Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016636.D
Acq On : 01 Oct 2021 15:19
Operator : CG/JU
Sample : M3990-07MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 01 15:49:22 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	28098	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	130369	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	69665	0.400	ng		0.00
19) Phenanthrene-d10	17.017	188	133491	0.400	ng		# 0.00
29) Chrysene-d12	21.227	240	129105	0.400	ng		#-0.01
35) Perylene-d12	23.481	264	132717	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	24317	0.340	ng		0.04
5) Phenol-d6	6.831	99	27372	0.349	ng		0.00
8) Nitrobenzene-d5	8.784	82	27310	0.321	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	68992	0.358	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	10094	0.318	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	81931	0.290	ng		0.00
27) Fluoranthene-d10	19.068	212	122693	0.346	ng		0.00
31) Terphenyl-d14	19.678	244	87599	0.312	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.594	42	8562	0.413	ng	#	93
6) bis(2-Chloroethyl)ether	7.080	93	29888	0.392	ng		99
9) Naphthalene	10.457	128	125562	0.354	ng		100
10) Hexachlorobutadiene	10.749	225	23547	0.354	ng	#	100
12) 2-Methylnaphthalene	12.078	142	85126	0.376	ng		99
16) Acenaphthylene	13.990	152	112139	0.368	ng		100
17) Acenaphthene	14.332	154	72855	0.355	ng		99
18) Fluorene	15.322	166	89218	0.368	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	1592	0.229	ng	#	92
21) 4-Bromophenyl-phenylether	16.226	248	30982	0.374	ng		97
22) Hexachlorobenzene	16.336	284	33540	0.349	ng		99
23) Atrazine	16.506	200	23873	0.396	ng		100
24) Pentachlorophenol	16.677	266	16265	0.512	ng		99
25) Phenanthrene	17.066	178	143871	0.358	ng		99
26) Anthracene	17.151	178	132138	0.381	ng		100
28) Fluoranthene	19.098	202	165783	0.382	ng		100
30) Pyrene	19.460	202	168725	0.404	ng		100
32) Benzo(a)anthracene	21.217	228	155702	0.393	ng		99
33) Chrysene	21.270	228	157722	0.393	ng		99
34) Bis(2-ethylhexyl)phtha...	21.164	149	146371	0.926	ng		100
36) Indeno(1,2,3-cd)pyrene	25.757	276	188958	0.399	ng		99
37) Benzo(b)fluoranthene	22.803	252	168020	0.394	ng		99
38) Benzo(k)fluoranthene	22.848	252	163906	0.389	ng	#	95
39) Benzo(a)pyrene	23.382	252	158288	0.417	ng		99
40) Dibenzo(a,h)anthracene	25.778	278	149714	0.392	ng		98
41) Benzo(g,h,i)perylene	26.452	276	166575	0.398	ng		99

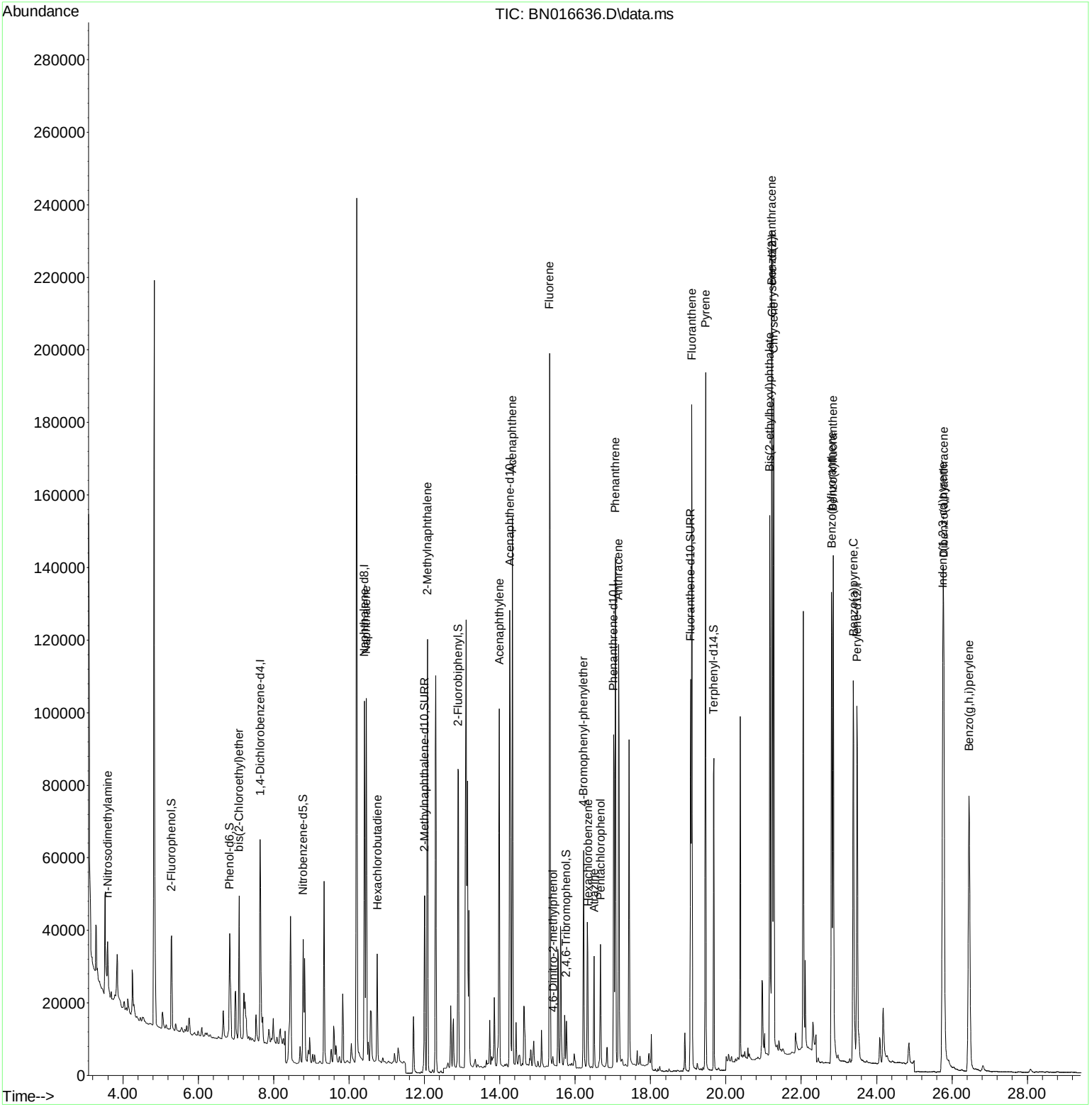
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

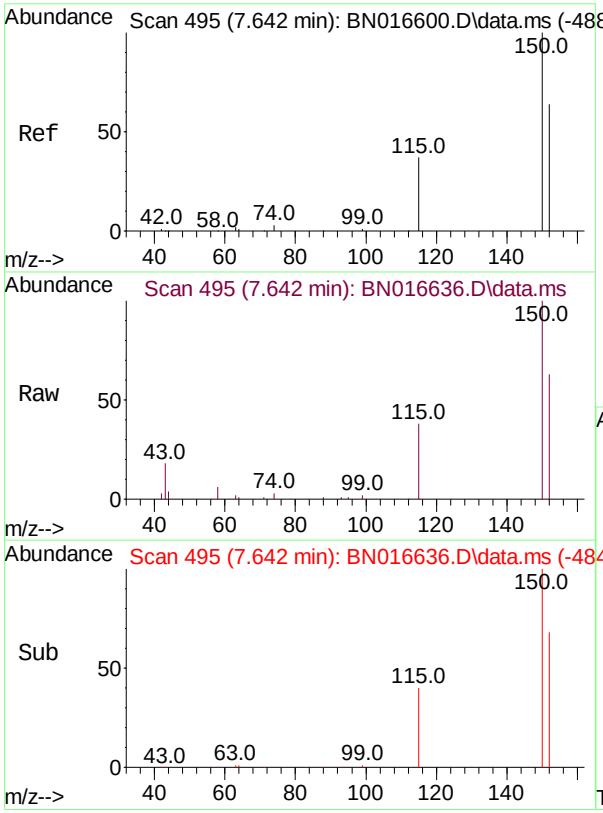
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016636.D
Acq On : 01 Oct 2021 15:19
Operator : CG/JU
Sample : M3990-07MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 01 15:49:22 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



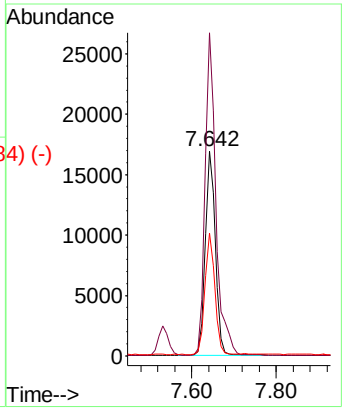
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD

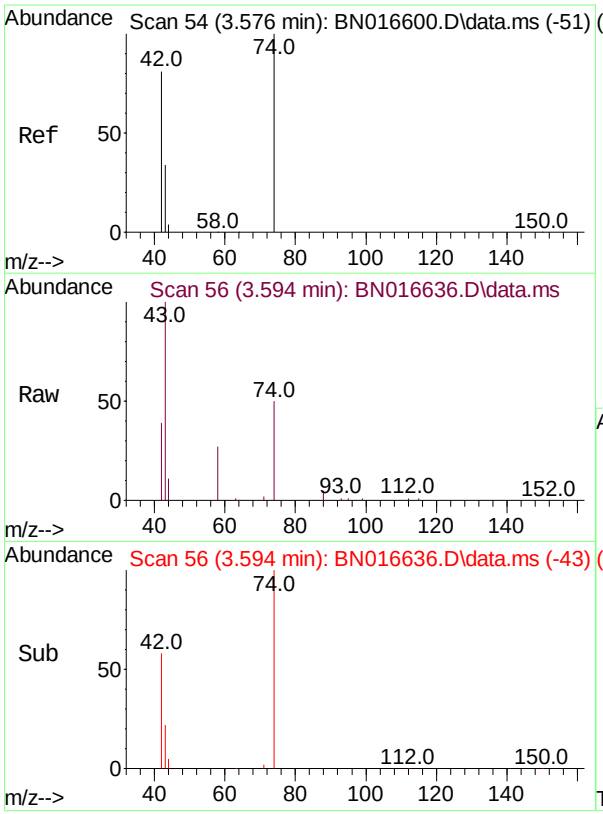


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:152 Resp: 28098

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	59.9	46.5	69.7

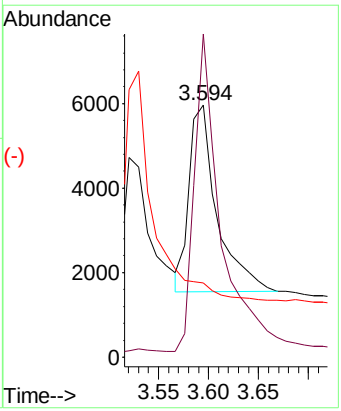




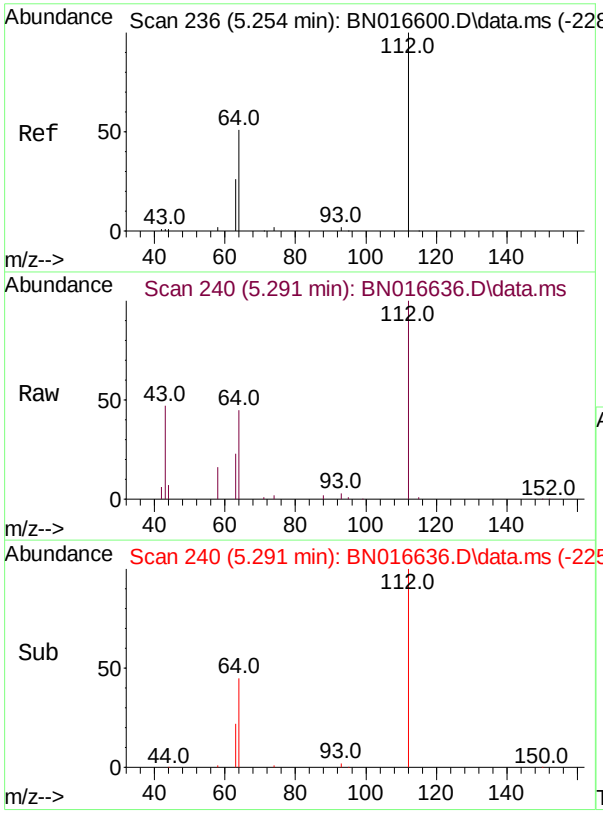
#3
n-Nitrosodimethylamine
Concen: 0.413 ng
RT: 3.594 min Scan# 56
Delta R.T. 0.018 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion: 42 Resp: 8562

