Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
Data File : BN016989.D
Acq On : 18 Oct 2021 15:23
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN101821

Quant Time: Oct 18 16:31:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 15:14:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.598	152	19796	0.400	ng		0.00
7) Naphthalene-d8	10.370	136	87734	0.400	ng		0.00
13) Acenaphthene-d10	14.232	164	46415	0.400	ng		0.00
19) Phenanthrene-d10	16.983	188	85913	0.400	ng		0.00
29) Chrysene-d12	21.187	240	85705	0.400	ng		0.00
35) Perylene-d12	23.411	264	82216	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.210	112	16111	0.388	ng		0.00
5) Phenol-d6	6.786	99	17940	0.377	ng		0.00
8) Nitrobenzene-d5	8.748	82	21224	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	11.964	152	47638	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	6275	0.384	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	68505	0.394	ng		0.00
27) Fluoranthene-d10	19.020	212	82055	0.382	ng		0.00
31) Terphenyl-d14	19.635	244	72849	0.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.200	88	4902	0.381	ng		99
3) n-Nitrosodimethylamine	3.532	42	5952	0.388	ng	#	100
6) bis(2-Chloroethyl)ether	7.045	93	21441	0.392	ng		100
9) Naphthalene	10.421	128	88075	0.386	ng		100
10) Hexachlorobutadiene	10.712	225	17761	0.393	ng	#	100
12) 2-Methylnaphthalene	12.040	142	57074	0.388	ng		99
16) Acenaphthylene	13.940	152	70563	0.376	ng		100
17) Acenaphthene	14.296	154	49429	0.385	ng		100
18) Fluorene	15.285	166	59585	0.385	ng		100
20) 4,6-Dinitro-2-methylph...	15.374	198	2308	0.383	ng		100
21) 4-Bromophenyl-phenylether	16.179	248	19102	0.381	ng		97
22) Hexachlorobenzene	16.289	284	23100	0.401	ng		99
23) Atrazine	16.459	200	11412	0.383	ng		99
24) Pentachlorophenol	16.642	266	4675	0.413	ng		100
25) Phenanthrene	17.019	178	96329	0.394	ng		100
26) Anthracene	17.116	178	77851	0.378	ng		100
28) Fluoranthene	19.050	202	105637	0.398	ng		100
30) Pyrene	19.417	202	103549	0.383	ng		100
32) Benzo(a)anthracene	21.165	228	94784	0.374	ng		100
33) Chrysene	21.218	228	108809	0.390	ng		100
34) Bis(2-ethylhexyl)phtha...	21.123	149	31712	0.400	ng		100
36) Indeno(1,2,3-cd)pyrene	25.653	276	106017	0.378	ng		100
37) Benzo(b)fluoranthene	22.743	252	102338	0.381	ng		100
38) Benzo(k)fluoranthene	22.784	252	105708	0.396	ng		100
39) Benzo(a)pyrene	23.311	252	88547	0.377	ng		99
40) Dibenzo(a,h)anthracene	25.673	278	84304	0.376	ng		99
41) Benzo(g,h,i)perylene	26.334	276	94811	0.379	ng		100

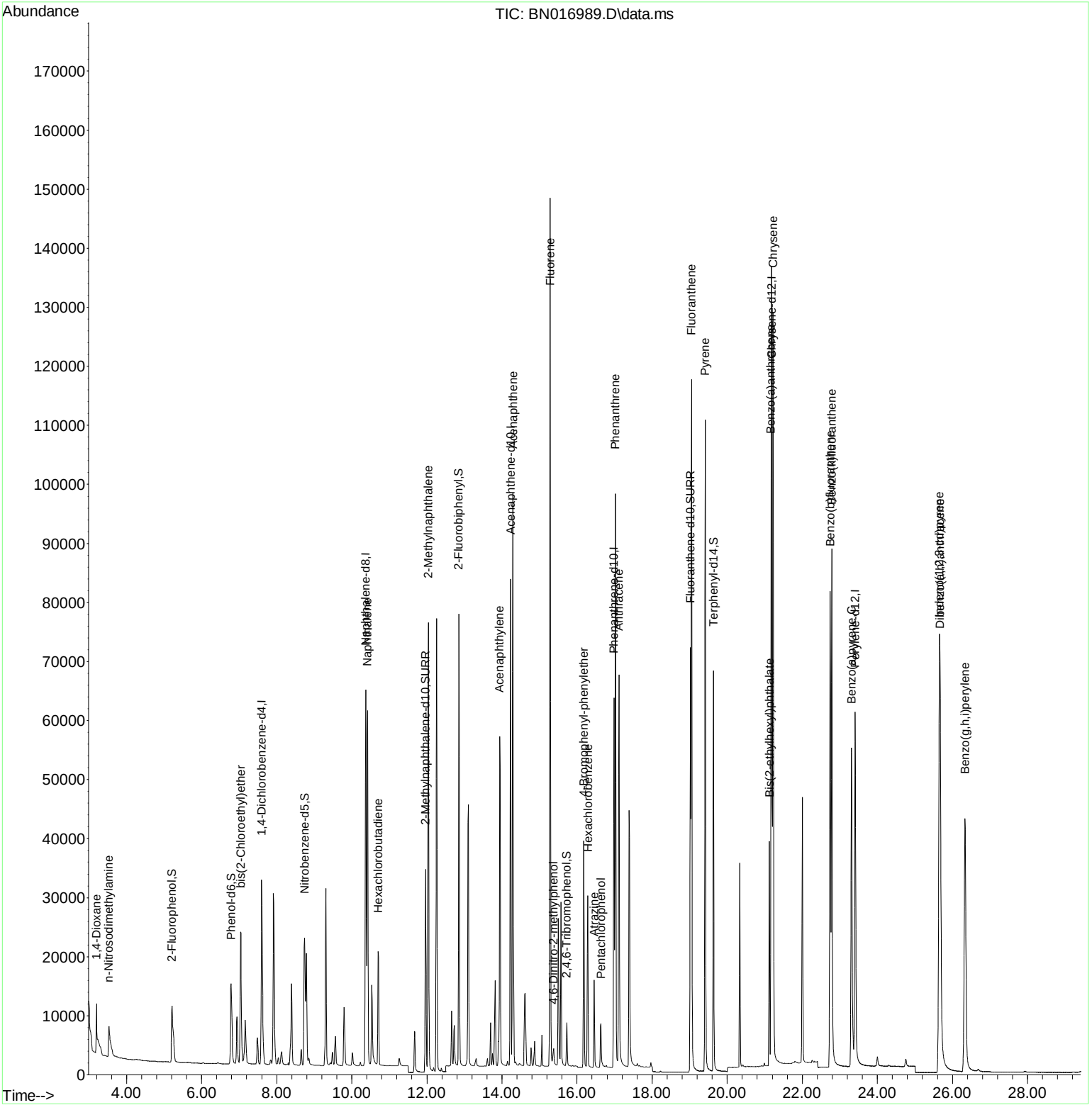
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

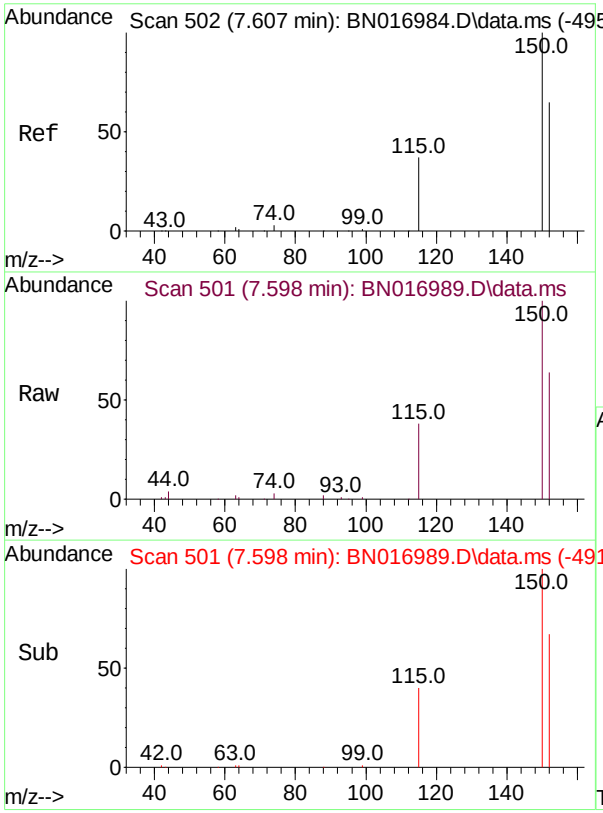
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
Data File : BN016989.D
Acq On : 18 Oct 2021 15:23
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN101821

Quant Time: Oct 18 16:31:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 15:14:53 2021
Response via : Initial Calibration



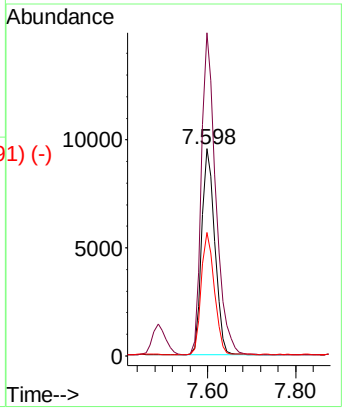
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

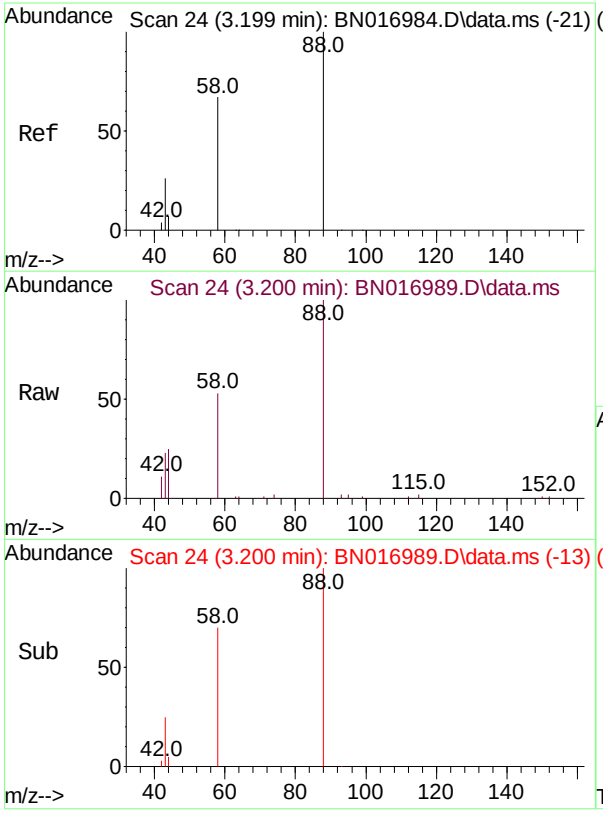


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.598 min Scan# 501
Delta R.T. -0.009 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:152 Resp: 19796

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.0	184.4
115	59.6	46.3	69.5

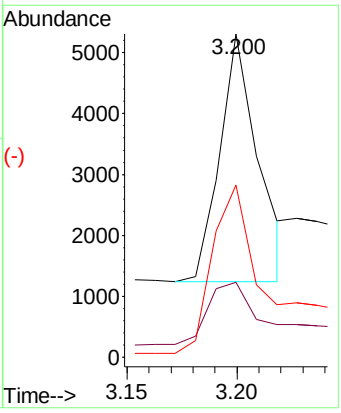




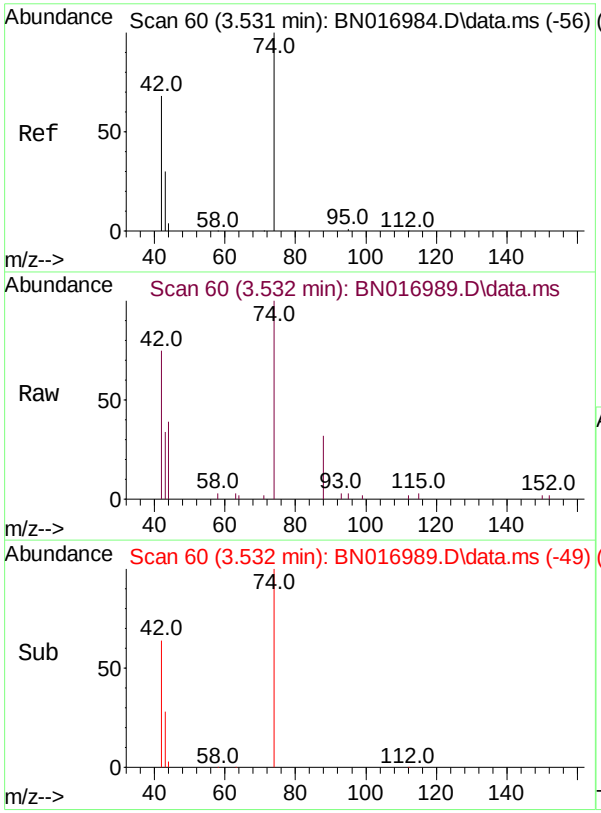
#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.200 min Scan# 24
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion: 88 Resp: 4902

Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.8	40.2
58	78.0	63.0	94.4



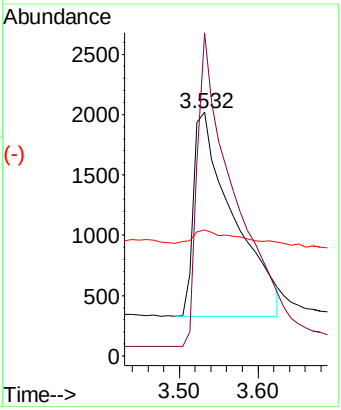
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

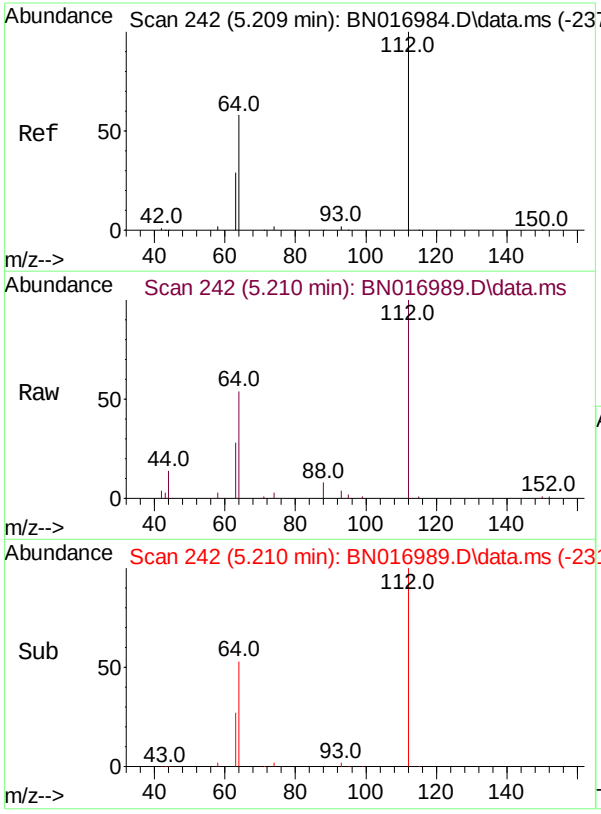


#3
n-Nitrosodimethylamine
Concen: 0.388 ng
RT: 3.532 min Scan# 60
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion: 42 Resp: 5952

Ion	Ratio	Lower	Upper
42	100		
74	143.7	114.7	172.1
44	6.5	3.8	5.6#

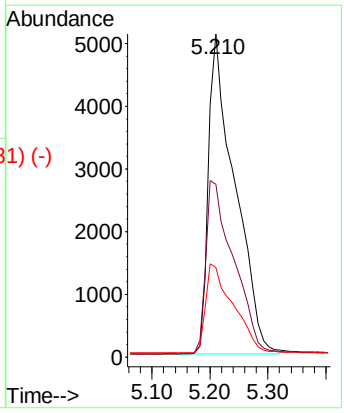




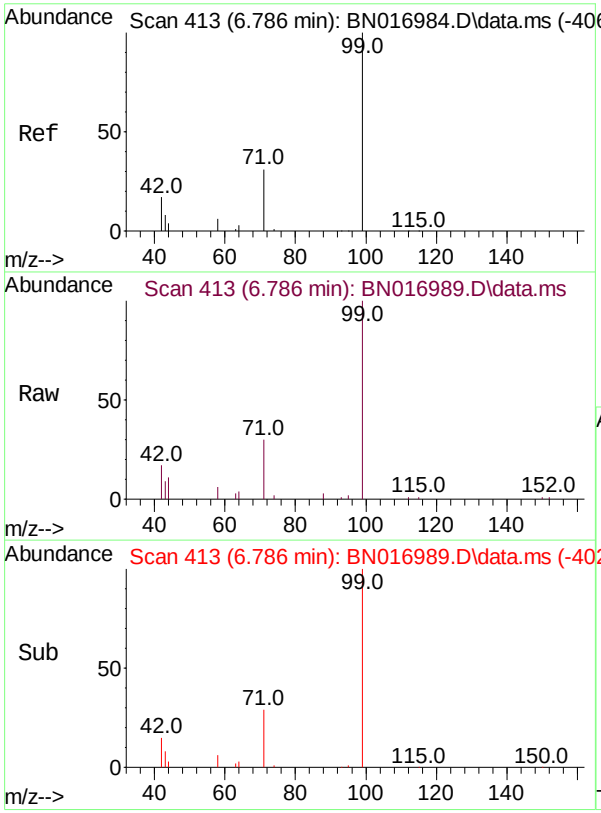
#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.210 min Scan# 242
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:112 Resp: 16111

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.5	68.3
63	28.9	23.0	34.6



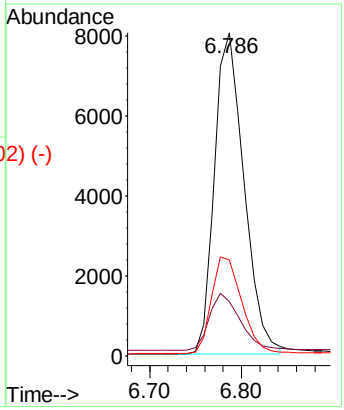
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

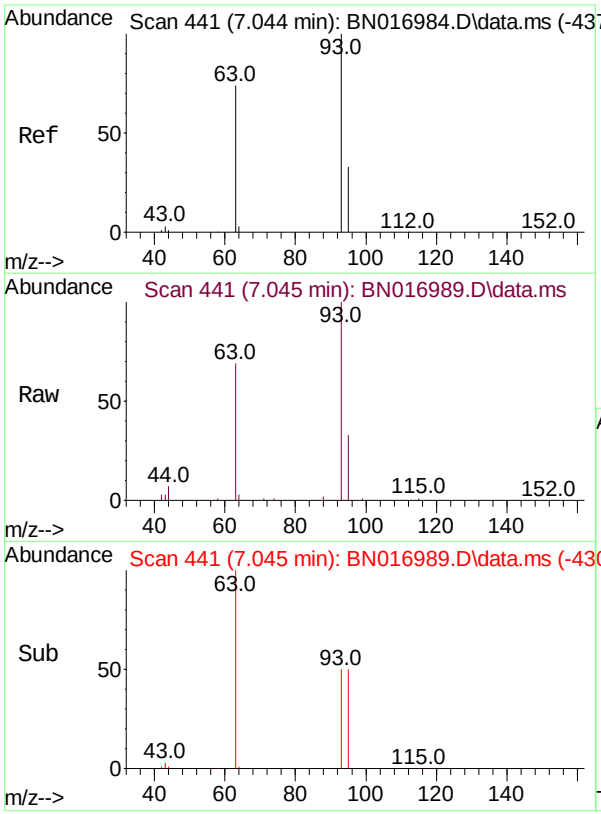


#5
Phenol-d6
Concen: 0.377 ng
RT: 6.786 min Scan# 413
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion: 99 Resp: 17940

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	21.8
71	30.9	24.8	37.2

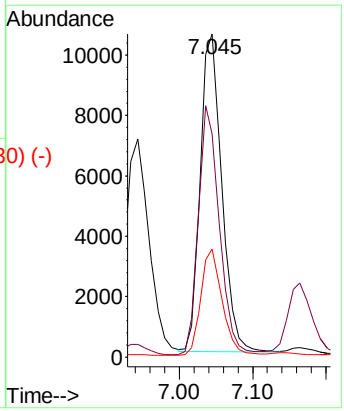




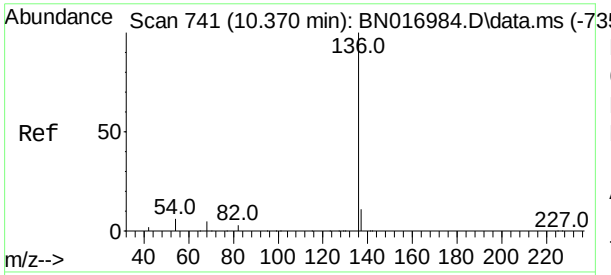
#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 7.045 min Scan# 441
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion: 93 Resp: 21441

Ion	Ratio	Lower	Upper
93	100		
63	76.5	60.9	91.3
95	33.0	26.4	39.6



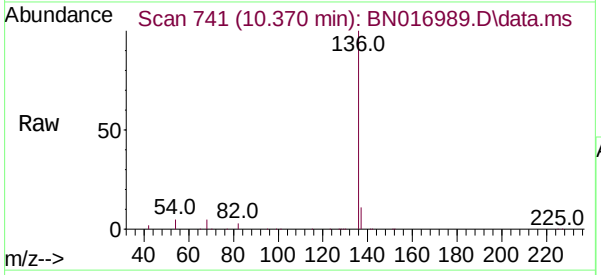
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

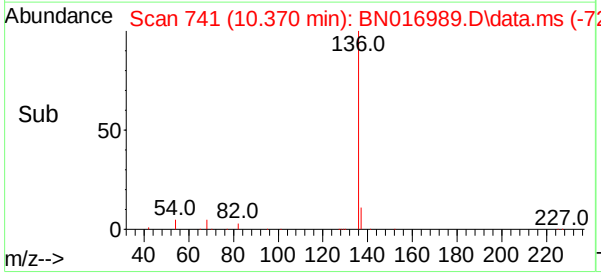


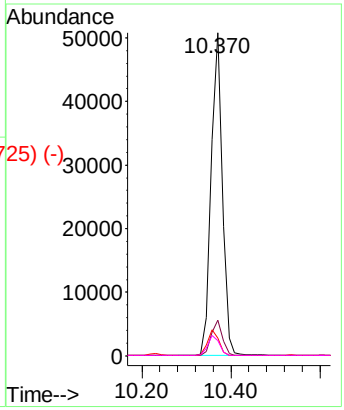
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.370 min Scan# 741
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

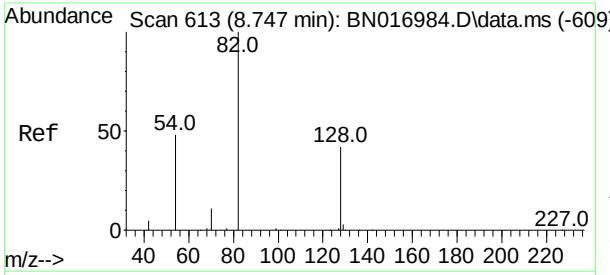
Tgt Ion:136 Resp: 87734

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.5	5.2	7.8
68	4.7	4.4	6.6





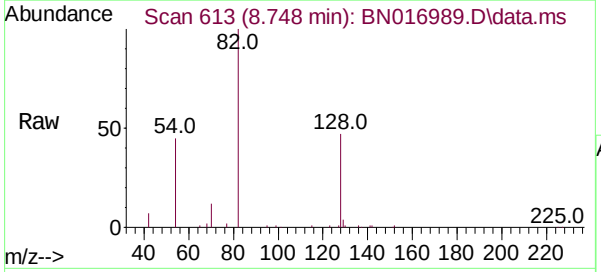


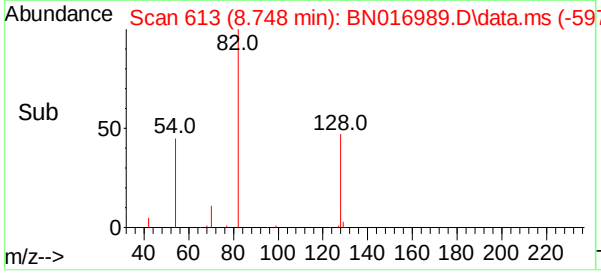


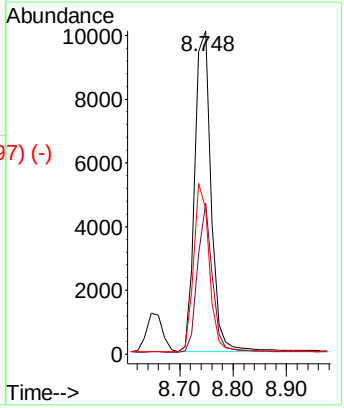
#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.748 min Scan# 613
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion: 82 Resp: 21224

