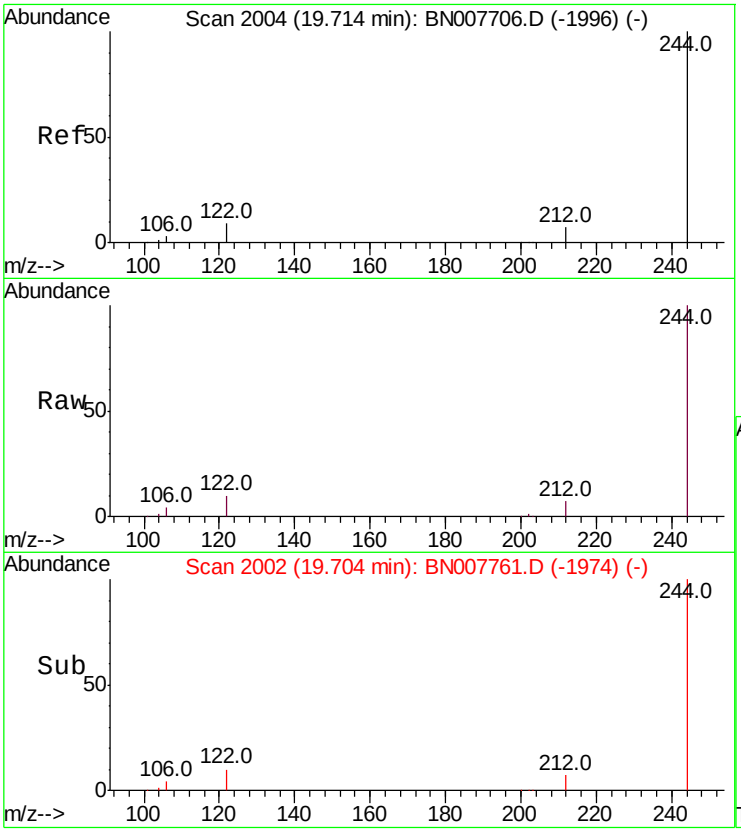


#28
Pyrene
Concen: 0.387 ng
RT: 19.49 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:202 Resp: 44864

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.6	14.1	21.1



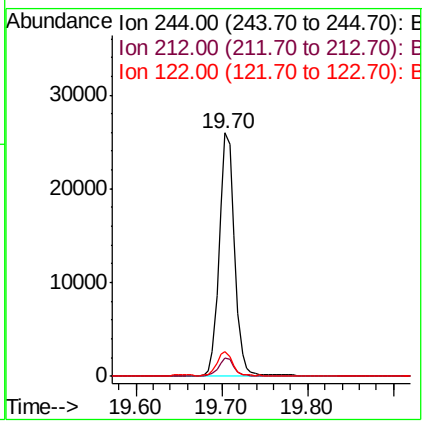


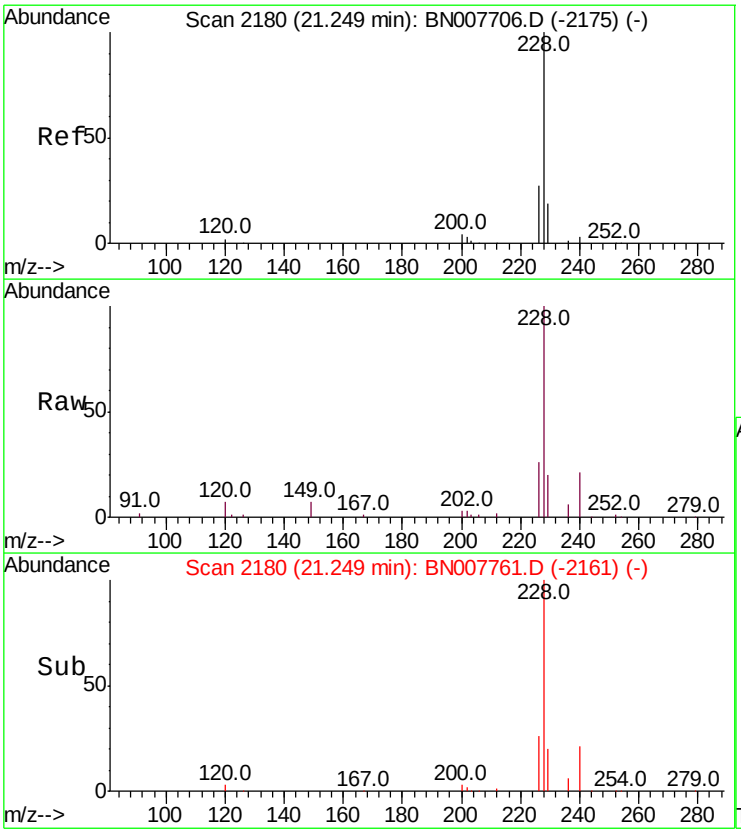
#29
Terphenyl-d14
Concen: 0.383 ng
RT: 19.70 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:244 Resp: 31960

