Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016635.D
Acq On : 01 Oct 2021 14:42
Operator : CG/JU
Sample : M3990-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-836-K1-SO-1-1.5-092921MS

Quant Time: Oct 01 15:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	28059	0.400	ng		0.00
7) Naphthalene-d8	10.406	136	129235	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	68531	0.400	ng		0.00
19) Phenanthrene-d10	17.017	188	131648	0.400	ng		# 0.00
29) Chrysene-d12	21.227	240	127501	0.400	ng		#-0.01
35) Perylene-d12	23.481	264	130392	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	23858	0.334	ng		0.04
5) Phenol-d6	6.831	99	27111	0.347	ng		0.00
8) Nitrobenzene-d5	8.784	82	26470	0.314	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	68364	0.358	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	9701	0.311	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	81075	0.292	ng		0.00
27) Fluoranthene-d10	19.063	212	120527	0.344	ng		0.00
31) Terphenyl-d14	19.678	244	86078	0.310	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.594	42	8452	0.408	ng	#	93
6) bis(2-Chloroethyl)ether	7.080	93	29483	0.387	ng		99
9) Naphthalene	10.457	128	124720	0.355	ng		100
10) Hexachlorobutadiene	10.749	225	23470	0.356	ng	#	100
12) 2-Methylnaphthalene	12.078	142	84110	0.375	ng		99
16) Acenaphthylene	13.989	152	110282	0.368	ng		100
17) Acenaphthene	14.332	154	71389	0.354	ng		99
18) Fluorene	15.322	166	88299	0.370	ng		100
20) 4,6-Dinitro-2-methylph...	15.410	198	1688	0.236	ng		94
21) 4-Bromophenyl-phenylether	16.226	248	30147	0.369	ng		94
22) Hexachlorobenzene	16.324	284	32895	0.347	ng		99
23) Atrazine	16.506	200	22454	0.378	ng		99
24) Pentachlorophenol	16.677	266	16010	0.511	ng		99
25) Phenanthrene	17.066	178	142722	0.360	ng		99
26) Anthracene	17.151	178	129161	0.378	ng		100
28) Fluoranthene	19.093	202	163714	0.383	ng		100
30) Pyrene	19.460	202	165511	0.401	ng		100
32) Benzo(a)anthracene	21.217	228	152388	0.389	ng		99
33) Chrysene	21.270	228	156849	0.396	ng		99
34) Bis(2-ethylhexyl)phtha...	21.164	149	143064	0.917	ng		100
36) Indeno(1,2,3-cd)pyrene	25.757	276	184971	0.398	ng		100
37) Benzo(b)fluoranthene	22.803	252	167539	0.400	ng		99
38) Benzo(k)fluoranthene	22.848	252	159392	0.385	ng	#	96
39) Benzo(a)pyrene	23.382	252	154323	0.413	ng		99
40) Dibenzo(a,h)anthracene	25.778	278	146298	0.390	ng		99
41) Benzo(g,h,i)perylene	26.452	276	164297	0.399	ng		99

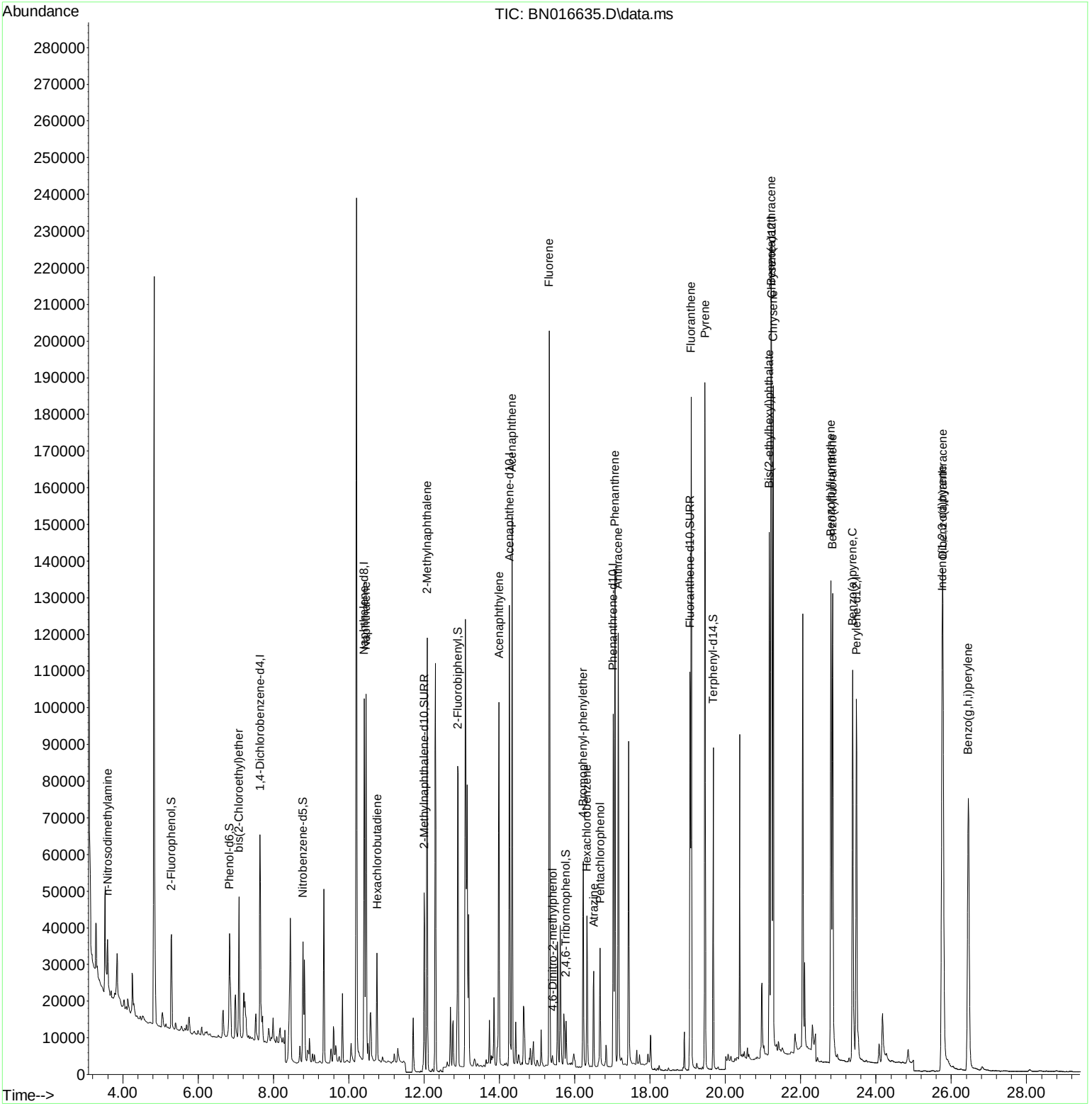
(#) = qualifier out of range (m) = manual integration (+) = signals summed

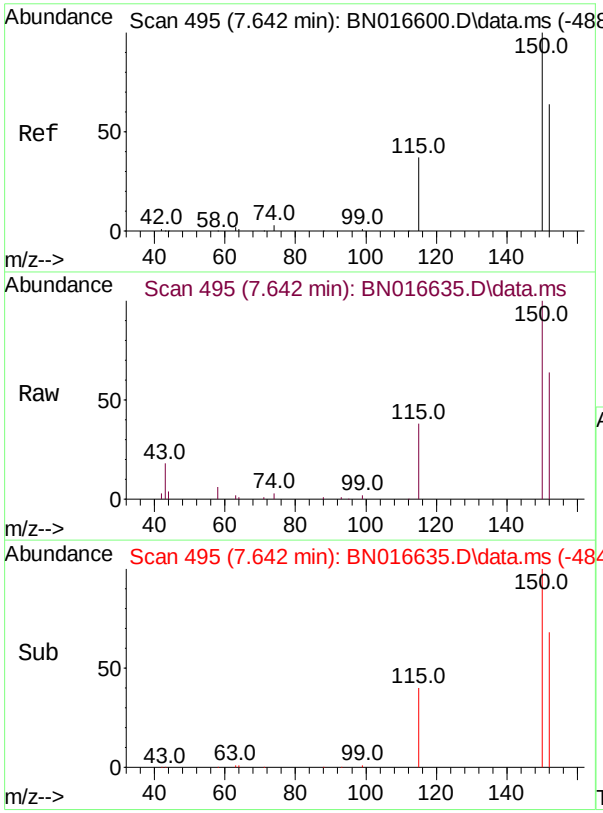
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016635.D
Acq On : 01 Oct 2021 14:42
Operator : CG/JU
Sample : M3990-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

Quant Time: Oct 01 15:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

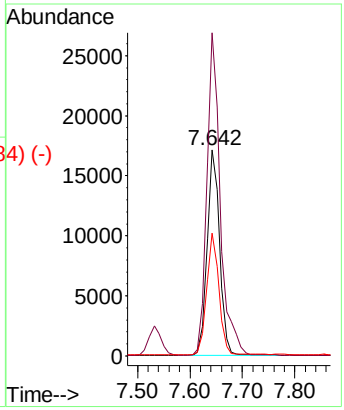




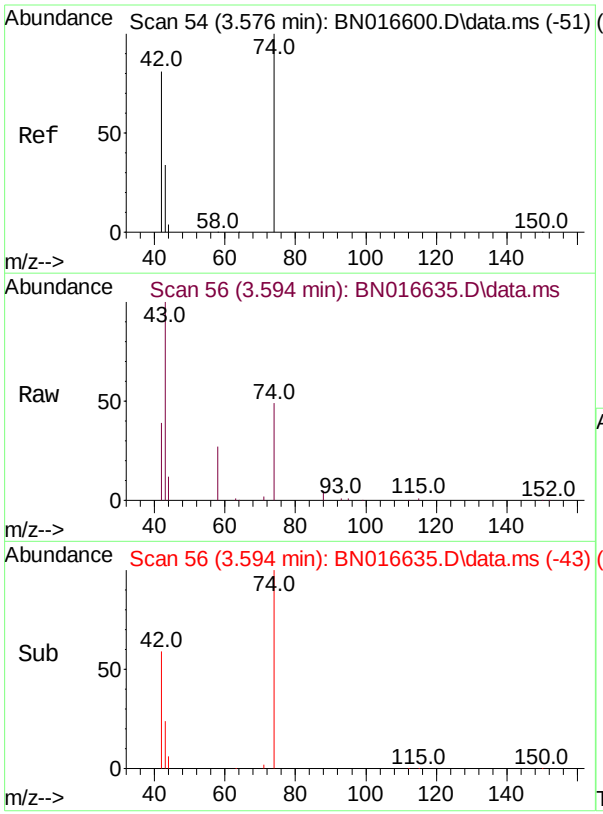
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:152 Resp: 28059

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	59.6	46.5	69.7



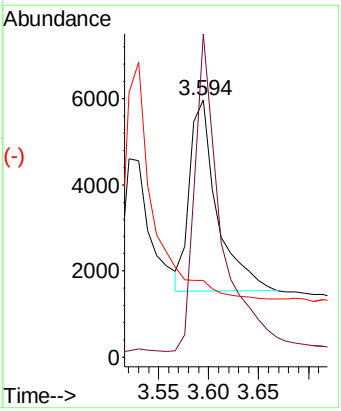
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS



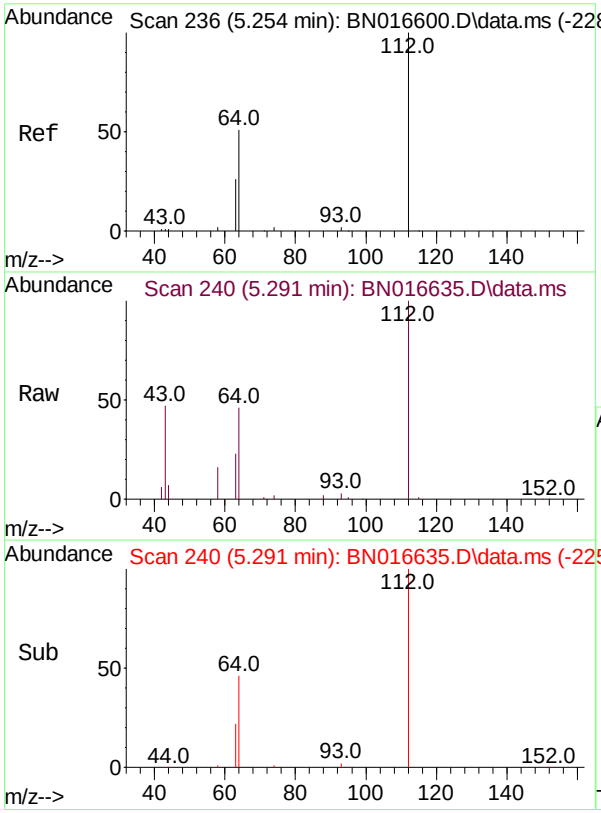
#3
n-Nitrosodimethylamine
Concen: 0.408 ng
RT: 3.594 min Scan# 56
Delta R.T. 0.018 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion: 42 Resp: 8452

