Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
Data File : BN007709.D
Acq On : 18 Sep 2019 17:12
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Sep 18 17:49:57 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 16:39:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	5407	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	22416	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	13128	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	31029	0.40	ng		0.00
27) Chrysene-d12	21.27	240	36324	0.40	ng		0.00
34) Perylene-d12	23.49	264	38590	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	52713	3.20	ng		0.00
5) Phenol-d6	6.87	99	70389	2.78	ng		0.00
8) Nitrobenzene-d5	8.83	82	63606	4.66	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	124385	3.22	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	22162	4.44	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	174175	3.21	ng		0.00
25) Fluoranthene-d10	19.11	212	342435	3.40	ng		0.00
29) Terphenyl-d14	19.71	244	284064	3.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	22751	3.989	ng		90
3) n-Nitrosodimethylamine	3.01	42	1744	0.540	ng		94
6) bis(2-Chloroethyl)ether	7.14	93	54553	5.115	ng		91
9) Naphthalene	10.52	128	202006	3.204	ng		99
10) Hexachlorobutadiene	10.82	225	41737	3.301	ng	#	100
12) 2-Methylnaphthalene	12.14	142	141188	3.195	ng		99
16) Acenaphthylene	14.05	152	232578	3.299	ng		100
17) Acenaphthene	14.39	154	147532	3.312	ng		99
18) Fluorene	15.37	166	188919	3.221	ng		100
20) 4-Bromophenyl-phenylether	16.27	248	61586	3.357	ng		98
21) Hexachlorobenzene	16.39	284	66905	3.467	ng		99
22) Pentachlorophenol	16.73	266	27286	5.087	ng		98
23) Phenanthrene	17.11	178	314671	3.286	ng		100
24) Anthracene	17.20	178	294004	3.328	ng		100
26) Fluoranthene	19.14	202	391152	3.366	ng		100
28) Pyrene	19.50	202	393563	3.015	ng		100
30) Benzo(a)anthracene	21.25	228	435276	3.349	ng		99
31) Chrysene	21.30	228	421769	3.194	ng		99
32) Bis(2-ethylhexyl)phthalate	21.21	149	207660	4.669	ng		99
33) Indeno(1,2,3-cd)pyrene	25.71	276	511941	3.667	ng		100
35) Benzo(b)fluoranthene	22.83	252	441938	3.221	ng		97
36) Benzo(k)fluoranthene	22.87	252	423193	3.121	ng		97
37) Benzo(a)pyrene	23.39	252	408277	3.346	ng		97
38) Dibenzo(a,h)anthracene	25.72	278	417099	3.405	ng		99
39) Benzo(g,h,i)perylene	26.38	276	413372	3.332	ng		99

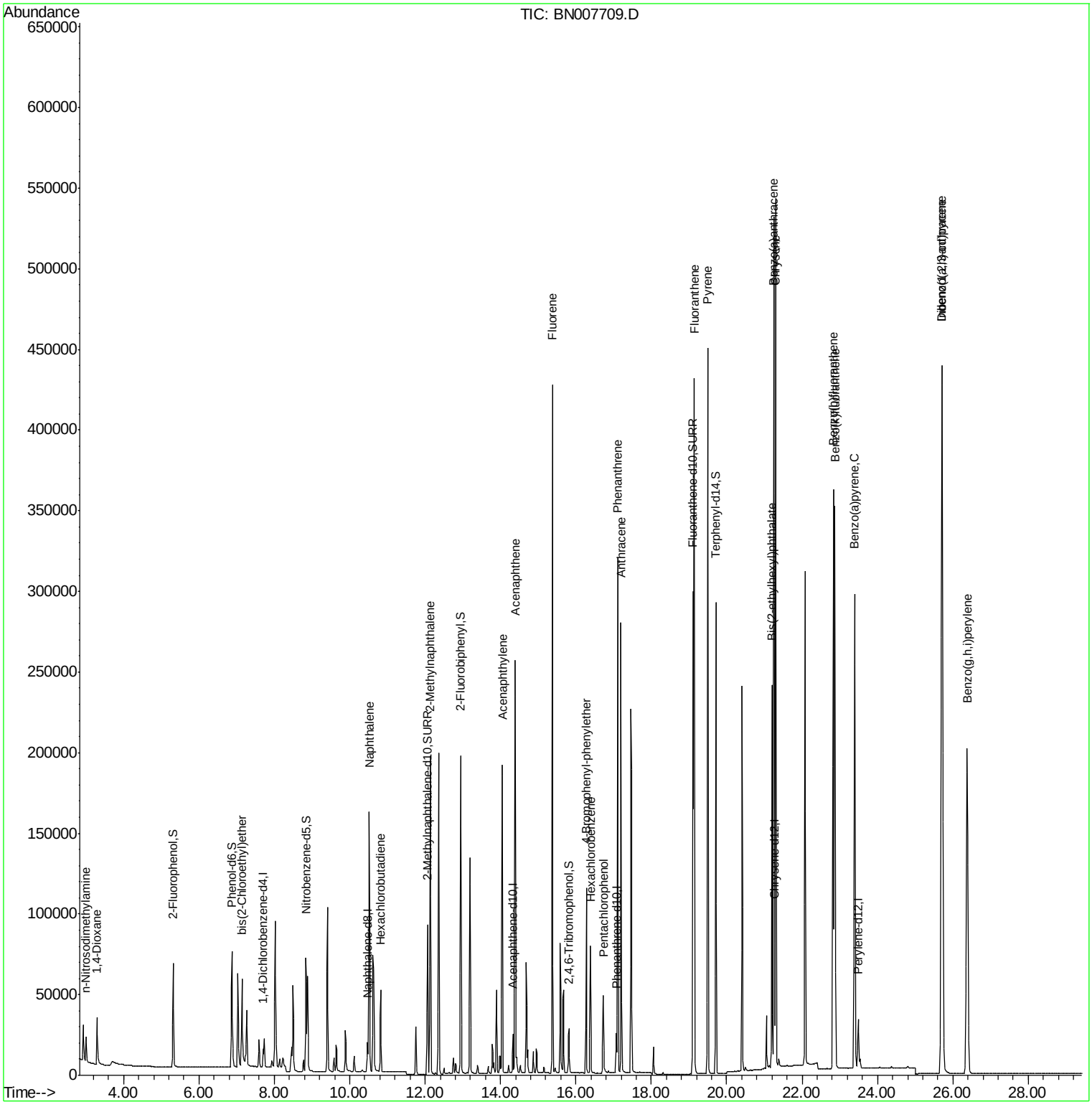
(#) = qualifier out of range (m) = manual integration (+) = signals summed

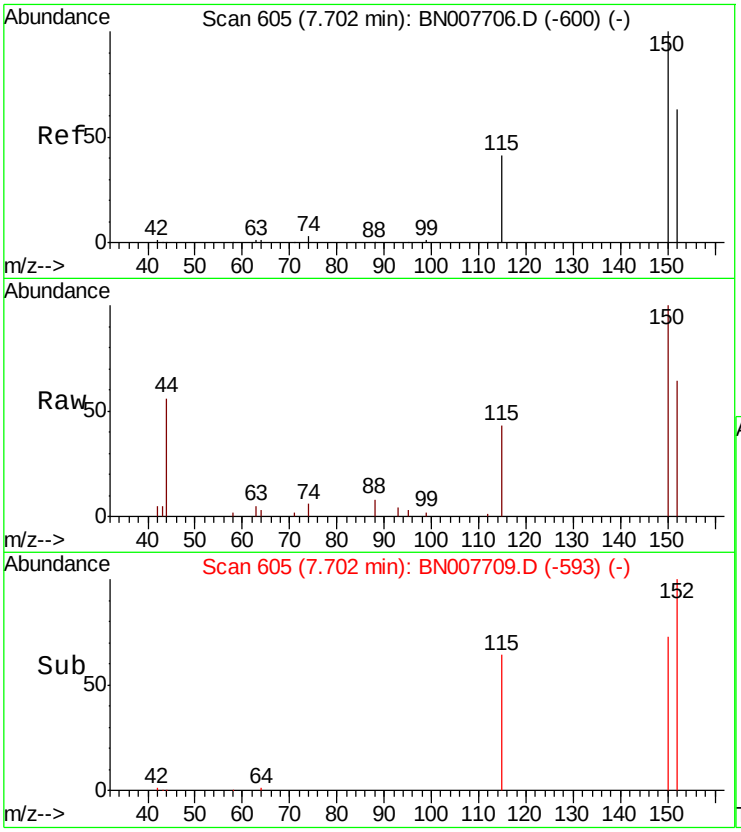
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
Data File : BN007709.D
Acq On : 18 Sep 2019 17:12
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 18 17:49:57 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 16:39:13 2019
Response via : Initial Calibration



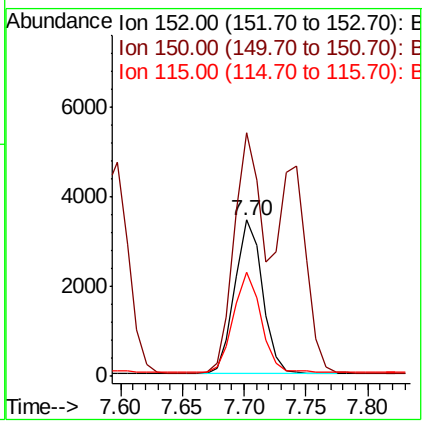


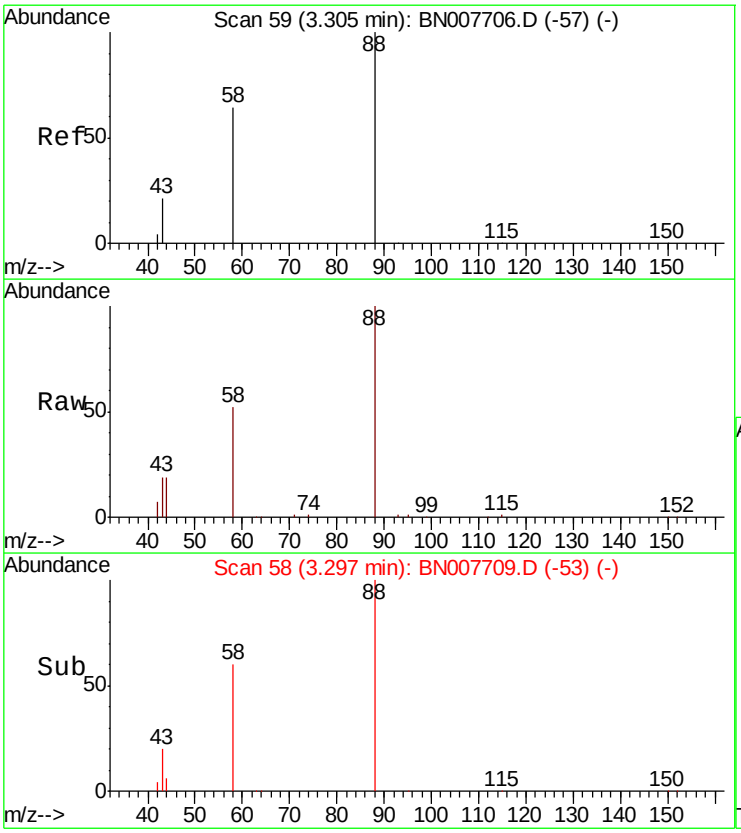
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 5407

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.6	188.4
115	66.4	53.3	79.9

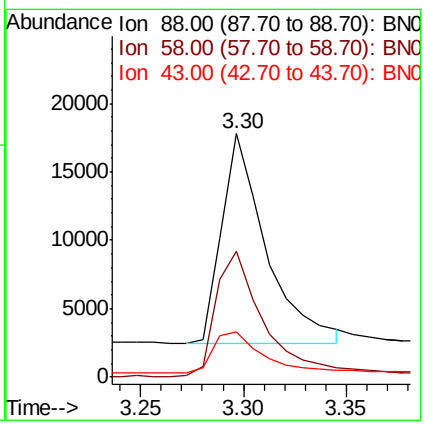


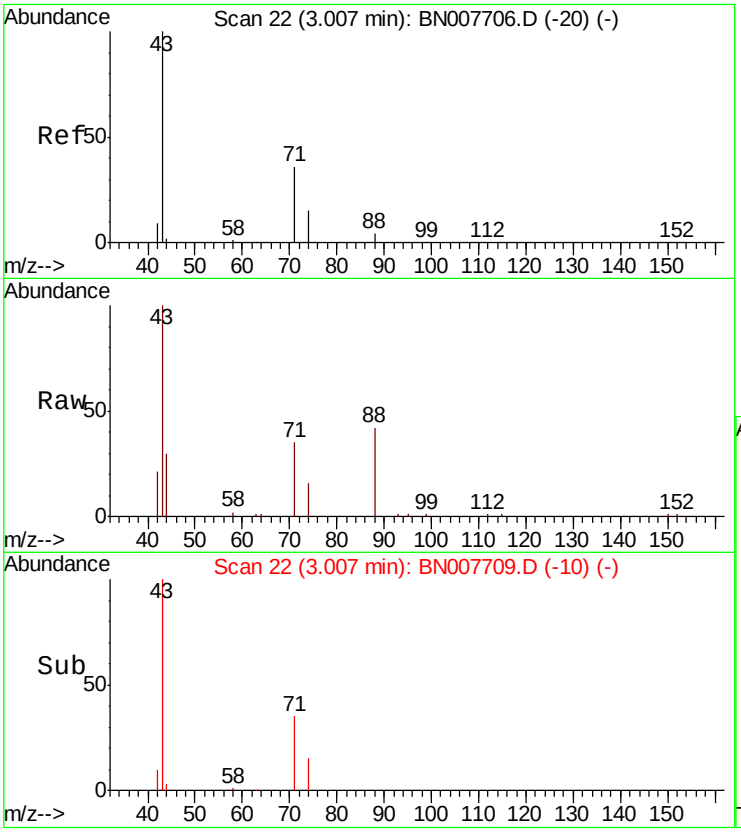


#2
1,4-Dioxane
Concen: 3.989 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion: 88 Resp: 22751