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.4	7.4	11.2

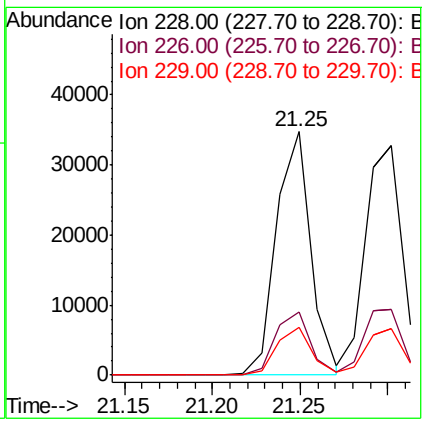


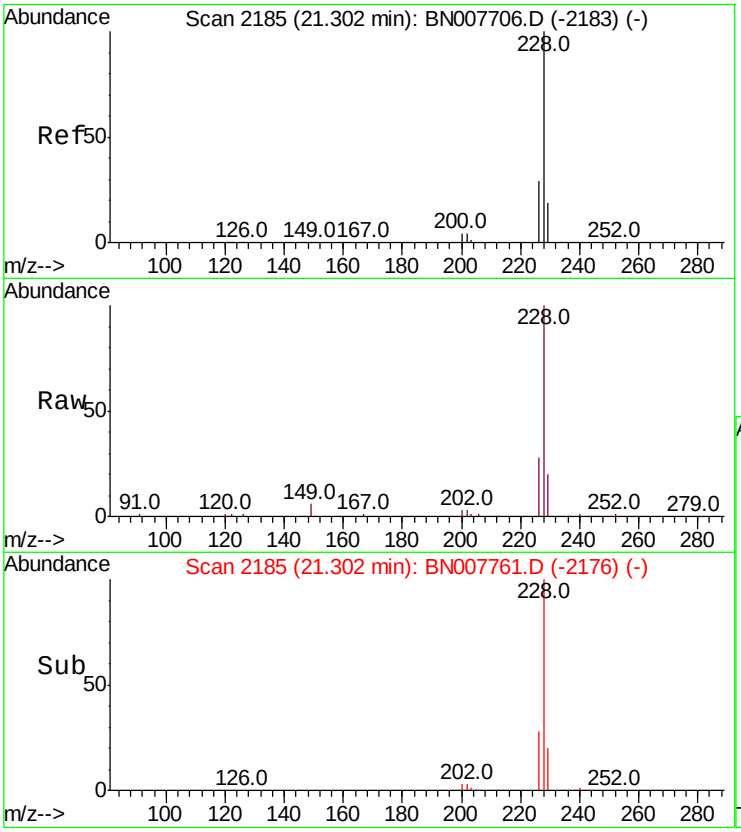


#30
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.25 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:228 Resp: 47276