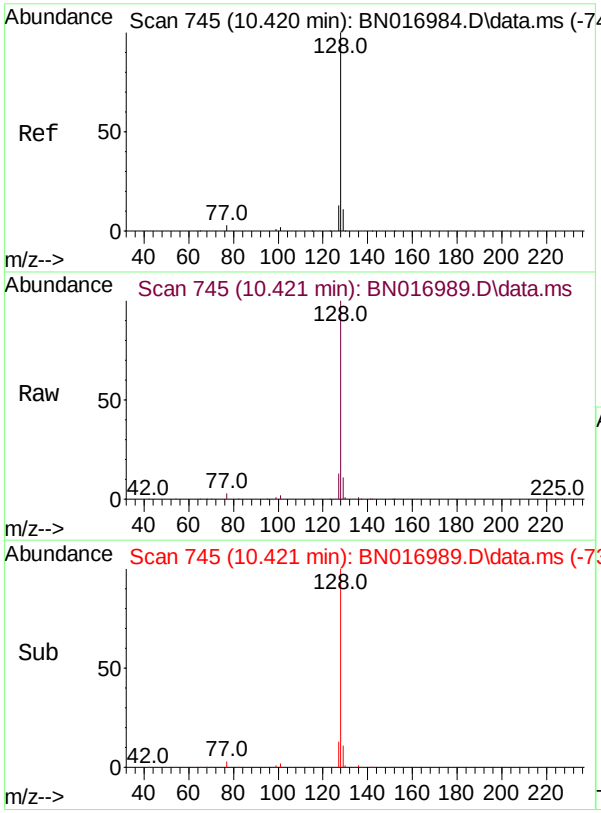
Ion	Ratio	Lower	Upper
82	100		
128	46.8	33.9	50.9
54	44.9	38.3	57.5







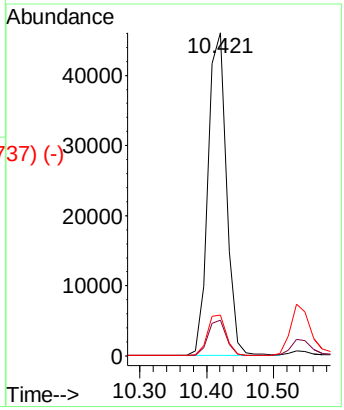
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

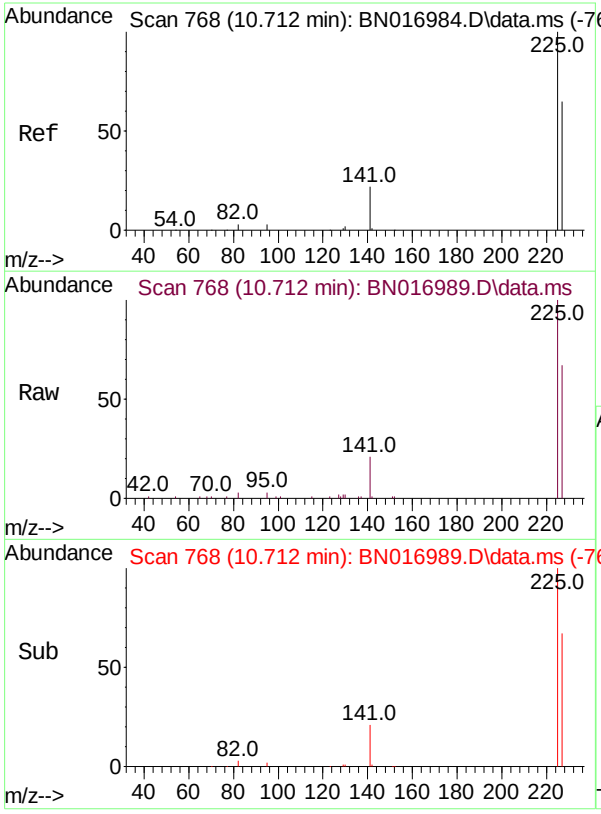


#9
Naphthalene
Concen: 0.386 ng
RT: 10.421 min Scan# 745
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:128 Resp: 88075

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.7	10.3	15.5

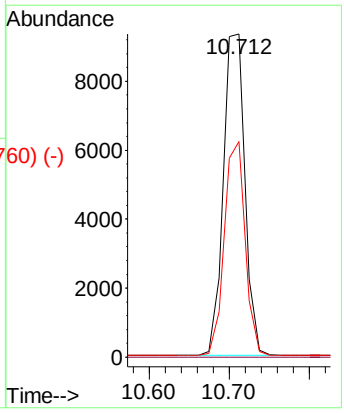




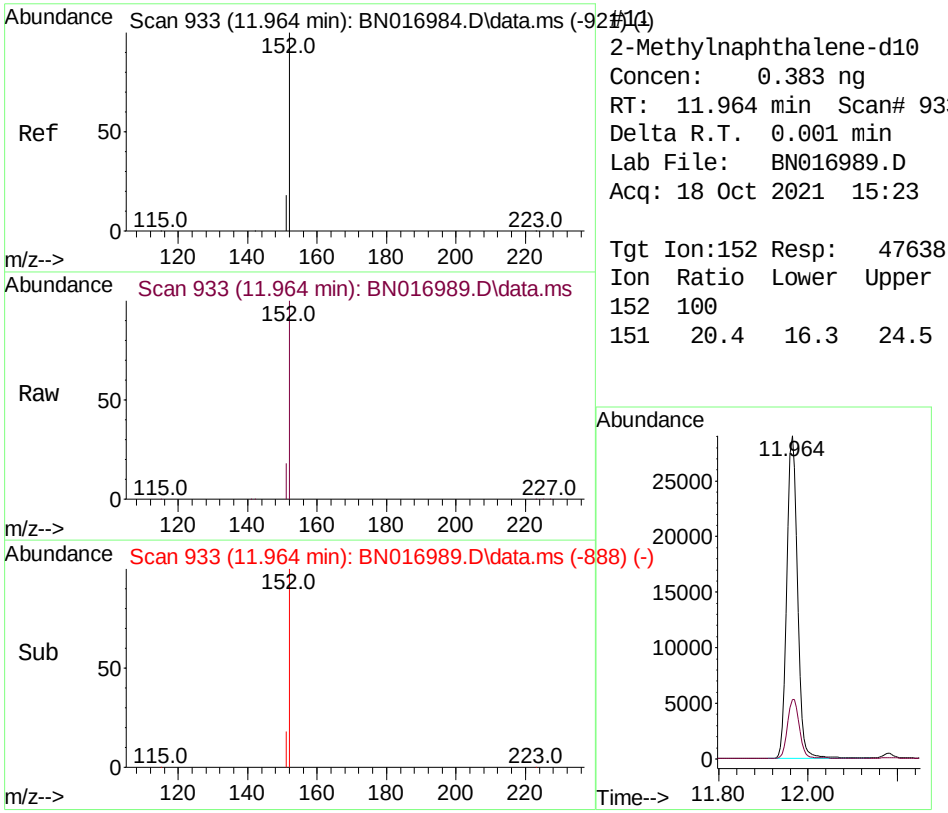
#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.712 min Scan# 768
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:225 Resp: 17761

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.2	76.8



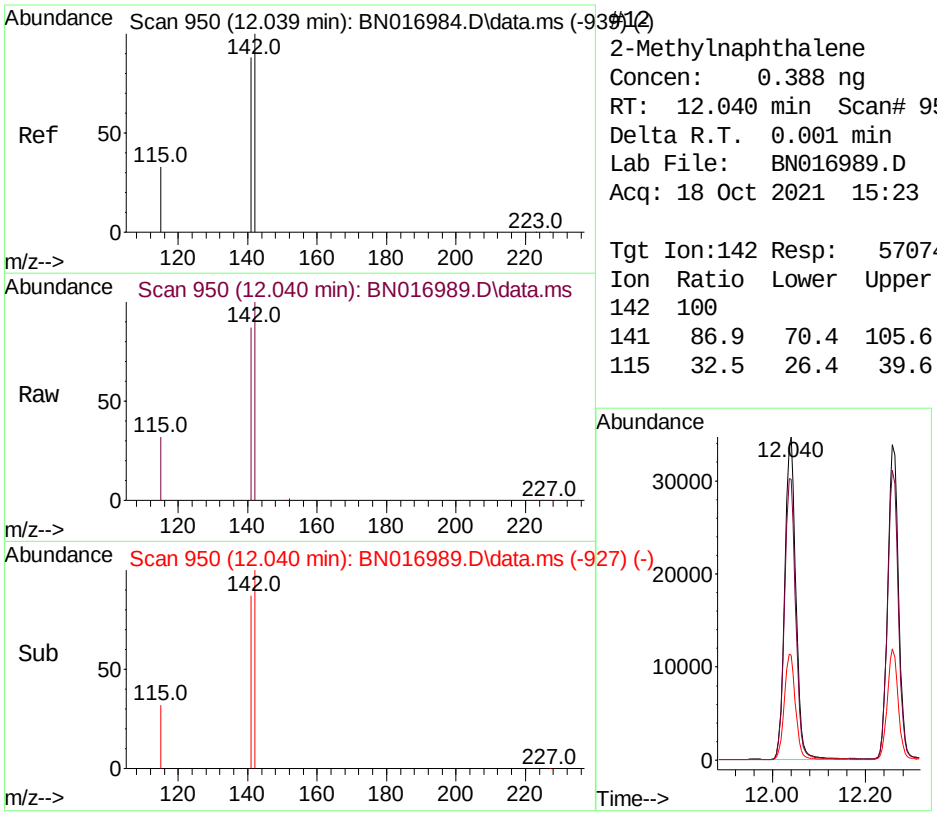
Instrument :
BNA_N
ClientSampleId :
ICVBN101821



2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 11.964 min Scan# 933
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:152 Resp: 47638

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5

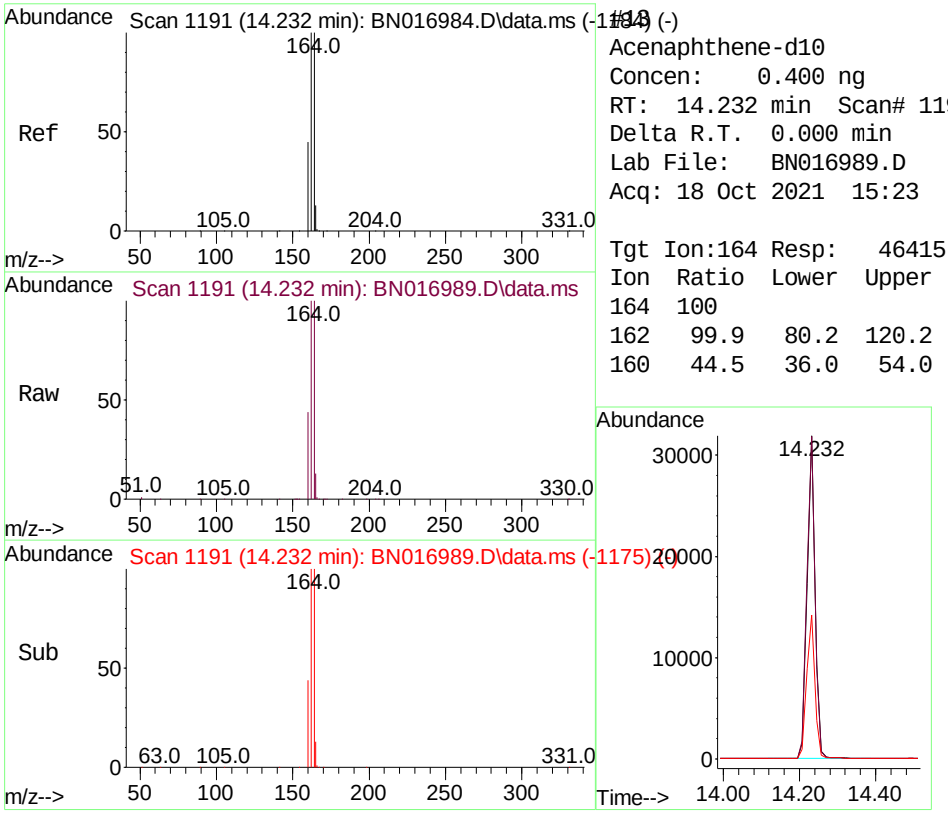


2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.040 min Scan# 950
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:142 Resp: 57074

