Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007048.D
Acq On : 10 Aug 2019 13:42
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Aug 10 21:34:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:17:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7068	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	25335	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	21645	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	72306	0.40	ng		0.00
26) Chrysene-d12	21.06	240	83450	0.40	ng		0.00
32) Perylene-d12	23.17	264	86980	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	27168	1.48	ng		0.00
4) Phenol-d6	6.61	99	34081	1.53	ng		0.00
7) Nitrobenzene-d5	8.56	82	32857	1.66	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	76337	1.57	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	20357	1.99	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	40634	1.13	ng		0.00
24) Fluoranthene-d10	18.87	212	401519	1.50	ng		0.00
28) Terphenyl-d14	19.50	244	344995	1.43	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.34	42	8759	2.164	ng	#	95
5) bis(2-Chloroethyl)ether	6.87	93	29803	1.495	ng		98
8) Naphthalene	10.24	128	112918	1.515	ng		98
9) Hexachlorobutadiene	10.55	225	23935	1.493	ng	#	99
11) 2-Methylnaphthalene	11.87	142	81564	1.570	ng		99
15) Acenaphthylene	13.79	152	179707	1.580	ng		100
16) Acenaphthene	14.14	154	115697	1.573	ng		97
17) Fluorene	15.13	166	184244	1.726	ng		100
19) 4-Bromophenyl-phenylether	16.04	248	68981	1.434	ng		100
20) Hexachlorobenzene	16.14	284	67381	1.499	ng		100
21) Pentachlorophenol	16.48	266	26608	1.701	ng		98
22) Phenanthrene	16.87	178	338291	1.490	ng		100
23) Anthracene	16.96	178	320151	1.618	ng		100
25) Fluoranthene	18.90	202	433230	1.486	ng		100
27) Pyrene	19.27	202	439661	1.395	ng		100
29) Benzo(a)anthracene	21.03	228	484340	1.533	ng		100
30) Chrysene	21.09	228	454759	1.456	ng		100
31) Indeno(1,2,3-cd)pyrene	25.25	276	525778	1.574	ng		99
33) Benzo(b)fluoranthene	22.55	252	459766	1.518	ng		98
34) Benzo(k)fluoranthene	22.59	252	463319	1.530	ng		98
35) Benzo(a)pyrene	23.08	252	424691	1.555	ng		97
36) Dibenzo(a,h)anthracene	25.27	278	427192	1.570	ng		99
37) Benzo(g,h,i)perylene	25.88	276	433123	1.523	ng		98

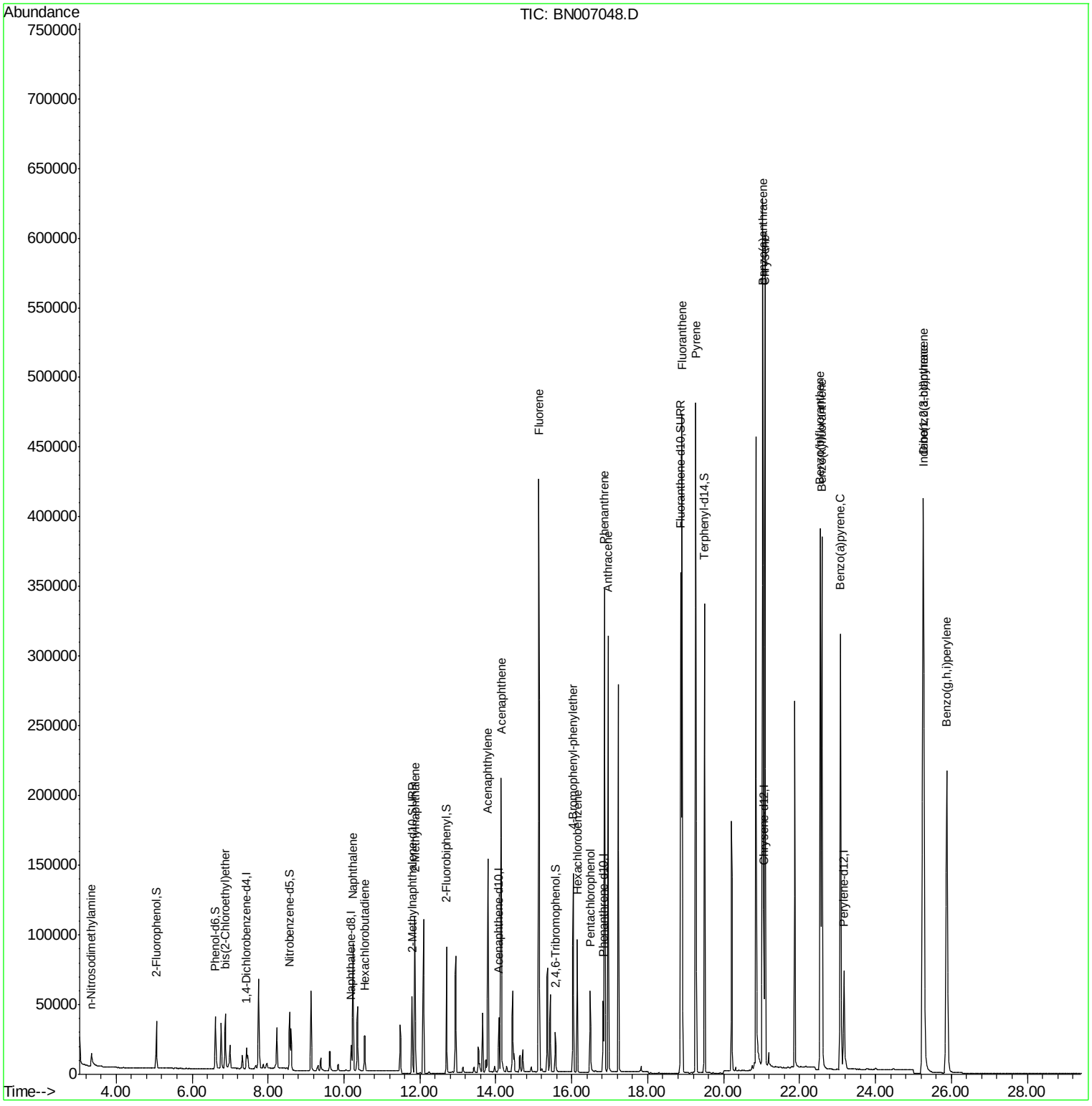
(#) = qualifier out of range (m) = manual integration (+) = signals summed

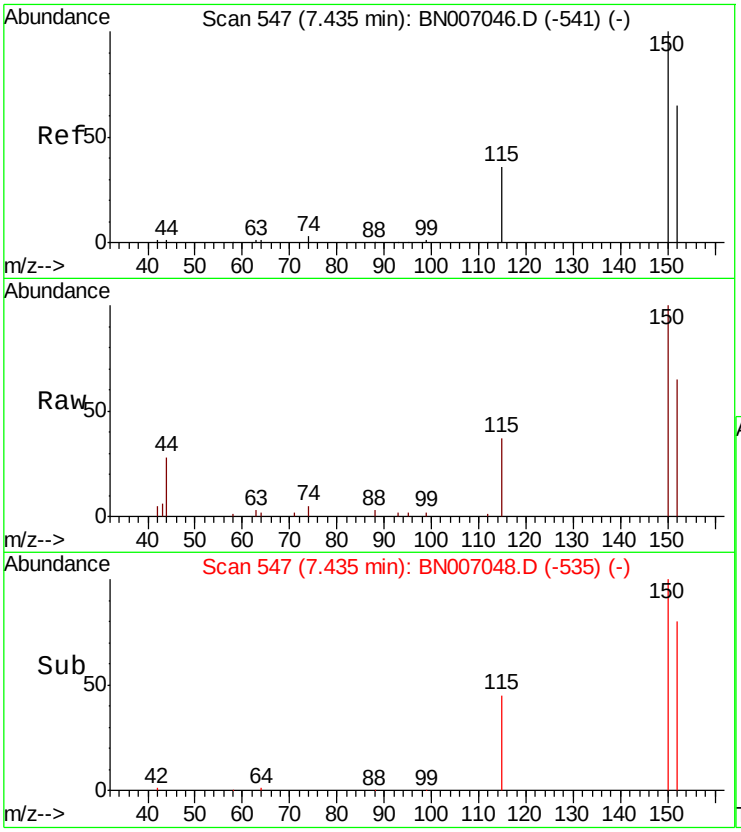
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007048.D
Acq On : 10 Aug 2019 13:42
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Aug 10 21:34:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:17:06 2019
Response via : Initial Calibration



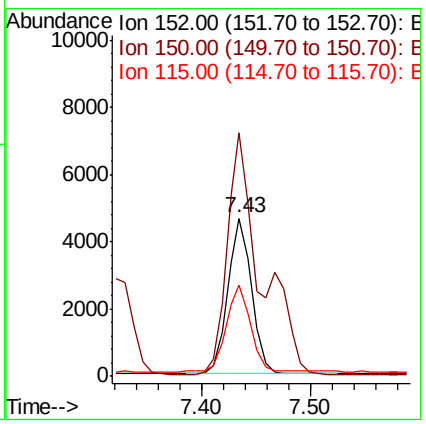


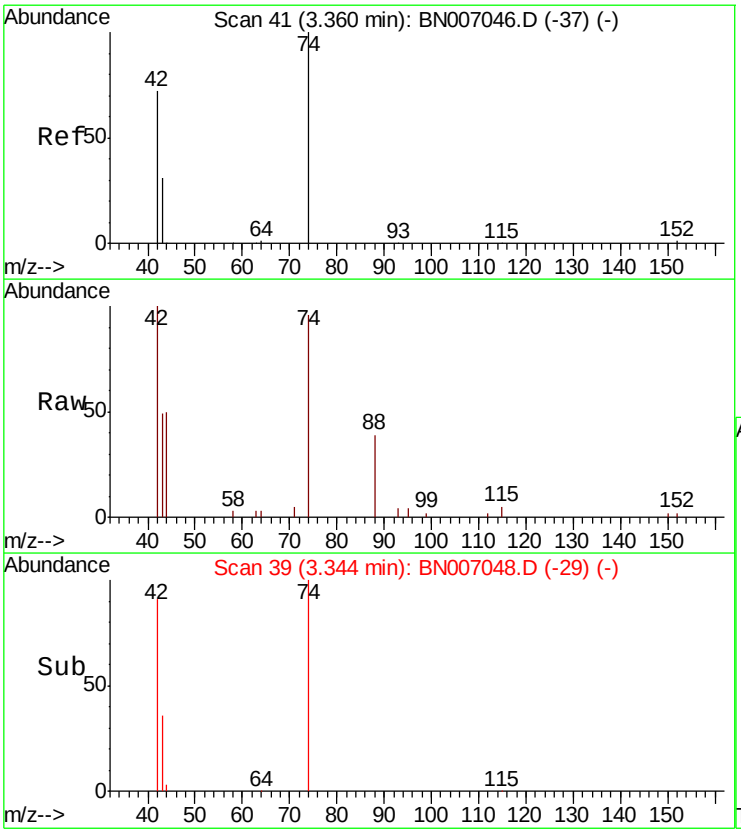
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 7068

Ion	Ratio	Lower	Upper
152	100		
150	154.2	121.7	182.5
115	57.4	46.2	69.4

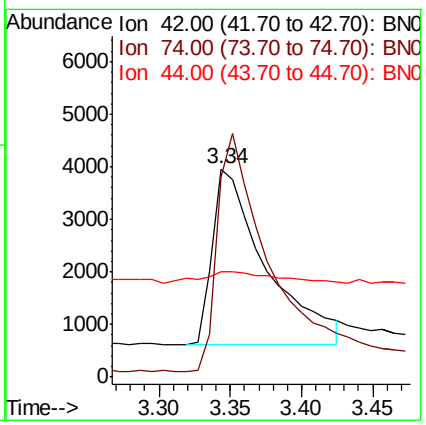


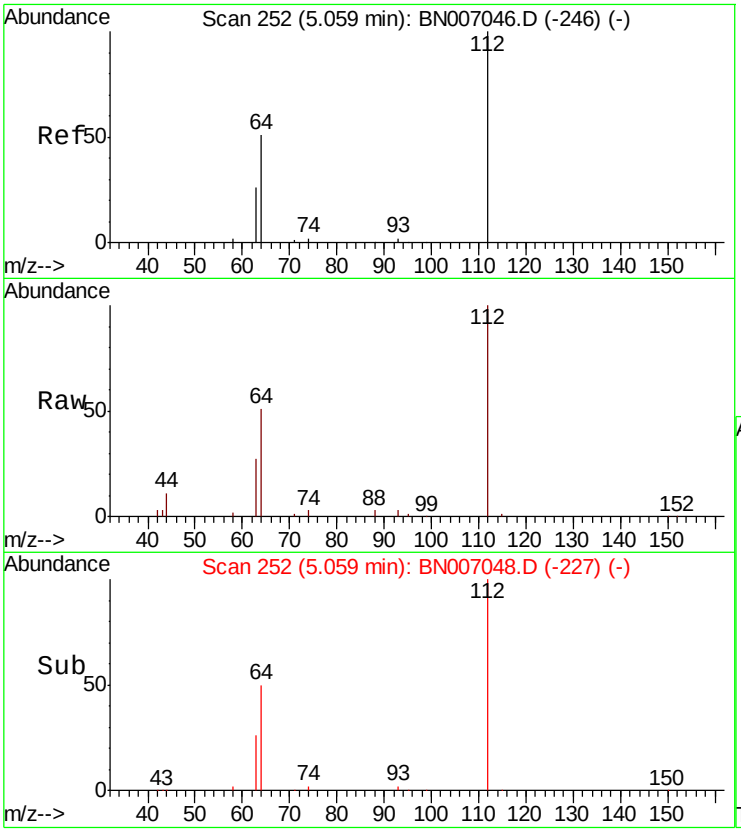


#2
n-Nitrosodimethylamine
Concen: 2.164 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion: 42 Resp: 8759