Ion	Ratio	Lower	Upper
42	100		
74	159.5	121.6	182.4
44	0.0	6.3	9.5#



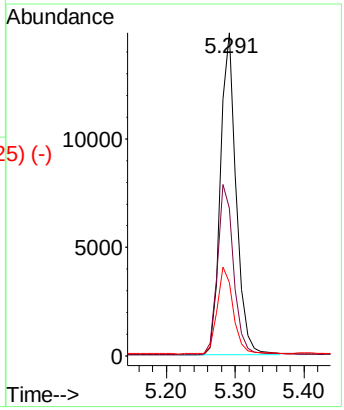
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

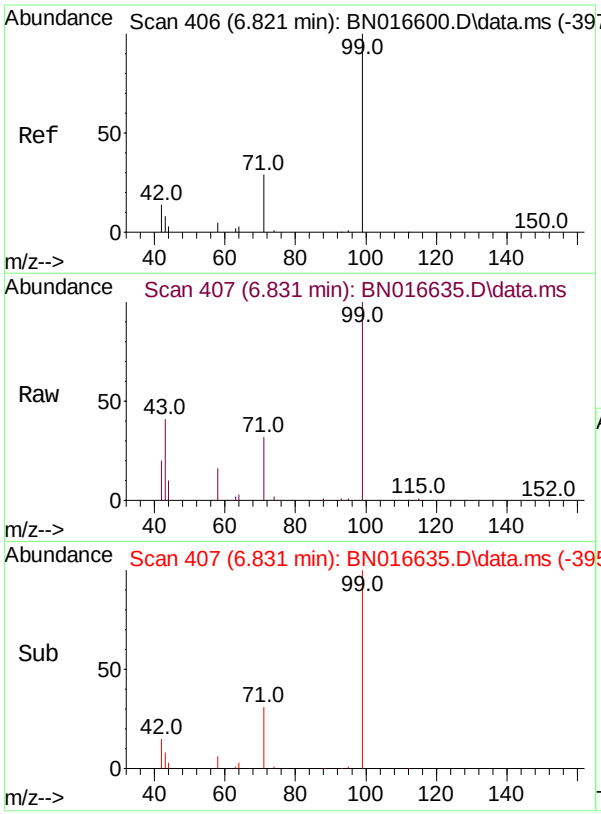


#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.037 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:112 Resp: 23858

Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.1	64.7
63	27.3	21.6	32.4

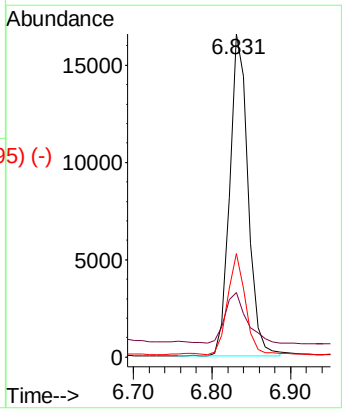




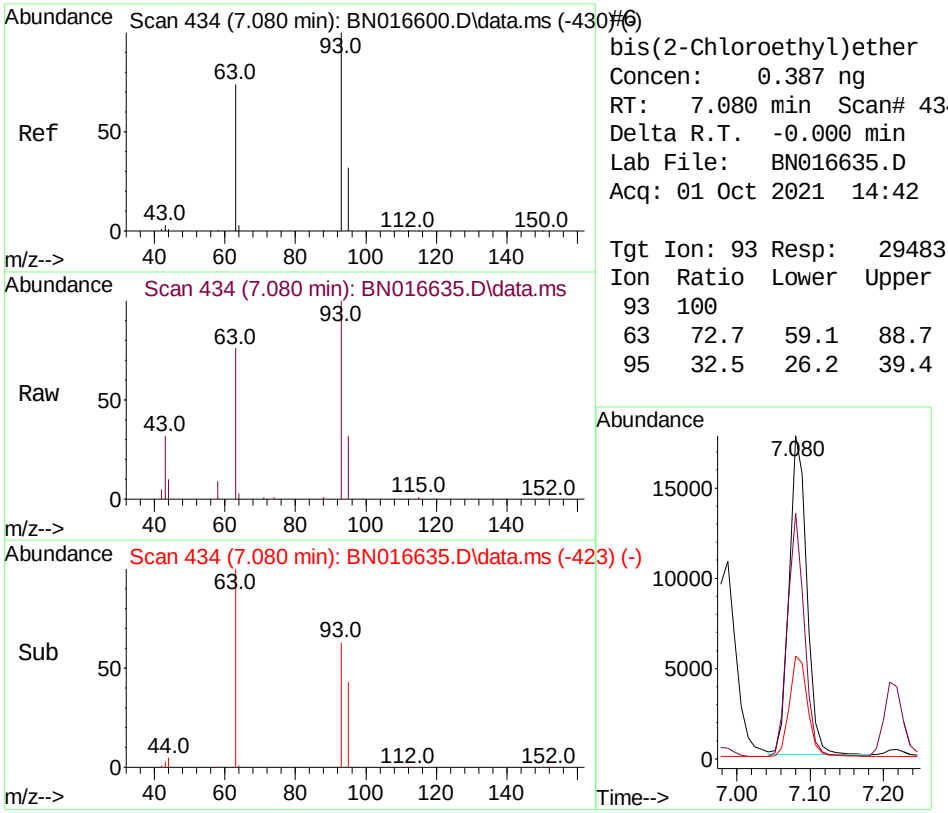
#5
Phenol-d6
Concen: 0.347 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion: 99 Resp: 27111

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.0	19.6
71	30.0	23.5	35.3



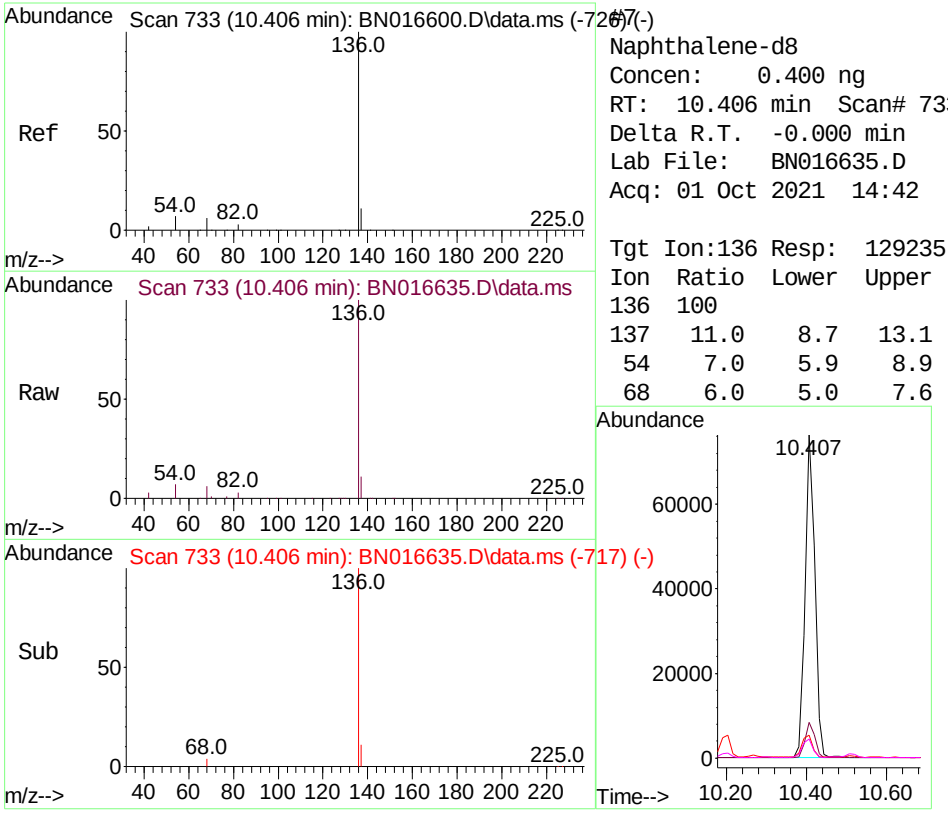
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS



#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 7.080 min Scan# 434
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion: 93 Resp: 29483

Ion	Ratio	Lower	Upper
93	100		
63	72.7	59.1	88.7
95	32.5	26.2	39.4

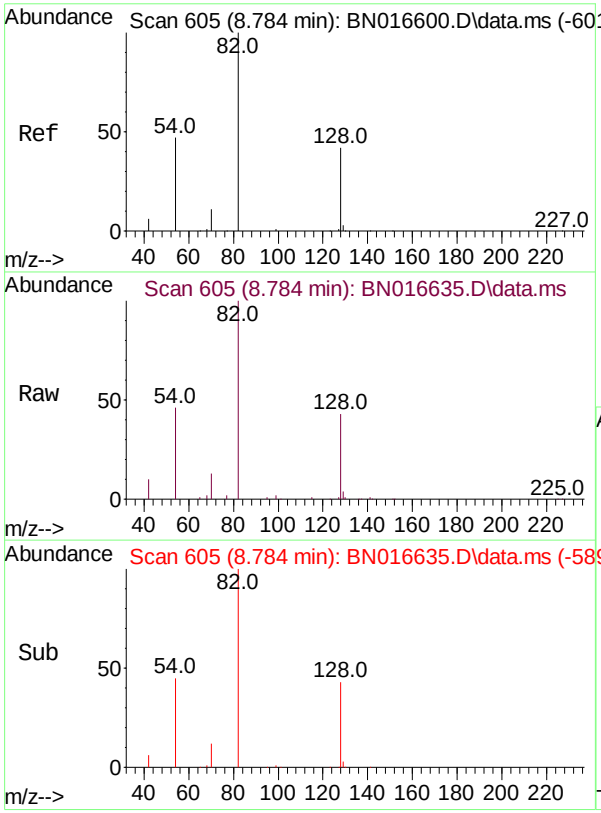


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:136 Resp: 129235

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.0	5.9	8.9
68	6.0	5.0	7.6

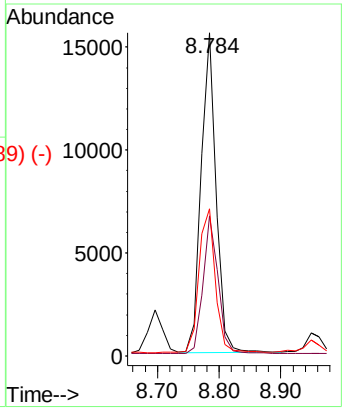
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

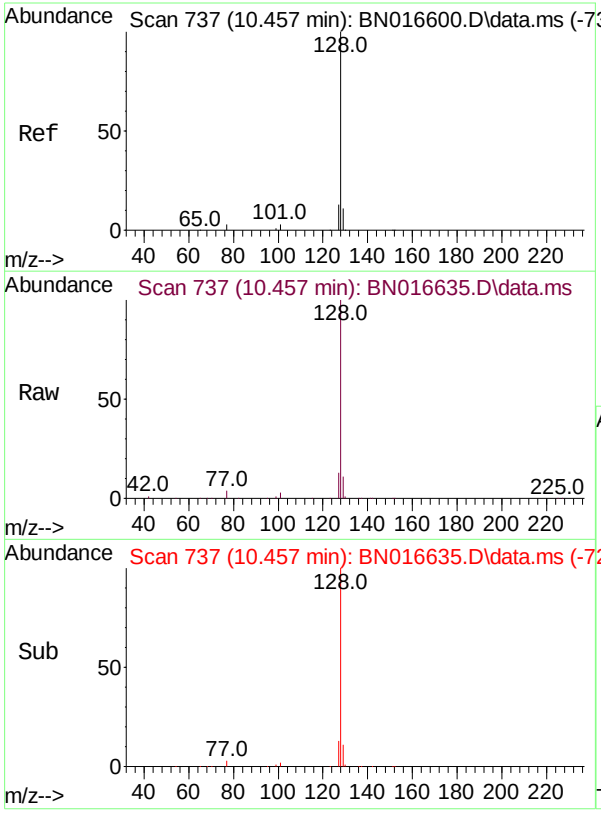


#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.784 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion: 82 Resp: 26470

