Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007744.D
Acq On : 19 Sep 2019 16:59
Operator : HP/JU
Sample : PB123223BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB123223BS

Quant Time: Sep 20 01:49:00 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	7.70	152	6747	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	25946	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	14777	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	31291	0.40	ng		0.00
27) Chrysene-d12	21.27	240	28038	0.40	ng		0.00
34) Perylene-d12	23.49	264	16634	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	5851	0.25	ng		0.00
5) Phenol-d6	6.87	99	7448	0.26	ng		0.00
8) Nitrobenzene-d5	8.83	82	6355	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	14560	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	1622	0.20	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	19893	0.33	ng		0.00
25) Fluoranthene-d10	19.10	212	30084	0.29	ng		0.00
29) Terphenyl-d14	19.71	244	26378	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1938	0.258	ng	#	57
3) n-Nitrosodimethylamine	3.01	42	7527	2.185	ng		86
6) bis(2-Chloroethyl)ether	7.14	93	6211	0.325	ng		96
9) Naphthalene	10.52	128	23130	0.318	ng		100
10) Hexachlorobutadiene	10.82	225	4486	0.293	ng	#	99
12) 2-Methylnaphthalene	12.13	142	15468	0.314	ng		99
16) Acenaphthylene	14.03	152	20478	0.261	ng		100
17) Acenaphthene	14.38	154	14198	0.281	ng		97
18) Fluorene	15.37	166	17991	0.278	ng		99
20) 4-Bromophenyl-phenylether	16.26	248	5848	0.308	ng	#	74
21) Hexachlorobenzene	16.38	284	6535	0.315	ng		98
22) Pentachlorophenol	16.72	266	3632	0.474	ng		95
23) Phenanthrene	17.11	178	30923	0.317	ng		100
24) Anthracene	17.20	178	24967	0.284	ng		100
26) Fluoranthene	19.13	202	33991	0.280	ng		100
28) Pyrene	19.50	202	31354	0.328	ng		100
30) Benzo(a)anthracene	21.25	228	30550	0.296	ng		99
31) Chrysene	21.30	228	33109	0.329	ng		99
32) Bis(2-ethylhexyl)phthalate	21.20	149	9267	0.175	ng		100
33) Indeno(1,2,3-cd)pyrene	25.70	276	33338	0.265	ng		99
35) Benzo(b)fluoranthene	22.82	252	31552	0.546	ng		99
36) Benzo(k)fluoranthene	22.87	252	29925	0.524	ng		99
37) Benzo(a)pyrene	23.39	252	20952	0.386	ng		96
38) Dibenzo(a,h)anthracene	25.72	278	30145	0.543	ng		99
39) Benzo(g,h,i)perylene	26.37	276	28672	0.522	ng		99

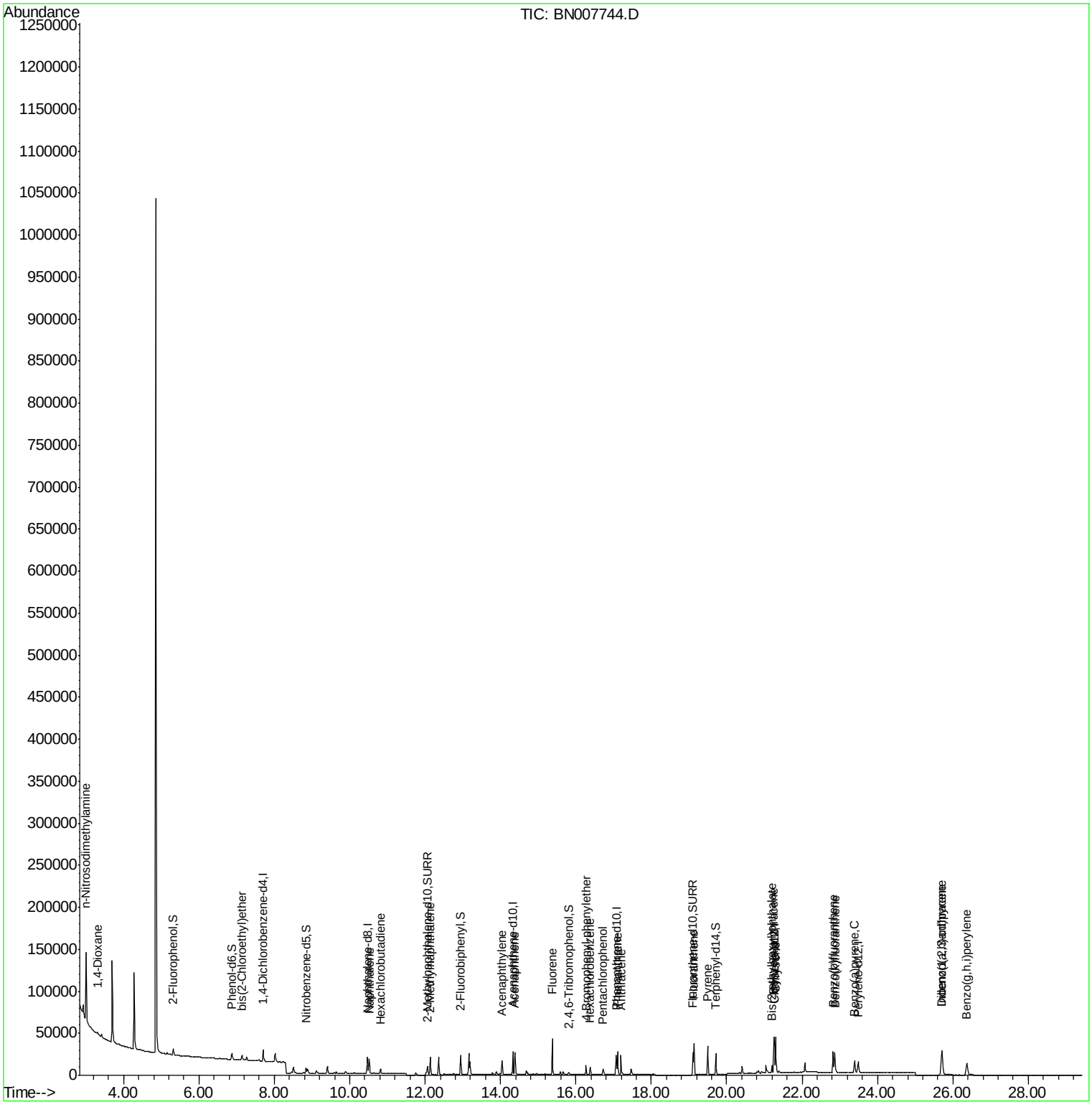
(#) = qualifier out of range (m) = manual integration (+) = signals summed

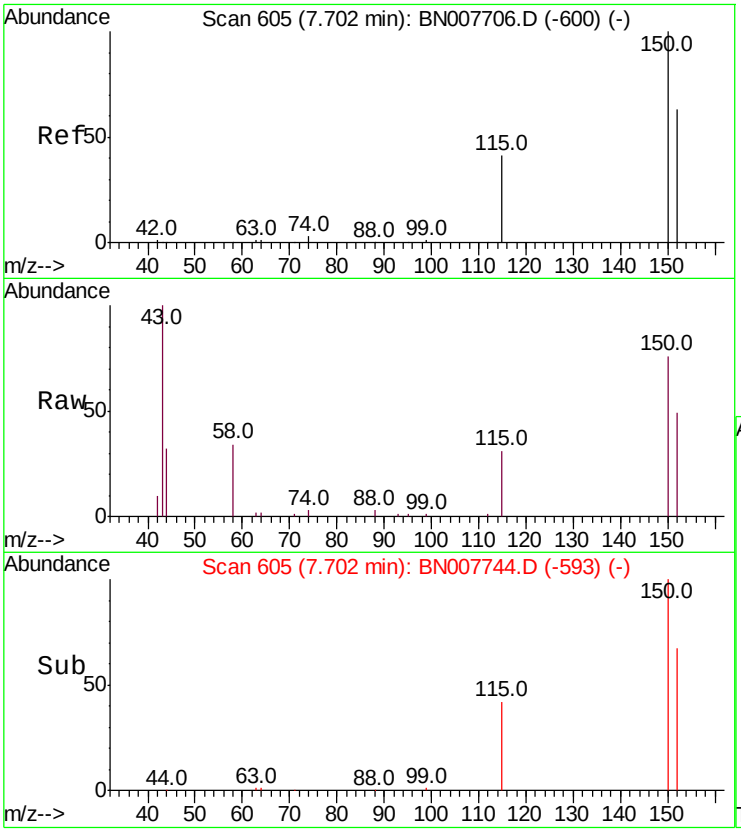
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007744.D
Acq On : 19 Sep 2019 16:59
Operator : HP/JU
Sample : PB123223BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Quant Time: Sep 20 01:49:00 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



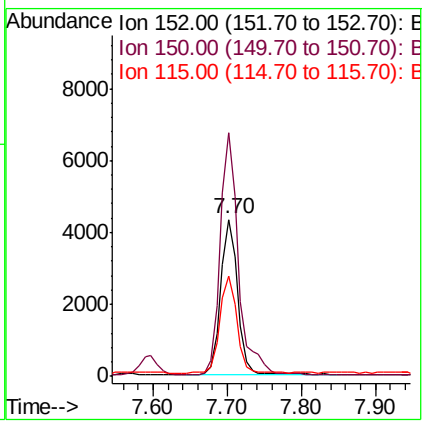


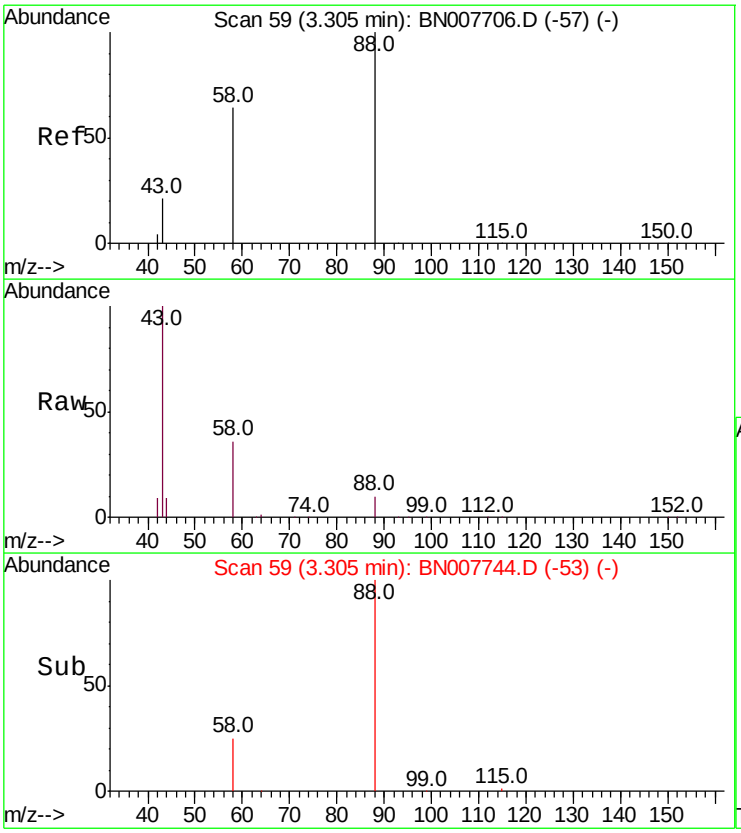
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:152 Resp: 6747

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.6	188.4
115	64.1	53.3	79.9

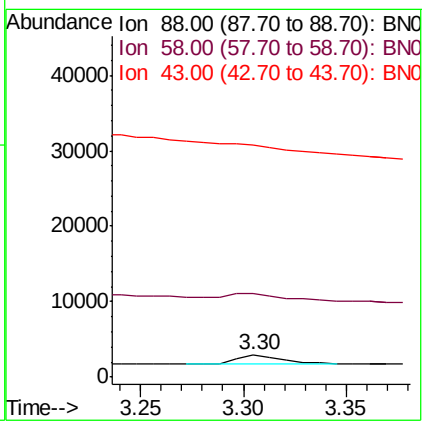


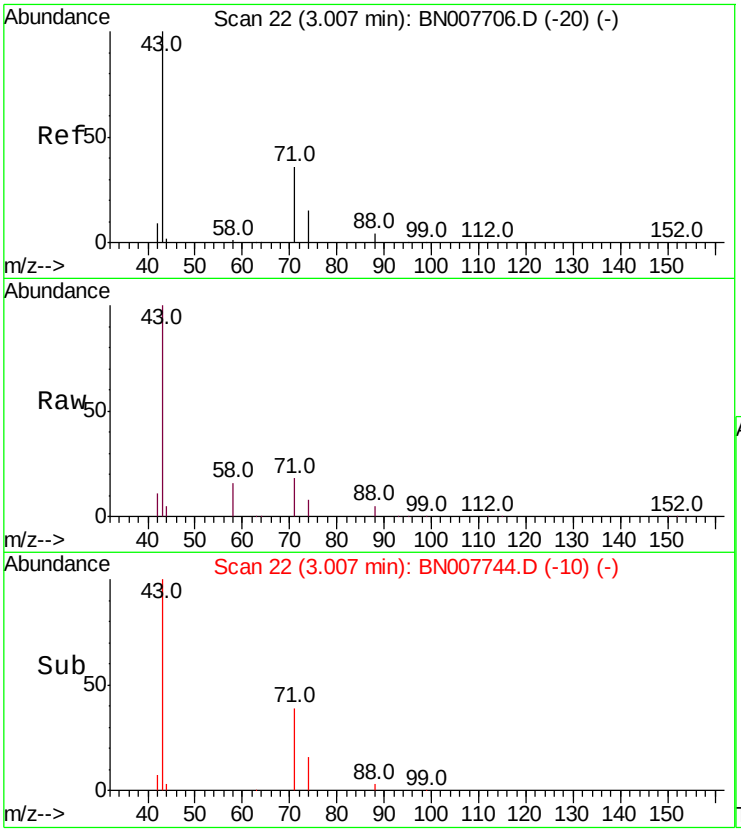


#2
1,4-Dioxane
Concen: 0.258 ng
RT: 3.30 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion: 88 Resp: 1938