Ion	Ratio	Lower	Upper
88	100		
58	63.4	44.6	66.8
43	21.5	14.4	21.6



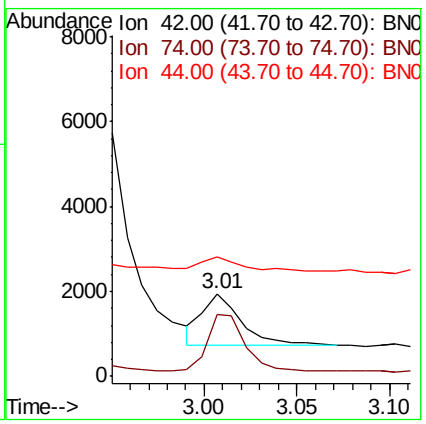


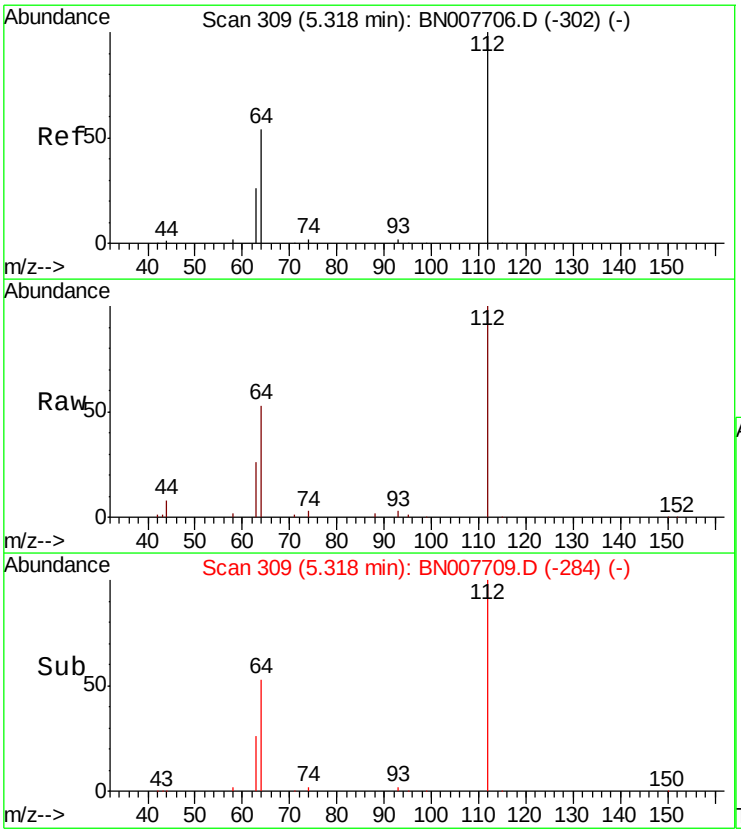
#3
n-Nitrosodimethylamine
Concen: 0.540 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 1744

Ion	Ratio	Lower	Upper
42	100		
74	106.3	87.9	131.9
44	29.6	29.4	44.0

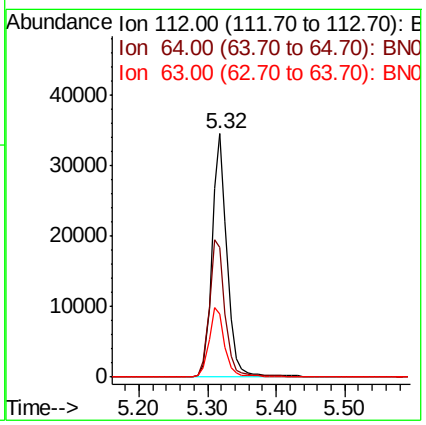


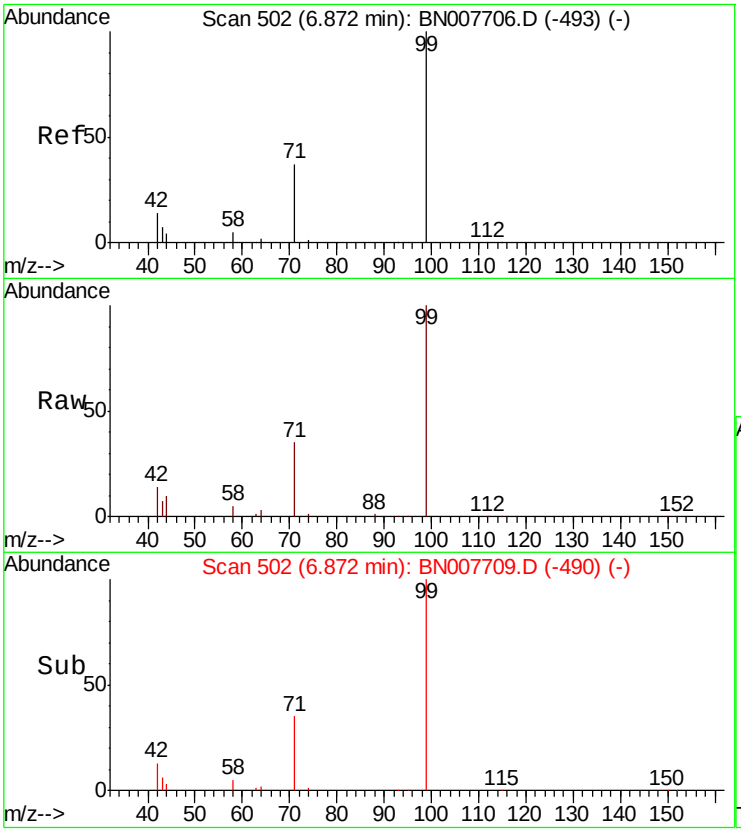


#4
2-Fluorophenol
Concen: 3.201 ng
RT: 5.32 min Scan# 309
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:112 Resp: 52713

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.6	70.0
63	29.5	23.1	34.7



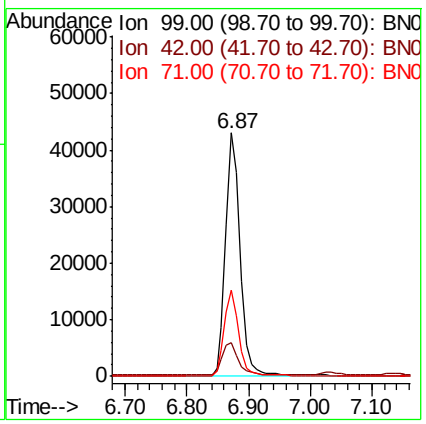


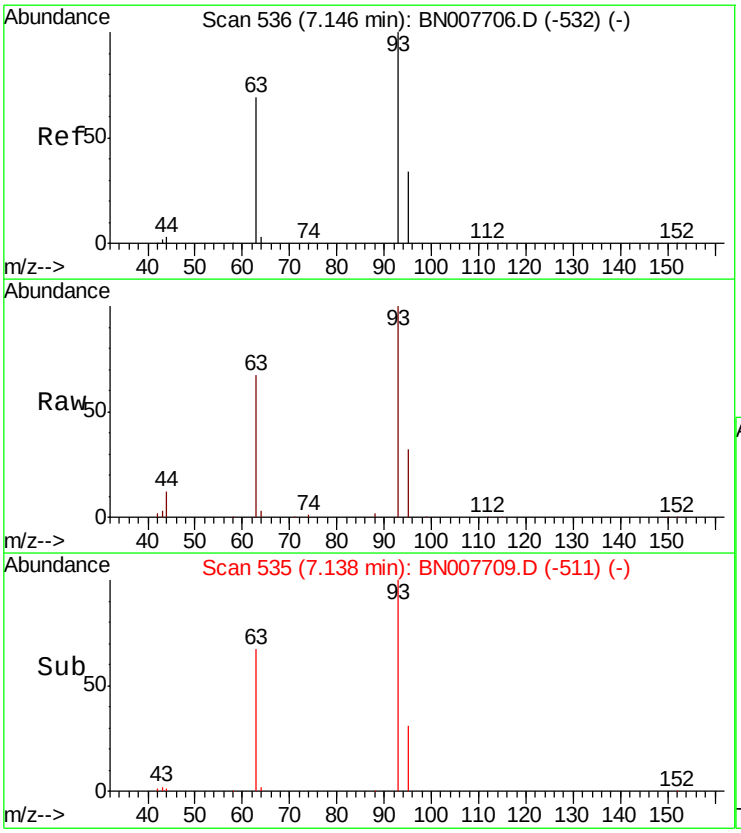
#5
Phenol-d6
Concen: 2.785 ng
RT: 6.87 min Scan# 502
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 70389

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.8	19.2
71	34.8	27.6	41.4

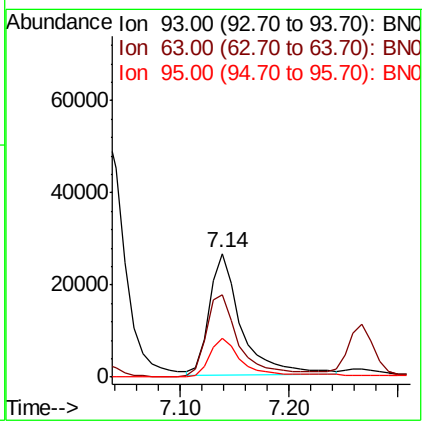


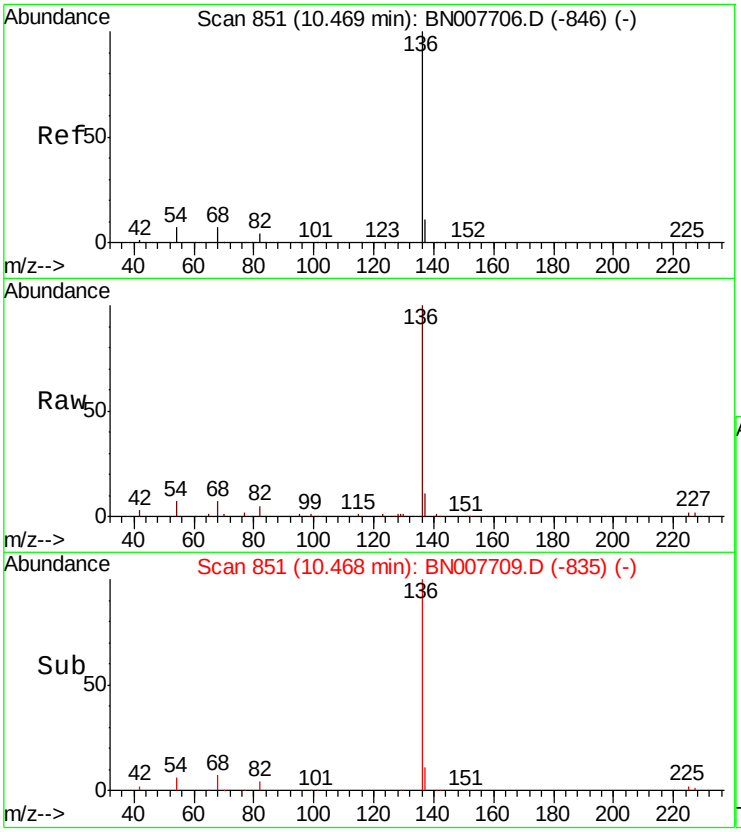


#6
bis(2-Chloroethyl)ether
Concen: 5.115 ng
RT: 7.14 min Scan# 535
Delta R.T. -0.01 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion: 93 Resp: 54553

Ion	Ratio	Lower	Upper
93	100		
63	68.5	59.3	88.9
95	31.4	31.4	47.0



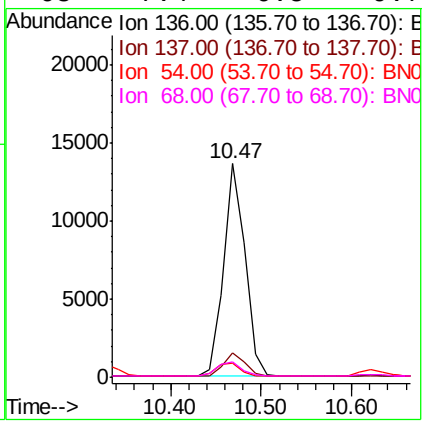


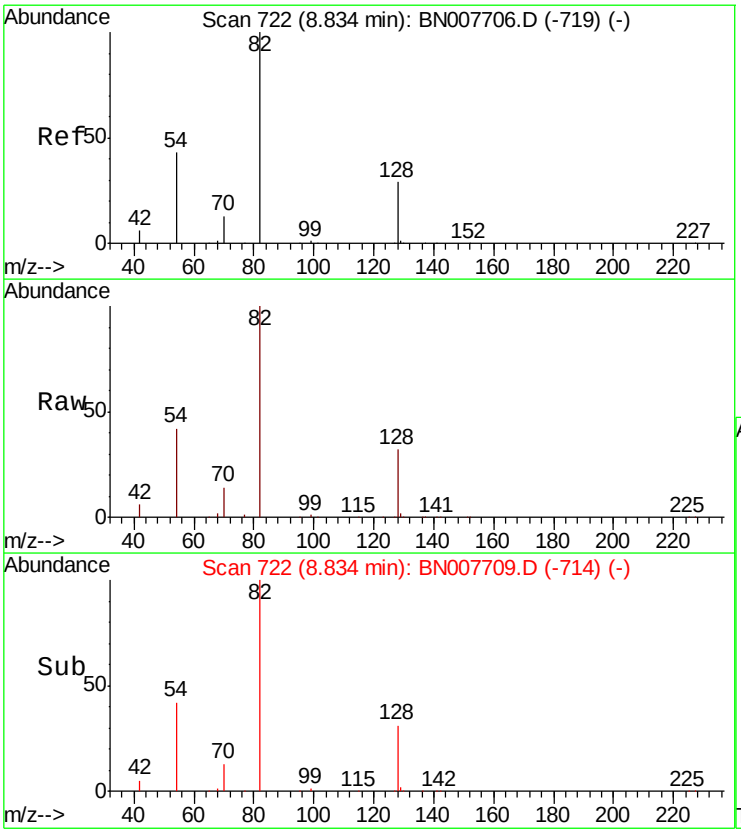
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 22416