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.1	33.1
229	19.8	15.8	23.6



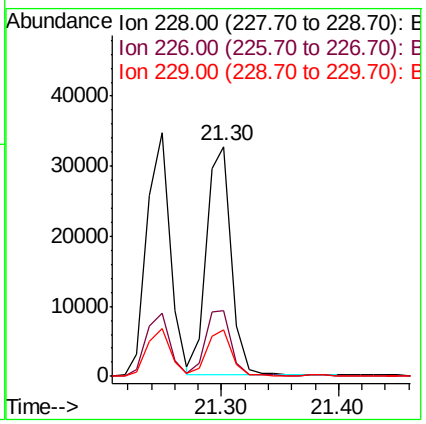


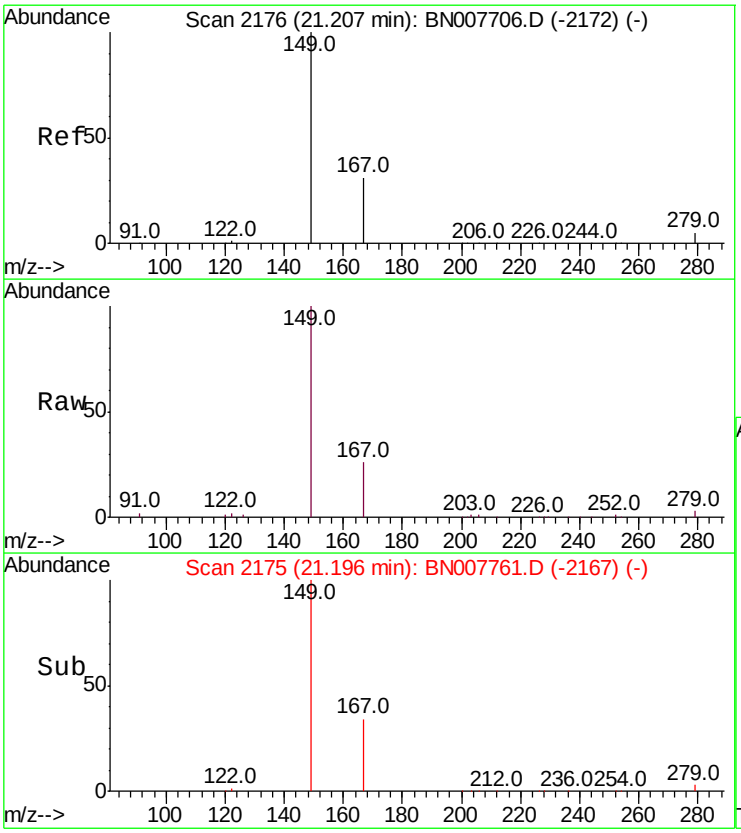
#31
Chrysene
Concen: 0.397 ng
RT: 21.30 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:228 Resp: 48410

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.9	35.9
229	20.1	15.8	23.6

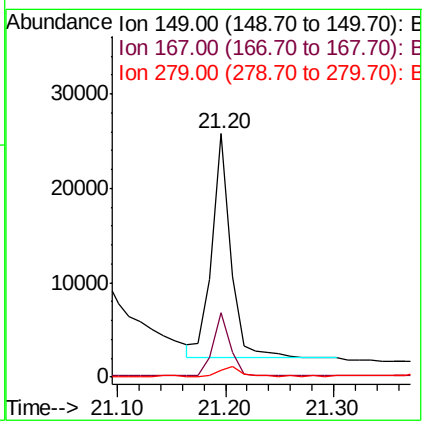


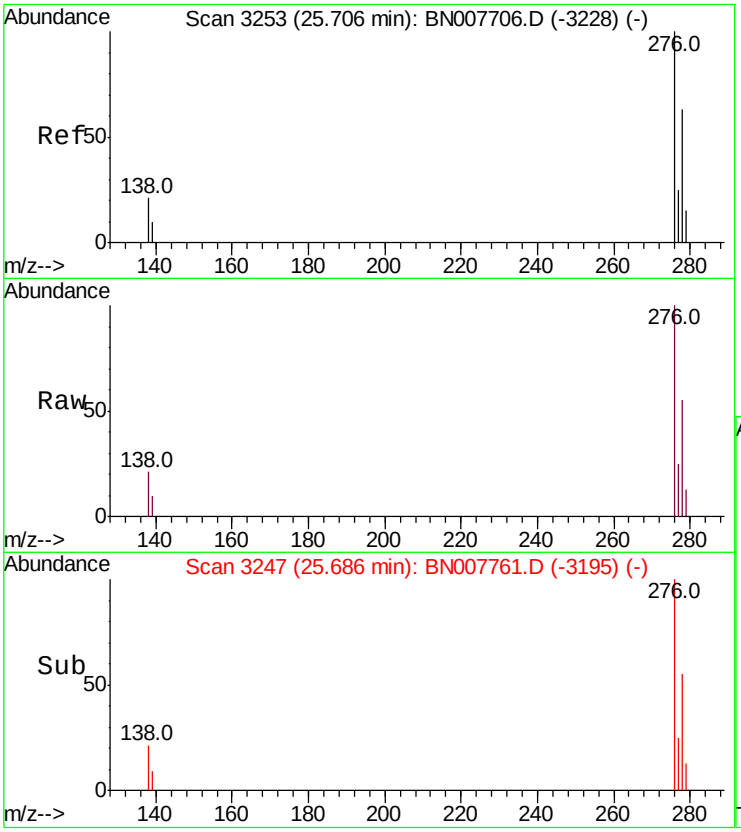


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.453 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:149 Resp: 29148