Ion	Ratio	Lower	Upper
88	100		
58	87.8	44.6	66.8#
43	0.0	14.4	21.6#



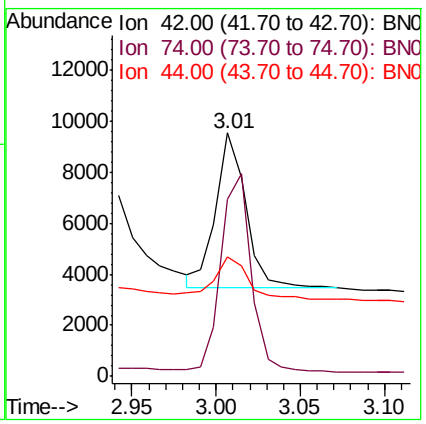


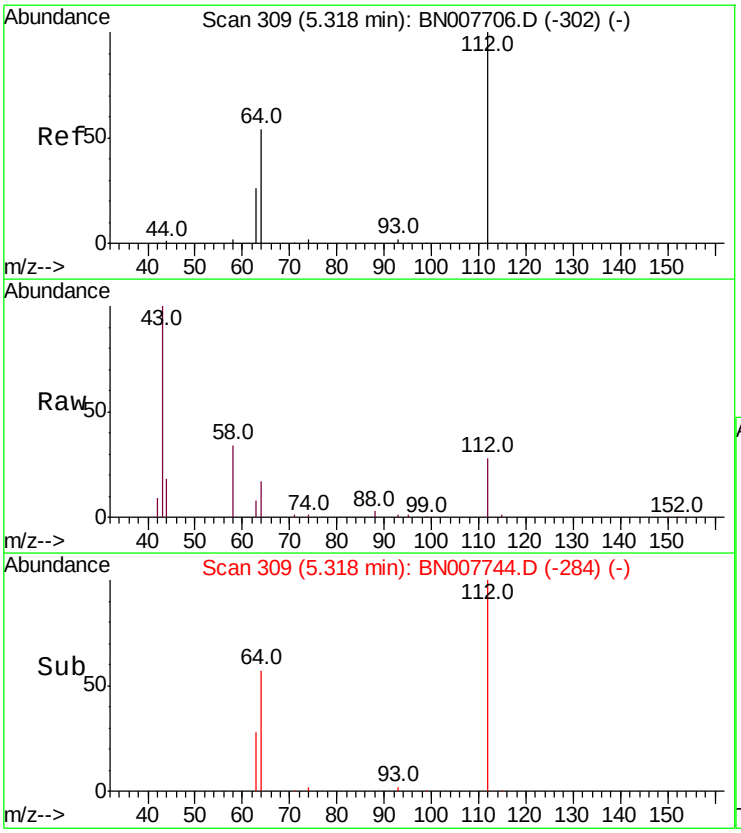
#3
n-Nitrosodimethylamine
Concen: 2.185 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion: 42 Resp: 7527

Ion	Ratio	Lower	Upper
42	100		
74	127.5	87.9	131.9
44	32.7	29.4	44.0

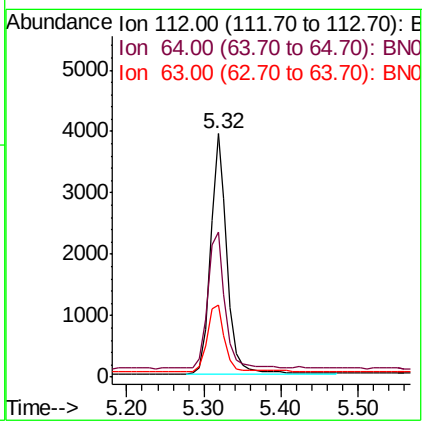


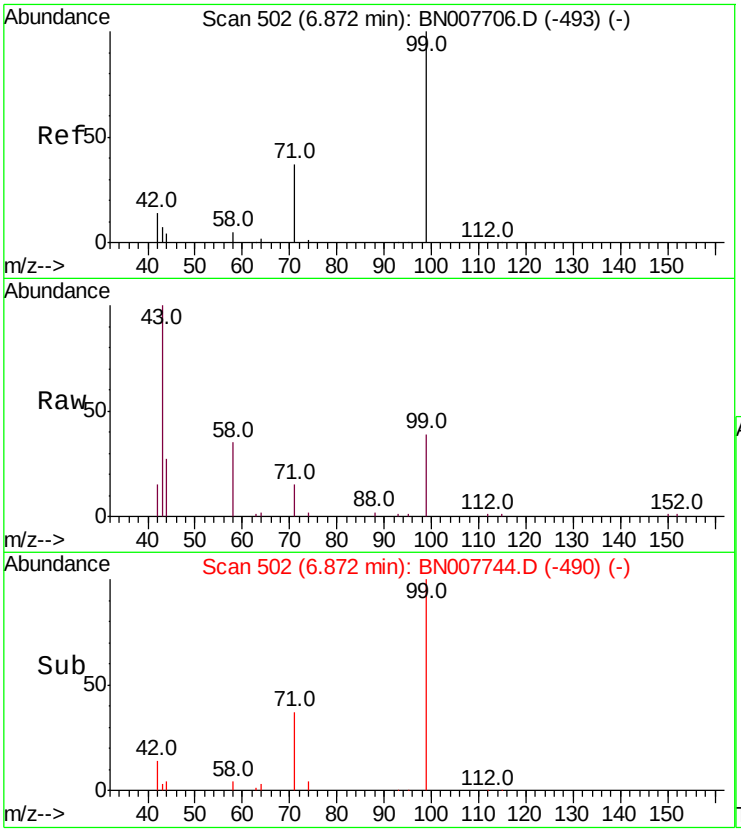


#4
2-Fluorophenol
Concen: 0.252 ng
RT: 5.32 min Scan# 309
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:112 Resp: 5851

Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.6	70.0
63	29.3	23.1	34.7



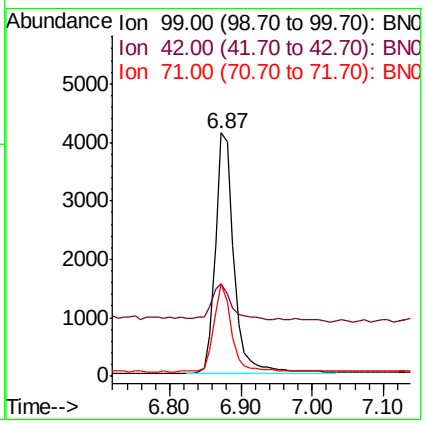


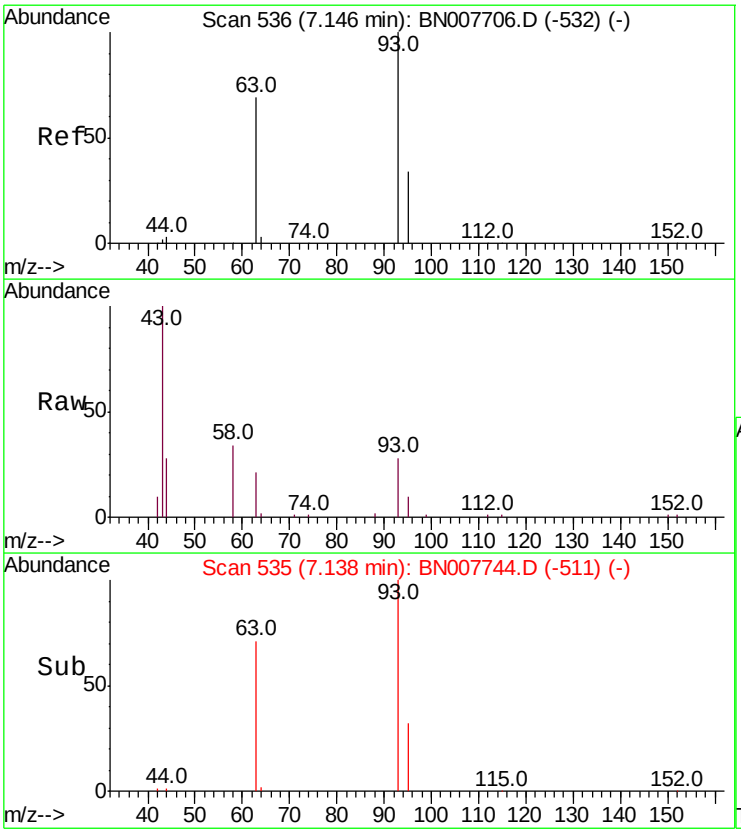
#5
Phenol-d6
Concen: 0.255 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion: 99 Resp: 7448

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	34.5	27.6	41.4

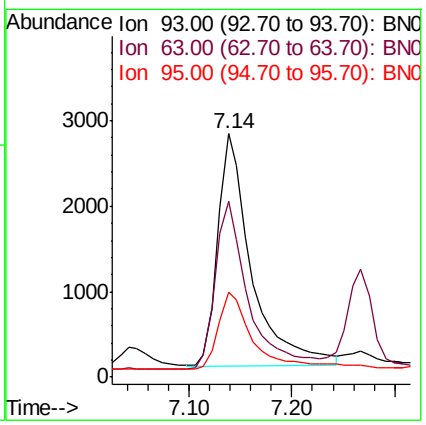


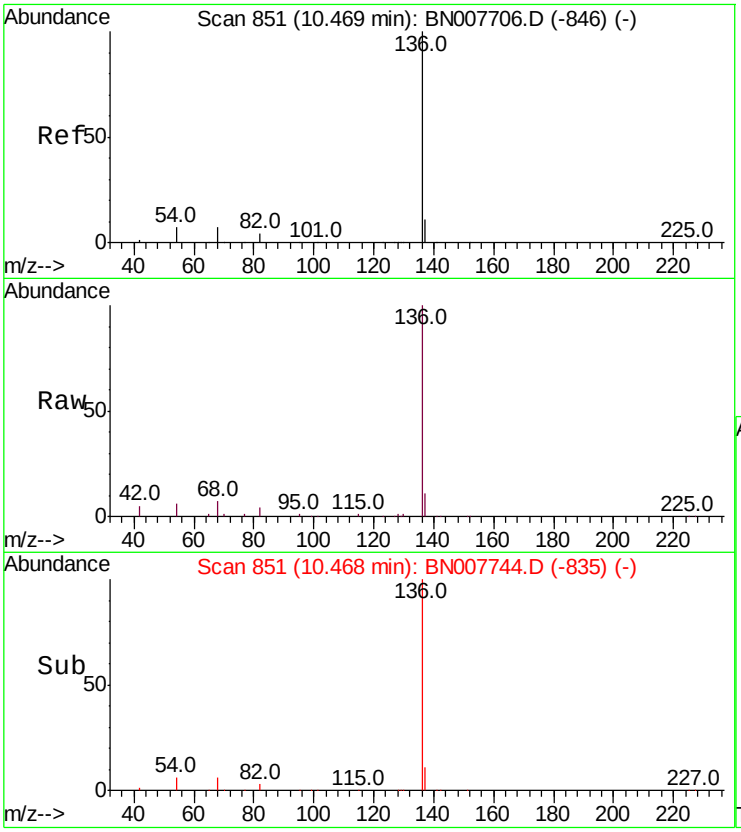


#6
bis(2-Chloroethyl)ether
Concen: 0.325 ng
RT: 7.14 min Scan# 535
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion: 93 Resp: 6211

Ion	Ratio	Lower	Upper
93	100		
63	71.6	59.3	88.9
95	35.7	31.4	47.0



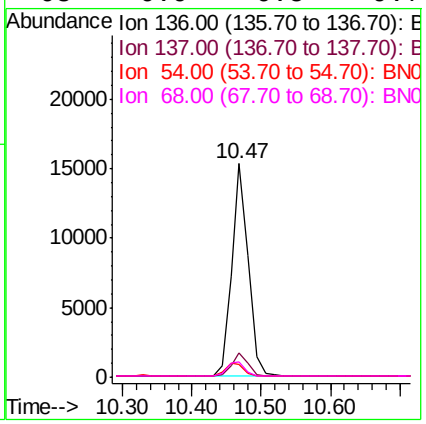


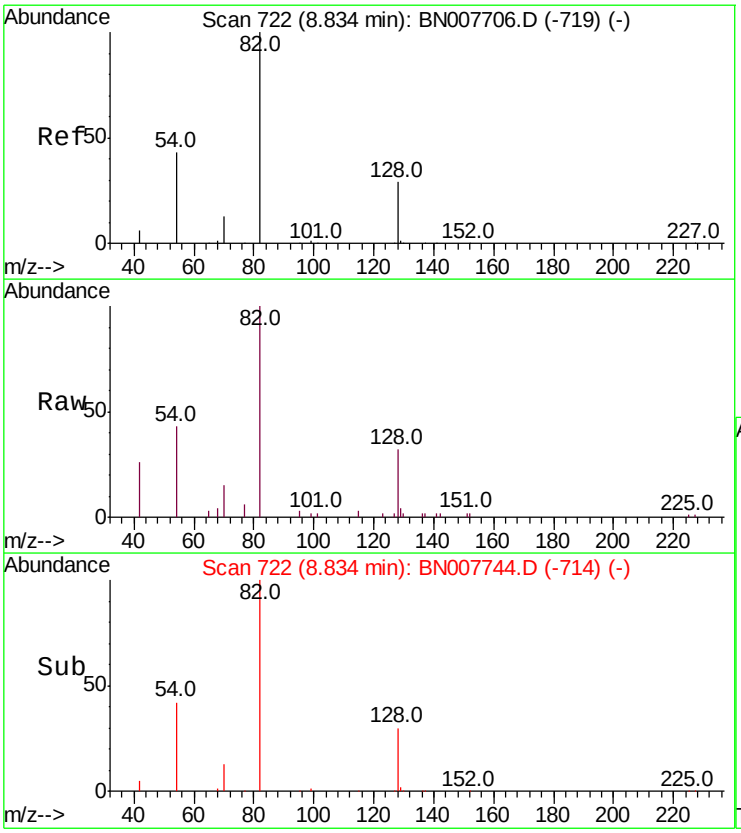
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:136 Resp: 25946