Ion	Ratio	Lower	Upper
42	100		
74	159.9	121.6	182.4
44	0.0	6.3	9.5#



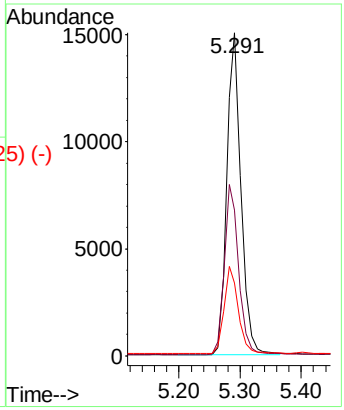
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD

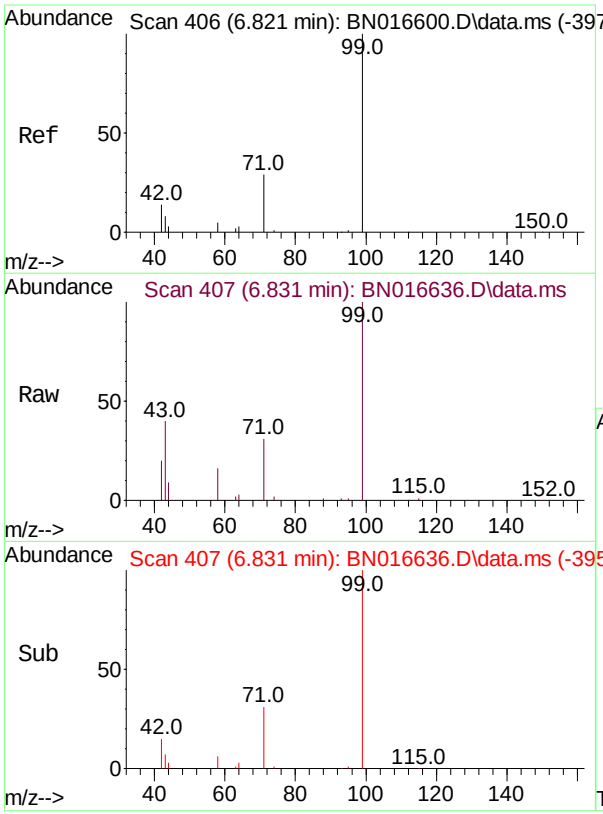


#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.037 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:112 Resp: 24317

Ion	Ratio	Lower	Upper
112	100		
64	53.4	43.1	64.7
63	27.1	21.6	32.4

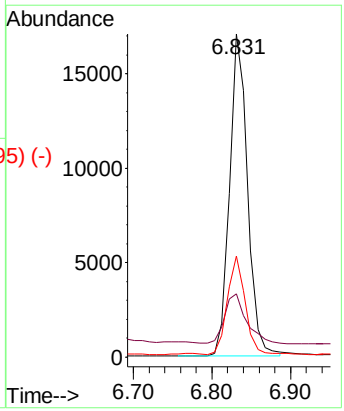




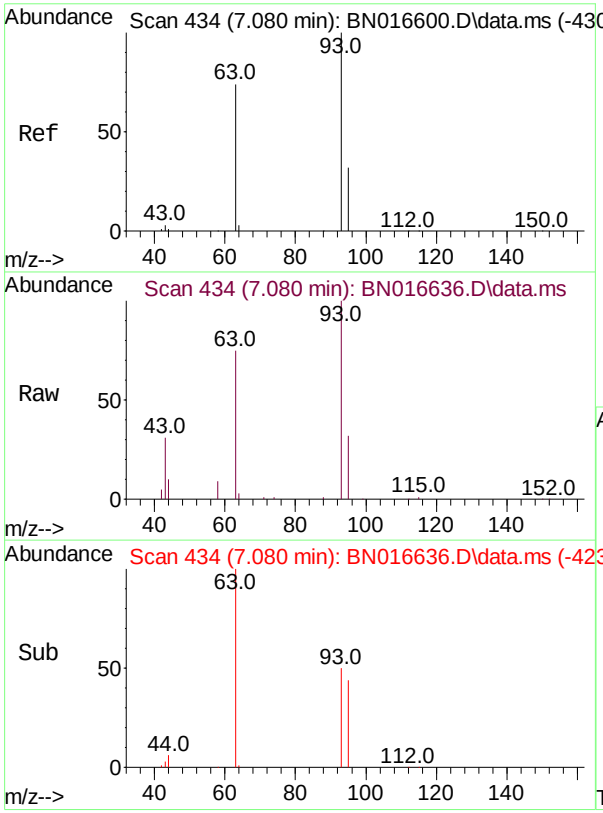
#5
Phenol-d6
Concen: 0.349 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion: 99 Resp: 27372

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.0	19.6
71	30.1	23.5	35.3



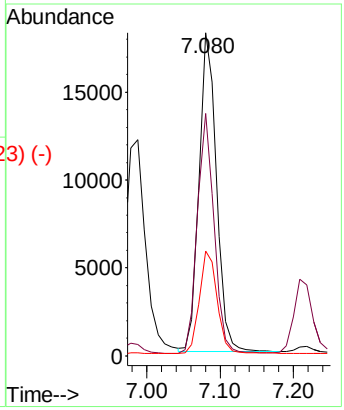
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD

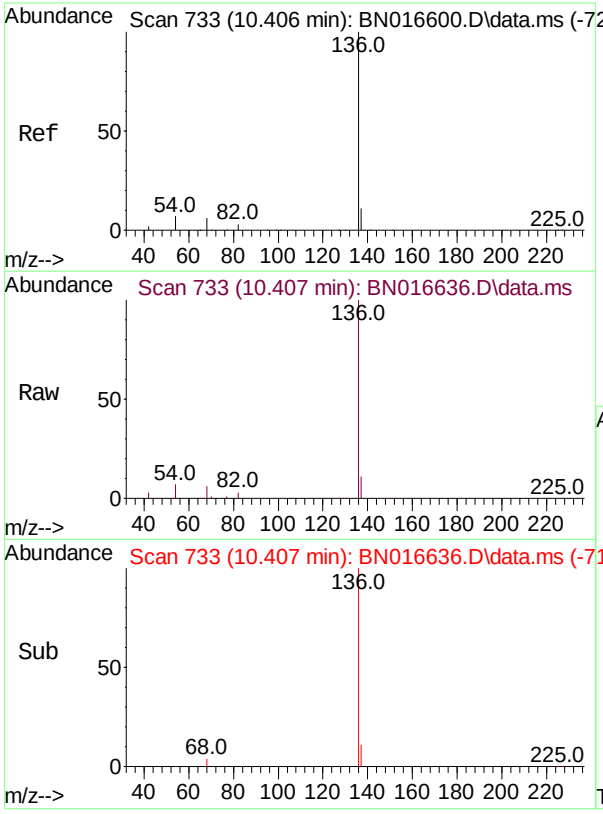


#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 7.080 min Scan# 434
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion: 93 Resp: 29888

Ion	Ratio	Lower	Upper
93	100		
63	72.4	59.1	88.7
95	33.0	26.2	39.4

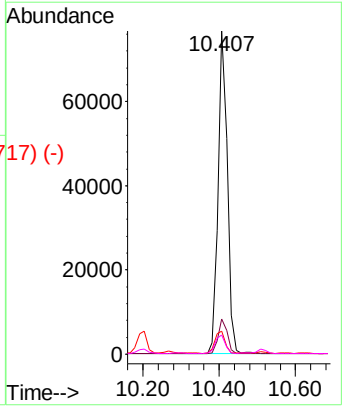




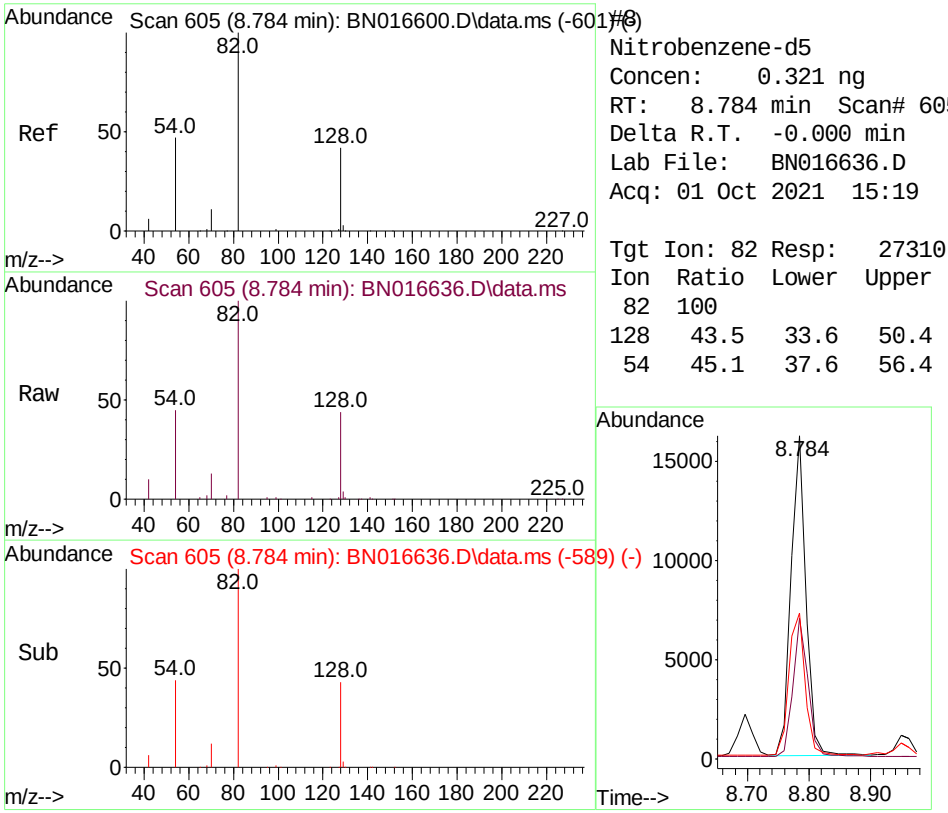
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:136 Resp: 130369

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.1	5.9	8.9
68	5.9	5.0	7.6



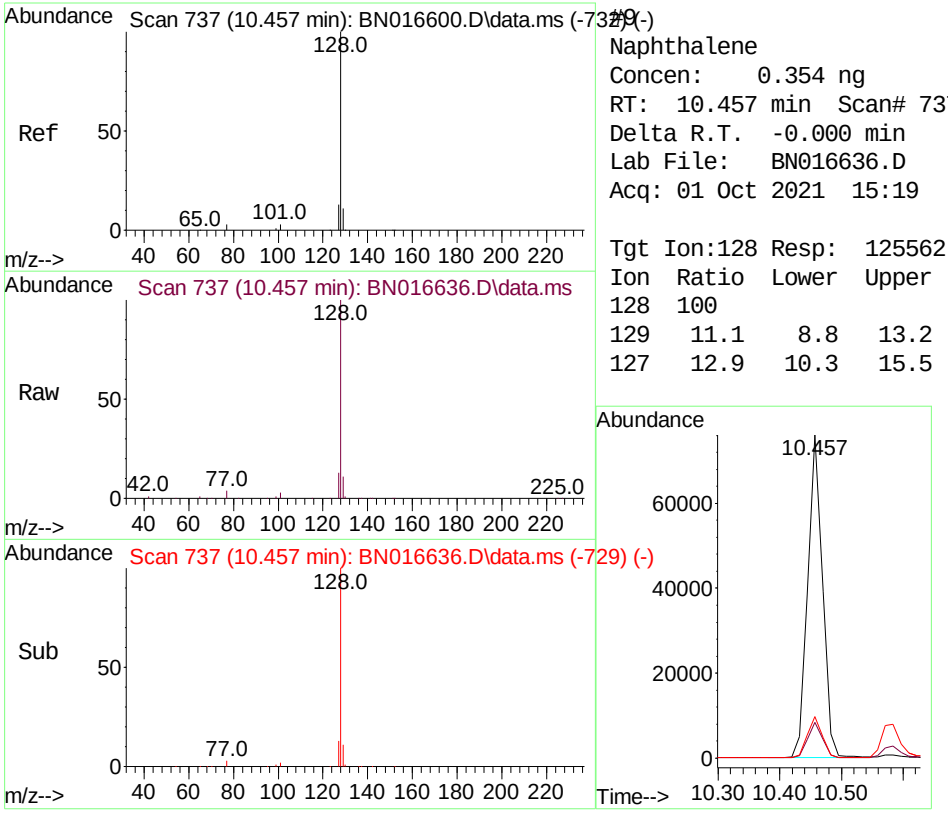
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD



#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.784 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion: 82 Resp: 27310

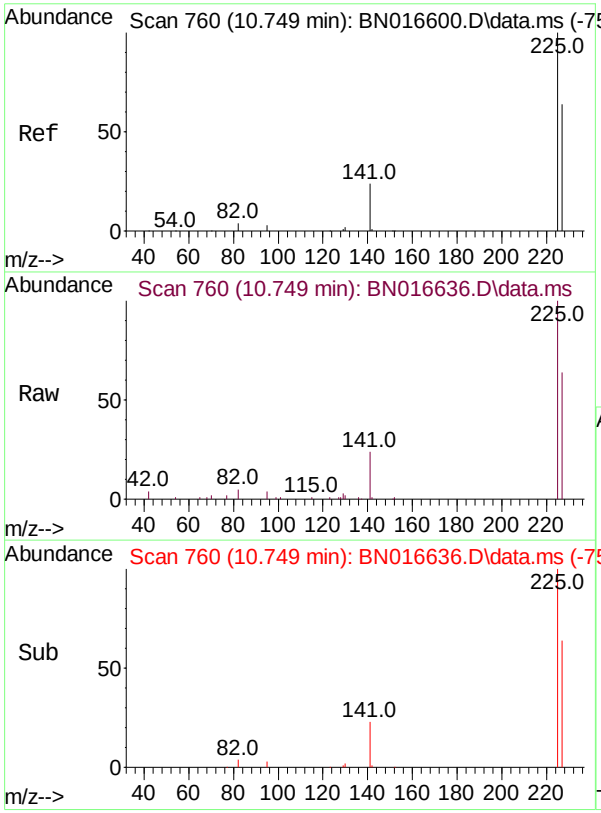
Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.6	50.4
54	45.1	37.6	56.4



#9
Naphthalene
Concen: 0.354 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:128 Resp: 125562

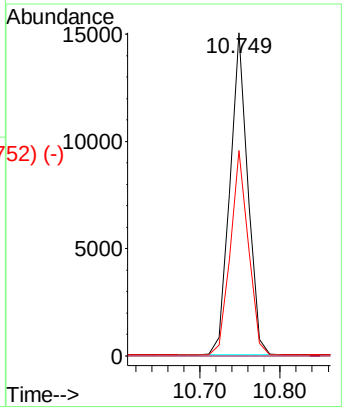
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.9	10.3	15.5



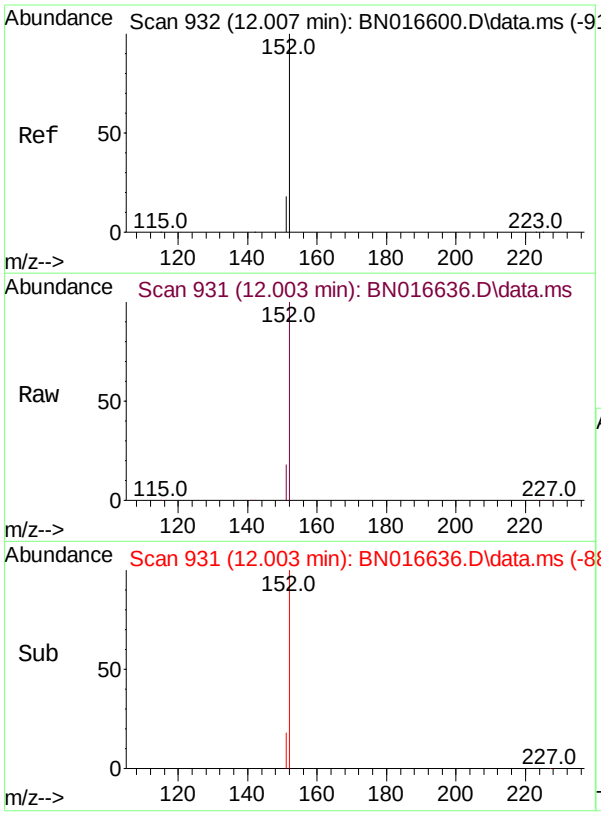
#10
Hexachlorobutadiene
Concen: 0.354 ng
RT: 10.749 min Scan# 760
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:225 Resp: 23547

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.0	76.6



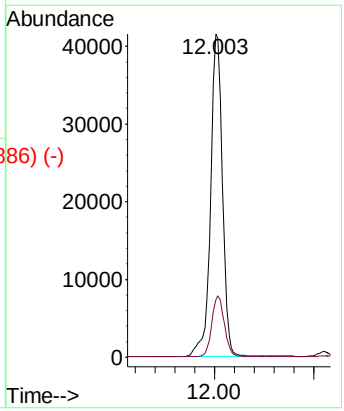
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD



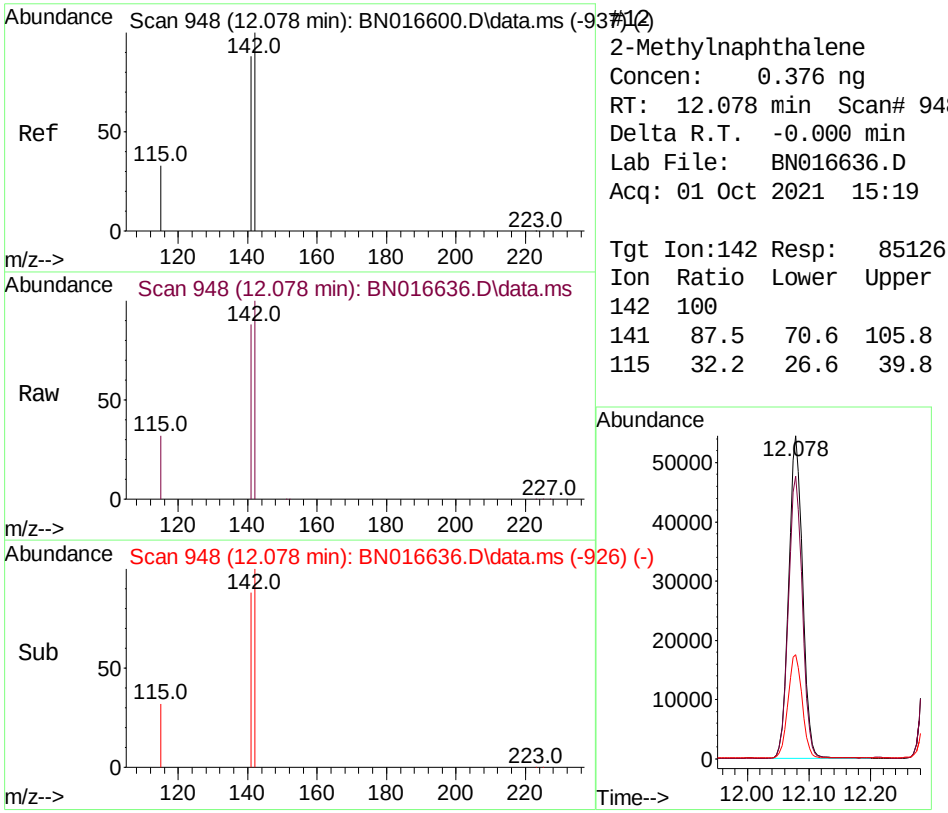
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:152 Resp: 68992

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4



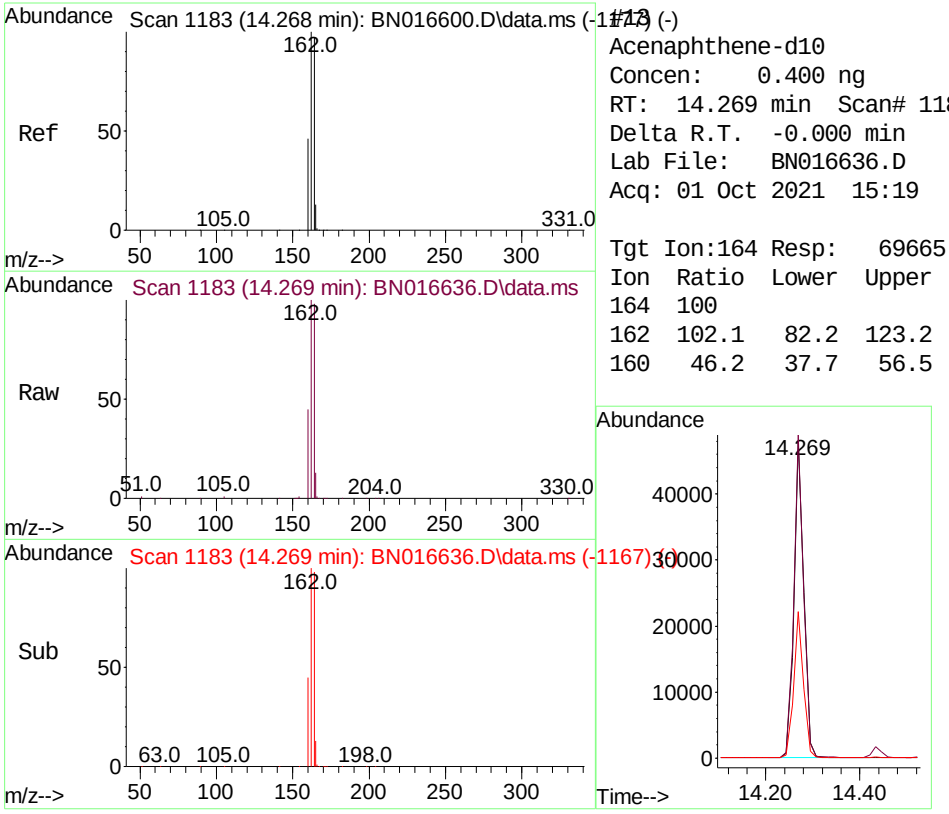
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD



#12
2-Methylnaphthalene
Concen: 0.376 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:142 Resp: 85126

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	105.8
115	32.2	26.6	39.8

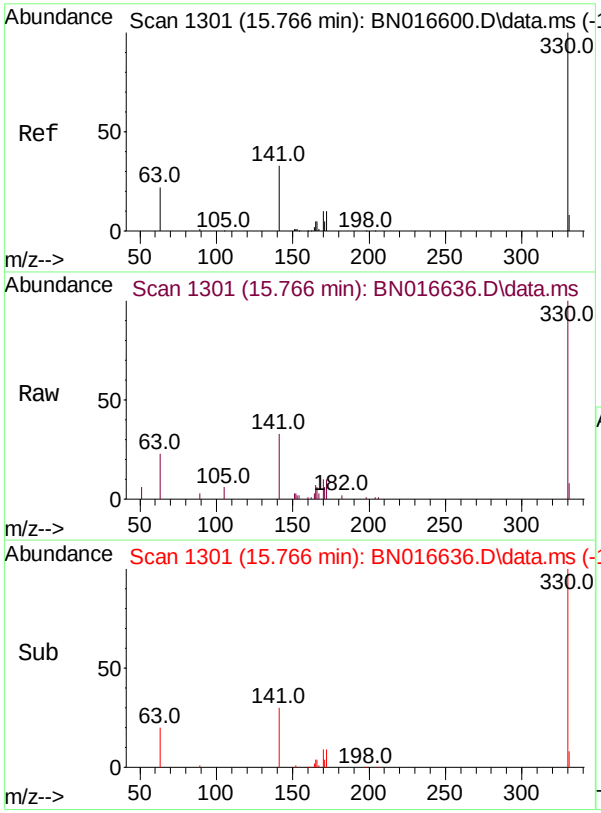


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:164 Resp: 69665

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.2
160	46.2	37.7	56.5

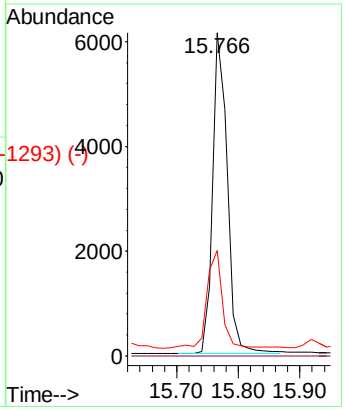
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD

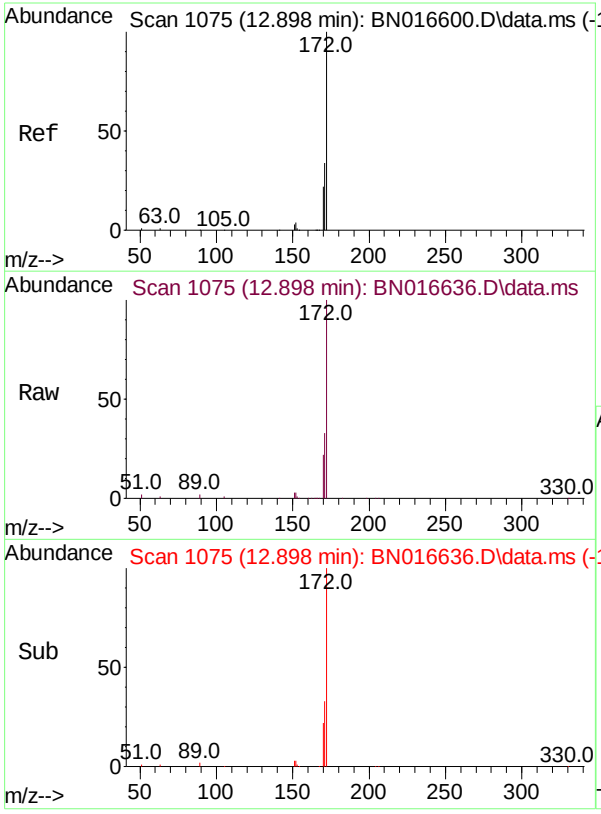


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:330 Resp: 10094

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.7	25.2	37.8

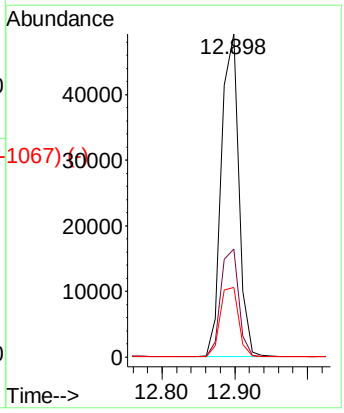




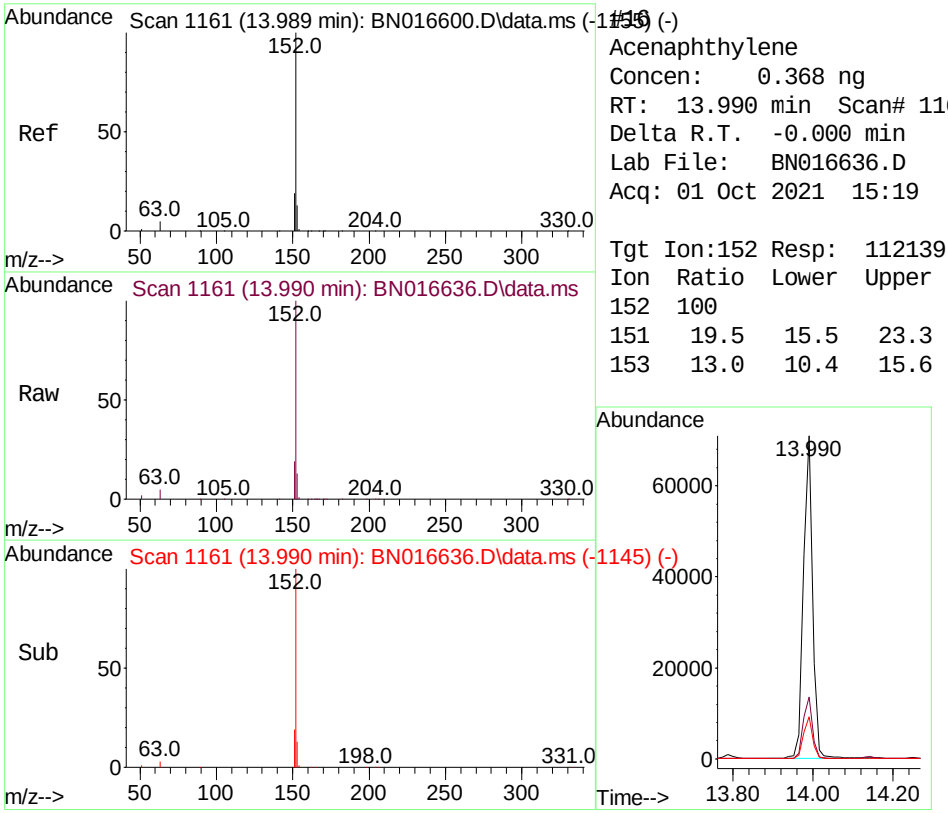
#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:172 Resp: 81931

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.0	40.4
170	21.6	17.4	26.2



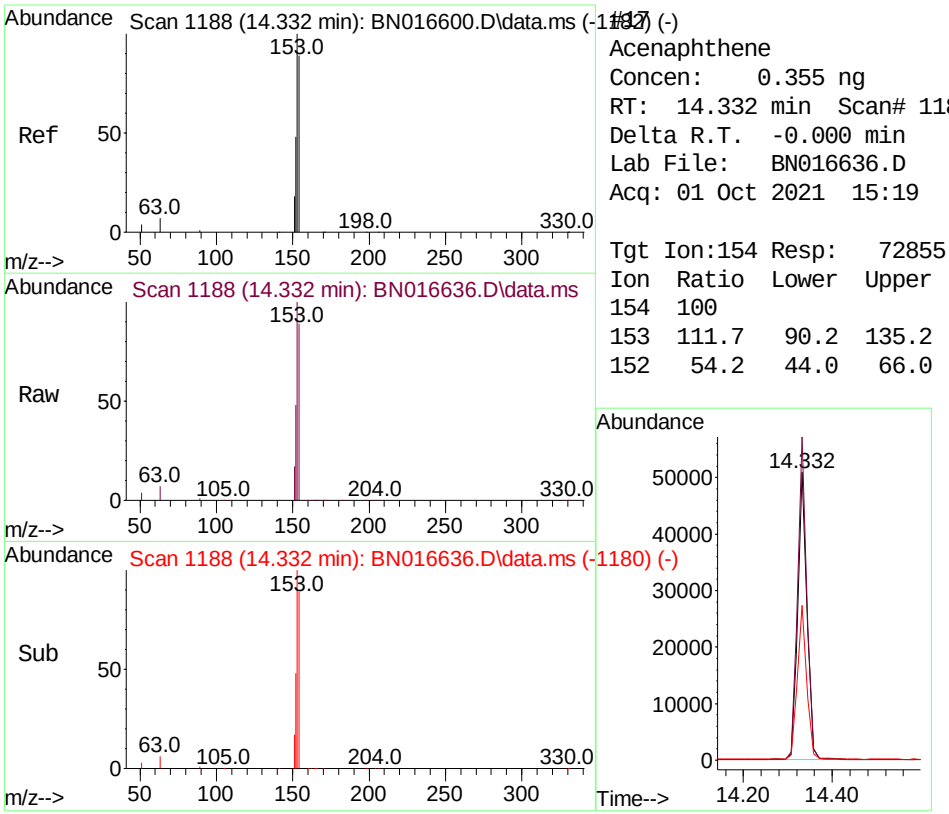
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD



#116
Acenaphthylene
Concen: 0.368 ng
RT: 13.990 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:152 Resp: 112139

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.0	10.4	15.6

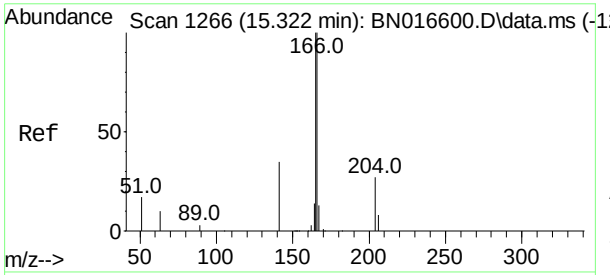


#117
Acenaphthene
Concen: 0.355 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:154 Resp: 72855

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.2	135.2
152	54.2	44.0	66.0

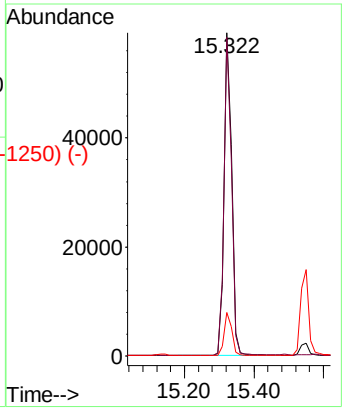
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD

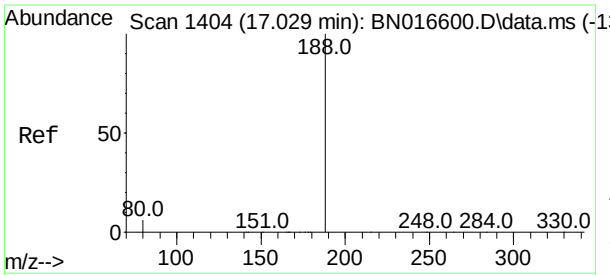


#10
Fluorene
Concen: 0.368 ng
RT: 15.322 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:166 Resp: 89218

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.9	116.9
167	13.6	10.7	16.1

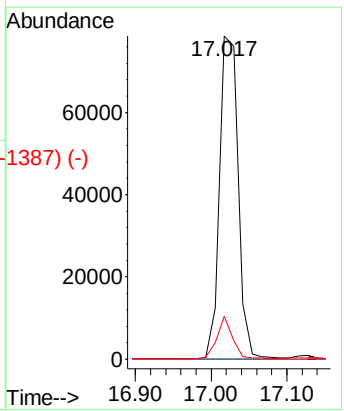




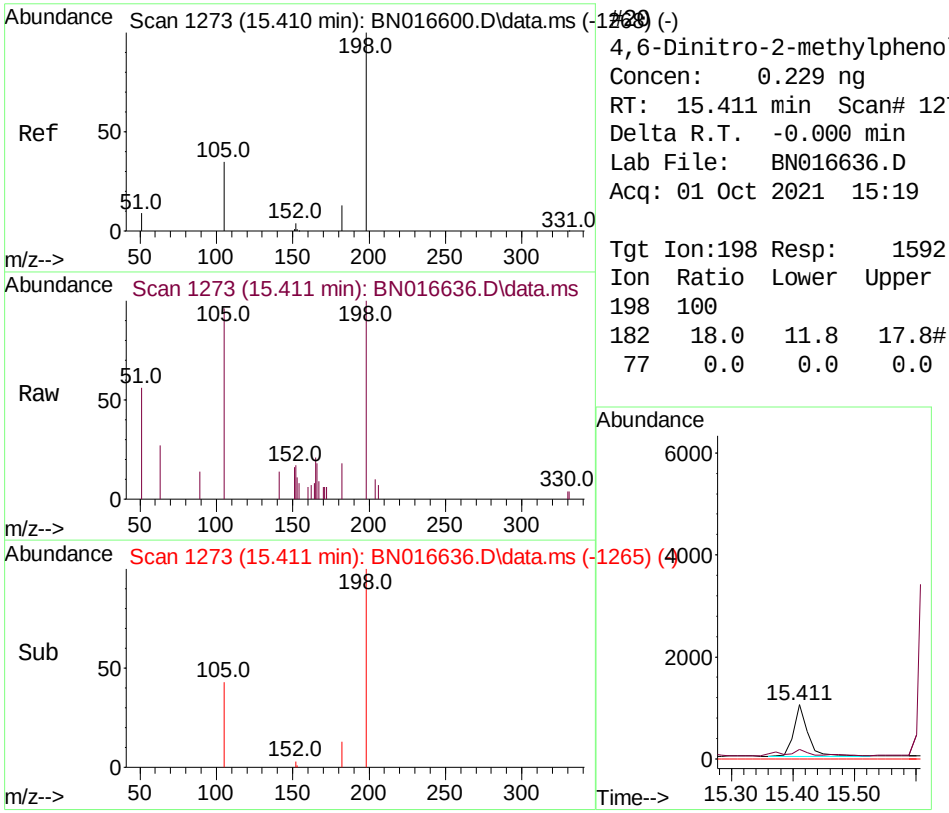
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:188 Resp: 133491