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.6	50.4
54	45.5	37.6	56.4

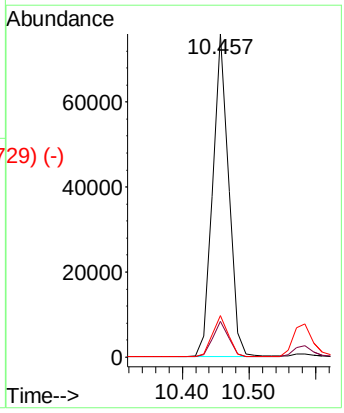




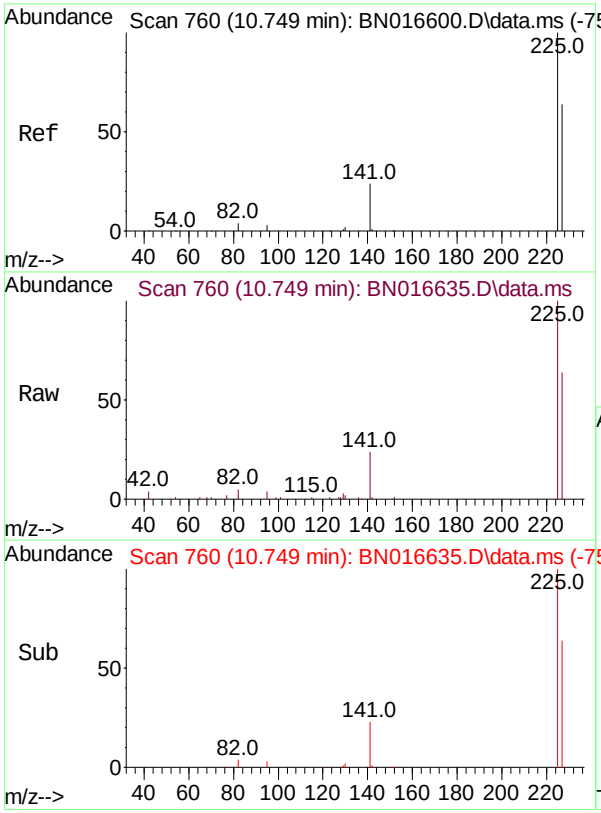
#9
Naphthalene
Concen: 0.355 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:128 Resp: 124720

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.9	10.3	15.5



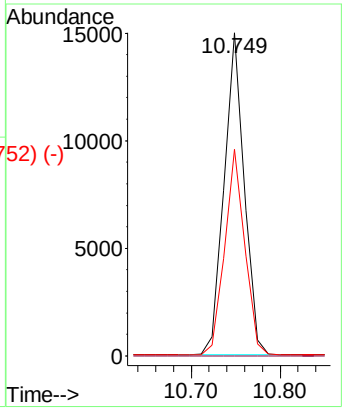
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

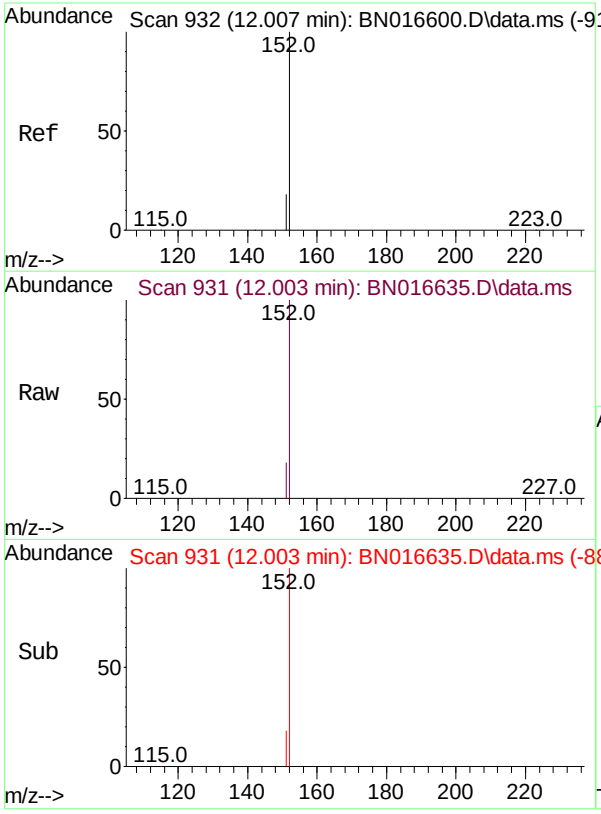


#10
Hexachlorobutadiene
Concen: 0.356 ng
RT: 10.749 min Scan# 760
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:225 Resp: 23470

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.0	76.6

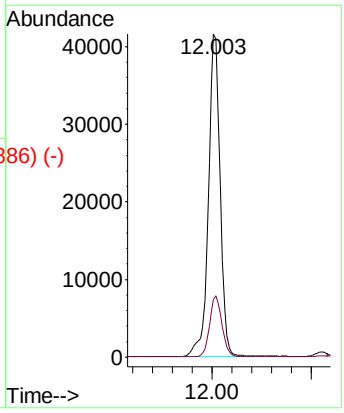




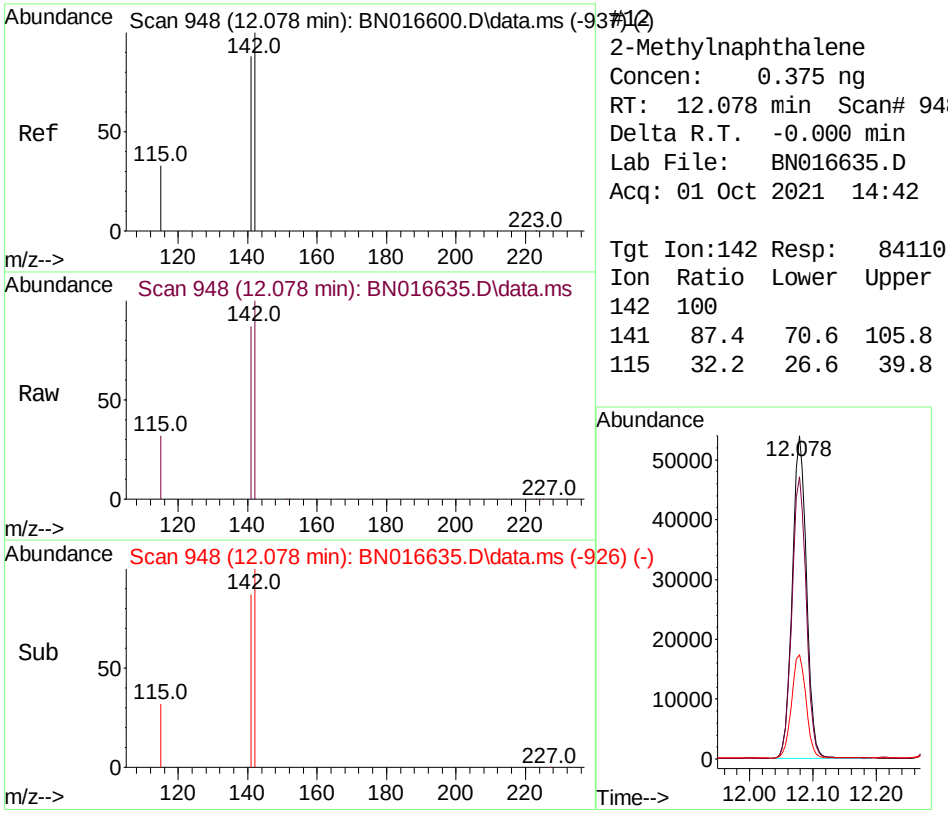
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:152 Resp: 68364

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4



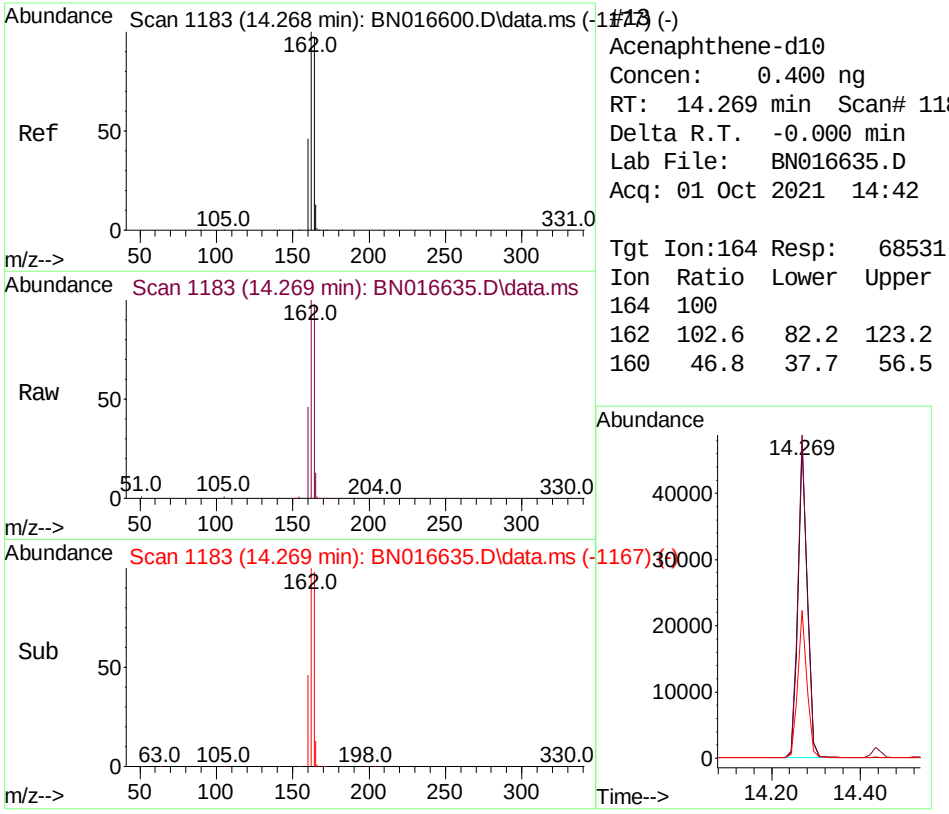
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS



#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:142 Resp: 84110

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.6	105.8
115	32.2	26.6	39.8

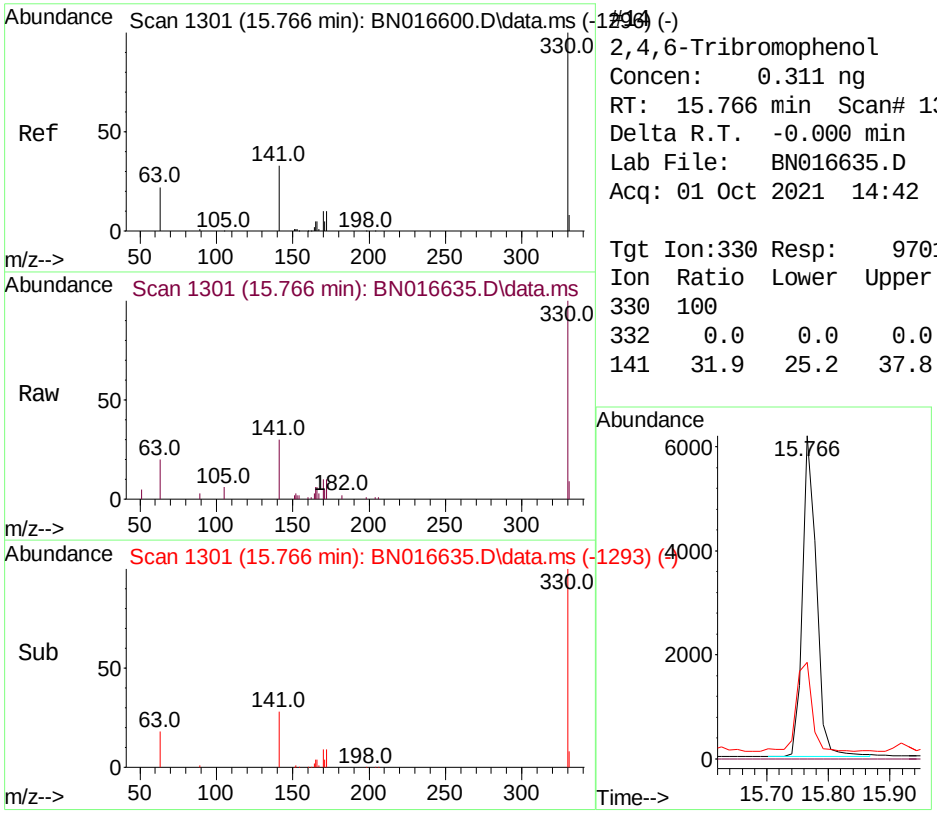


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:164 Resp: 68531

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.2	123.2
160	46.8	37.7	56.5

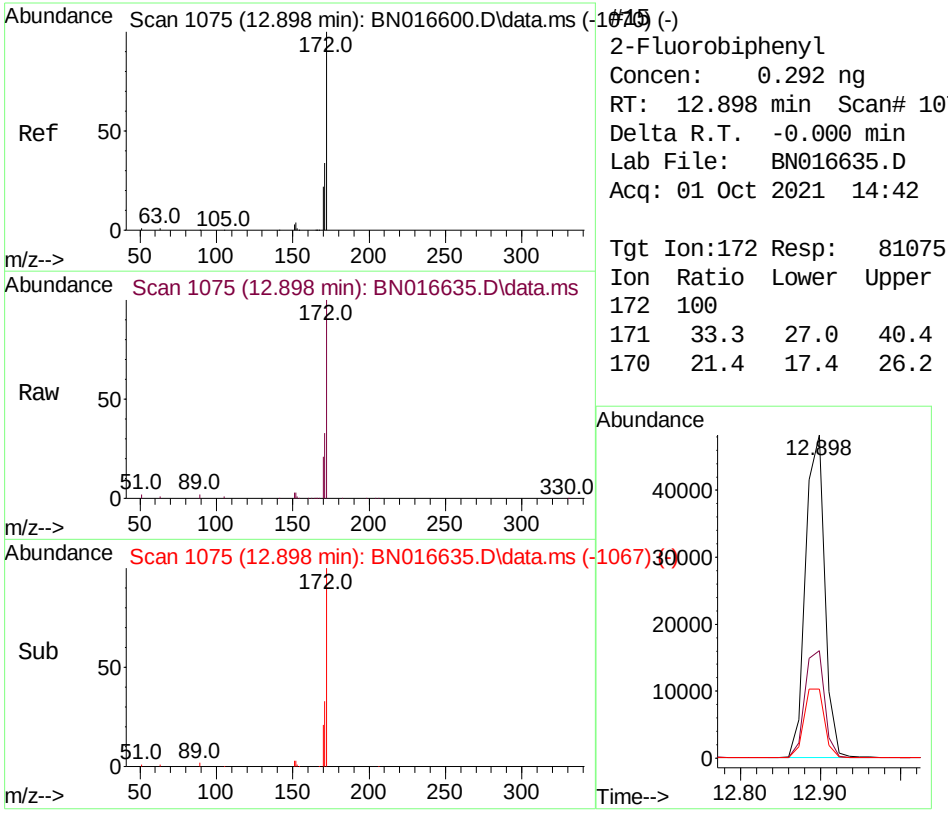
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS



#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:330 Resp: 9701

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.9	25.2	37.8

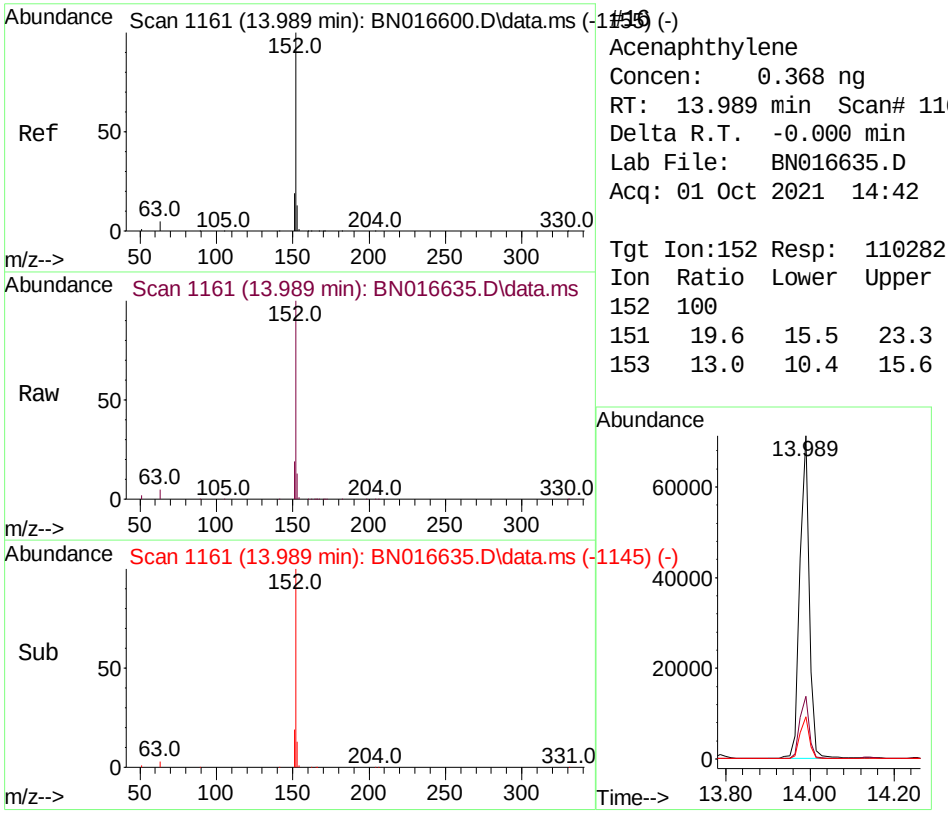


#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:172 Resp: 81075

Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.0	40.4
170	21.4	17.4	26.2

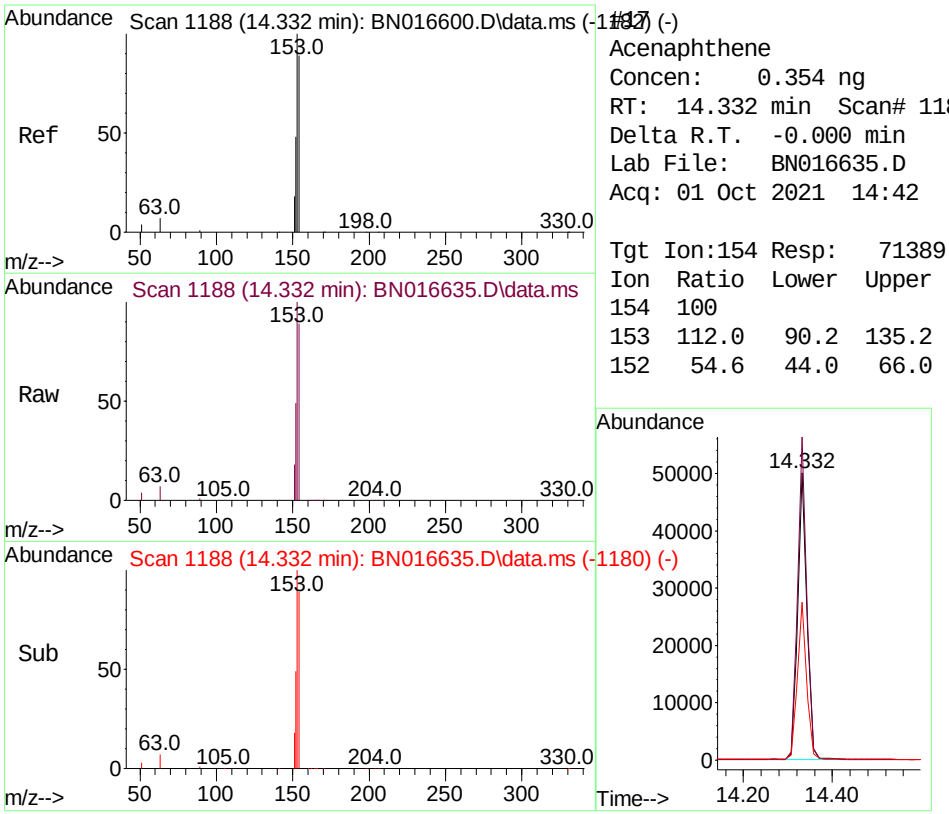
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS



#116
Acenaphthylene
Concen: 0.368 ng
RT: 13.989 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:152 Resp: 110282

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.0	10.4	15.6

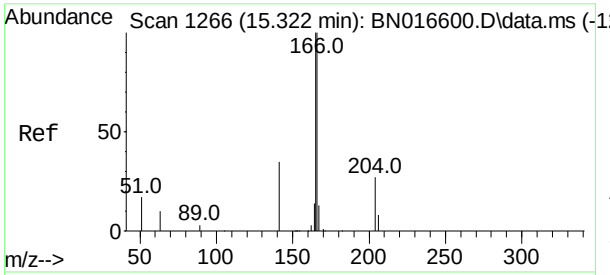


#117
Acenaphthene
Concen: 0.354 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:154 Resp: 71389

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.2	135.2
152	54.6	44.0	66.0

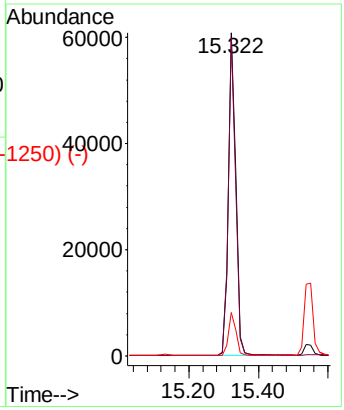
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

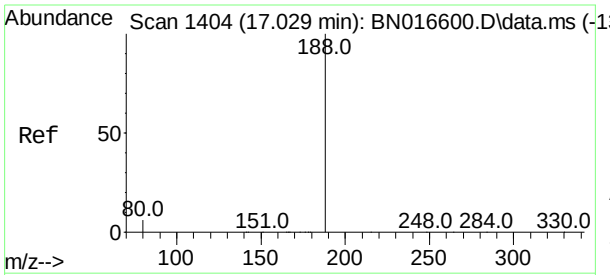


#10
Fluorene
Concen: 0.370 ng
RT: 15.322 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:166 Resp: 88299

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.9	116.9
167	13.6	10.7	16.1

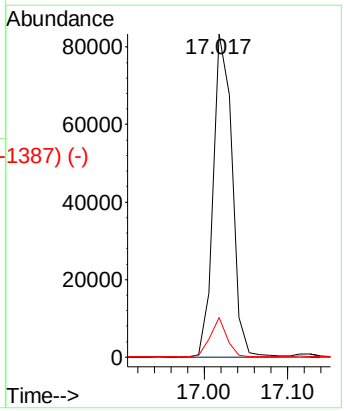




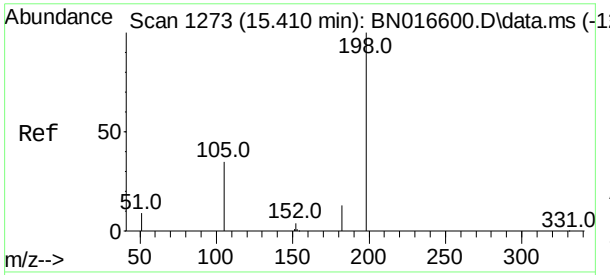
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

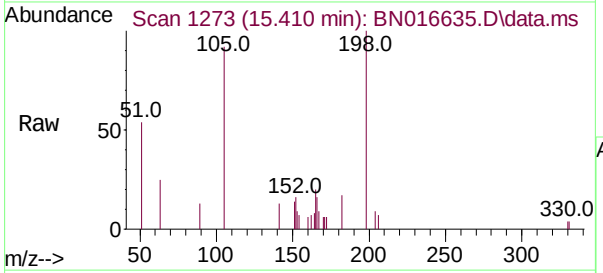
Tgt Ion:188 Resp: 131648

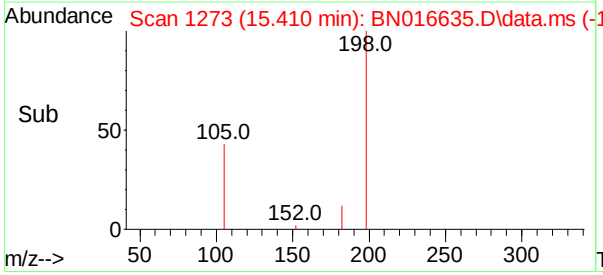
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	5.0	7.6#



Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS



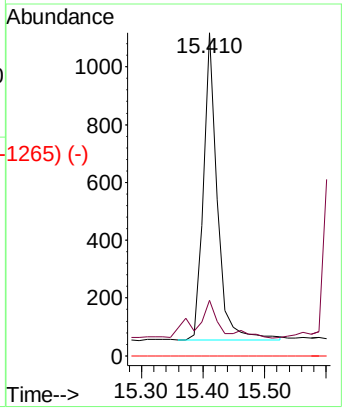


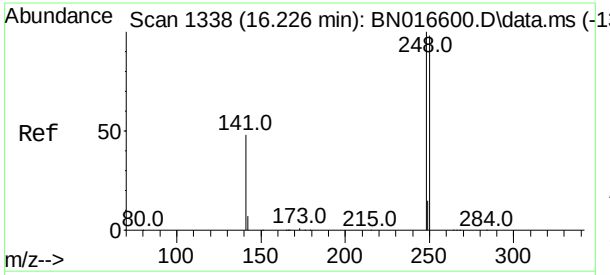


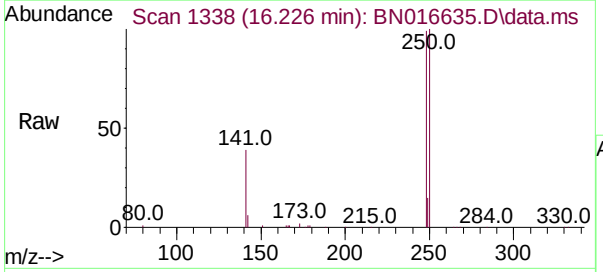
#20
4,6-Dinitro-2-methylphenol
Concen: 0.236 ng
RT: 15.410 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

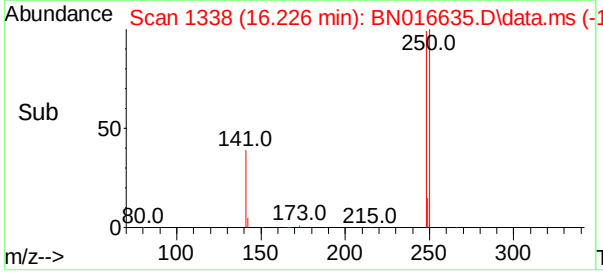
Tgt Ion:198 Resp: 1688

Ion	Ratio	Lower	Upper
198	100		
182	17.3	11.8	17.8
77	0.0	0.0	0.0





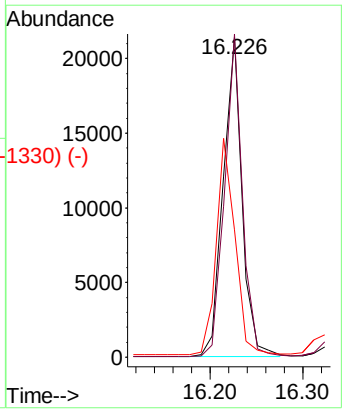




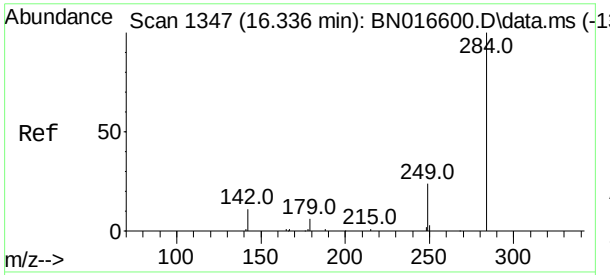
#21
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.226 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:248 Resp: 30147

Ion	Ratio	Lower	Upper
248	100		
250	101.0	78.6	117.8
141	39.8	38.6	57.8



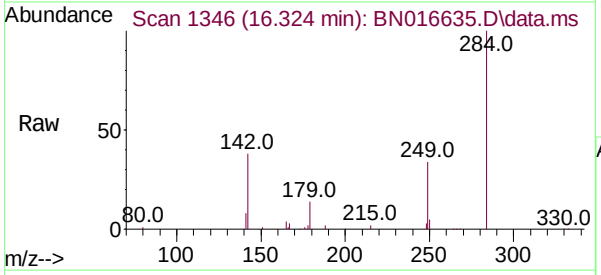
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

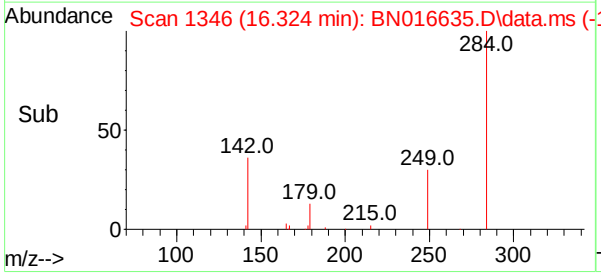


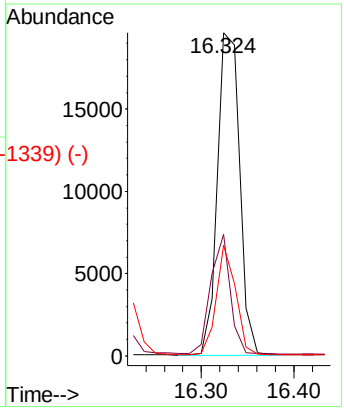
#22
Hexachlorobenzene
Concen: 0.347 ng
RT: 16.324 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

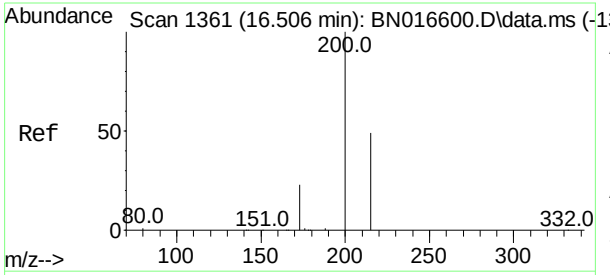
Tgt Ion:284 Resp: 32895

Ion	Ratio	Lower	Upper
284	100		
142	32.4	26.4	39.6
249	29.3	23.4	35.2





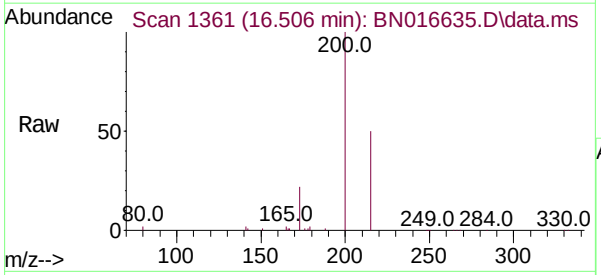


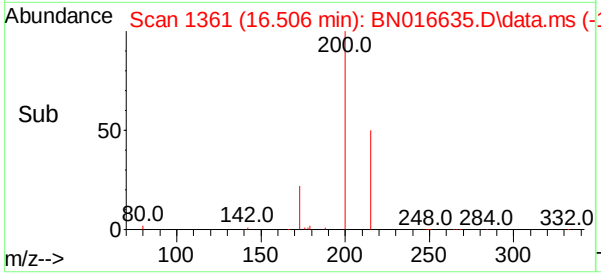


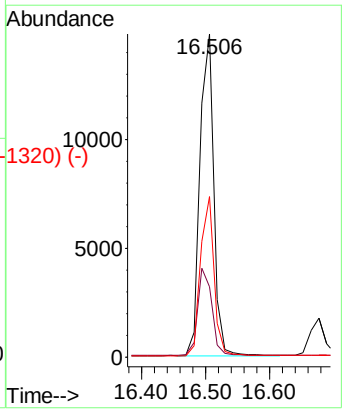
#23
Atrazine
Concen: 0.378 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:200 Resp: 22454

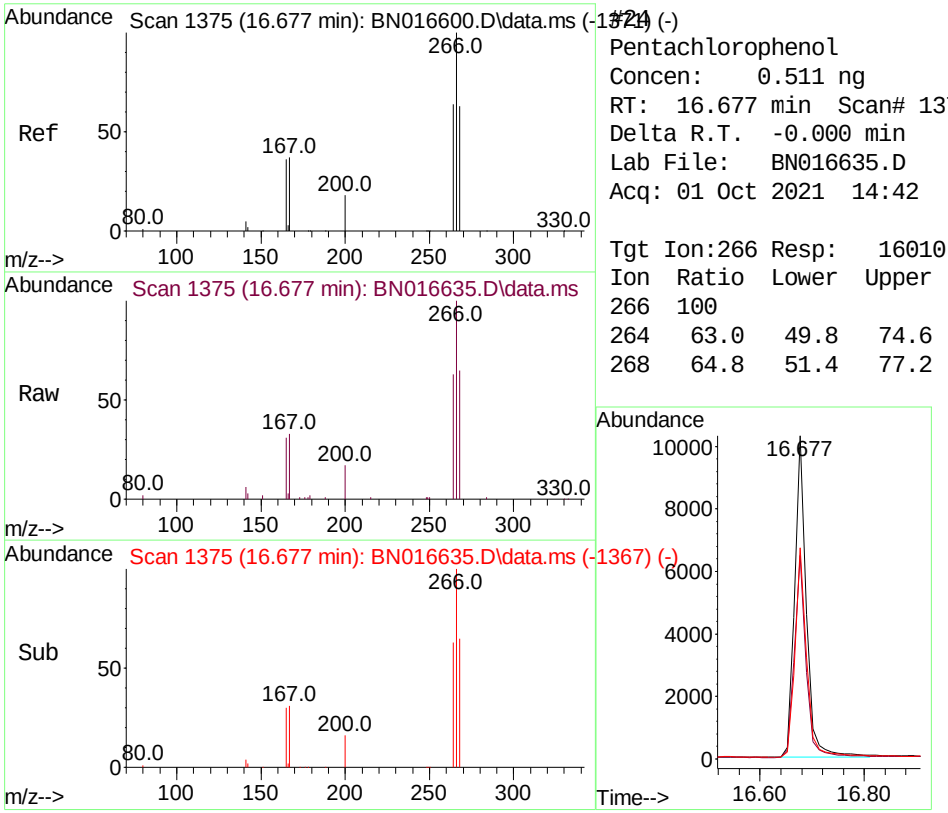
Ion	Ratio	Lower	Upper
200	100		
173	21.9	18.6	27.8
215	49.7	39.4	59.2







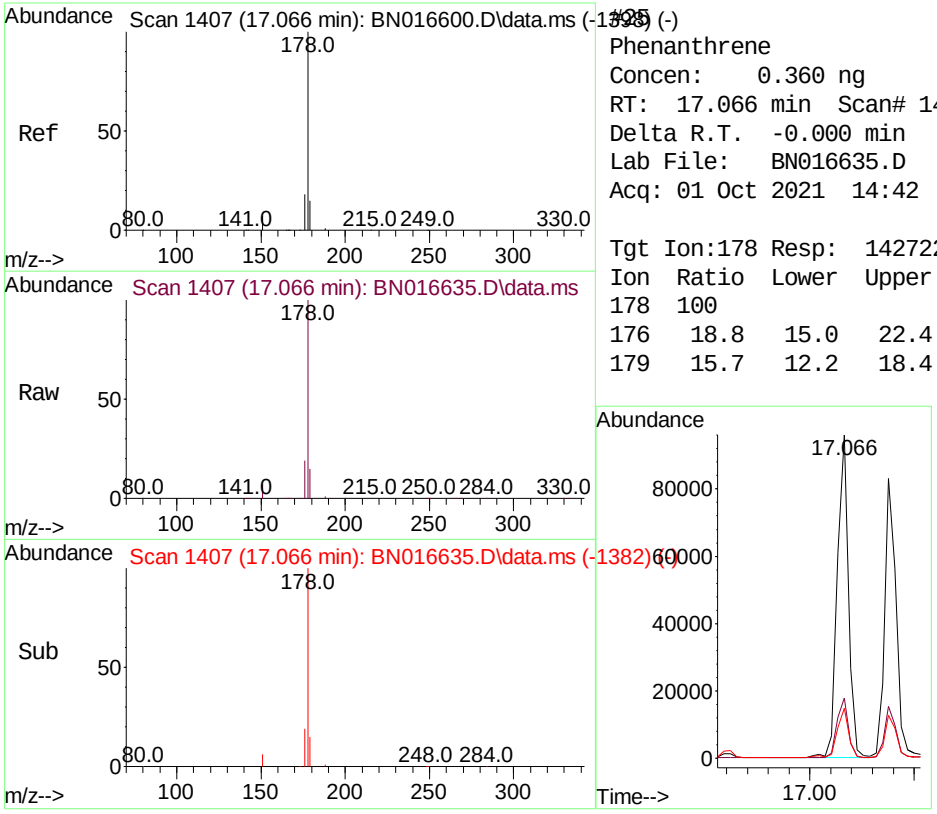
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS



#24
Pentachlorophenol
Concen: 0.511 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:266 Resp: 16010