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.2	5.8	8.8
68	6.9	6.5	9.7

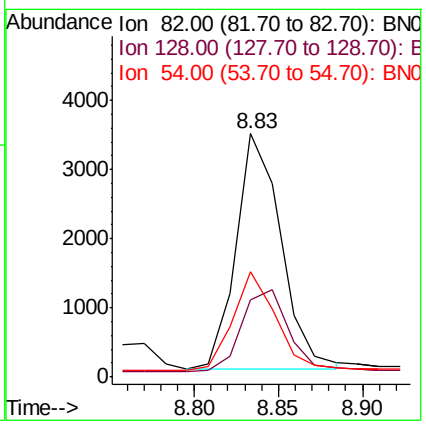


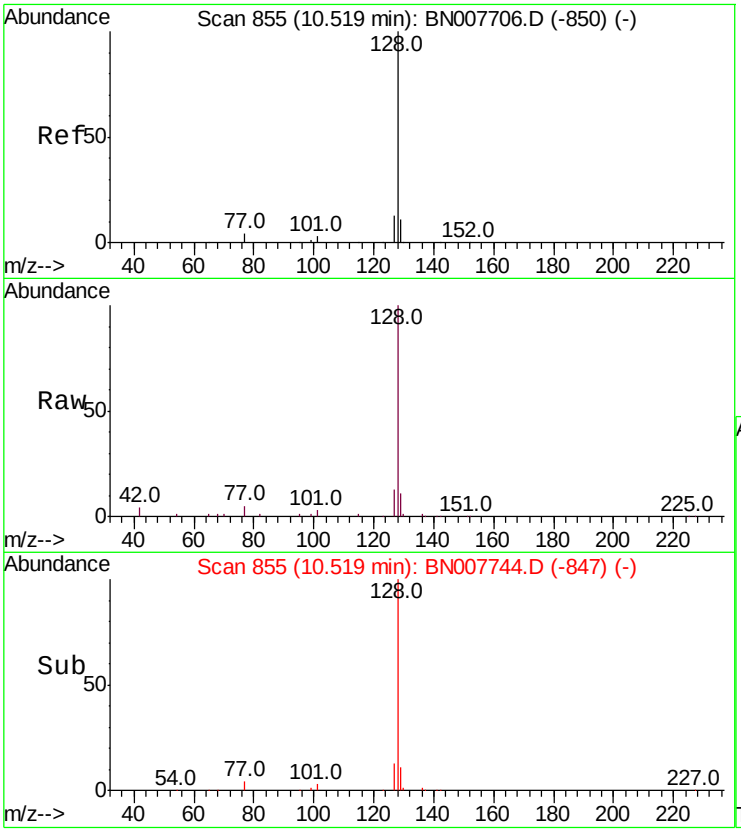


#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion: 82 Resp: 6355

Ion	Ratio	Lower	Upper
82	100		
128	31.9	24.5	36.7
54	43.2	35.2	52.8



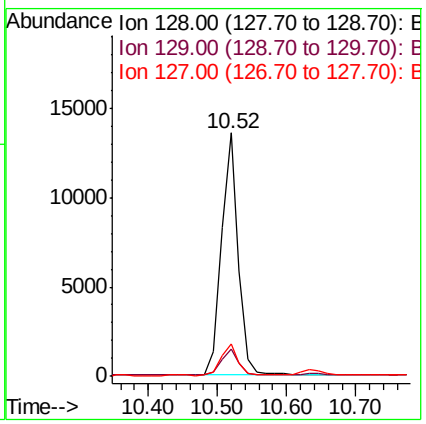


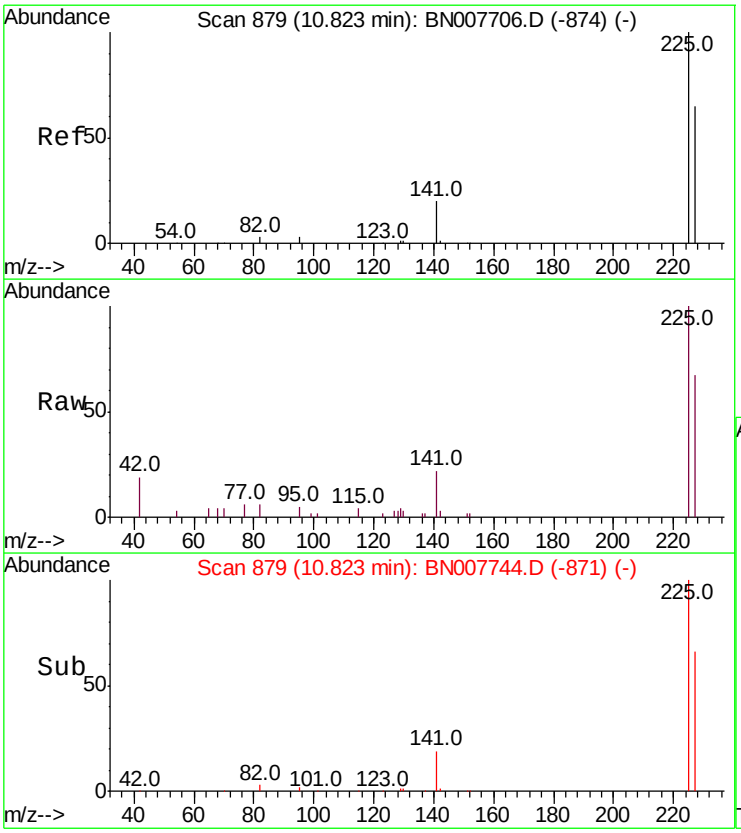
#9
Naphthalene
Concen: 0.318 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:128 Resp: 23130

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.2	10.6	15.8

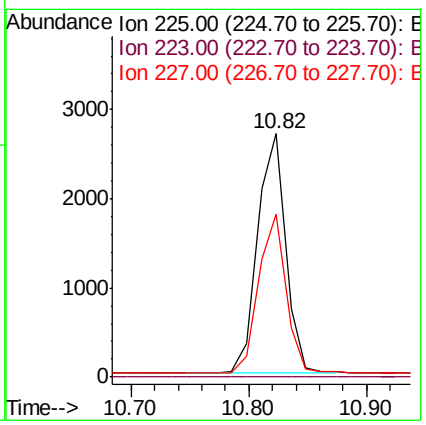


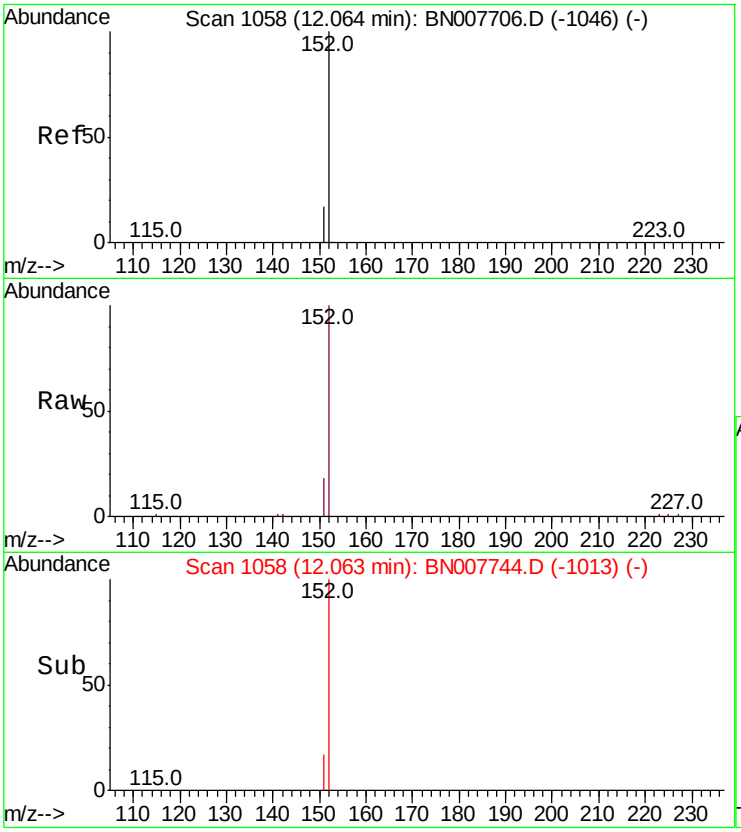


#10
Hexachlorobutadiene
Concen: 0.293 ng
RT: 10.82 min Scan# 879
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:225 Resp: 4486

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.0	51.2	76.8



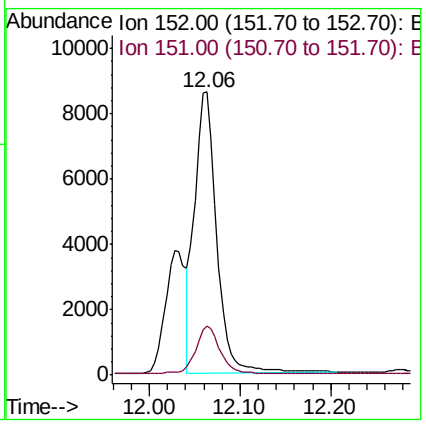


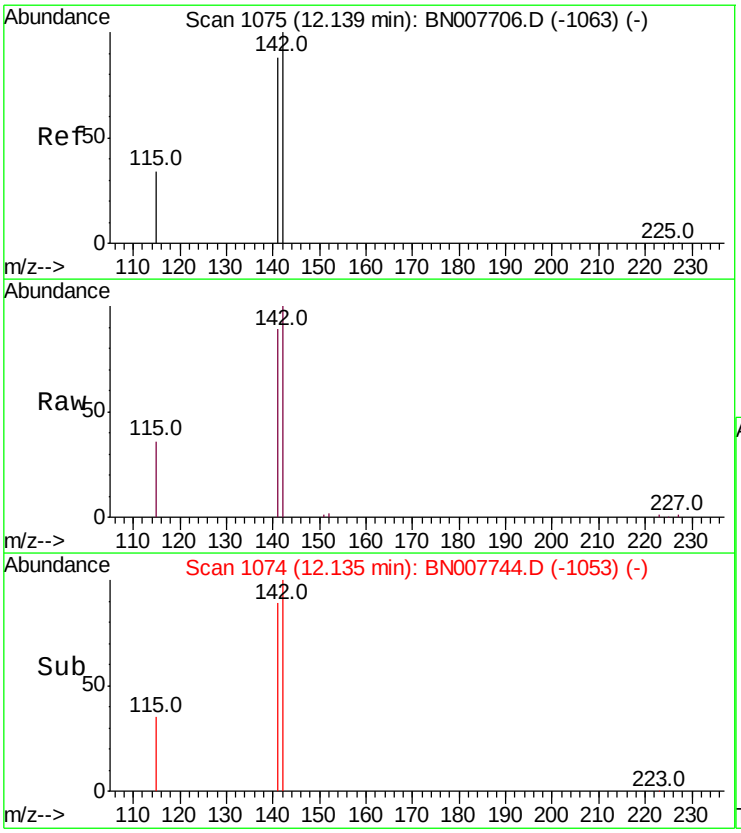
#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:152 Resp: 14560

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.2

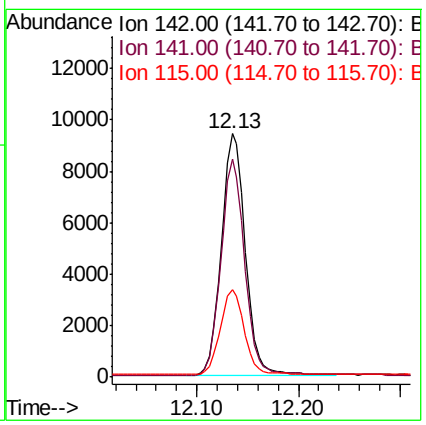


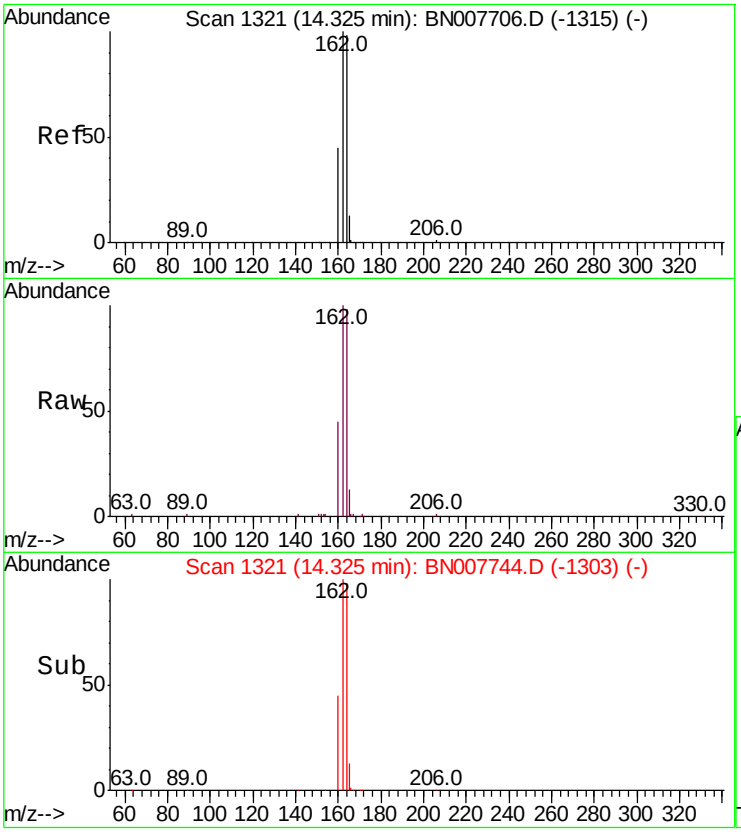


#12
2-Methylnaphthalene
Concen: 0.314 ng
RT: 12.13 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:142 Resp: 15468

