Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016603.D
Acq On : 30 Sep 2021 16:44
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Sep 30 17:13:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 15:26:45 2021
Response via : Initial Calibration

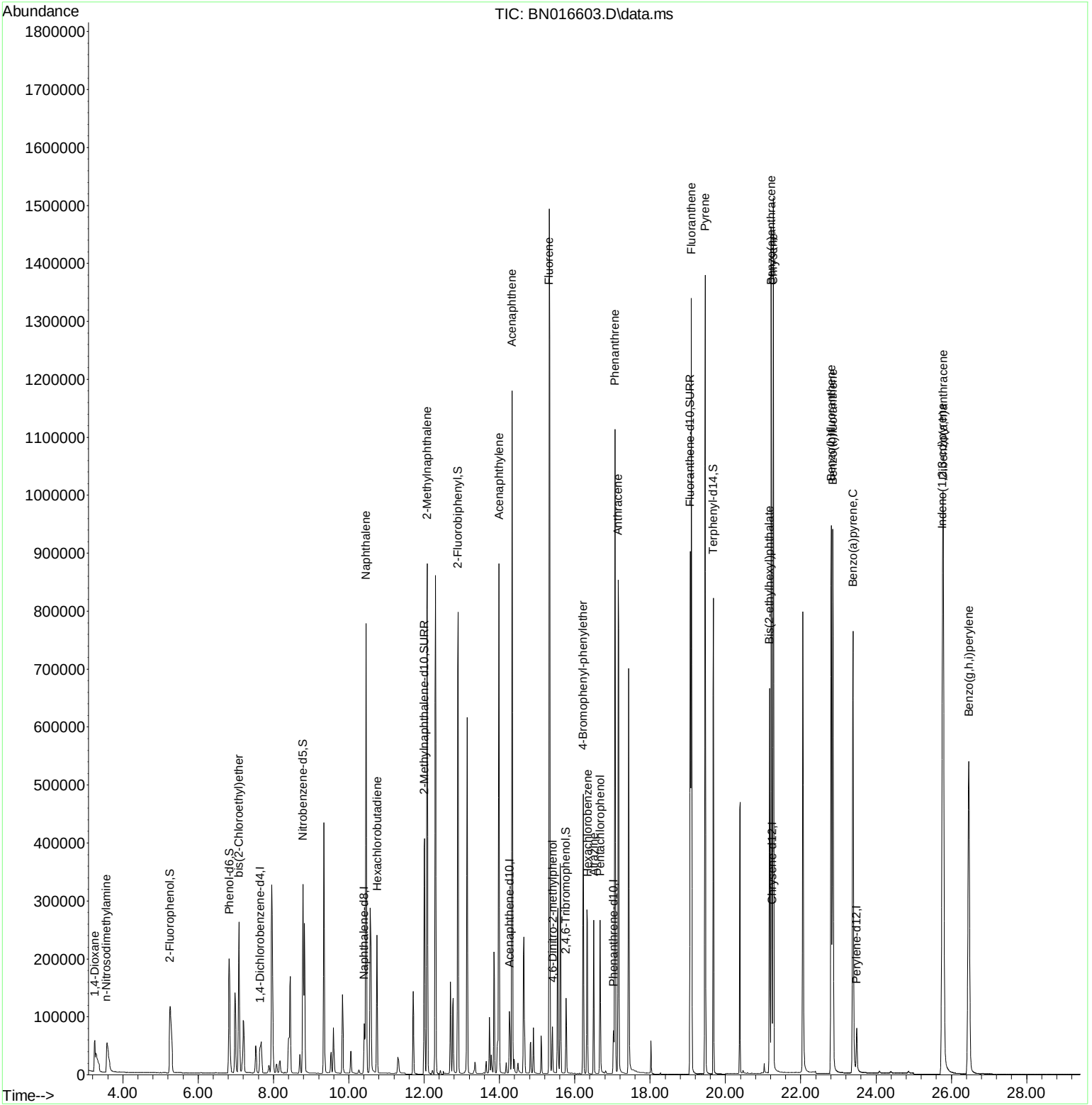
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	27336	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	113468	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	60204	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	108127	0.400	ng		0.00
29) Chrysene-d12	21.238	240	105598	0.400	ng		0.00
35) Perylene-d12	23.484	264	101377	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	224450	3.203	ng		0.00
5) Phenol-d6	6.822	99	254395	3.391	ng		0.00
8) Nitrobenzene-d5	8.784	82	265729	3.727	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	551076	3.324	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	105089	3.828	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	771564	3.119	ng		0.00
27) Fluoranthene-d10	19.068	212	986646	3.330	ng		0.00
31) Terphenyl-d14	19.678	244	798971	3.479	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	41721	3.083	ng	#	76
3) n-Nitrosodimethylamine	3.567	42	69355	3.371	ng		100
6) bis(2-Chloroethyl)ether	7.080	93	235515	3.171	ng		100
9) Naphthalene	10.457	128	980481	3.127	ng		100
10) Hexachlorobutadiene	10.749	225	187105	3.209	ng	#	100
12) 2-Methylnaphthalene	12.078	142	630155	3.230	ng		100
16) Acenaphthylene	13.990	152	932958	3.492	ng		100
17) Acenaphthene	14.332	154	595612	3.361	ng		96
18) Fluorene	15.322	166	701130	3.330	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	59586	4.852	ng	#	82
21) 4-Bromophenyl-phenylether	16.226	248	233055	3.491	ng		99
22) Hexachlorobenzene	16.336	284	256752	3.292	ng		100
23) Atrazine	16.506	200	187080	3.820	ng		98
24) Pentachlorophenol	16.677	266	117727	4.467	ng		100
25) Phenanthrene	17.066	178	1069720	3.279	ng		100
26) Anthracene	17.151	178	995765	3.539	ng		100
28) Fluoranthene	19.098	202	1164713	3.241	ng		99
30) Pyrene	19.460	202	1205628	3.506	ng		100
32) Benzo(a)anthracene	21.217	228	1191666	3.704	ng		99
33) Chrysene	21.270	228	1140377	3.384	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	600512	5.053	ng		100
36) Indeno(1,2,3-cd)pyrene	25.764	276	1312754	3.477	ng		100
37) Benzo(b)fluoranthene	22.810	252	1186238	3.781	ng		100
38) Benzo(k)fluoranthene	22.855	252	1155182	3.636	ng		99
39) Benzo(a)pyrene	23.385	252	1081189	3.686	ng		99
40) Dibenzo(a,h)anthracene	25.785	278	1067048	3.497	ng		100
41) Benzo(g,h,i)perylene	26.462	276	1152531	3.467	ng		100

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

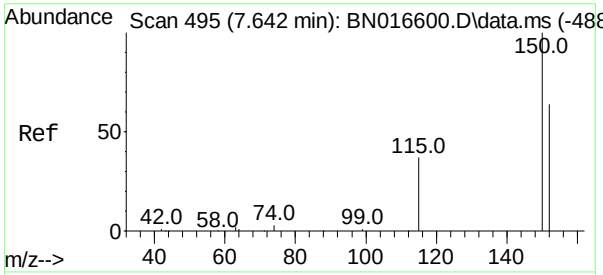
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016603.D
Acq On : 30 Sep 2021 16:44
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 30 17:13:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 15:26:45 2021
Response via : Initial Calibration



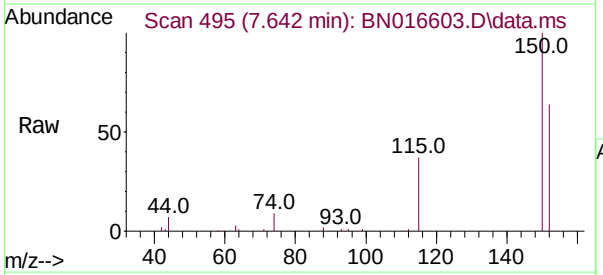
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

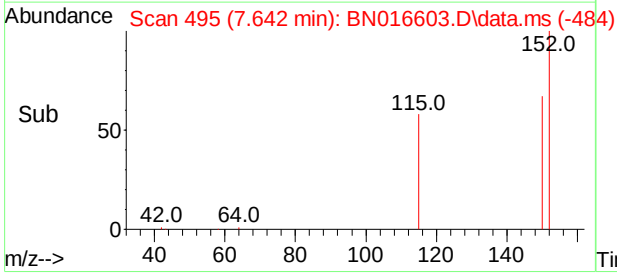


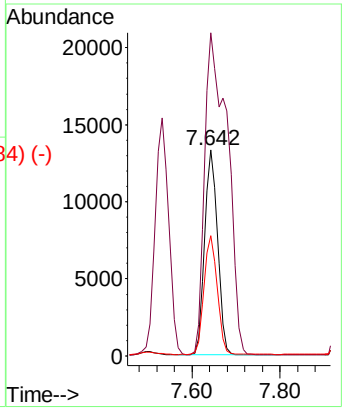
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

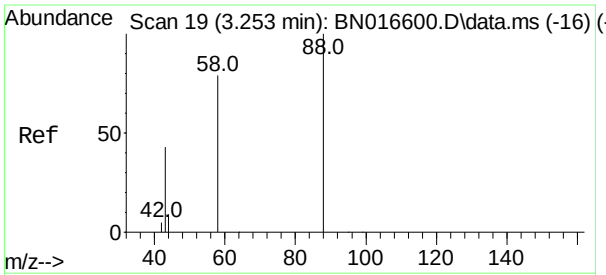
Tgt Ion:152 Resp: 27336

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	58.4	46.5	69.7





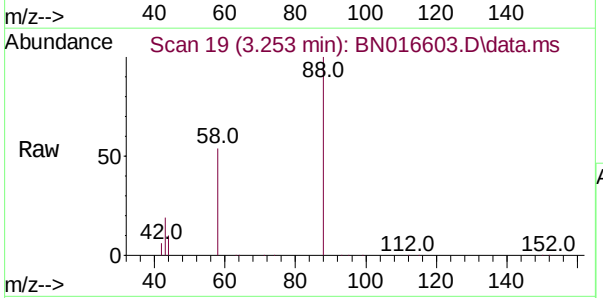


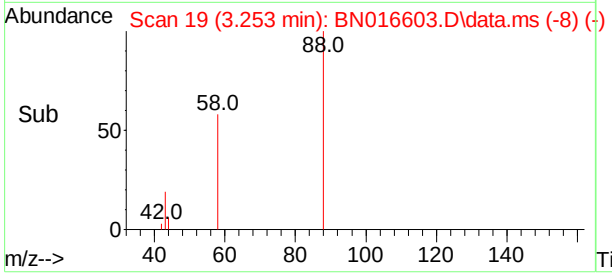


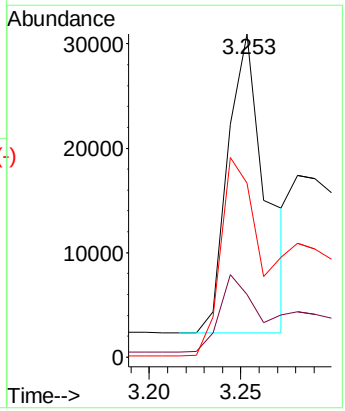
#2
1,4-Dioxane
Concen: 3.083 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion: 88 Resp: 41721

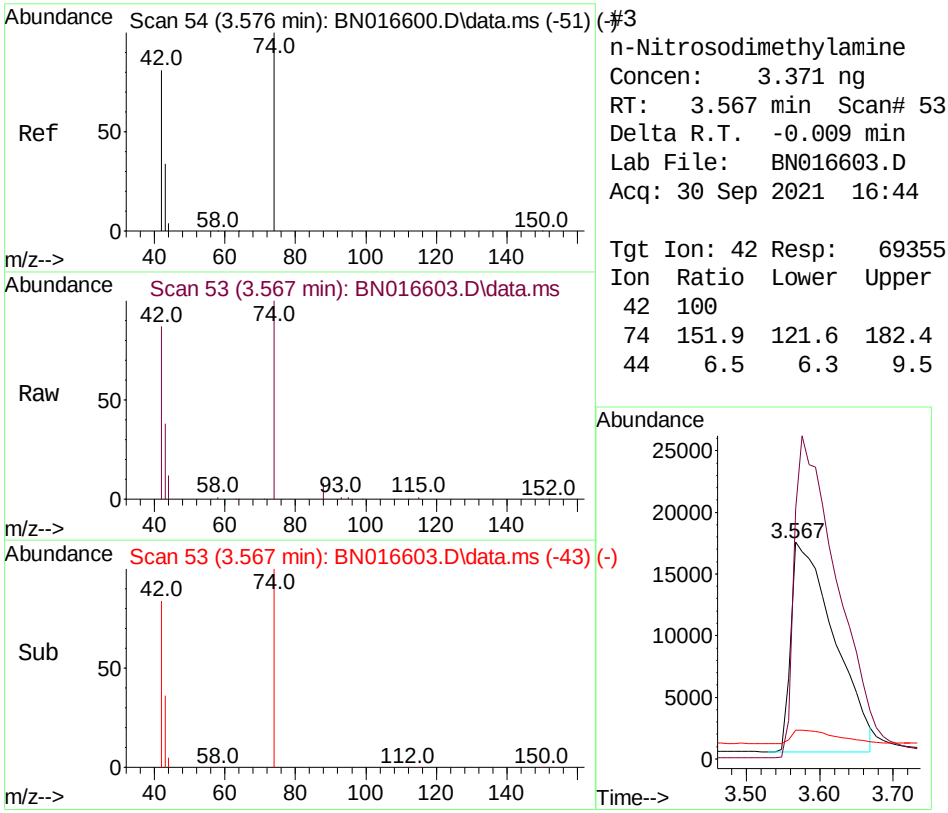
Ion	Ratio	Lower	Upper
88	100		
43	23.6	37.8	56.8#
58	62.5	61.3	91.9







