Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017360.D
Acq On : 09 Nov 2021 22:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 10 11:21:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 10 11:00:44 2021
Response via : Initial Calibration

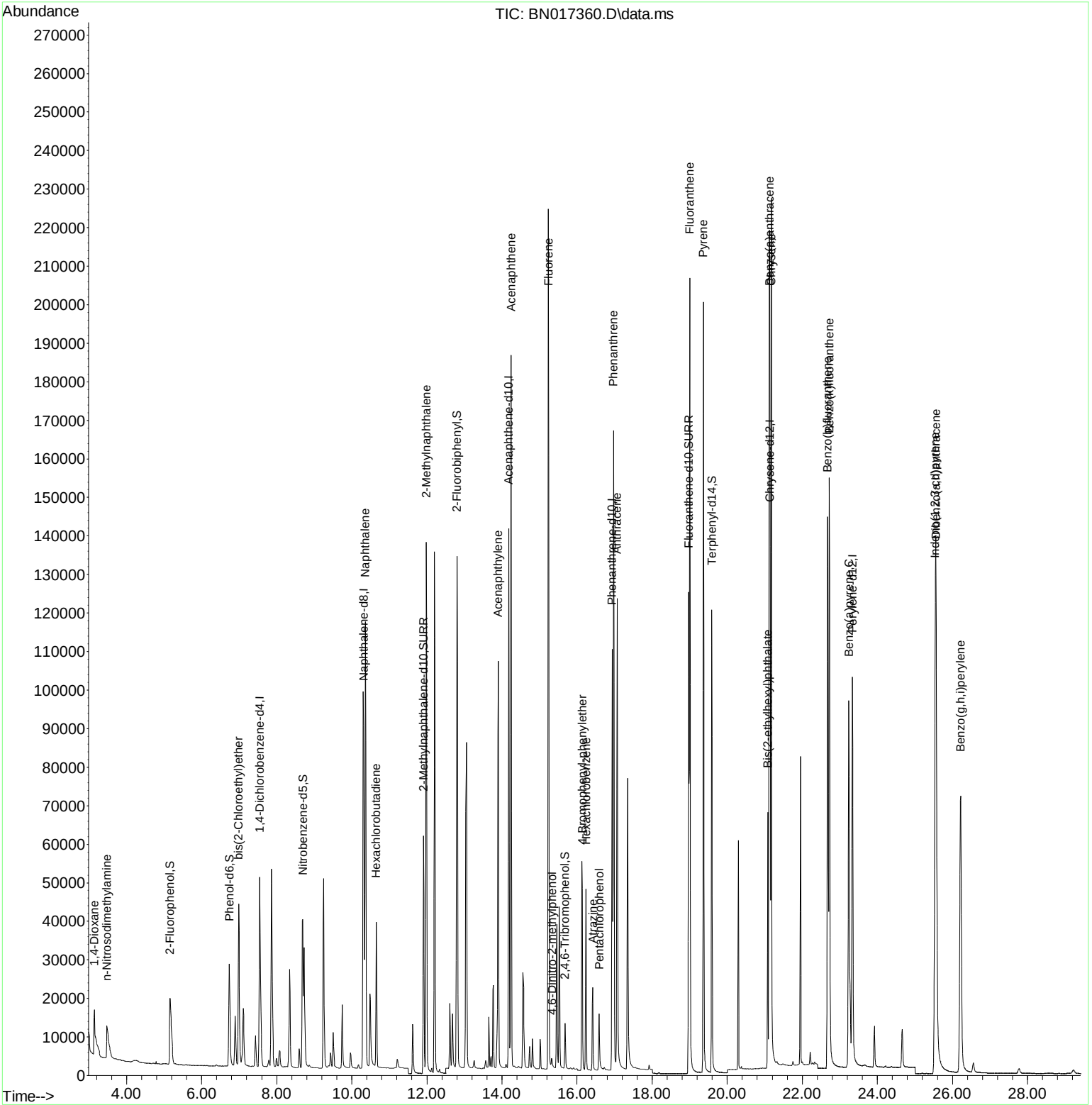
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	31773	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	143570	0.400	ng		0.01
13) Acenaphthene-d10	14.181	164	75882	0.400	ng		0.00
19) Phenanthrene-d10	16.934	188	140161	0.400	ng		0.00
29) Chrysene-d12	21.144	240	136292	0.400	ng		0.01
35) Perylene-d12	23.335	264	131207	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	29719	0.406	ng		0.00
5) Phenol-d6	6.740	99	32925	0.408	ng		0.00
8) Nitrobenzene-d5	8.697	82	37620	0.437	ng		0.01
11) 2-Methylnaphthalene-d10	11.911	152	85289	0.404	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	9120	0.322	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	124370	0.431	ng		0.00
27) Fluoranthene-d10	18.975	212	145820	0.408	ng		0.00
31) Terphenyl-d14	19.591	244	127413	0.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.144	88	7444	0.418	ng	#	89
3) n-Nitrosodimethylamine	3.476	42	12189	0.447	ng		99
6) bis(2-Chloroethyl)ether	6.989	93	36345	0.427	ng		99
9) Naphthalene	10.357	128	156302	0.413	ng		100
10) Hexachlorobutadiene	10.649	225	30304	0.409	ng	#	100
12) 2-Methylnaphthalene	11.986	142	101855	0.409	ng		99
16) Acenaphthylene	13.902	152	127099	0.411	ng		100
17) Acenaphthene	14.245	154	87752	0.412	ng		100
18) Fluorene	15.234	166	97726	0.384	ng		99
20) 4,6-Dinitro-2-methylph...	15.336	198	2215	0.311	ng		96
21) 4-Bromophenyl-phenylether	16.143	248	30072	0.383	ng	#	62
22) Hexachlorobenzene	16.240	284	34473	0.392	ng		100
23) Atrazine	16.423	200	19333	0.364	ng		100
24) Pentachlorophenol	16.593	266	8357	0.411	ng		99
25) Phenanthrene	16.970	178	169033	0.421	ng		100
26) Anthracene	17.068	178	135702	0.406	ng		100
28) Fluoranthene	19.005	202	184945	0.427	ng		100
30) Pyrene	19.367	202	180634	0.410	ng		100
32) Benzo(a)anthracene	21.123	228	167625	0.405	ng		100
33) Chrysene	21.176	228	182170	0.414	ng		100
34) Bis(2-ethylhexyl)phtha...	21.080	149	56146	0.385	ng		100
36) Indeno(1,2,3-cd)pyrene	25.543	276	184190	0.401	ng		99
37) Benzo(b)fluoranthene	22.675	252	176651	0.412	ng		100
38) Benzo(k)fluoranthene	22.719	252	180030	0.420	ng	#	97
39) Benzo(a)pyrene	23.239	252	153749	0.405	ng		99
40) Dibenzo(a,h)anthracene	25.564	278	146731	0.397	ng		99
41) Benzo(g,h,i)perylene	26.217	276	155140	0.389	ng		100

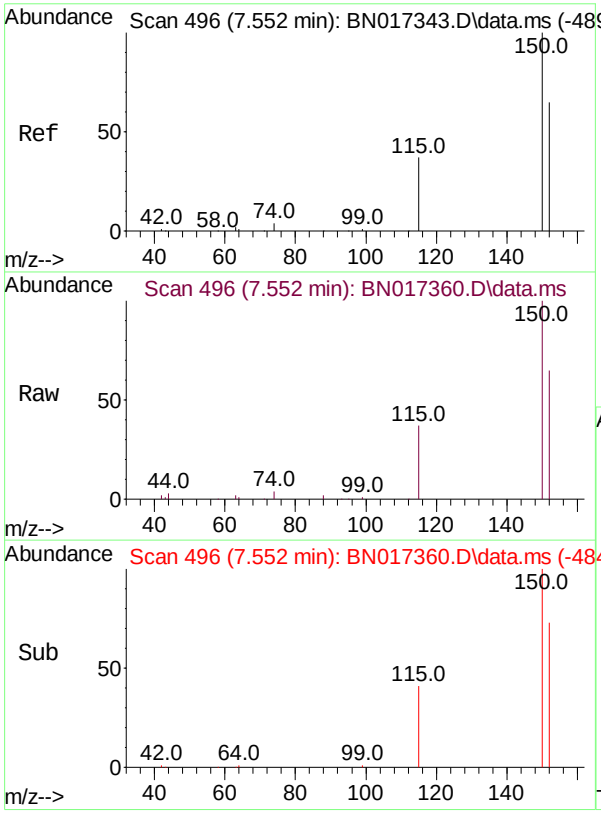
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017360.D
Acq On : 09 Nov 2021 22:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 10 11:21:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 10 11:00:44 2021
Response via : Initial Calibration



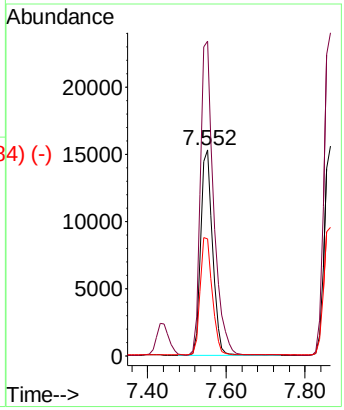


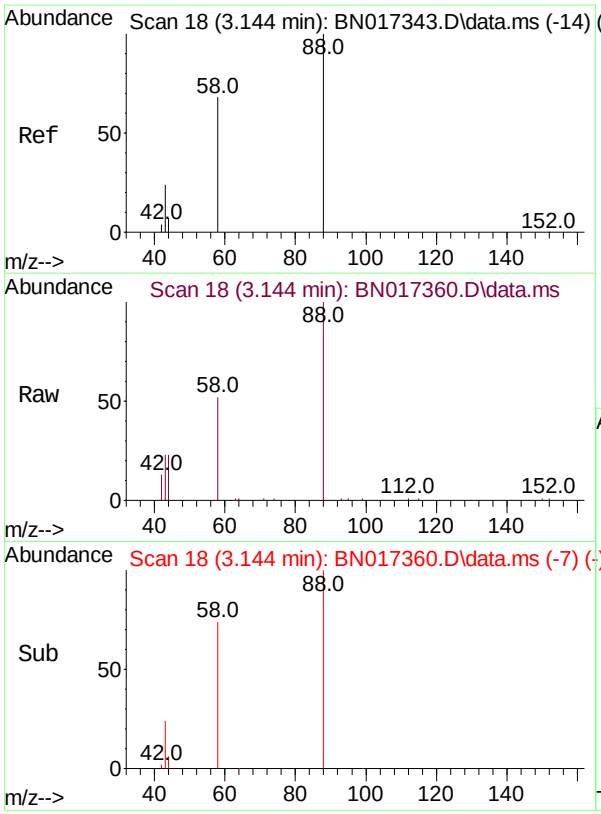
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 4
Delta R.T. 0.010 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 31773

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.0	184.4
115	56.9	45.6	68.4

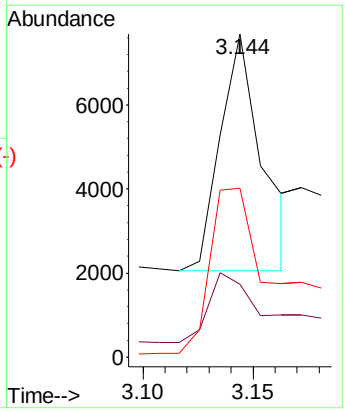


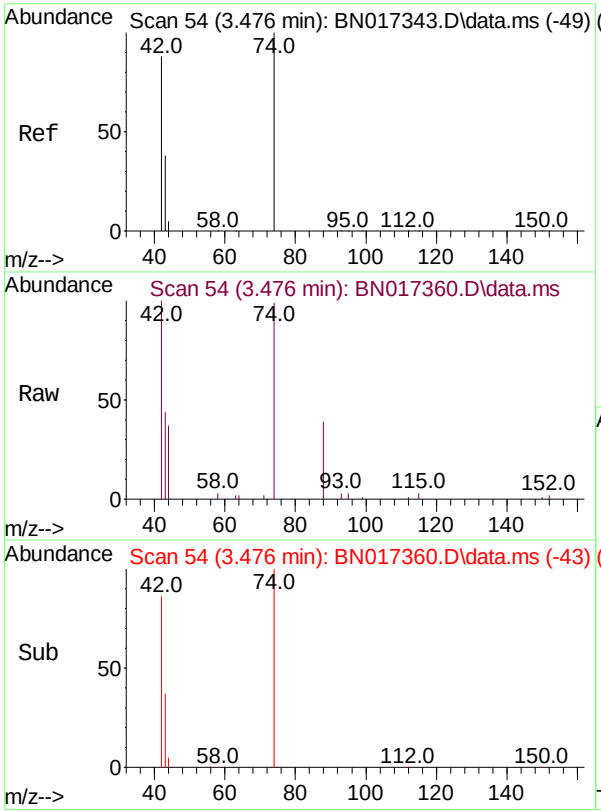


#2
1,4-Dioxane
Concen: 0.418 ng
RT: 3.144 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion: 88 Resp: 7444