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.4	105.6
115	32.5	26.4	39.6

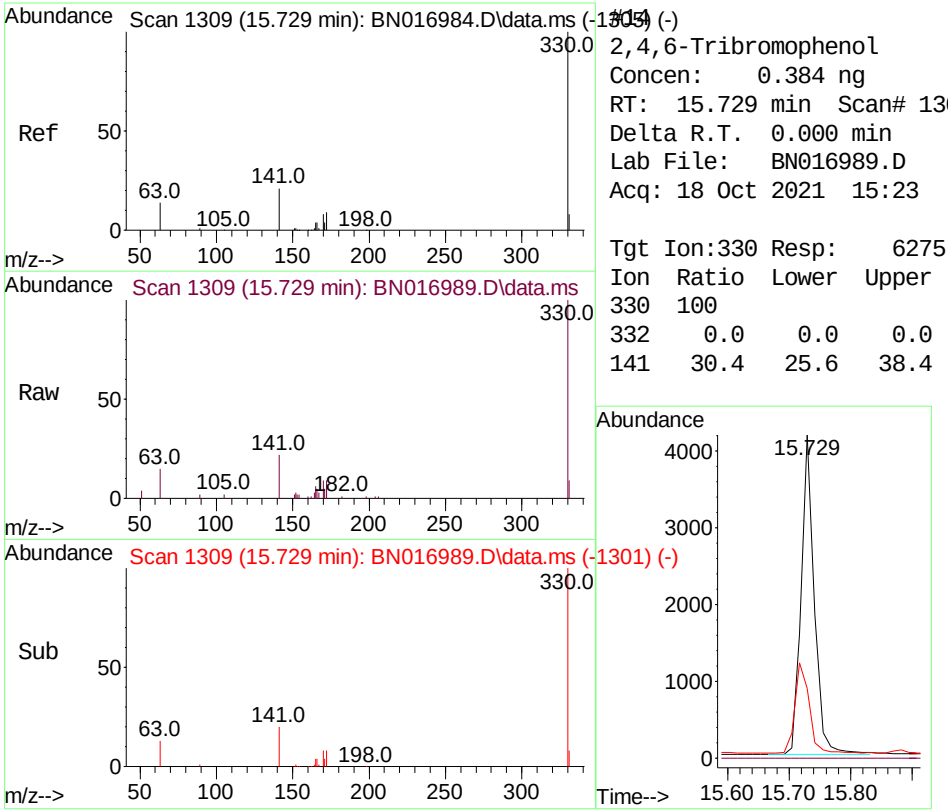
Instrument :
BNA_N
ClientSampleId :
ICVBN101821



#18
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:164 Resp: 46415

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	44.5	36.0	54.0

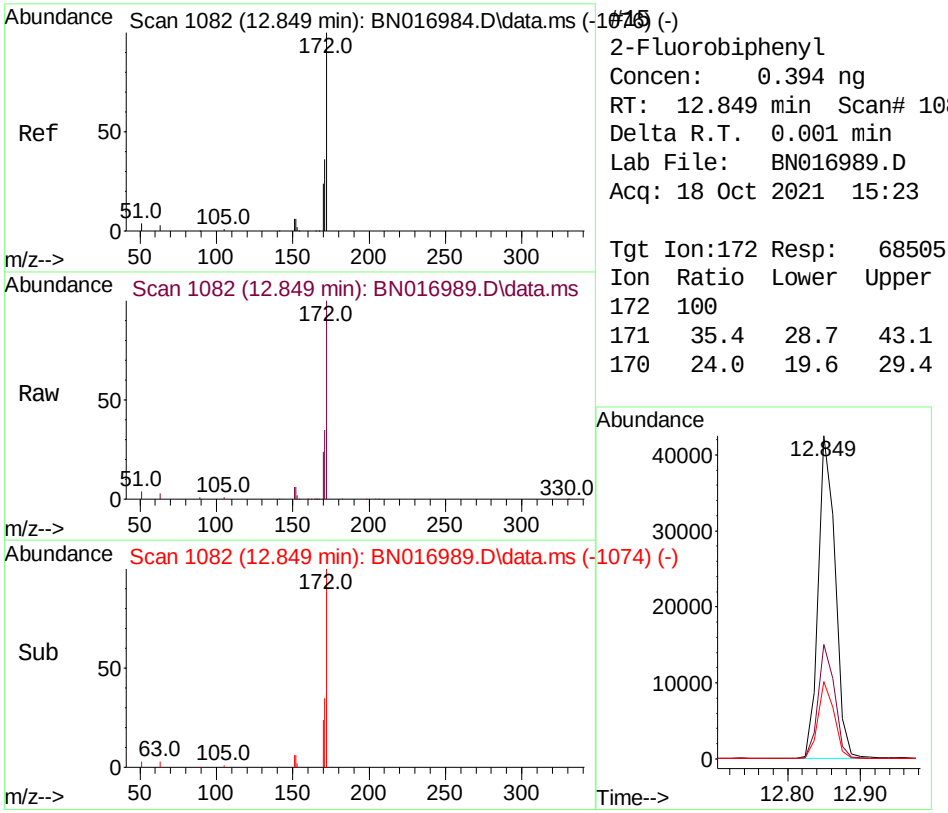


#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.729 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:330 Resp: 6275

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.4	25.6	38.4

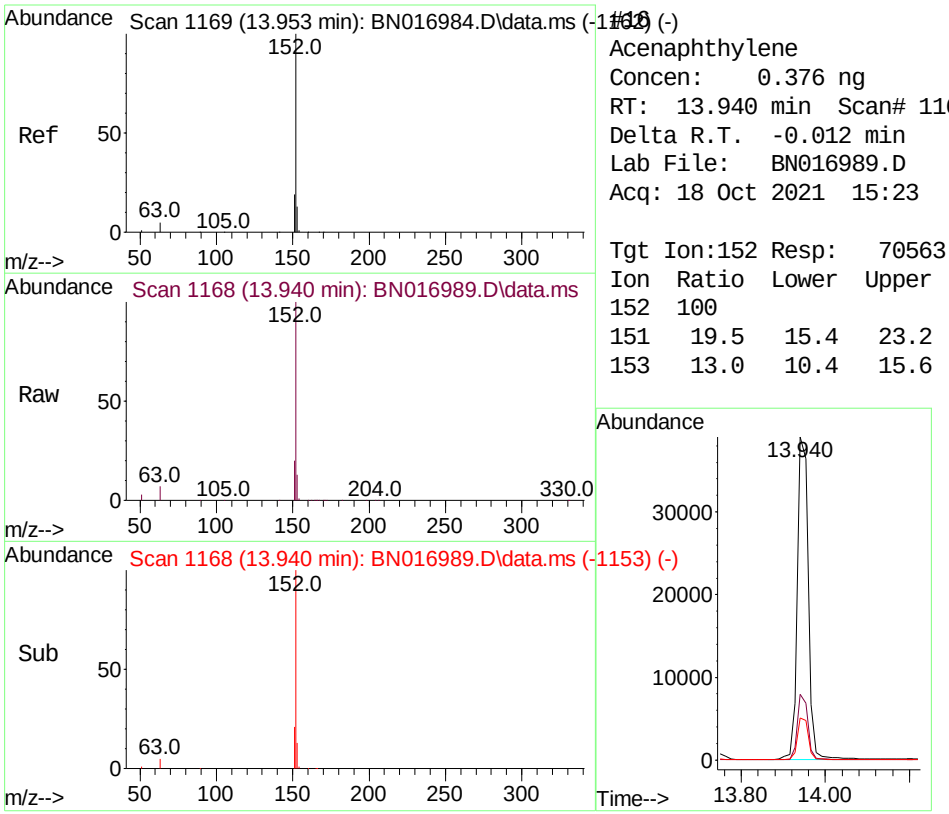
Instrument :
BNA_N
ClientSampleId :
ICVBN101821



#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.849 min Scan# 1082
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:172 Resp: 68505

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	24.0	19.6	29.4

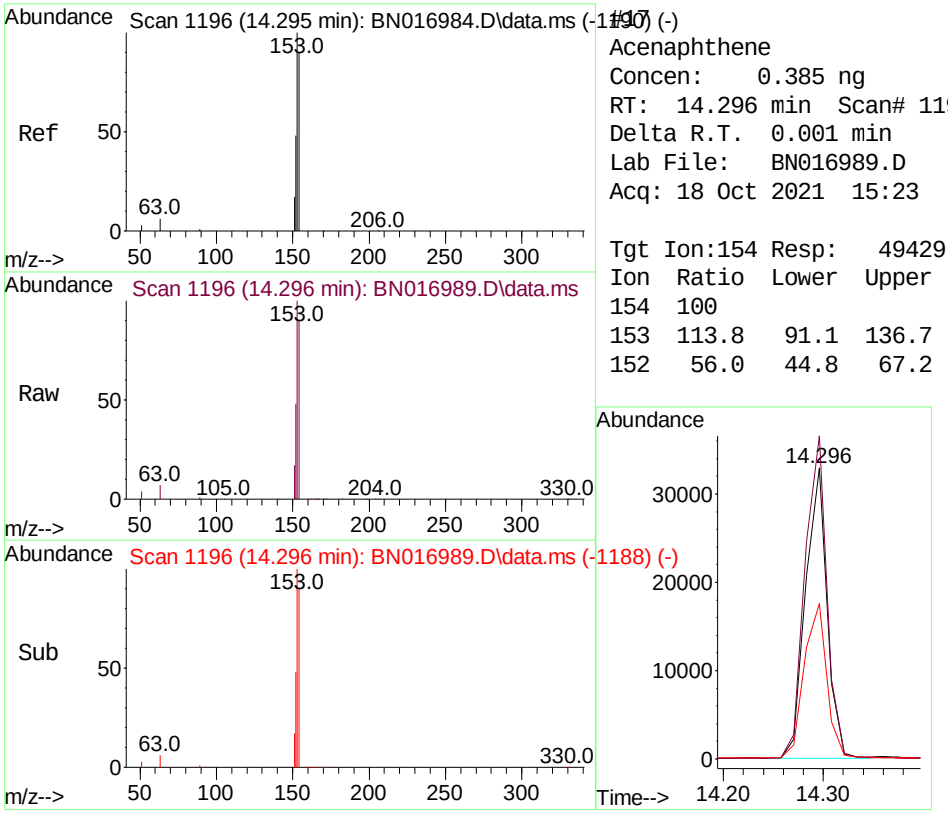


#16
Acenaphthylene
Concen: 0.376 ng
RT: 13.940 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:152 Resp: 70563

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.0	10.4	15.6

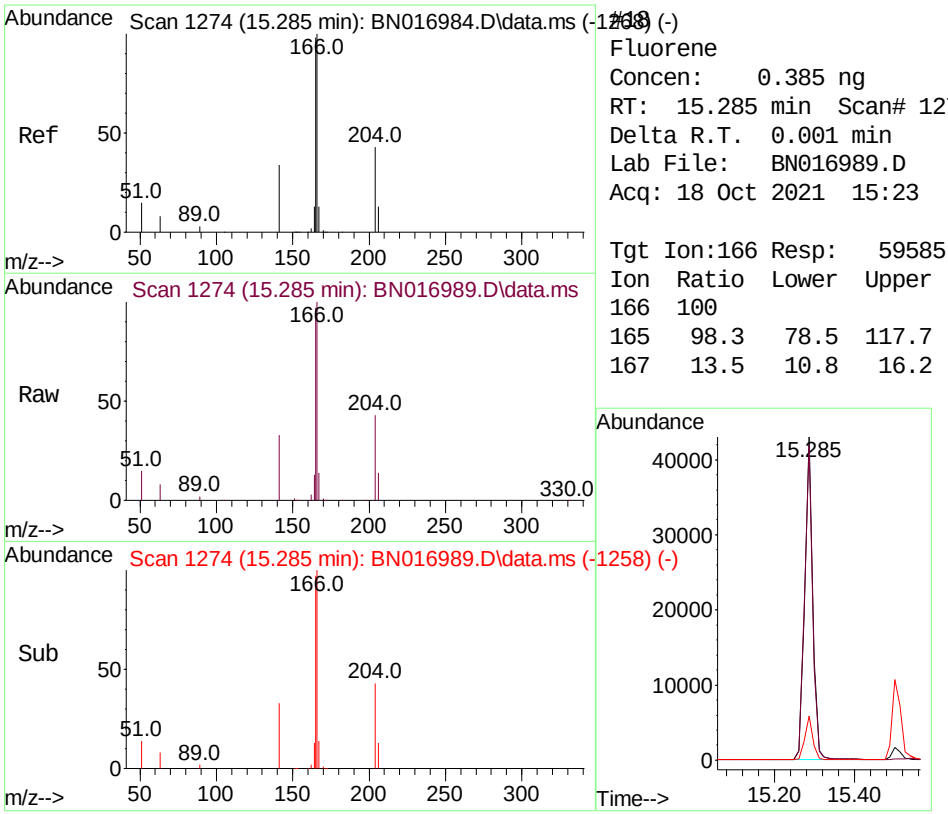
Instrument :
BNA_N
ClientSampleId :
ICVBN101821