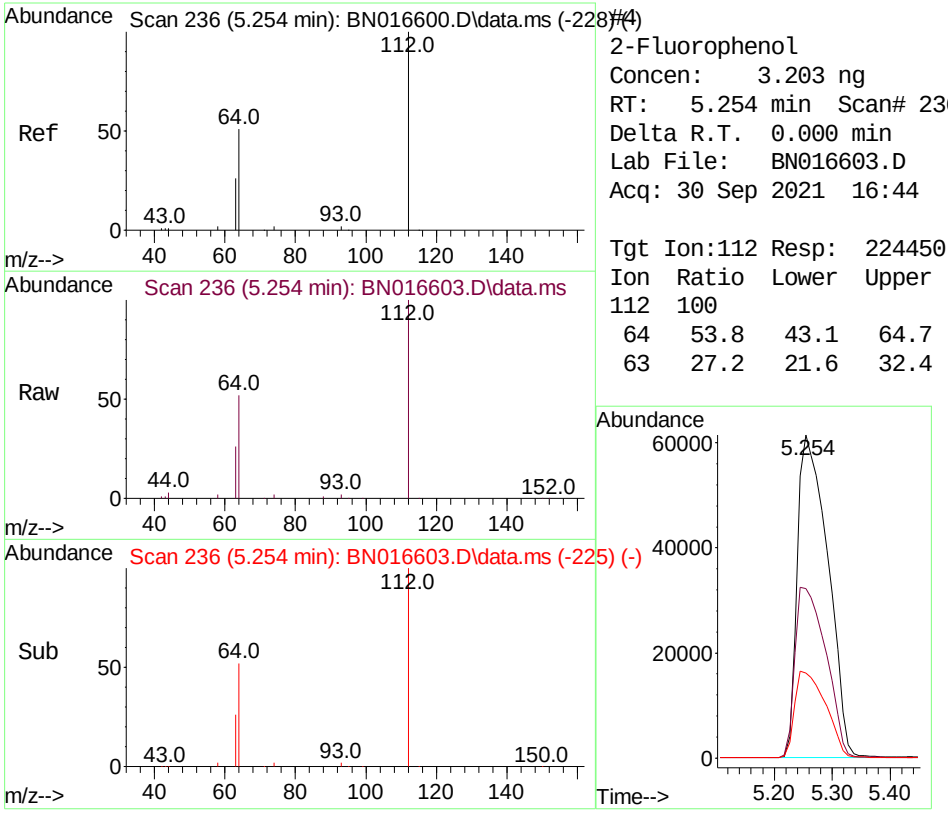
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#3
n-Nitrosodimethylamine
Concen: 3.371 ng
RT: 3.567 min Scan# 53
Delta R.T. -0.009 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion: 42 Resp: 69355

Ion	Ratio	Lower	Upper
42	100		
74	151.9	121.6	182.4
44	6.5	6.3	9.5

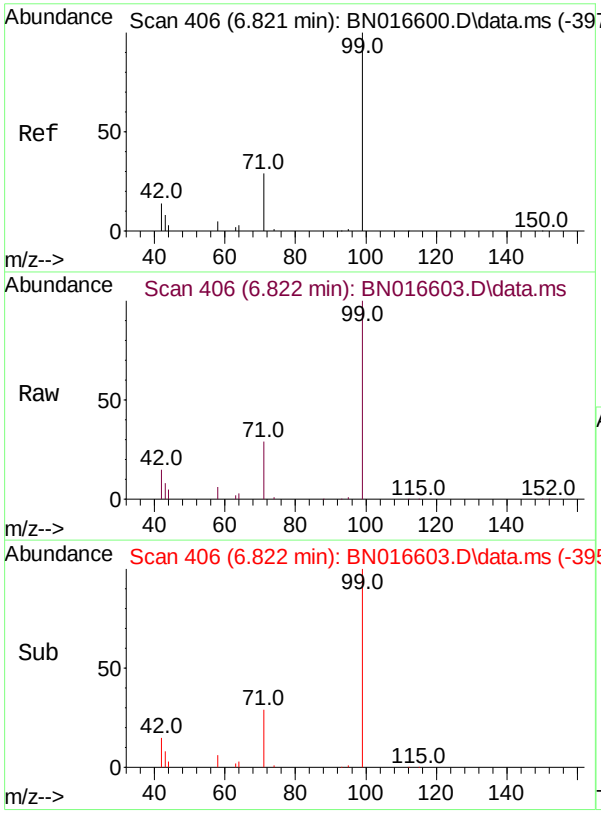


#4
2-Fluorophenol
Concen: 3.203 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:112 Resp: 224450

Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.1	64.7
63	27.2	21.6	32.4

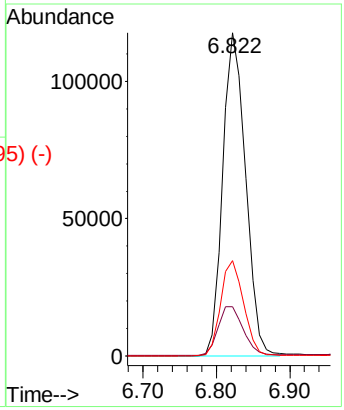
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

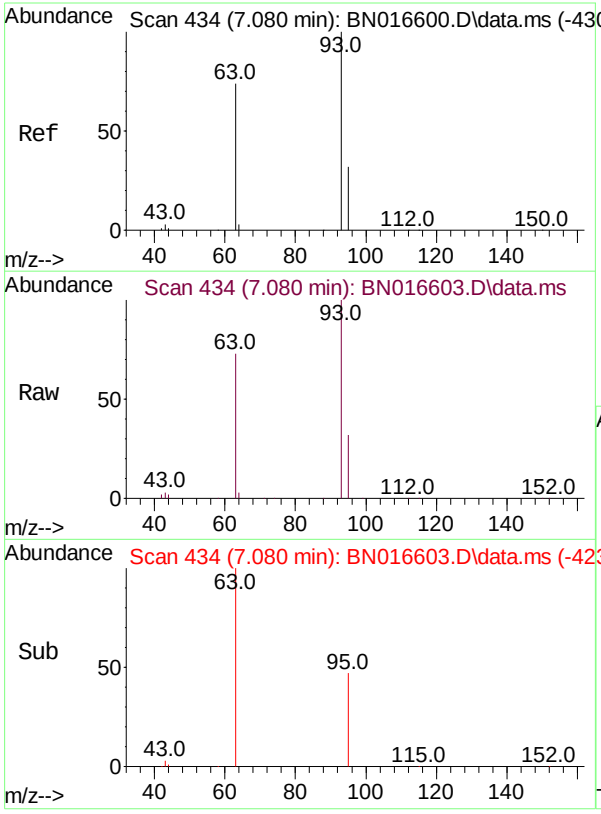


#5
Phenol-d6
Concen: 3.391 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion: 99 Resp: 254395

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.0	19.6
71	29.5	23.5	35.3

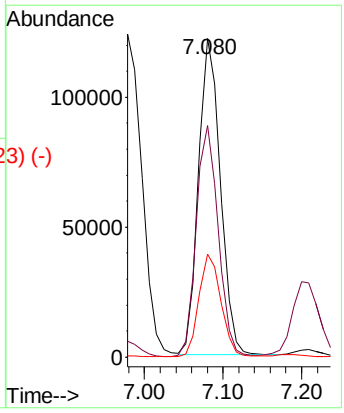




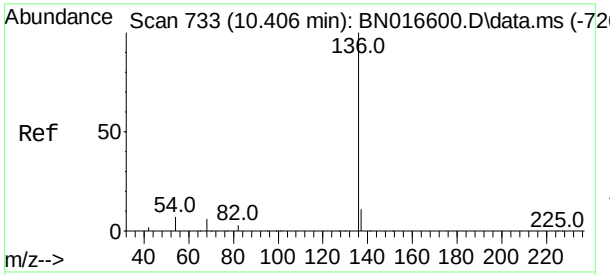
#6
bis(2-Chloroethyl)ether
Concen: 3.171 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

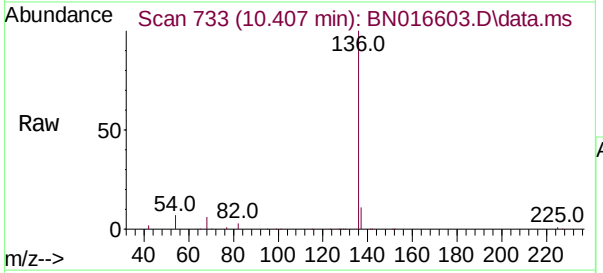
Tgt Ion: 93 Resp: 235515

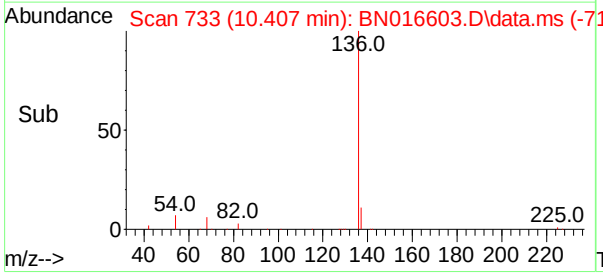
Ion	Ratio	Lower	Upper
93	100		
63	73.5	59.1	88.7
95	32.7	26.2	39.4



Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



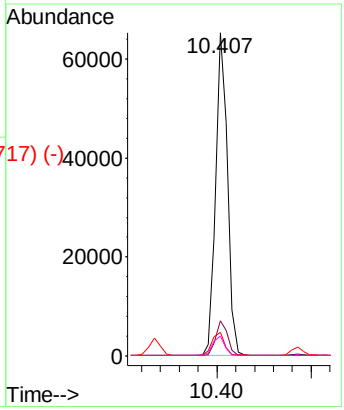


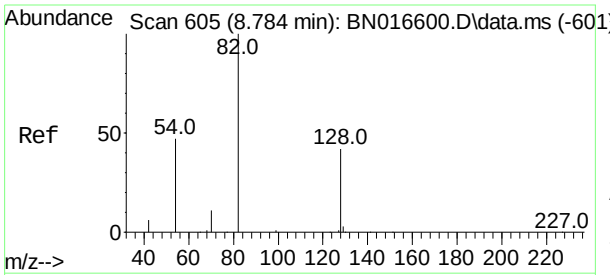


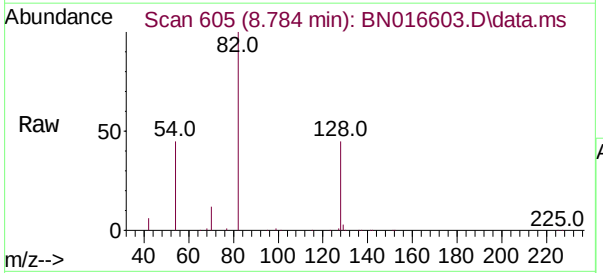
#7 (-)
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

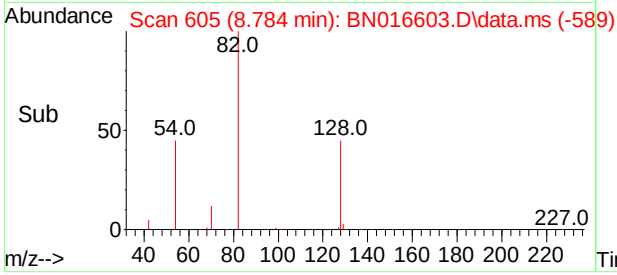
Tgt Ion:136 Resp: 113468

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.4	5.9	8.9
68	6.2	5.0	7.6





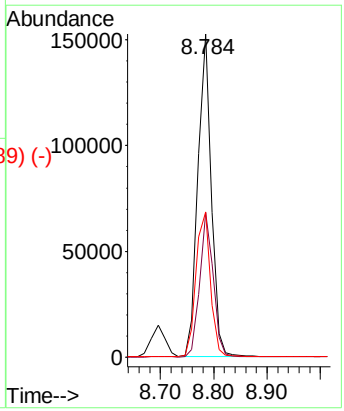




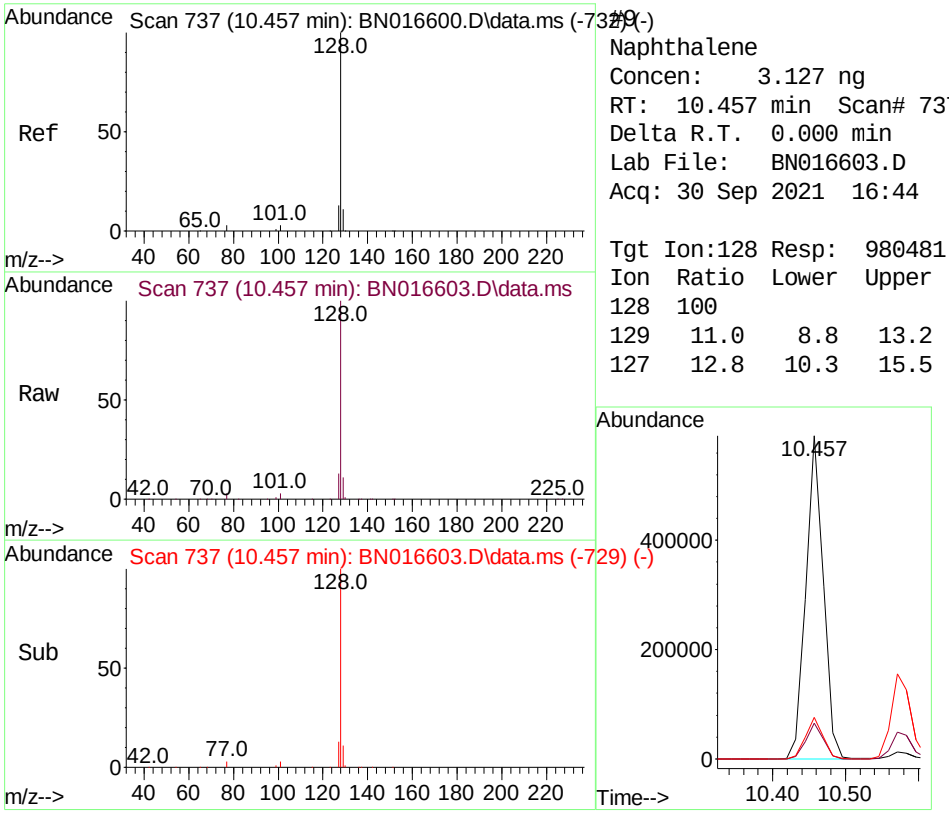
#8
Nitrobenzene-d5
Concen: 3.727 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion: 82 Resp: 265729