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.6	106.0
115	35.8	28.3	42.5



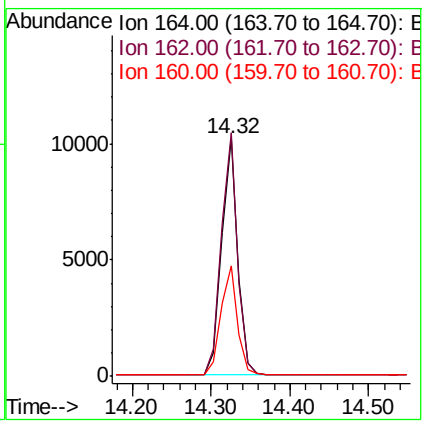


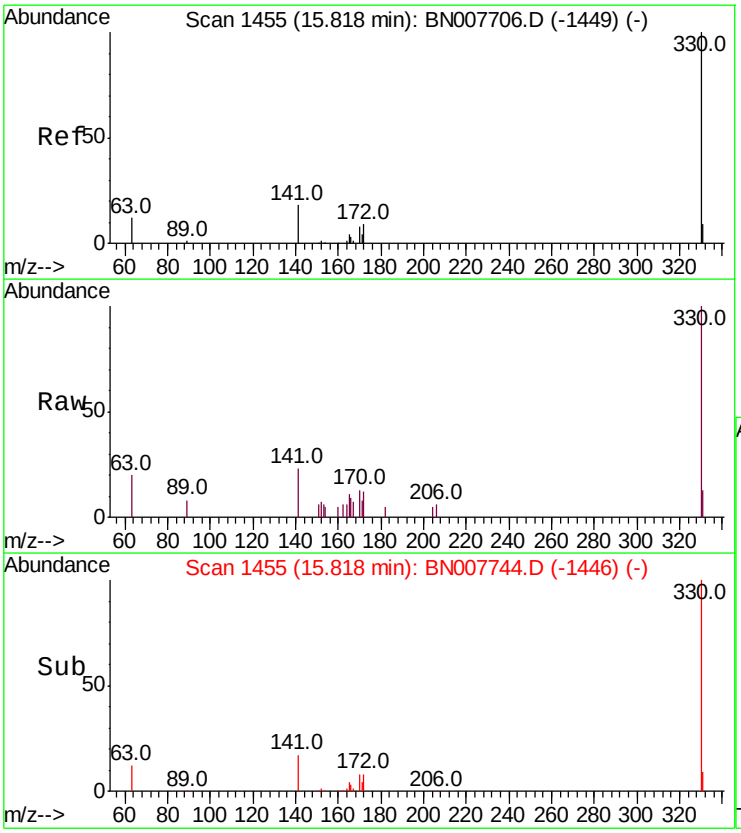
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:164 Resp: 14777

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.7	122.5
160	46.4	37.0	55.4

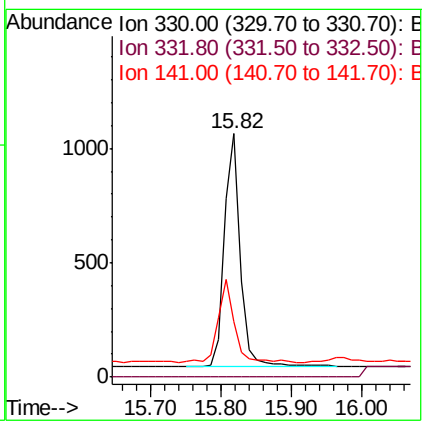


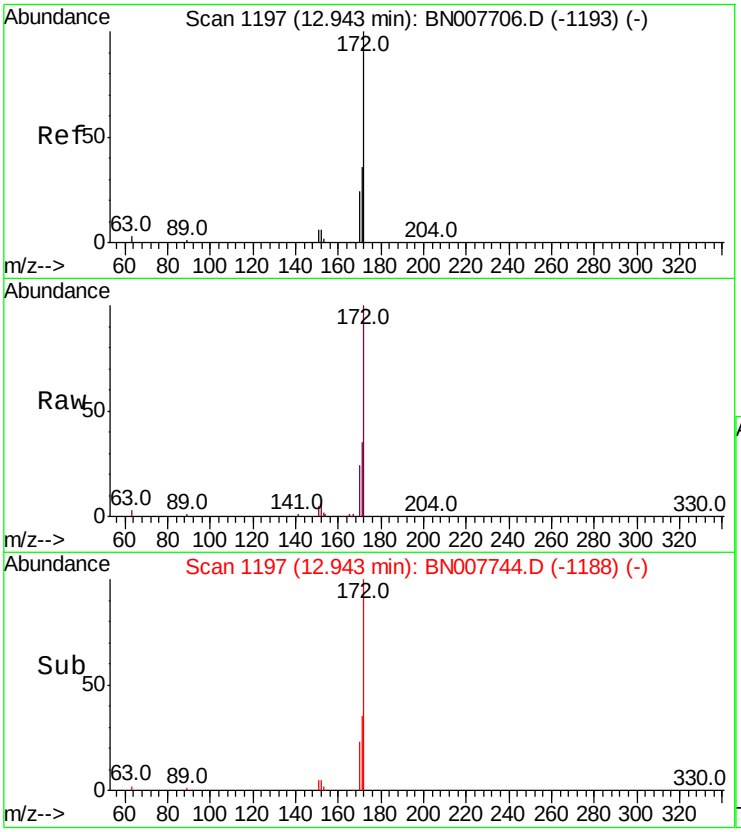


#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:330 Resp: 1622

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.6	28.7	43.1



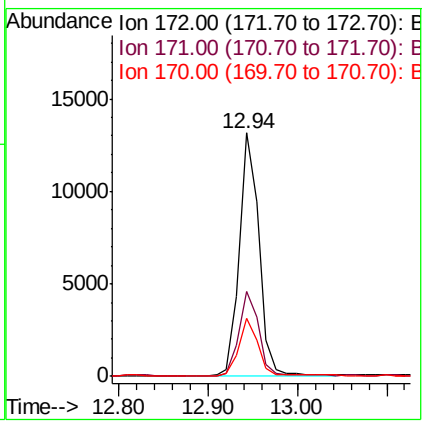


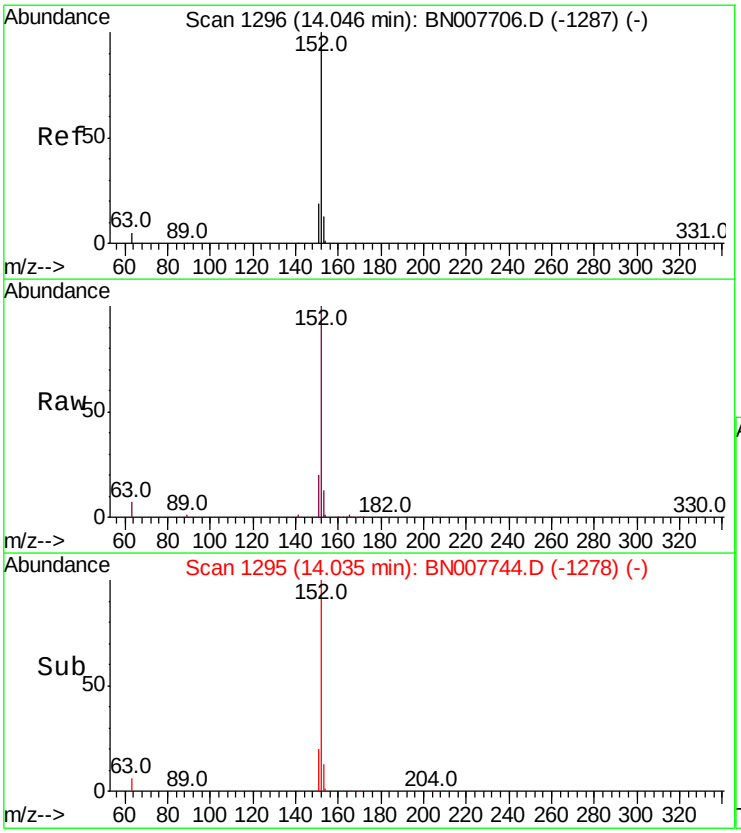
#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:172 Resp: 19893

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	23.8	19.5	29.3

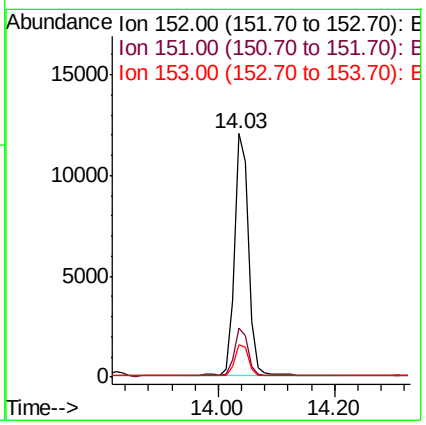


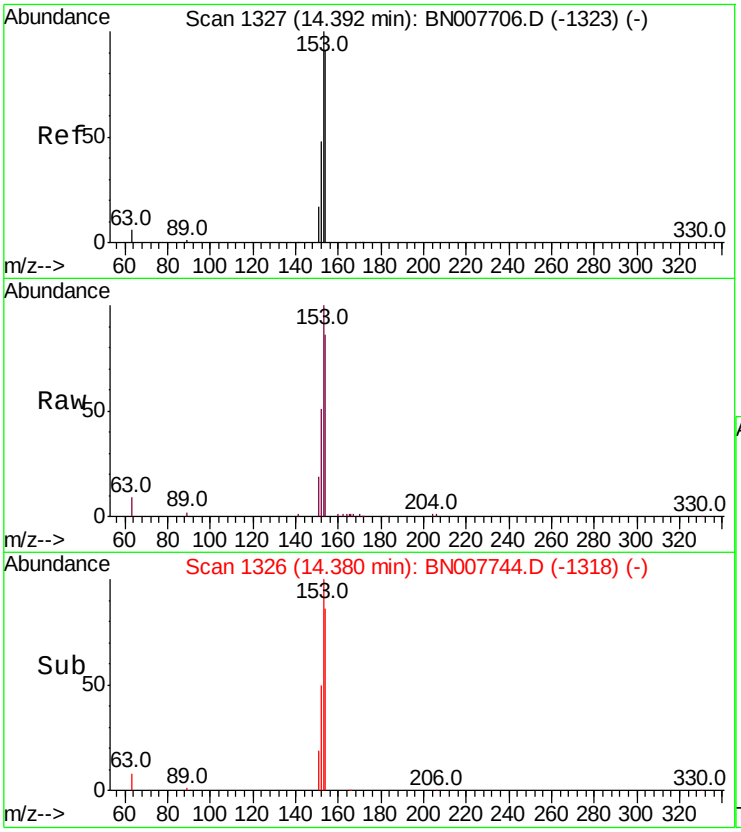


#16
Acenaphthylene
Concen: 0.261 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:152 Resp: 20478

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	12.9	10.4	15.6



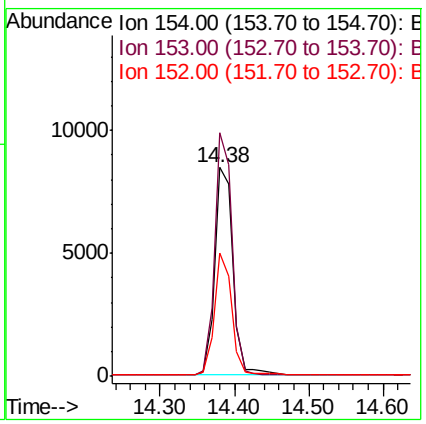


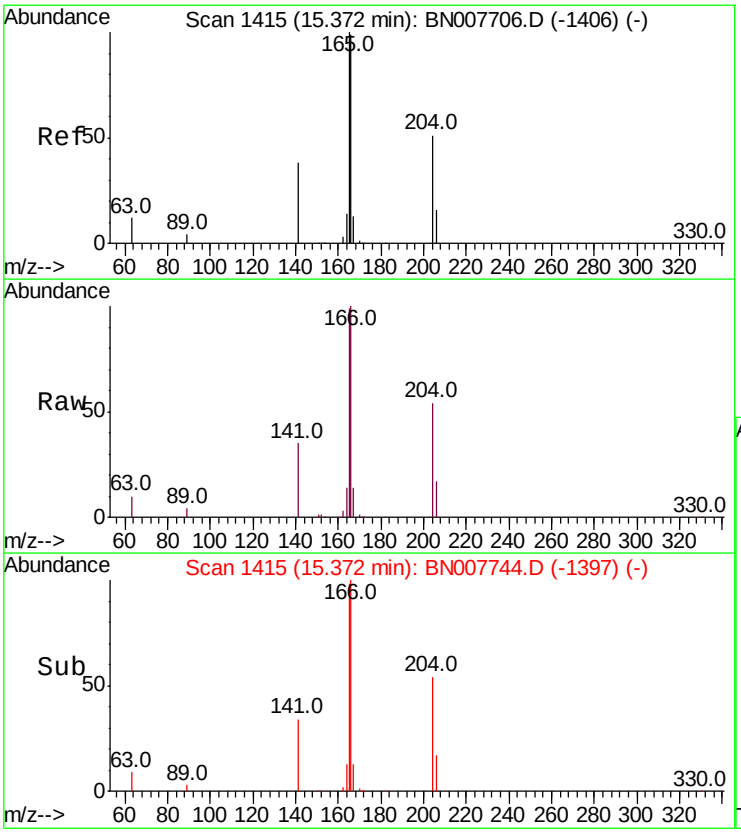
#17
Acenaphthene
Concen: 0.281 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:154 Resp: 14198