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	5.0	7.6#



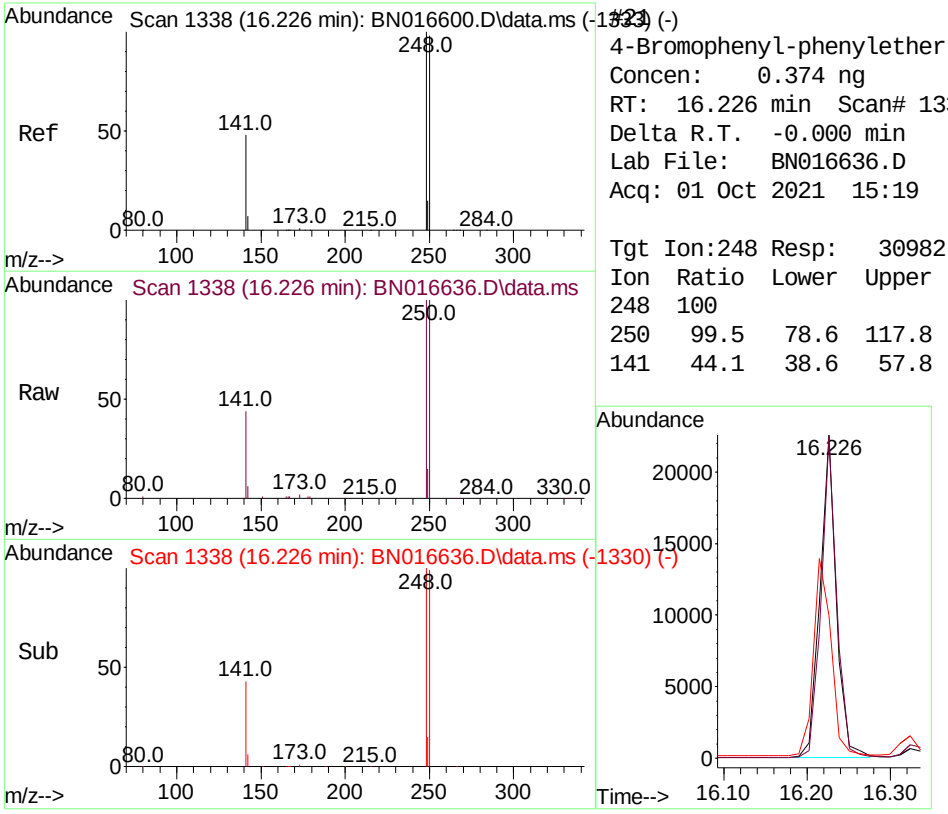
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD



#20
4,6-Dinitro-2-methylphenol
Concen: 0.229 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:198 Resp: 1592

Ion	Ratio	Lower	Upper
198	100		
182	18.0	11.8	17.8#
77	0.0	0.0	0.0

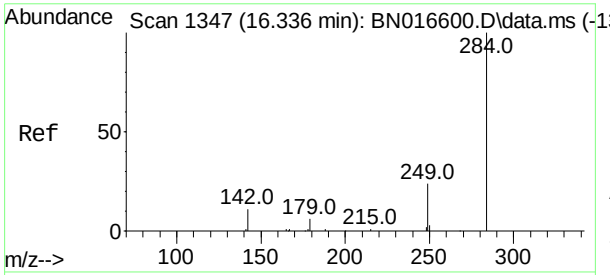


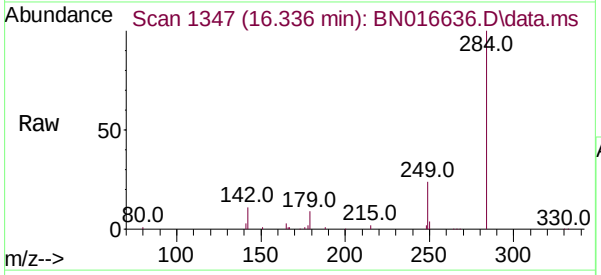
#21
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.226 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

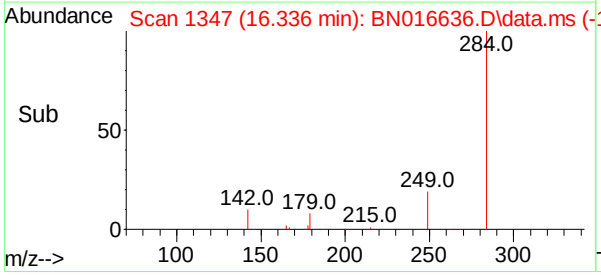
Tgt Ion:248 Resp: 30982

Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.6	117.8
141	44.1	38.6	57.8

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



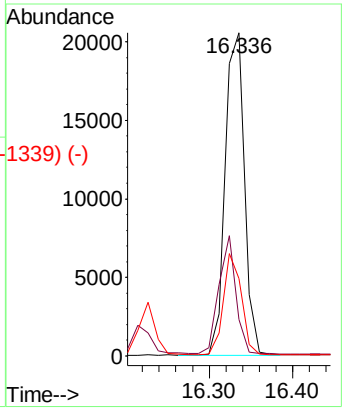


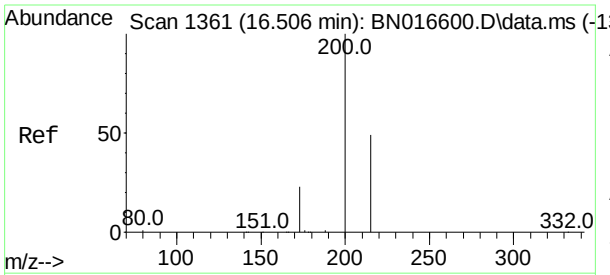


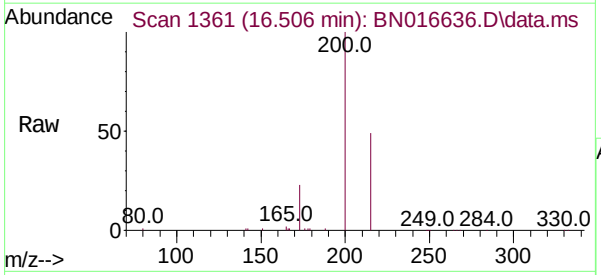
#22
Hexachlorobenzene
Concen: 0.349 ng
RT: 16.336 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

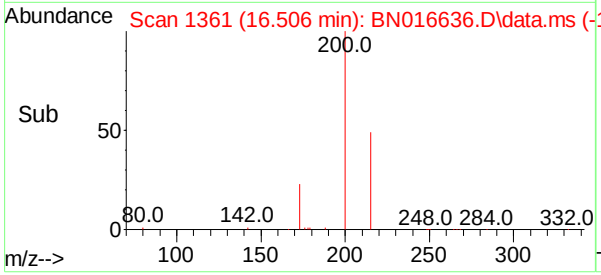
Tgt Ion:284 Resp: 33540

Ion	Ratio	Lower	Upper
284	100		
142	32.1	26.4	39.6
249	29.3	23.4	35.2





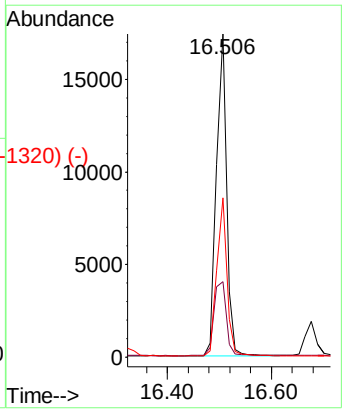




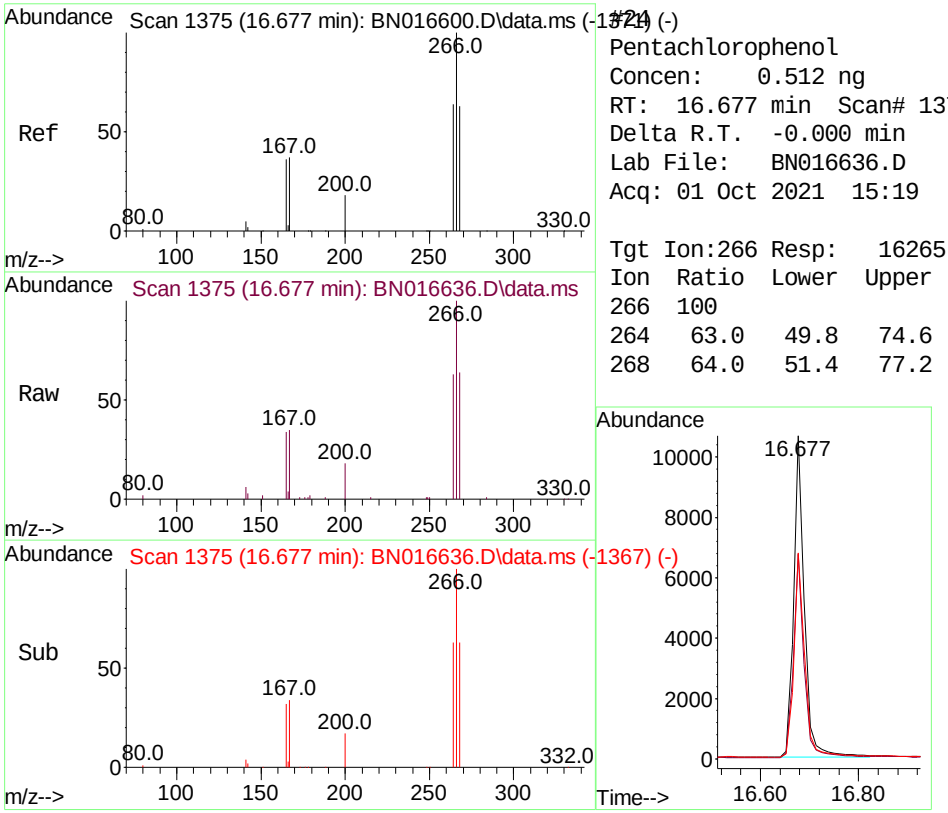
#23
Atrazine
Concen: 0.396 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:200 Resp: 23873

Ion	Ratio	Lower	Upper
200	100		
173	23.4	18.6	27.8
215	49.3	39.4	59.2



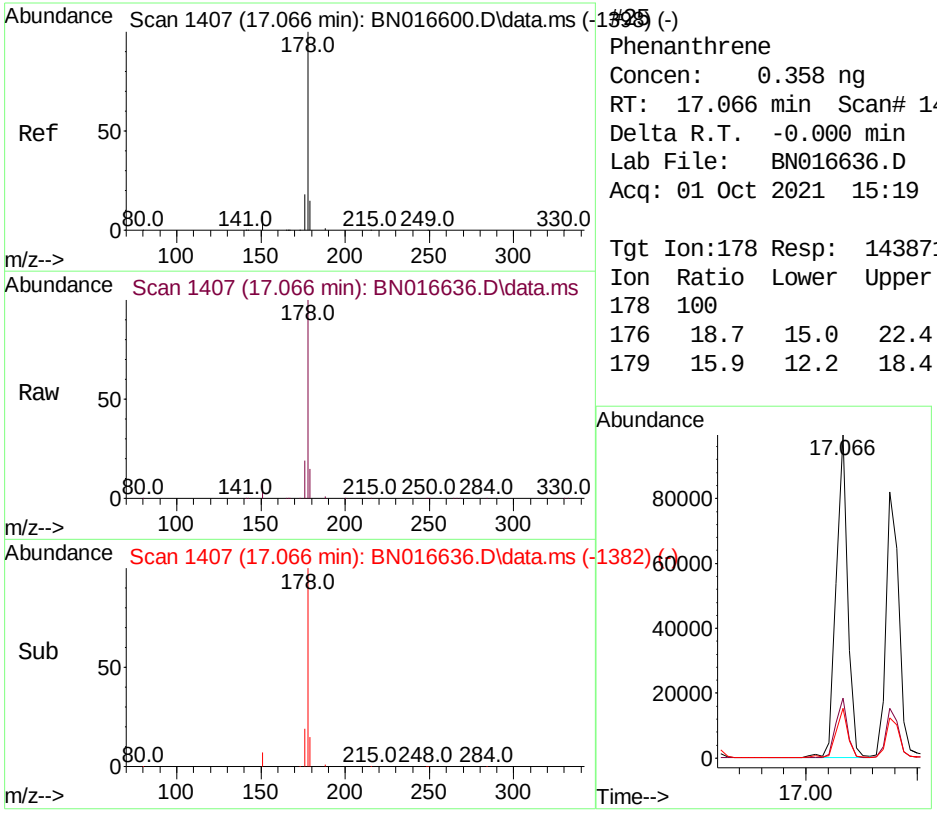
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD



#24
Pentachlorophenol
Concen: 0.512 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:266 Resp: 16265