Ion	Ratio	Lower	Upper
149	100		
167	25.5	23.7	35.5
279	4.2	4.2	6.2



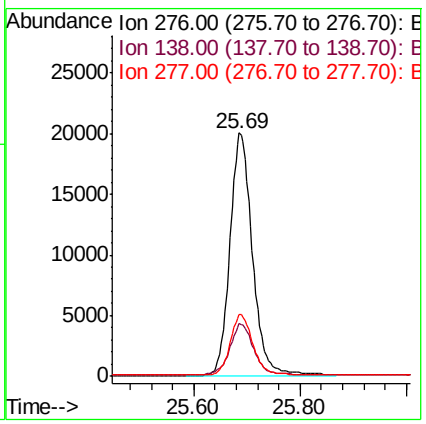


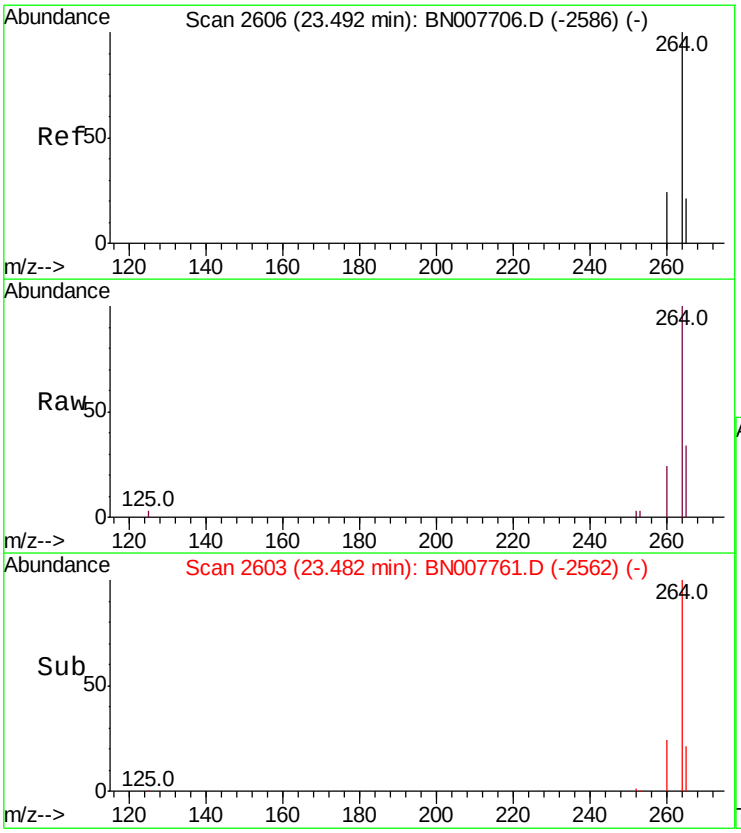
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 25.69 min Scan# 3247
Delta R.T. -0.02 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:276 Resp: 58746