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.8	5.8	8.8
68	7.4	6.5	9.7

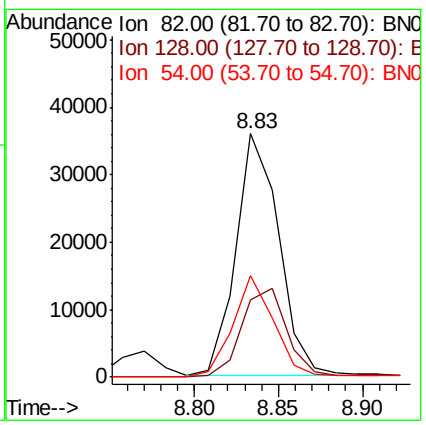


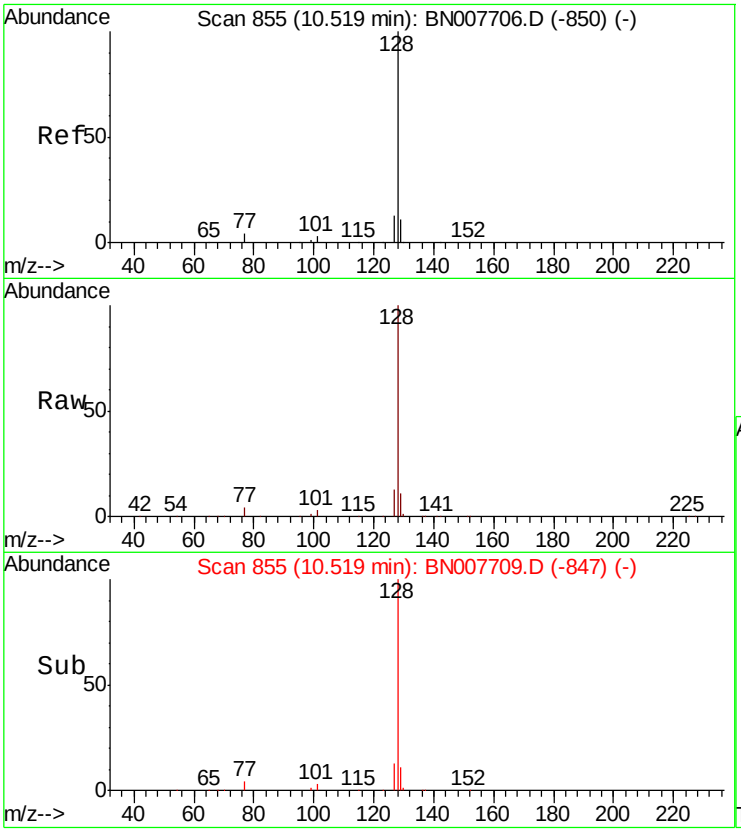


#8
Nitrobenzene-d5
Concen: 4.658 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion: 82 Resp: 63606

Ion	Ratio	Lower	Upper
82	100		
128	31.6	24.5	36.7
54	41.7	35.2	52.8



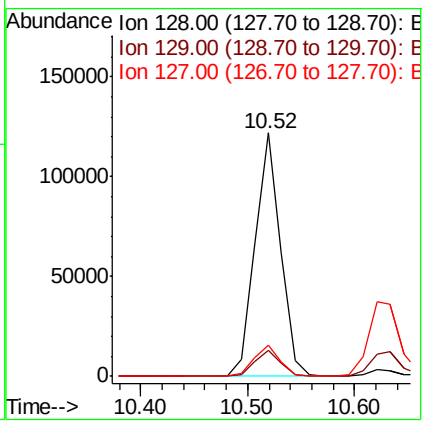


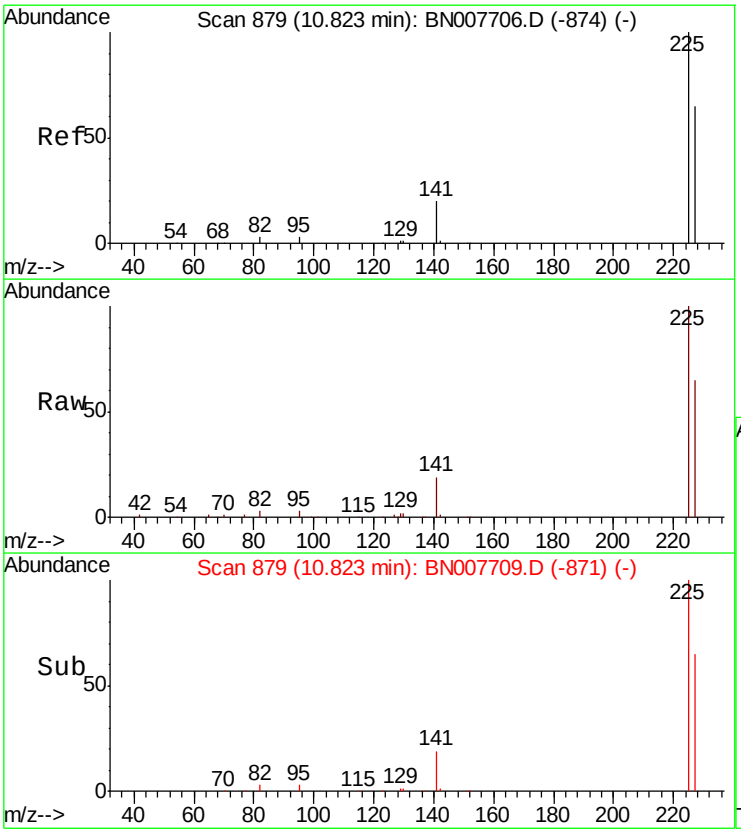
#9
Naphthalene
Concen: 3.204 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 202006

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.0	10.6	15.8

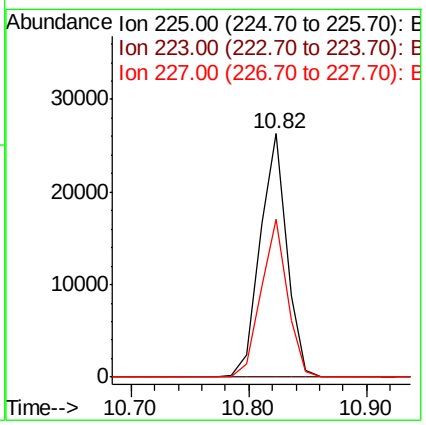


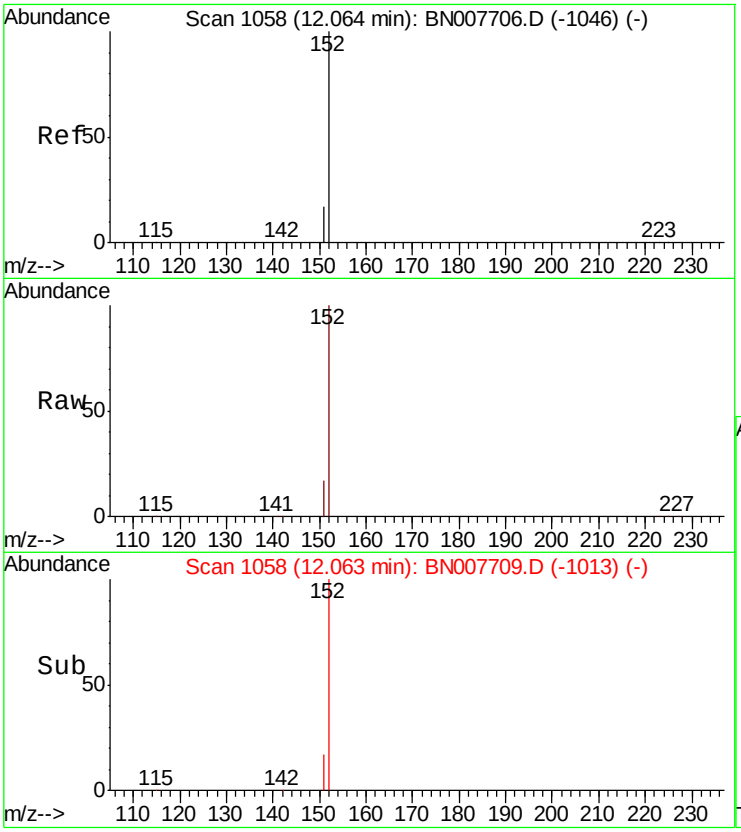


#10
Hexachlorobutadiene
Concen: 3.301 ng
RT: 10.82 min Scan# 879
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:225 Resp: 41737

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.2	76.8



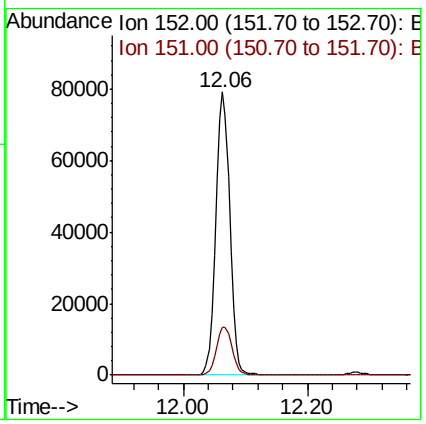


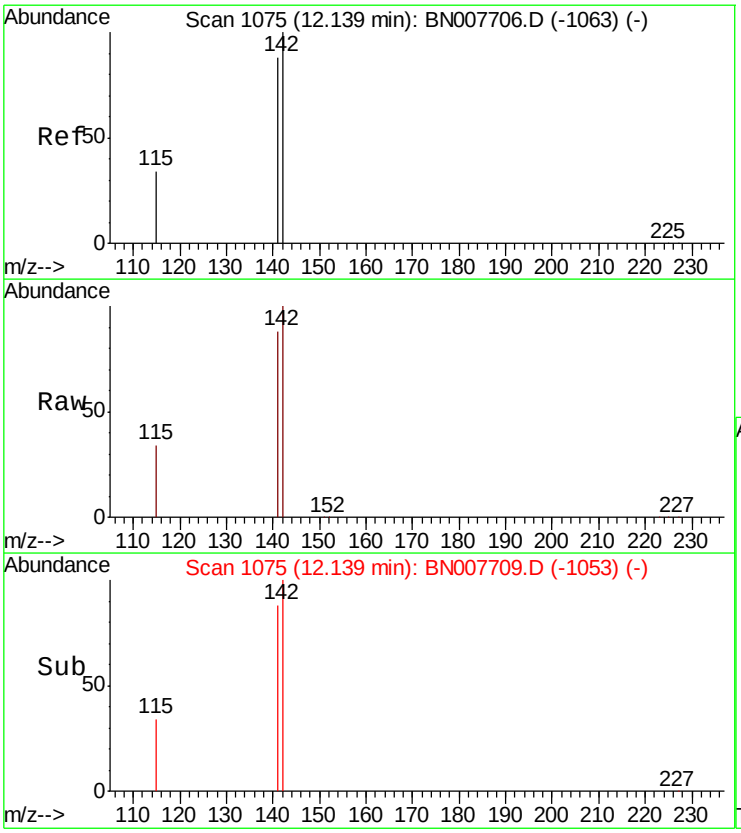
#11
2-Methylnaphthalene-d10
Concen: 3.215 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 124385

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

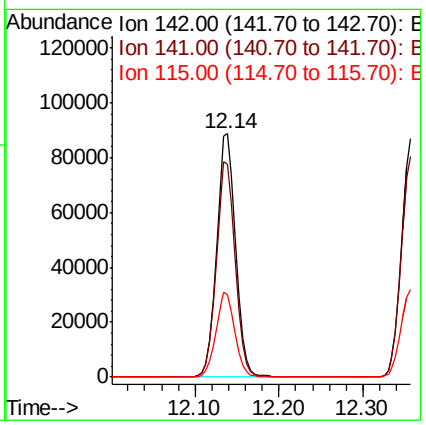


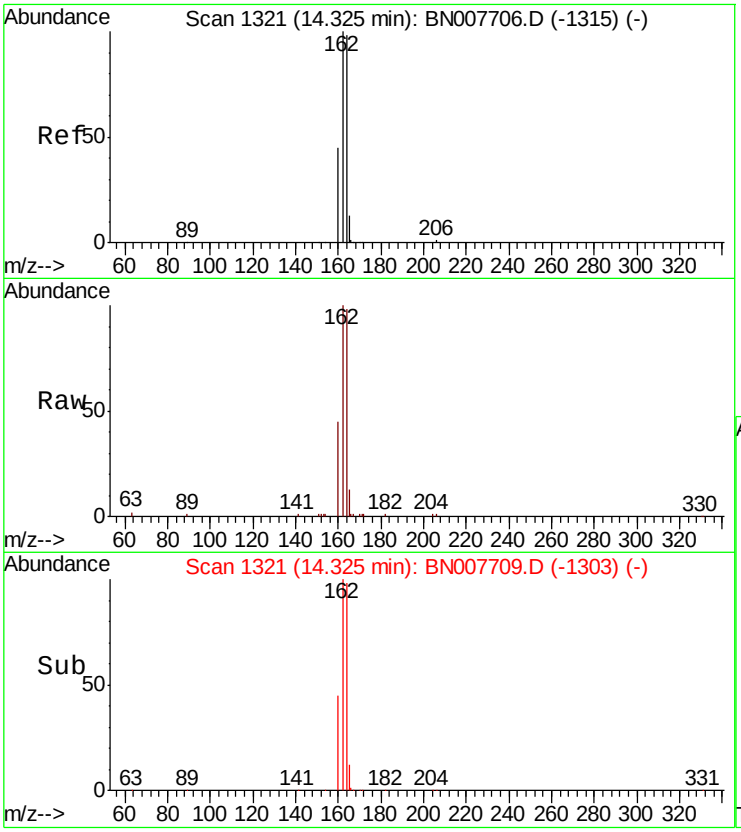


#12
2-Methylnaphthalene
Concen: 3.195 ng
RT: 12.14 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:142 Resp: 141188