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.8	74.6
268	64.0	51.4	77.2

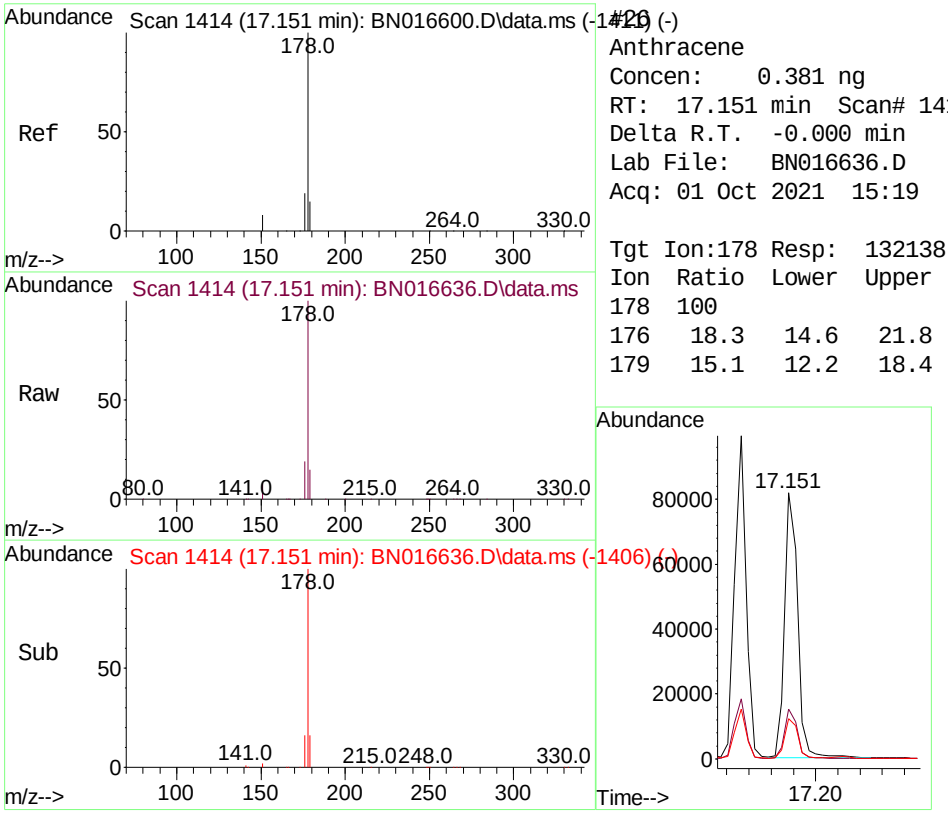


#25
Phenanthrene
Concen: 0.358 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:178 Resp: 143871

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.9	12.2	18.4

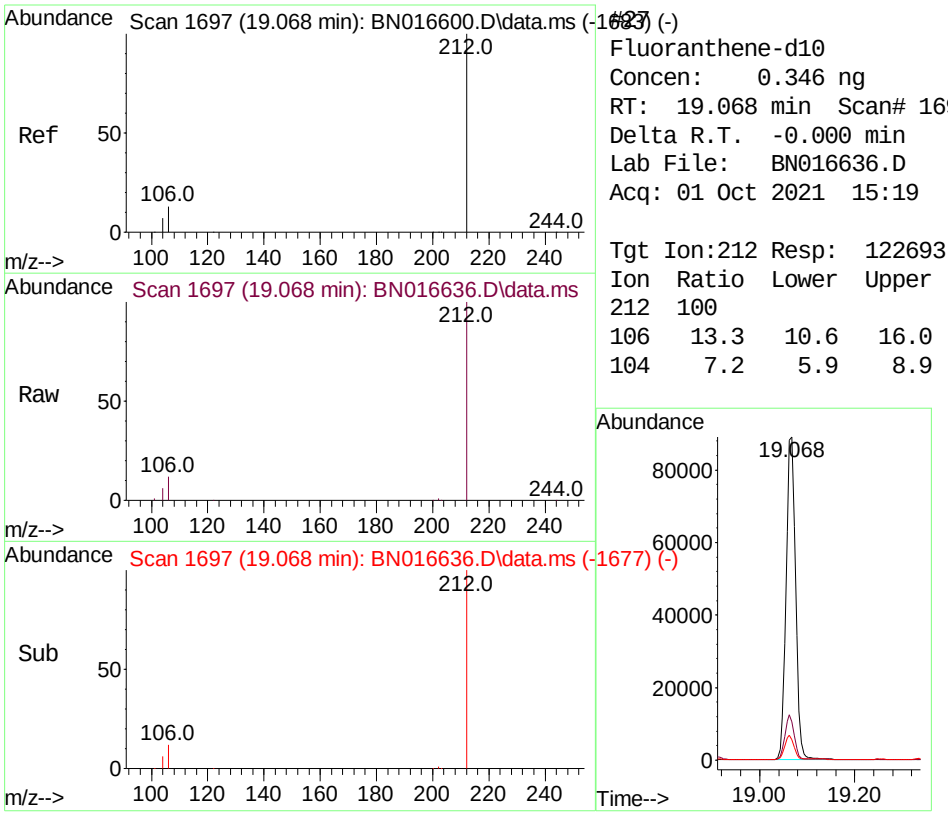
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD



#26
Anthracene
Concen: 0.381 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:178 Resp: 132138

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.1	12.2	18.4

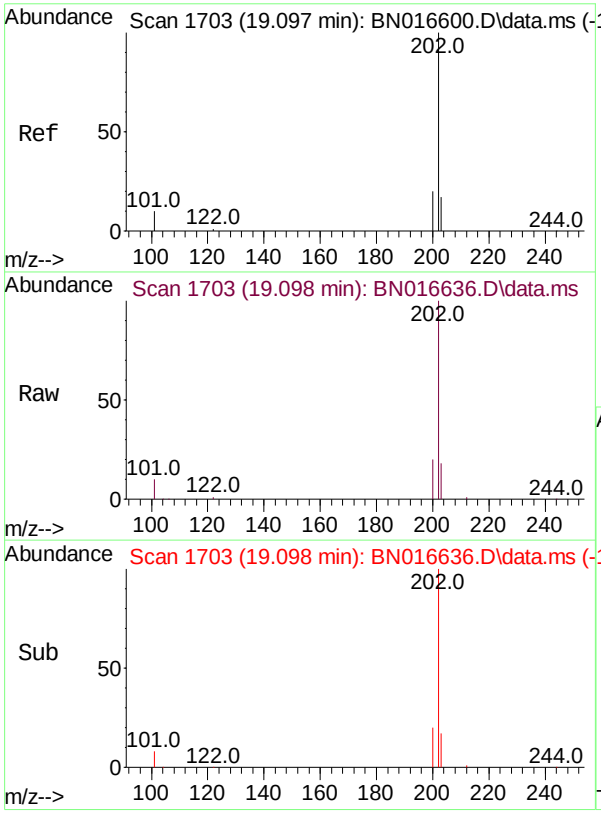


#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:212 Resp: 122693

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	16.0
104	7.2	5.9	8.9

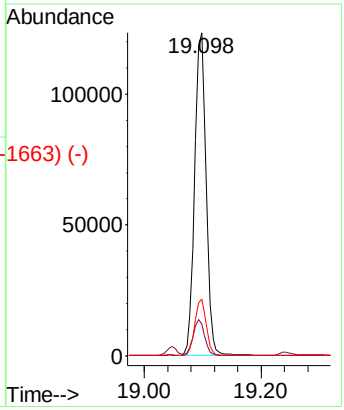
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD

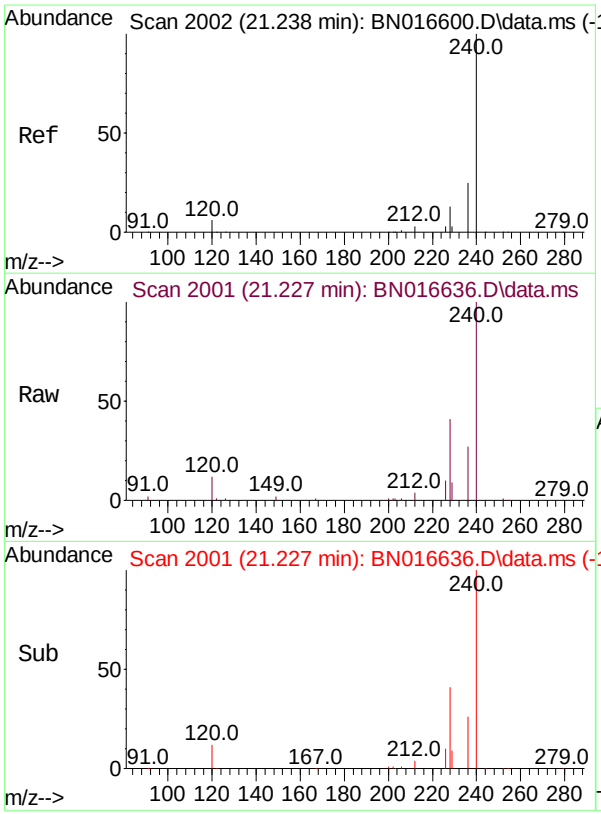


#28
Fluoranthene
Concen: 0.382 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:202 Resp: 165783

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.4
203	17.1	13.8	20.6

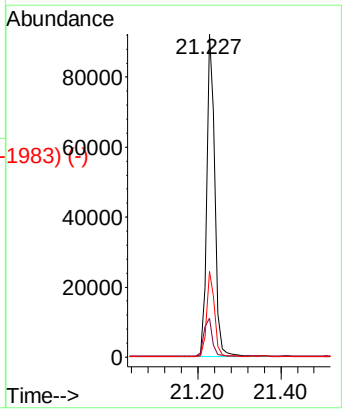




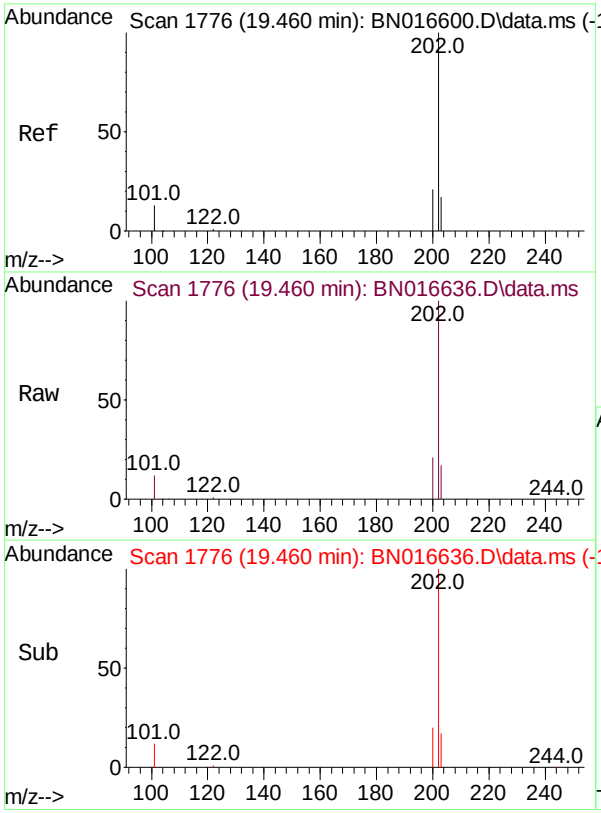
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:240 Resp: 129105

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.0	7.4#
236	26.5	20.4	30.6



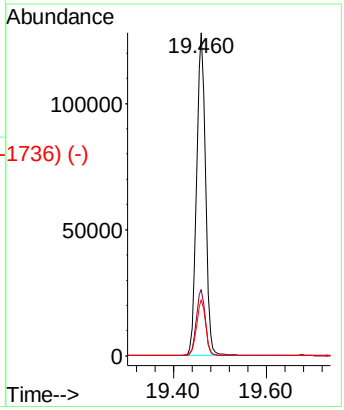
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD

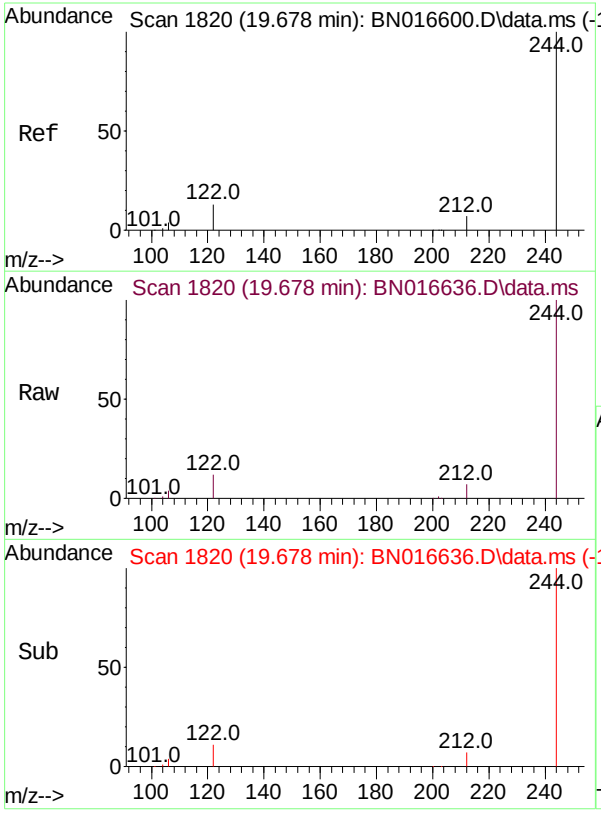


#30
Pyrene
Concen: 0.404 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:202 Resp: 168725

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

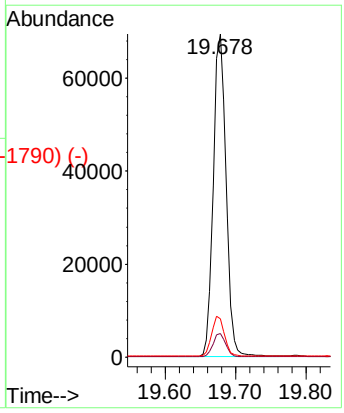




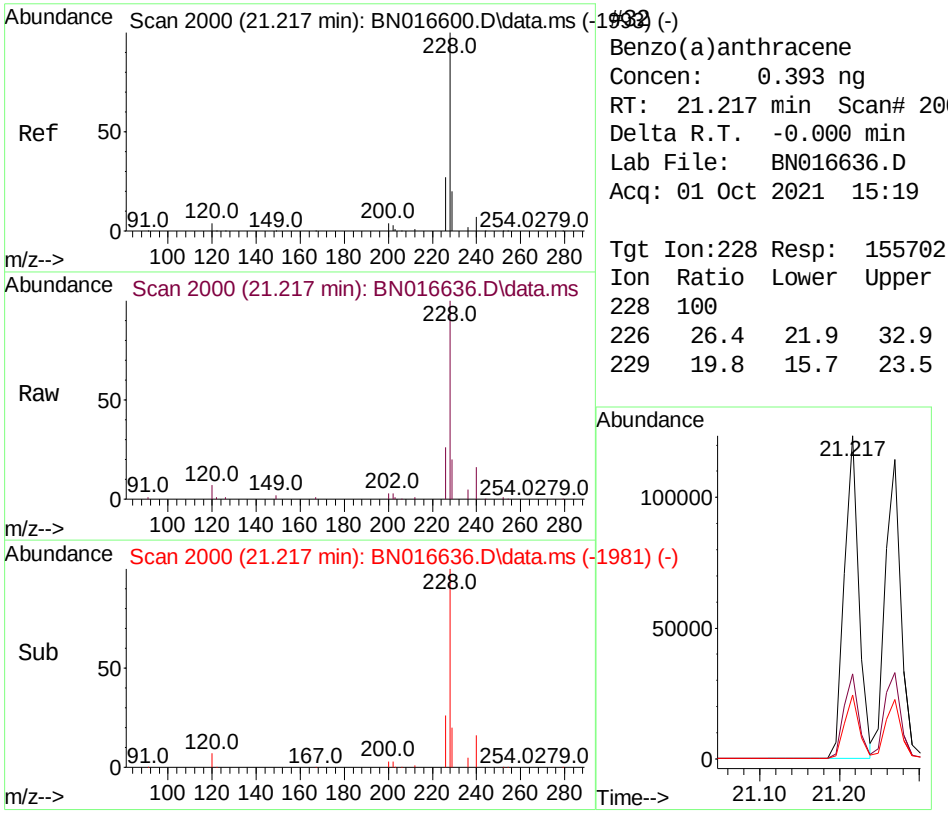
#31
Terphenyl-d14
Concen: 0.312 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:244 Resp: 87599

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.8	10.1	15.1



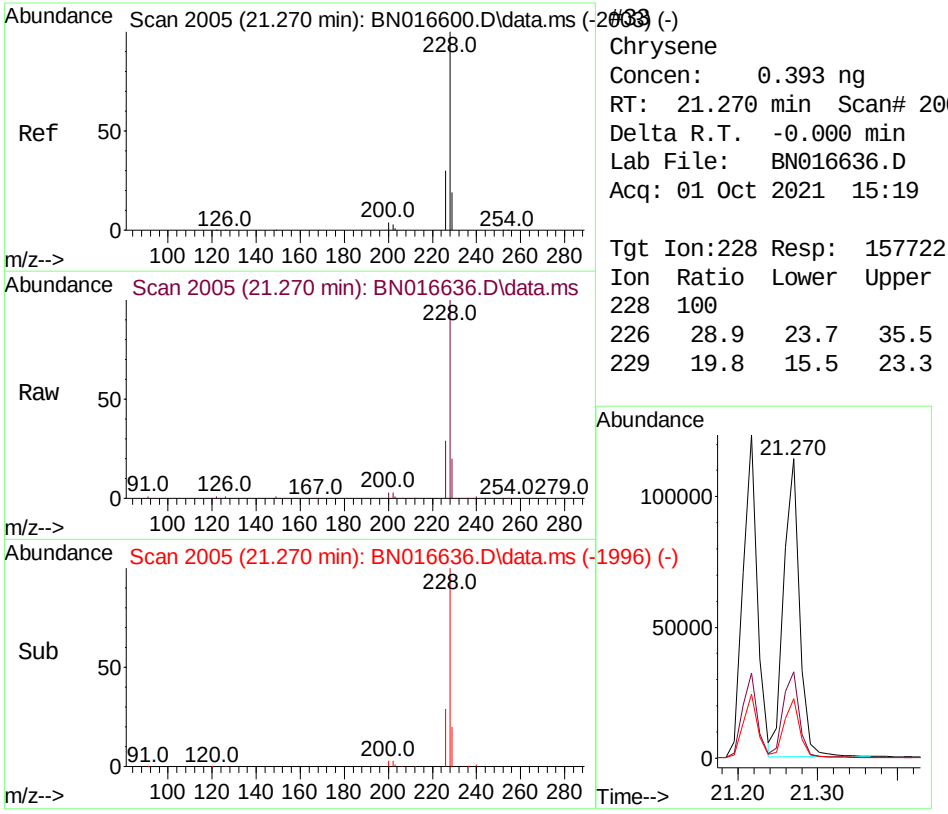
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD



#32
Benzo(a)anthracene
Concen: 0.393 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:228 Resp: 155702

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.9	32.9
229	19.8	15.7	23.5

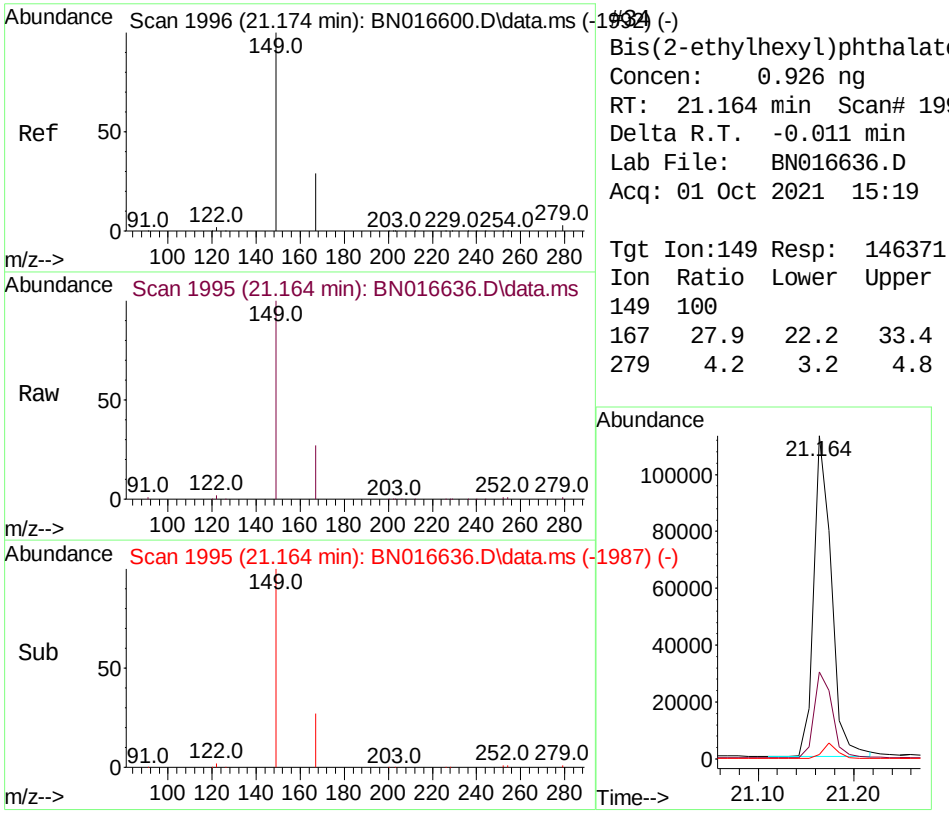


#33
Chrysene
Concen: 0.393 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:228 Resp: 157722

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.7	35.5
229	19.8	15.5	23.3

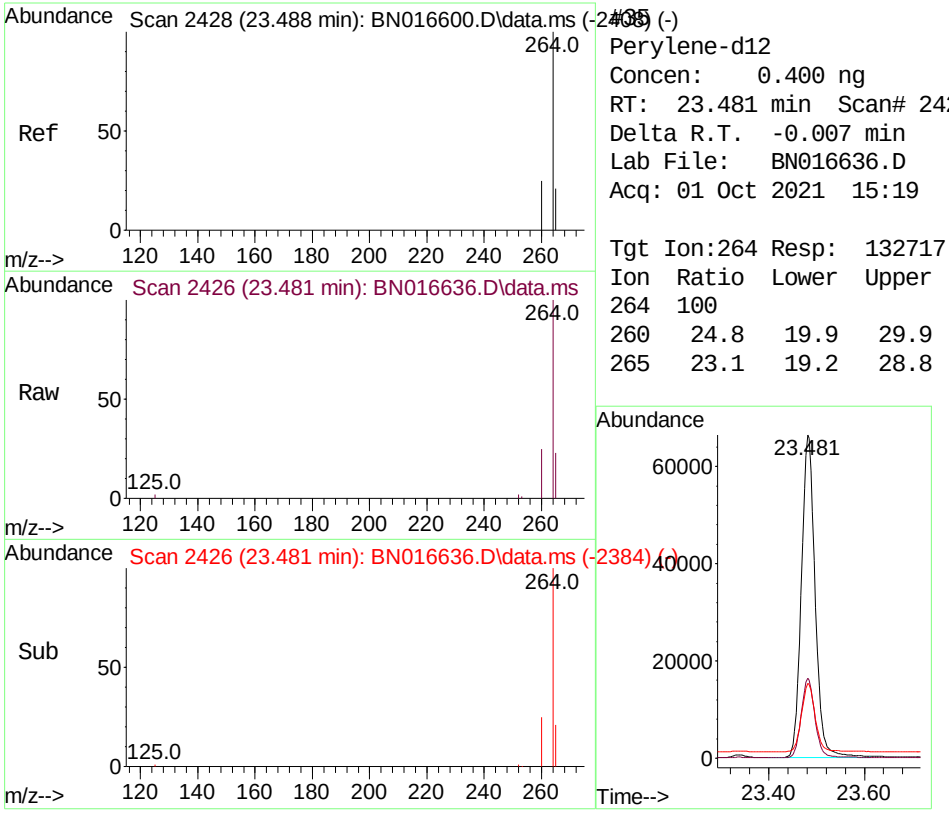
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.926 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:149 Resp: 146371