Ion	Ratio	Lower	Upper
82	100		
128	44.7	33.6	50.4
54	45.0	37.6	56.4



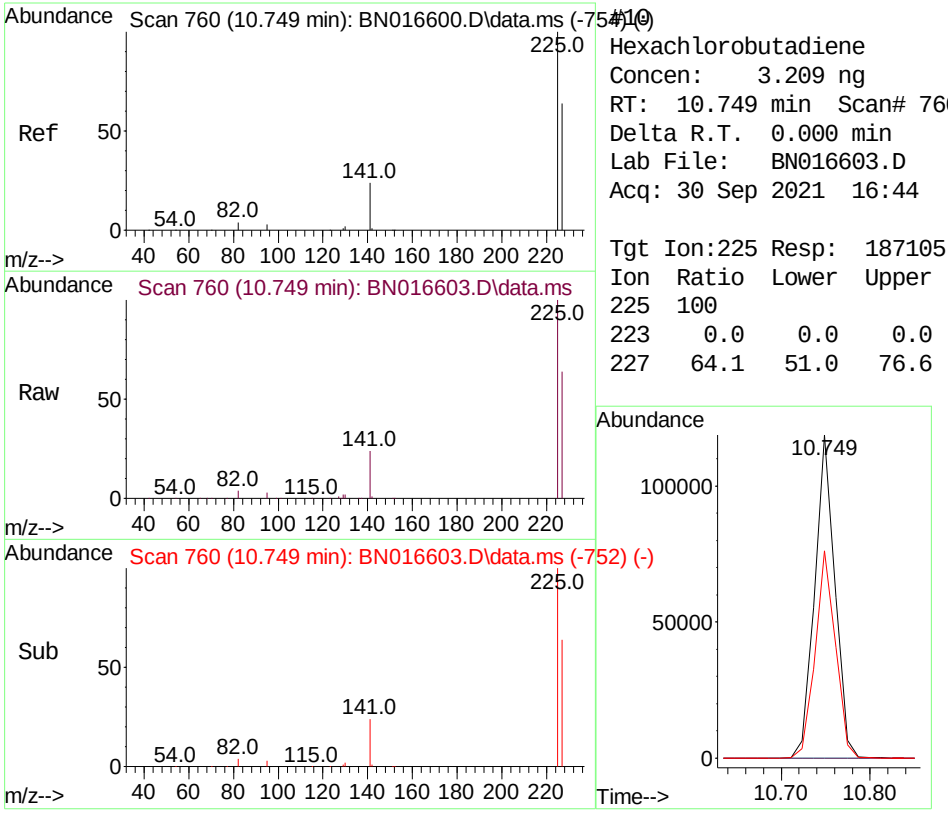
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#9
Naphthalene
Concen: 3.127 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:128 Resp: 980481

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.8	10.3	15.5

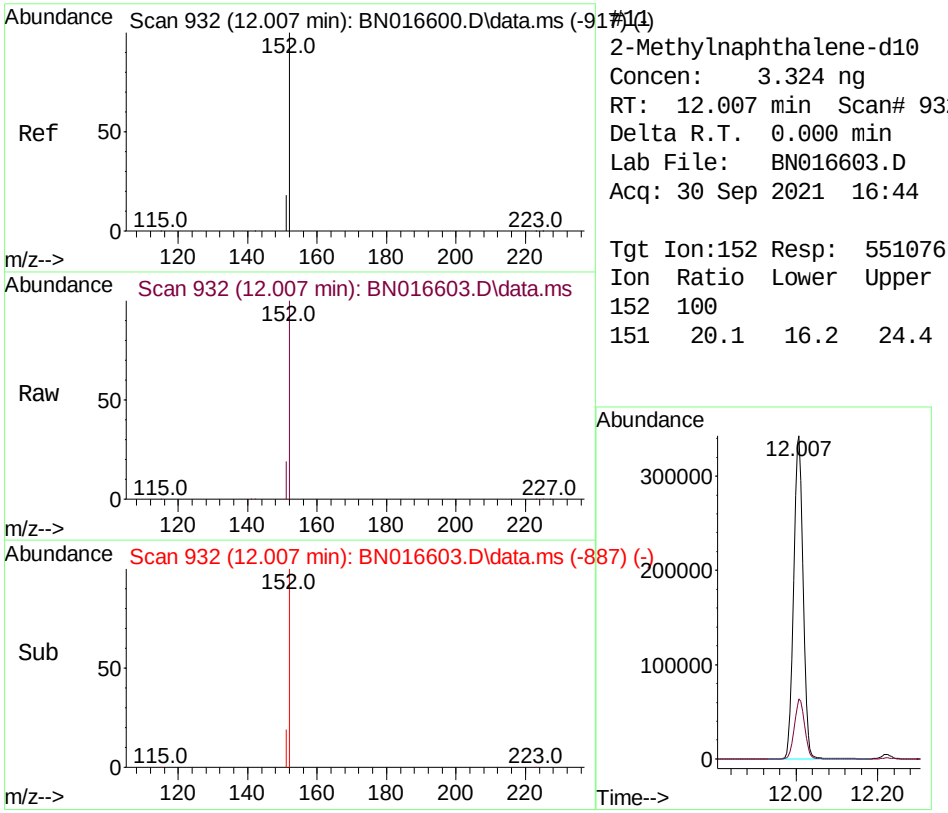


#10
Hexachlorobutadiene
Concen: 3.209 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:225 Resp: 187105

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.0	76.6

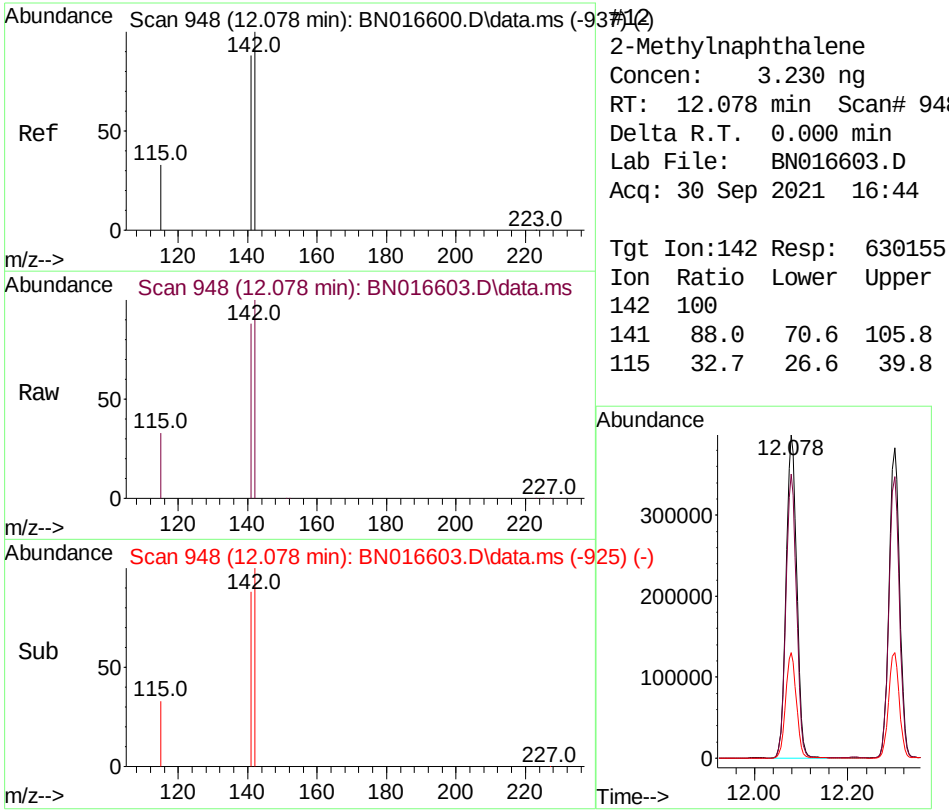
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#11
2-Methylnaphthalene-d10
Concen: 3.324 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:152 Resp: 551076

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

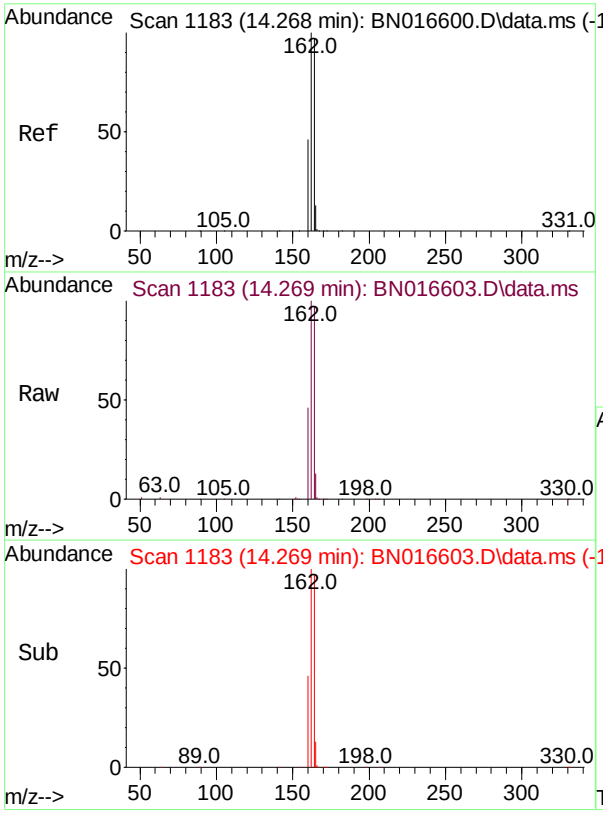


#12
2-Methylnaphthalene
Concen: 3.230 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:142 Resp: 630155

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	32.7	26.6	39.8

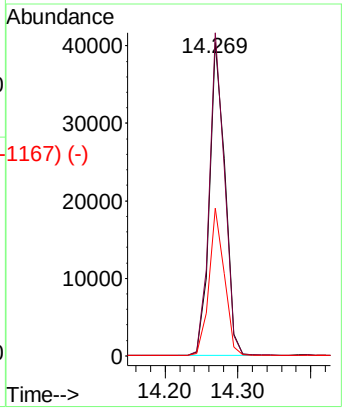
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