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.1	25.7
277	24.9	20.0	30.0

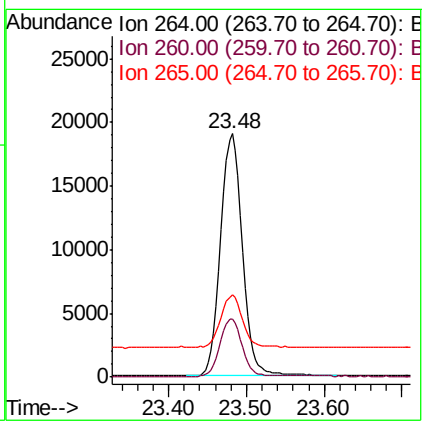


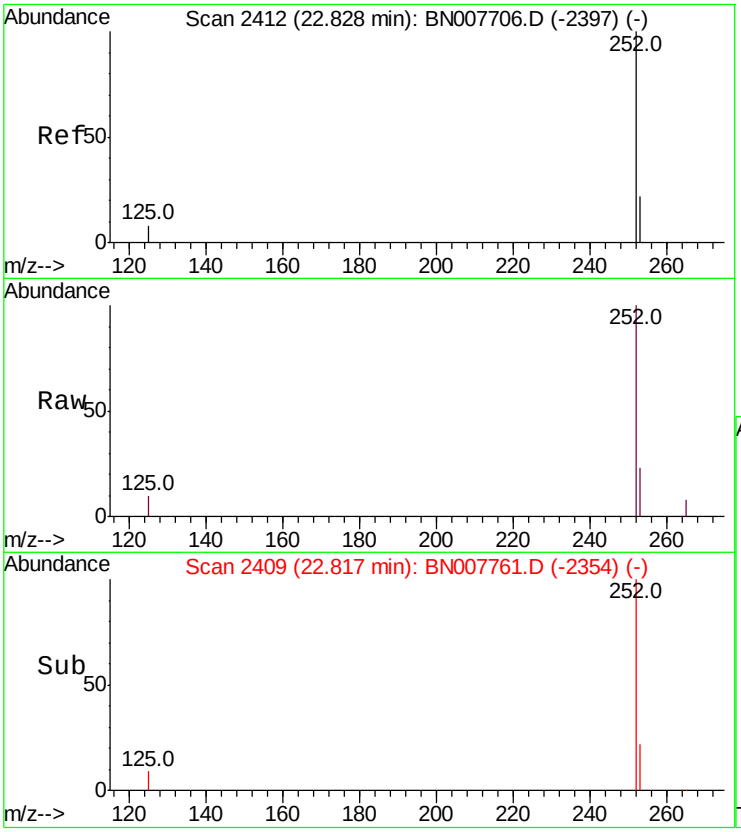


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:264 Resp: 37091

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	33.7	26.9	40.3



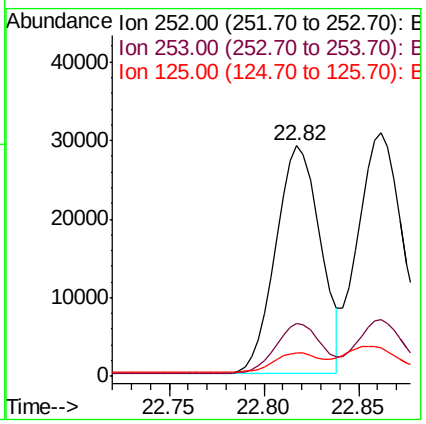


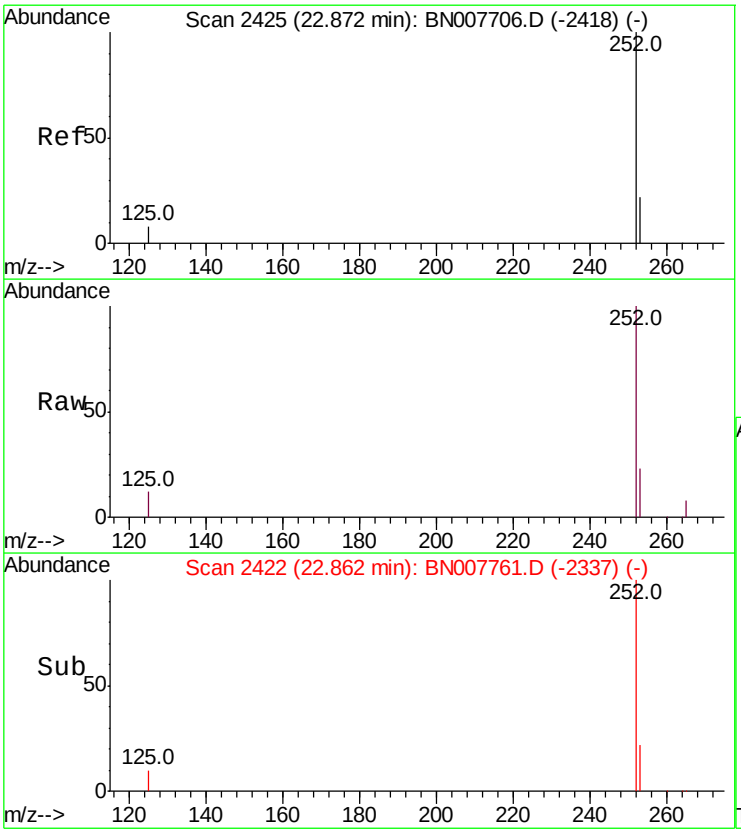
#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:252 Resp: 47333