Ion	Ratio	Lower	Upper
88	100		
43	39.2	24.7	37.1#
58	87.5	63.0	94.6



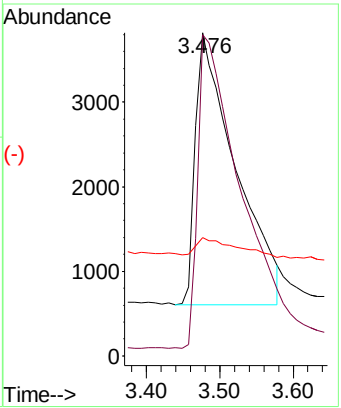


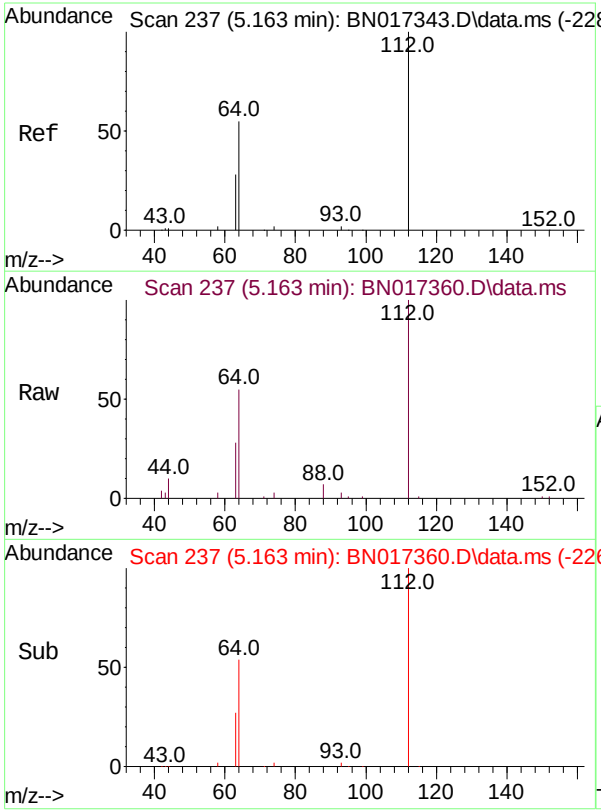
#3
n-Nitrosodimethylamine
Concen: 0.447 ng
RT: 3.476 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 12189

Ion	Ratio	Lower	Upper
42	100		
74	120.8	97.8	146.6
44	7.2	5.5	8.3

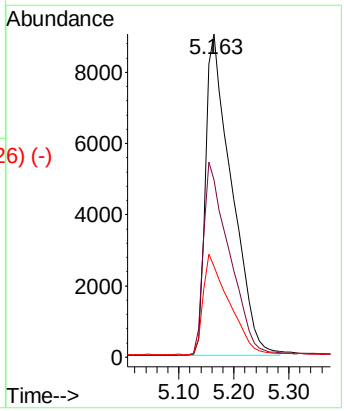


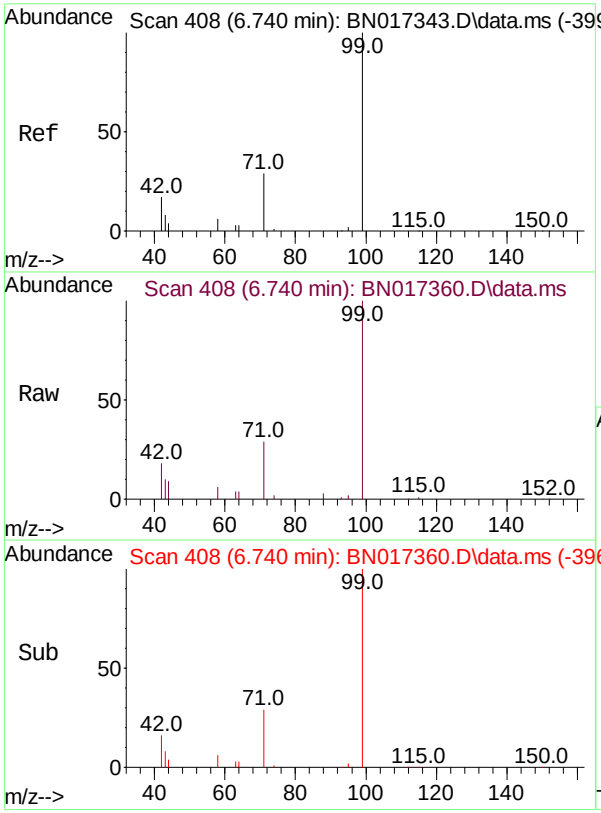


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.163 min Scan# 237
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:112 Resp: 29719

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	30.6	24.6	37.0



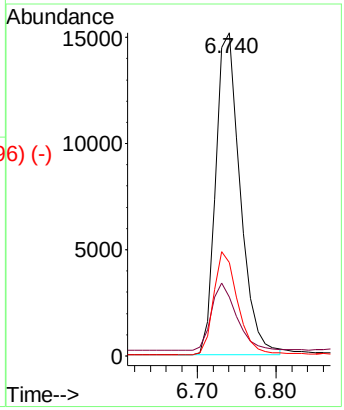


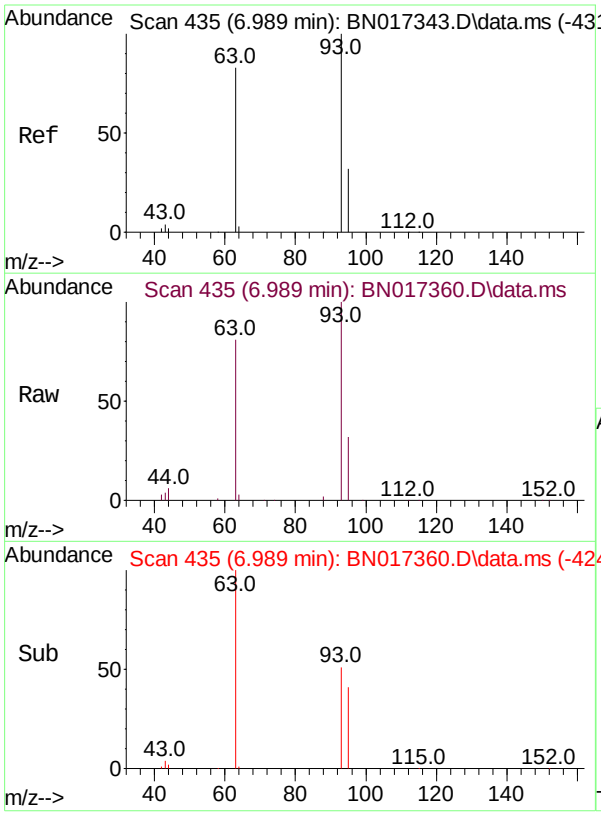
#5
Phenol-d6
Concen: 0.408 ng
RT: 6.740 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 32925

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	31.2	24.8	37.2

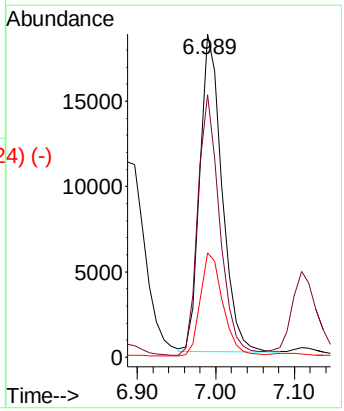


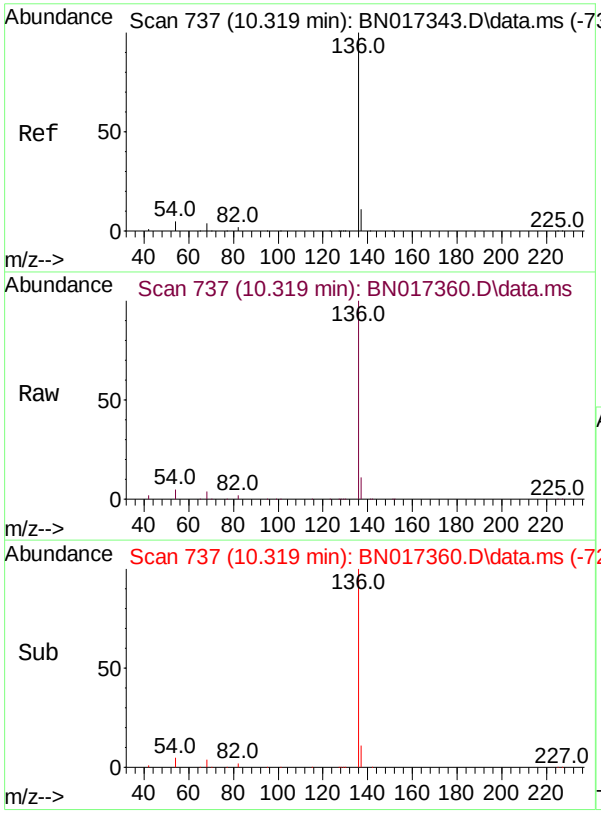


#6
bis(2-Chloroethyl)ether
Concen: 0.427 ng
RT: 6.989 min Scan# 435
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion: 93 Resp: 36345

Ion	Ratio	Lower	Upper
93	100		
63	81.5	65.8	98.6
95	33.1	26.6	39.8



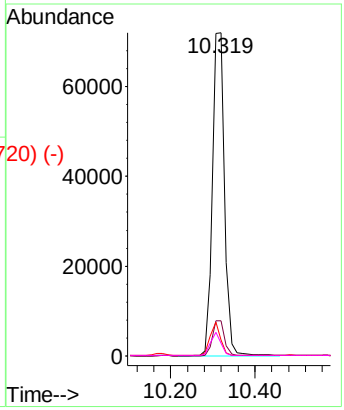


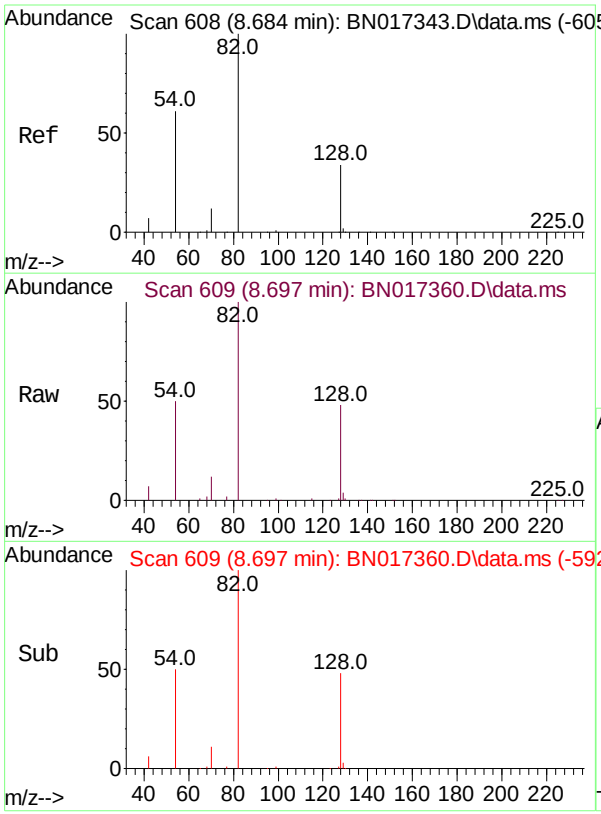
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 737
Delta R.T. 0.013 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 143570