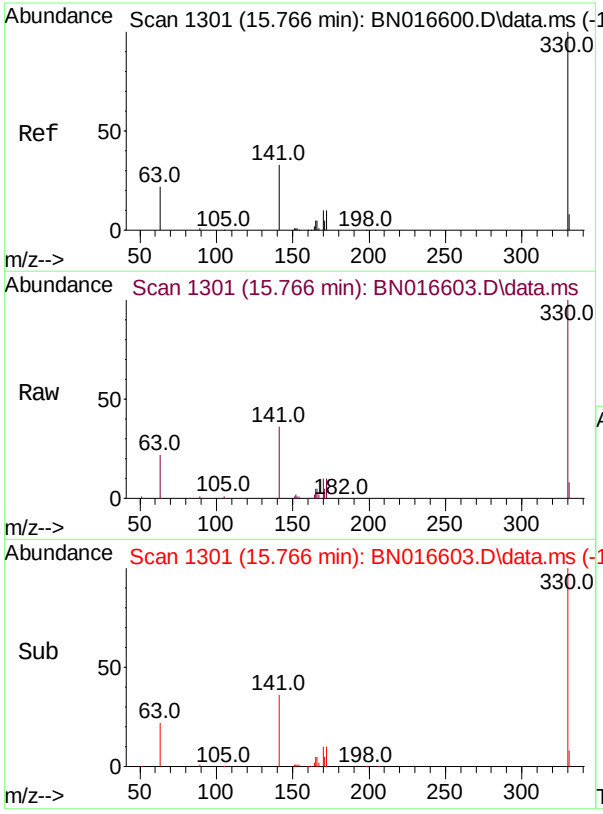


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:164 Resp: 60204

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.2	123.2
160	47.1	37.7	56.5

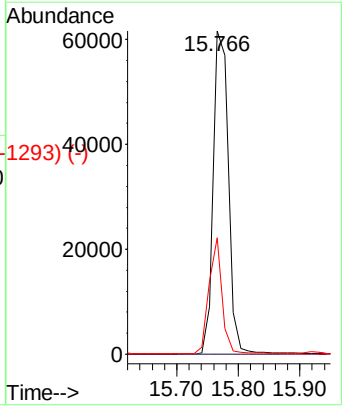




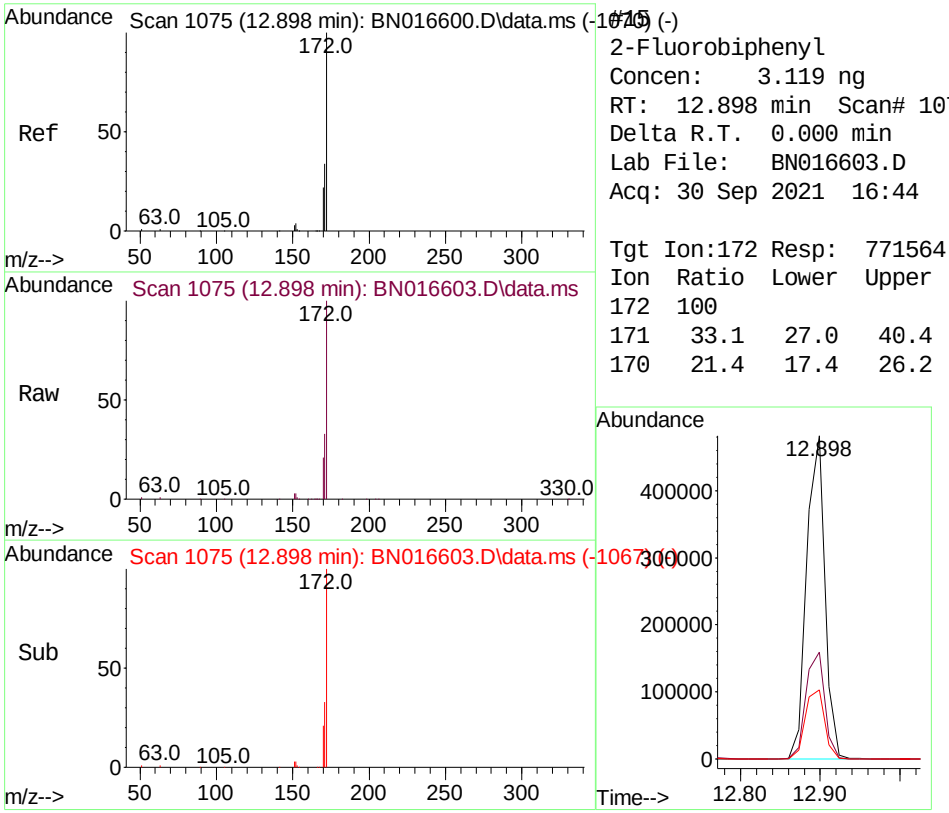
#14
2,4,6-Tribromophenol
Concen: 3.828 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:330 Resp: 105089

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.0	25.2	37.8



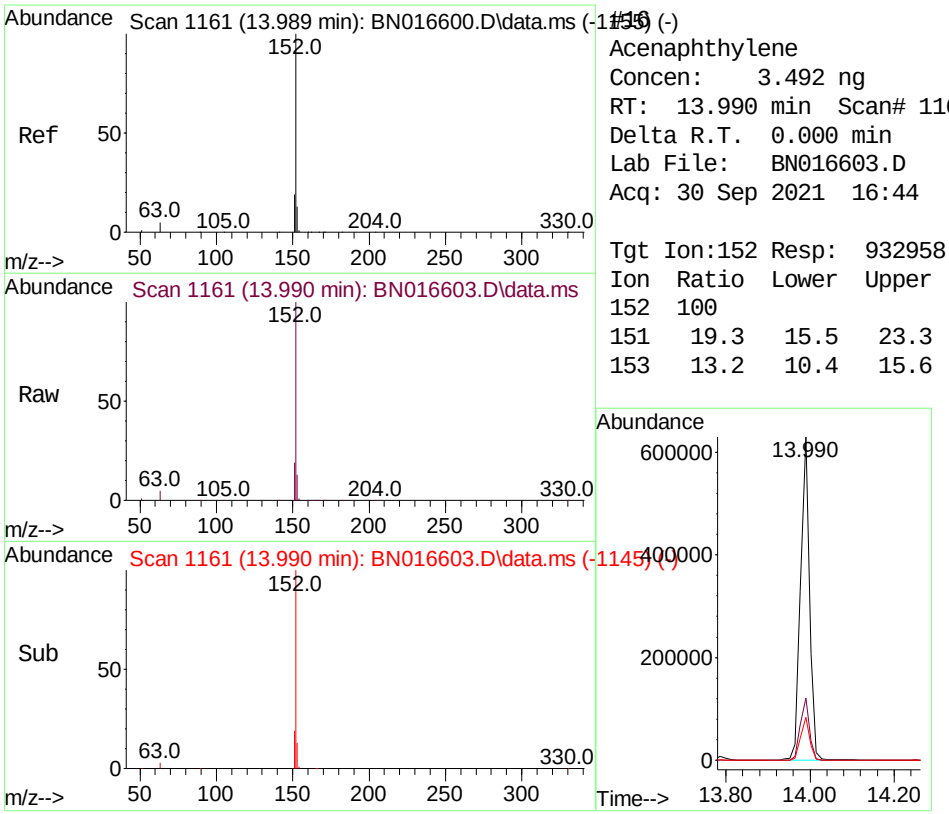
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#15
2-Fluorobiphenyl
Concen: 3.119 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:172 Resp: 771564

Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.0	40.4
170	21.4	17.4	26.2

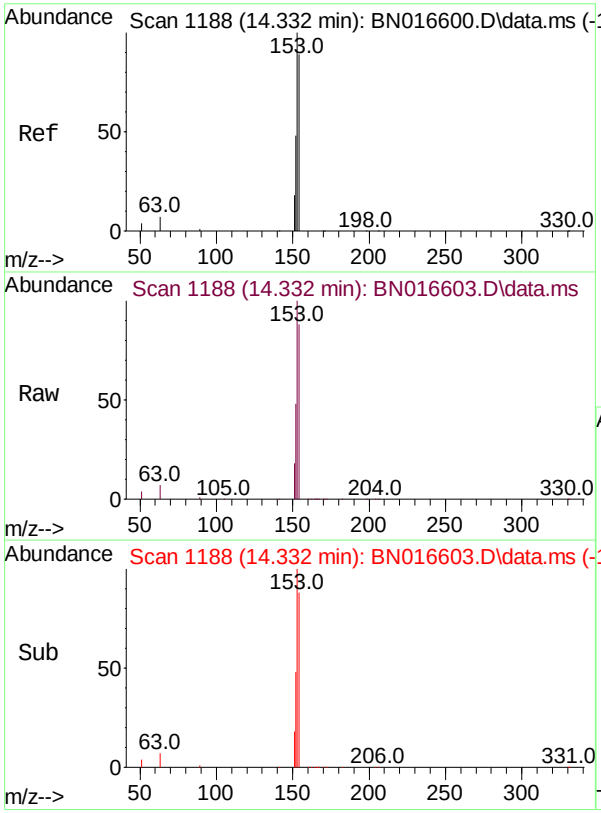


#16
Acenaphthylene
Concen: 3.492 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:152 Resp: 932958

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.2	10.4	15.6

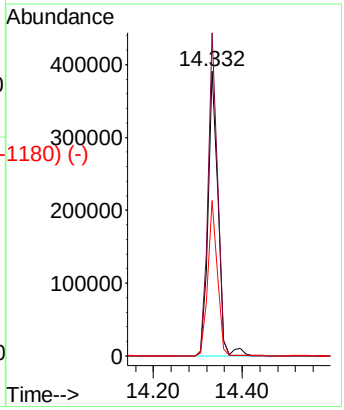
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

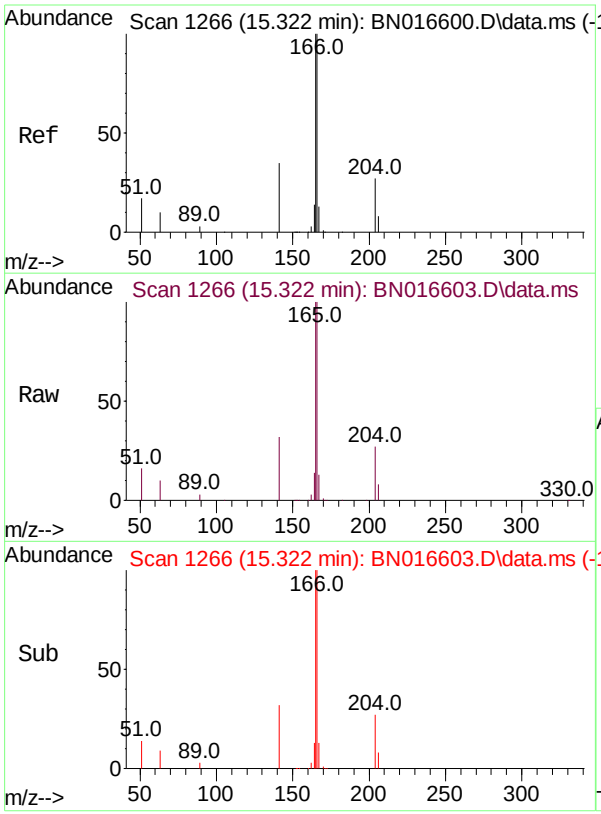


#17
Acenaphthene
Concen: 3.361 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:154 Resp: 595612

Ion	Ratio	Lower	Upper
154	100		
153	108.8	90.2	135.2
152	52.3	44.0	66.0

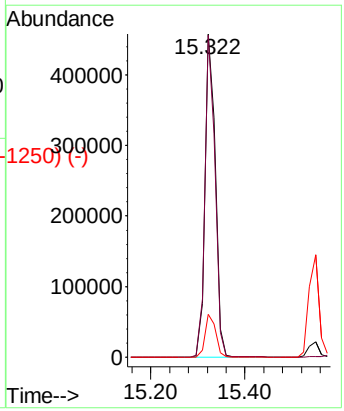




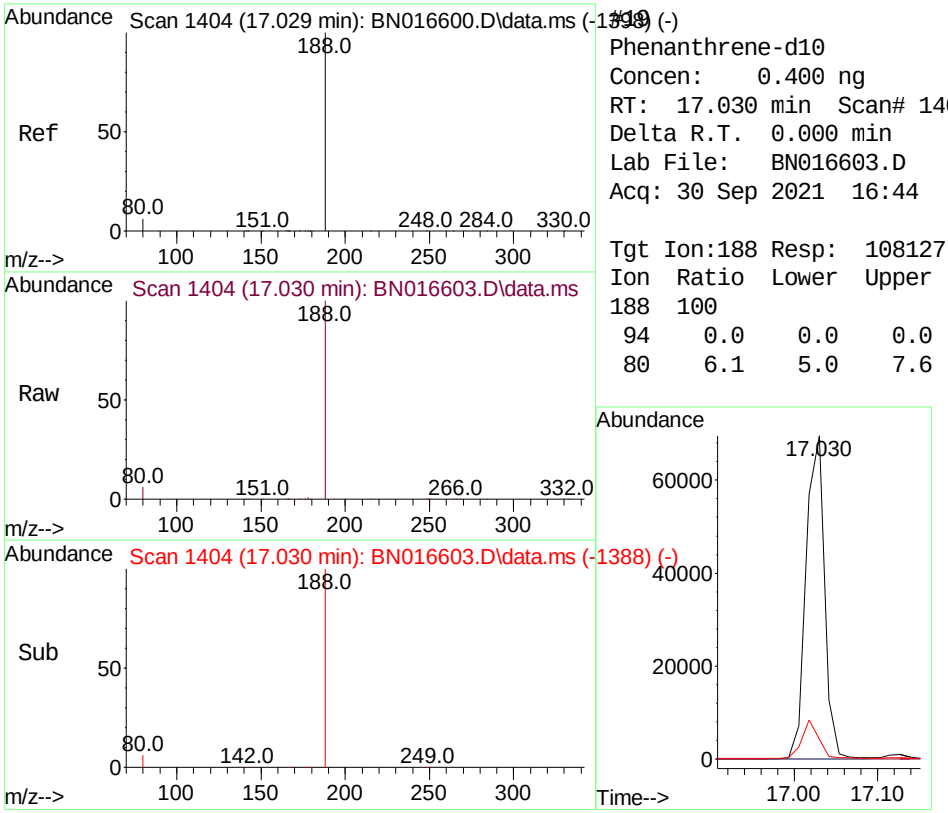
#18
Fluorene
Concen: 3.330 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:166 Resp: 701130