Ion	Ratio	Lower	Upper
42	100		
74	132.2	110.6	166.0
44	8.1	0.0	0.0#



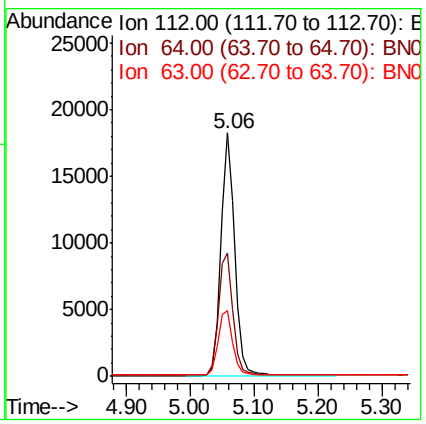


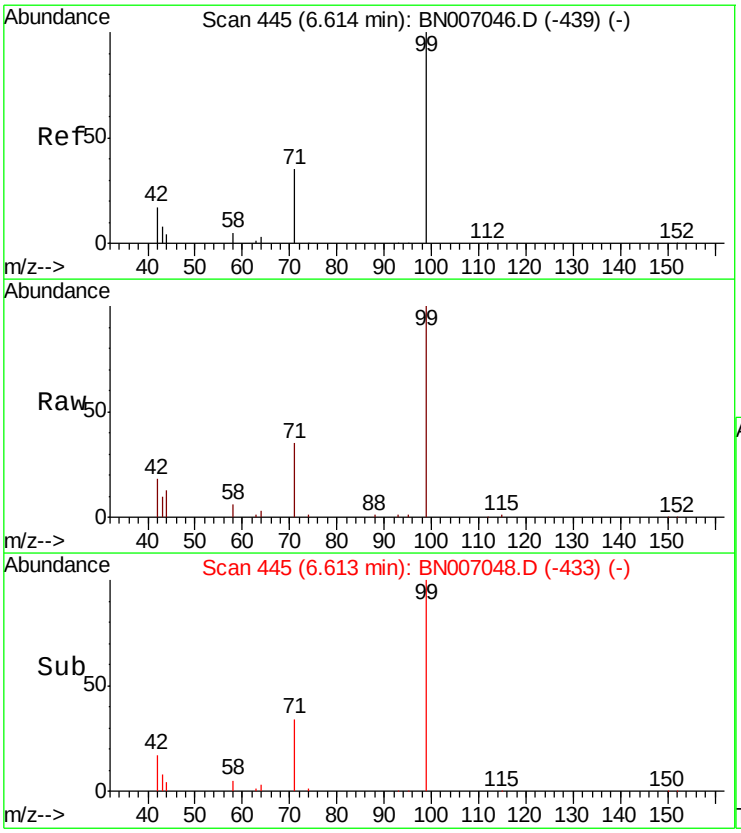
#3
2-Fluorophenol
Concen: 1.484 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:112 Resp: 27168

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.6	63.8
63	28.0	22.2	33.2

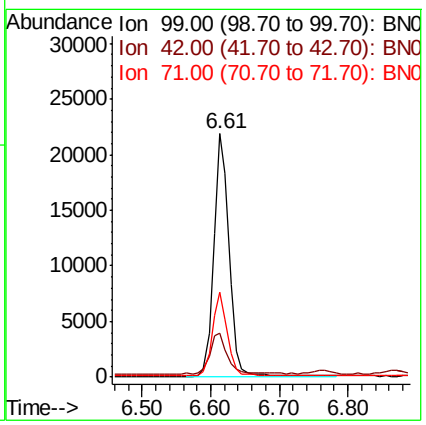


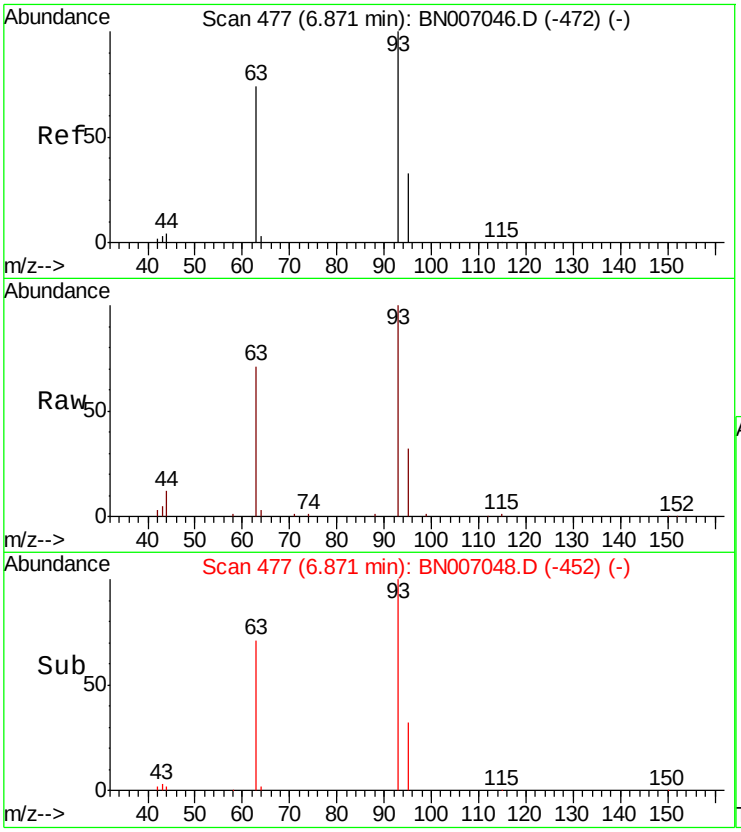


#4
Phenol-d6
Concen: 1.526 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion: 99 Resp: 34081

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	33.5	27.0	40.4



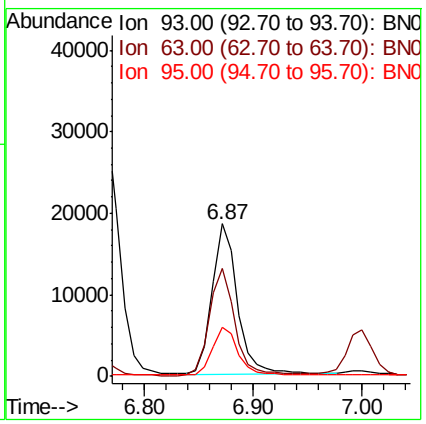


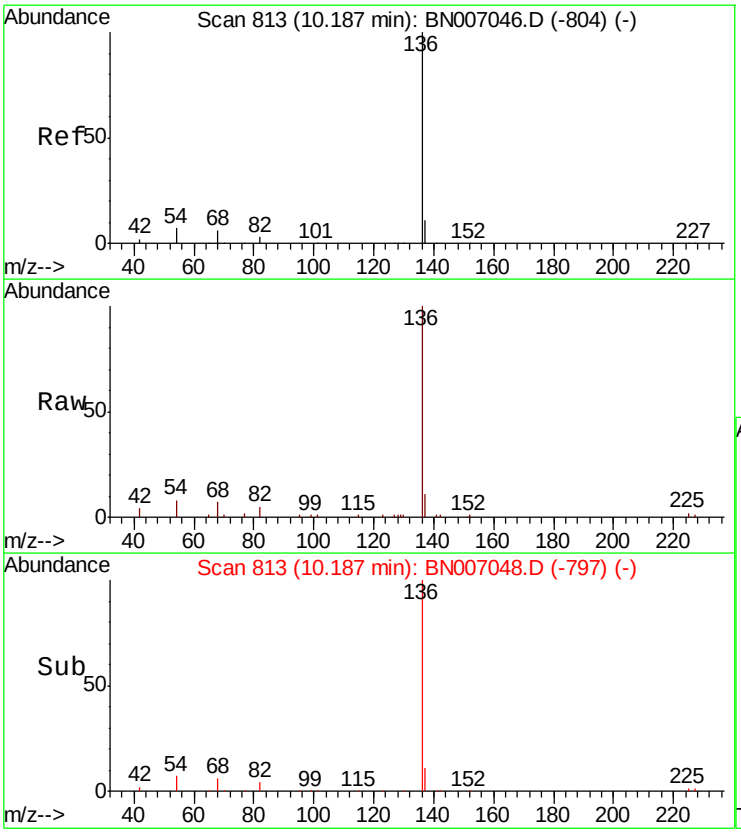
#5
bis(2-Chloroethyl)ether
Concen: 1.495 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 93 Resp: 29803

Ion	Ratio	Lower	Upper
93	100		
63	71.4	55.6	83.4
95	33.1	26.7	40.1

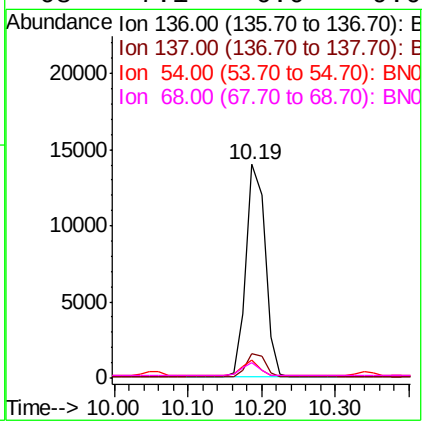


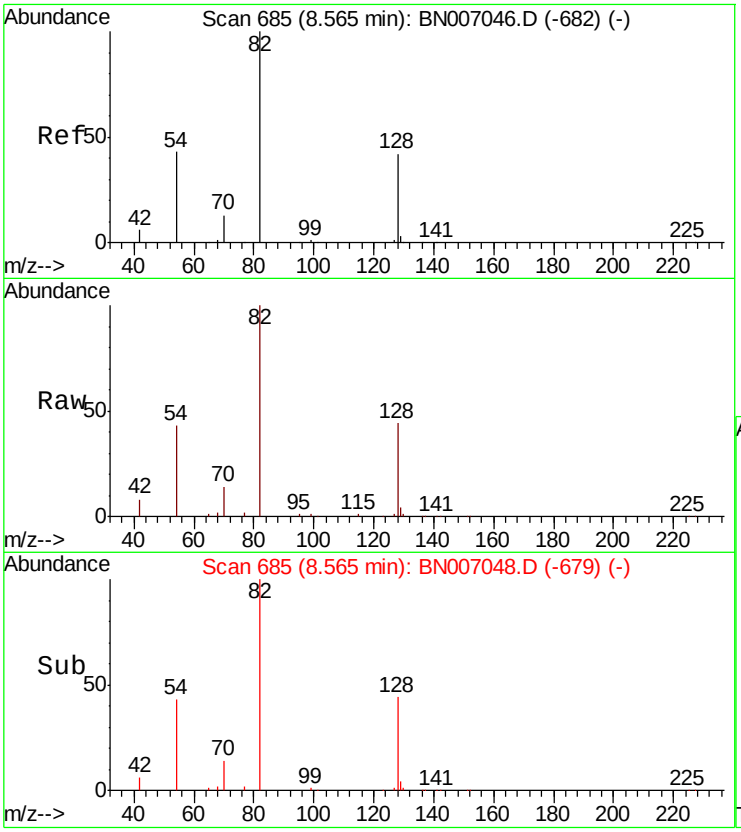


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:136 Resp: 25335

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	8.2	6.6	9.8
68	7.1	6.0	9.0



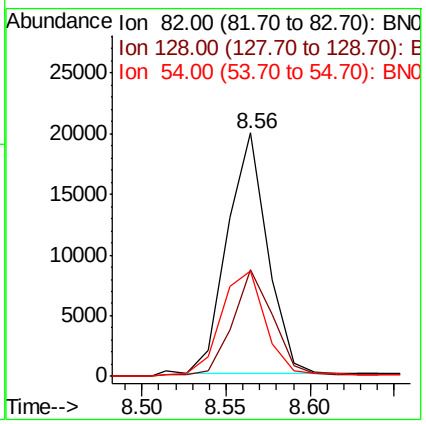


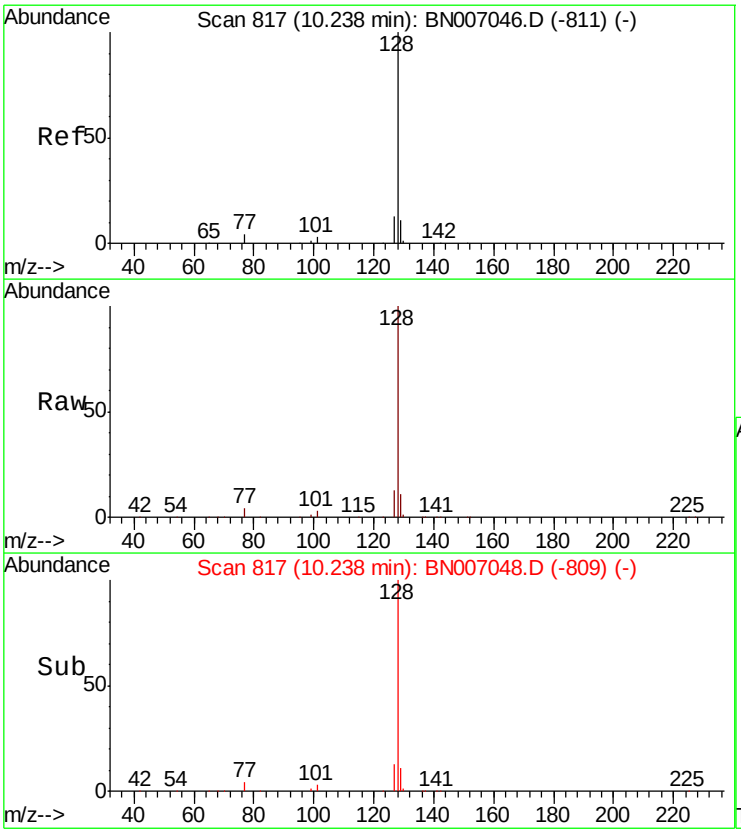
#7
Nitrobenzene-d5
Concen: 1.664 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 82 Resp: 32857