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.8	74.6
268	64.8	51.4	77.2

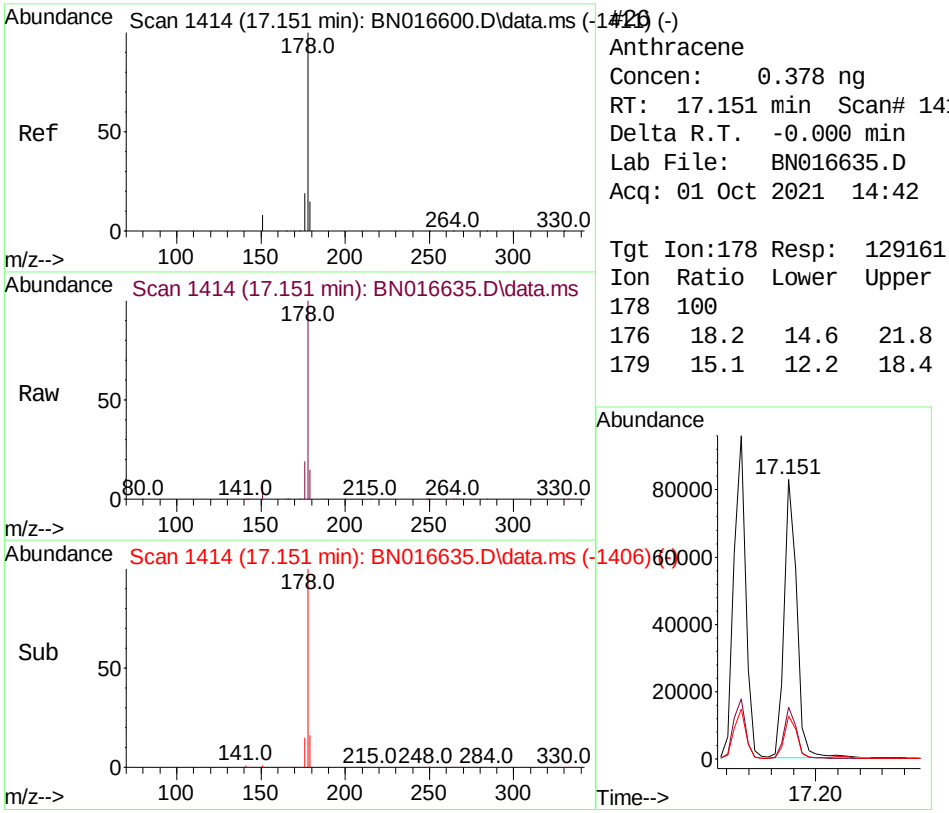


#25
Phenanthrene
Concen: 0.360 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:178 Resp: 142722

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.2	18.4

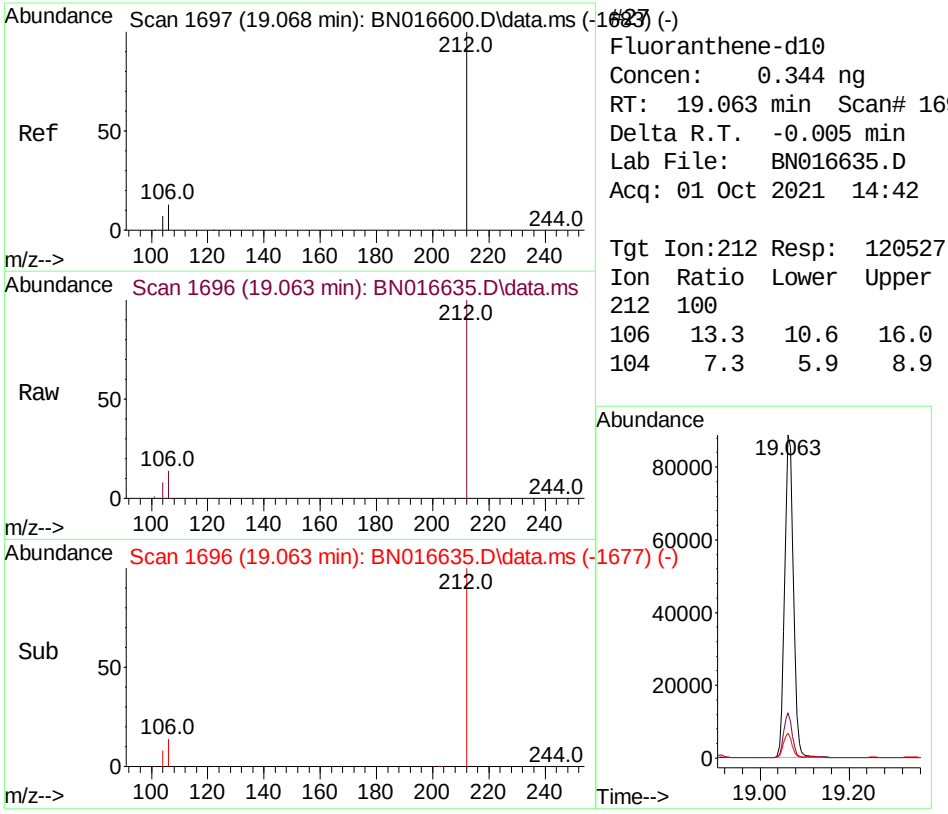
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS



#26
Anthracene
Concen: 0.378 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:178 Resp: 129161

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.1	12.2	18.4

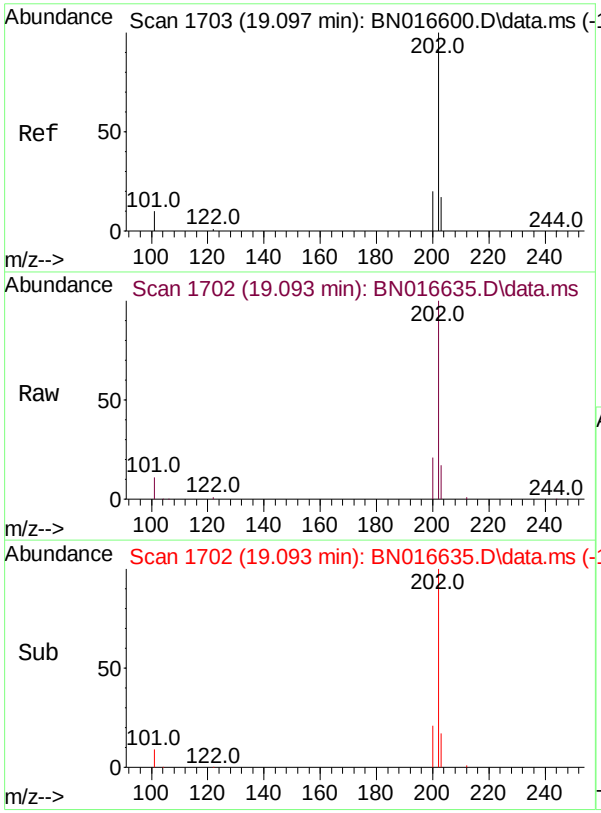


#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:212 Resp: 120527

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	16.0
104	7.3	5.9	8.9

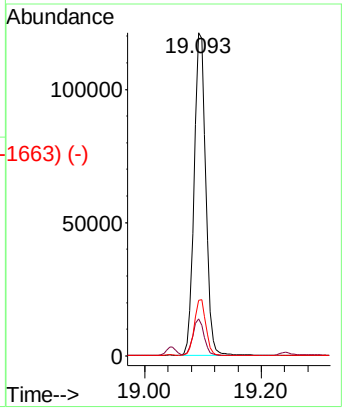
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

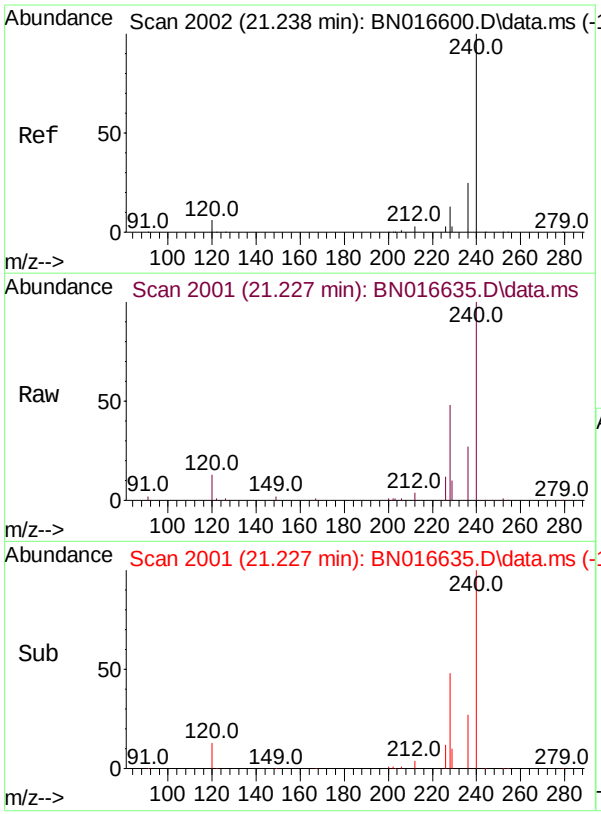


#28
Fluoranthene
Concen: 0.383 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:202 Resp: 163714

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
203	17.1	13.8	20.6

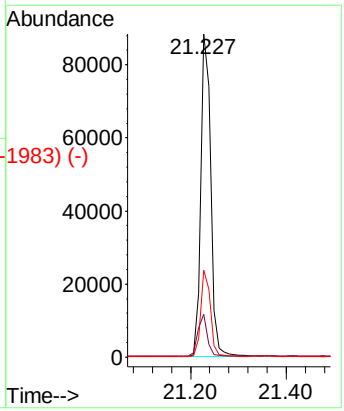




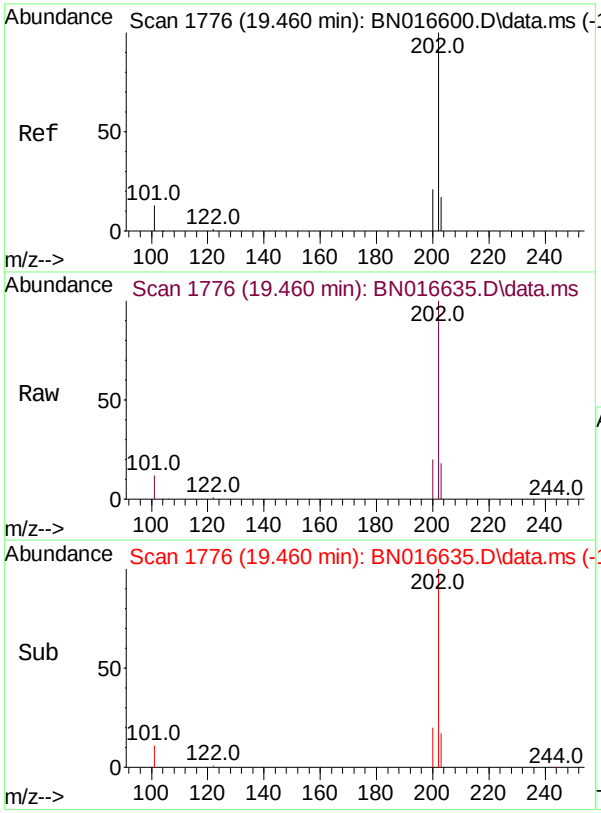
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:240 Resp: 127501

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.0	7.4#
236	26.8	20.4	30.6



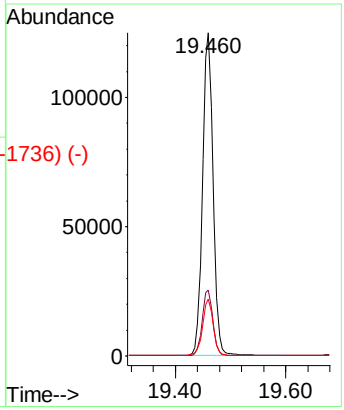
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

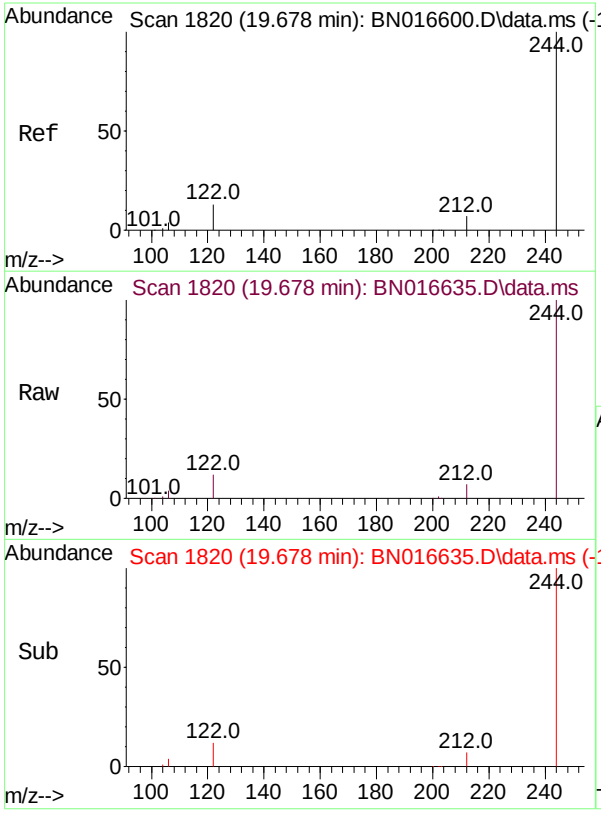


#30
Pyrene
Concen: 0.401 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:202 Resp: 165511