Ion	Ratio	Lower	Upper
154	100		
153	111.5	87.0	130.4
152	55.6	42.7	64.1

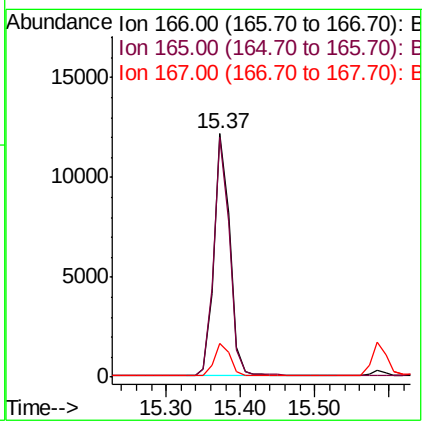


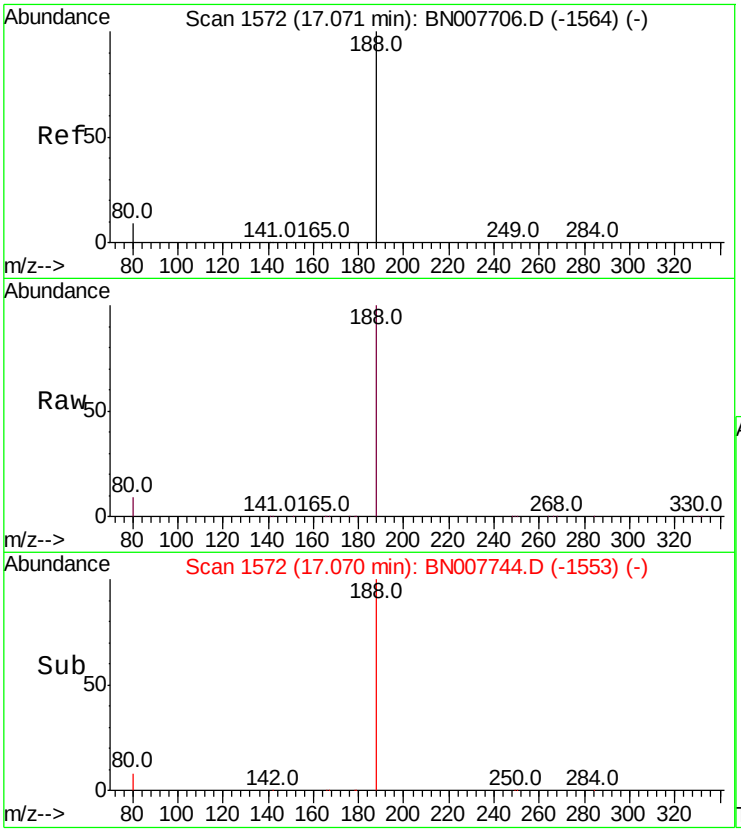


#18
Fluorene
Concen: 0.278 ng
RT: 15.37 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:166 Resp: 17991

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.0	117.0
167	13.8	10.9	16.3



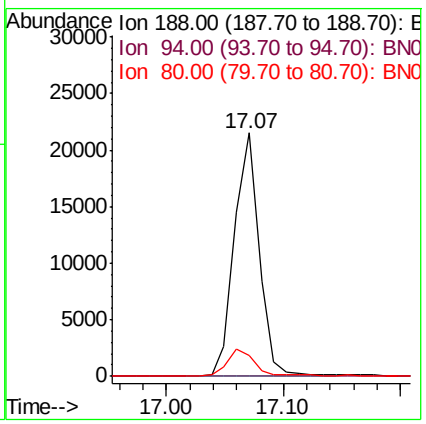


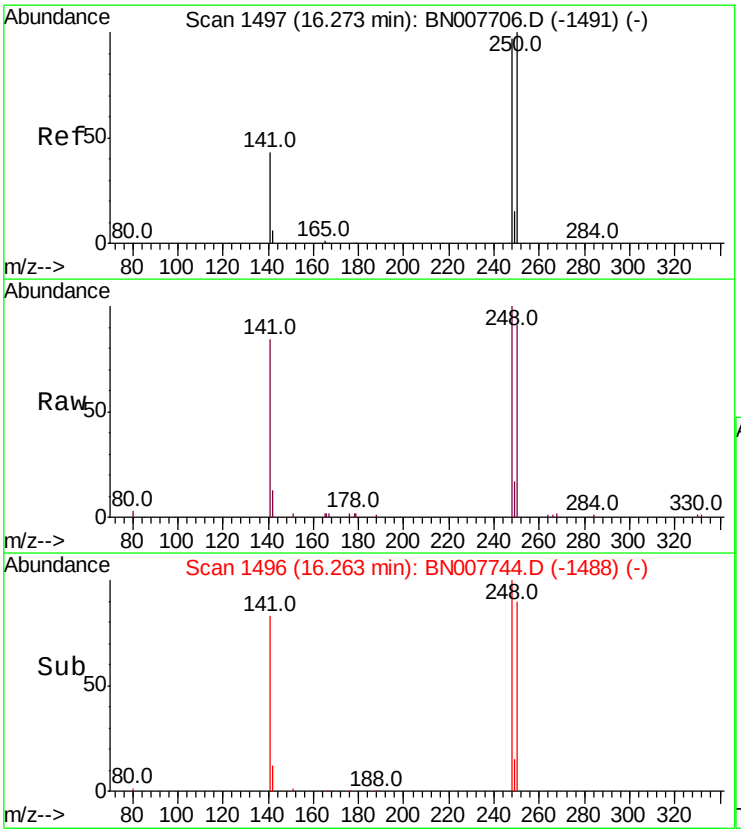
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:188 Resp: 31291

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.4	11.2

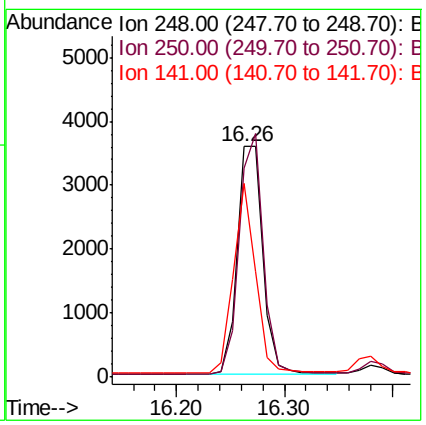


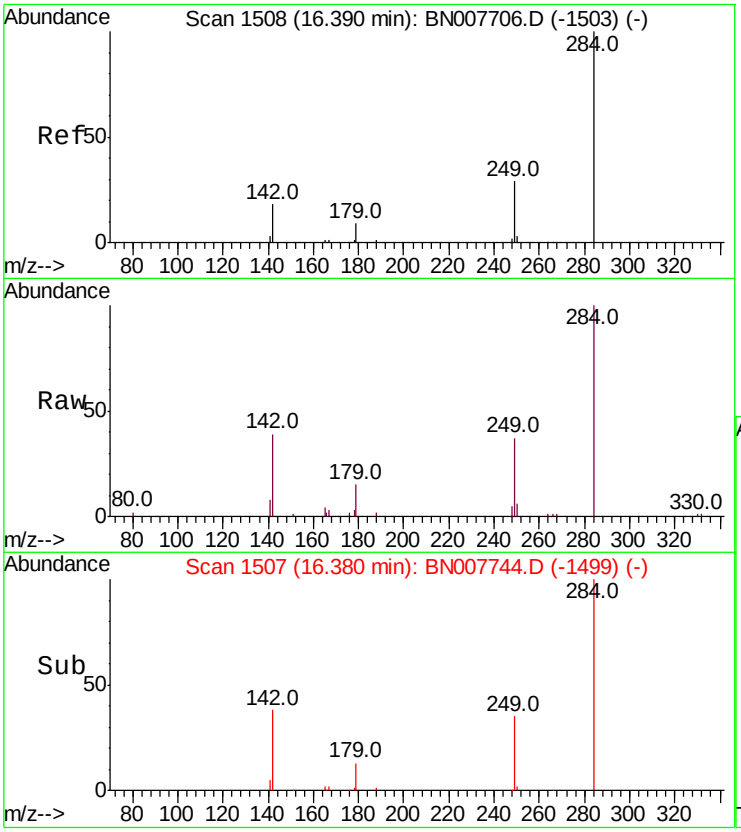


#20
4-Bromophenyl-phenylether
Concen: 0.308 ng
RT: 16.26 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:248 Resp: 5848

Ion	Ratio	Lower	Upper
248	100		
250	90.7	82.2	123.4
141	84.0	36.3	54.5#



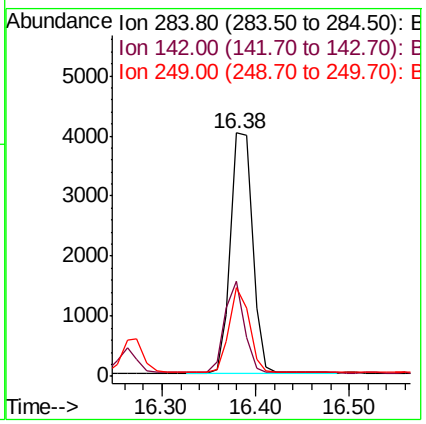


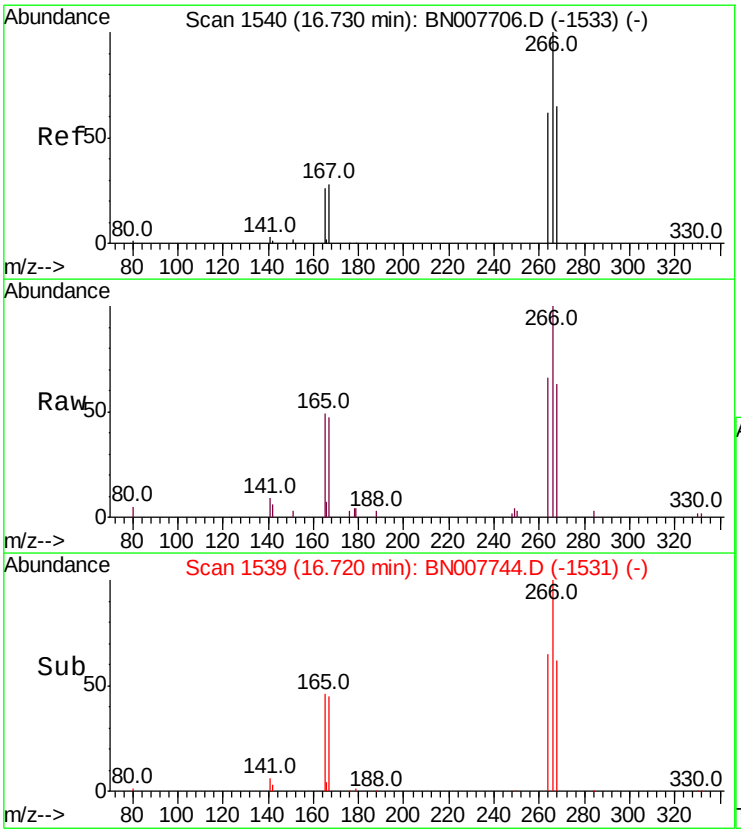
#21
Hexachlorobenzene
Concen: 0.315 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:284 Resp: 6535

Ion	Ratio	Lower	Upper
284	100		
142	34.2	25.8	38.6
249	32.0	25.9	38.9

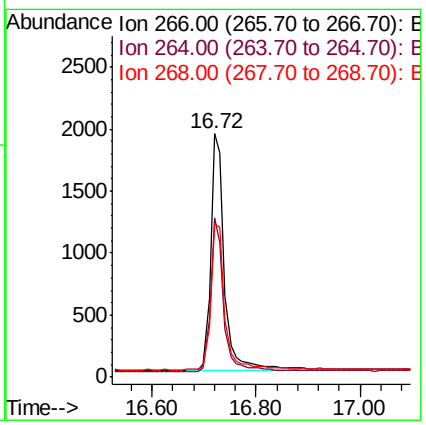


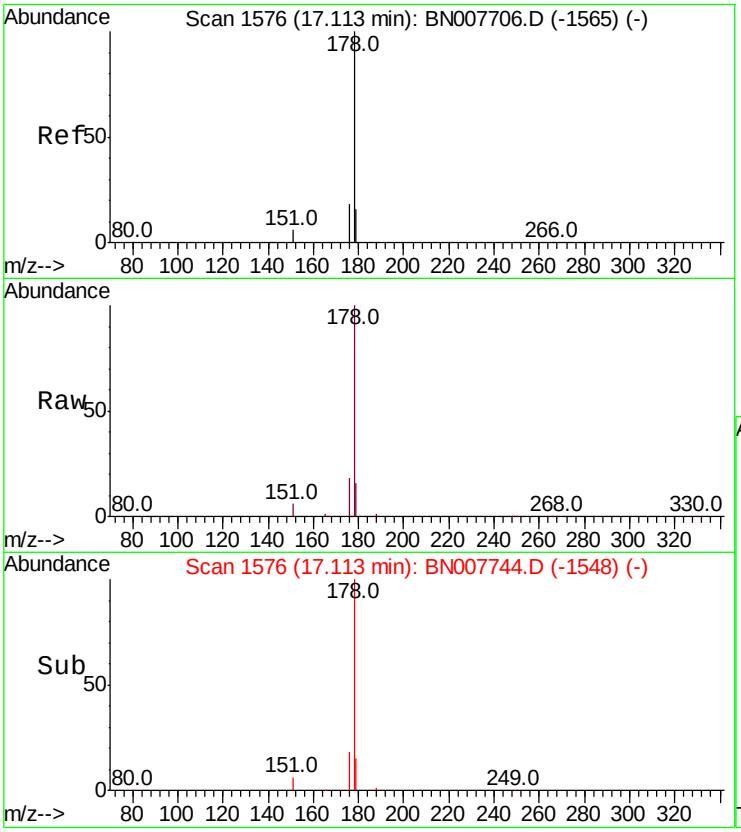


#22
Pentachlorophenol
Concen: 0.474 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:266 Resp: 3632

Ion	Ratio	Lower	Upper
266	100		
264	65.6	50.0	75.0
268	62.9	54.2	81.4



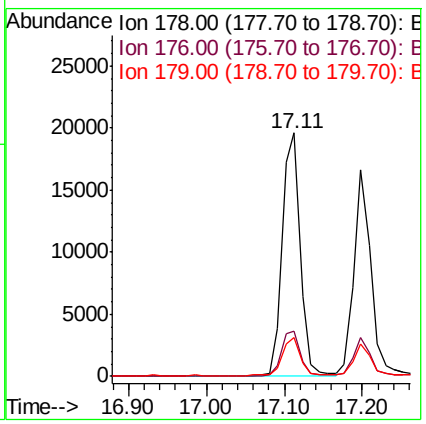


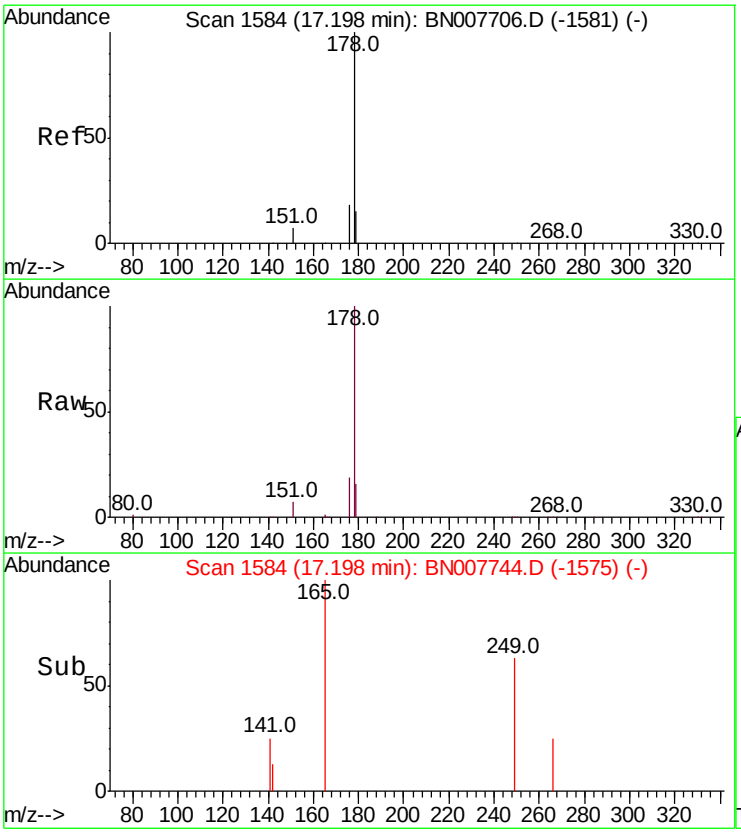
#23
Phenanthrene
Concen: 0.317 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:178 Resp: 30923