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	13.5	10.7	16.1



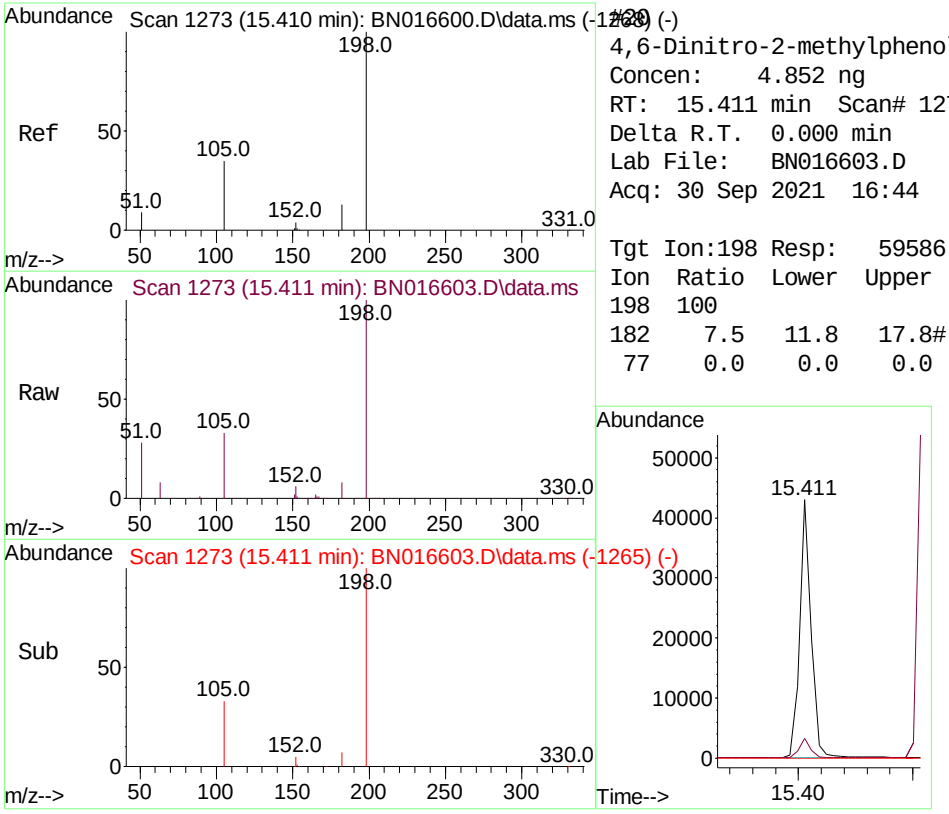
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:188 Resp: 108127

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	5.0	7.6

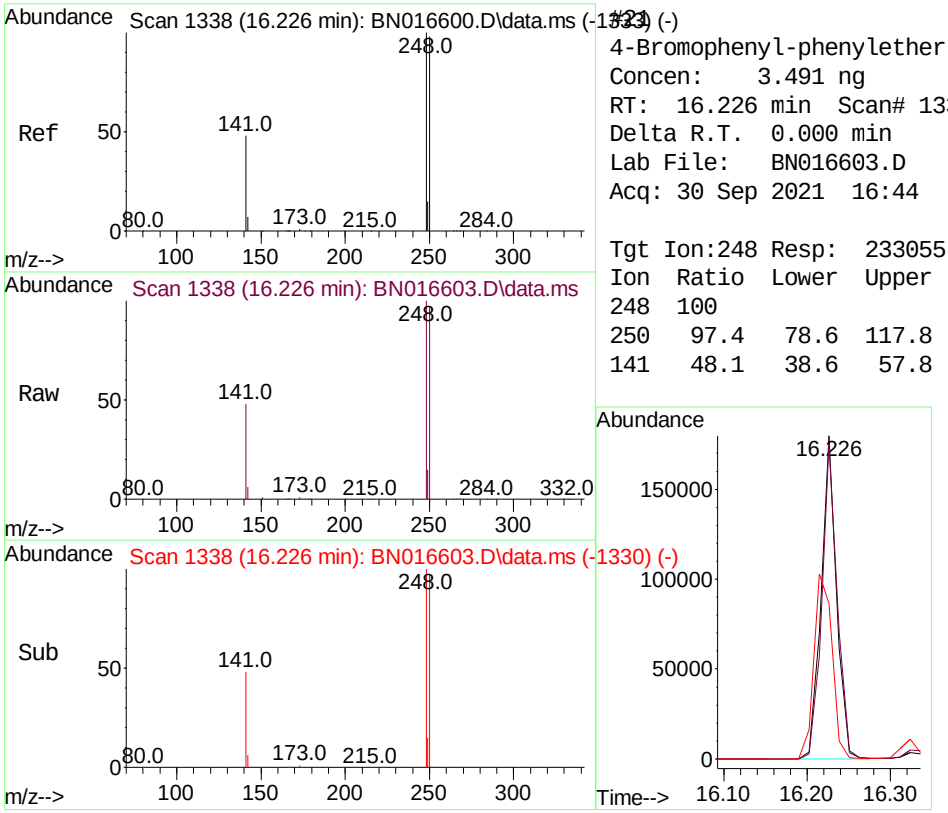


#20
4,6-Dinitro-2-methylphenol
Concen: 4.852 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:198 Resp: 59586

Ion	Ratio	Lower	Upper
198	100		
182	7.5	11.8	17.8#
77	0.0	0.0	0.0

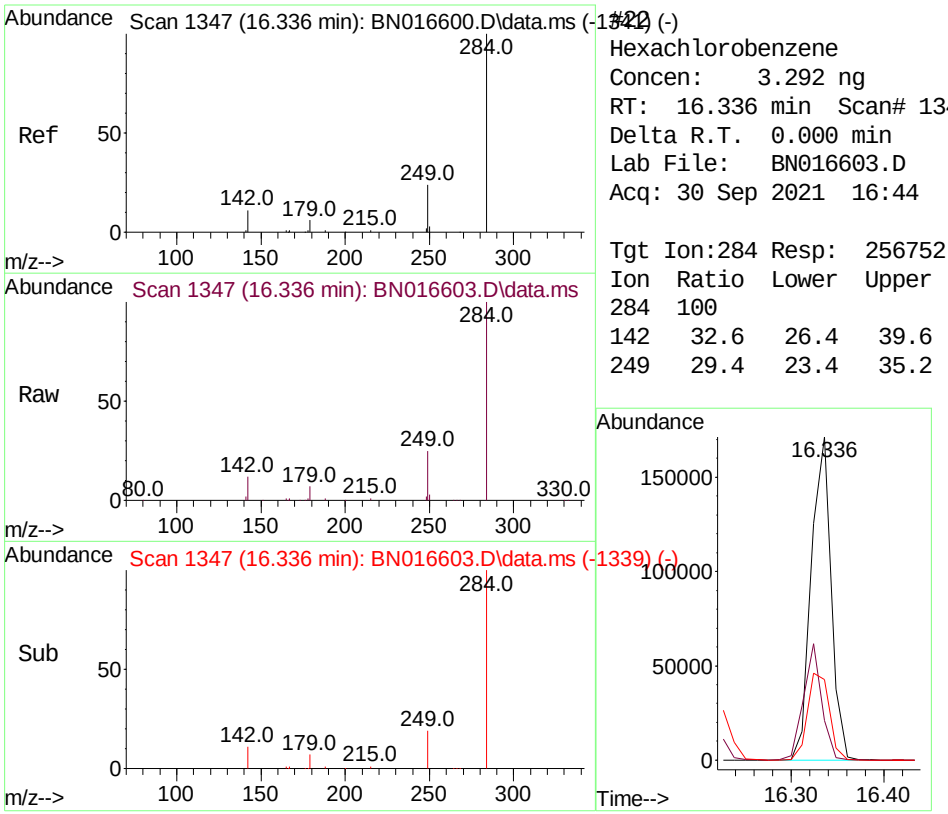
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#21
4-Bromophenyl-phenylether
Concen: 3.491 ng
RT: 16.226 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:248 Resp: 233055

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.6	117.8
141	48.1	38.6	57.8

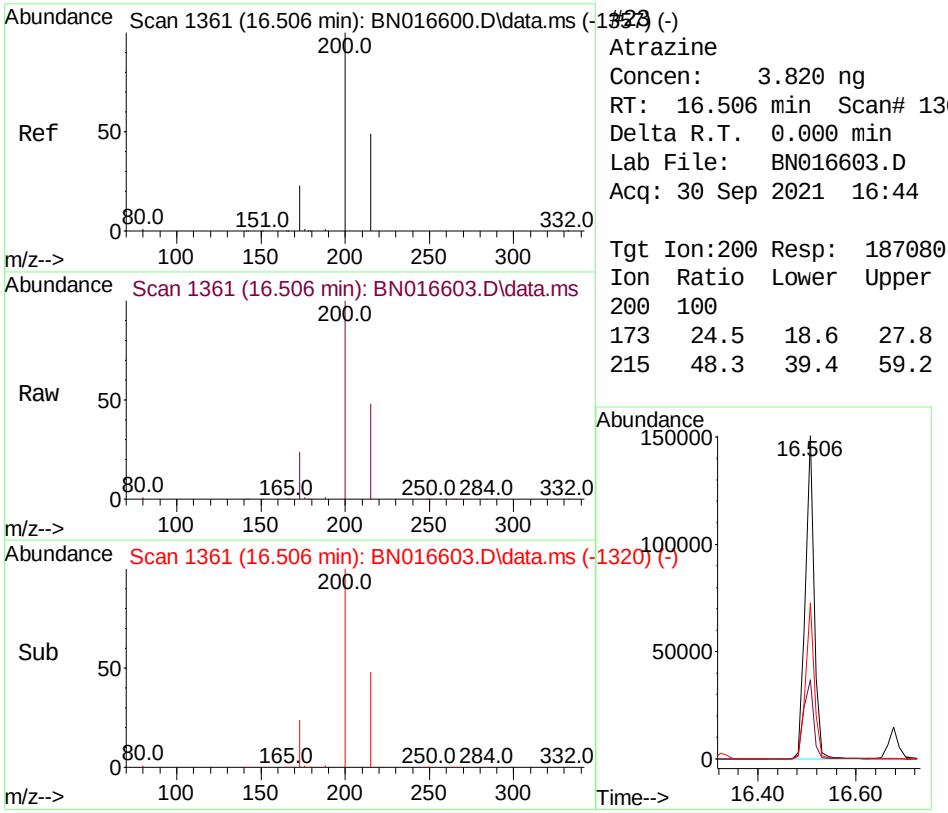


#22
Hexachlorobenzene
Concen: 3.292 ng
RT: 16.336 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:284 Resp: 256752

Ion	Ratio	Lower	Upper
284	100		
142	32.6	26.4	39.6
249	29.4	23.4	35.2

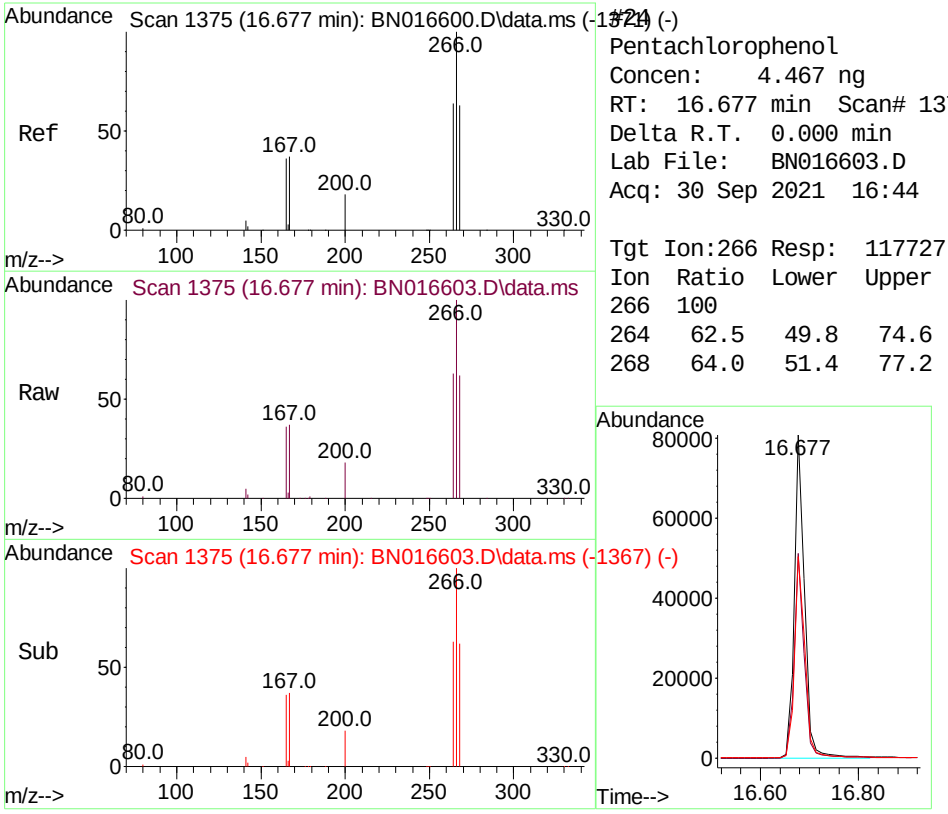
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#23
Atrazine
Concen: 3.820 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:200 Resp: 187080