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	43.1	36.2	54.4

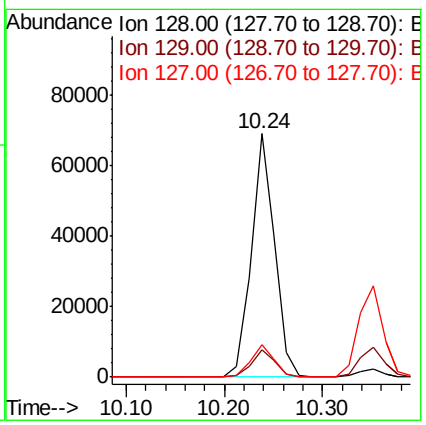


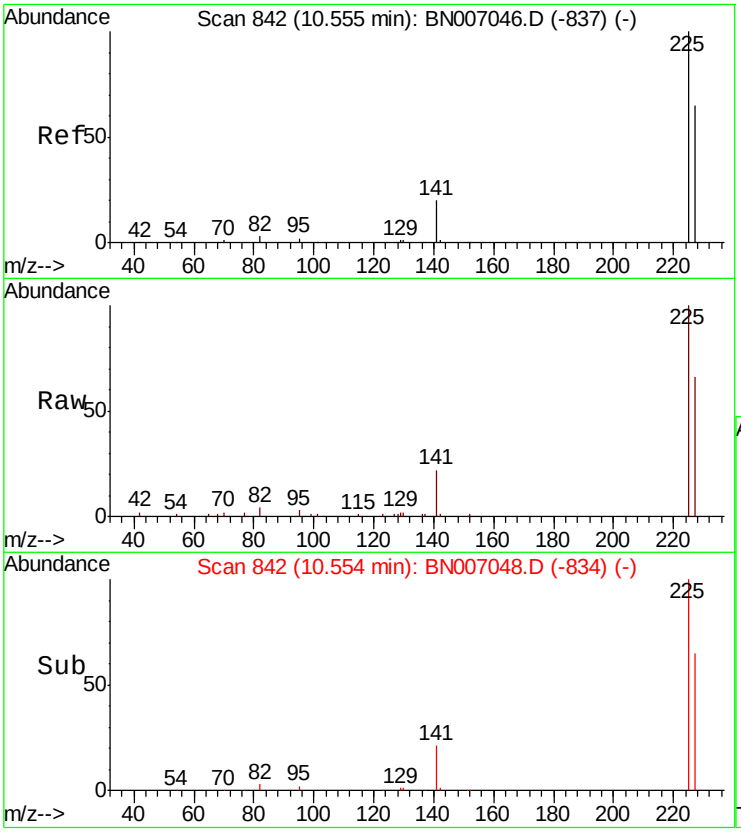


#8
Naphthalene
Concen: 1.515 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:128 Resp: 112918

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	13.2	11.0	16.6



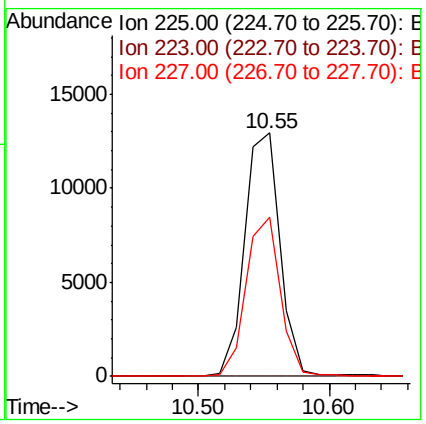


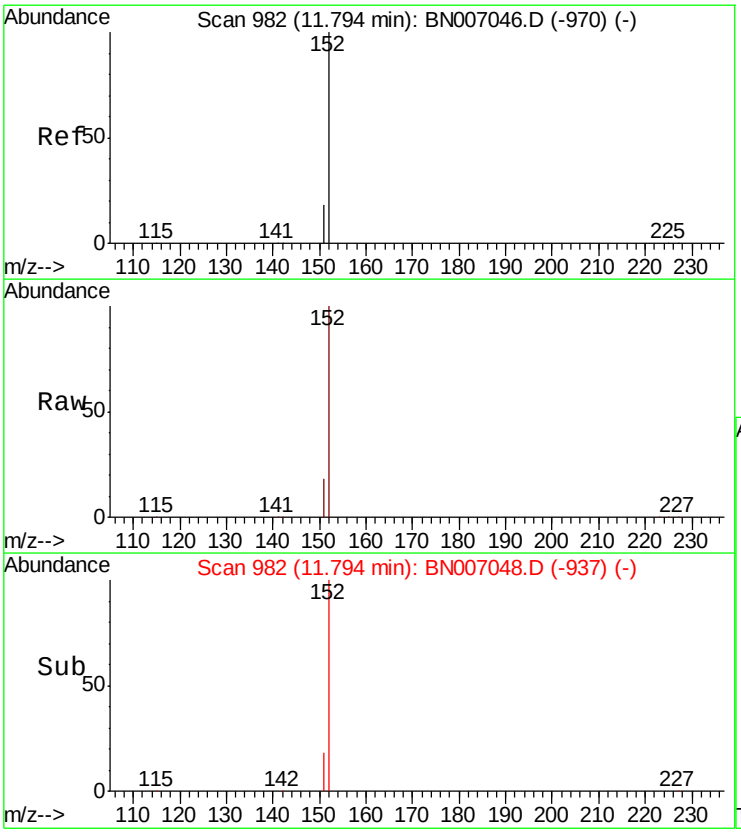
#9
Hexachlorobutadiene
Concen: 1.493 ng
RT: 10.55 min Scan# 842
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:225 Resp: 23935

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.1	76.7

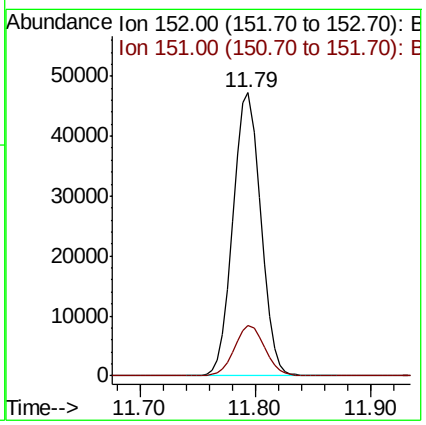


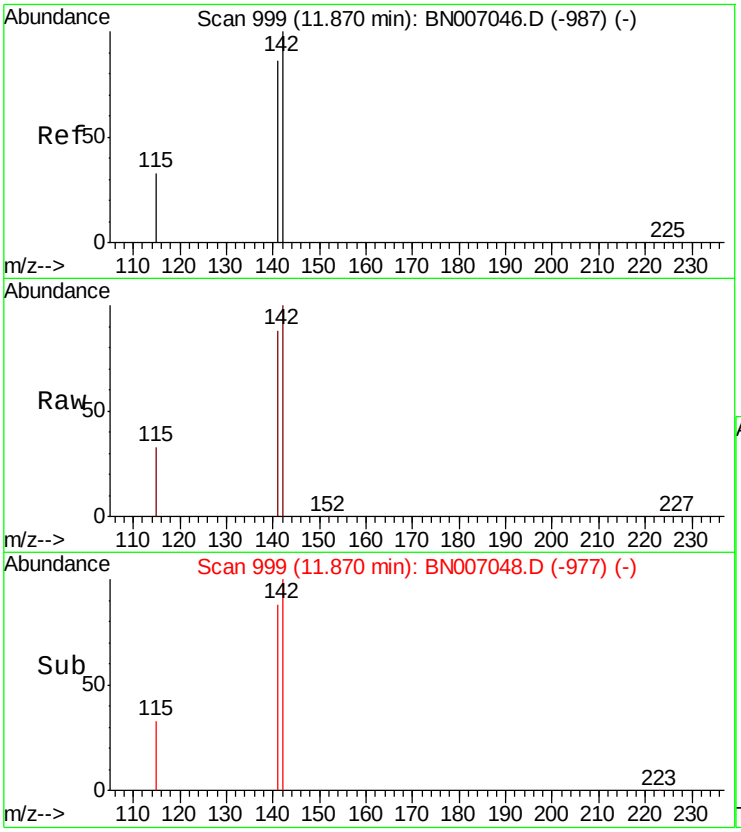


#10
2-Methylnaphthalene-d10
Concen: 1.568 ng
RT: 11.79 min Scan# 982
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:152 Resp: 76337

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3



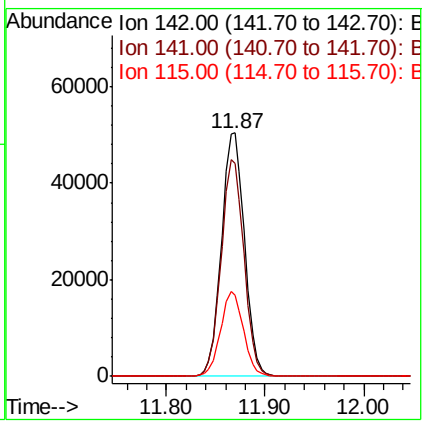


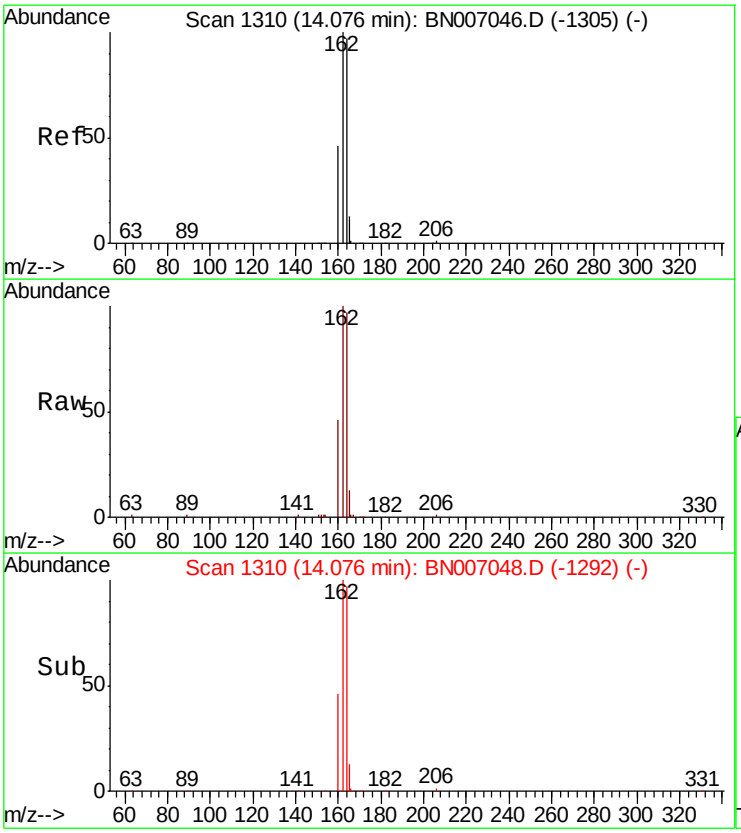
#11
2-Methylnaphthalene
Concen: 1.570 ng
RT: 11.87 min Scan# 999
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:142 Resp: 81564