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.7	14.0	21.0

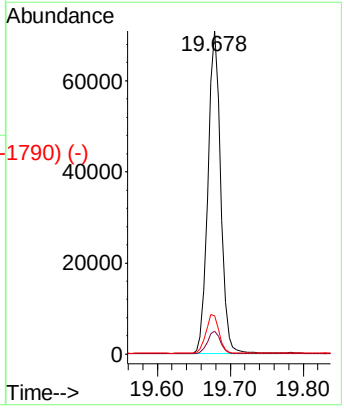




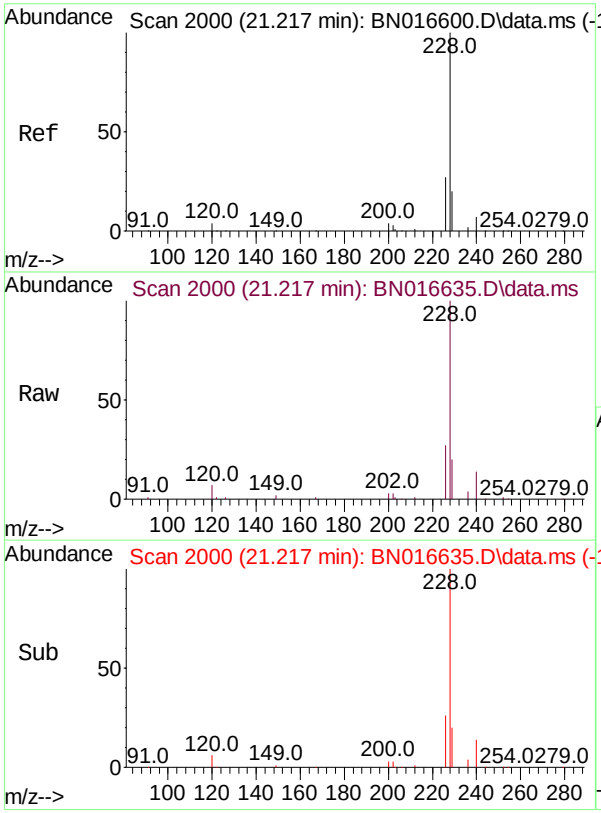
#31
Terphenyl-d14
Concen: 0.310 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:244 Resp: 86078

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.8	10.1	15.1



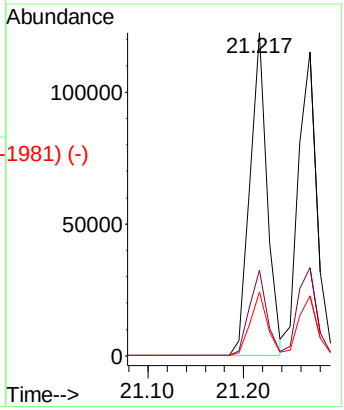
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

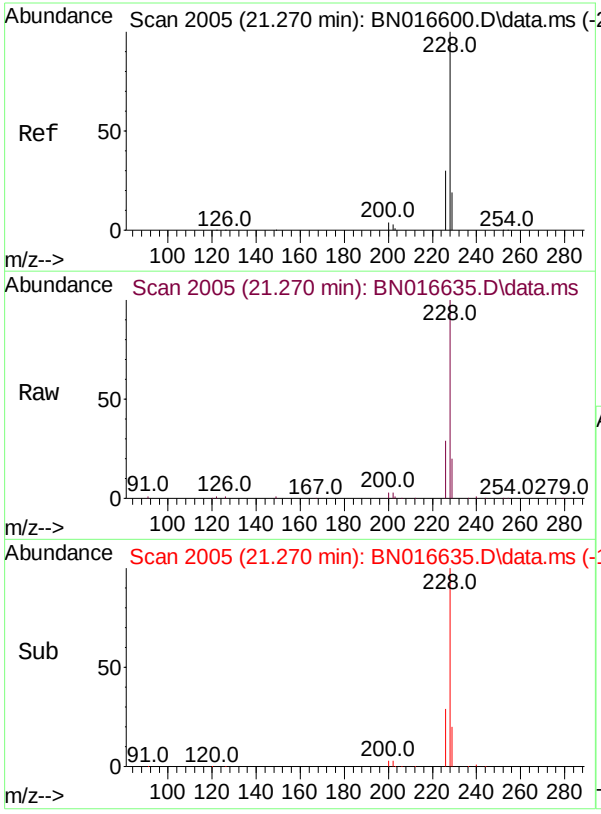


#32
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:228 Resp: 152388

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.9	32.9
229	19.8	15.7	23.5

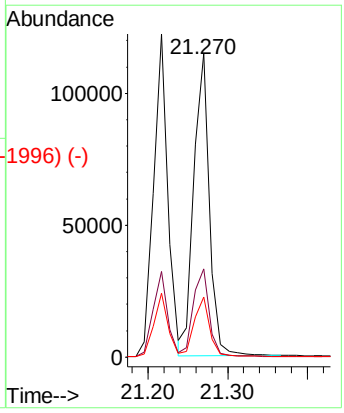




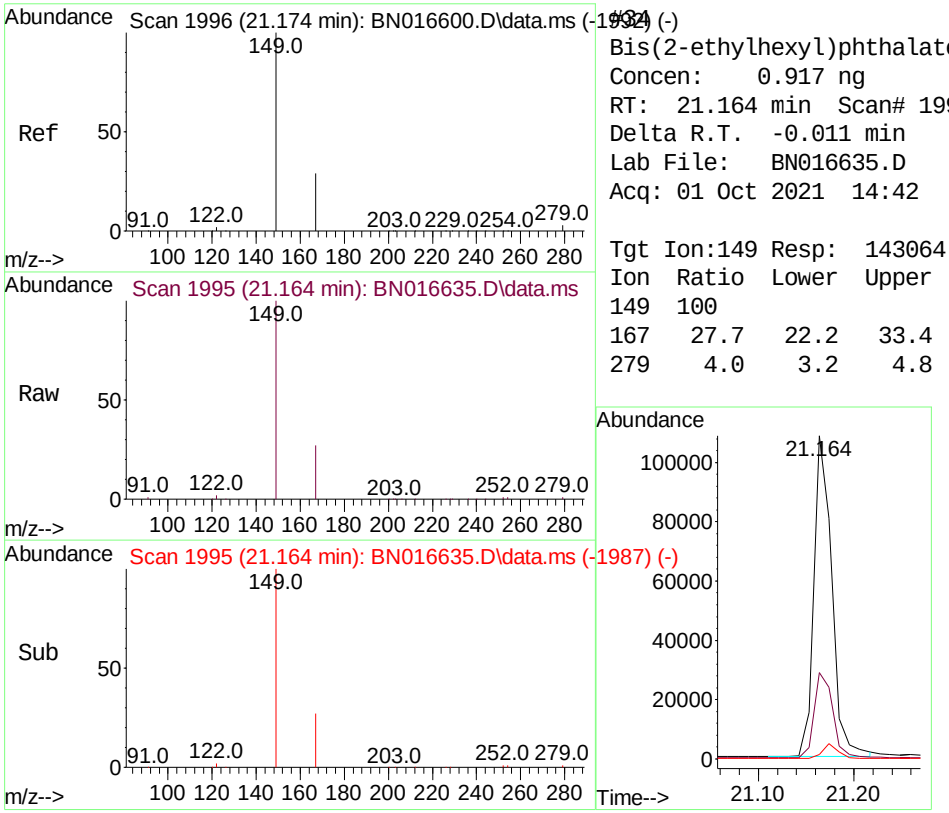
#33
Chrysene
Concen: 0.396 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:228 Resp: 156849

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.7	35.5
229	19.9	15.5	23.3



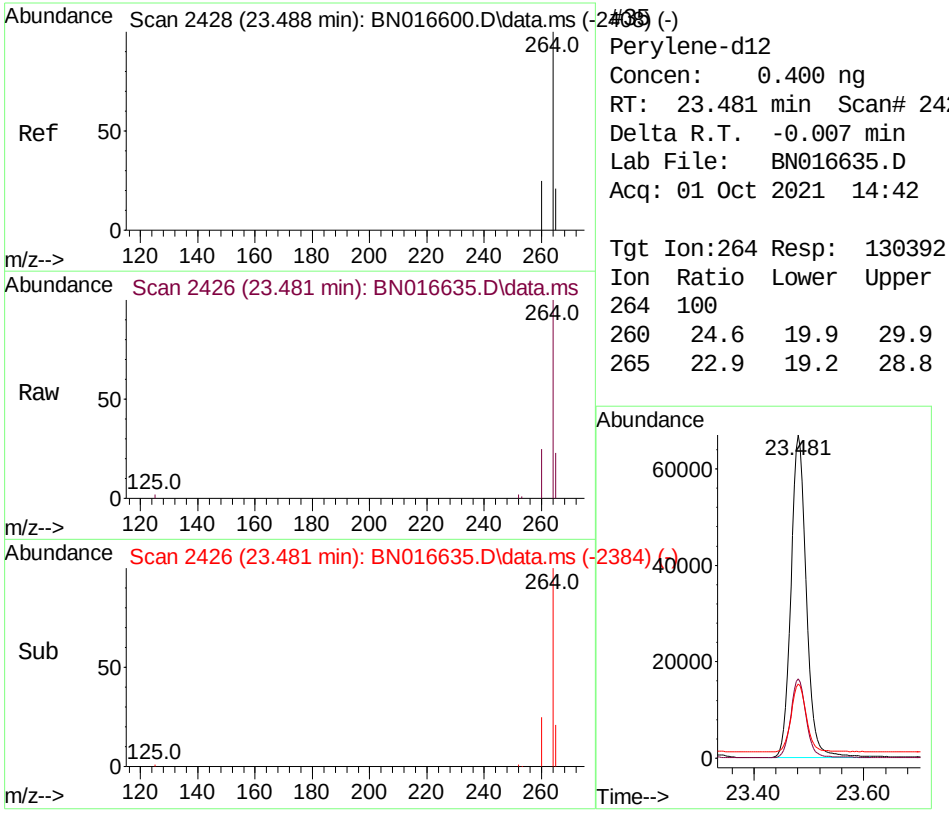
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.917 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:149 Resp: 143064

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	4.0	3.2	4.8

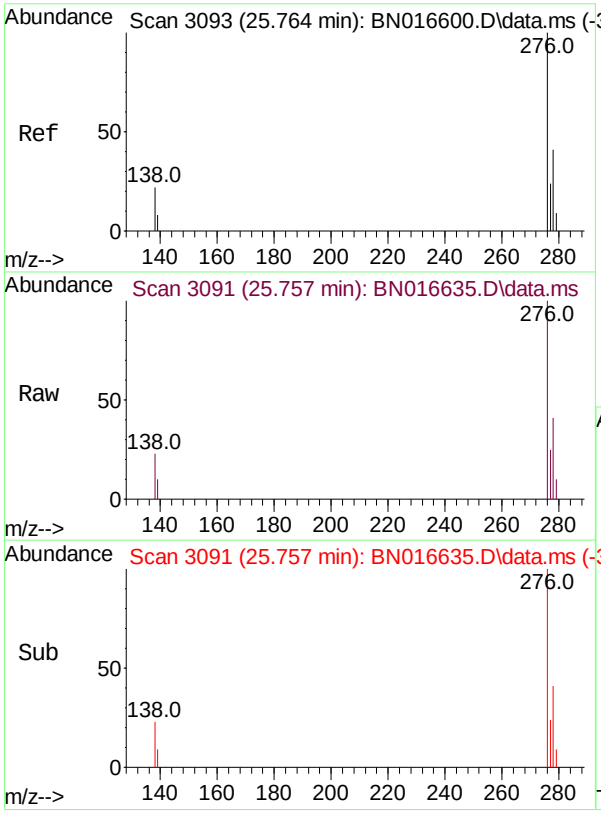


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:264 Resp: 130392

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	22.9	19.2	28.8

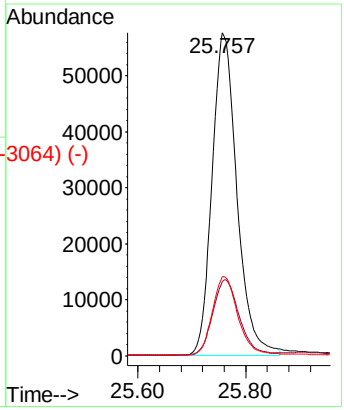
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