#107
Acenaphthene
Concen: 0.385 ng
RT: 14.296 min Scan# 1196
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:154 Resp: 49429

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.1	136.7
152	56.0	44.8	67.2

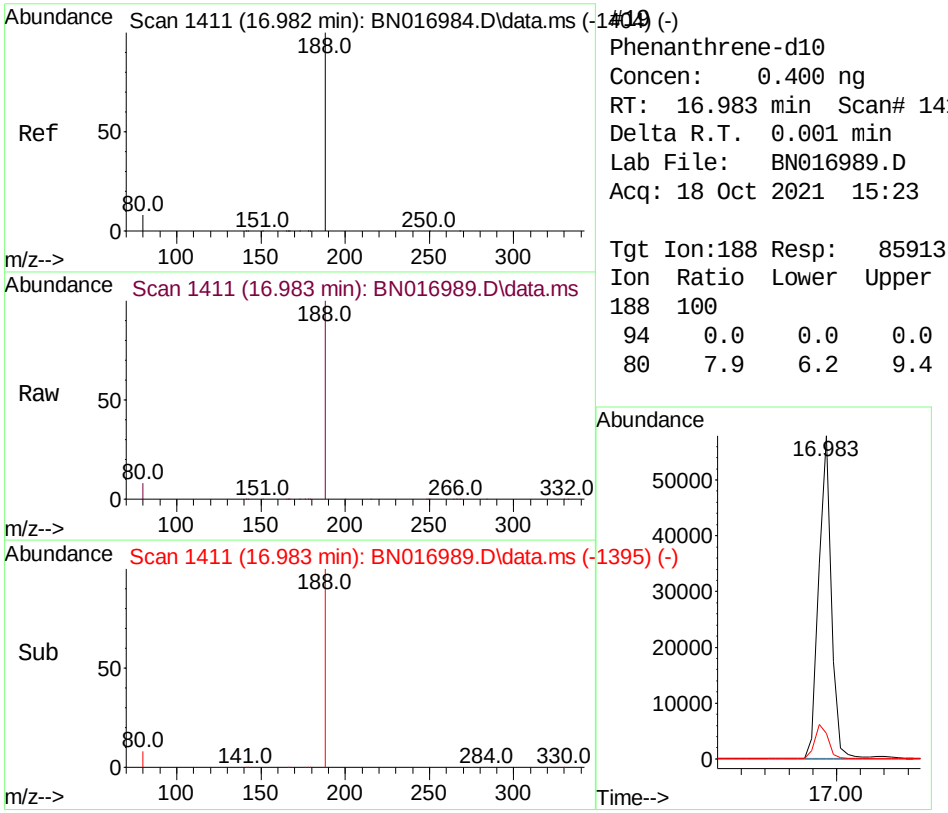


#118
Fluorene
Concen: 0.385 ng
RT: 15.285 min Scan# 1274
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:166 Resp: 59585

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.5	117.7
167	13.5	10.8	16.2

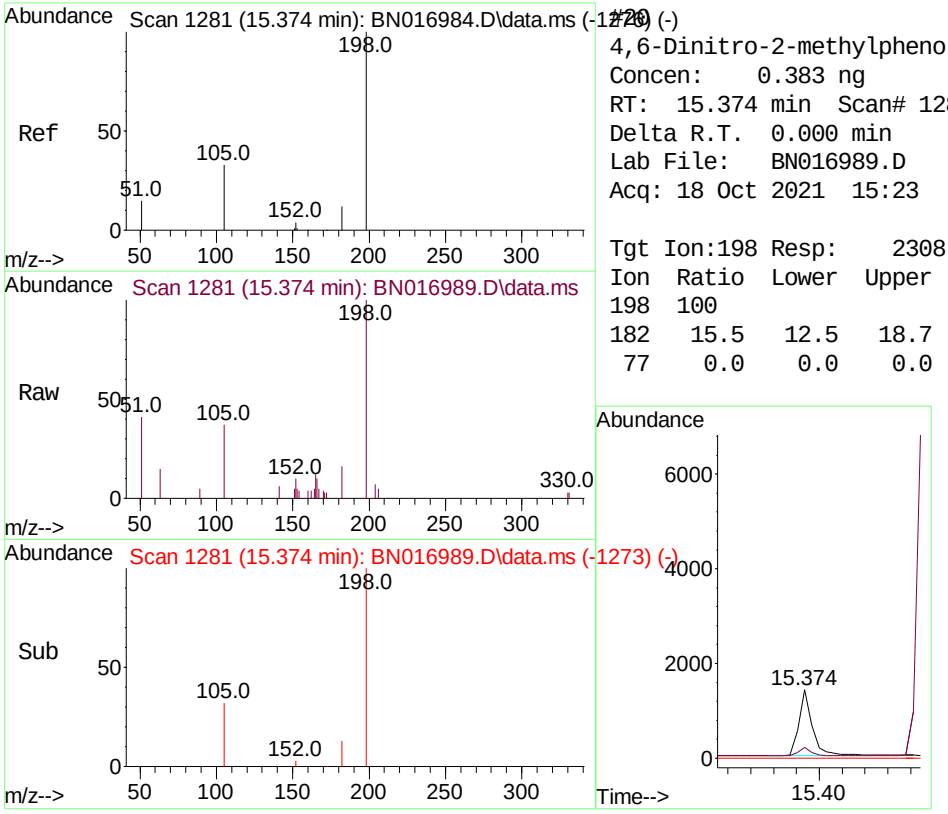
Instrument :
BNA_N
ClientSampleId :
ICVBN101821



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.983 min Scan# 1411
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:188 Resp: 85913

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.2	9.4

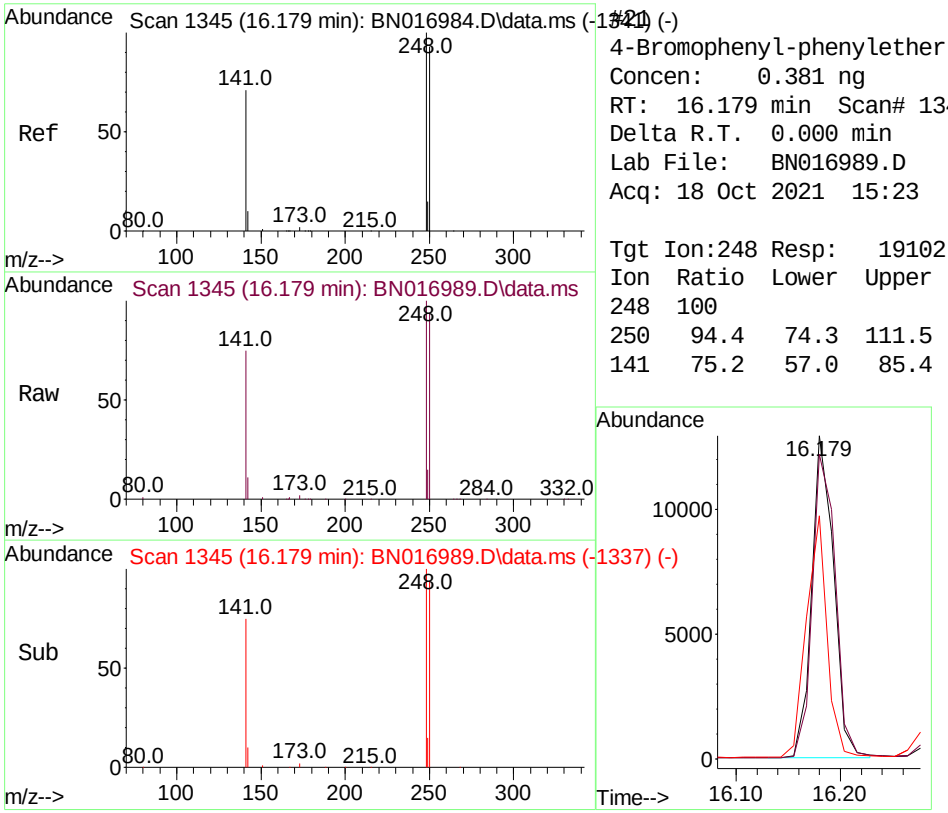


#20
4,6-Dinitro-2-methylphenol
Concen: 0.383 ng
RT: 15.374 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:198 Resp: 2308

Ion	Ratio	Lower	Upper
198	100		
182	15.5	12.5	18.7
77	0.0	0.0	0.0

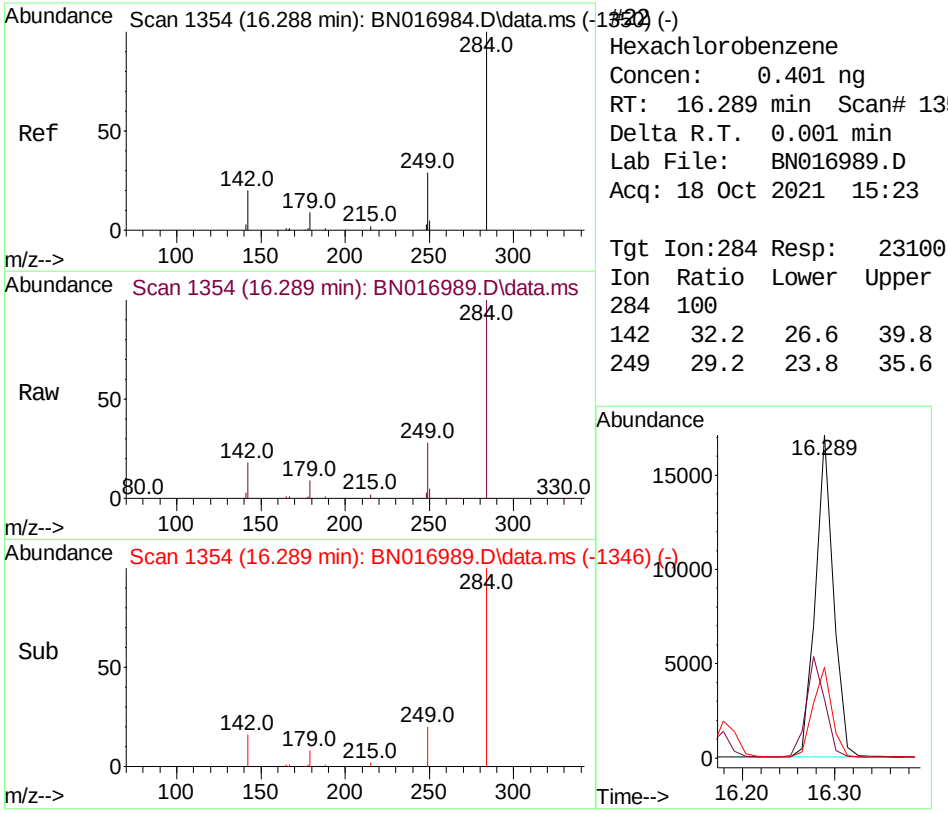
Instrument :
BNA_N
ClientSampleId :
ICVBN101821



#21
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.179 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:248 Resp: 19102