Ion	Ratio	Lower	Upper
200	100		
173	24.5	18.6	27.8
215	48.3	39.4	59.2

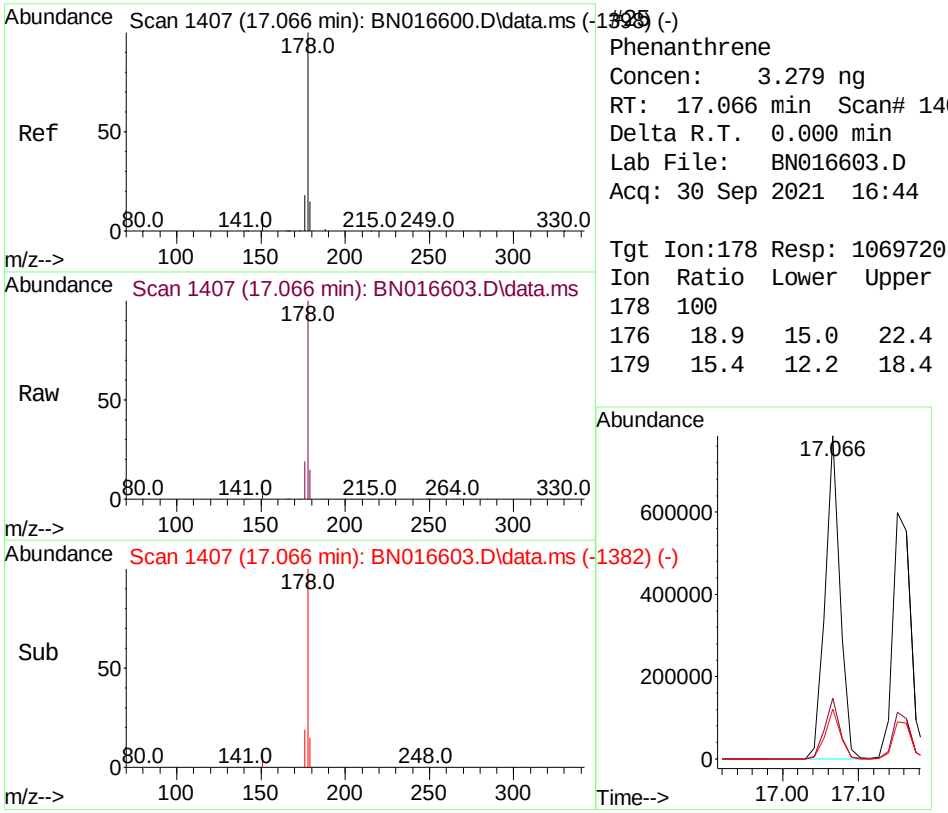


#24
Pentachlorophenol
Concen: 4.467 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:266 Resp: 117727

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.8	74.6
268	64.0	51.4	77.2

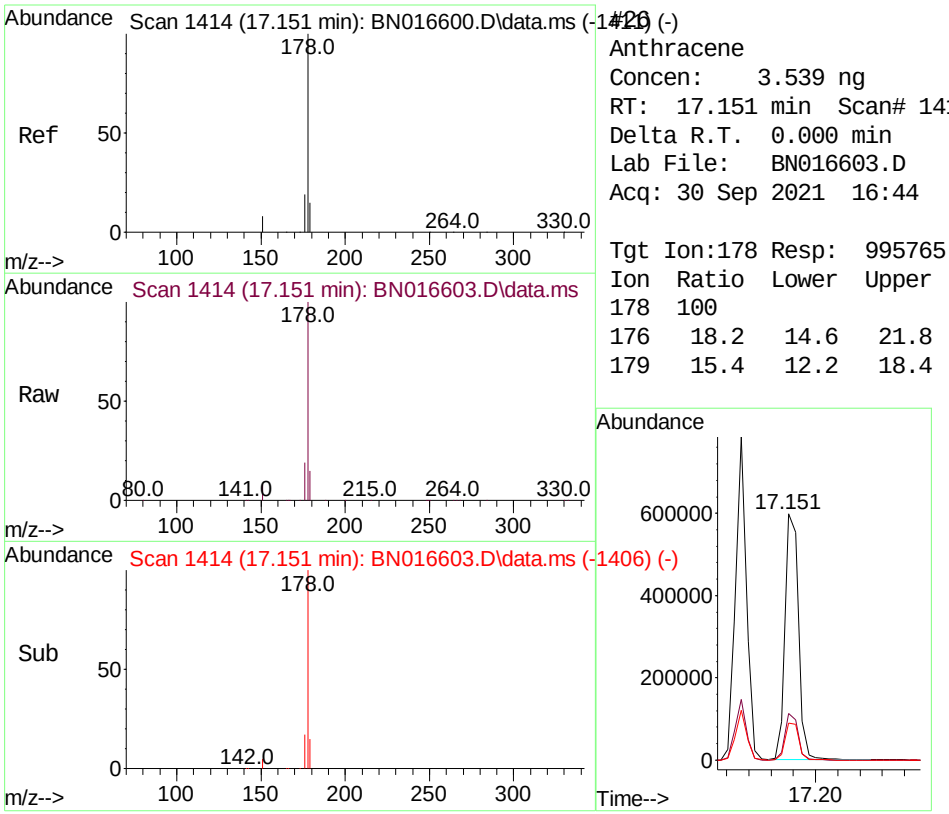
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#25
Phenanthrene
Concen: 3.279 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:178 Resp: 1069720

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.4	12.2	18.4

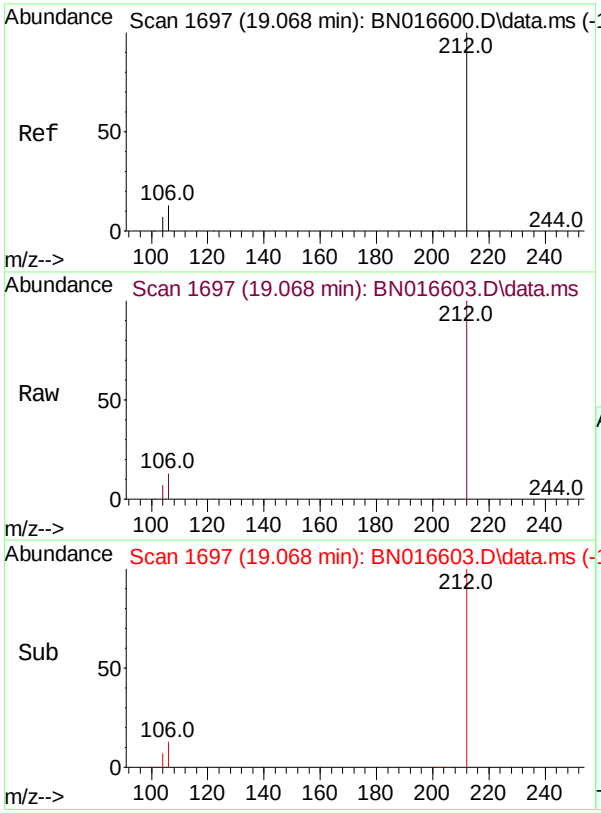


#26
Anthracene
Concen: 3.539 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:178 Resp: 995765

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.4	12.2	18.4

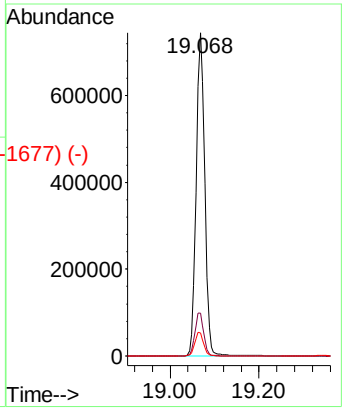
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

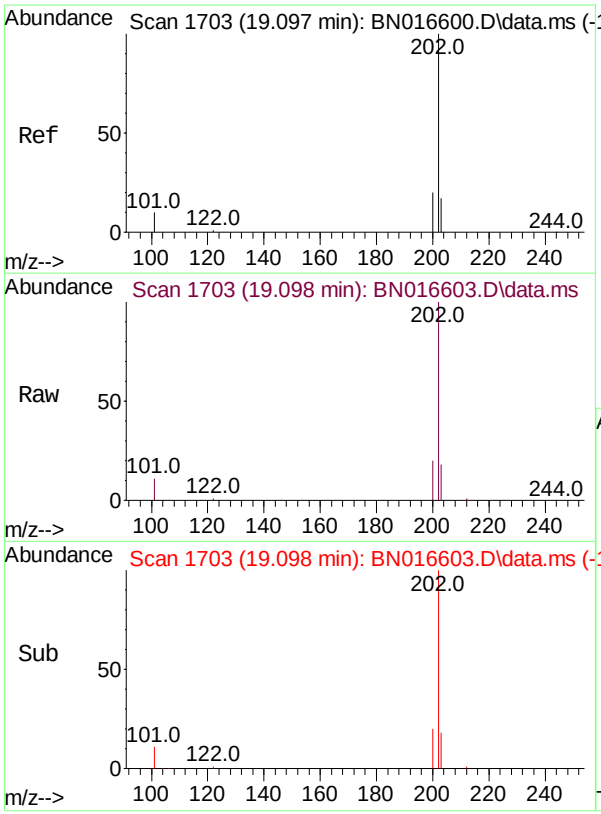


#27
Fluoranthene-d10
Concen: 3.330 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:212 Resp: 986646

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.6	16.0
104	7.4	5.9	8.9

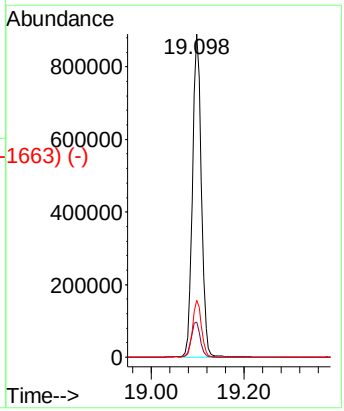




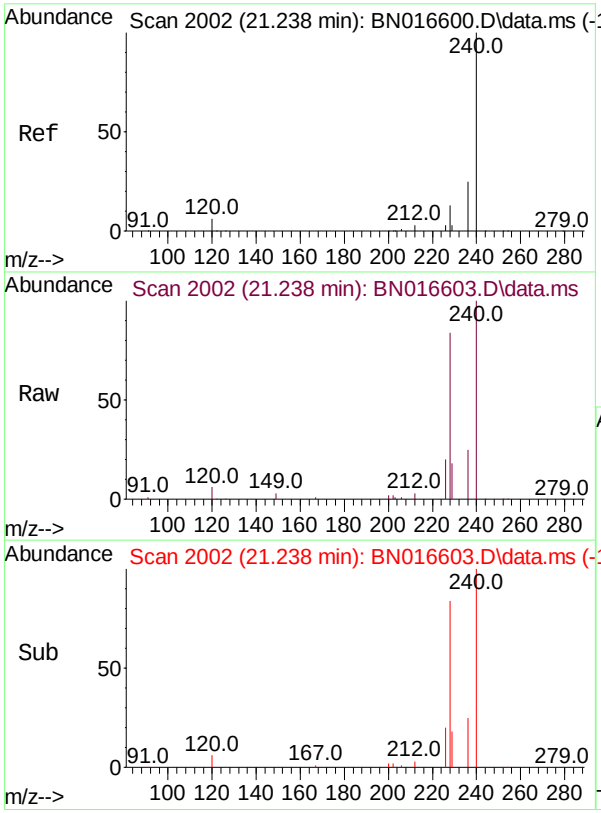
#28
Fluoranthene
Concen: 3.241 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:202 Resp: 1164713

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
203	17.6	13.8	20.6



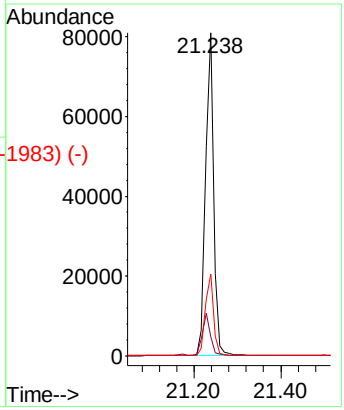
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