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.6	106.0
115	34.1	28.3	42.5



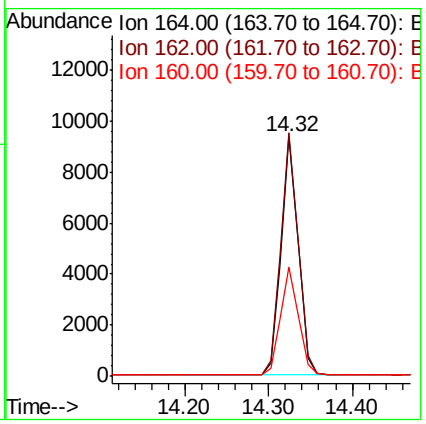


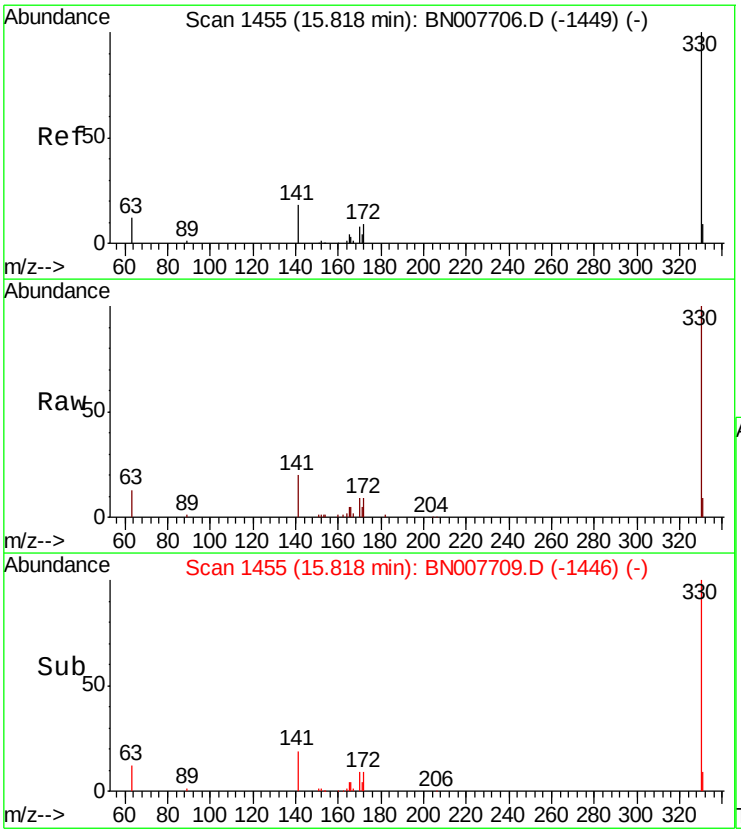
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 13128

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.7	122.5
160	45.9	37.0	55.4

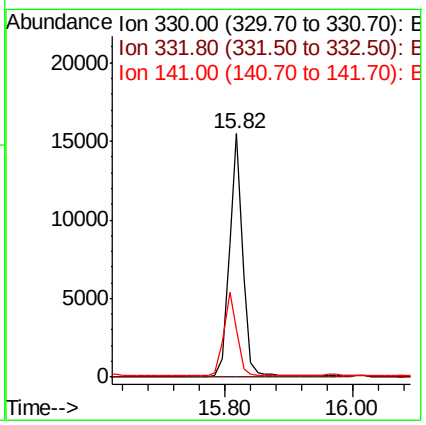


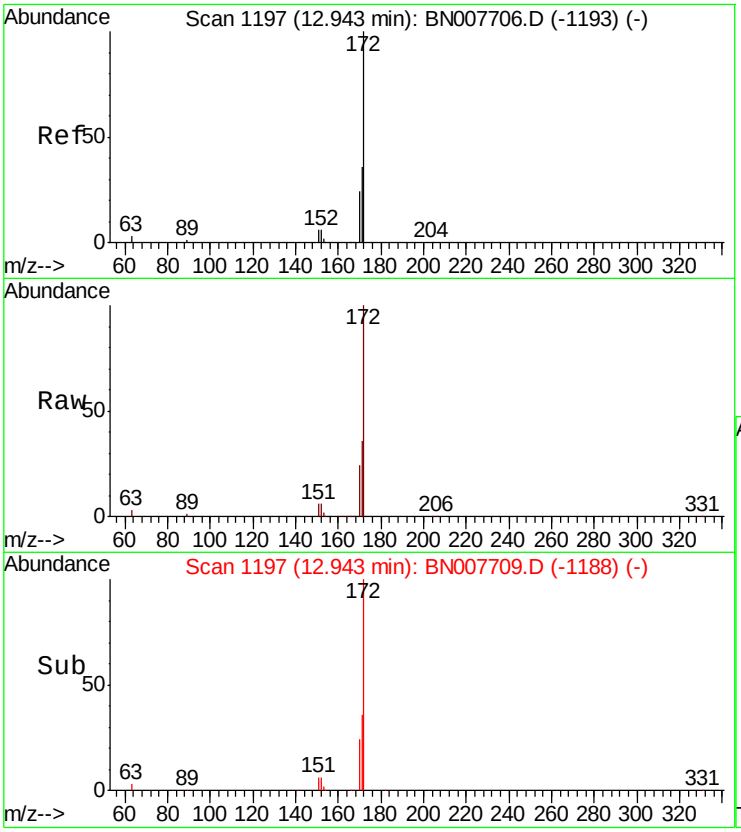


#14
2,4,6-Tribromophenol
Concen: 4.442 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:330 Resp: 22162

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.6	28.7	43.1



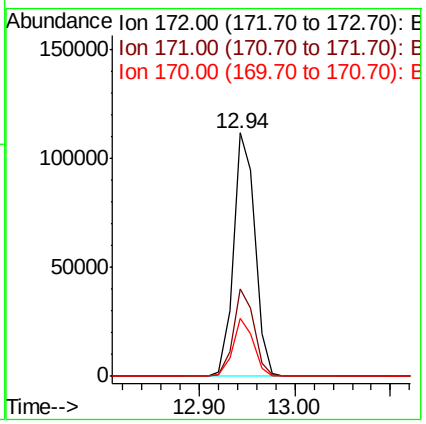


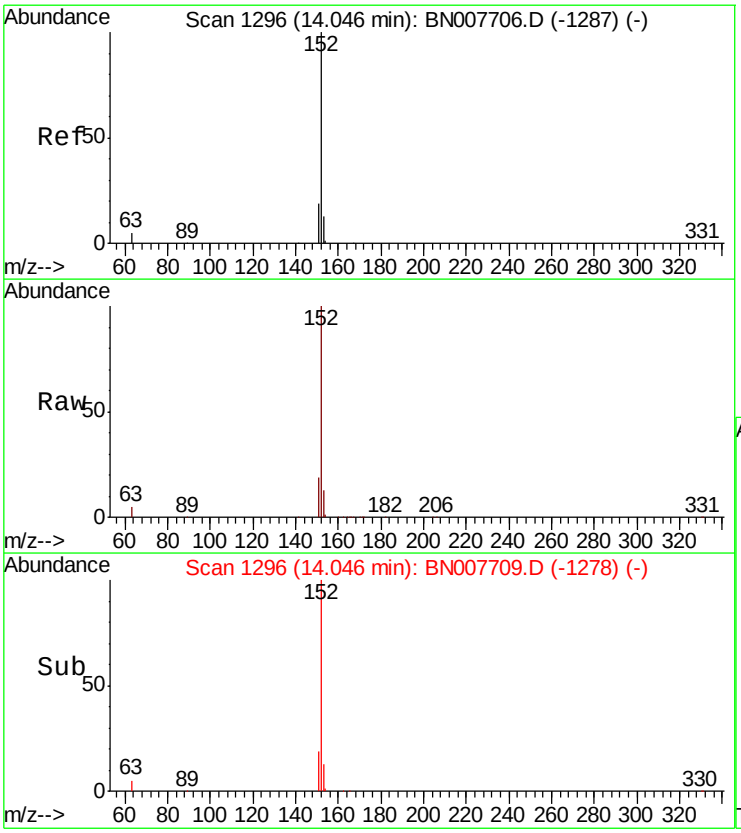
#15
2-Fluorobiphenyl
Concen: 3.210 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 174175

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	24.0	19.5	29.3

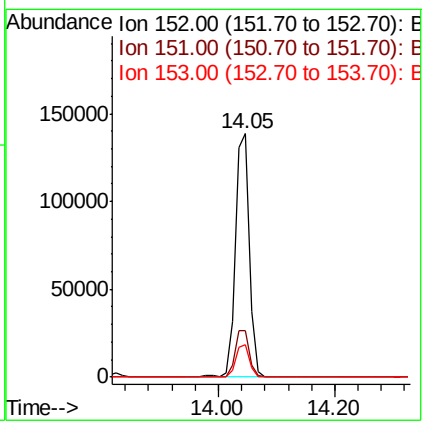


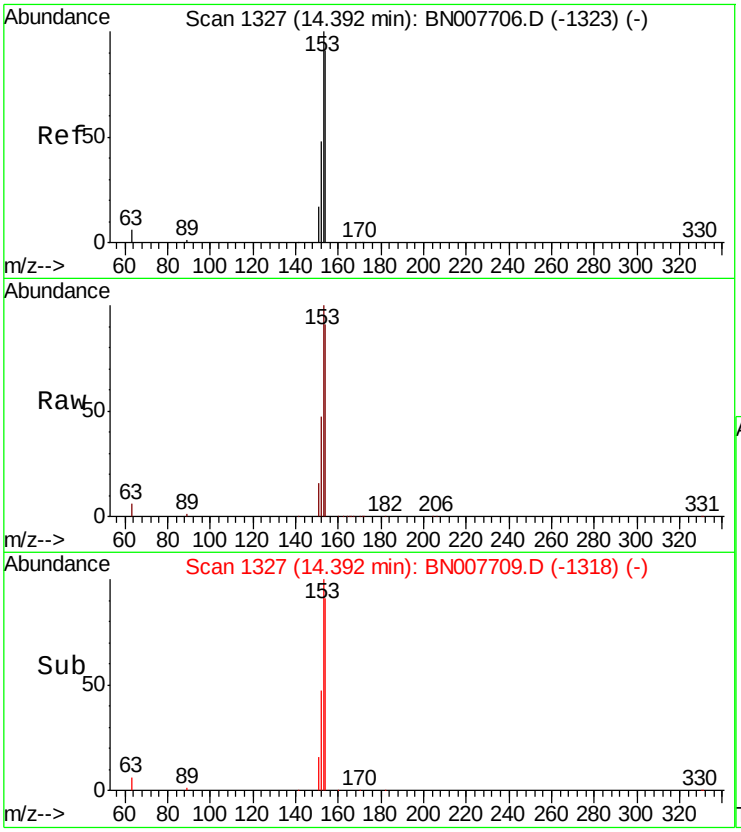


#16
Acenaphthylene
Concen: 3.299 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:152 Resp: 232578

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.1	10.4	15.6



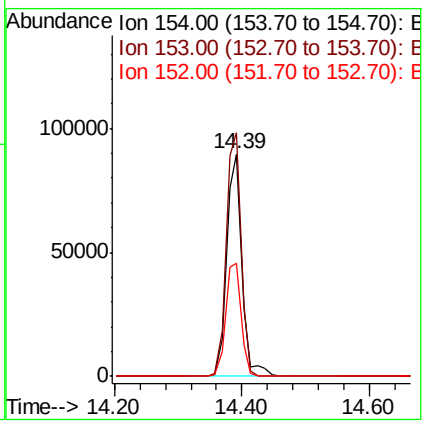


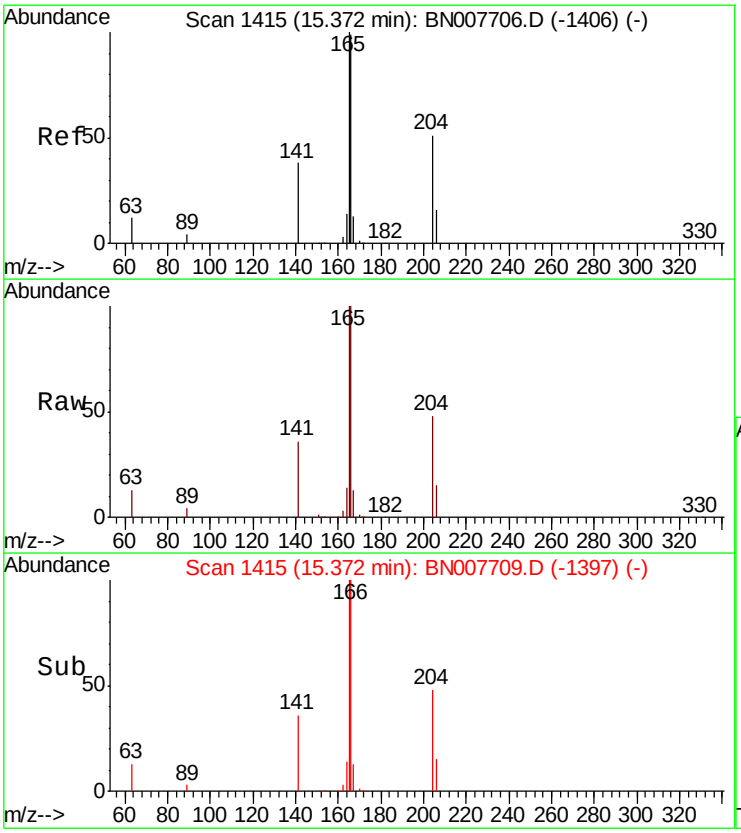
#17
Acenaphthene
Concen: 3.312 ng
RT: 14.39 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 147532