Ion	Ratio	Lower	Upper
248	100		
250	94.4	74.3	111.5
141	75.2	57.0	85.4

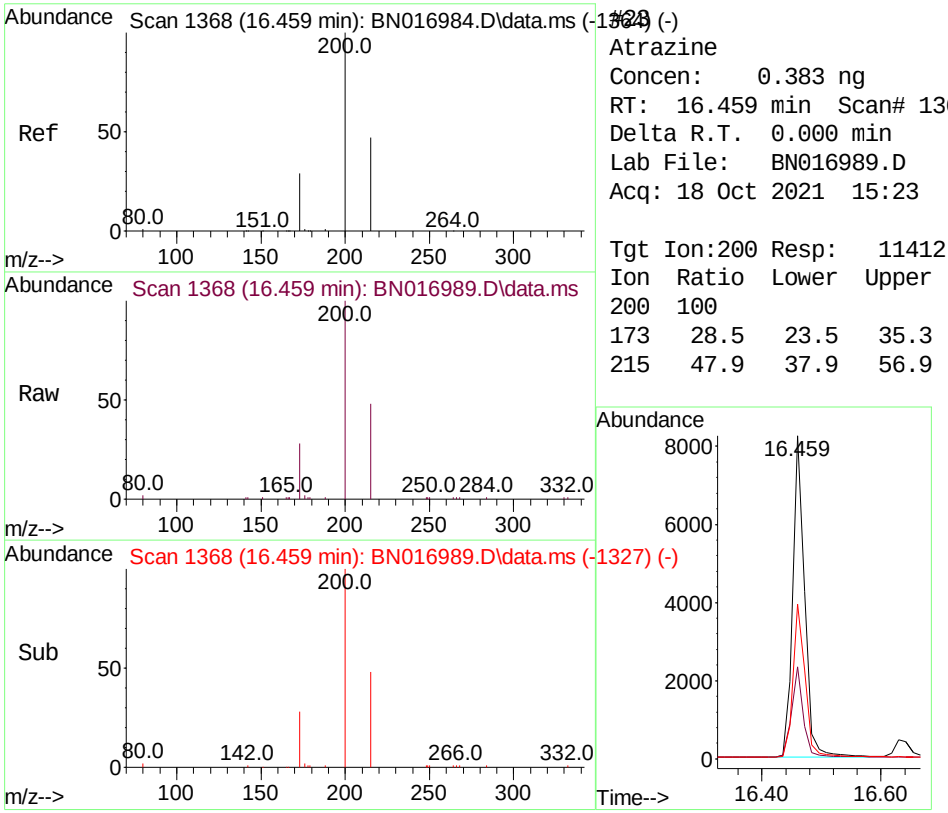


#22
Hexachlorobenzene
Concen: 0.401 ng
RT: 16.289 min Scan# 1354
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:284 Resp: 23100

Ion	Ratio	Lower	Upper
284	100		
142	32.2	26.6	39.8
249	29.2	23.8	35.6

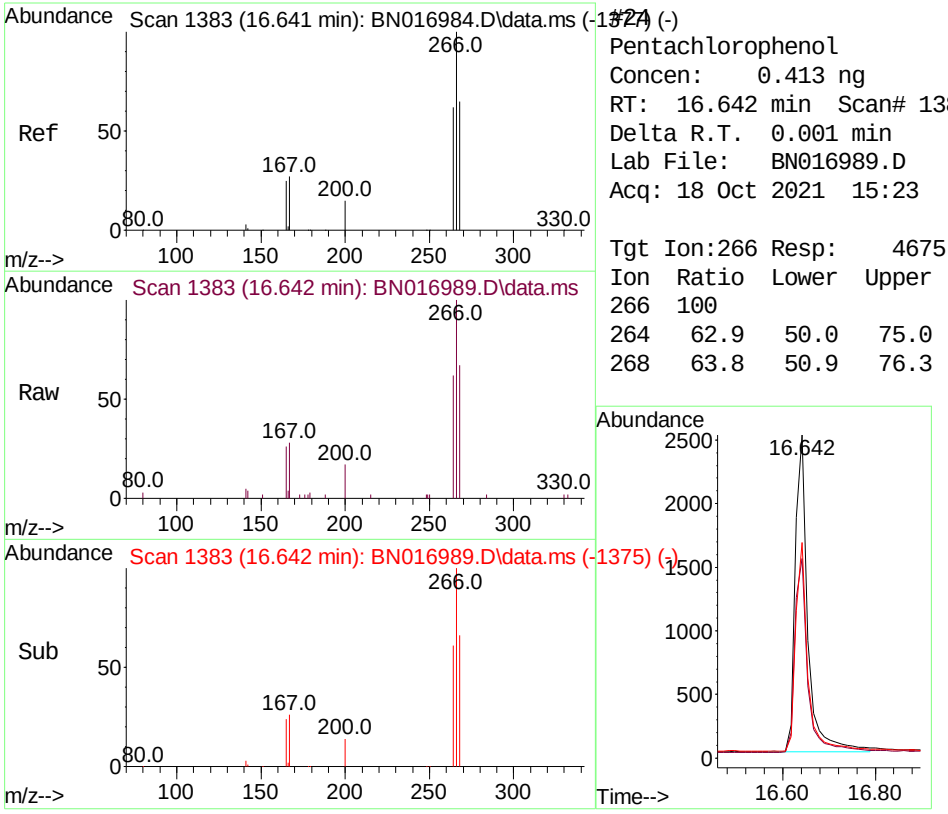
Instrument :
BNA_N
ClientSampleId :
ICVBN101821



#28
Atrazine
Concen: 0.383 ng
RT: 16.459 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:200 Resp: 11412

Ion	Ratio	Lower	Upper
200	100		
173	28.5	23.5	35.3
215	47.9	37.9	56.9

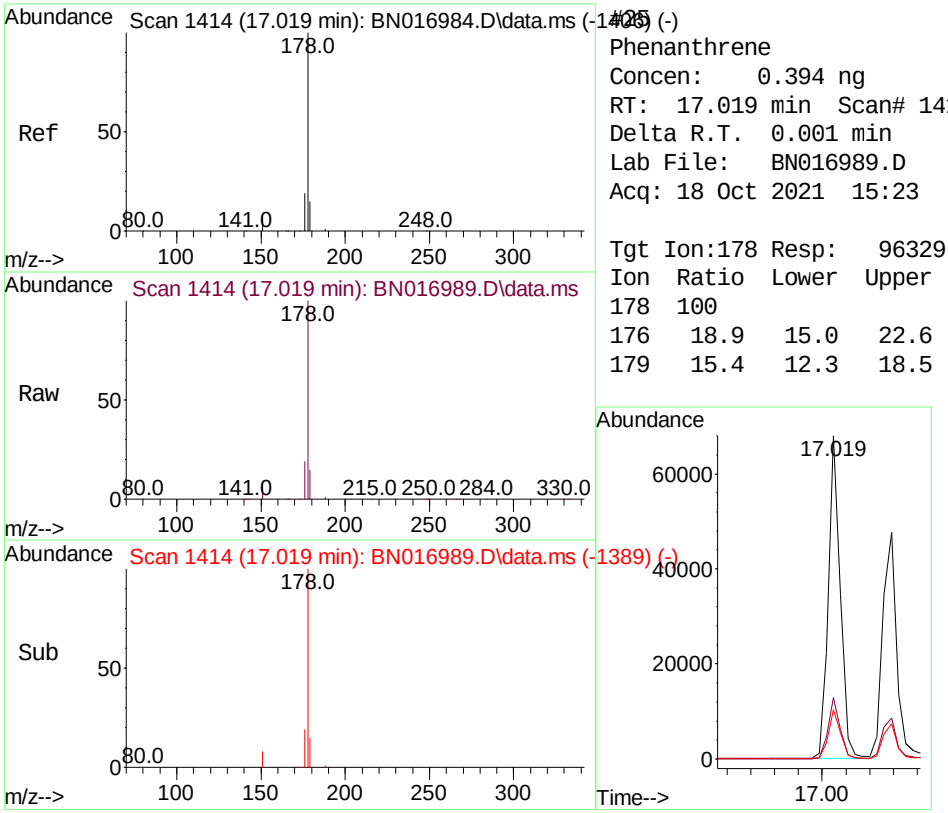


#24
Pentachlorophenol
Concen: 0.413 ng
RT: 16.642 min Scan# 1383
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:266 Resp: 4675

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.0	75.0
268	63.8	50.9	76.3

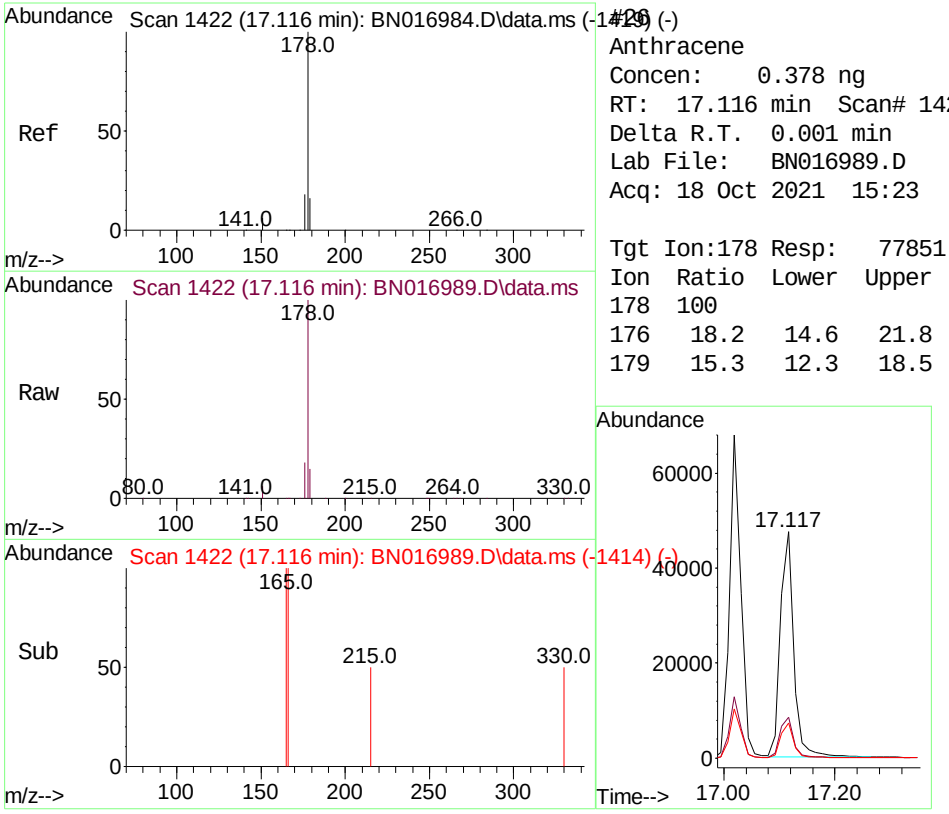
Instrument :
BNA_N
ClientSampleId :
ICVBN101821



#25
Phenanthrene
Concen: 0.394 ng
RT: 17.019 min Scan# 1414
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:178 Resp: 96329

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.3	18.5

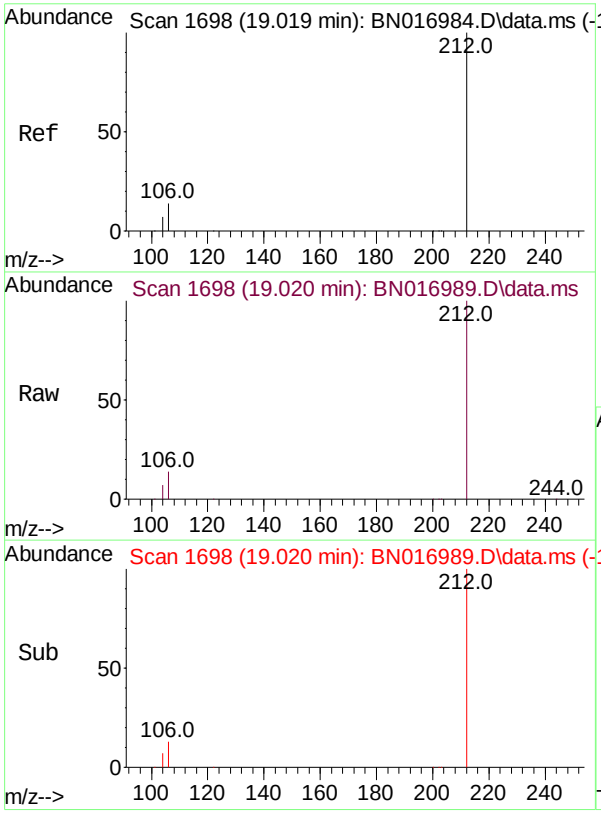


#26
Anthracene
Concen: 0.378 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:178 Resp: 77851

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.3	12.3	18.5

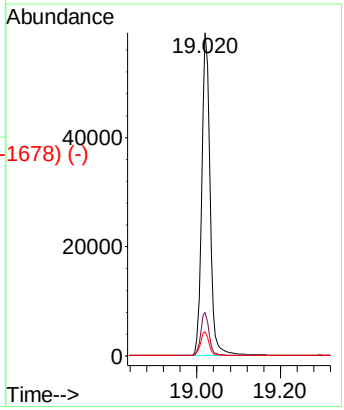
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