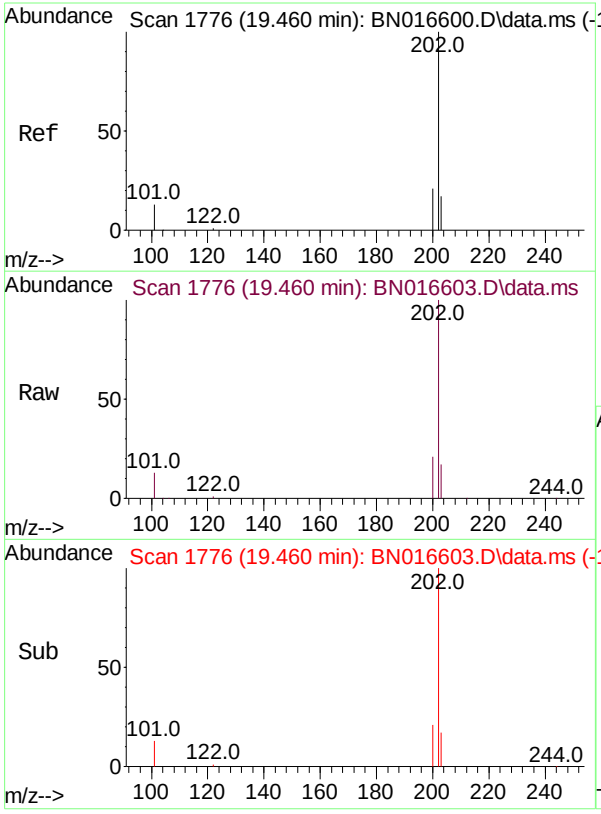


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:240 Resp: 105598

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.0	7.4
236	25.3	20.4	30.6

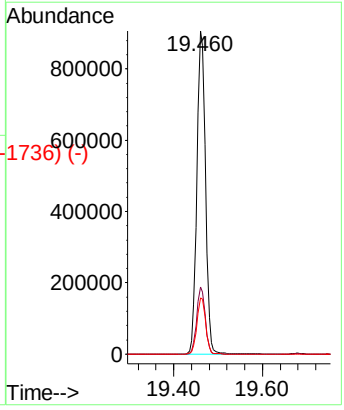




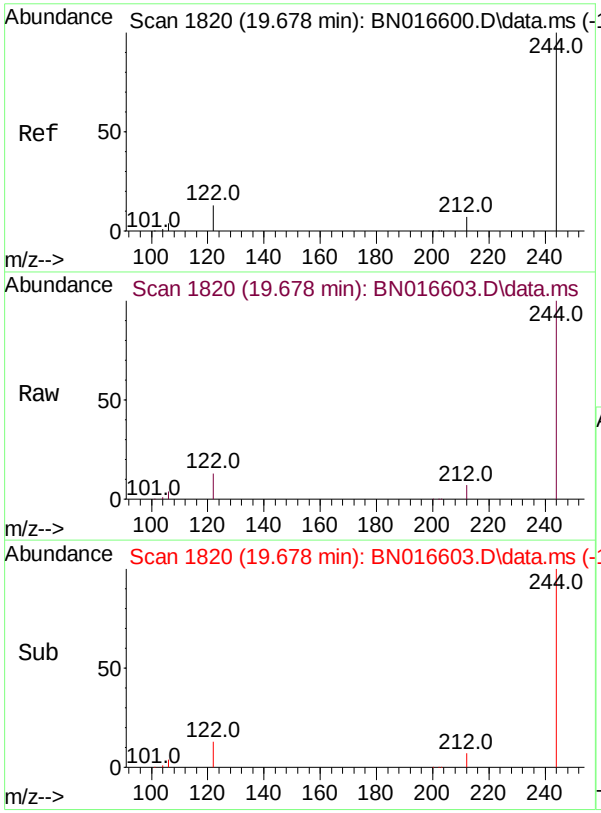
#30
Pyrene
Concen: 3.506 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:202 Resp: 1205628

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.6	14.0	21.0



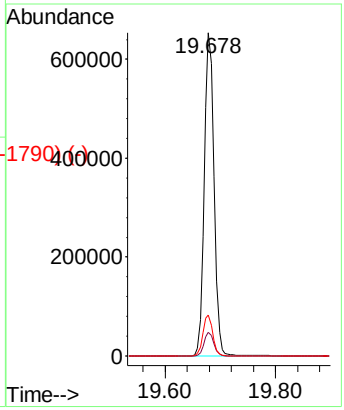
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

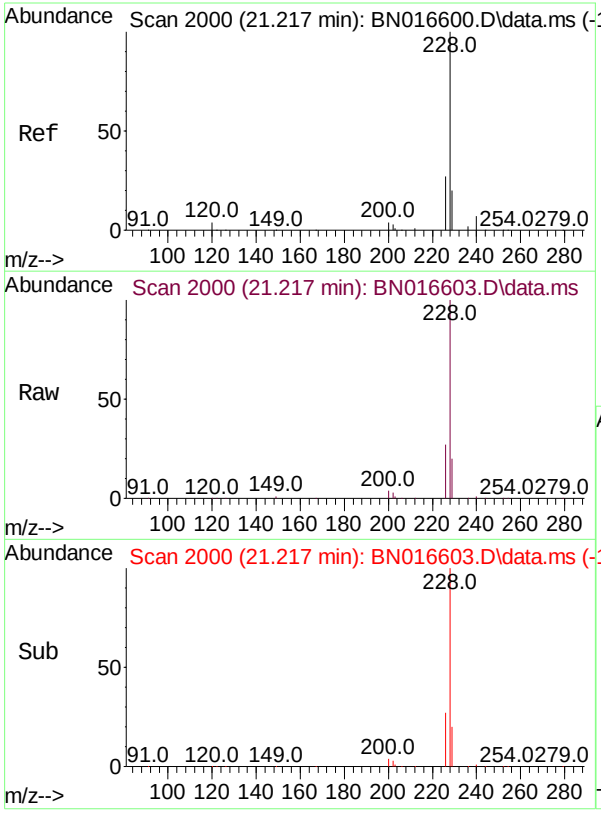


#31
Terphenyl-d14
Concen: 3.479 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:244 Resp: 798971

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.7	10.1	15.1

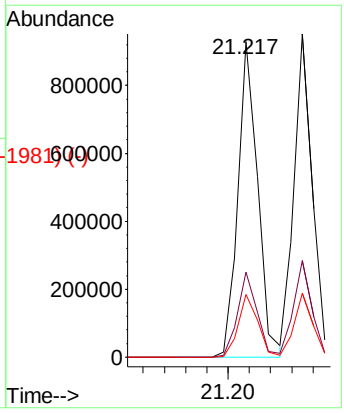




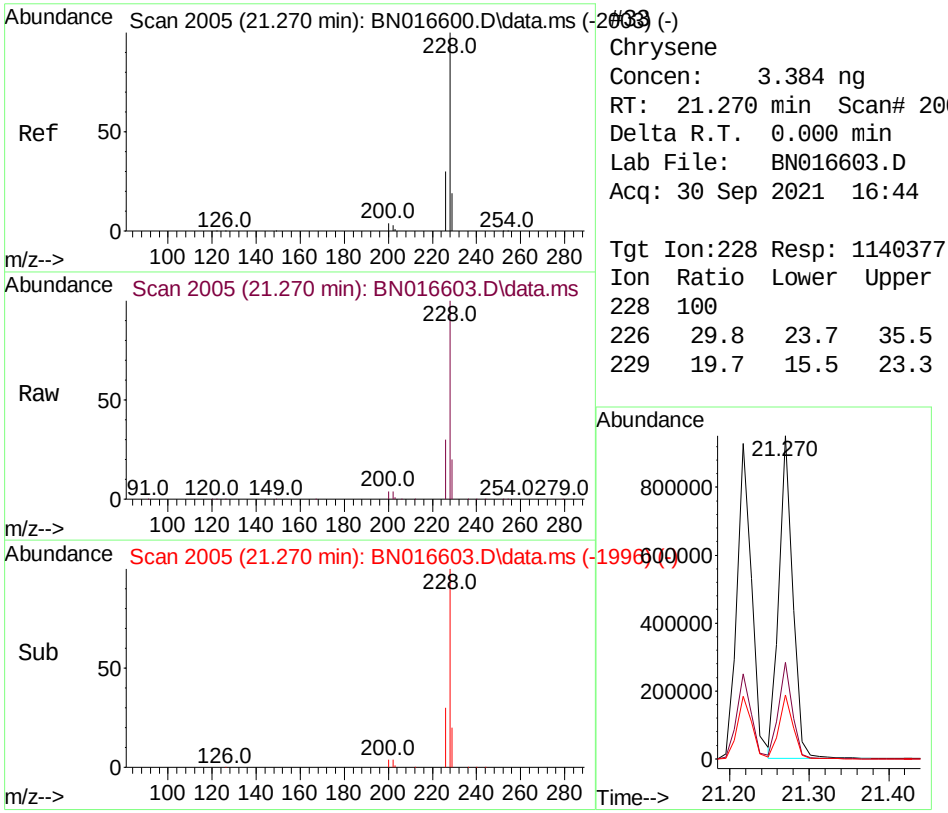
#32
Benzo(a)anthracene
Concen: 3.704 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:228 Resp: 1191666

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.9	32.9
229	19.8	15.7	23.5



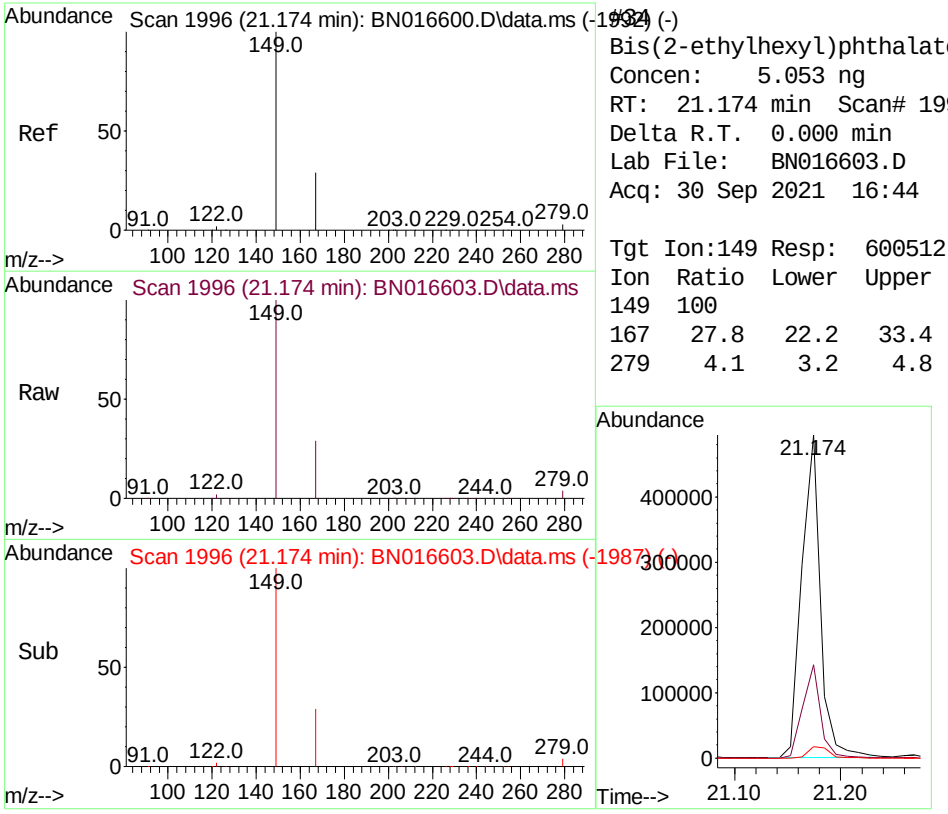
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#33
Chrysene
Concen: 3.384 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:228 Resp: 1140377

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	19.7	15.5	23.3

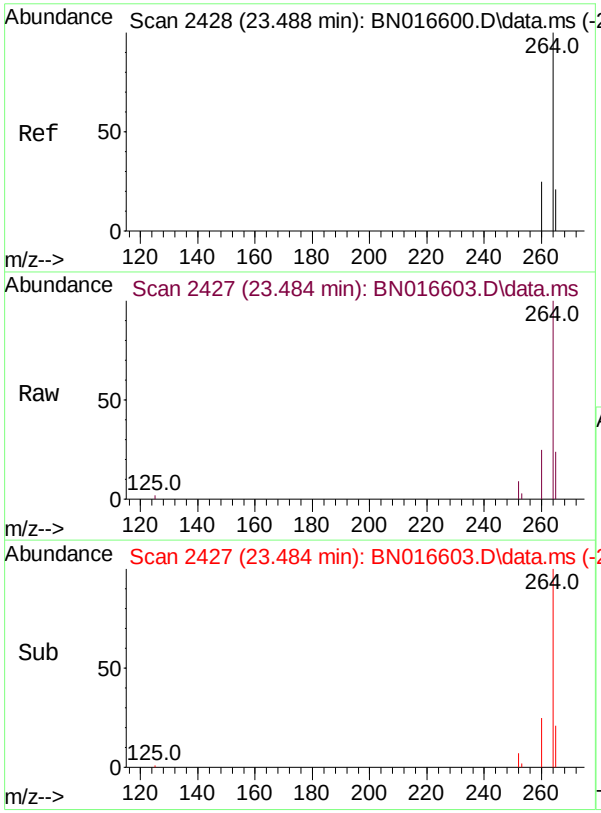


#34
Bis(2-ethylhexyl)phthalate
Concen: 5.053 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:149 Resp: 600512

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	4.1	3.2	4.8

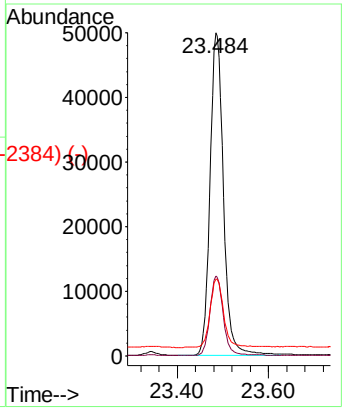
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

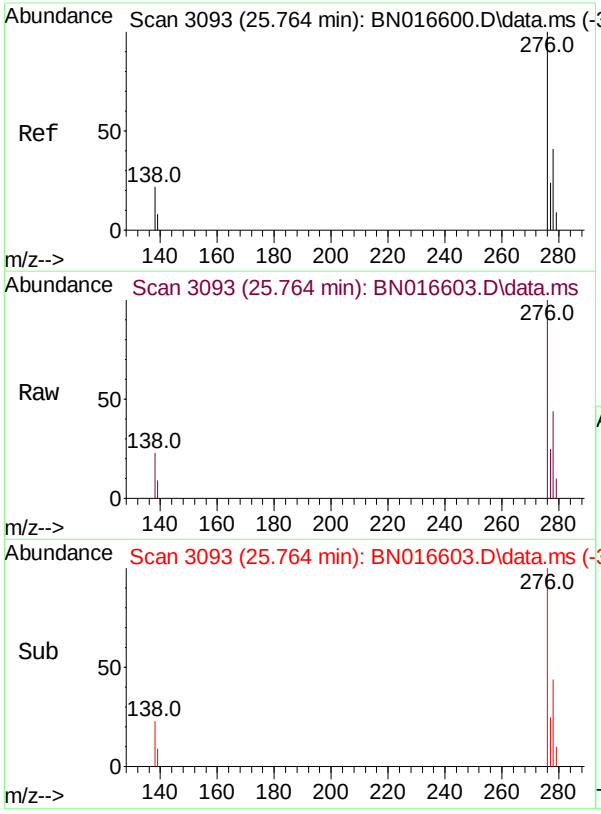


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.484 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:264 Resp: 101377