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.0	103.6
115	33.3	27.1	40.7

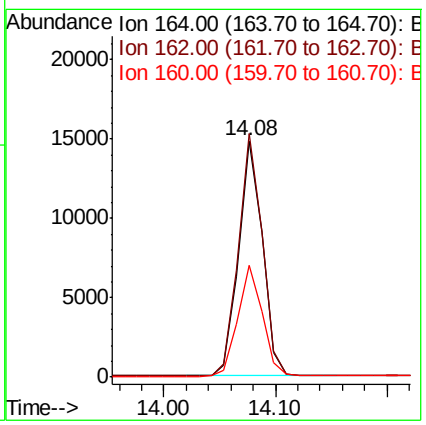


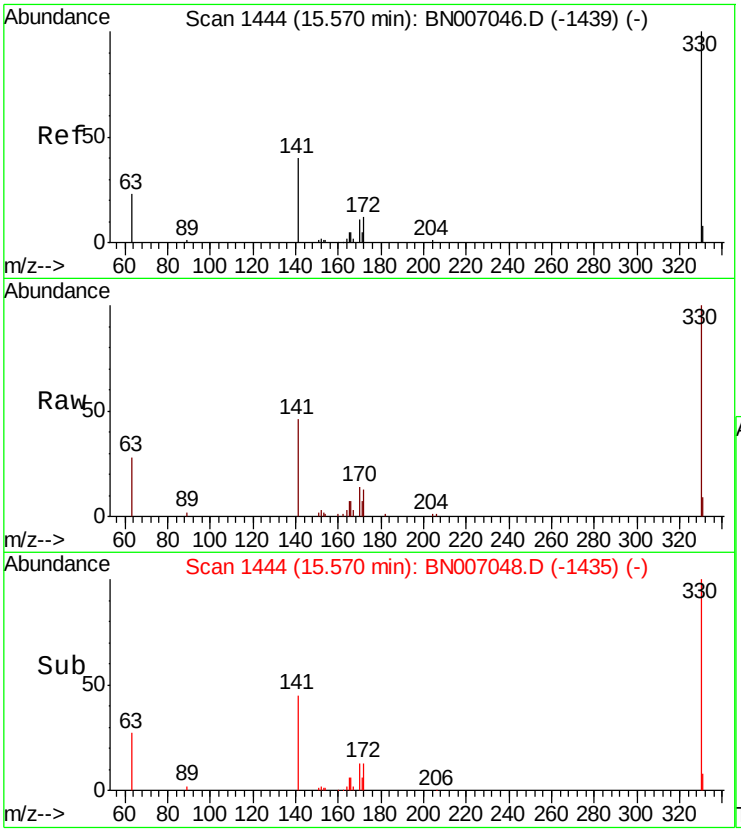


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:164 Resp: 21645

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.4
160	47.4	38.3	57.5



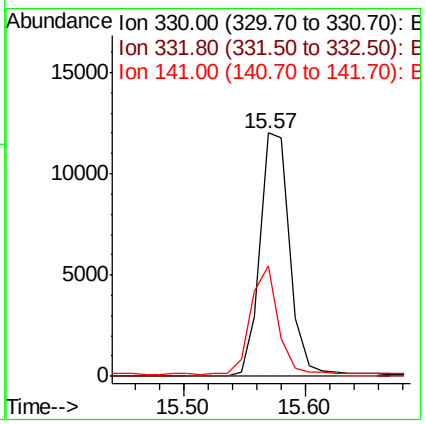


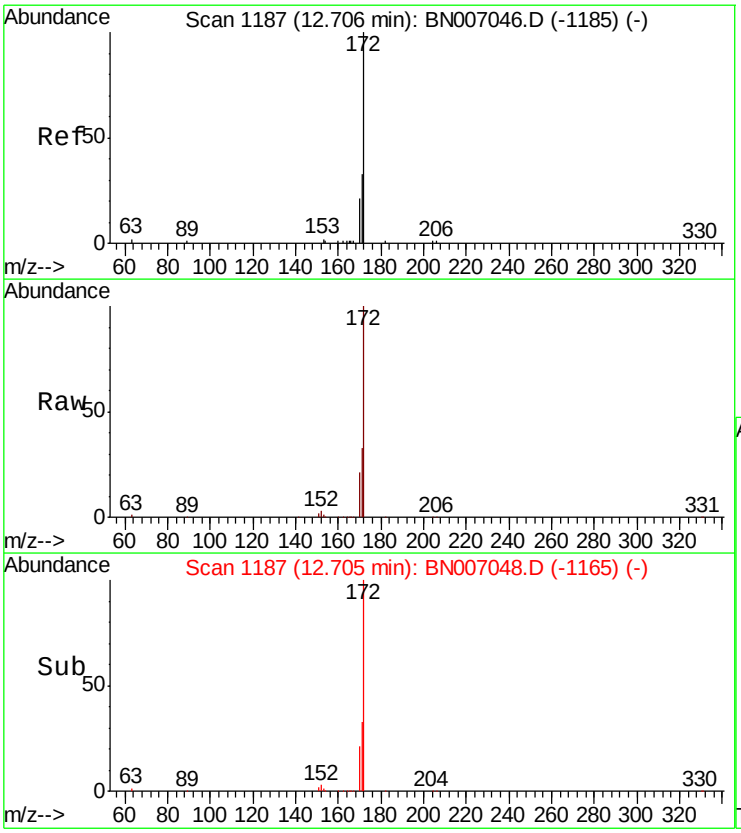
#13
2,4,6-Tribromophenol
Concen: 1.993 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:330 Resp: 20357

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.2	33.6	50.4

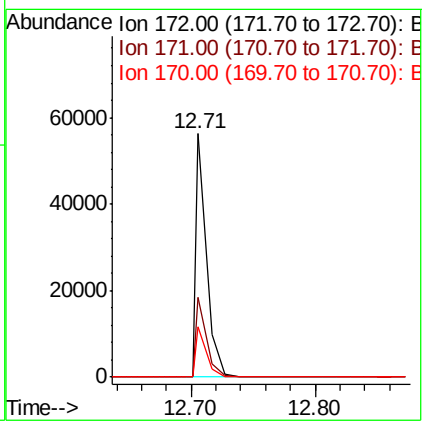


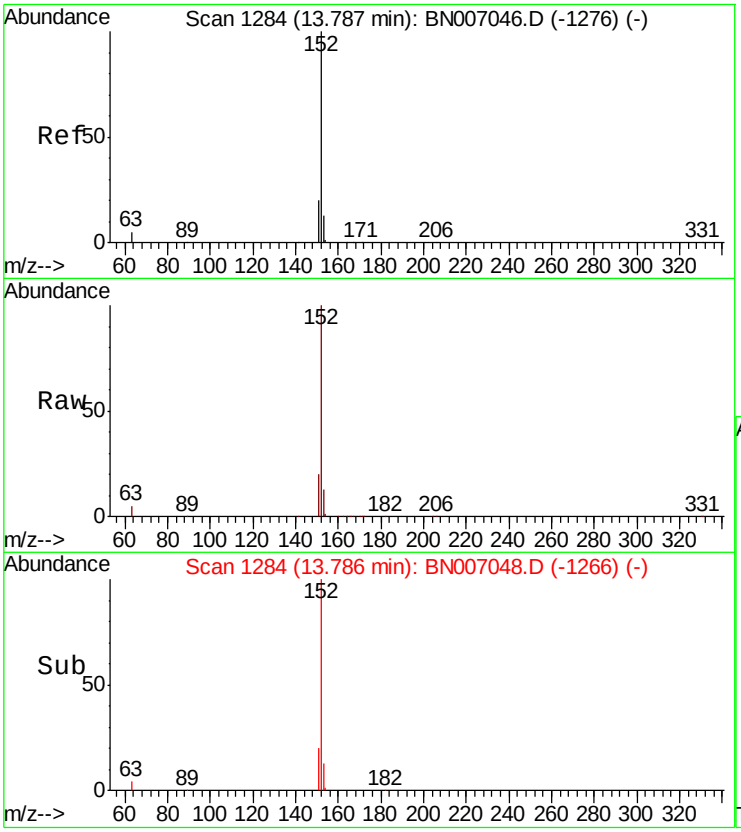


#14
2-Fluorobiphenyl
Concen: 1.131 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:172 Resp: 40634

Ion	Ratio	Lower	Upper
172	100		
171	32.6	26.3	39.5
170	20.8	17.0	25.4



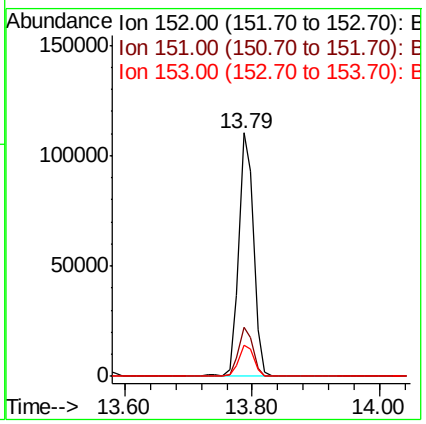


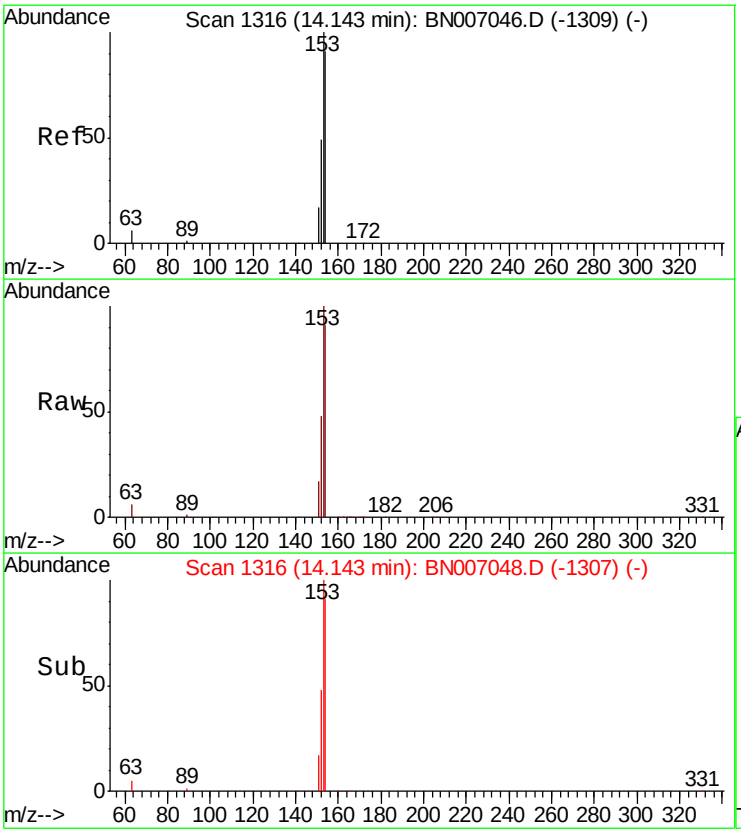
#15
Acenaphthylene
Concen: 1.580 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 179707

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.4	15.6

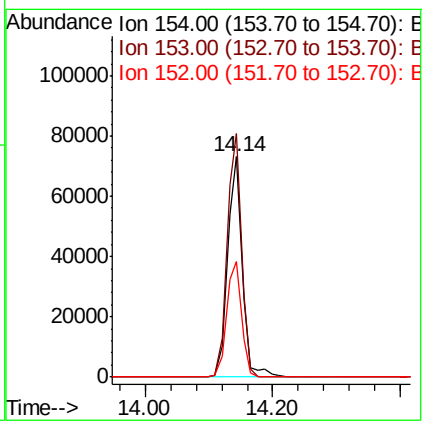


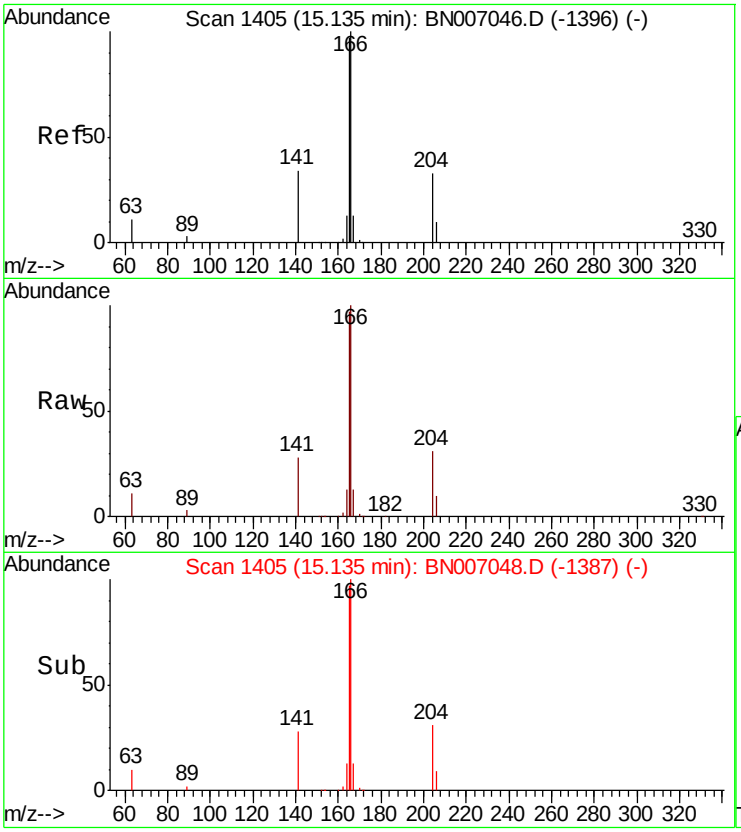


#16
Acenaphthene
Concen: 1.573 ng
RT: 14.14 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:154 Resp: 115697