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

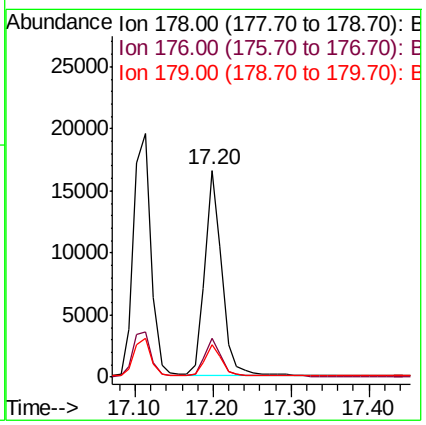


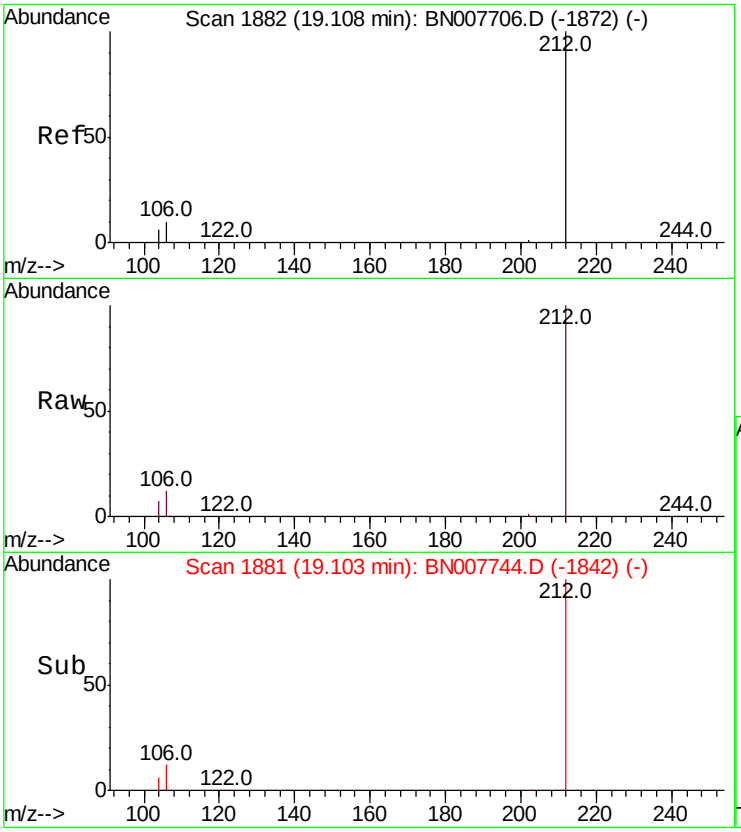


#24
Anthracene
Concen: 0.284 ng
RT: 17.20 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:178 Resp: 24967

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.1	12.2	18.4



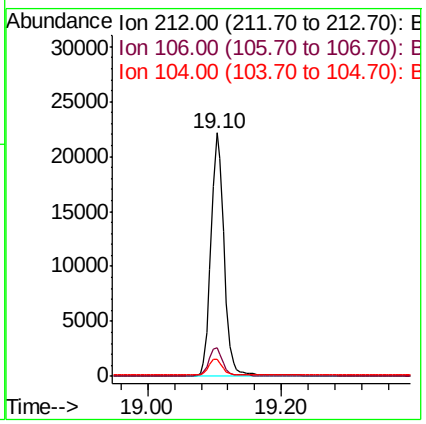


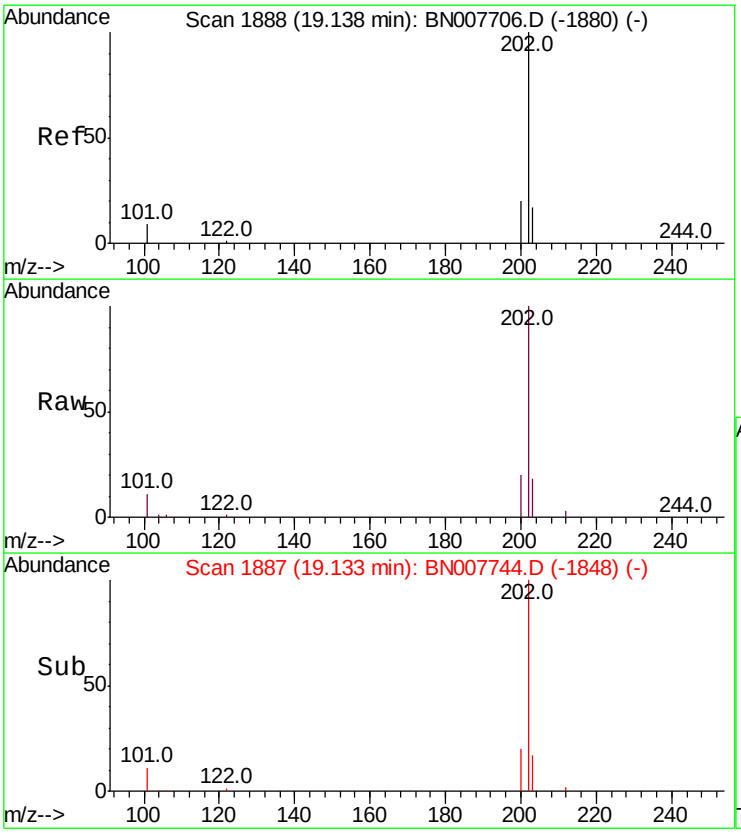
#25
Fluoranthene-d10
Concen: 0.285 ng
RT: 19.10 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:212 Resp: 30084

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.4	14.0
104	6.6	5.3	7.9

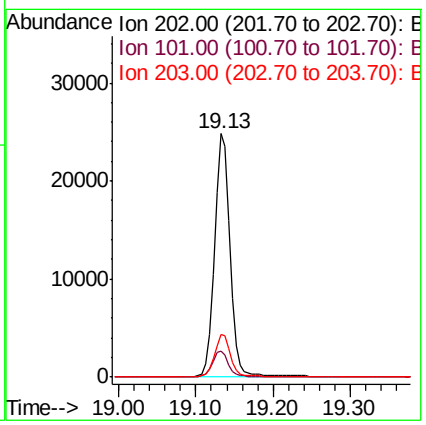


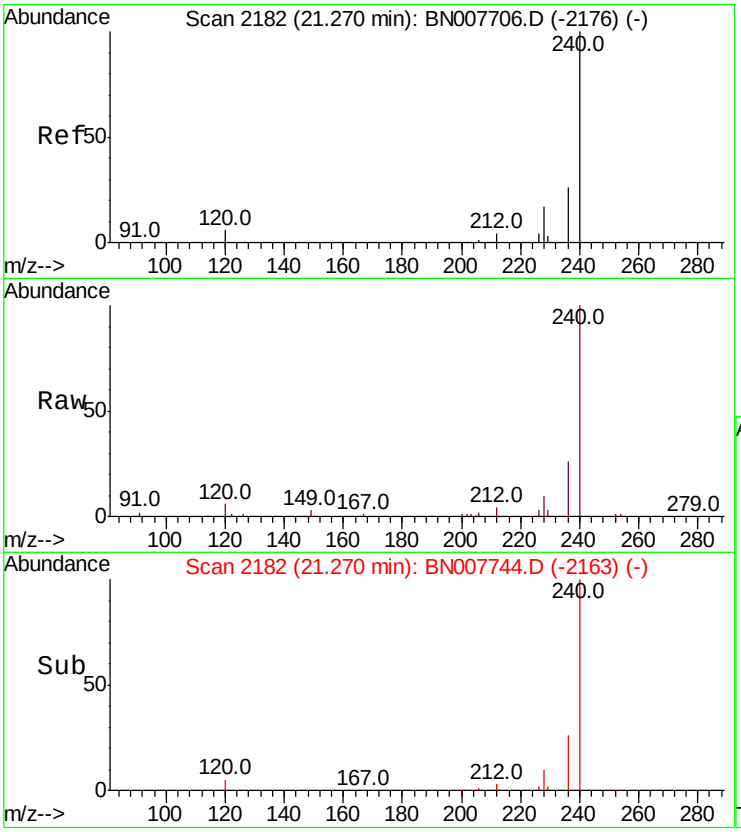


#26
Fluoranthene
Concen: 0.280 ng
RT: 19.13 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:202 Resp: 33991

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.4	12.6
203	17.4	13.8	20.8



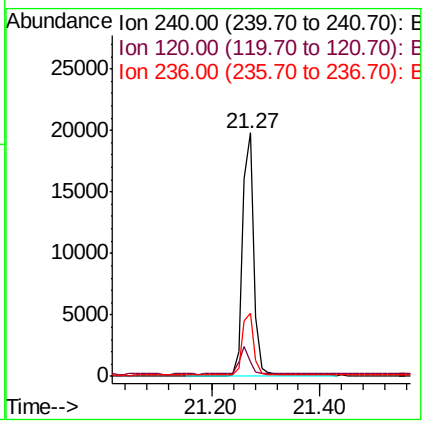


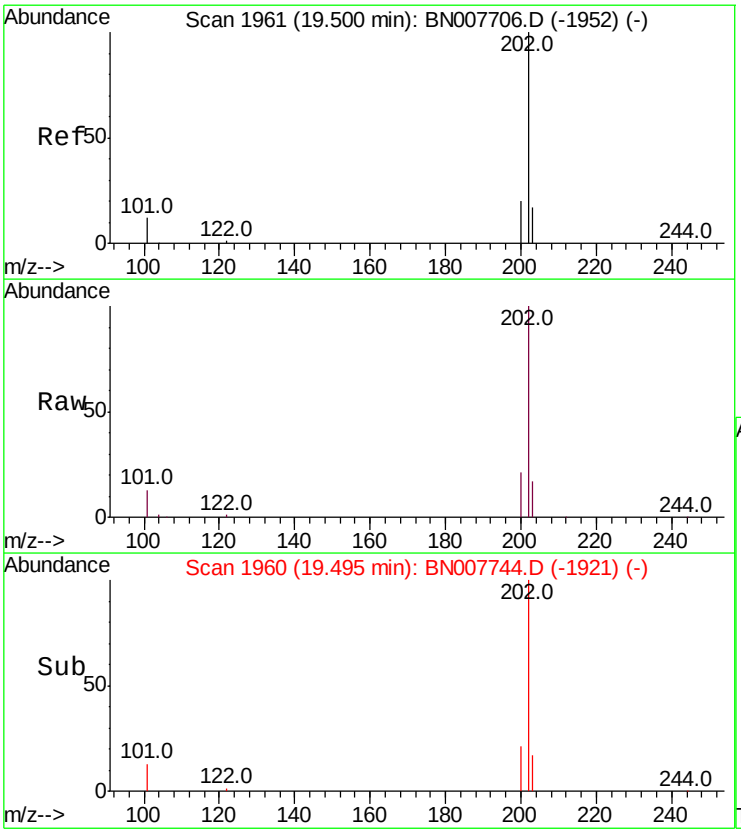
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:240 Resp: 28038

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

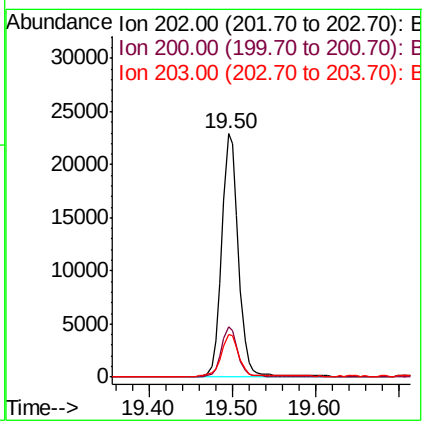


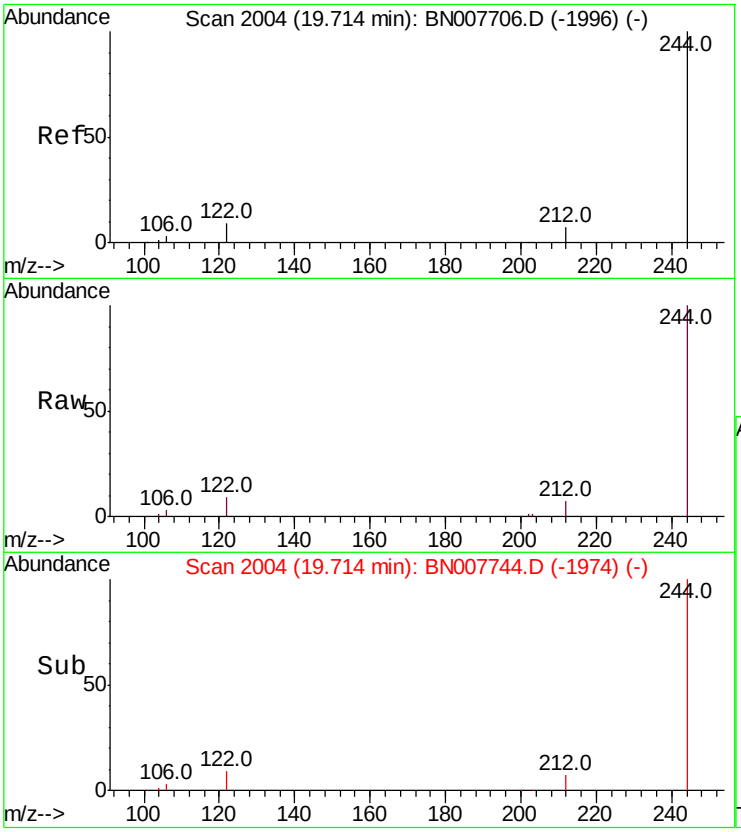


#28
Pyrene
Concen: 0.328 ng
RT: 19.50 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:202 Resp: 31354