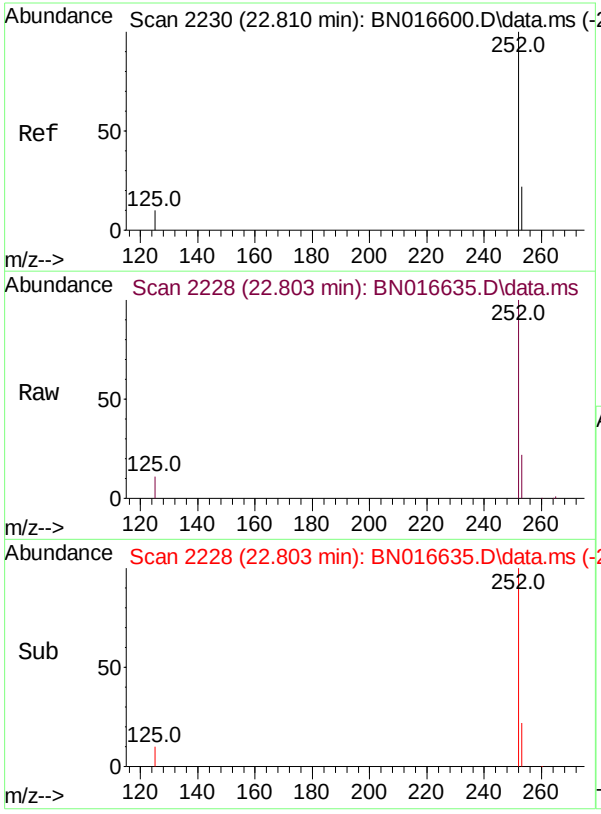


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng
RT: 25.757 min Scan# 3091
Delta R.T. -0.007 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:276 Resp: 184971

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.5	29.3
277	25.0	19.9	29.9

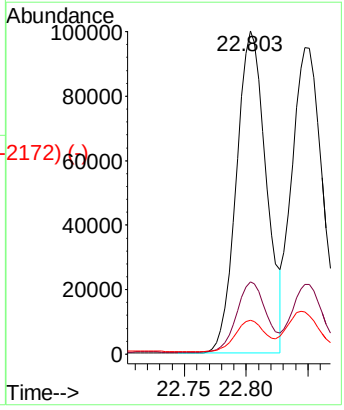




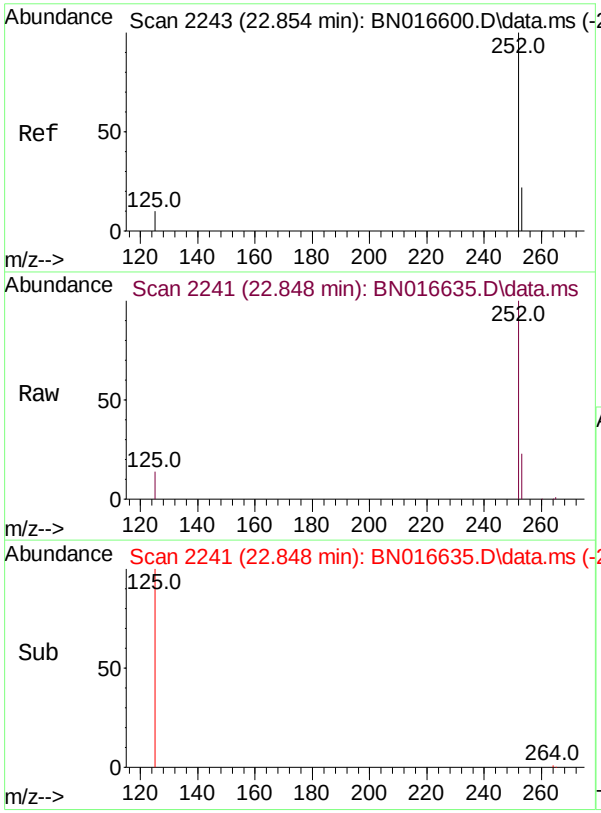
#37
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 22.803 min Scan# 2228
Delta R.T. -0.007 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:252 Resp: 167539

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.5	8.0	12.0



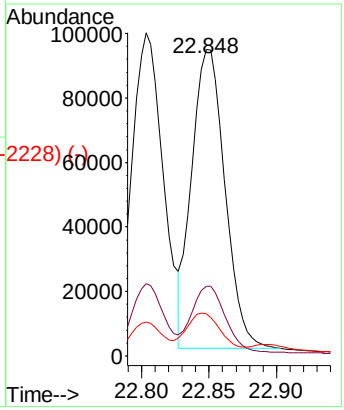
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

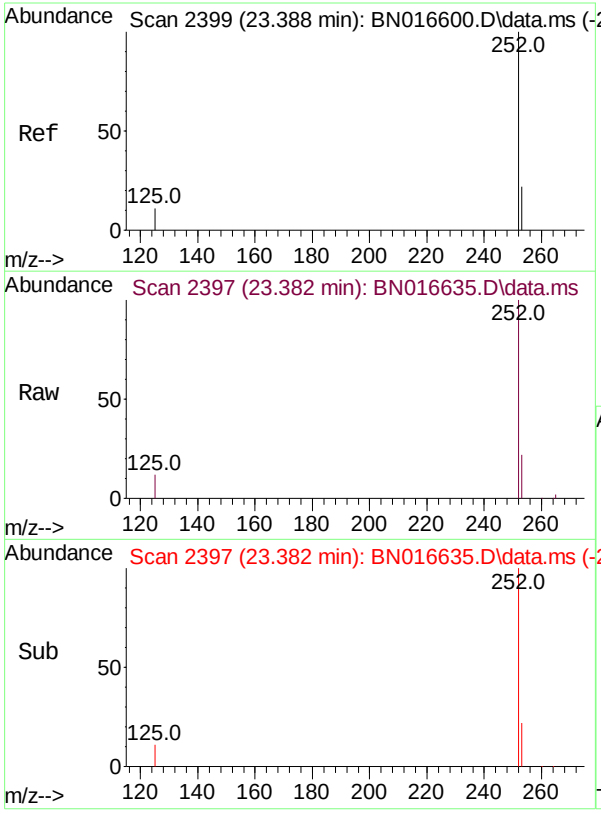


#38
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 22.848 min Scan# 2241
Delta R.T. -0.007 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:252 Resp: 159392

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	13.7	8.0	12.0#

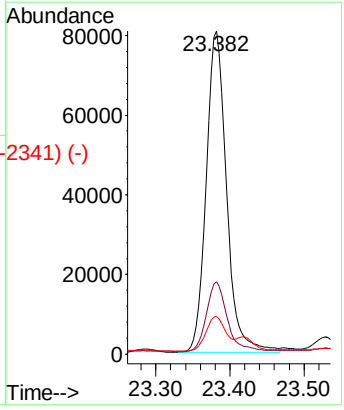




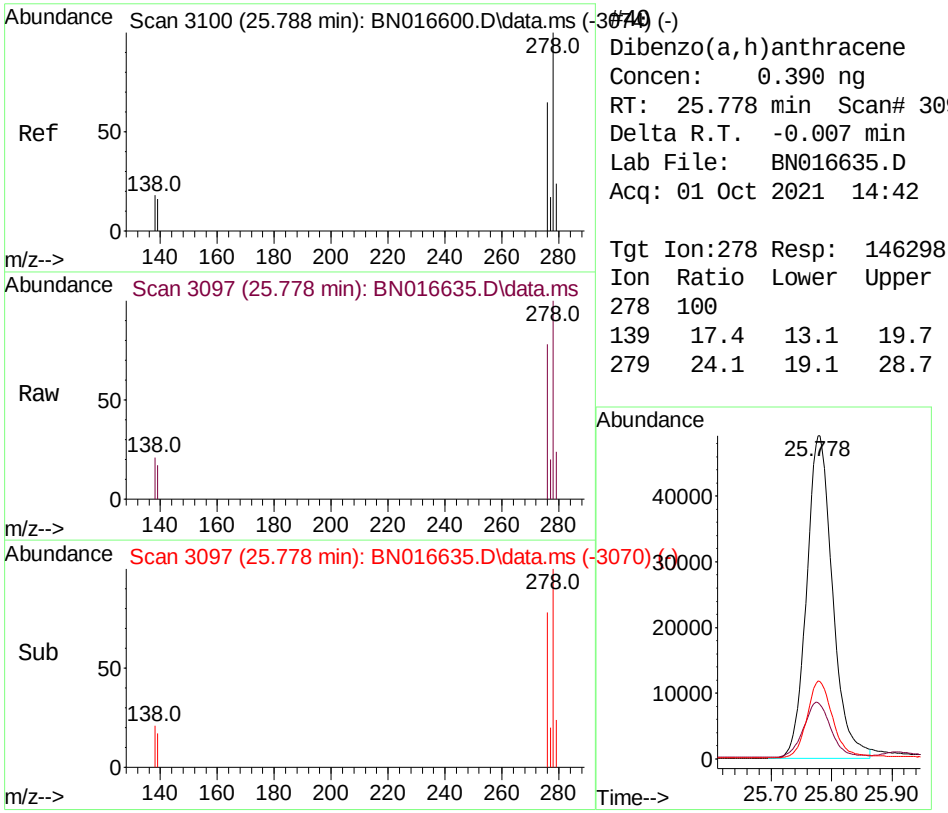
#39
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.382 min Scan# 2397
Delta R.T. -0.007 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:252 Resp: 154323

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.6	9.0	13.4



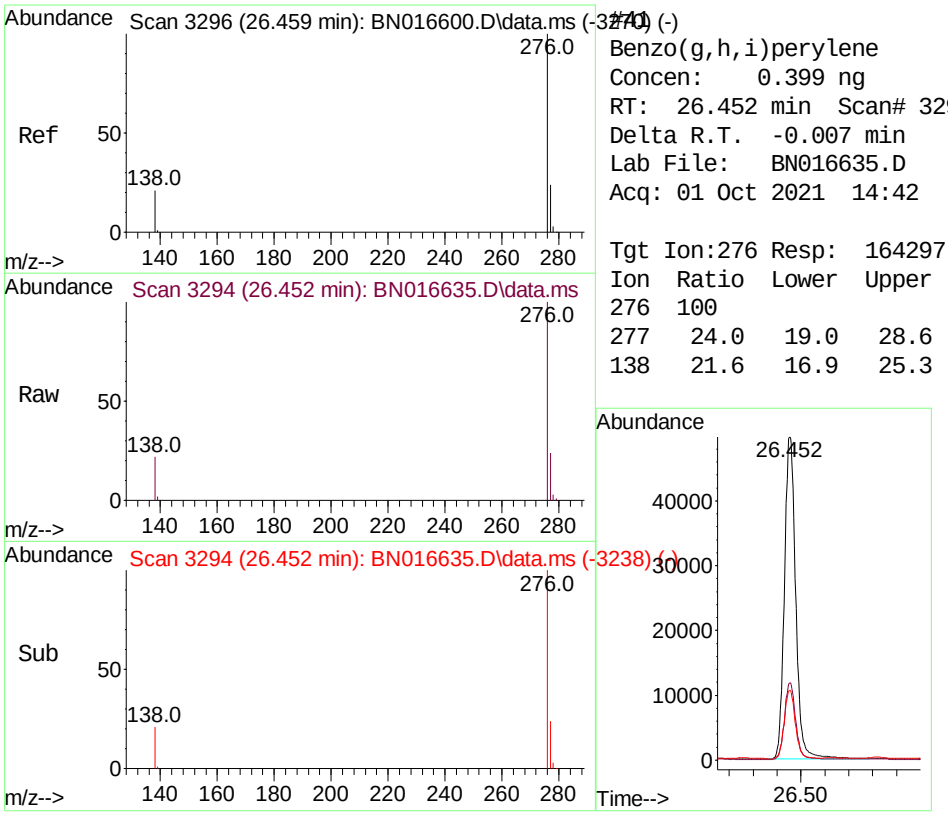
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS



#40
Dibenzo(a,h)anthracene
Concen: 0.390 ng
RT: 25.778 min Scan# 3097
Delta R.T. -0.007 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:278 Resp: 146298

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.1	19.7
279	24.1	19.1	28.7



#41
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 26.452 min Scan# 3294
Delta R.T. -0.007 min
Lab File: BN016635.D
Acq: 01 Oct 2021 14:42

Tgt Ion:276 Resp: 164297

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	21.6	16.9	25.3