Ion	Ratio	Lower	Upper
154	100		
153	108.6	89.5	134.3
152	53.3	44.8	67.2



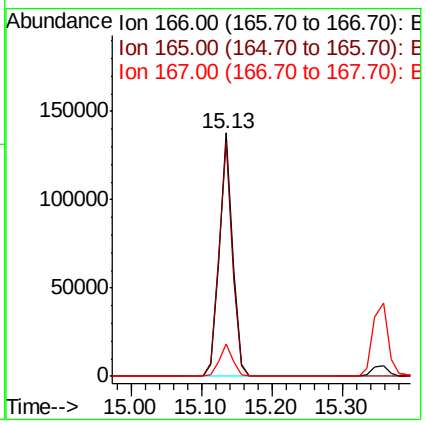


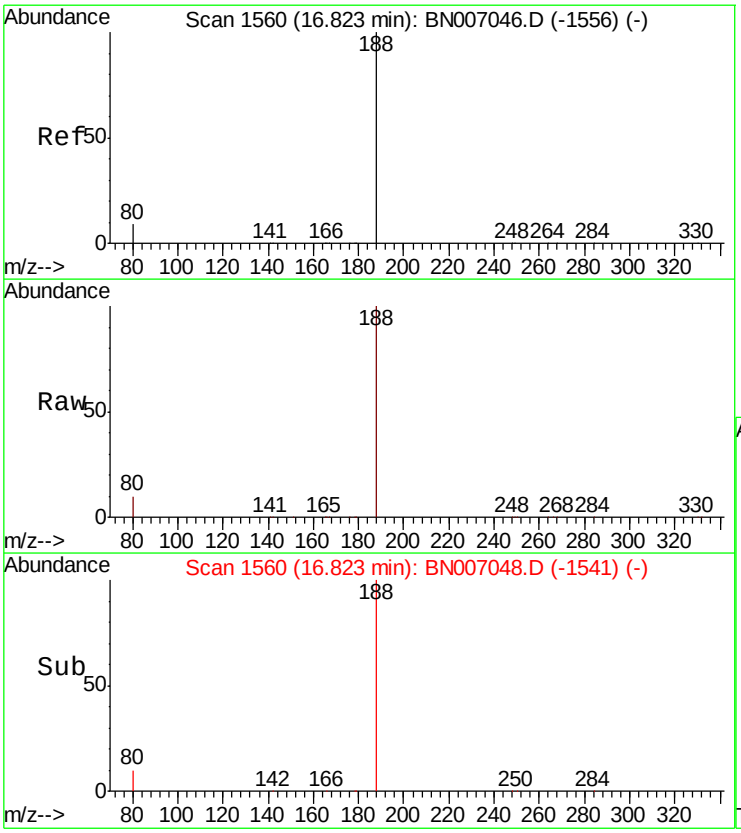
#17
Fluorene
Concen: 1.726 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:166 Resp: 184244

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.9	116.9
167	13.4	10.9	16.3

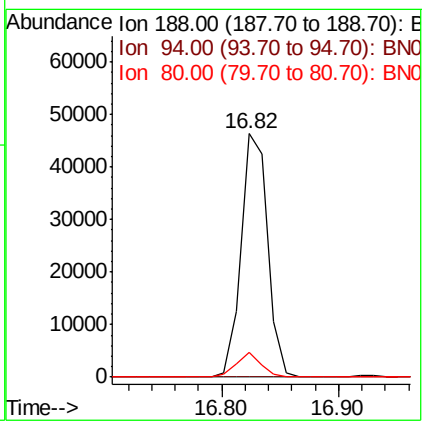


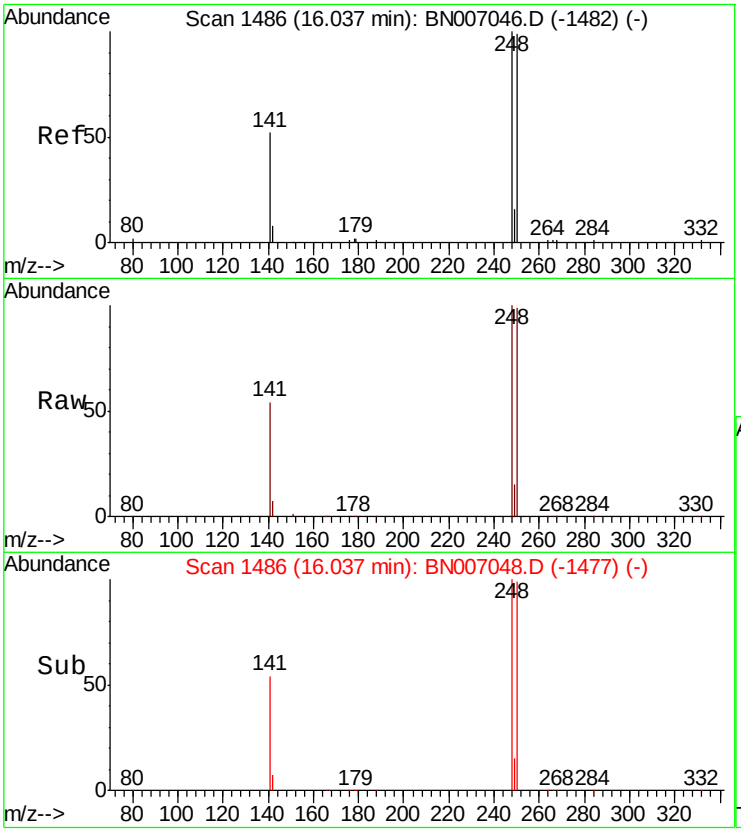


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:188 Resp: 72306

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.8	11.6



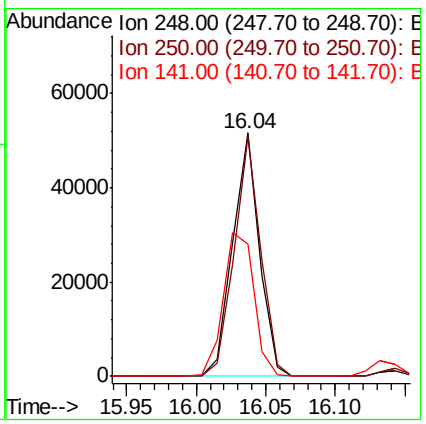


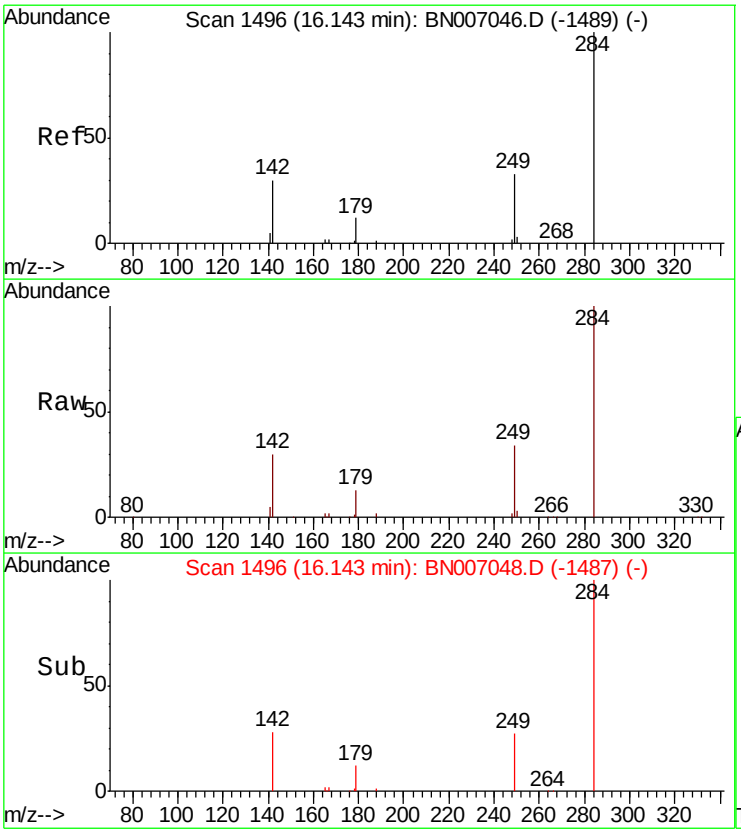
#19
4-Bromophenyl-phenylether
Concen: 1.434 ng
RT: 16.04 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 68981

Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.9	118.3
141	54.4	43.3	64.9

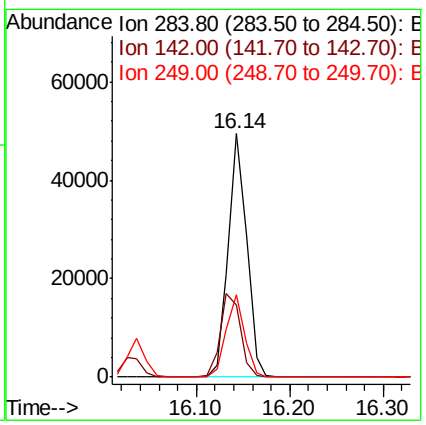


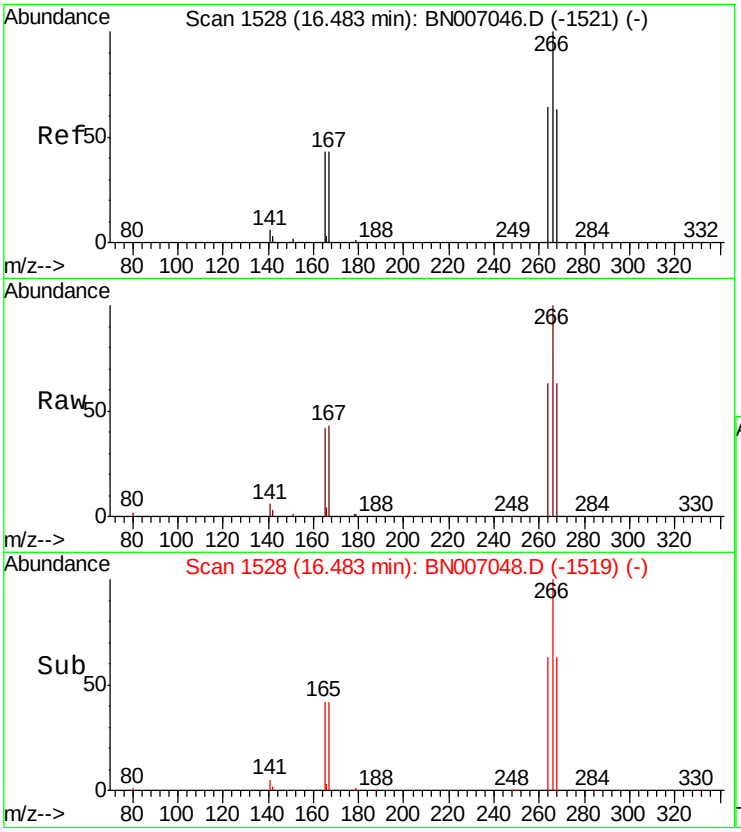


#20
Hexachlorobenzene
Concen: 1.499 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:284 Resp: 67381

Ion	Ratio	Lower	Upper
284	100		
142	37.9	30.5	45.7
249	33.6	26.7	40.1



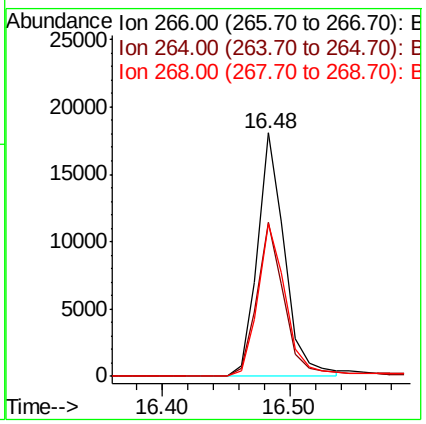


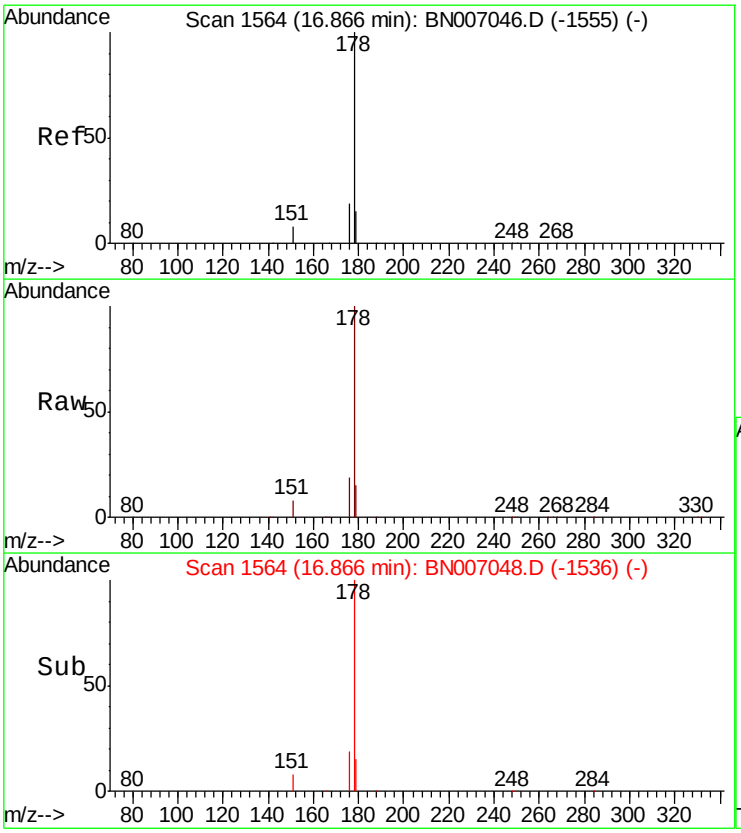
#21
Pentachlorophenol
Concen: 1.701 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:266 Resp: 26608