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.0	4.0	6.0
68	3.8	3.0	4.6

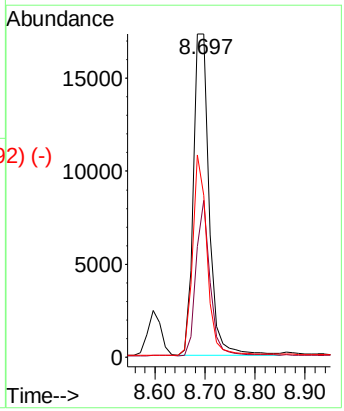


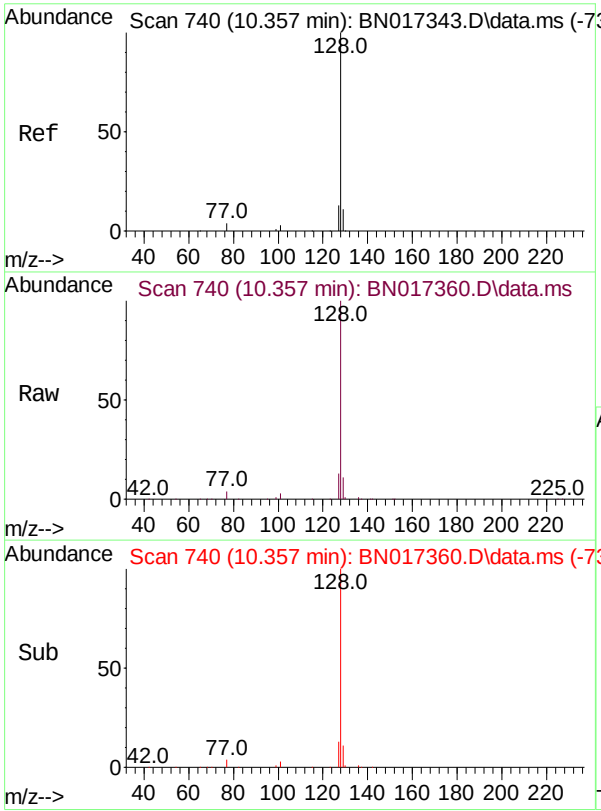


#8
Nitrobenzene-d5
Concen: 0.437 ng
RT: 8.697 min Scan# 609
Delta R.T. 0.013 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion: 82 Resp: 37620

Ion	Ratio	Lower	Upper
82	100		
128	48.5	27.7	41.5#
54	50.0	49.2	73.8



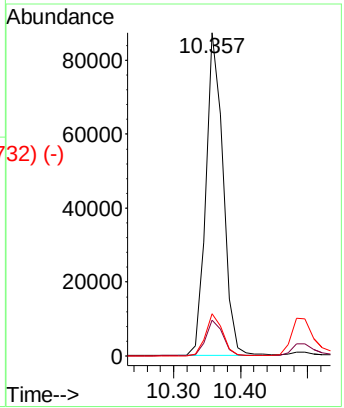


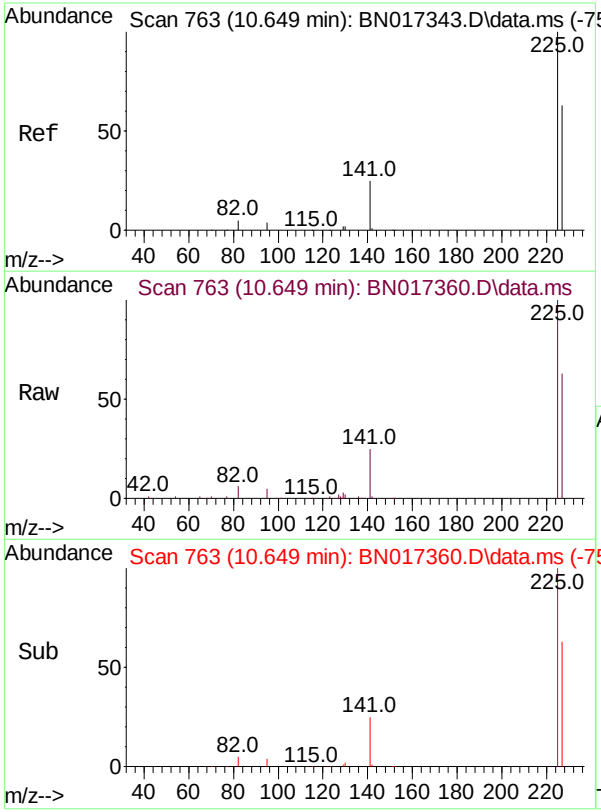
#9
Naphthalene
Concen: 0.413 ng
RT: 10.357 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 156302

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.6	15.8

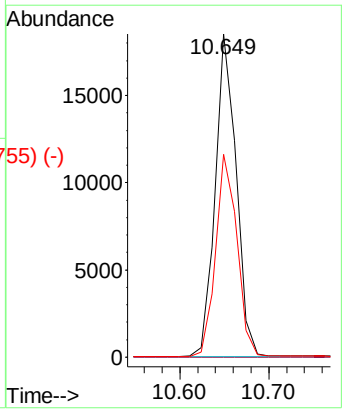


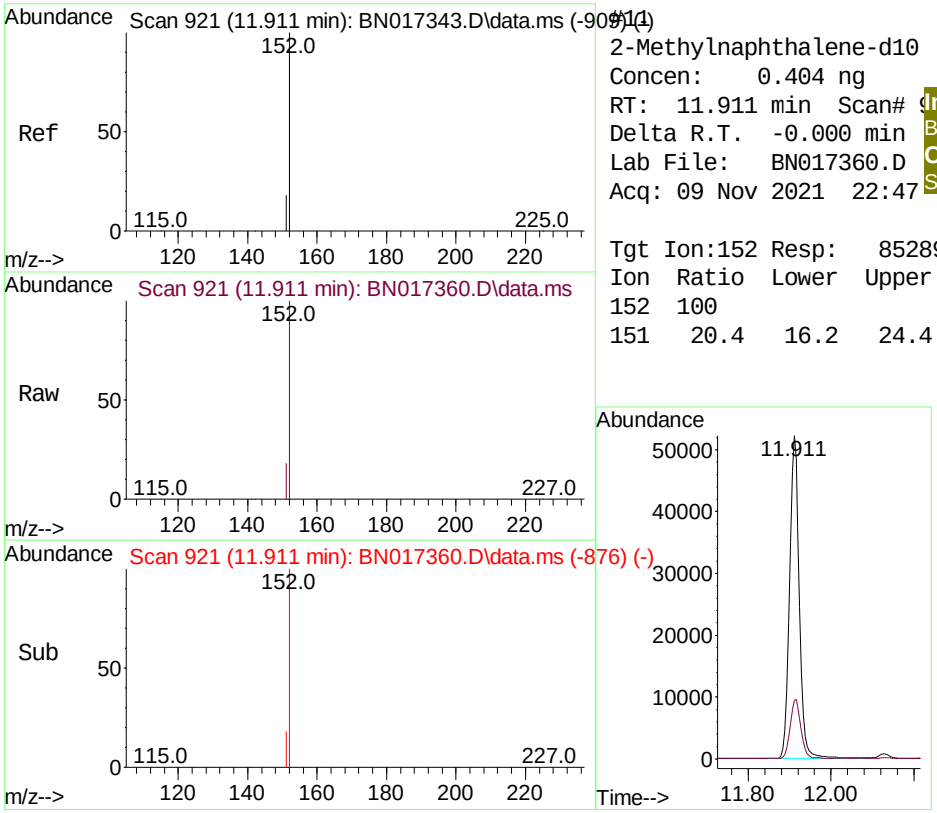


#10
Hexachlorobutadiene
Concen: 0.409 ng
RT: 10.649 min Scan# 763
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:225 Resp: 30304

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.1	76.7



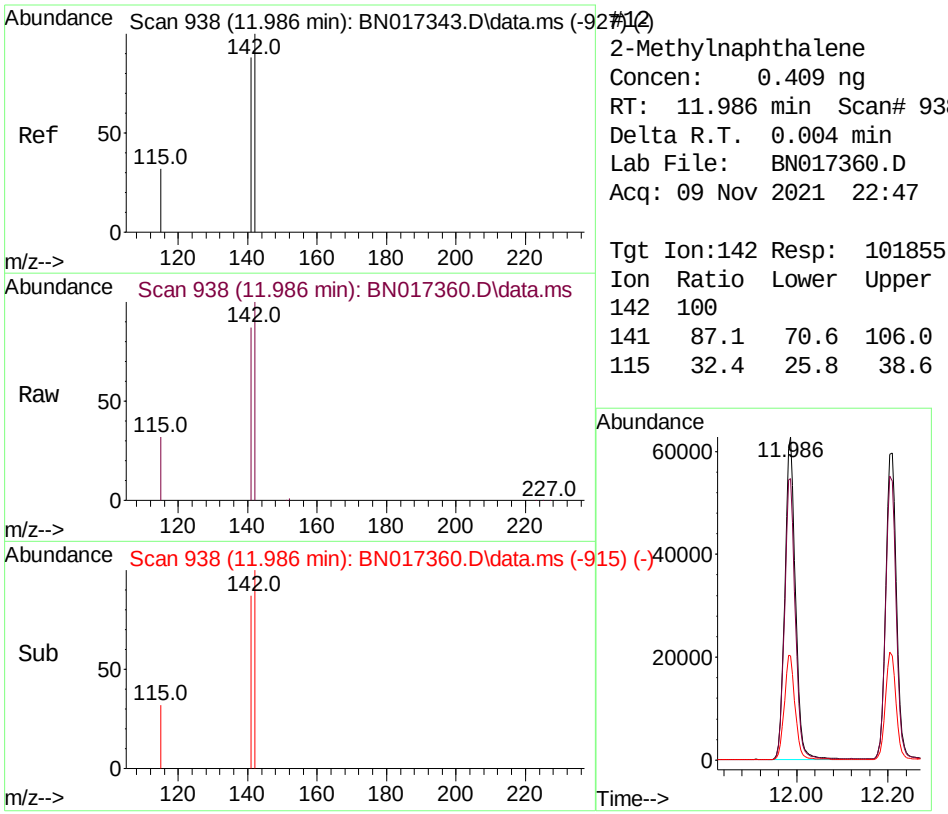


#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 11.911 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 85289

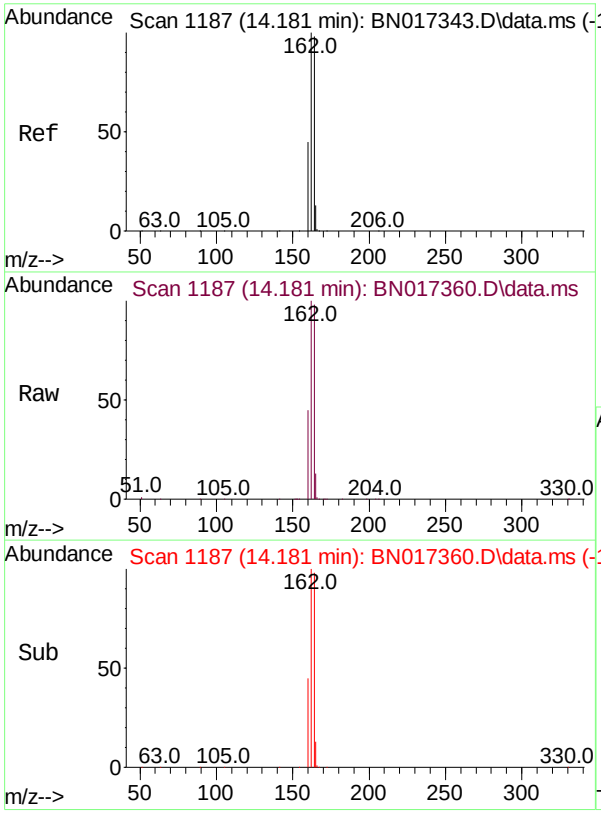
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



#12
2-Methylnaphthalene
Concen: 0.409 ng
RT: 11.986 min Scan# 938
Delta R.T. 0.004 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:142 Resp: 101855