Ion	Ratio	Lower	Upper
154	100		
153	107.4	87.0	130.4
152	52.0	42.7	64.1

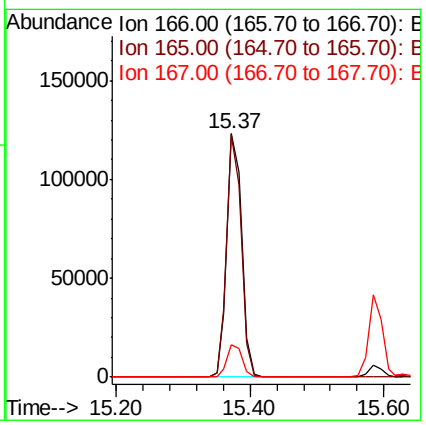


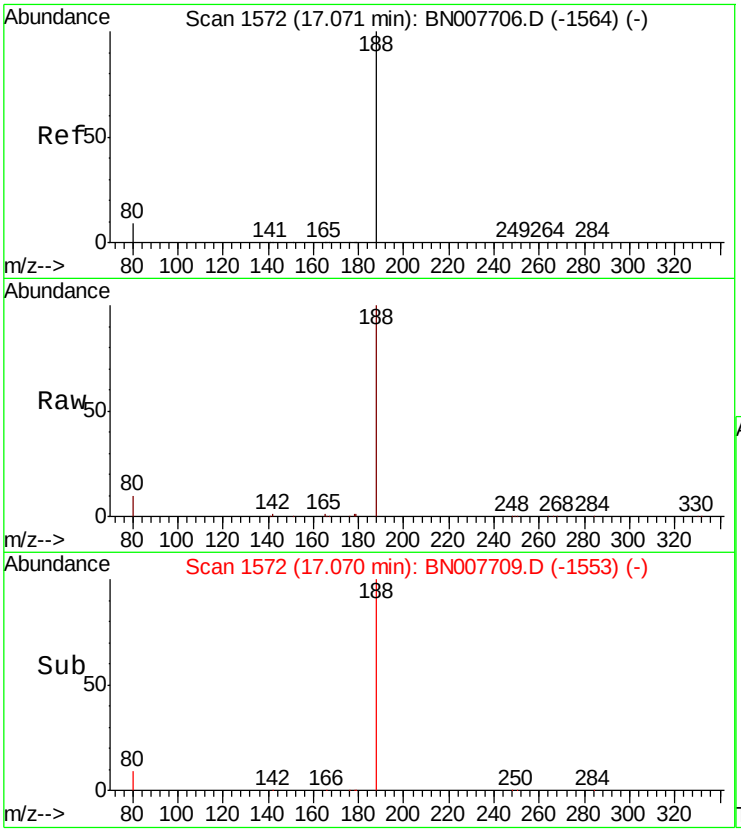


#18
Fluorene
Concen: 3.221 ng
RT: 15.37 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:166 Resp: 188919

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.0	117.0
167	13.4	10.9	16.3



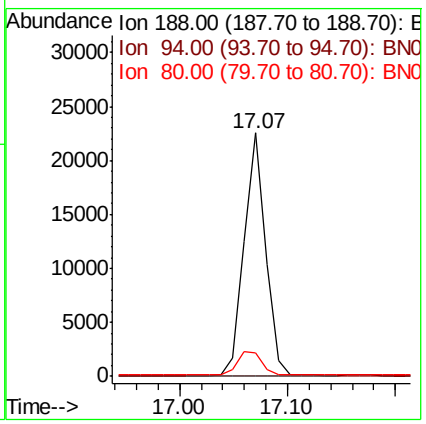


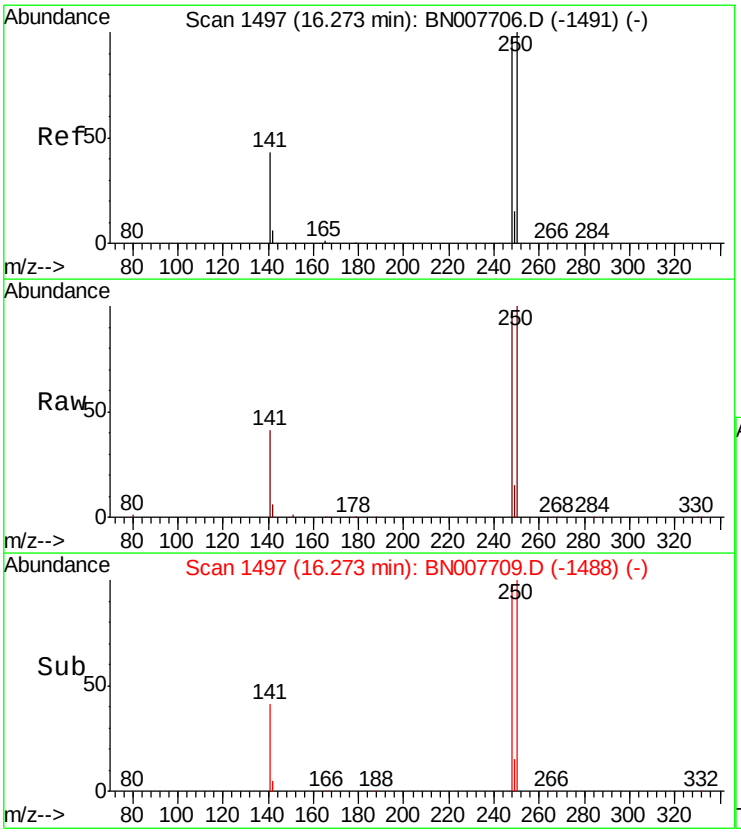
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 31029

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.4	11.2

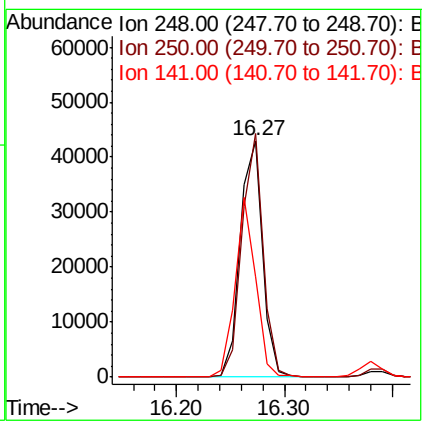


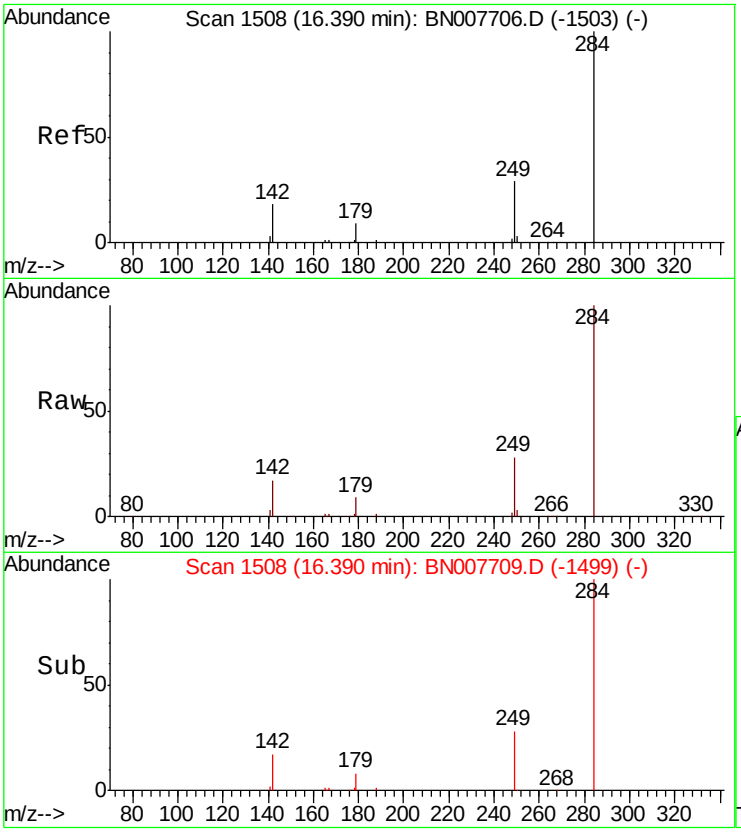


#20
4-Bromophenyl-phenylether
Concen: 3.357 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:248 Resp: 61586

Ion	Ratio	Lower	Upper
248	100		
250	103.2	82.2	123.4
141	42.6	36.3	54.5



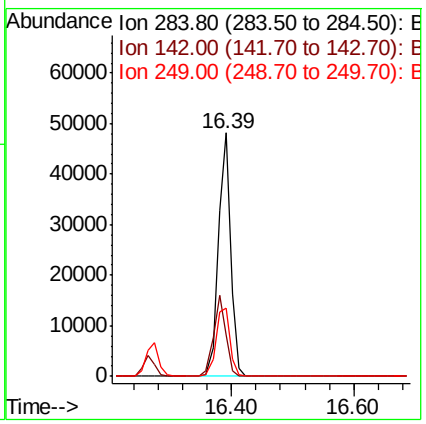


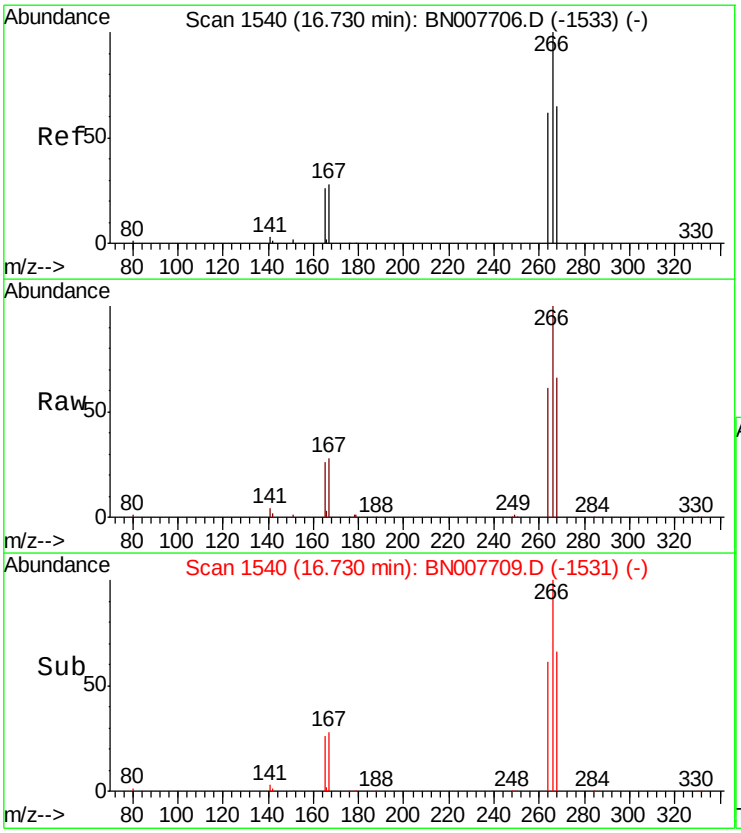
#21
Hexachlorobenzene
Concen: 3.467 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 66905

Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.8	38.6
249	31.5	25.9	38.9

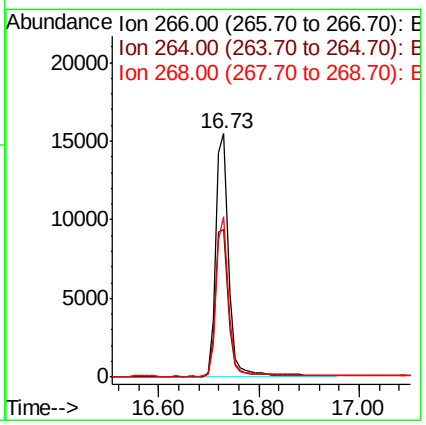


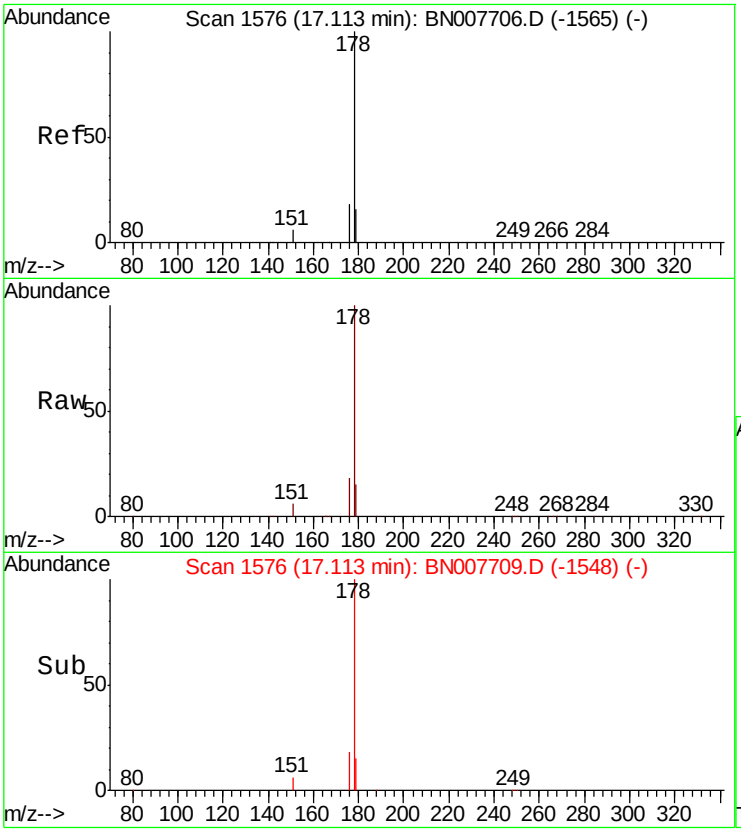


#22
Pentachlorophenol
Concen: 5.087 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:266 Resp: 27286

Ion	Ratio	Lower	Upper
266	100		
264	60.6	50.0	75.0
268	65.8	54.2	81.4



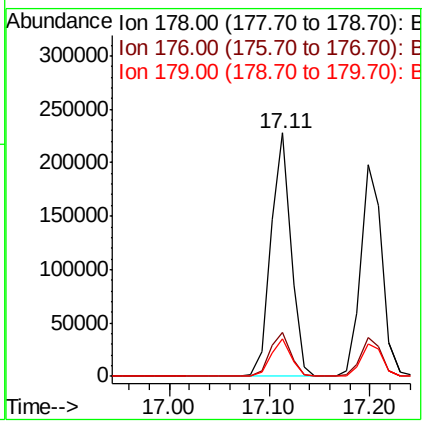


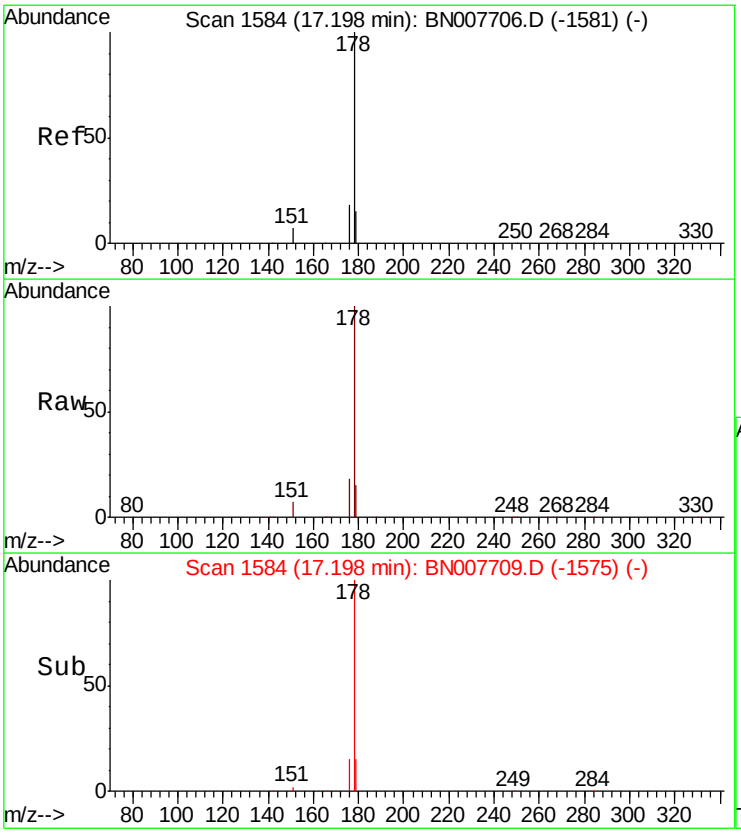
#23
Phenanthrene
Concen: 3.286 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 314671