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	10.4	8.2	12.4

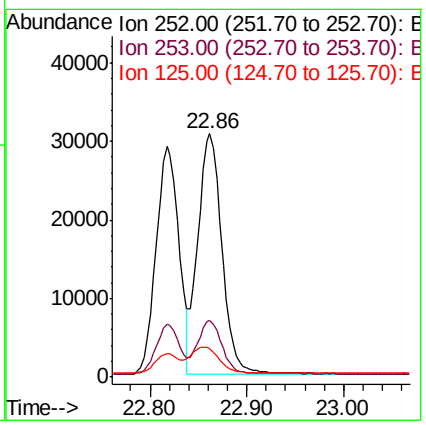


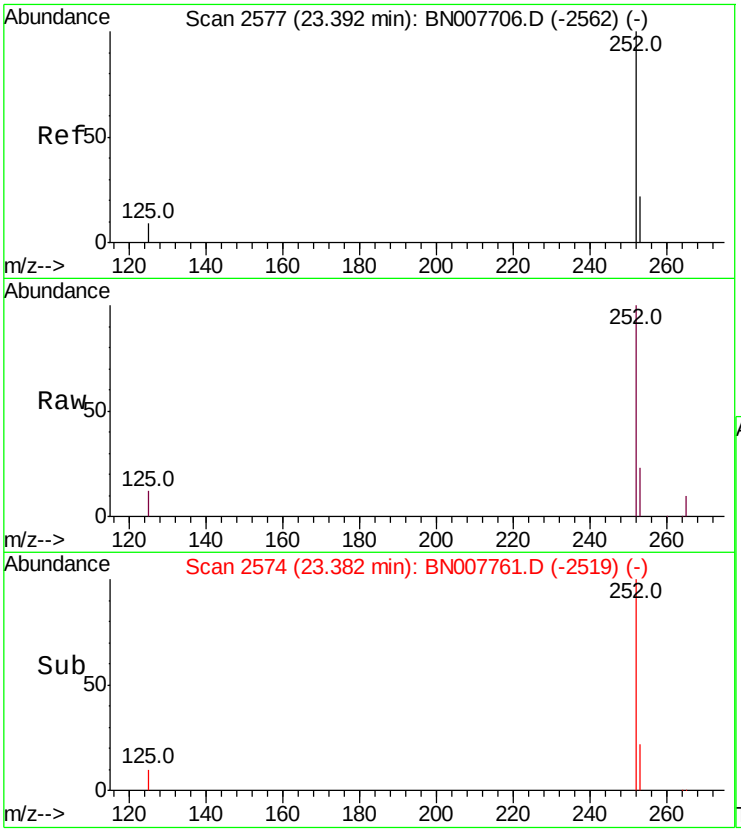


#36
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 22.86 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:252 Resp: 52908