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.6	106.0
115	32.4	25.8	38.6

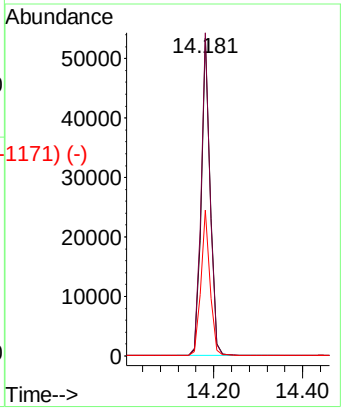


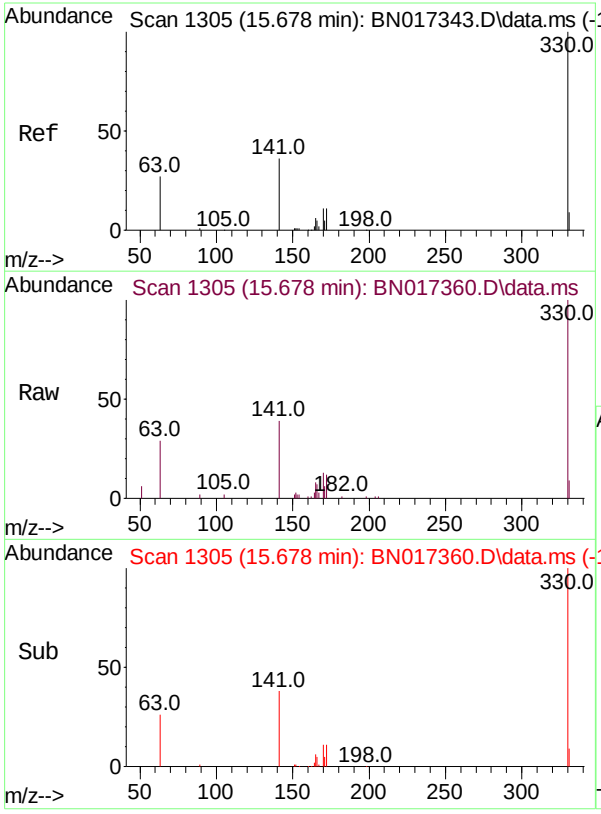
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 75882

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.2
160	45.9	36.8	55.2

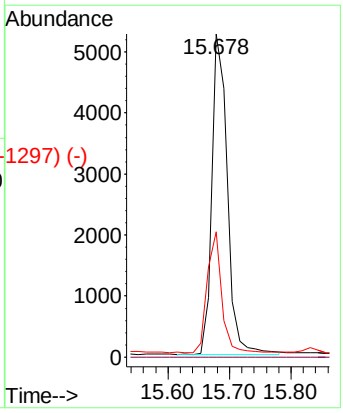


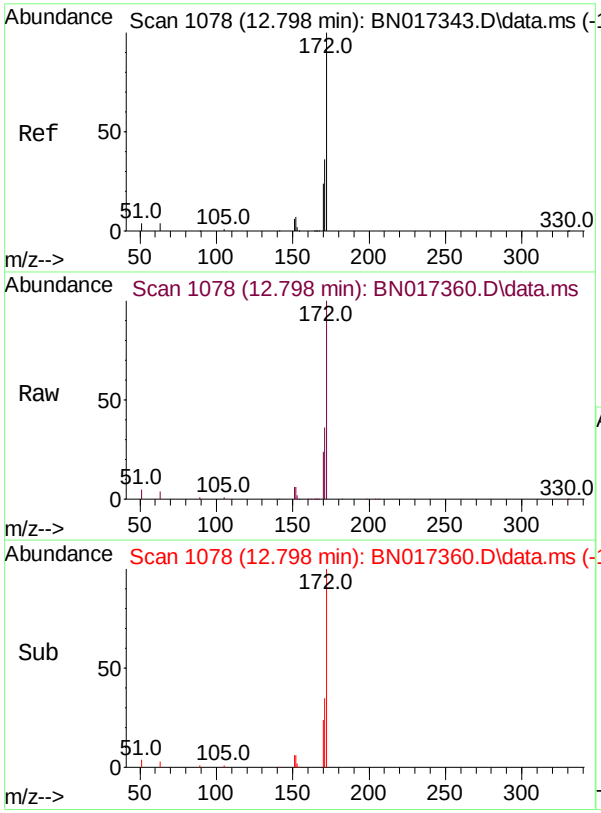


#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.678 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:330 Resp: 9120

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.7	28.9	43.3



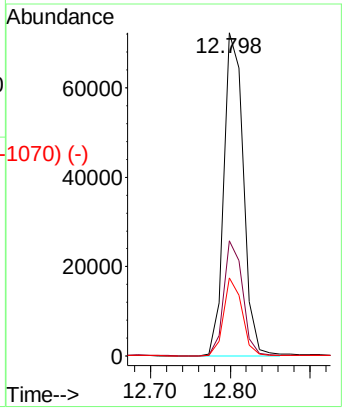


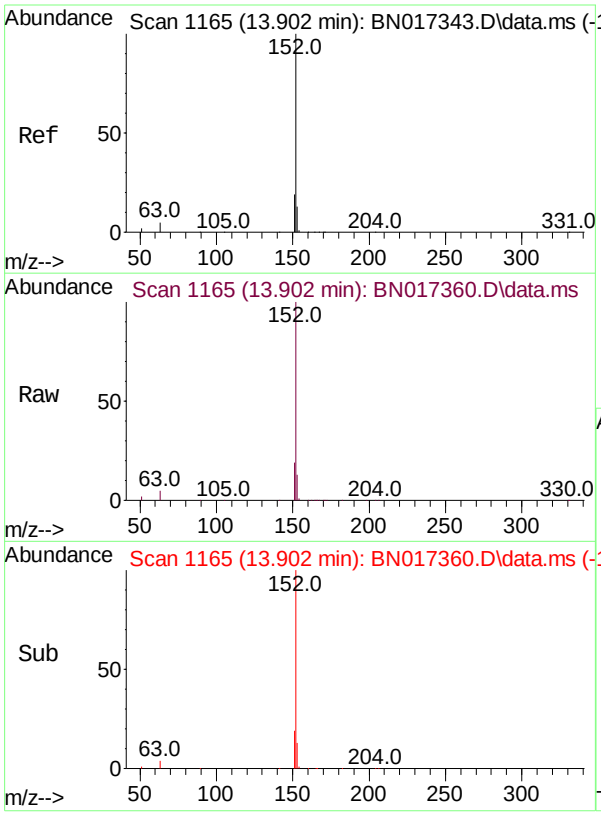
#14
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 12.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 124370

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	24.2	19.4	29.2

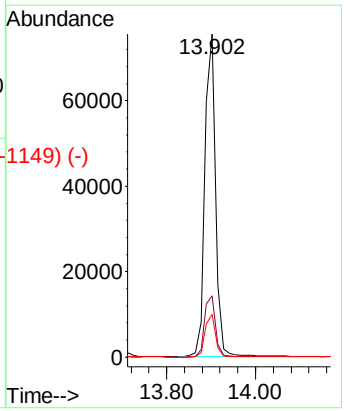


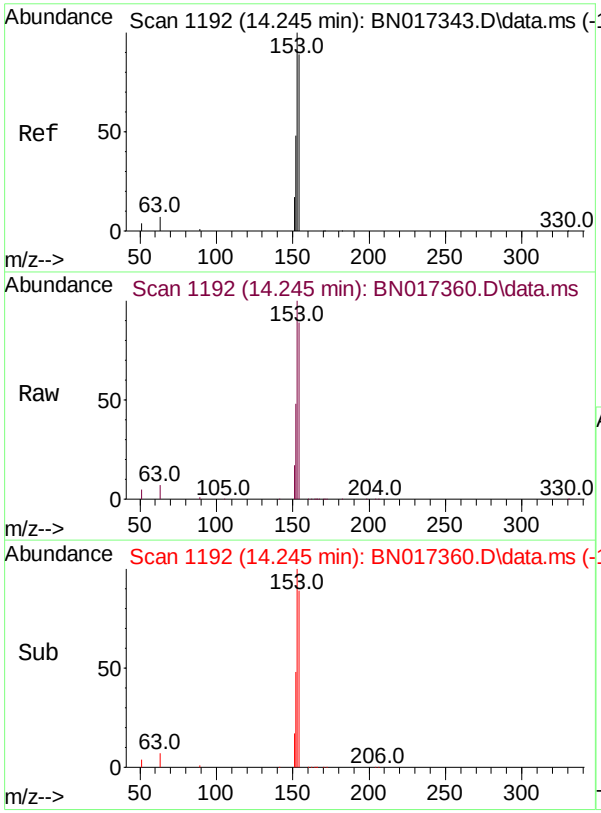


#16
Acenaphthylene
Concen: 0.411 ng
RT: 13.902 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:152 Resp: 127099

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.4	15.6



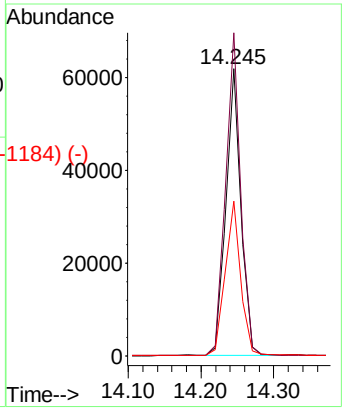


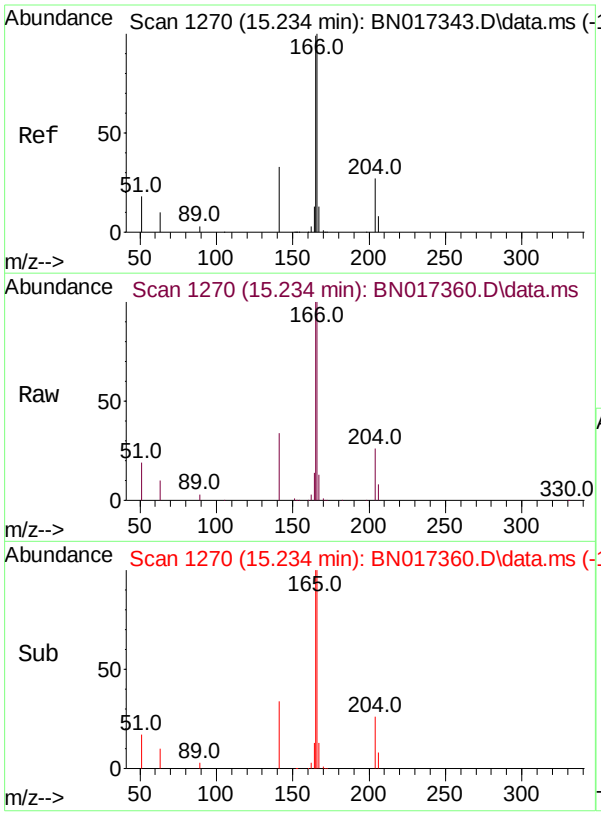
#47
Acenaphthene
Concen: 0.412 ng
RT: 14.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 87752

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	55.6	44.3	66.5

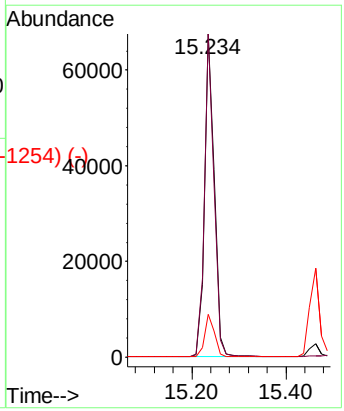


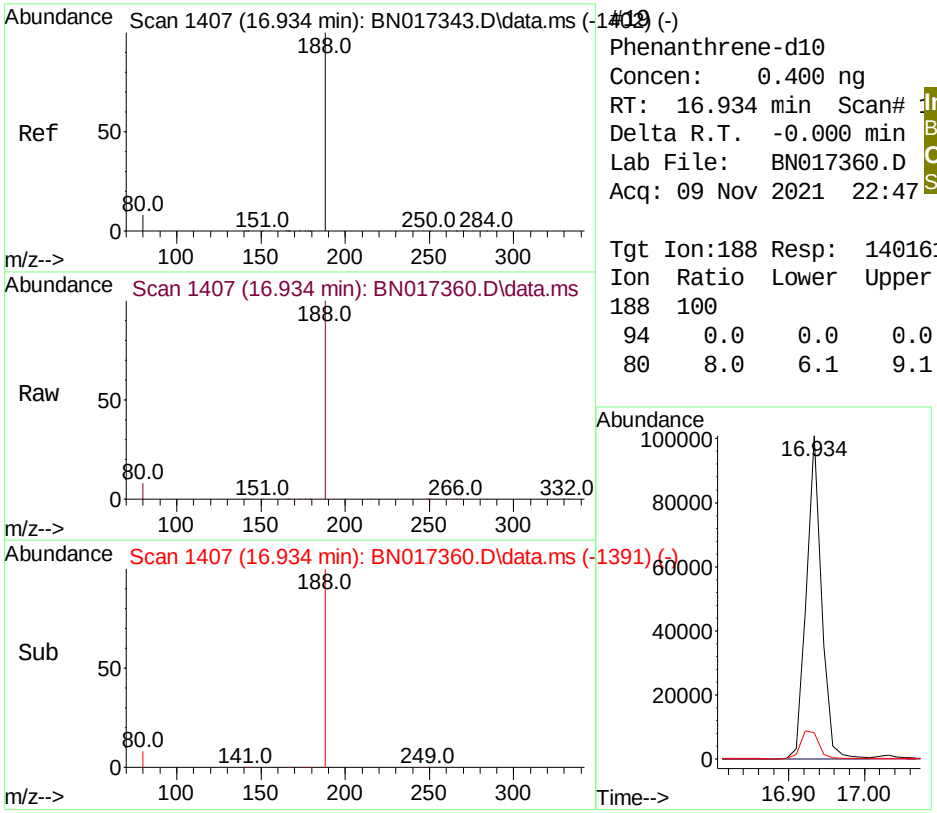


#48
Fluorene
Concen: 0.384 ng
RT: 15.234 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:166 Resp: 97726