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.9	14.1	21.1



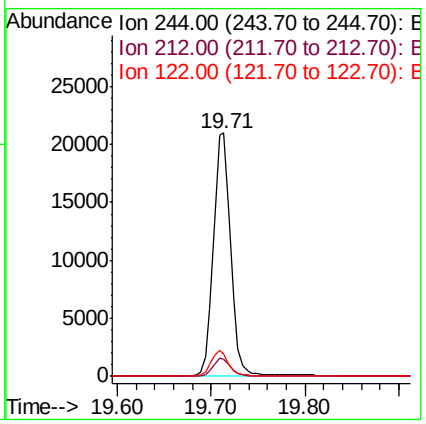


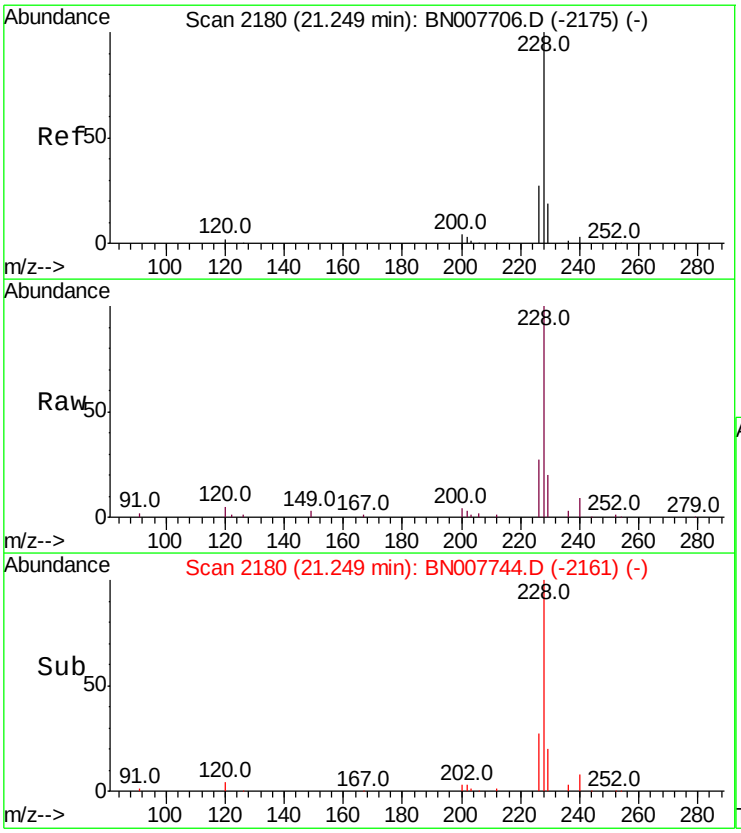
#29
Terphenyl-d14
Concen: 0.383 ng
RT: 19.71 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:244 Resp: 26378

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.0	7.4	11.2

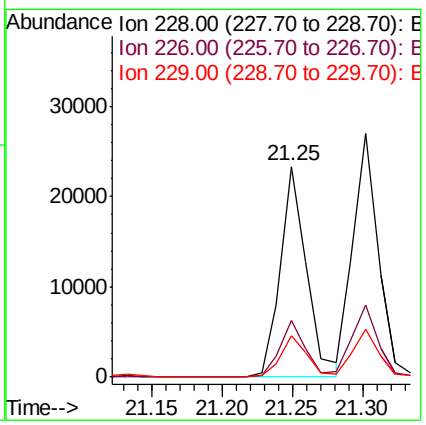


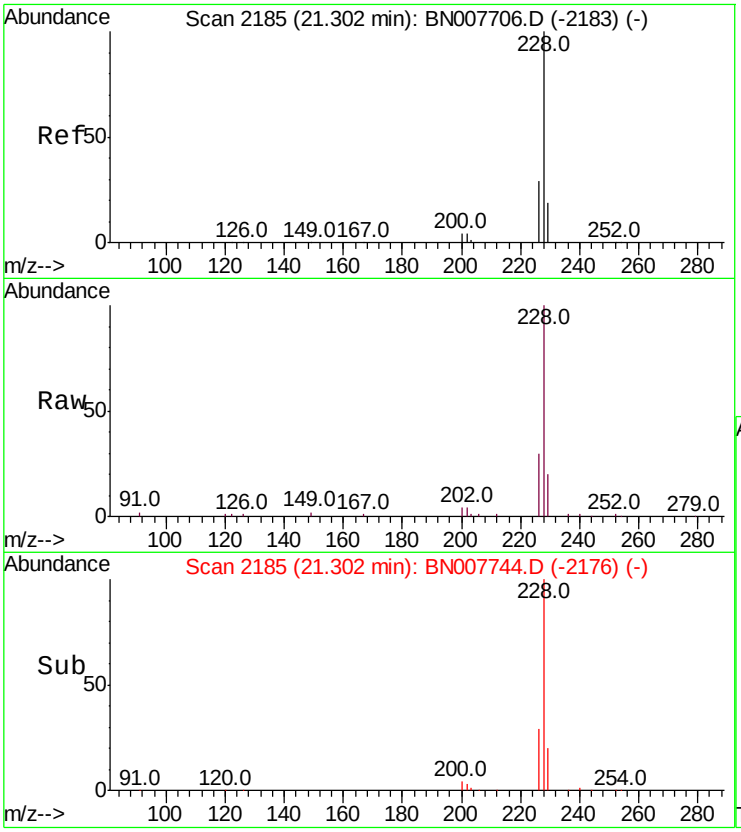


#30
Benzo(a)anthracene
Concen: 0.296 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:228 Resp: 30550

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.9	15.8	23.6



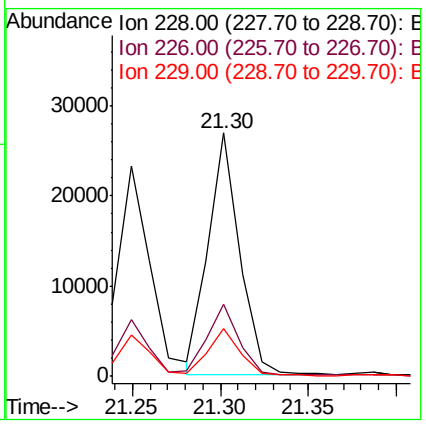


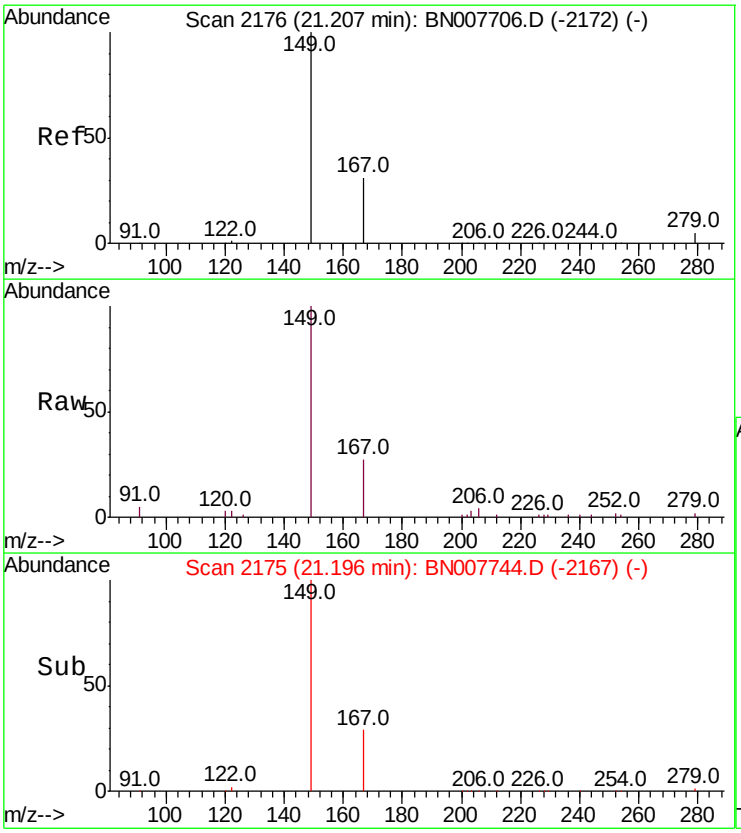
#31
Chrysene
Concen: 0.329 ng
RT: 21.30 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:228 Resp: 33109

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	19.9	15.8	23.6

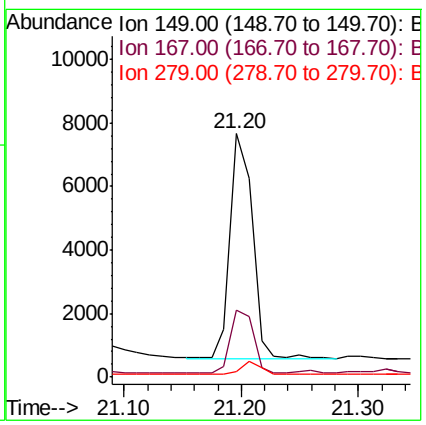


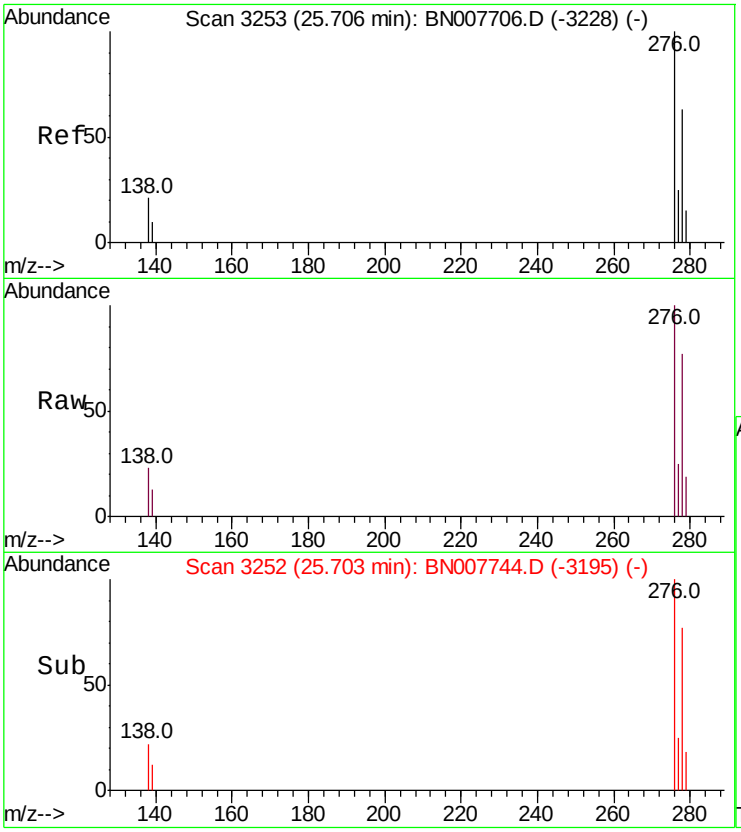


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.175 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:149 Resp: 9267

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.7	35.5
279	5.0	4.2	6.2



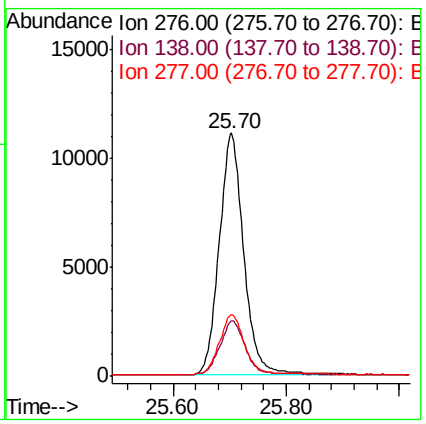


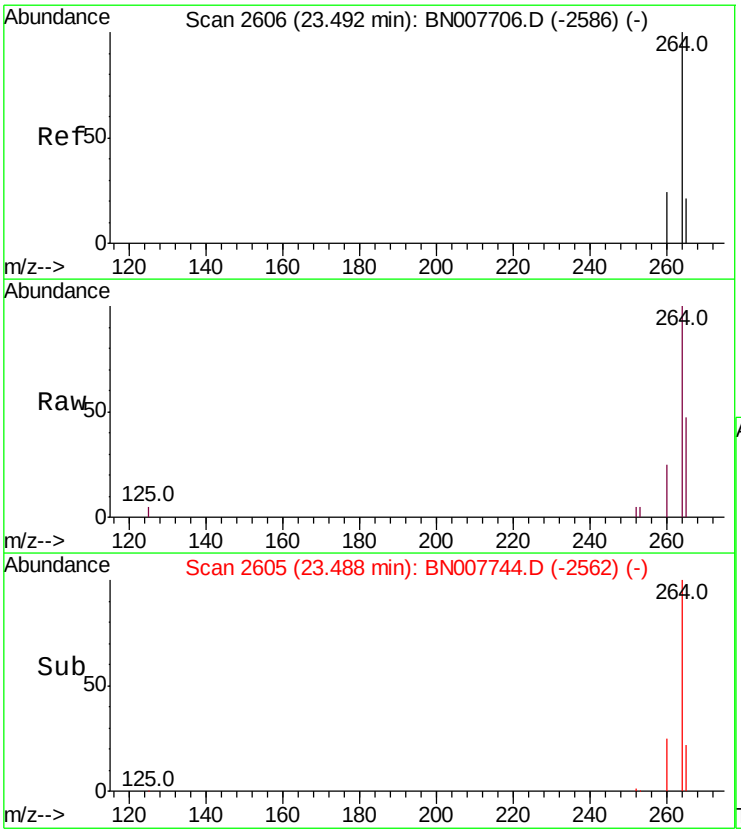
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.265 ng
RT: 25.70 min Scan# 3252
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:276 Resp: 33338