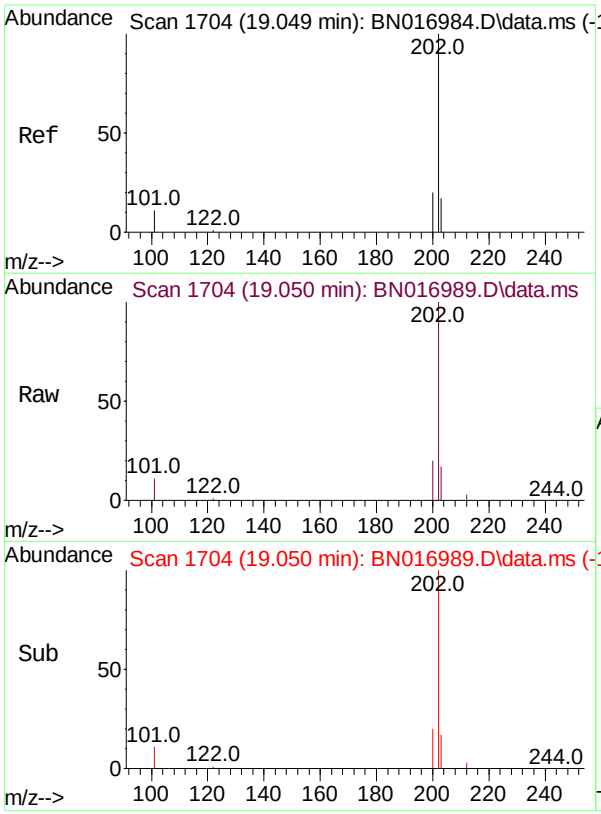


#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.020 min Scan# 1698
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:212 Resp: 82055

Ion	Ratio	Lower	Upper
212	100		
106	13.6	11.0	16.4
104	7.5	6.0	9.0

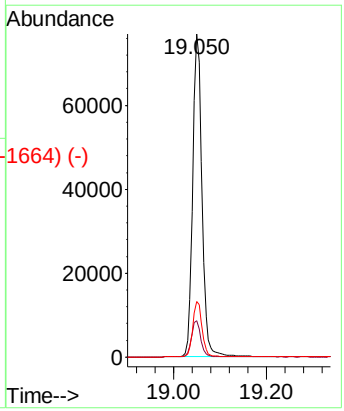




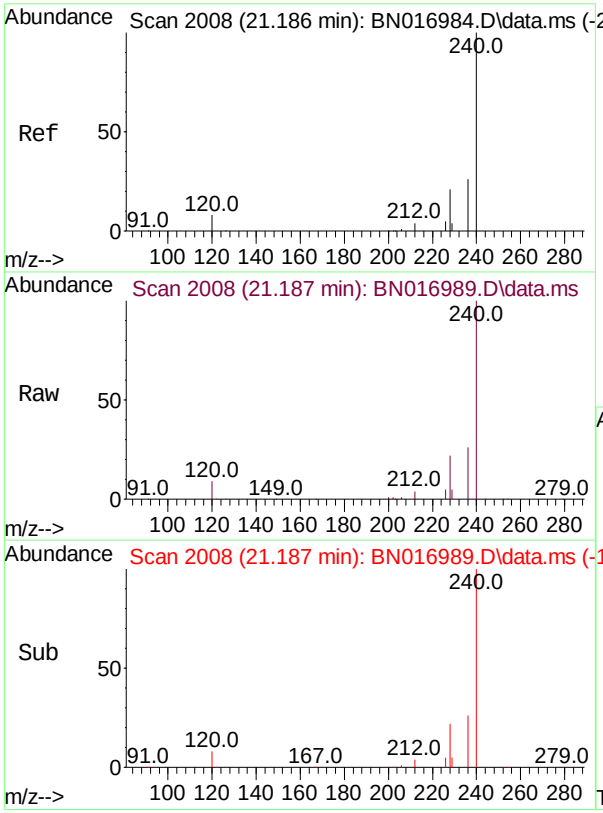
#28
Fluoranthene
Concen: 0.398 ng
RT: 19.050 min Scan# 1704
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:202 Resp: 105637

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.3	13.9
203	17.3	13.8	20.8



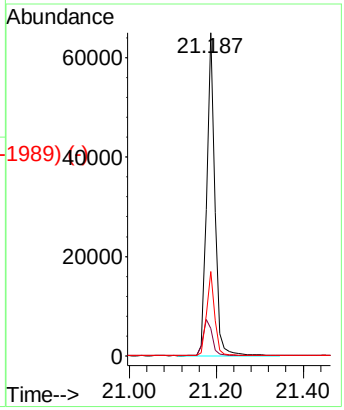
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

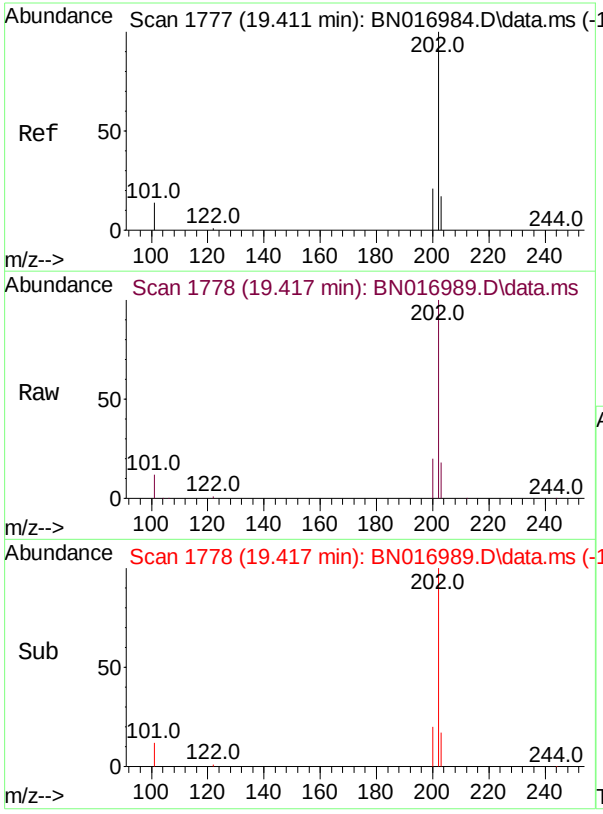


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.187 min Scan# 2008
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:240 Resp: 85705

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.4	9.6
236	26.1	20.6	31.0

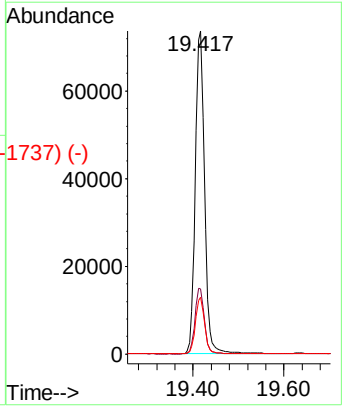




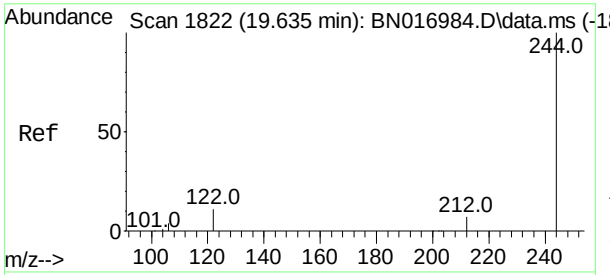
#30
Pyrene
Concen: 0.383 ng
RT: 19.417 min Scan# 1778
Delta R.T. 0.005 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:202 Resp: 103549

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.4	14.0	21.0



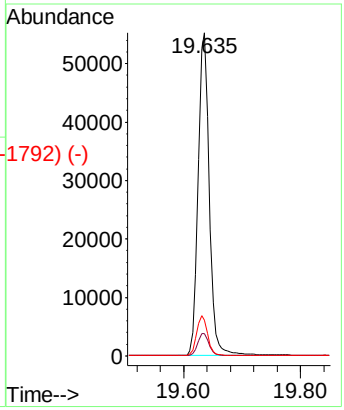
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

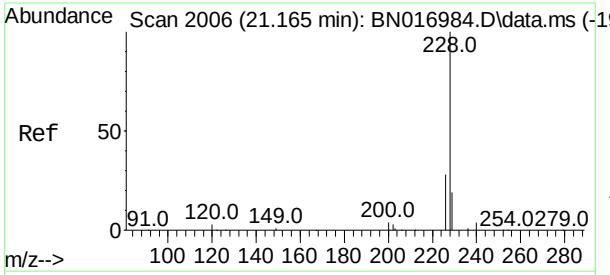


#31
Terphenyl-d14
Concen: 0.384 ng
RT: 19.635 min Scan# 1822
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:244 Resp: 72849

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.0	9.0	13.6

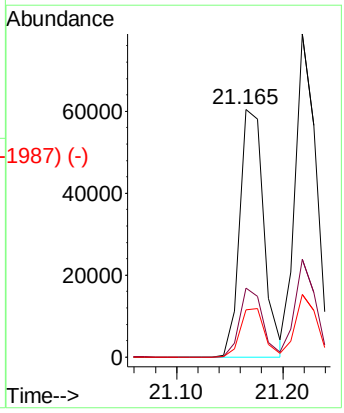




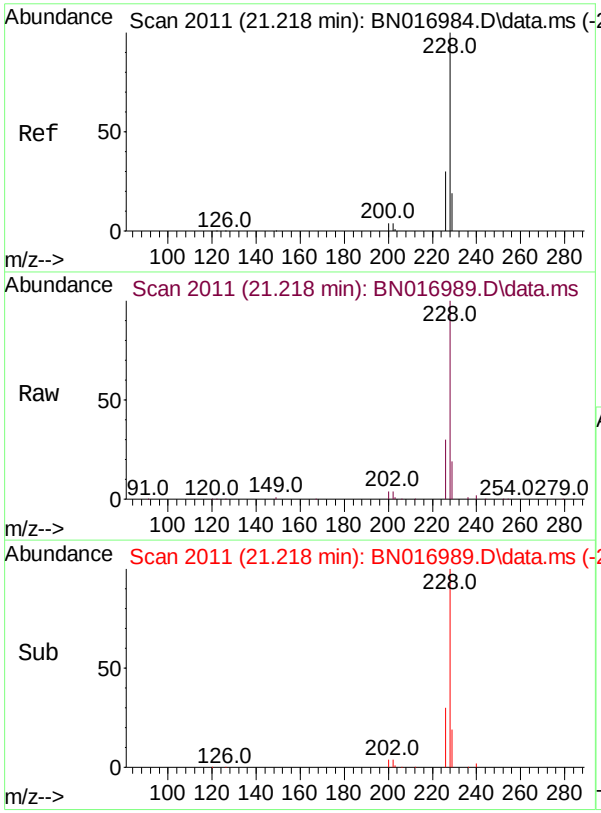
#32
Benzo(a)anthracene
Concen: 0.374 ng
RT: 21.165 min Scan# 2006
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:228 Resp: 94784

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.2	15.4	23.0



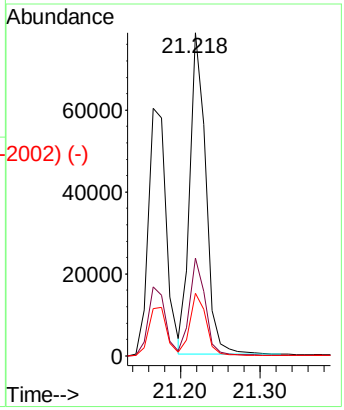
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