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.9	116.9
167	13.4	10.9	16.3



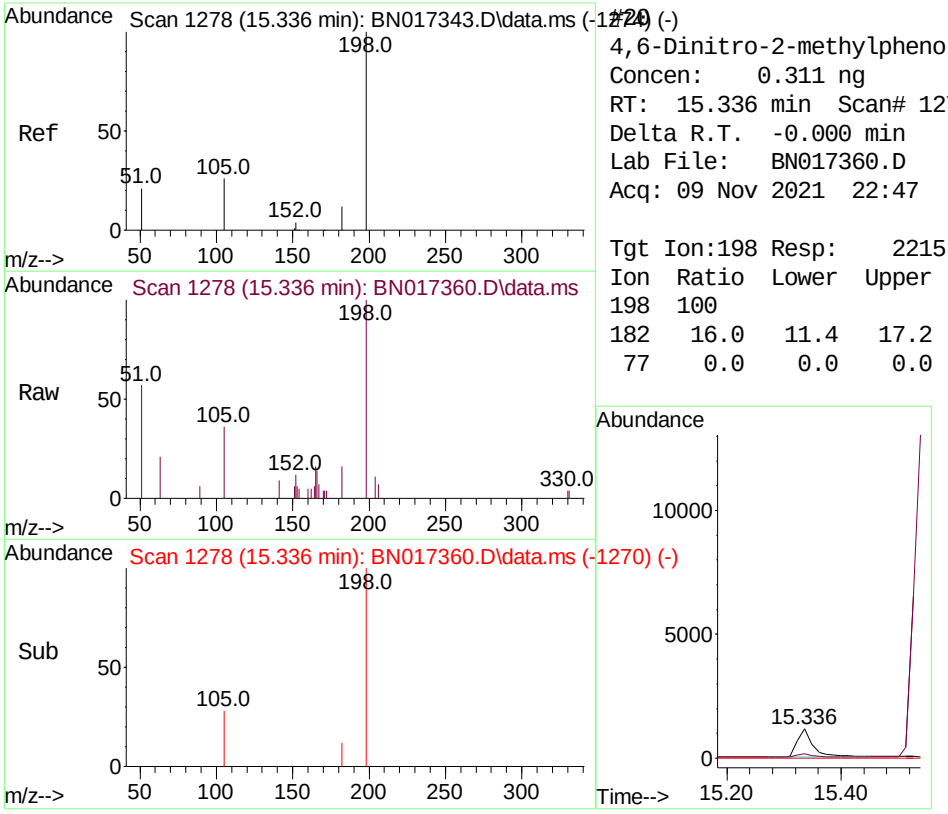


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 140161

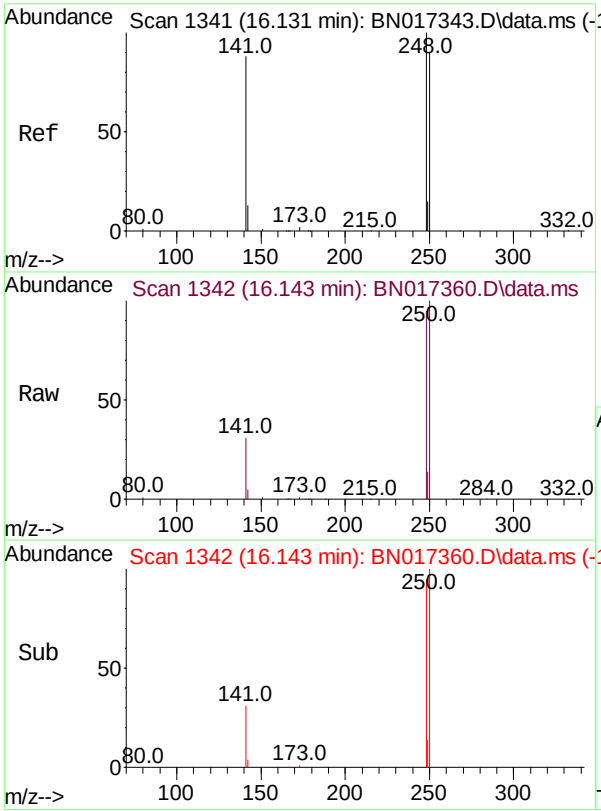
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.1	9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.311 ng
RT: 15.336 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:198 Resp: 2215

Ion	Ratio	Lower	Upper
198	100		
182	16.0	11.4	17.2
77	0.0	0.0	0.0

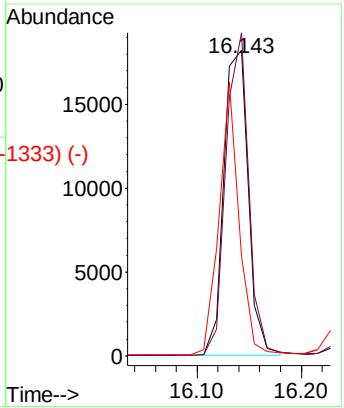


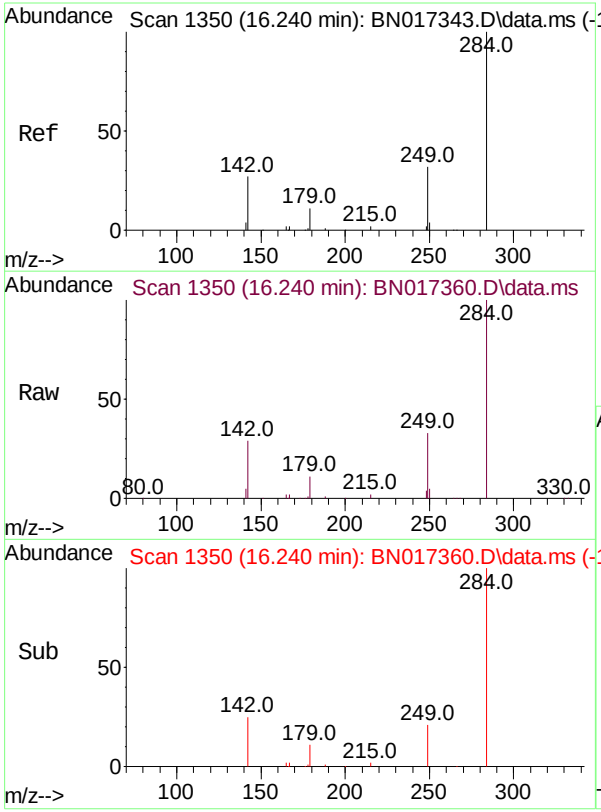
#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.143 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 30072

Ion	Ratio	Lower	Upper
248	100		
250	105.6	71.8	107.8
141	32.7	70.9	106.3#

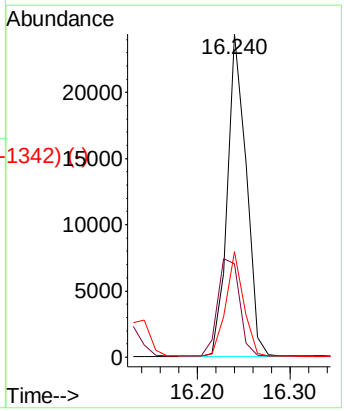


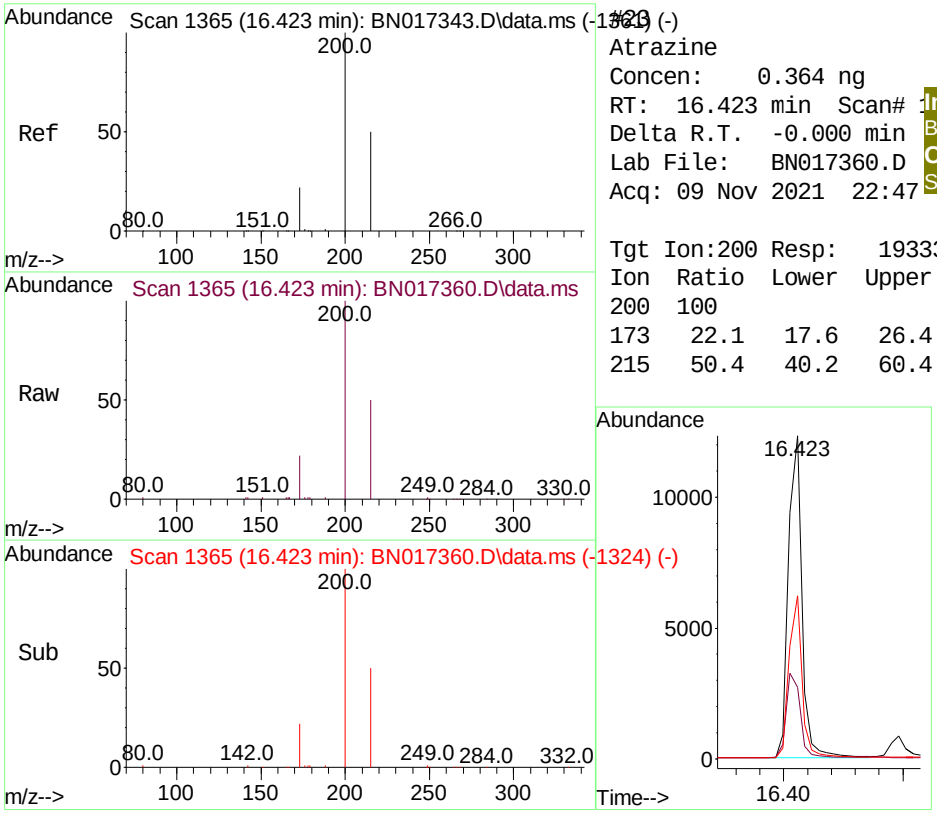


#22
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.240 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:284 Resp: 34473

Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.2	42.2
249	30.5	24.4	36.6



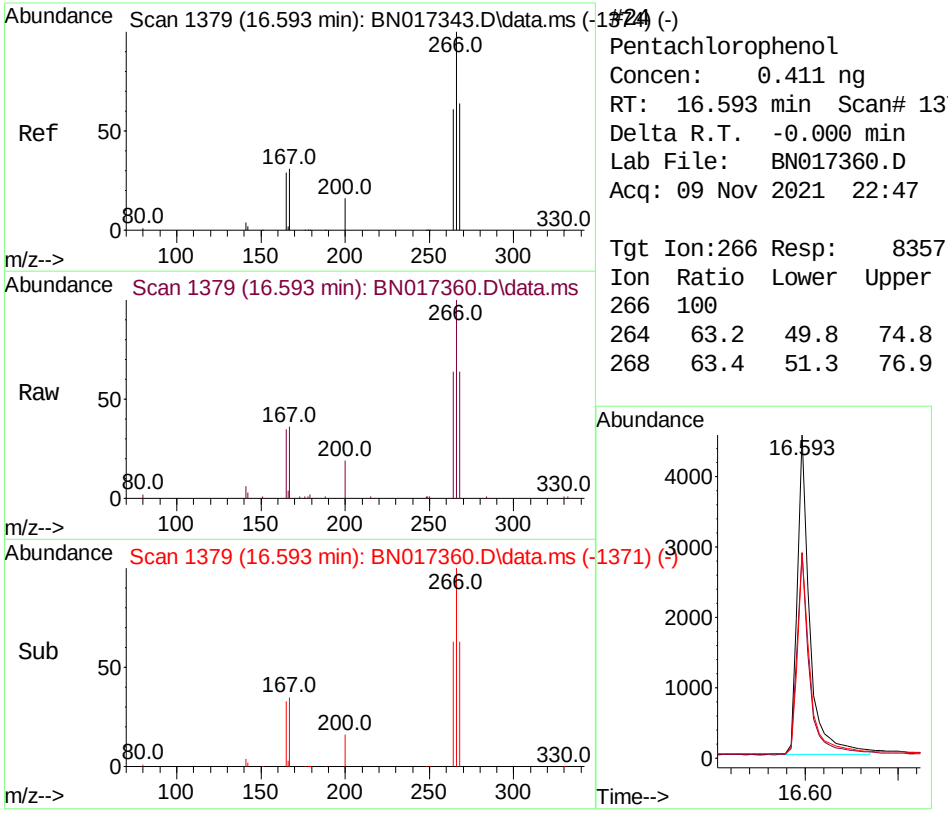


#20
Atrazine
Concen: 0.364 ng
RT: 16.423 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 19333