Ion	Ratio	Lower	Upper
266	100		
264	63.4	52.3	78.5
268	62.9	51.5	77.3

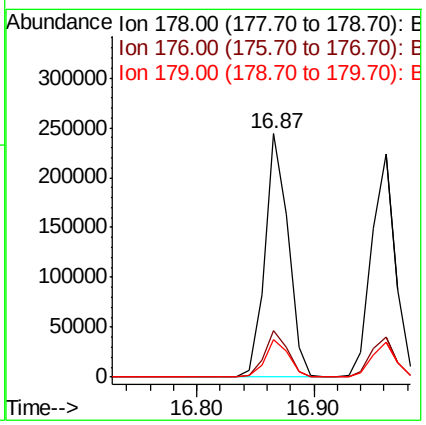


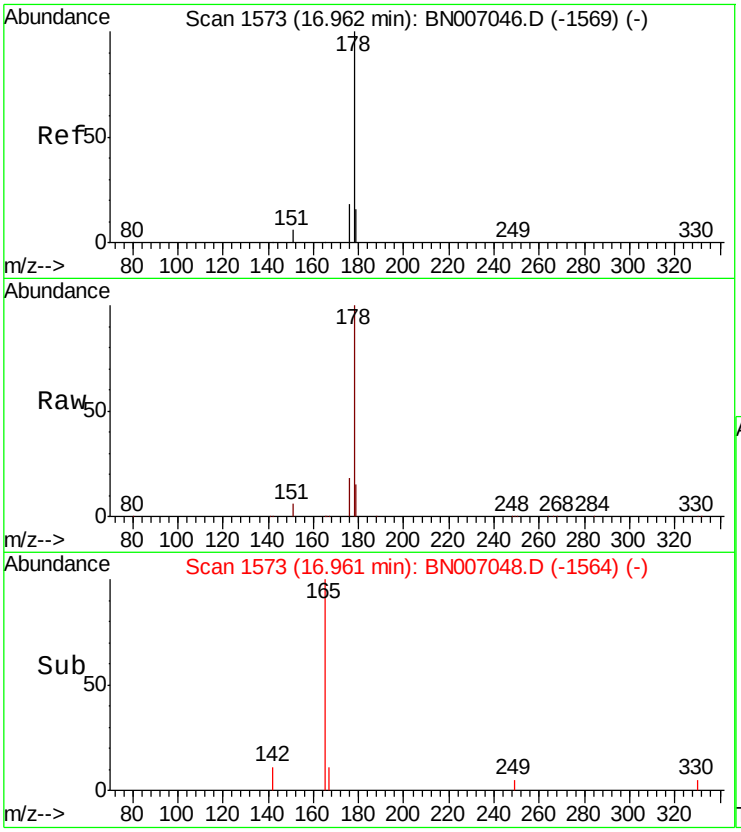


#22
Phenanthrene
Concen: 1.490 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:178 Resp: 338291

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.4	12.3	18.5



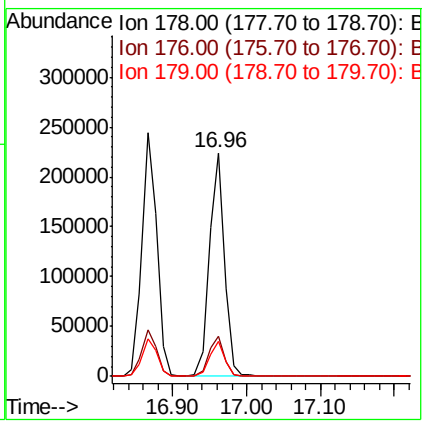


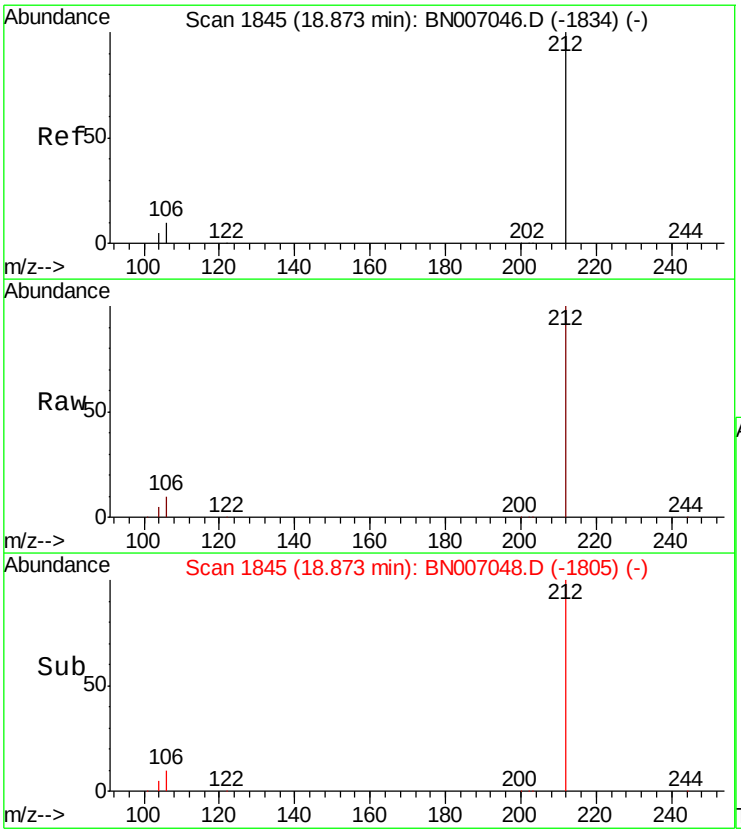
#23
Anthracene
Concen: 1.618 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 320151

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.5	18.7

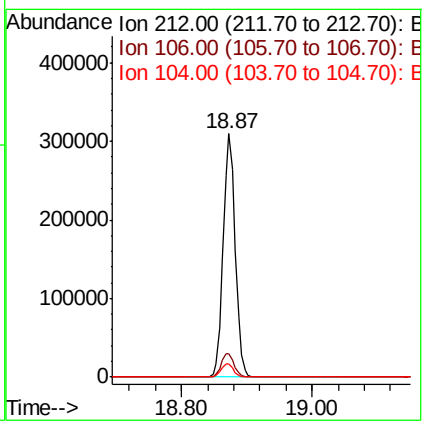


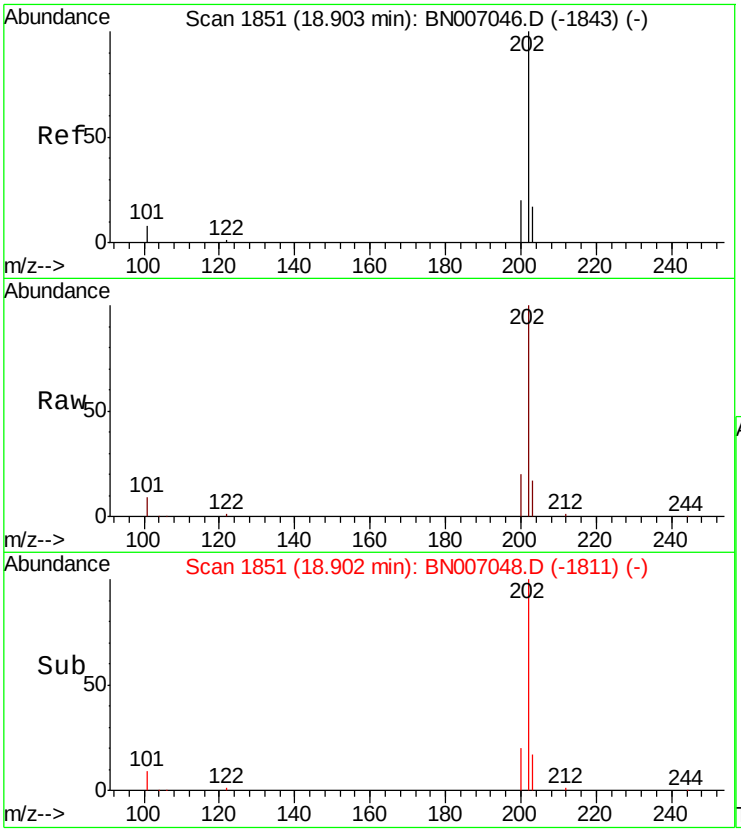


#24
Fluoranthene-d10
Concen: 1.503 ng
RT: 18.87 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:212 Resp: 401519

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	5.6	4.5	6.7



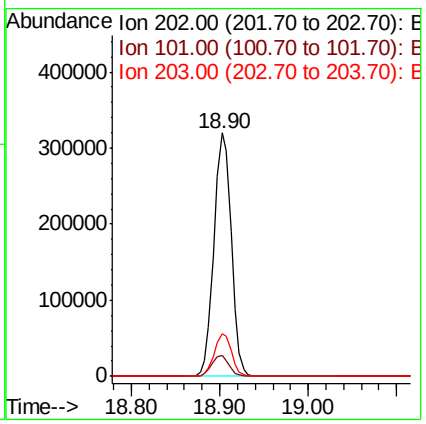


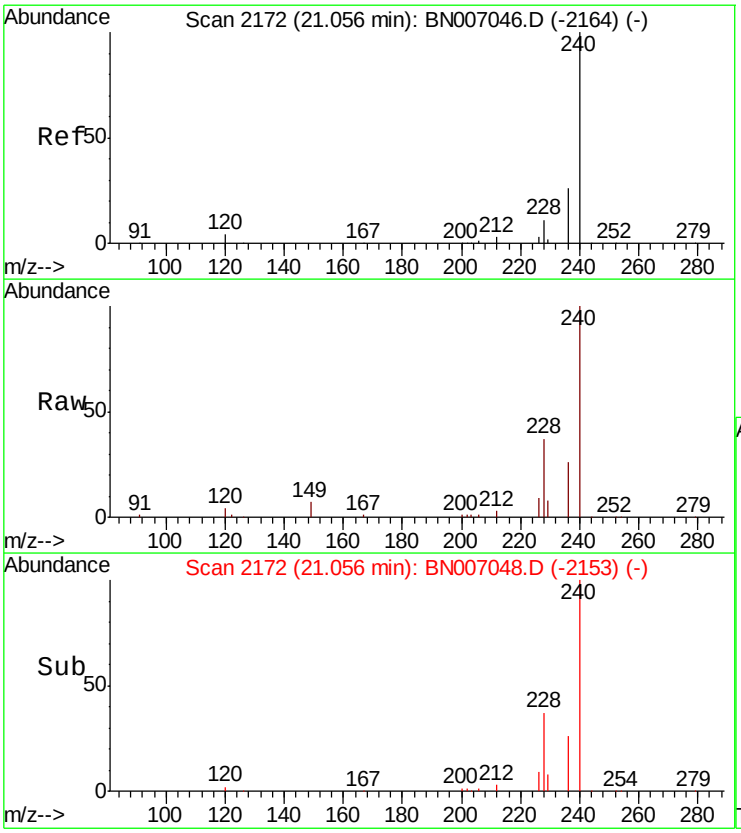
#25
Fluoranthene
Concen: 1.486 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 433230