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	11.6	8.4	12.6



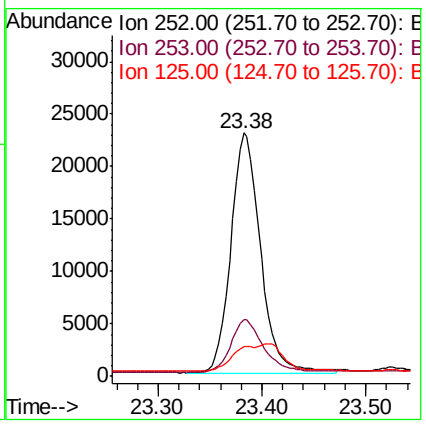


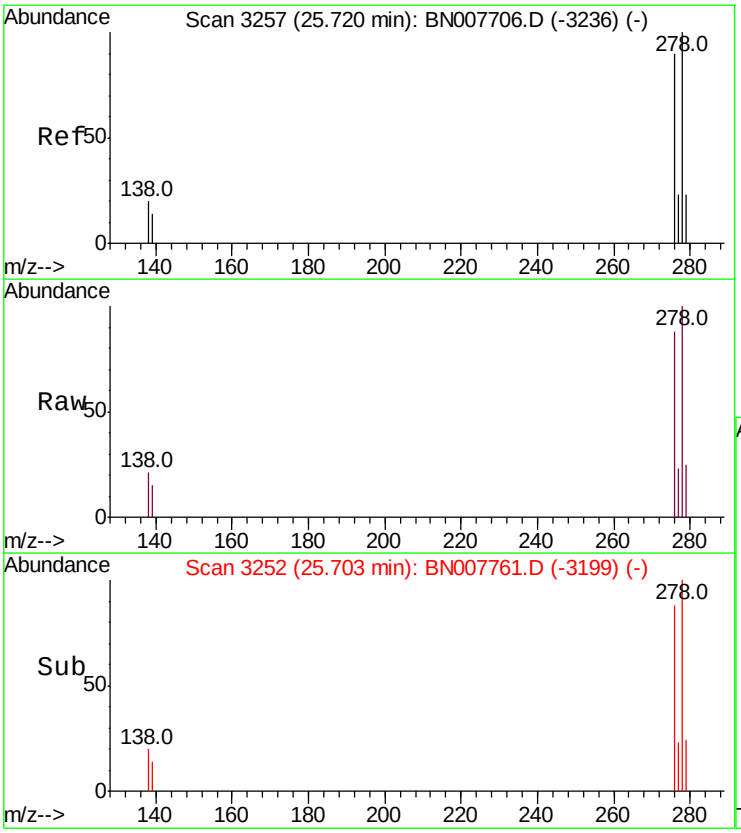
#37
Benzo(a)pyrene
Concen: 0.374 ng
RT: 23.38 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:252 Resp: 45266

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	12.4	9.4	14.0

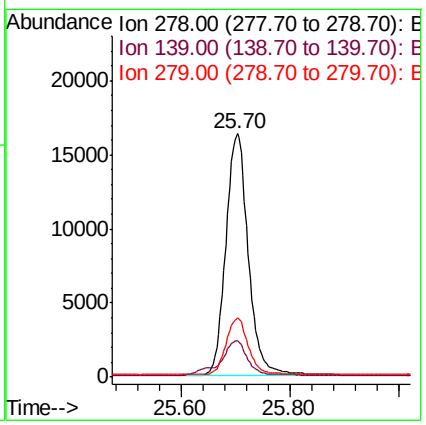


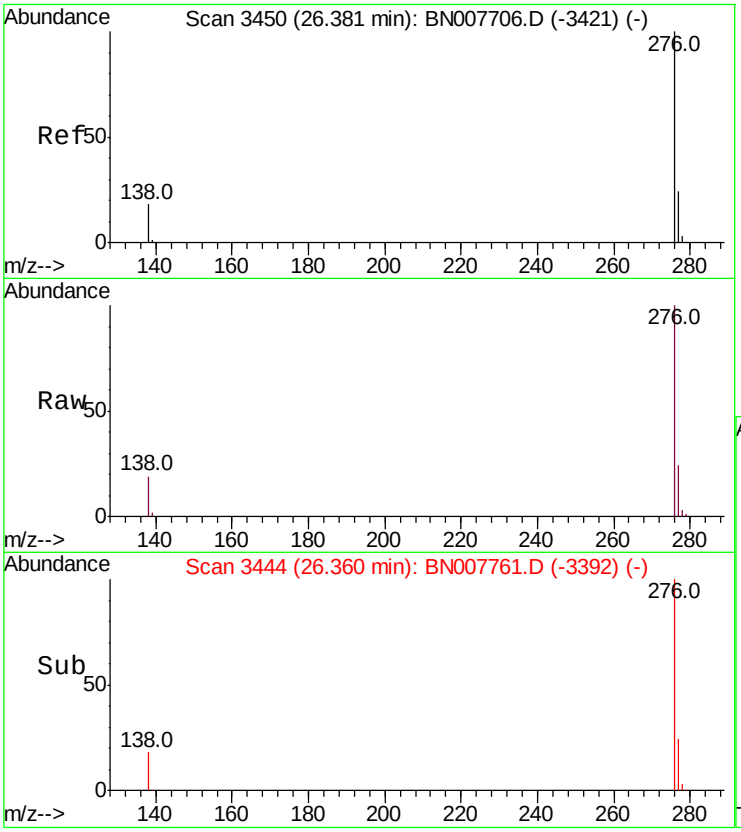


#38
Dibenzo(a,h)anthracene
Concen: 0.383 ng
RT: 25.70 min Scan# 3252
Delta R.T. -0.02 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Tgt Ion:278 Resp: 47371

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.6
279	24.6	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.378 ng
RT: 26.36 min Scan# 3444
Delta R.T. -0.02 min
Lab File: BN007761.D
Acq: 20 Sep 2019 13:22

Instrument :
BNA_N
ClientSampleId :
PB123061BS

Tgt Ion:276 Resp: 46349

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	19.2	15.1	22.7