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.5	18.7

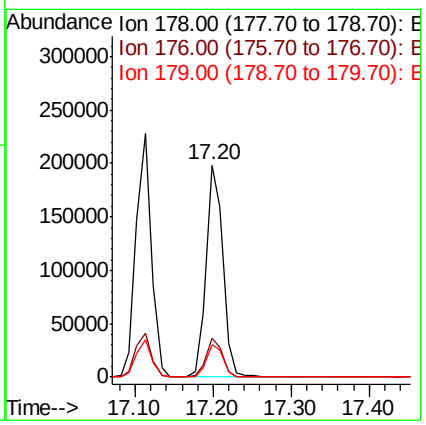


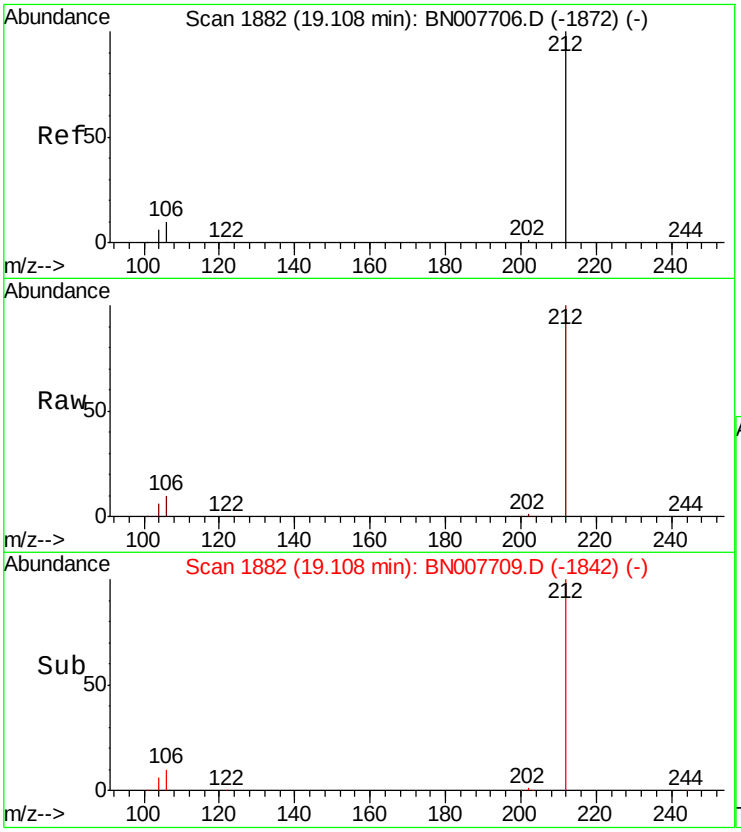


#24
Anthracene
Concen: 3.328 ng
RT: 17.20 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:178 Resp: 294004

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.3	12.2	18.4



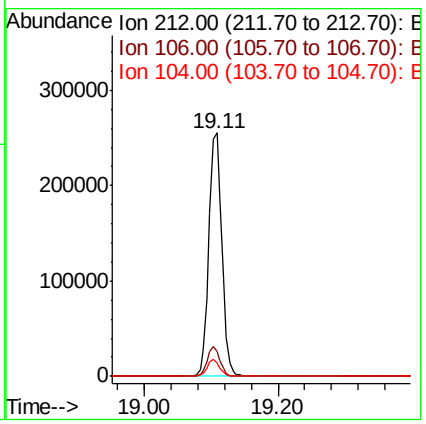


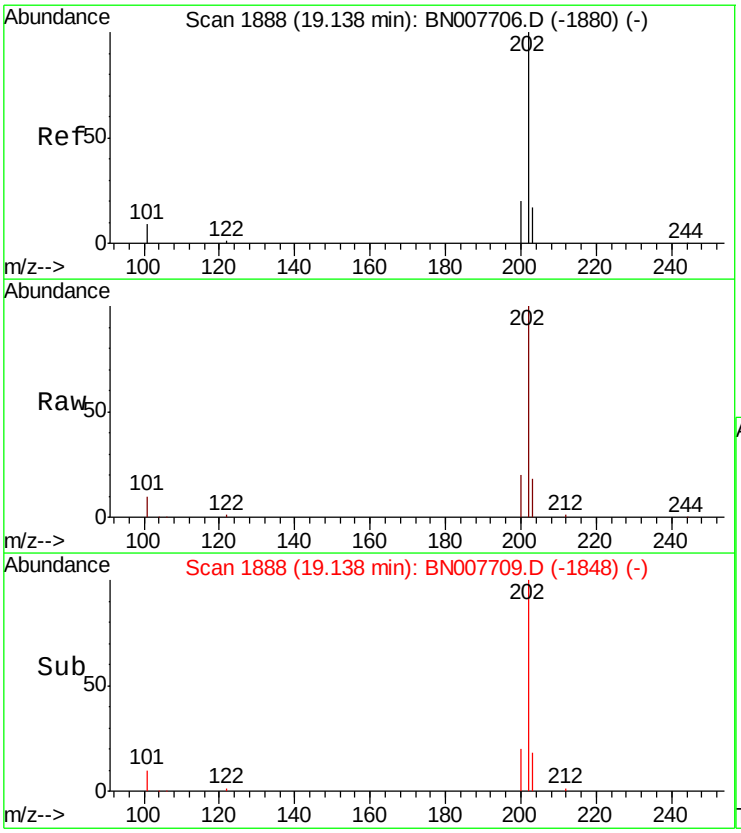
#25
Fluoranthene-d10
Concen: 3.397 ng
RT: 19.11 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 342435

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.4	14.0
104	6.5	5.3	7.9

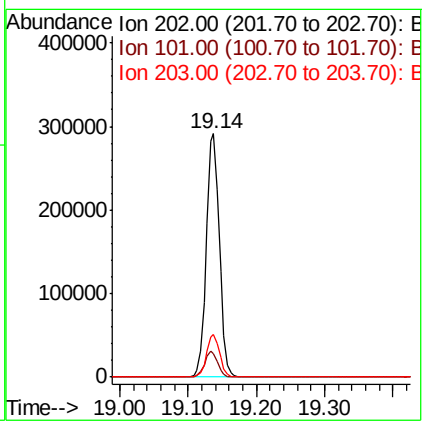


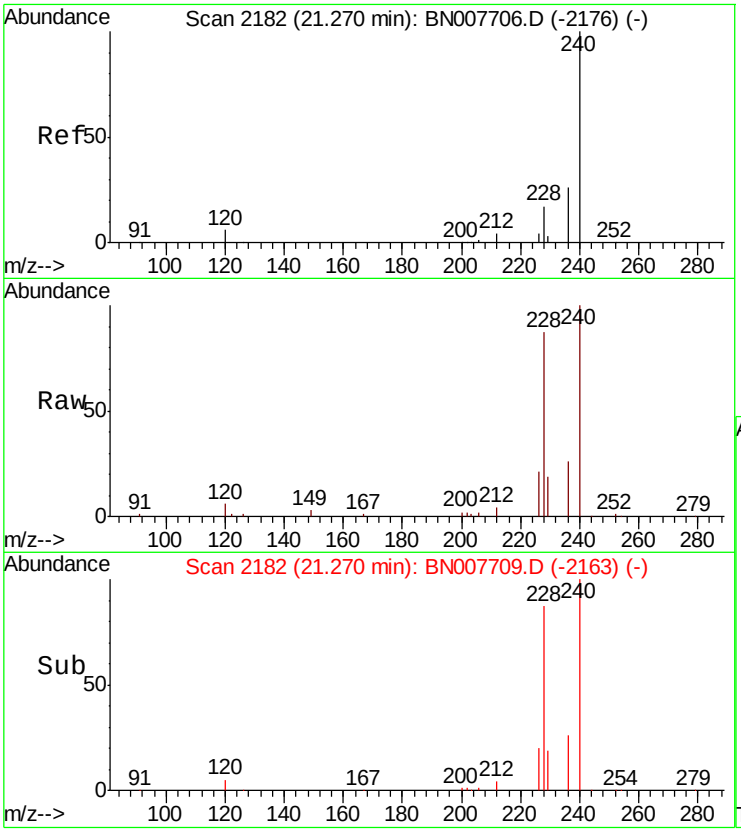


#26
Fluoranthene
Concen: 3.366 ng
RT: 19.14 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:202 Resp: 391152

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	17.4	13.8	20.8



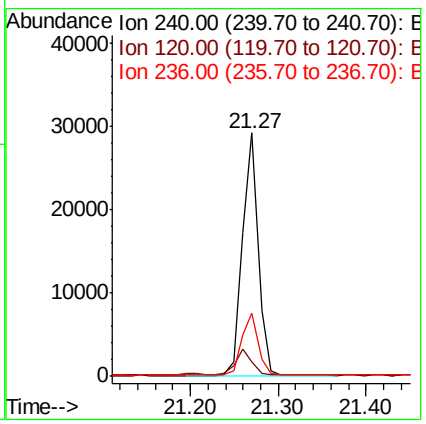


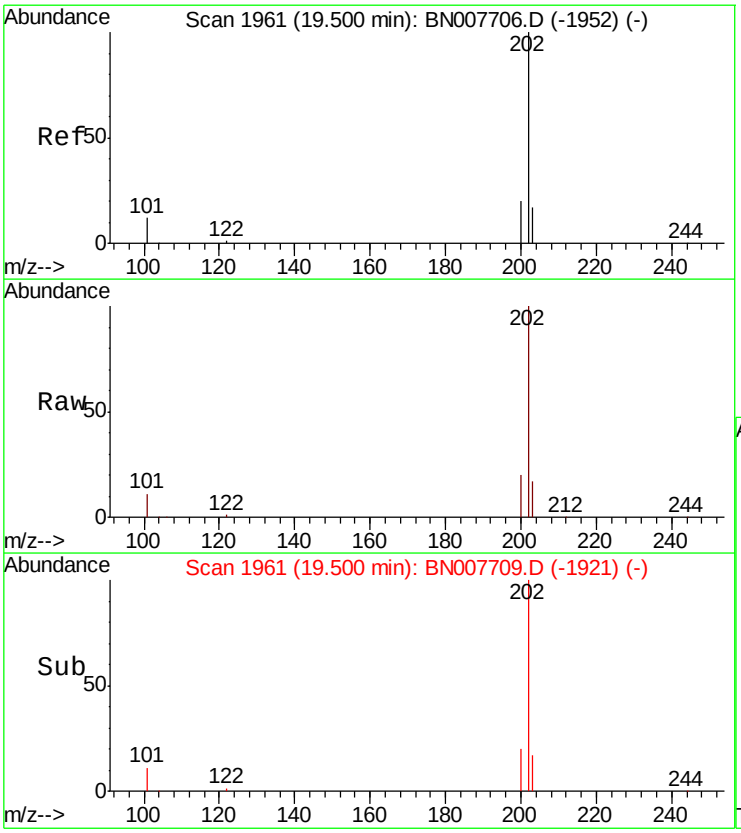
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 36324

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.4	8.2
236	26.1	21.0	31.4

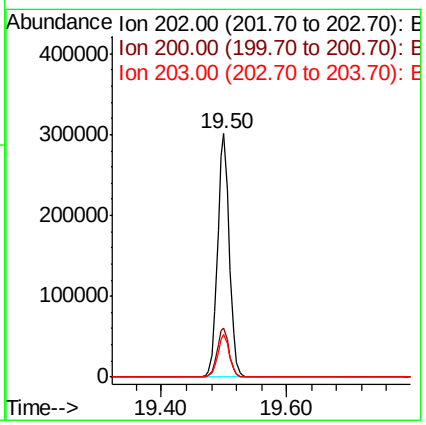


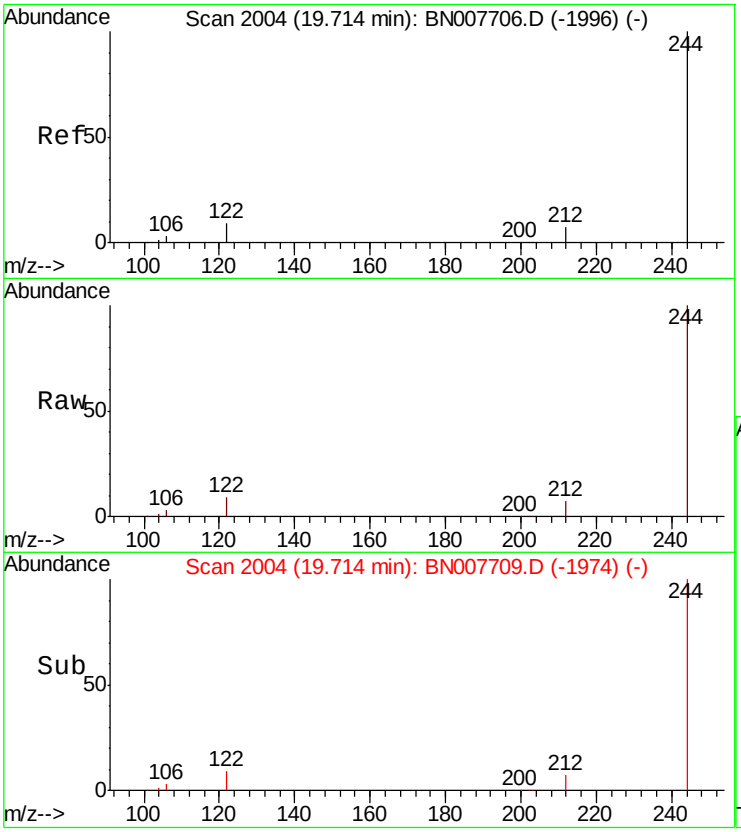


#28
Pyrene
Concen: 3.015 ng
RT: 19.50 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:202 Resp: 393563