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.1	25.7
277	24.9	20.0	30.0

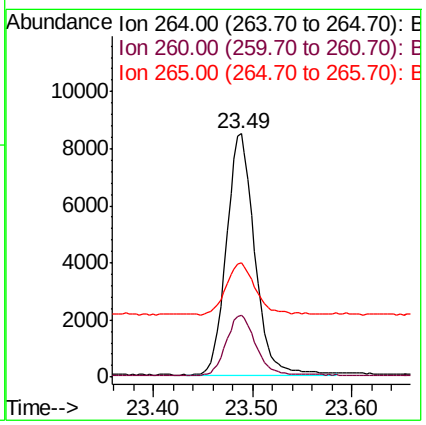


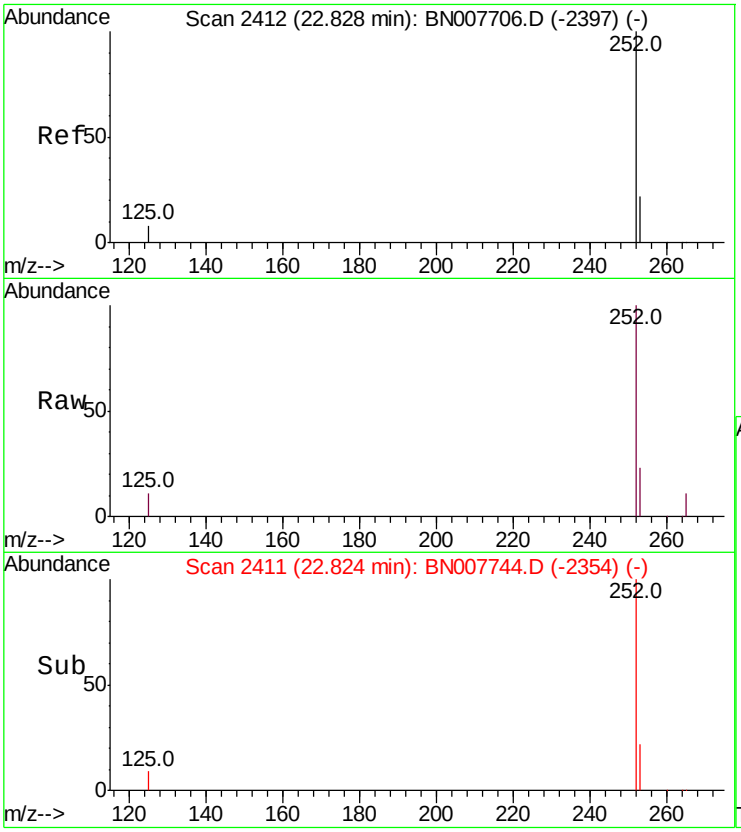


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2605
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:264 Resp: 16634

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	47.0	26.9	40.3#



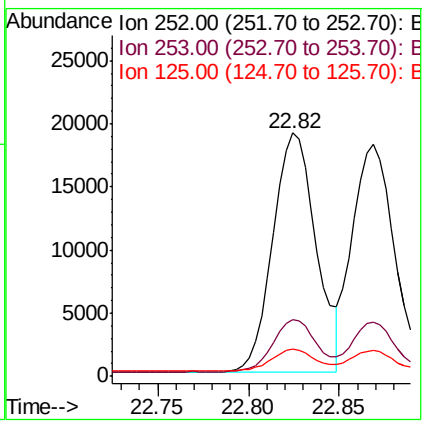


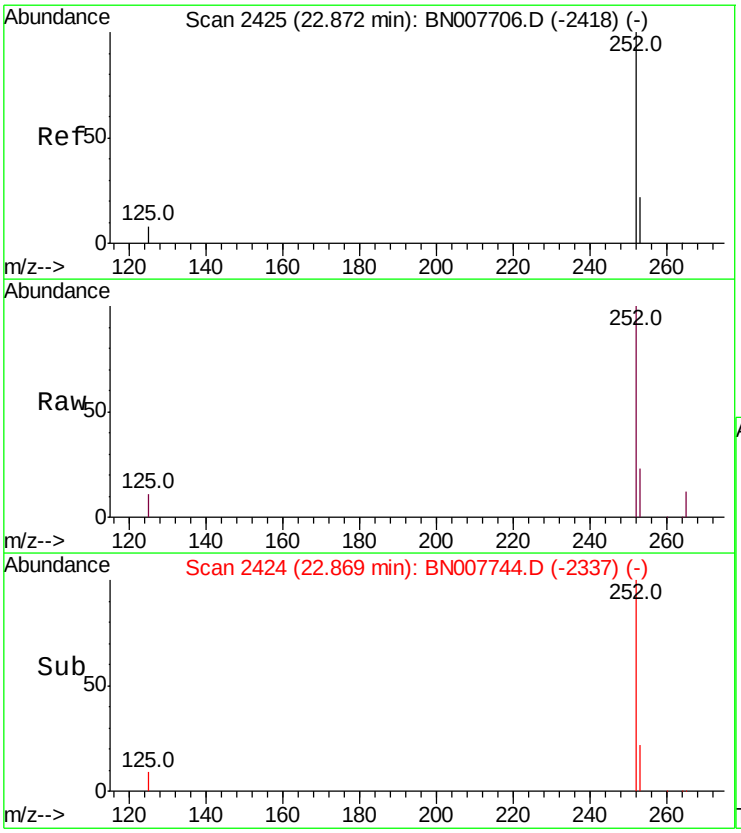
#35
Benzo(b)fluoranthene
Concen: 0.546 ng
RT: 22.82 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:252 Resp: 31552

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	11.2	8.2	12.4

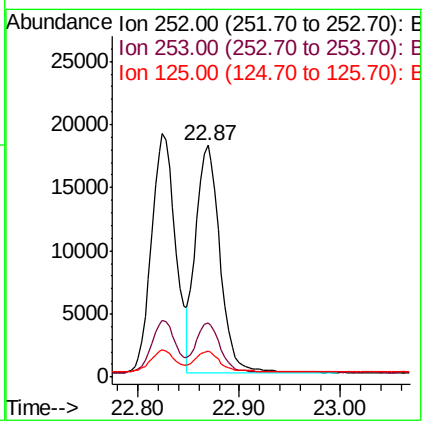


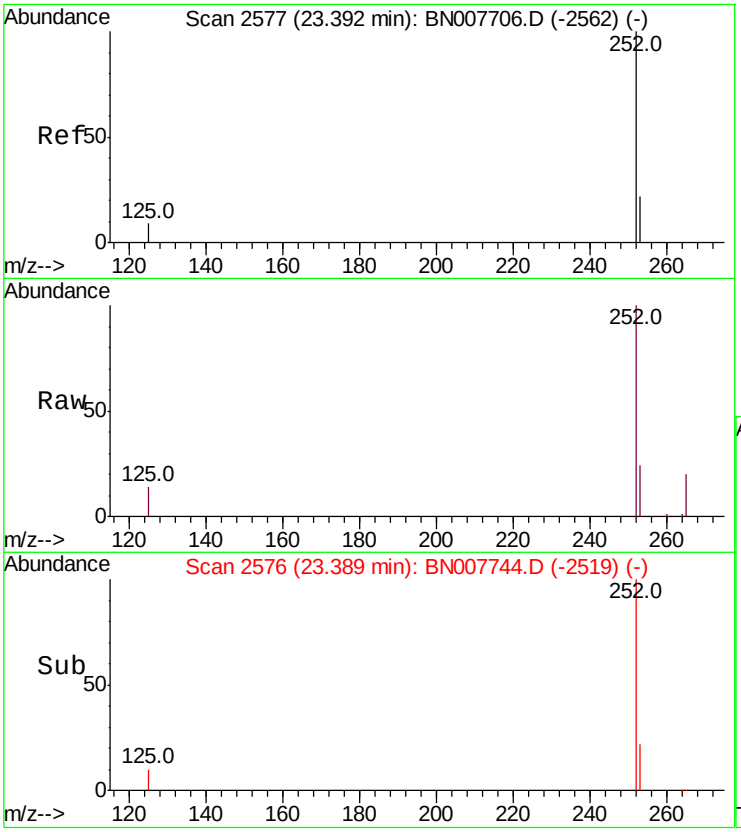


#36
Benzo(k)fluoranthene
Concen: 0.524 ng
RT: 22.87 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:252 Resp: 29925

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	11.0	8.4	12.6



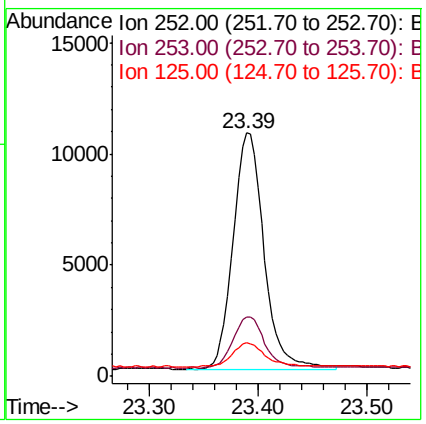


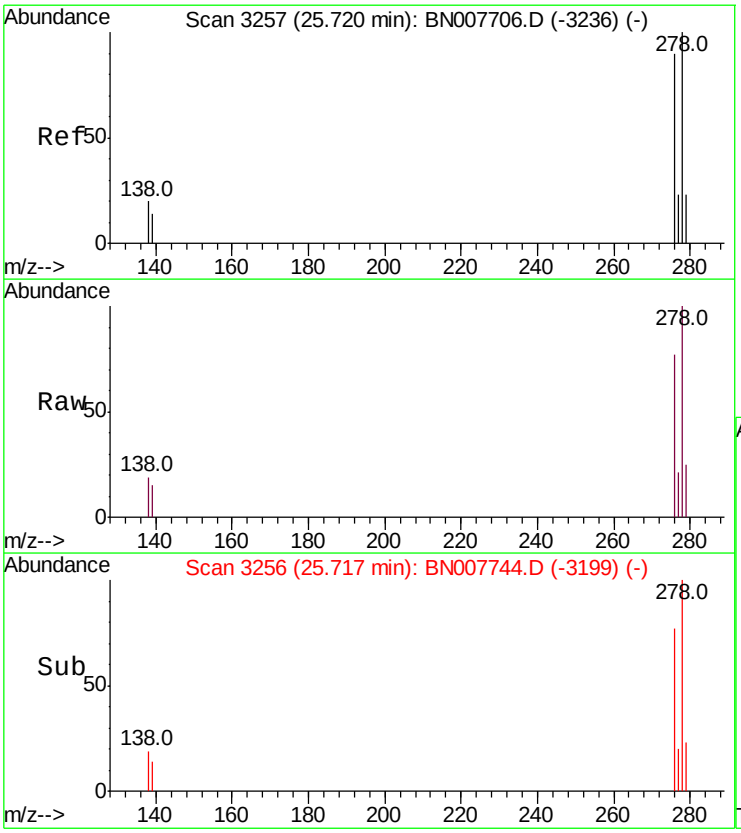
#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.39 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:252 Resp: 20952

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	27.8
125	13.7	9.4	14.0

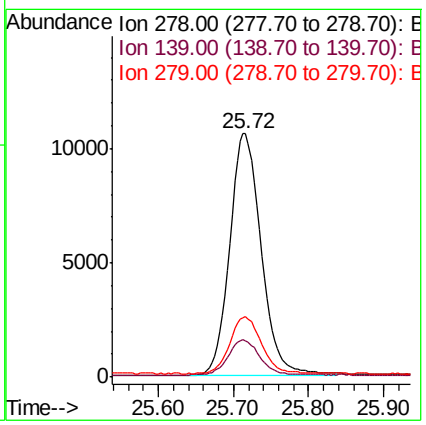


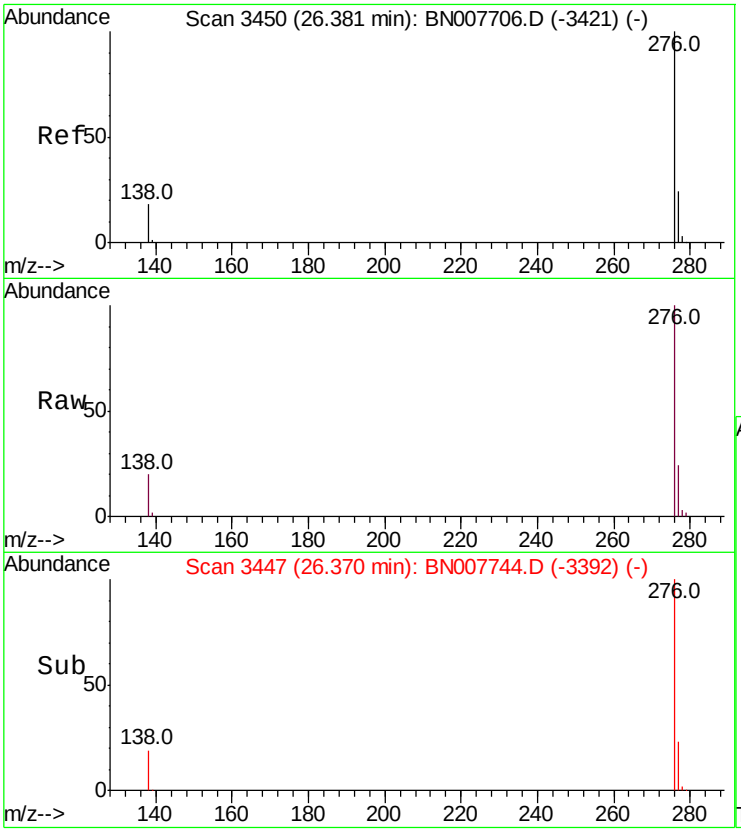


#38
Dibenzo(a,h)anthracene
Concen: 0.543 ng
RT: 25.72 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion:278 Resp: 30145

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.8	17.6
279	24.7	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.522 ng
RT: 26.37 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tgt Ion:276 Resp: 28672

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.8
138	19.9	15.1	22.7