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
203	17.4	13.8	20.8

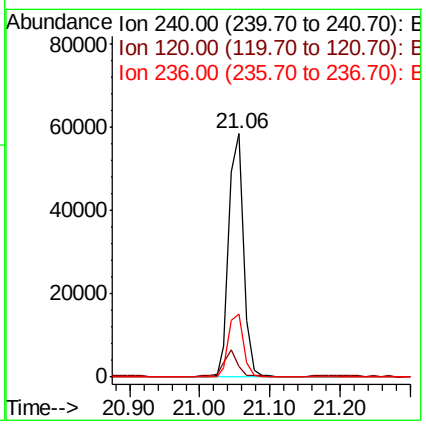


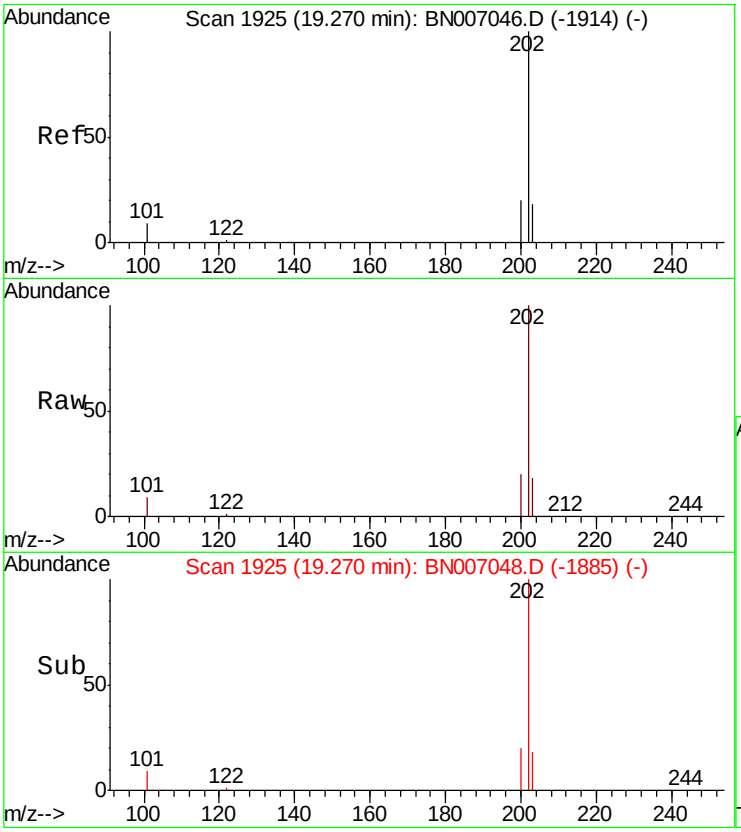


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:240 Resp: 83450

Ion	Ratio	Lower	Upper
240	100		
120	4.4	4.0	6.0
236	26.1	21.3	31.9



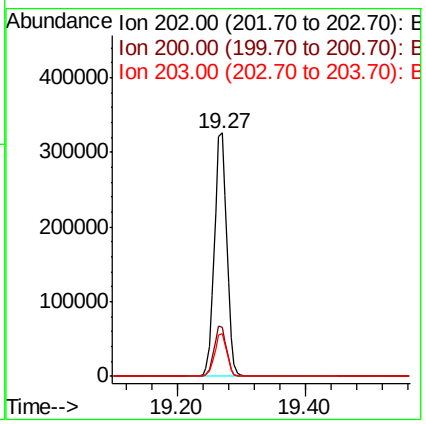


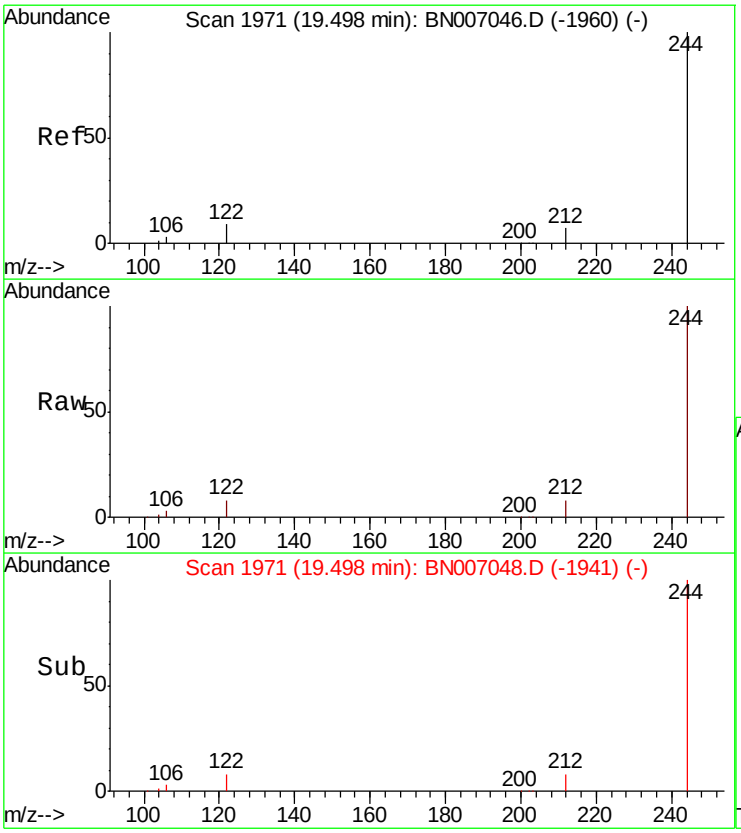
#27
Pyrene
Concen: 1.395 ng
RT: 19.27 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 439661

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.5	14.0	21.0

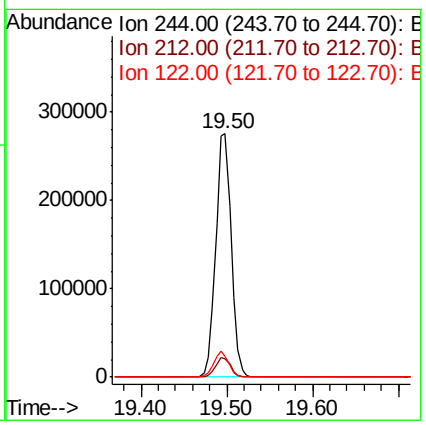


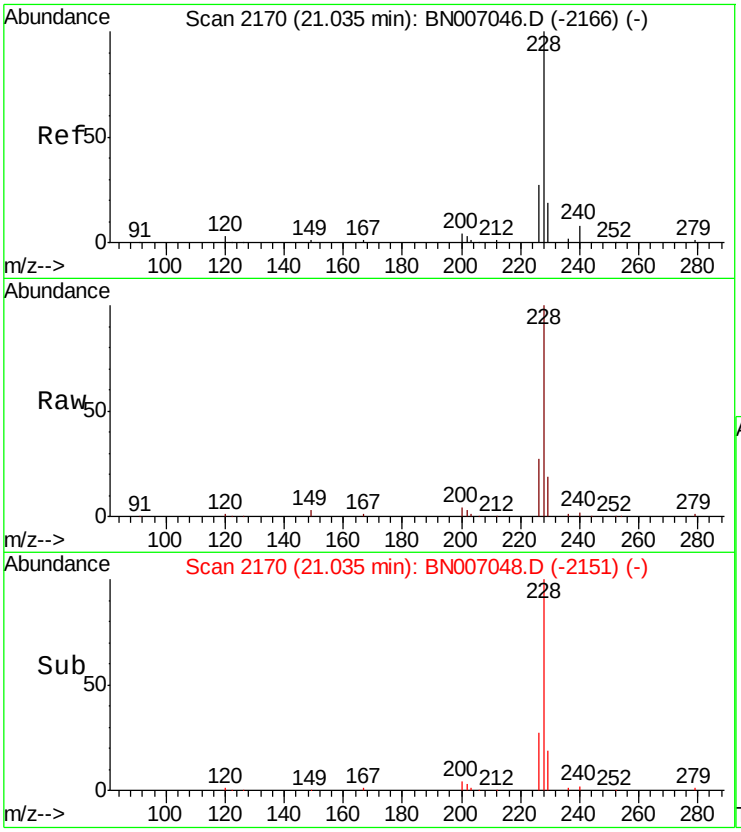


#28
Terphenyl-d14
Concen: 1.430 ng
RT: 19.50 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:244 Resp: 344995

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	8.4	7.4	11.2



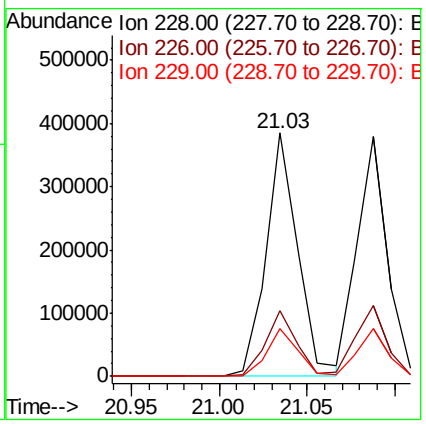


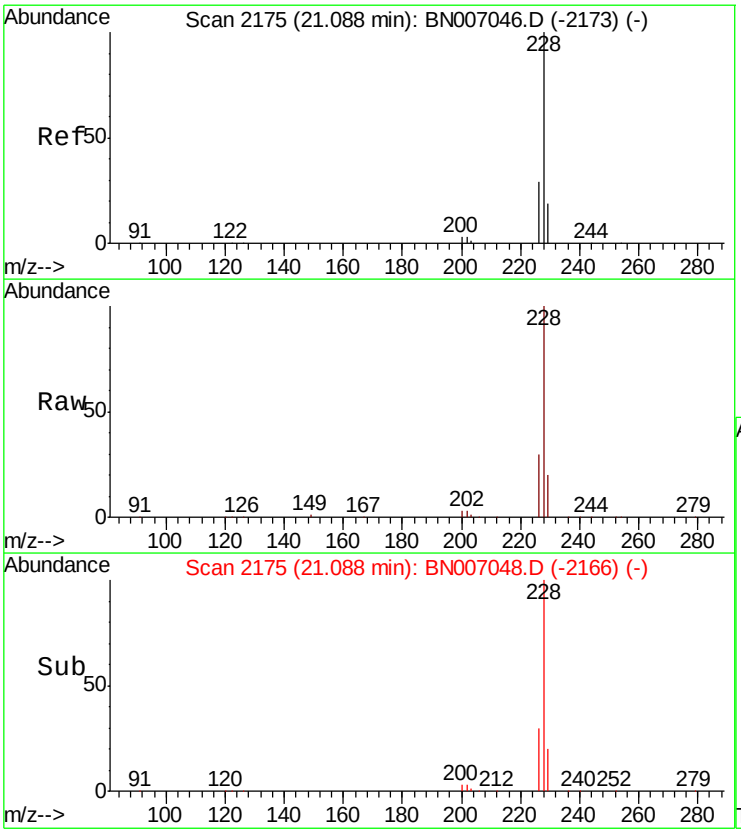
#29
Benzo(a)anthracene
Concen: 1.533 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 484340

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.4	15.6	23.4

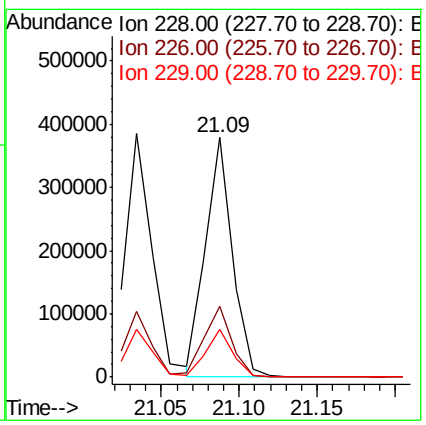


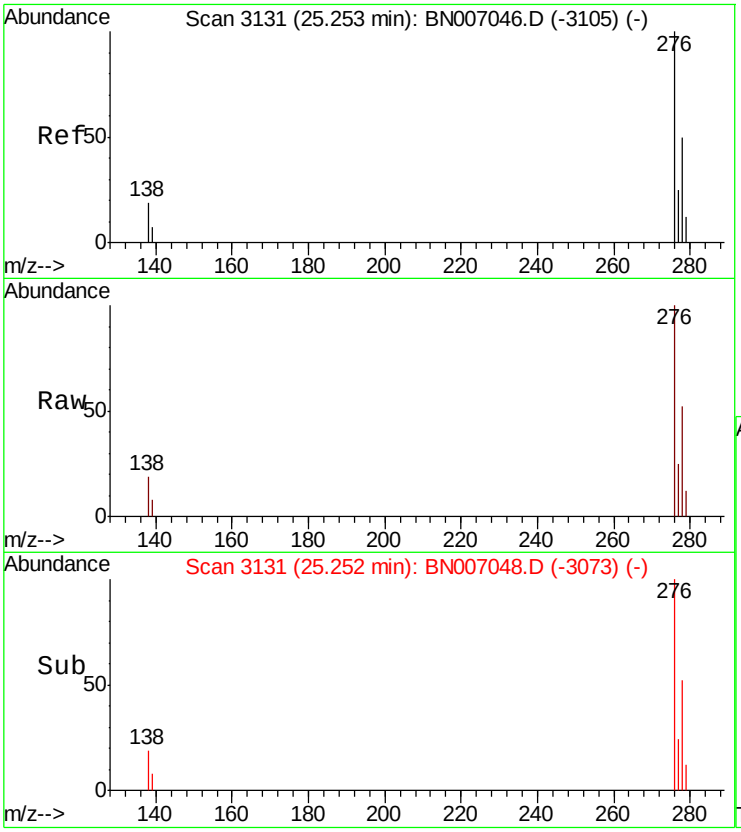


#30
Chrysene
Concen: 1.456 ng
RT: 21.09 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:228 Resp: 454759

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	19.7	15.7	23.5



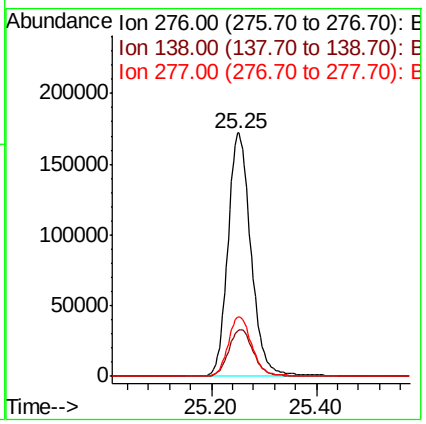


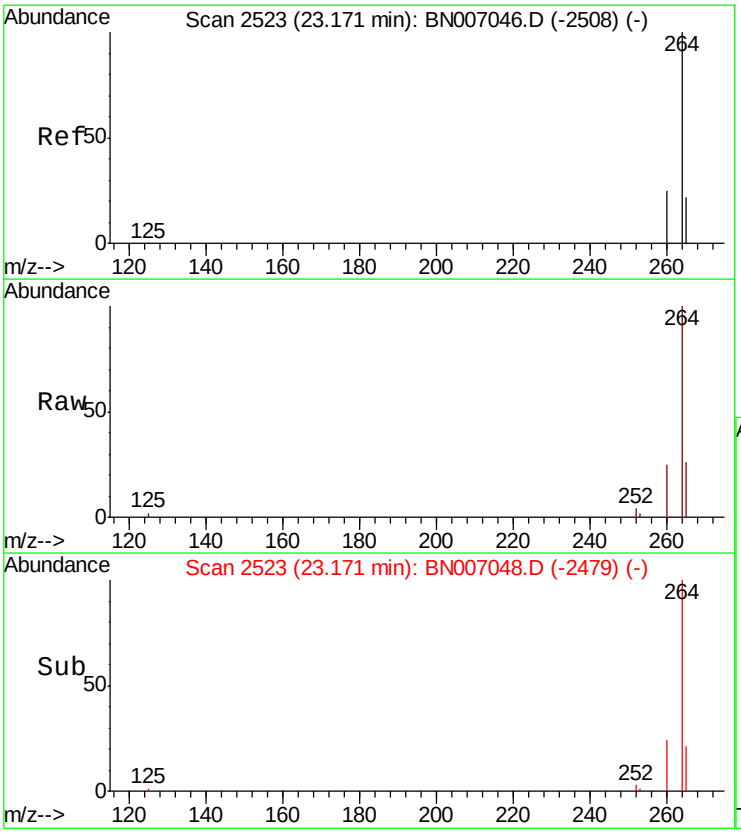
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.574 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 525778

Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.0	24.0
277	25.0	19.9	29.9

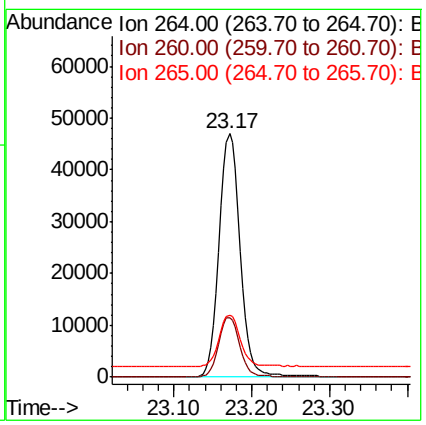


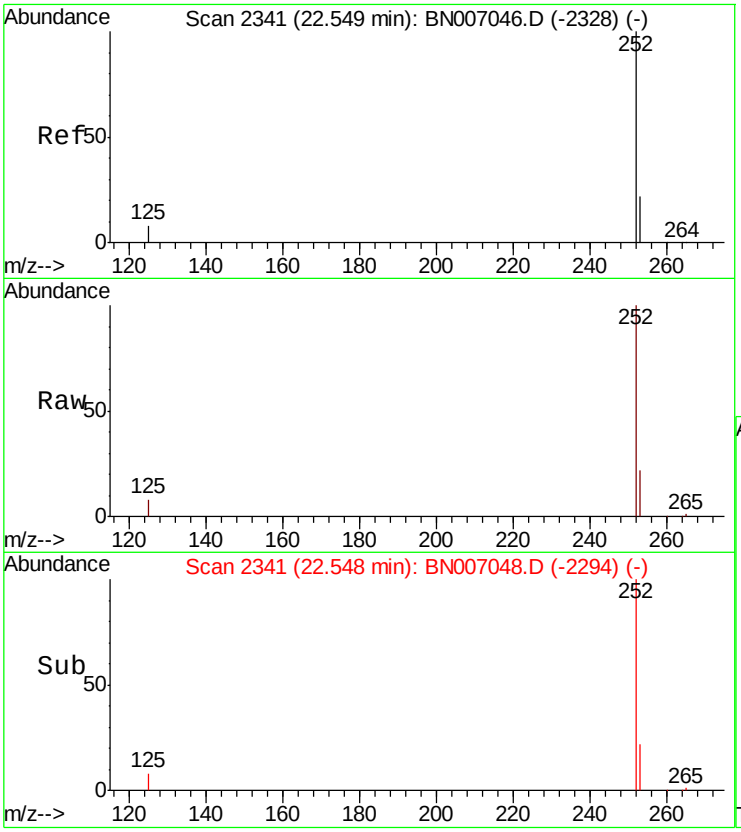


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.17 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:264 Resp: 86980

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	25.7	26.2	39.4#



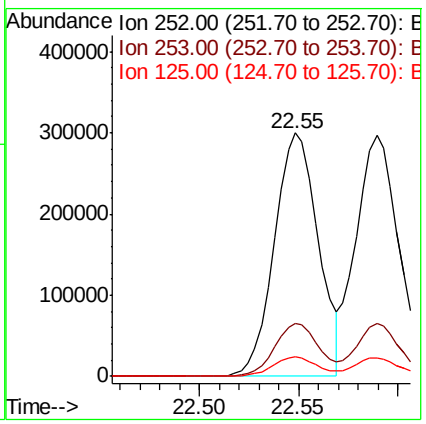


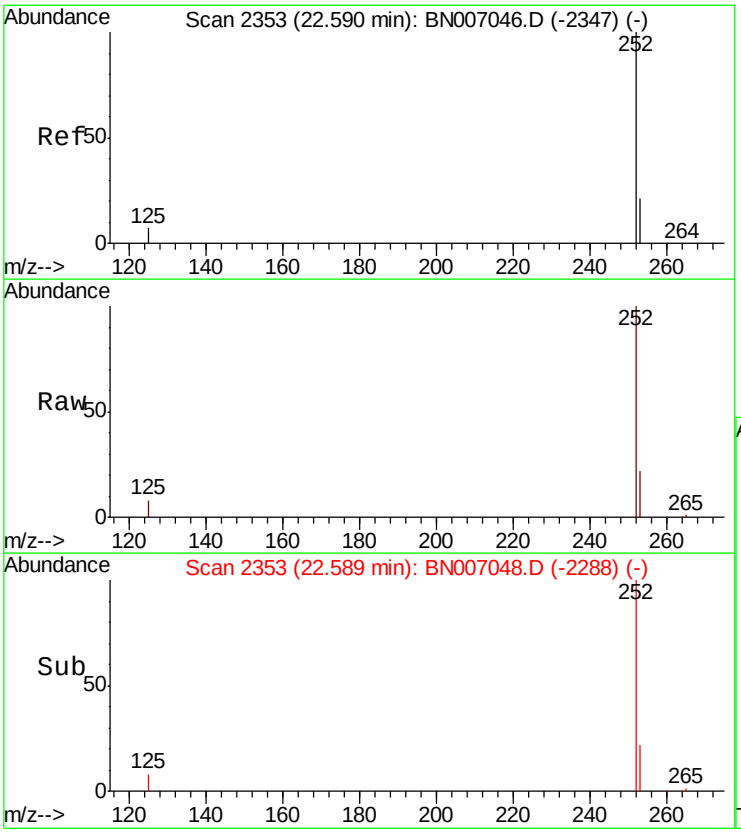
#33
Benzo(b)fluoranthene
Concen: 1.518 ng
RT: 22.55 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 459766

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	7.9	7.4	11.0

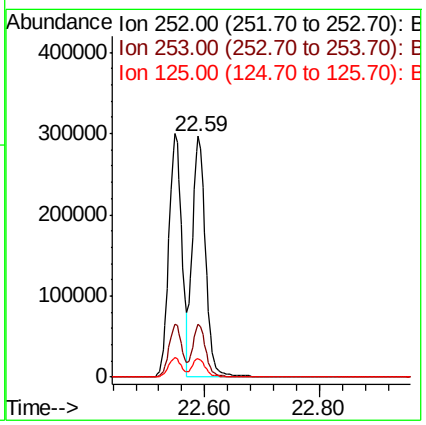


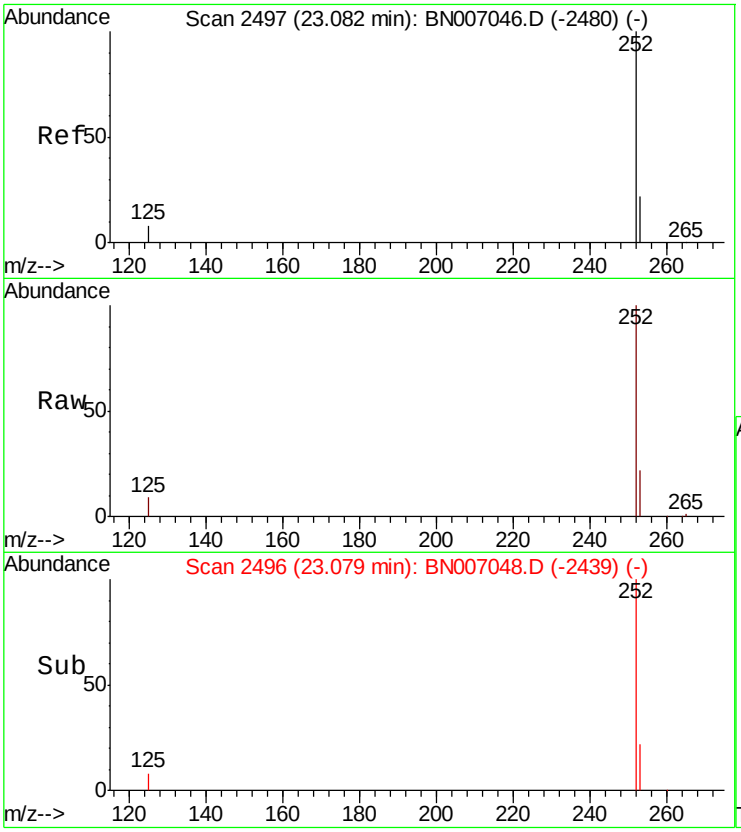


#34
Benzo(k)fluoranthene
Concen: 1.530 ng
RT: 22.59 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:252 Resp: 463319

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	7.8	7.4	11.0



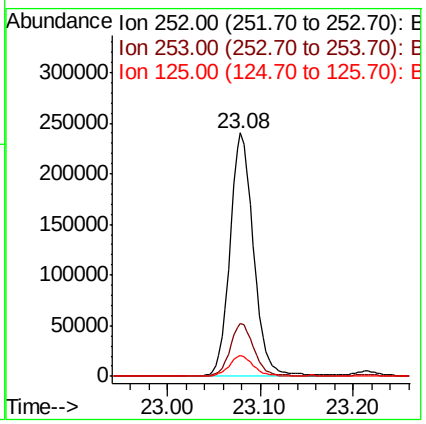


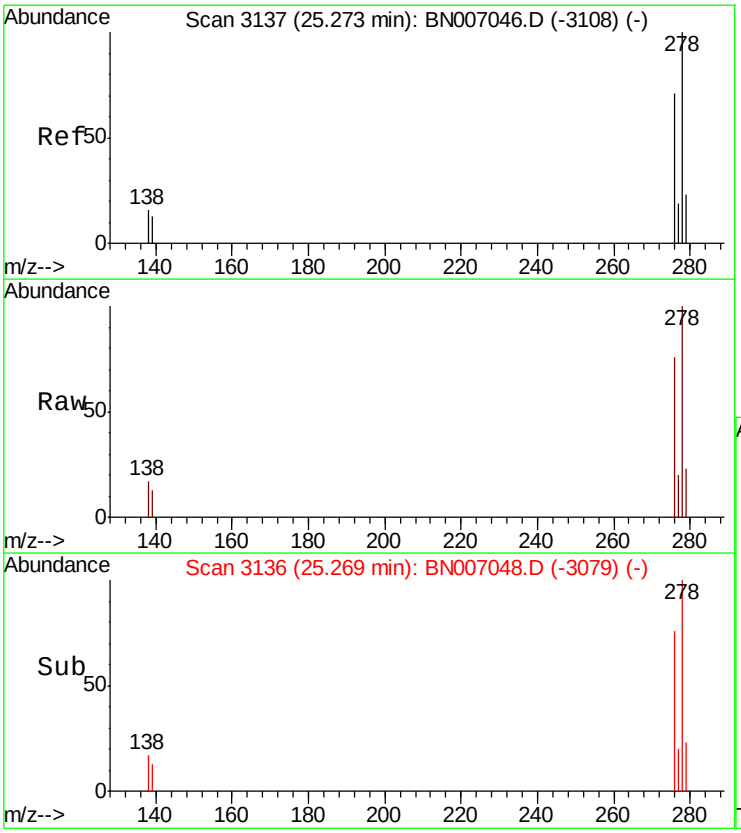
#35
Benzo(a)pyrene
Concen: 1.555 ng
RT: 23.08 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 424691

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	8.6	8.2	12.4

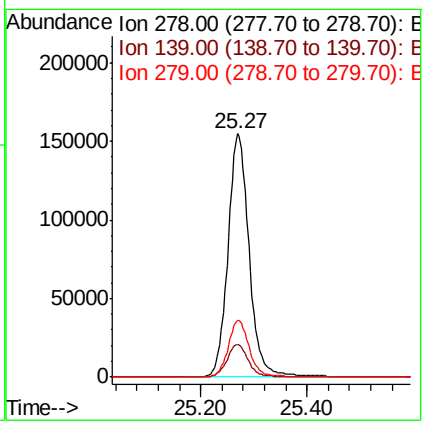


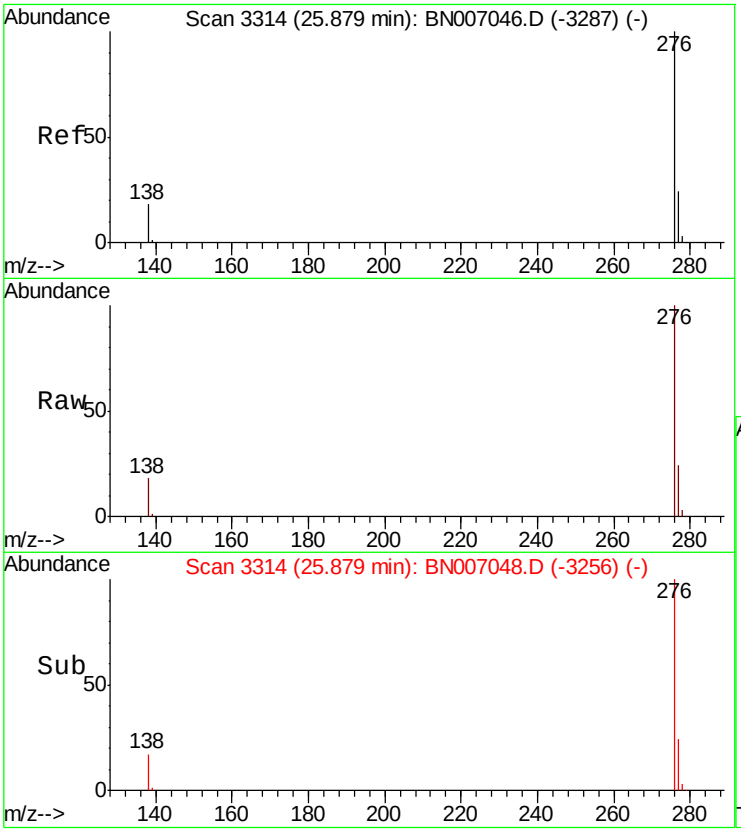


#36
Dibenzo(a,h)anthracene
Concen: 1.570 ng
RT: 25.27 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Tgt Ion:278 Resp: 427192

Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.3	16.9
279	23.4	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 1.523 ng
RT: 25.88 min Scan# 3314
Delta R.T. -0.00 min
Lab File: BN007048.D
Acq: 10 Aug 2019 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 433123

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.8
138	17.5	14.6	22.0