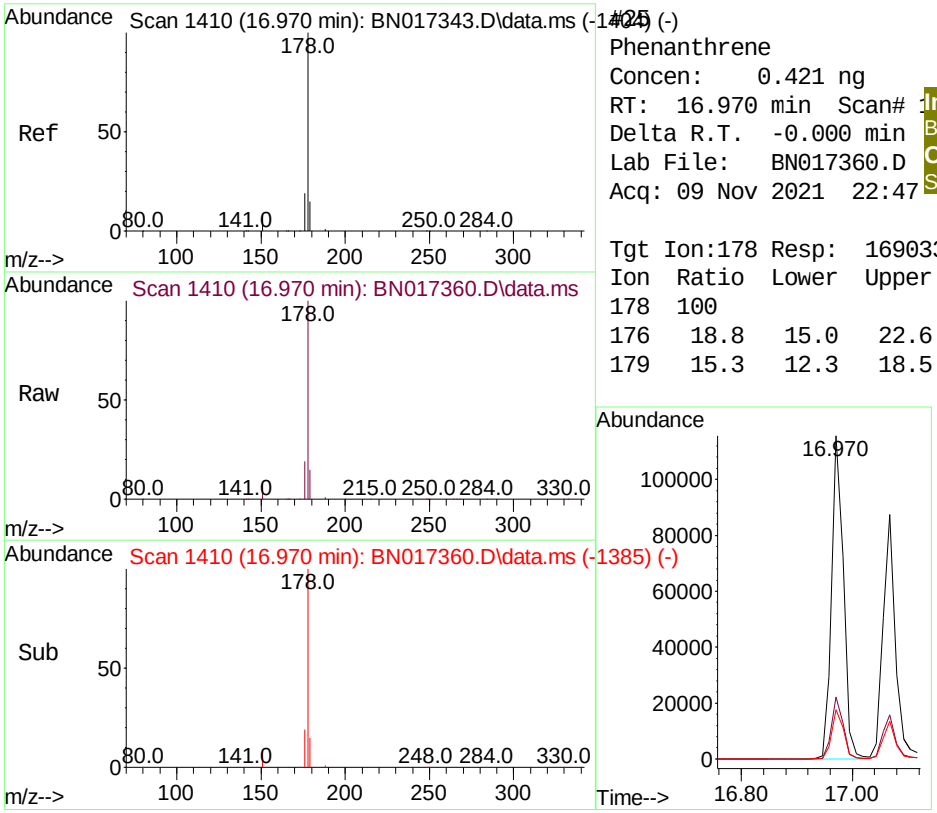
Ion	Ratio	Lower	Upper
200	100		
173	22.1	17.6	26.4
215	50.4	40.2	60.4



#24
Pentachlorophenol
Concen: 0.411 ng
RT: 16.593 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:266 Resp: 8357

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.8	74.8
268	63.4	51.3	76.9

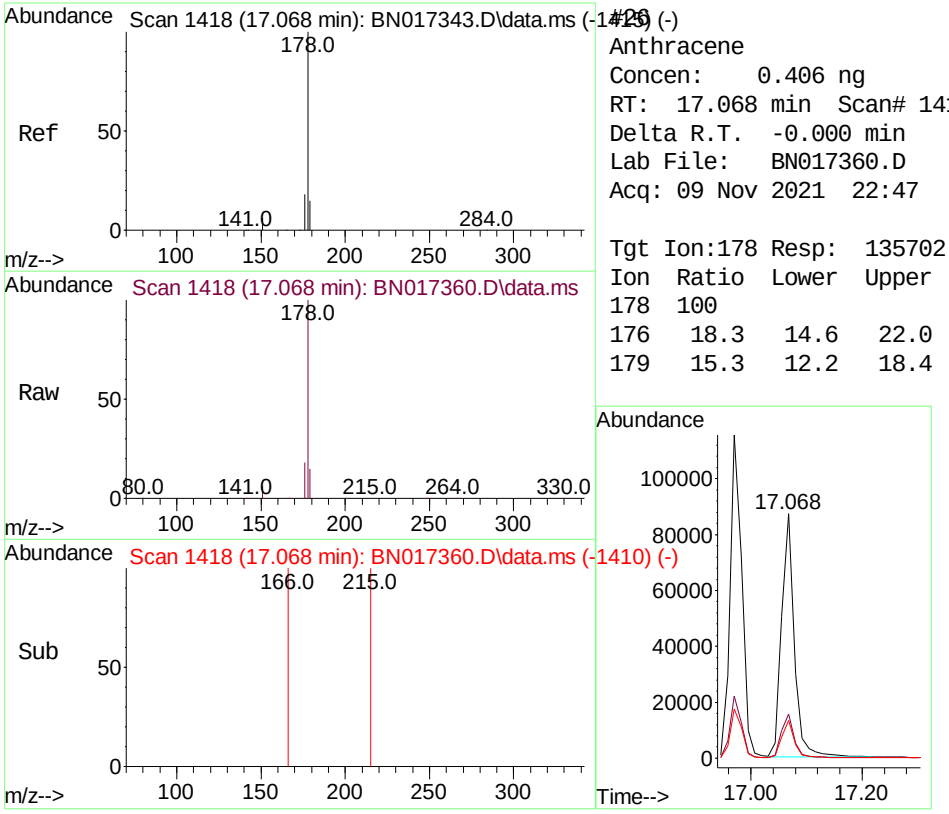


#25
Phenanthrene
Concen: 0.421 ng
RT: 16.970 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 169033

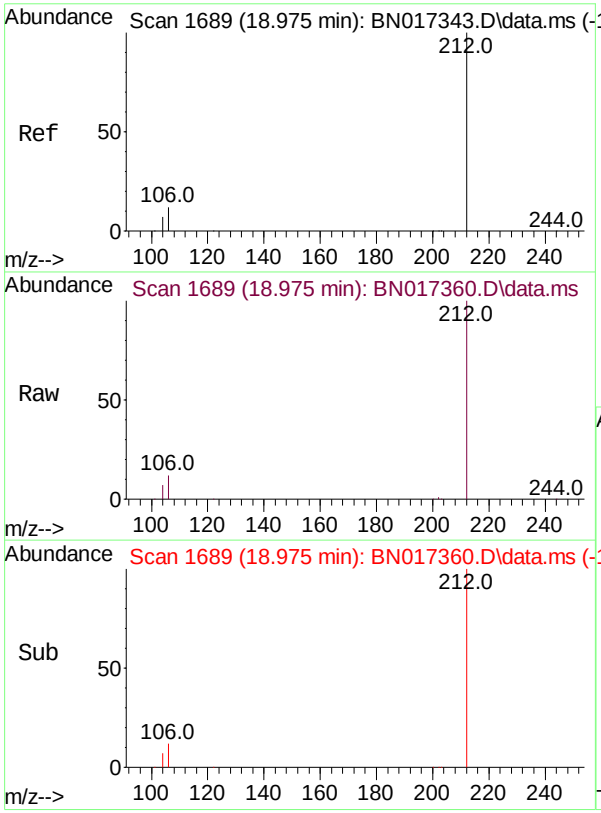
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.3	18.5



#26
Anthracene
Concen: 0.406 ng
RT: 17.068 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:178 Resp: 135702

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.3	12.2	18.4

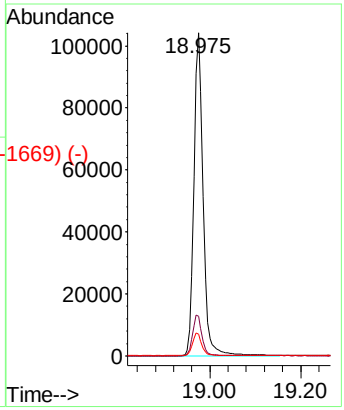


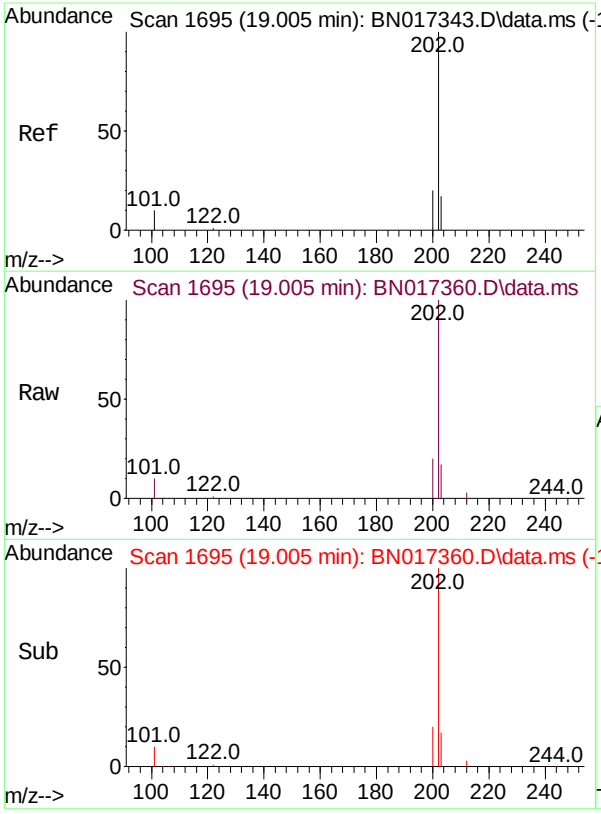
#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 18.975 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 145820

Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.5	15.7
104	7.1	5.8	8.6

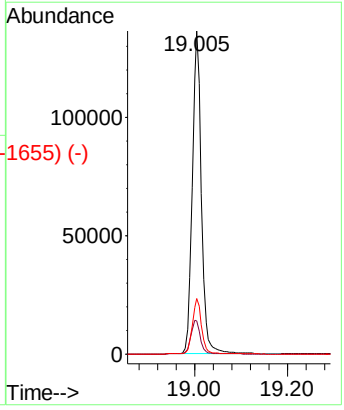


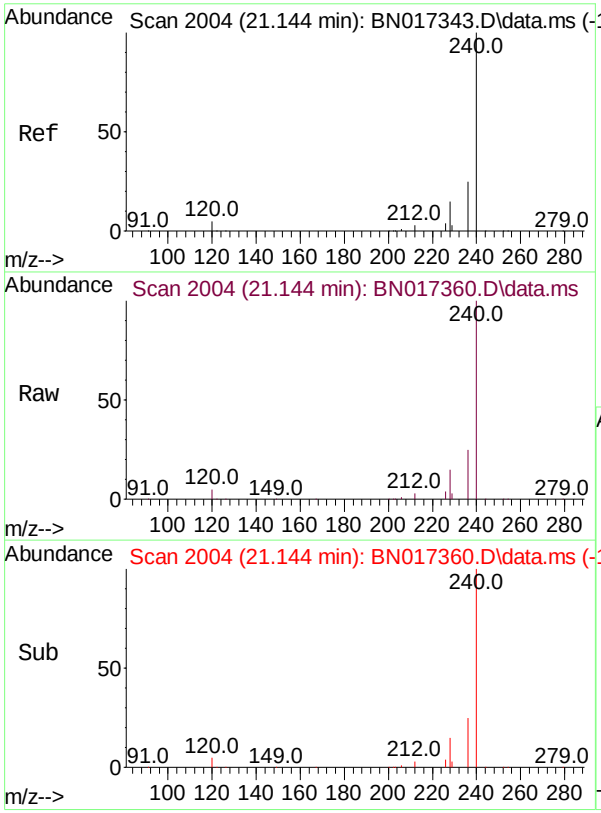


#28
Fluoranthene
Concen: 0.427 ng
RT: 19.005 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:202 Resp: 184945