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	4.2	3.2	4.8

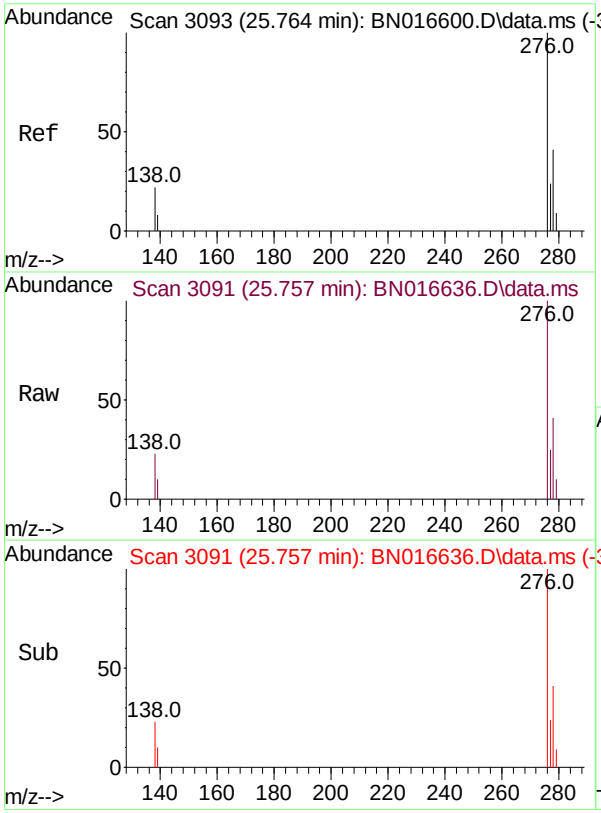


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:264 Resp: 132717

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	23.1	19.2	28.8

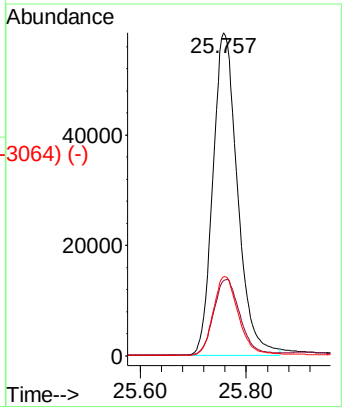
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD

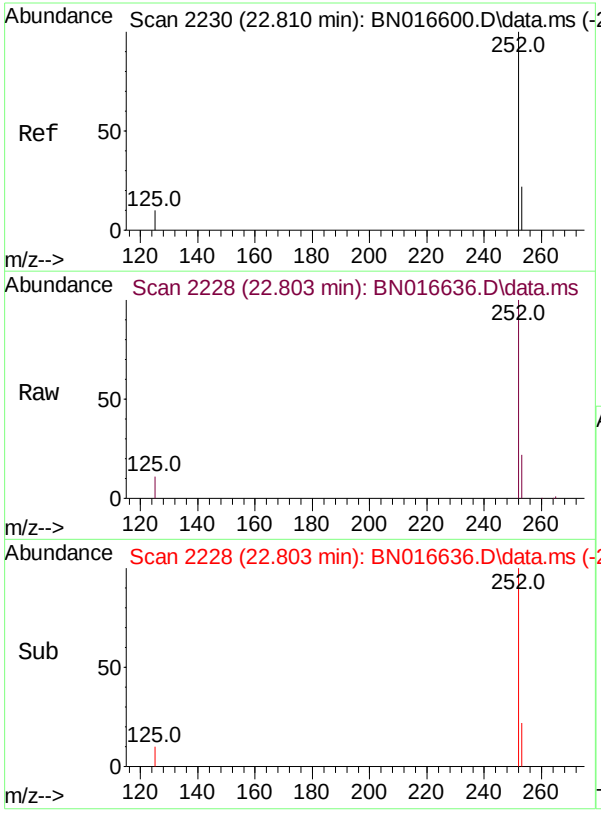


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 25.757 min Scan# 3091
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:276 Resp: 188958

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.5	29.3
277	24.9	19.9	29.9

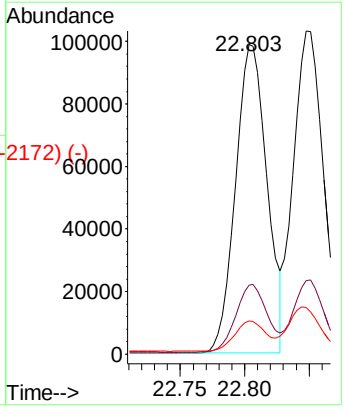




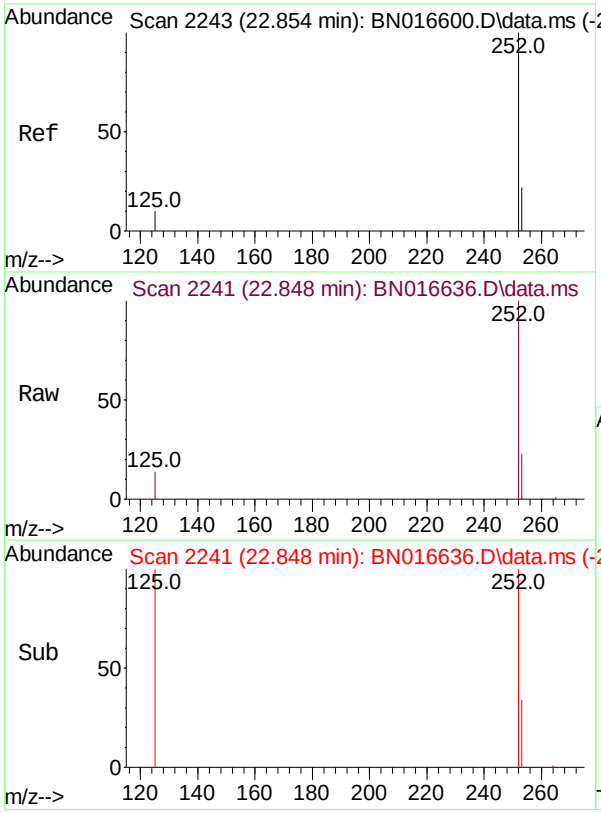
#37
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 22.803 min Scan# 2228
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:252 Resp: 168020

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.8	8.0	12.0



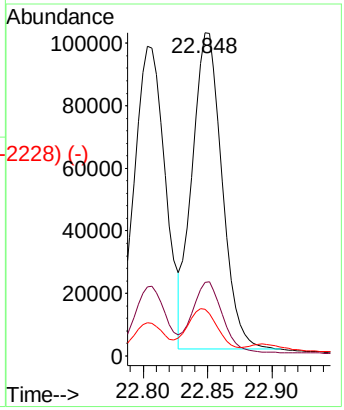
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD

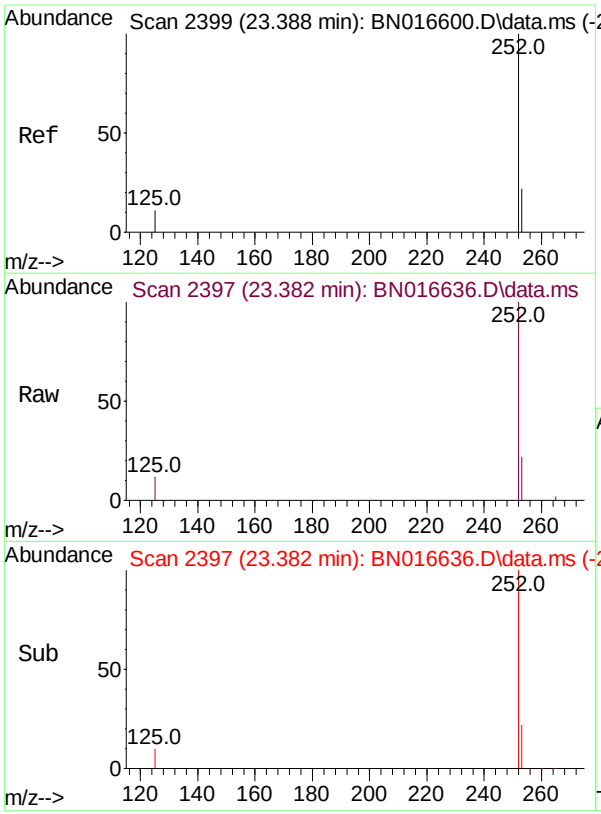


#38
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 22.848 min Scan# 2241
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:252 Resp: 163906

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	14.5	8.0	12.0#

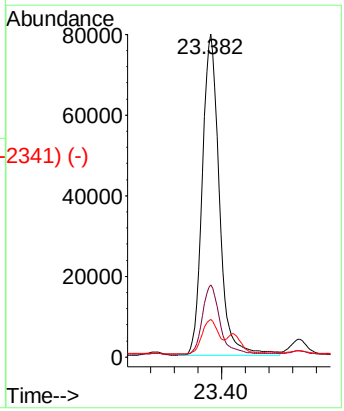




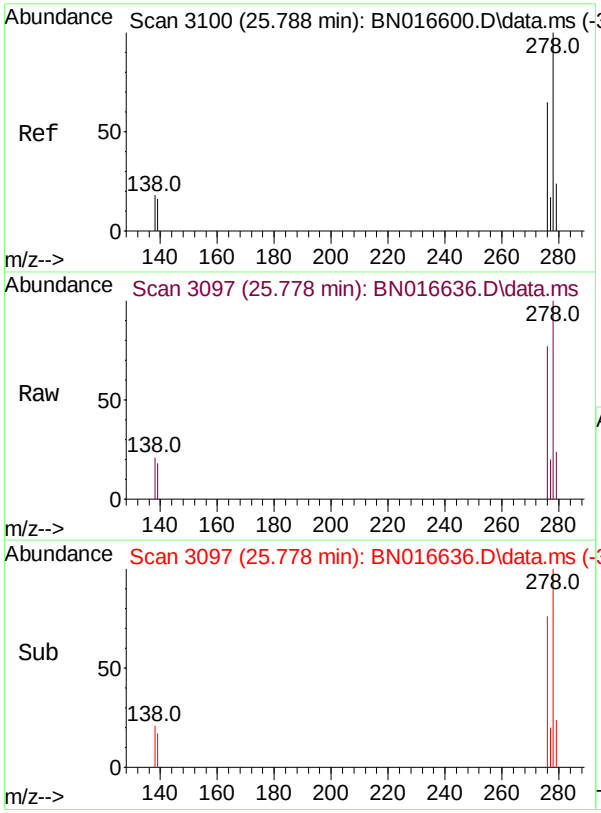
#39
Benzo(a)pyrene
Concen: 0.417 ng
RT: 23.382 min Scan# 2397
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:252 Resp: 158288

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



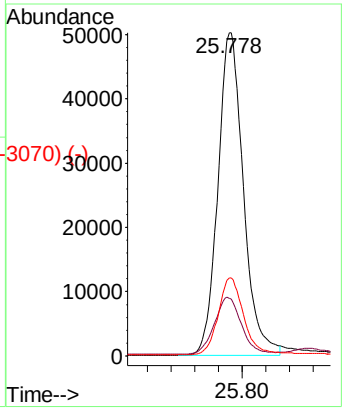
Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD

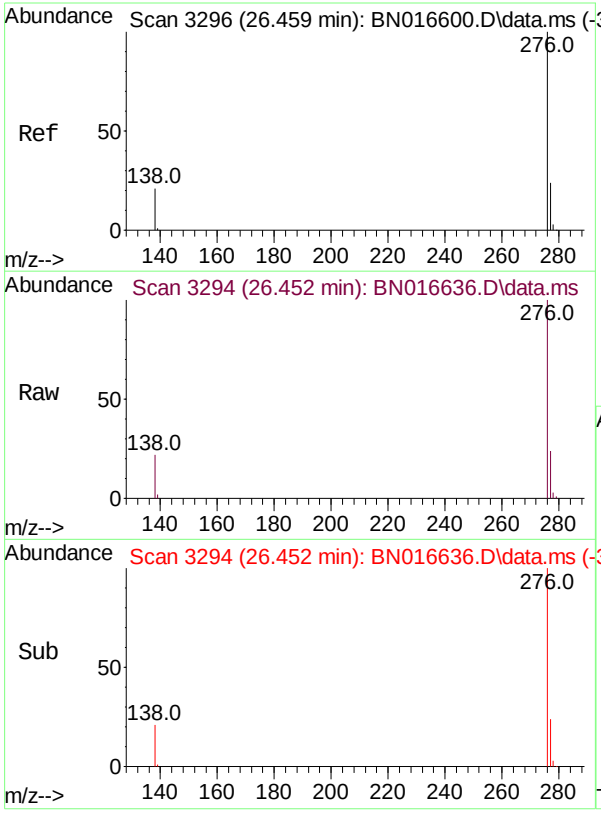


#40
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 25.778 min Scan# 3097
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:278 Resp: 149714

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.1	19.7
279	24.1	19.1	28.7





#41
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 26.452 min Scan# 3294
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:276 Resp: 166575

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	21.8	16.9	25.3