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	23.8	19.2	28.8

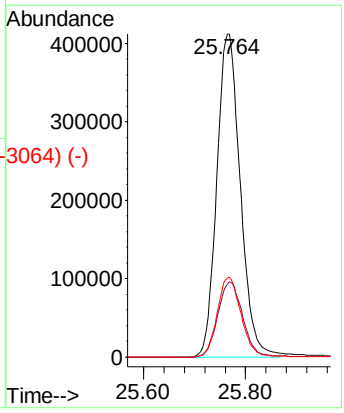




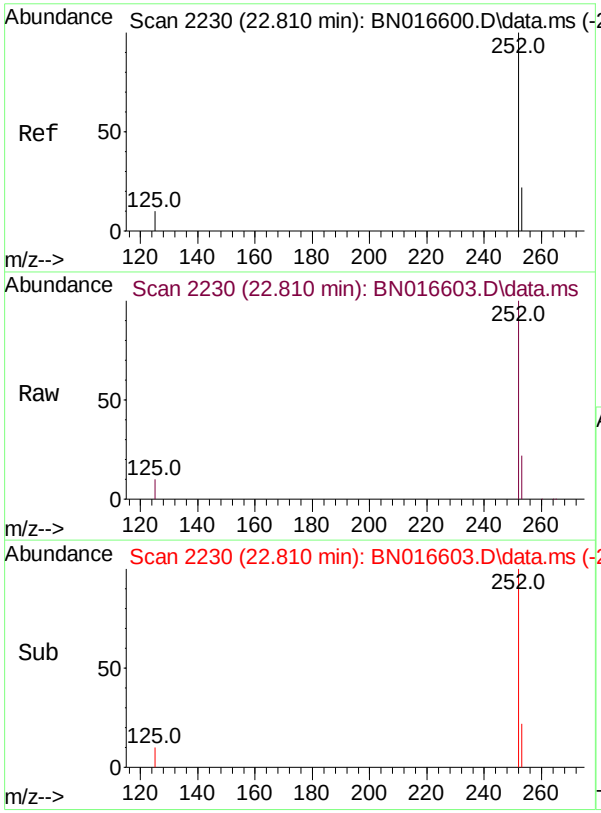
#36
Indeno(1,2,3-cd)pyrene
Concen: 3.477 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:276 Resp: 1312754

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.5	29.3
277	25.1	19.9	29.9



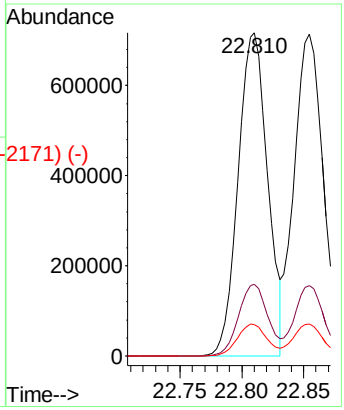
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

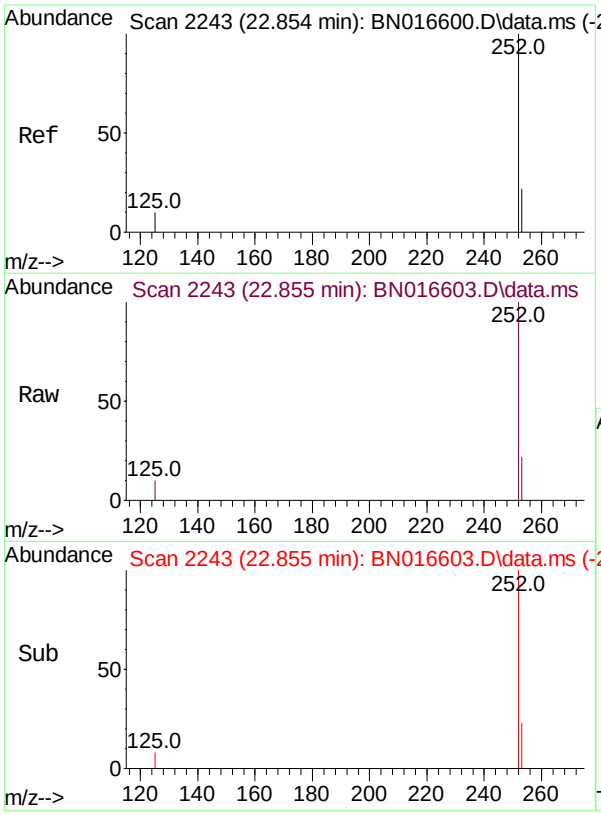


#37
Benzo(b)fluoranthene
Concen: 3.781 ng
RT: 22.810 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:252 Resp: 1186238

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.8	8.0	12.0

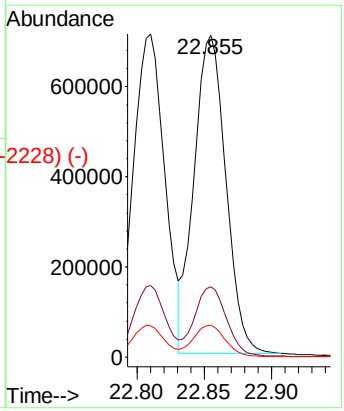




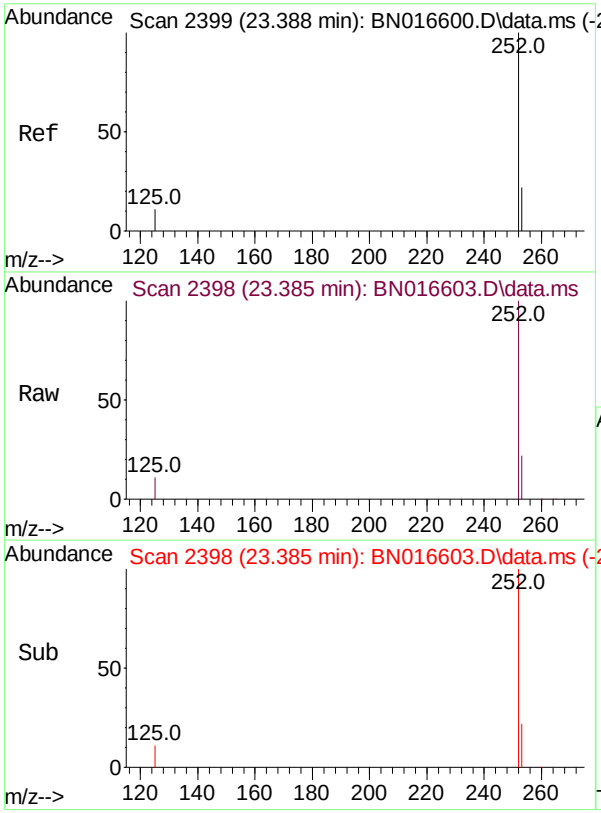
#38
Benzo(k)fluoranthene
Concen: 3.636 ng
RT: 22.855 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:252 Resp: 1155182

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.9	8.0	12.0



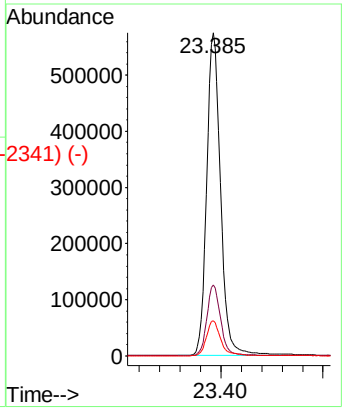
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

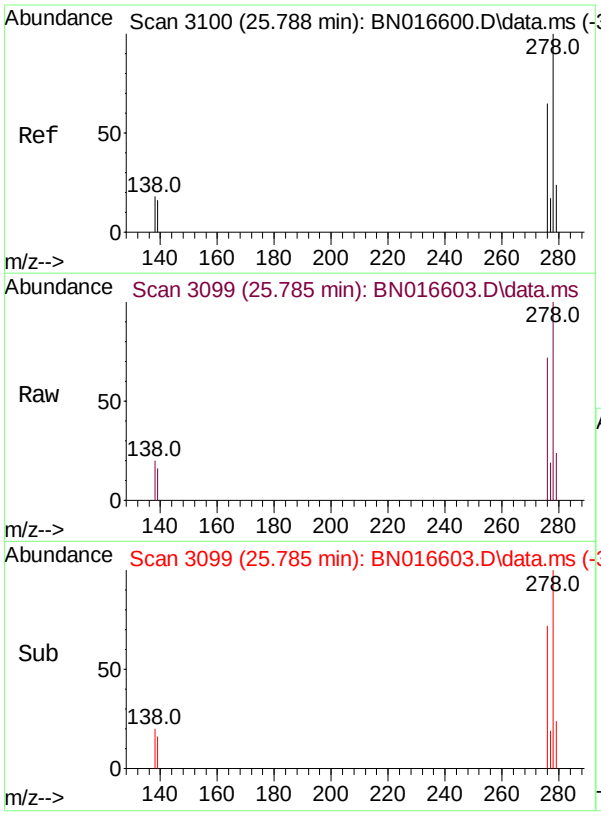


#39
Benzo(a)pyrene
Concen: 3.686 ng
RT: 23.385 min Scan# 2398
Delta R.T. -0.003 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:252 Resp: 1081189

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.8	9.0	13.4

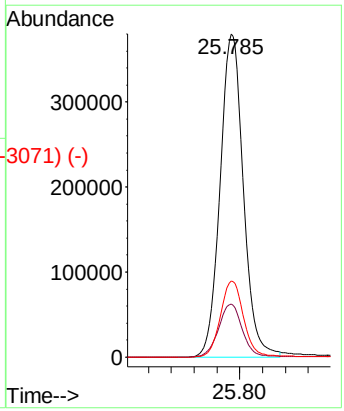


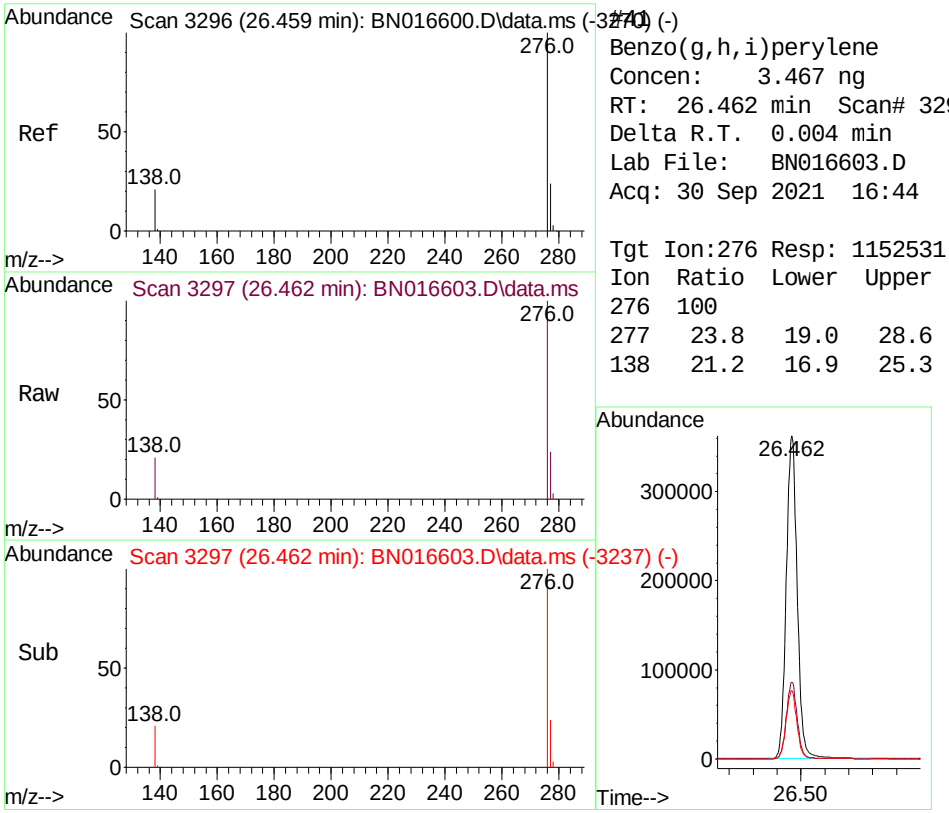


#40
Dibenzo(a,h)anthracene
Concen: 3.497 ng
RT: 25.785 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:278 Resp: 1067048

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	23.6	19.1	28.7





#41
Benzo(g,h,i)perylene
Concen: 3.467 ng
RT: 26.462 min Scan# 3297
Delta R.T. 0.004 min
Lab File: BN016603.D
Acq: 30 Sep 2021 16:44

Tgt Ion:276 Resp: 1152531

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	21.2	16.9	25.3

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2