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
203	17.3	13.8	20.6



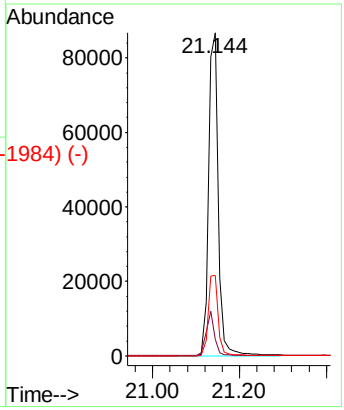


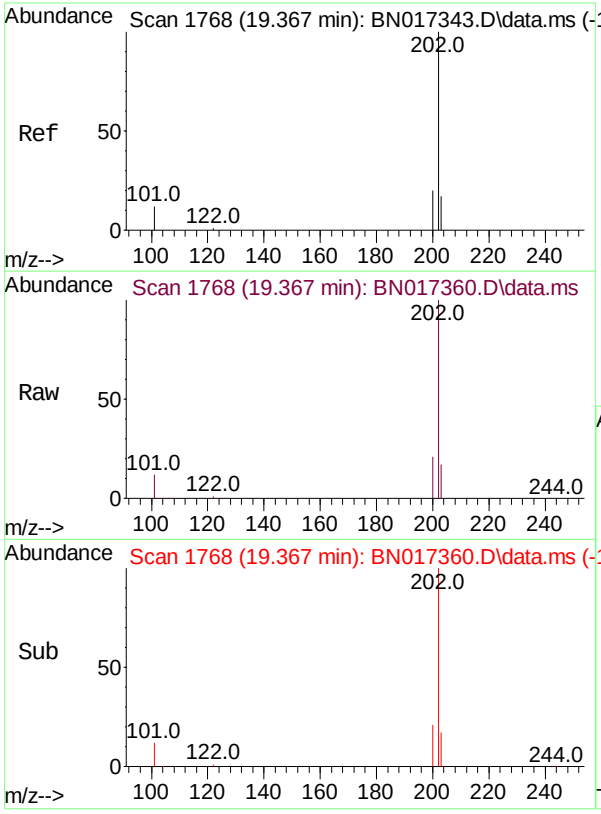
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.144 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 136292

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.2	6.2
236	25.0	20.0	30.0

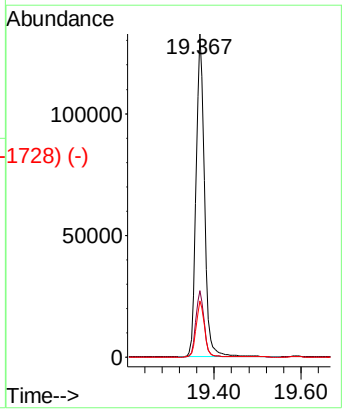


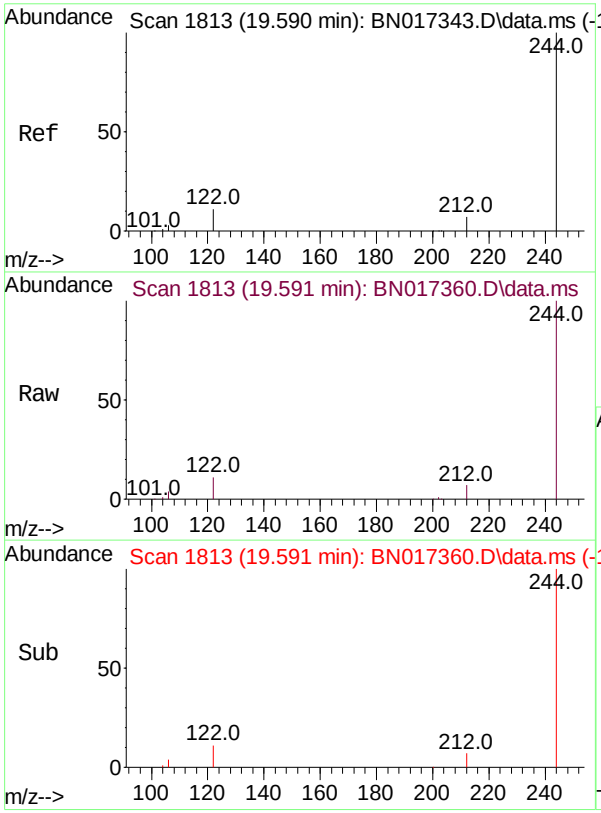


#30
Pyrene
Concen: 0.410 ng
RT: 19.367 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:202 Resp: 180634

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	14.0	21.0



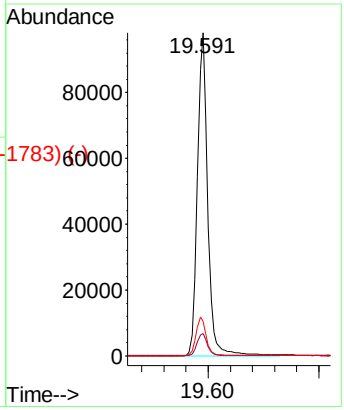


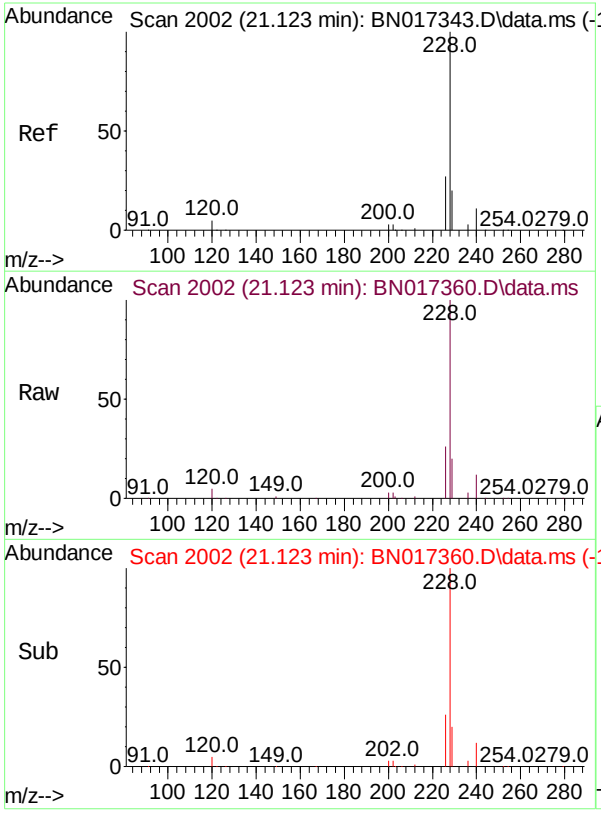
#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.591 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 127413

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.7	8.6	13.0

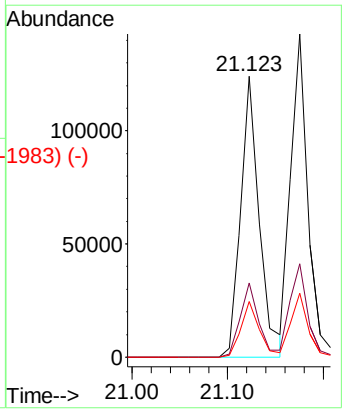


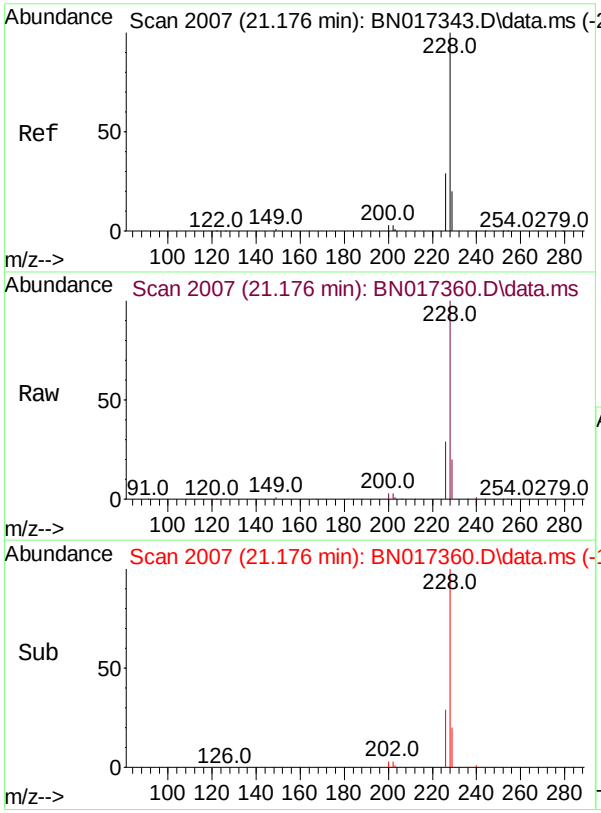


#32
Benzo(a)anthracene
Concen: 0.405 ng
RT: 21.123 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:228 Resp: 167625

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	19.8	15.7	23.5



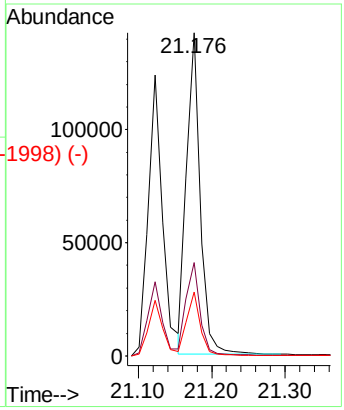


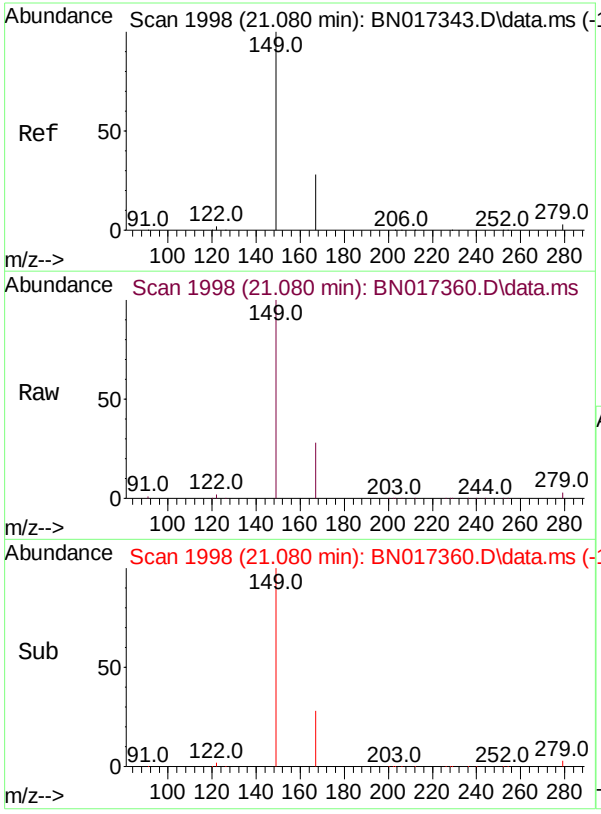
#33
Chrysene
Concen: 0.414 ng
RT: 21.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 182170

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	19.7	15.6	23.4

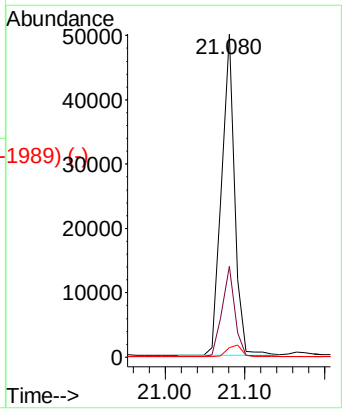


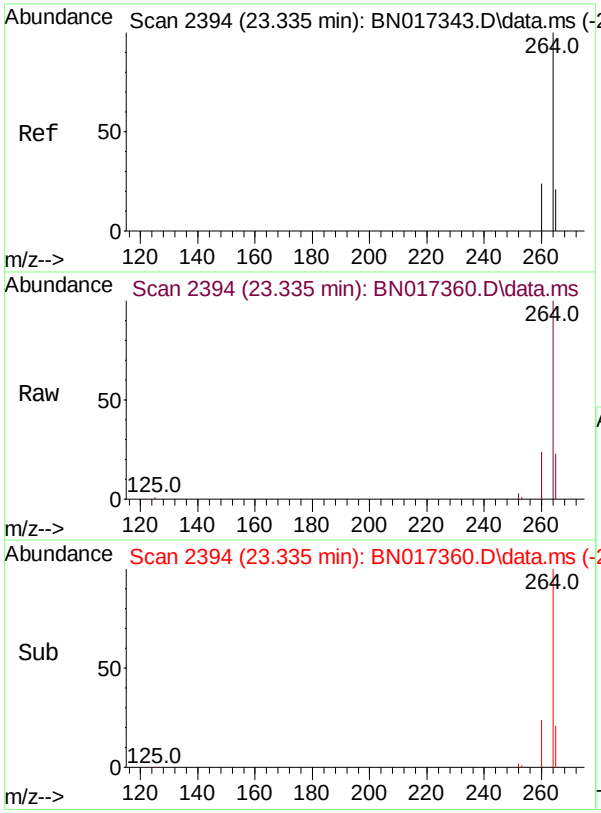


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.385 ng
RT: 21.080 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:149 Resp: 56146