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.6	14.1	21.1



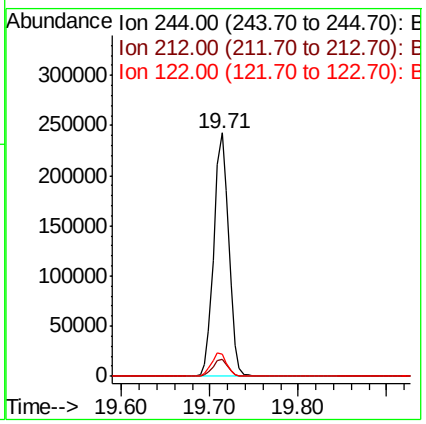


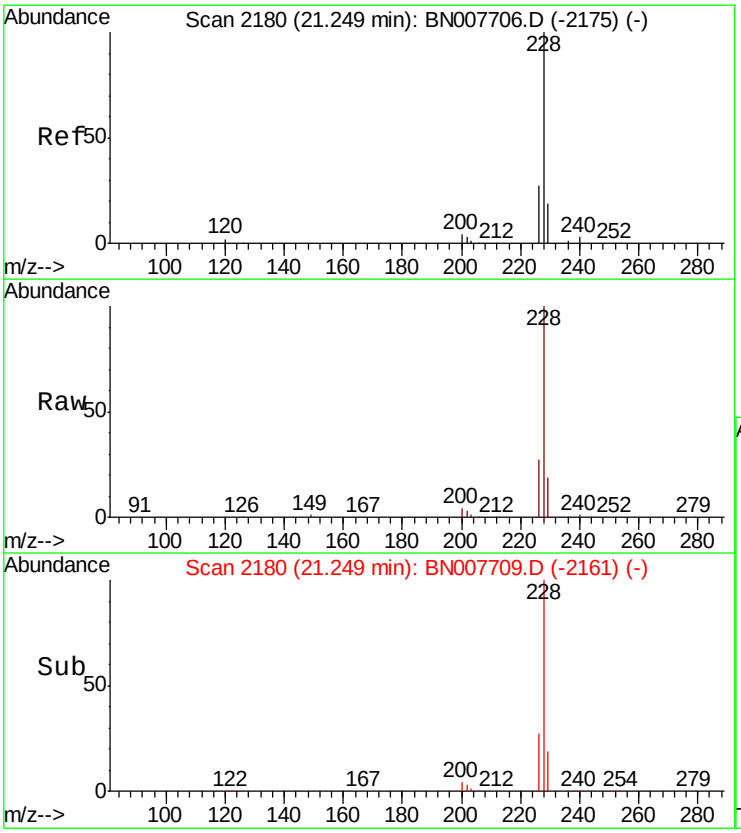
#29
Terphenyl-d14
Concen: 3.006 ng
RT: 19.71 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 284064

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	8.9	7.4	11.2

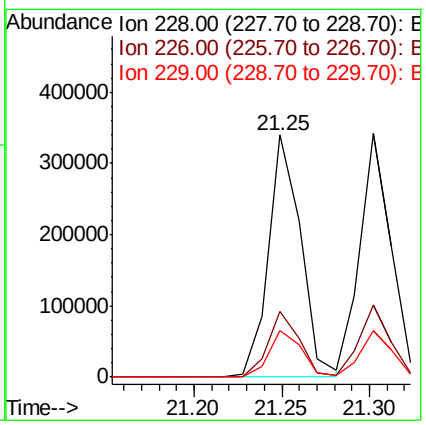


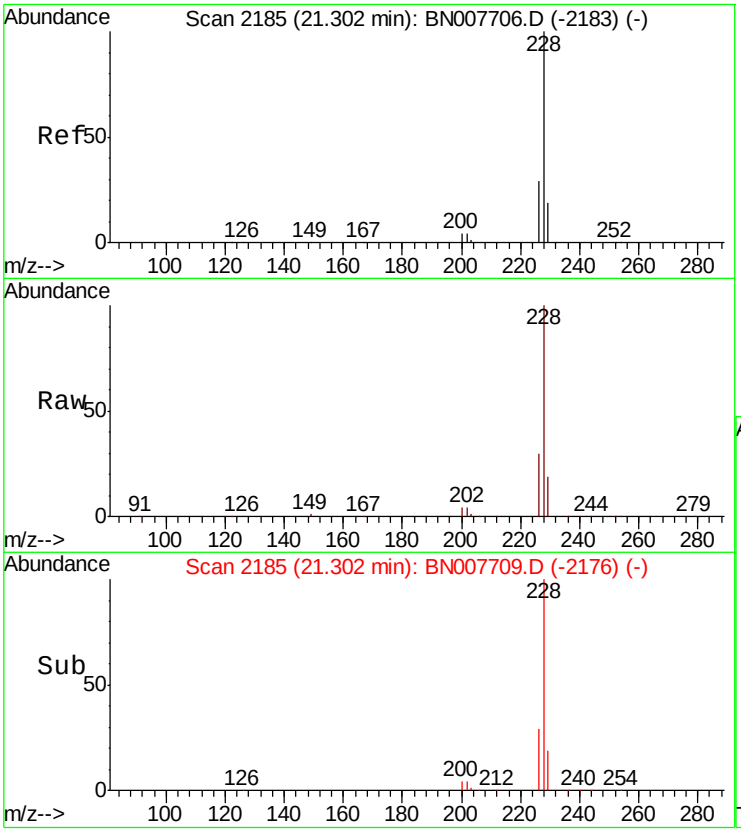


#30
Benzo(a)anthracene
Concen: 3.349 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:228 Resp: 435276

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.3	15.8	23.6



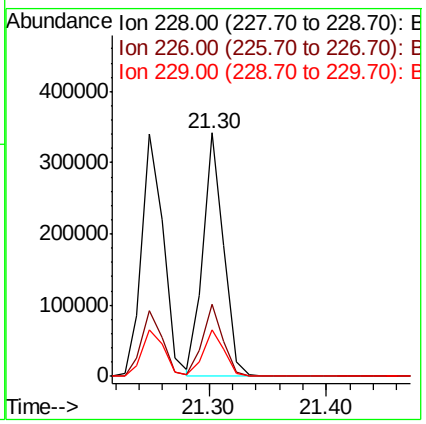


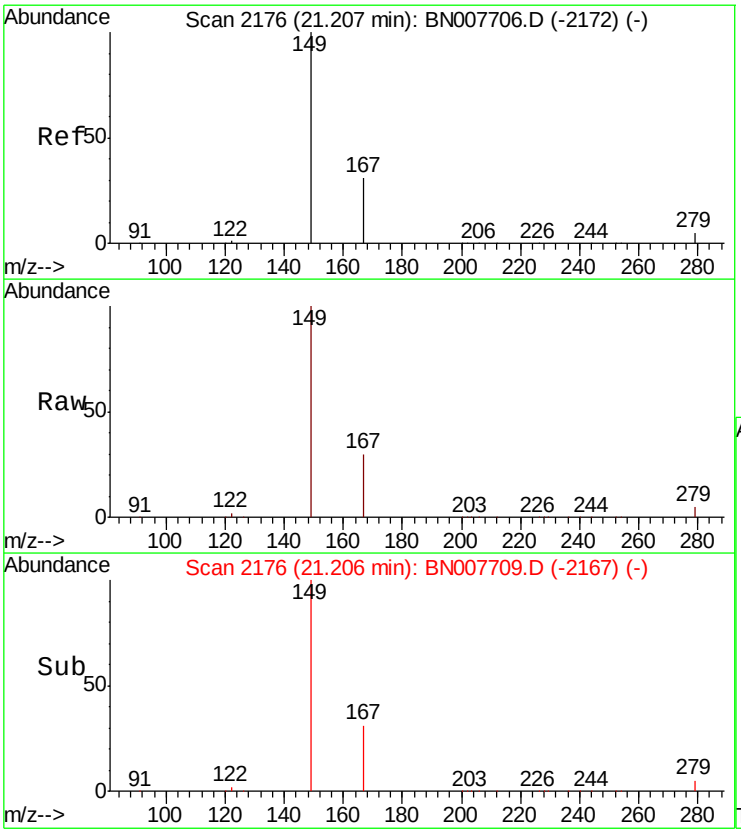
#31
Chrysene
Concen: 3.194 ng
RT: 21.30 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 421769

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	19.3	15.8	23.6

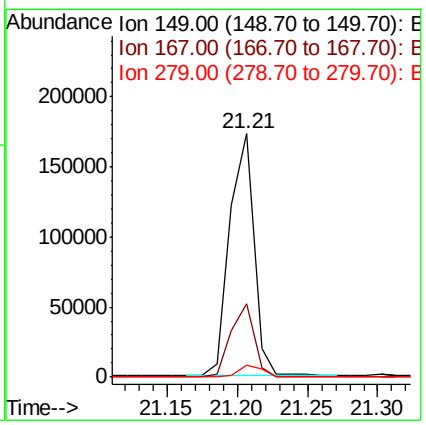


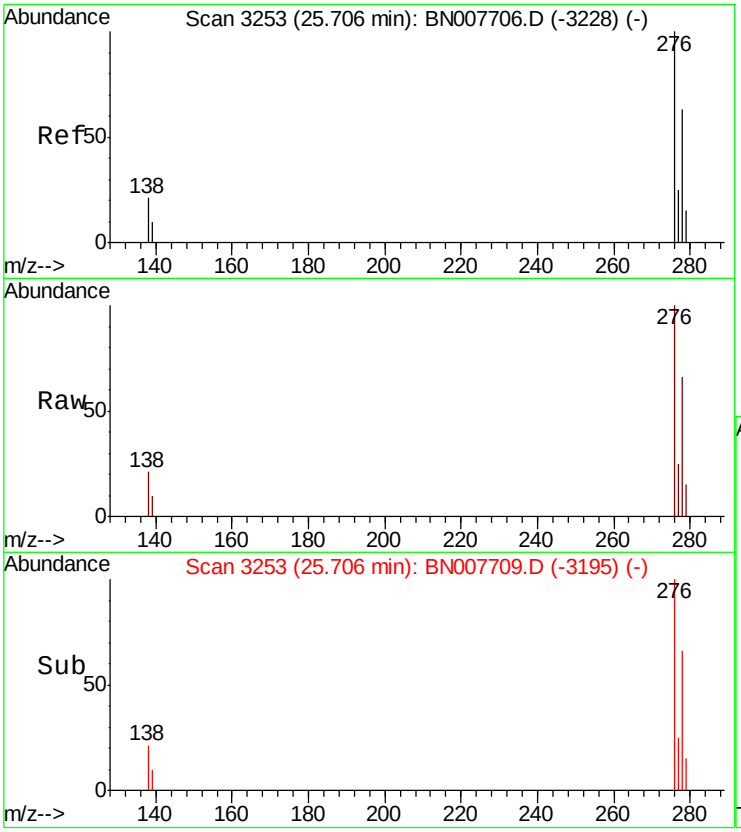


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.669 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:149 Resp: 207660

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	5.0	4.2	6.2



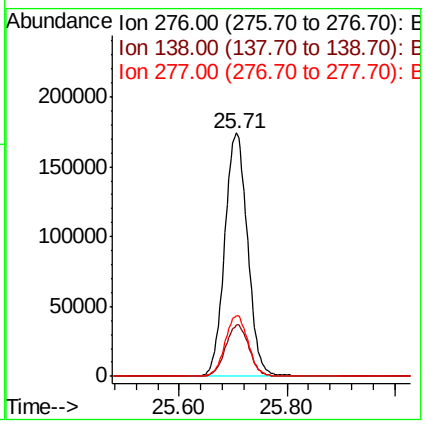


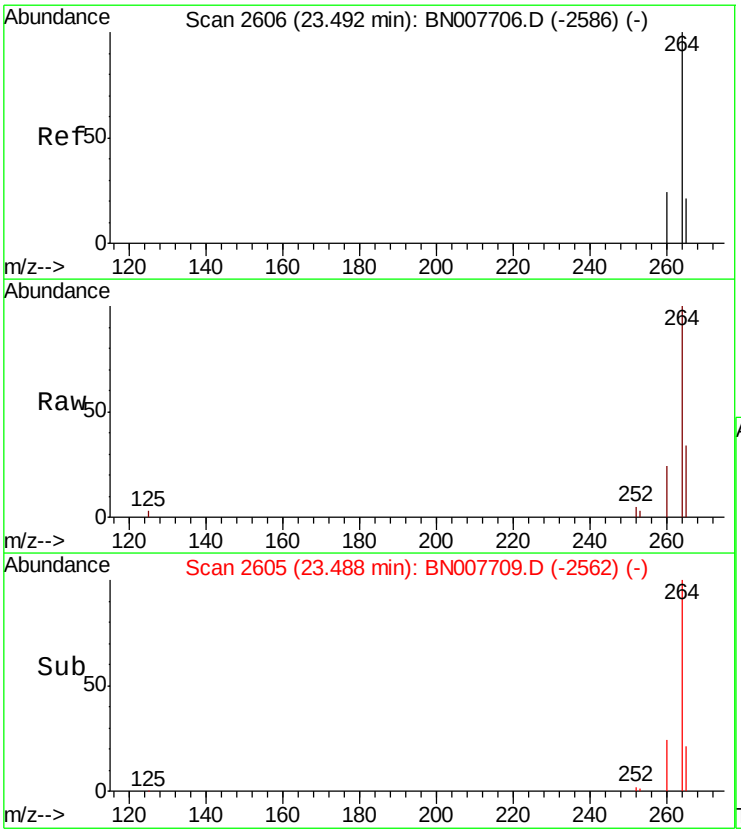
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.667 ng
RT: 25.71 min Scan# 3253
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 511941

Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.1	25.7
277	25.1	20.0	30.0

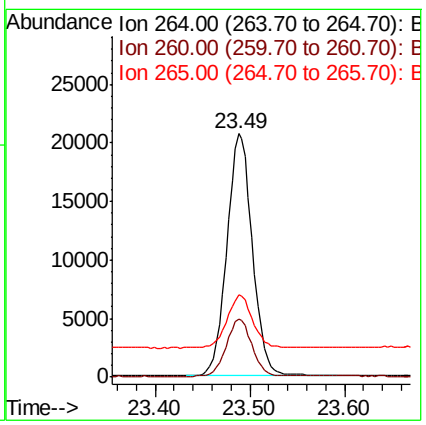


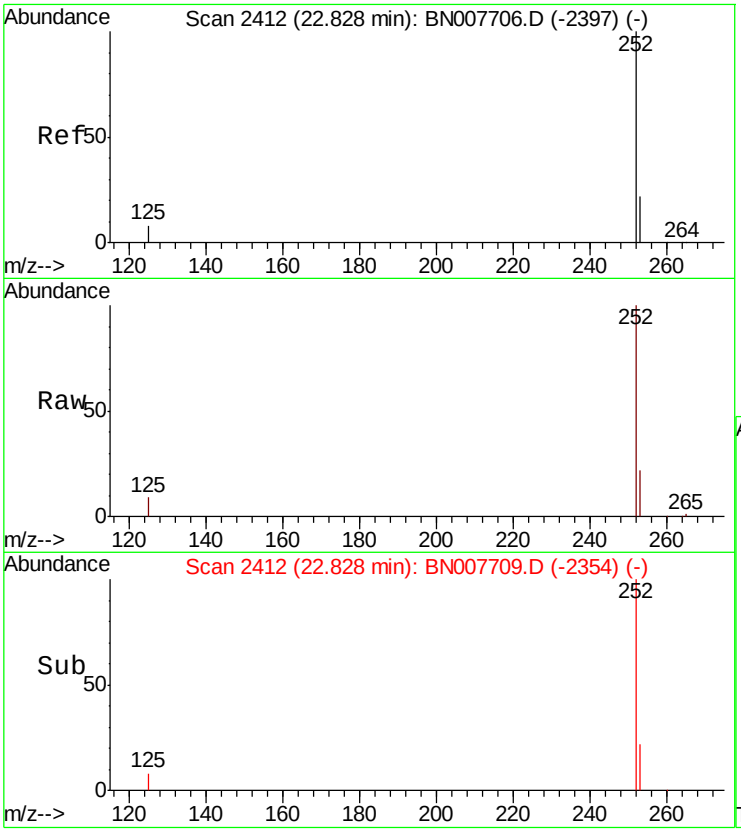


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2605
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:264 Resp: 38590

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	33.6	26.9	40.3



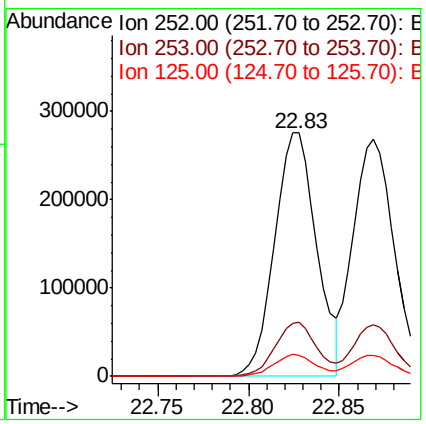


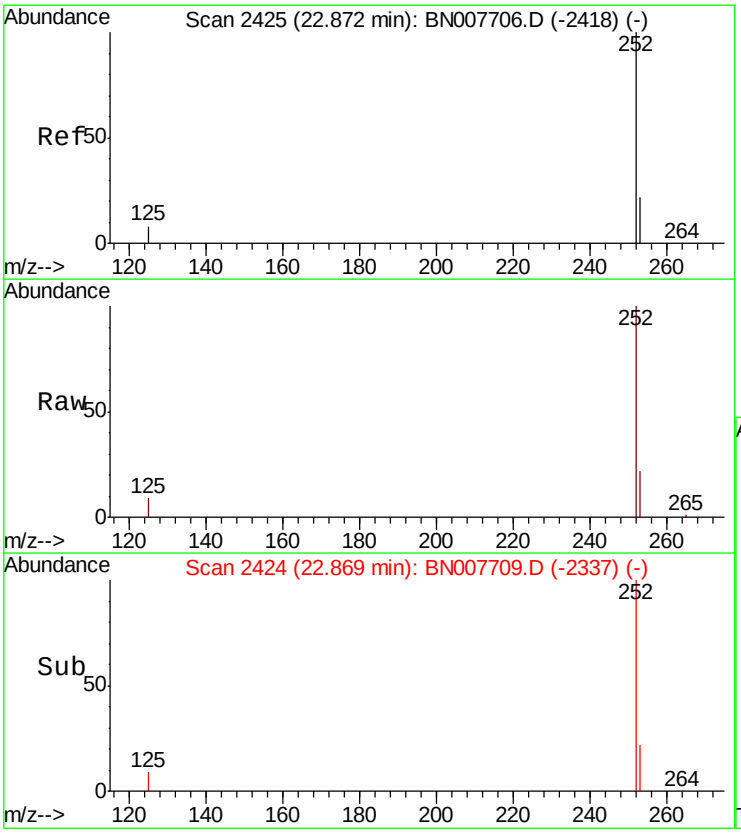
#35
Benzo(b)fluoranthene
Concen: 3.221 ng
RT: 22.83 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 441938

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	8.6	8.2	12.4

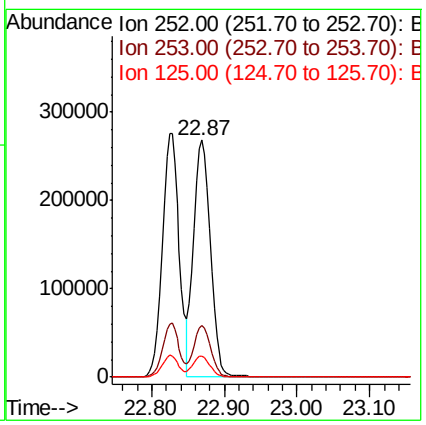


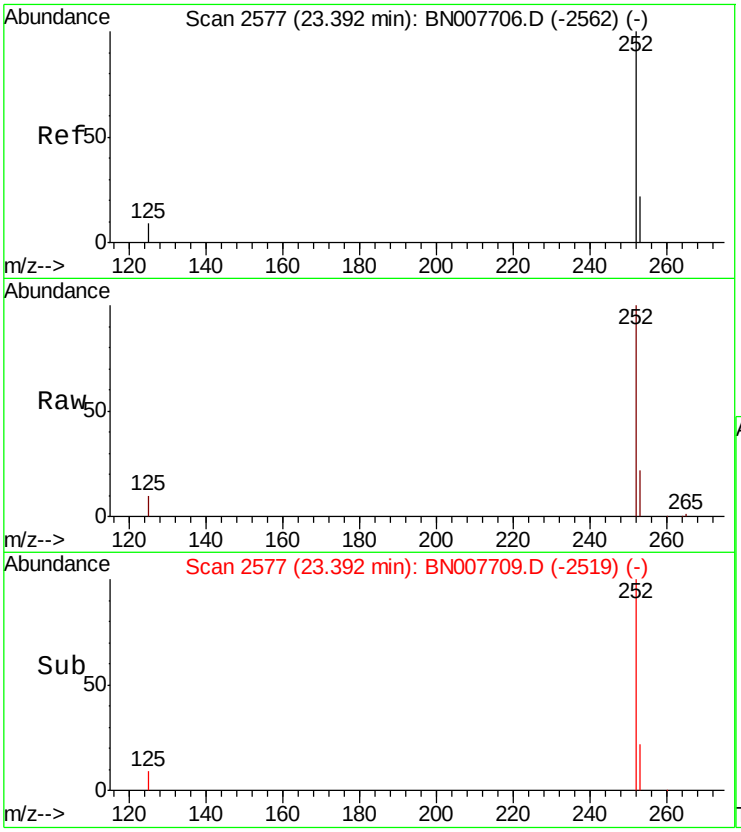


#36
Benzo(k)fluoranthene
Concen: 3.121 ng
RT: 22.87 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:252 Resp: 423193

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	8.8	8.4	12.6



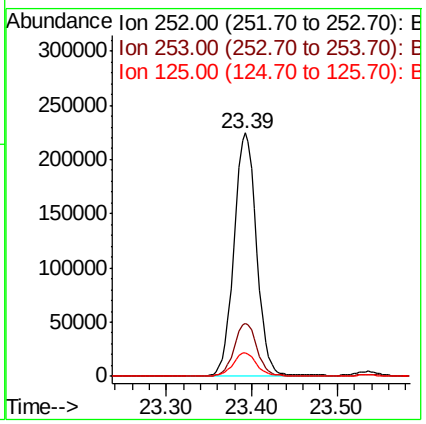


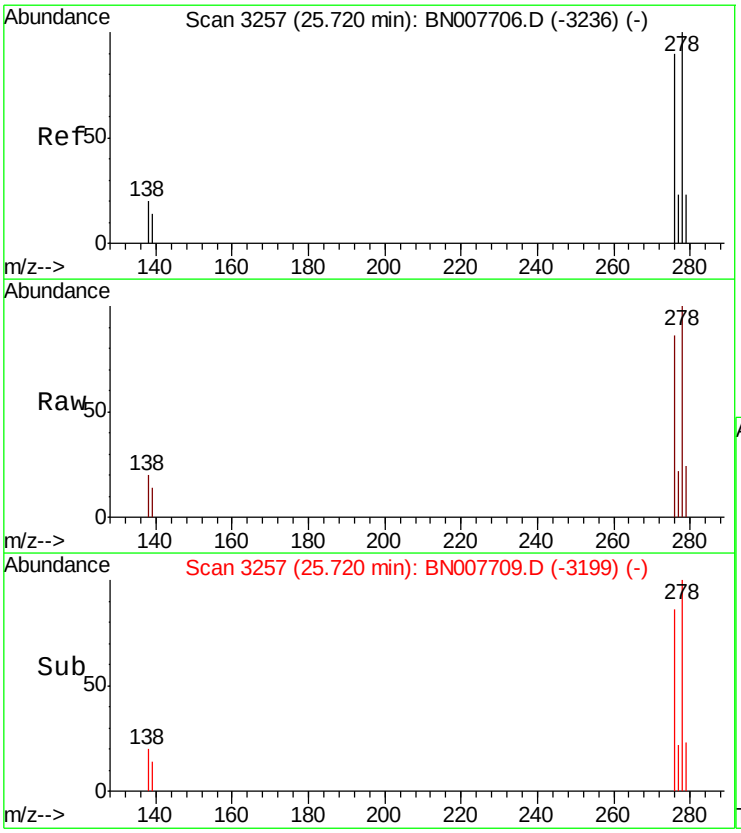
#37
Benzo(a)pyrene
Concen: 3.346 ng
RT: 23.39 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 408277

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	27.8
125	9.7	9.4	14.0

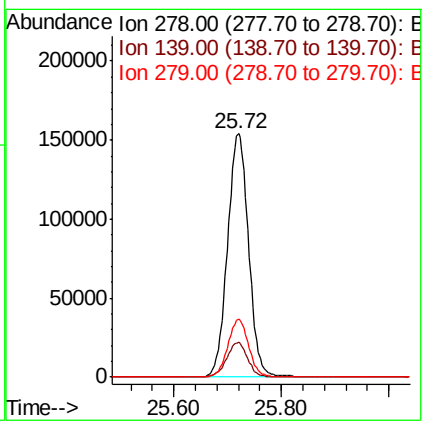


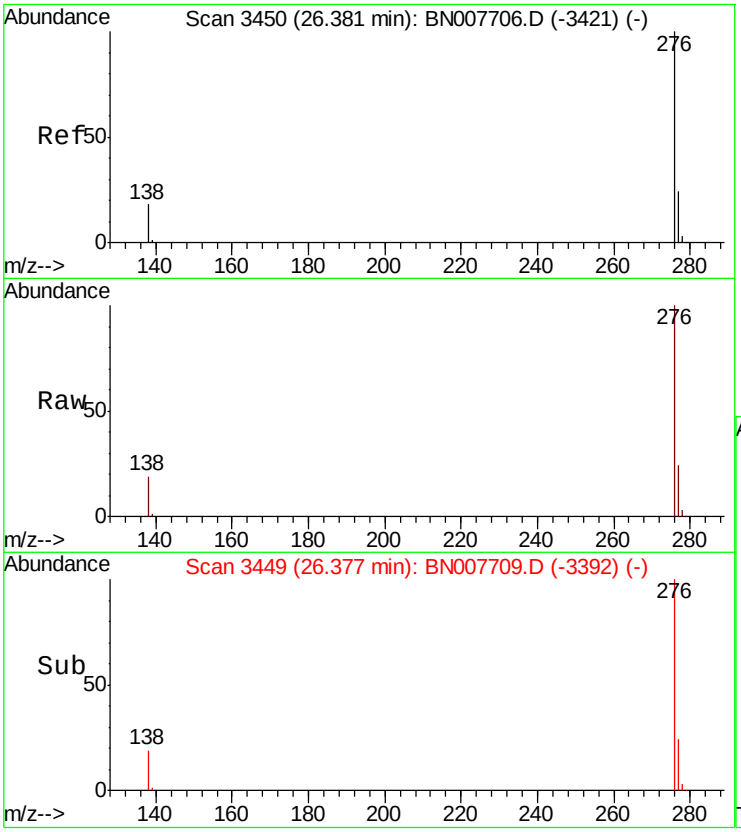


#38
Dibenzo(a,h)anthracene
Concen: 3.405 ng
RT: 25.72 min Scan# 3257
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:278 Resp: 417099

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.8	17.6
279	23.6	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 3.332 ng
RT: 26.38 min Scan# 3449
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 413372

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.8
138	18.8	15.1	22.7