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	4.1	3.4	5.0



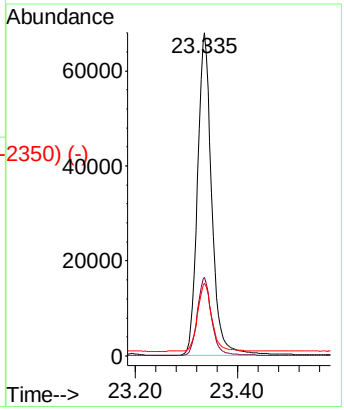


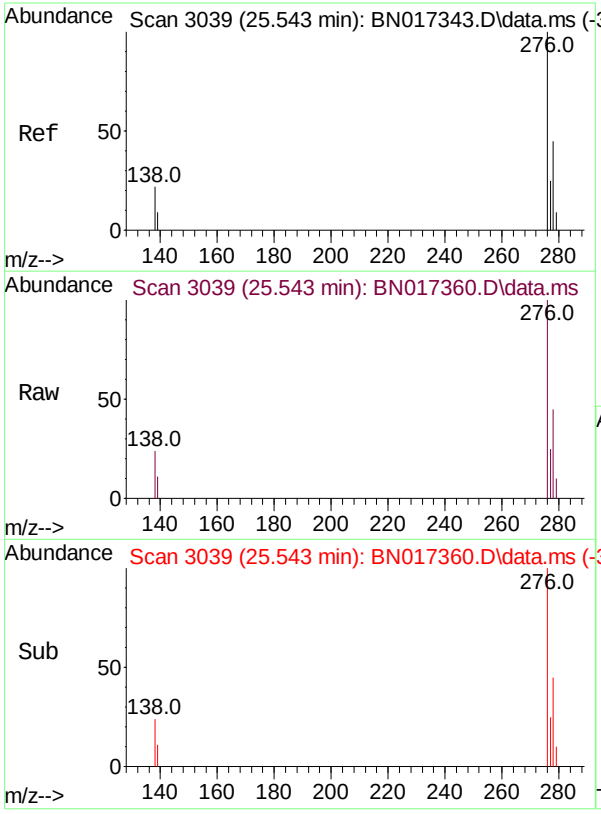
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.335 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 131207

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.6	18.6	28.0

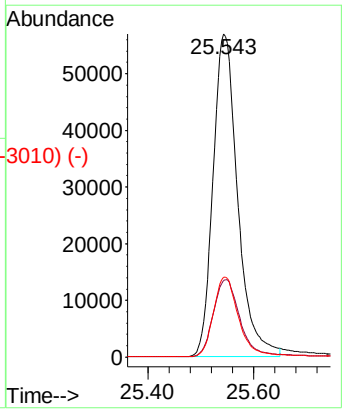


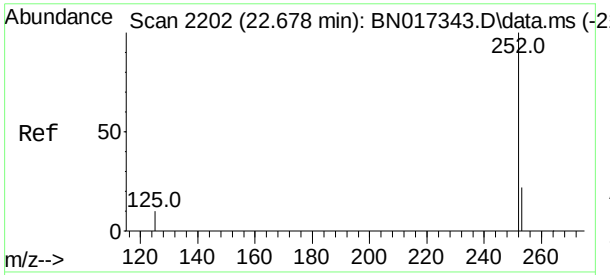


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 25.543 min Scan# 3039
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:276 Resp: 184190

Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.7	29.5
277	25.1	20.0	30.0



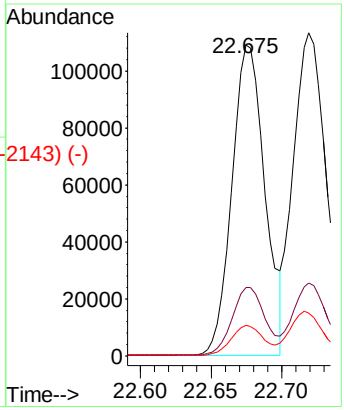


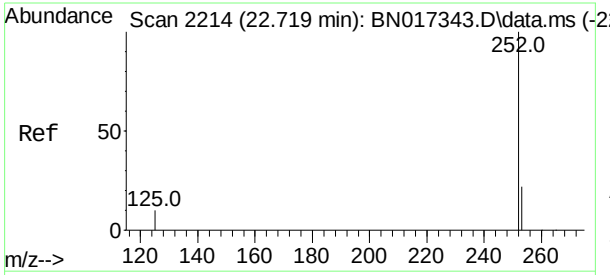
#37
Benzo(b)fluoranthene
Concen: 0.412 ng
RT: 22.675 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 176651

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.9	7.8	11.8

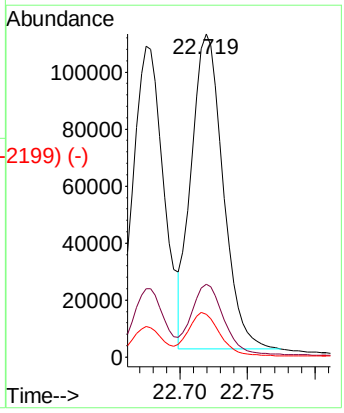


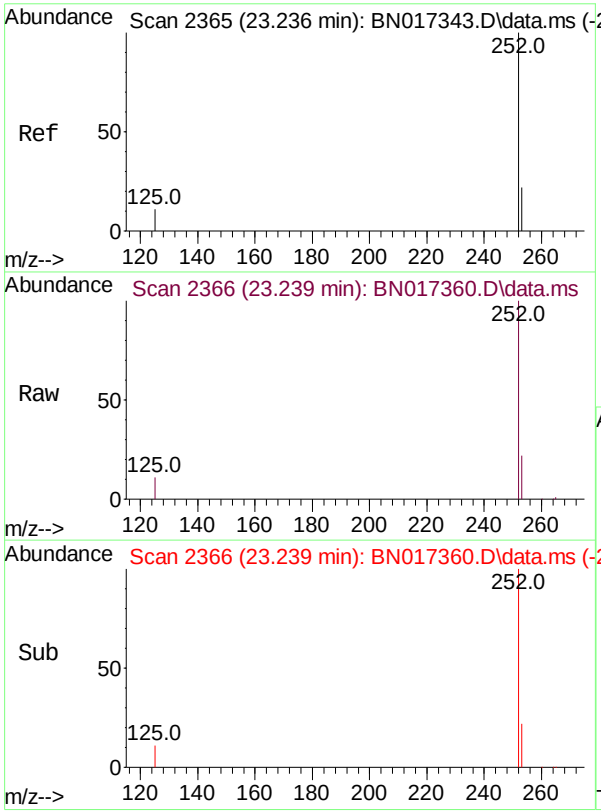


#38
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 22.719 min Scan# 2214
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Tgt Ion:252 Resp: 180030

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	13.3	8.2	12.2#



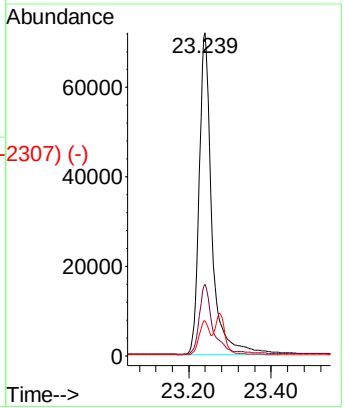


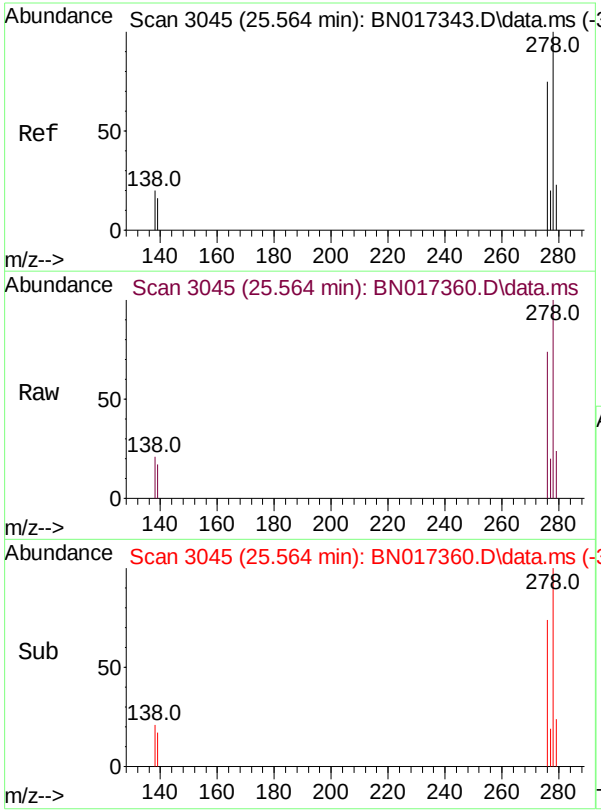
#39
Benzo(a)pyrene
Concen: 0.405 ng
RT: 23.239 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 153749

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.9	9.2	13.8

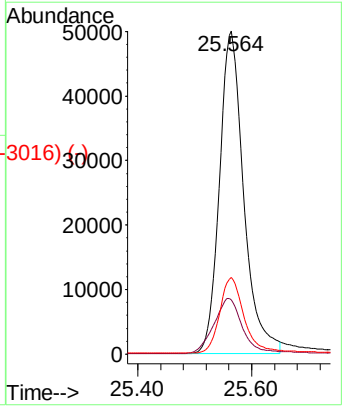


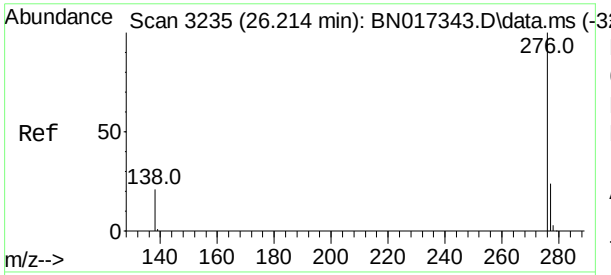


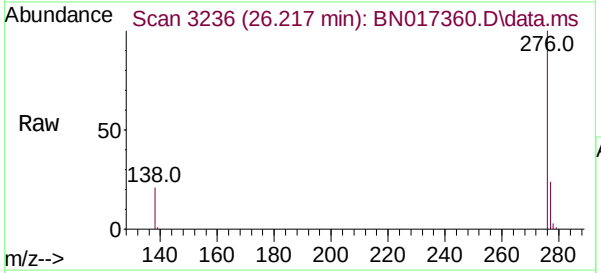
#40
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 25.564 min Scan# 3045
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

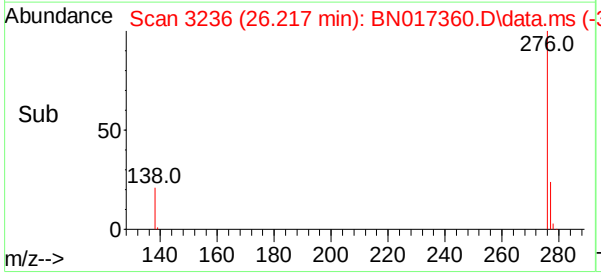
Tgt Ion:278 Resp: 146731

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.0	19.6
279	23.8	19.2	28.8









#47
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 26.217 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017360.D
Acq: 09 Nov 2021 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 155140

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	21.0	17.1	25.7