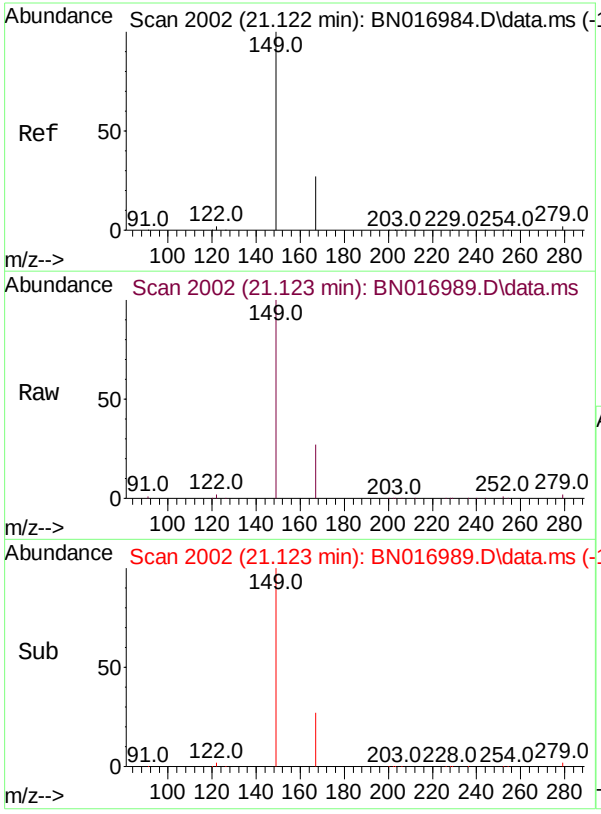


#38
Chrysene
Concen: 0.390 ng
RT: 21.218 min Scan# 2011
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:228 Resp: 108809

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.3	15.4	23.2

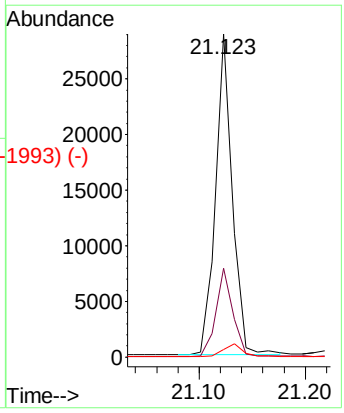




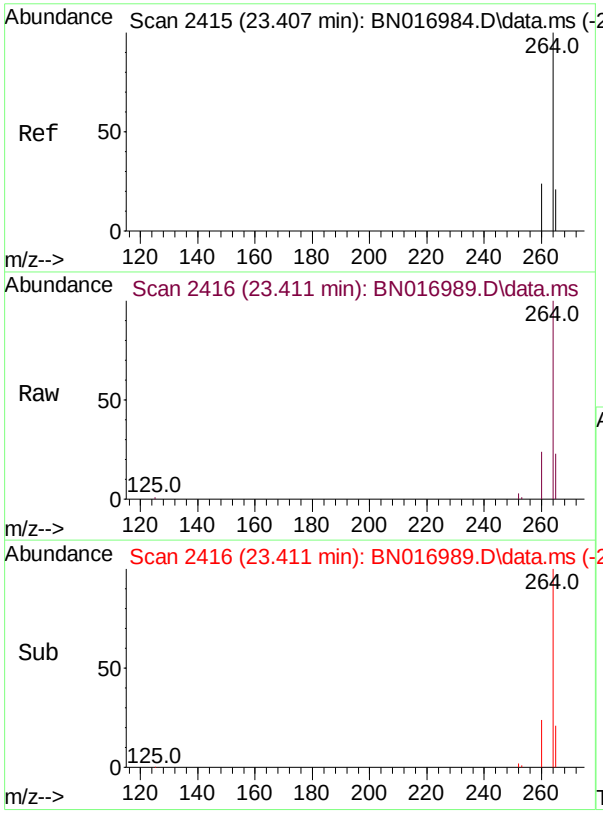
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.400 ng
RT: 21.123 min Scan# 2002
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:149 Resp: 31712

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.6
279	4.1	3.4	5.0



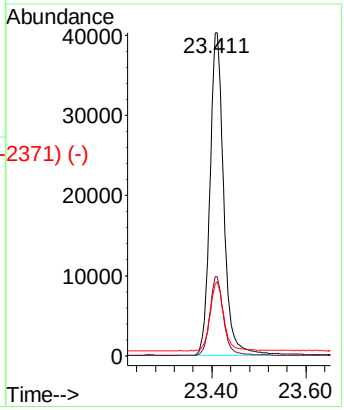
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

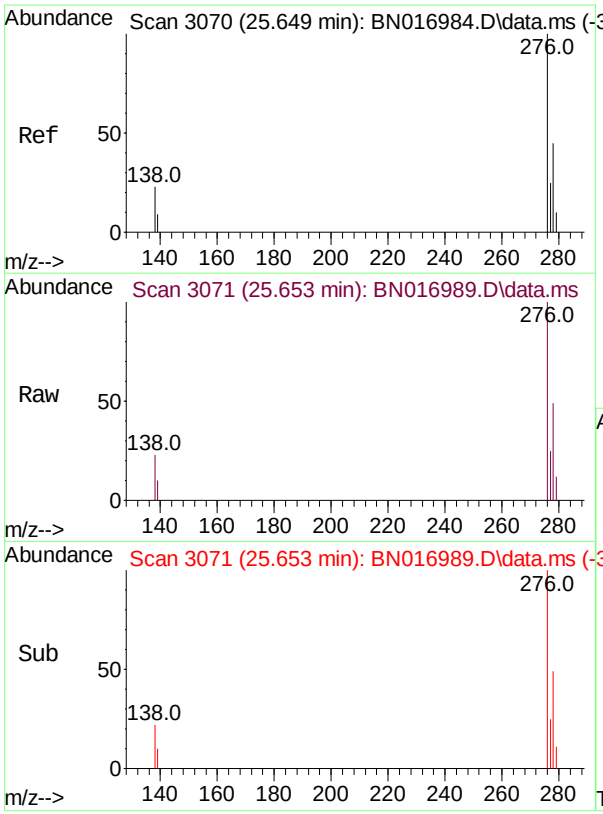


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.411 min Scan# 2416
Delta R.T. 0.004 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:264 Resp: 82216

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	23.0	18.3	27.5

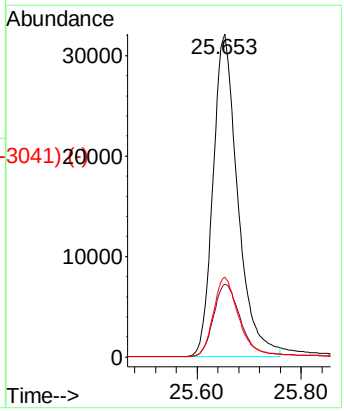




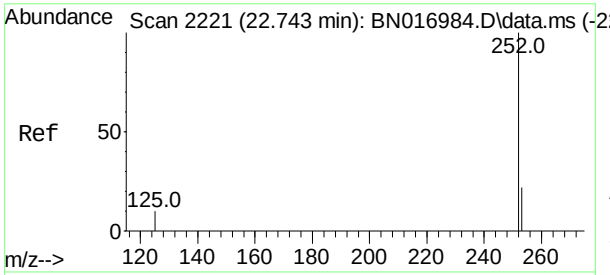
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng
RT: 25.653 min Scan# 3071
Delta R.T. 0.004 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:276 Resp: 106017

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.6	29.4
277	25.1	20.2	30.2



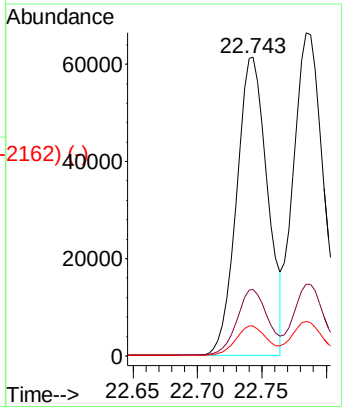
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

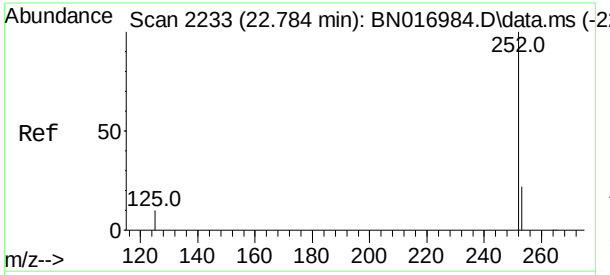


#37
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.743 min Scan# 2221
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:252 Resp: 102338

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.0	8.0	12.0

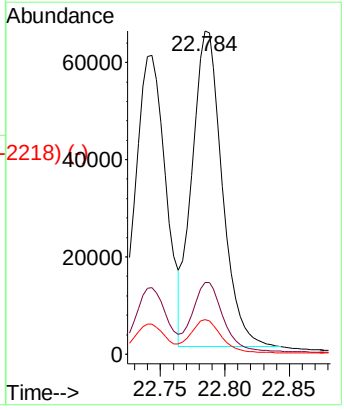




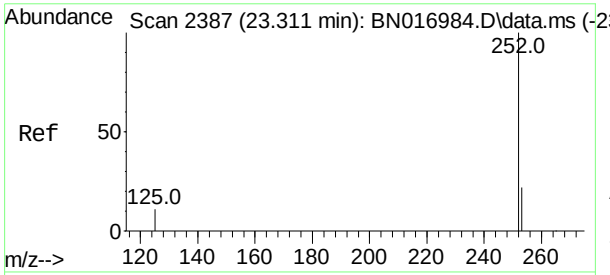
#38
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.784 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:252 Resp: 105708

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.8	8.5	12.7



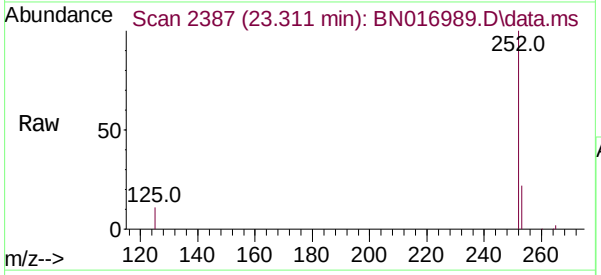
Instrument :
BNA_N
ClientSampleId :
ICVBN101821

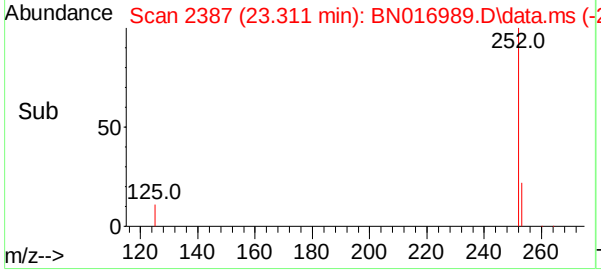


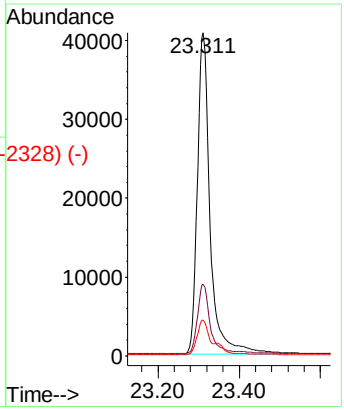
#39
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.311 min Scan# 2387
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

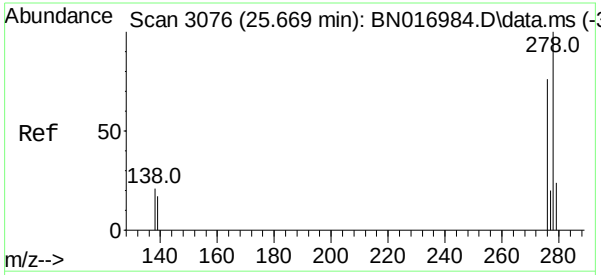
Tgt Ion:252 Resp: 88547

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.1	9.1	13.7





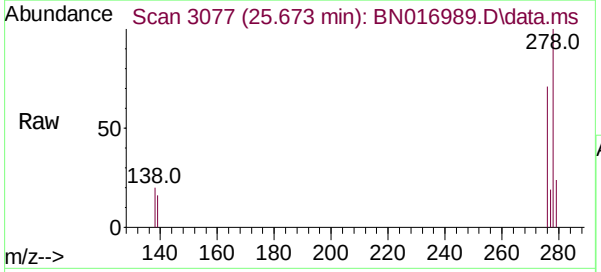


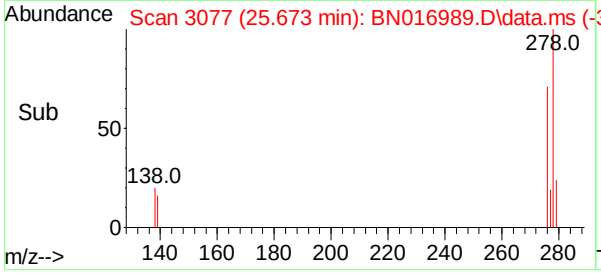


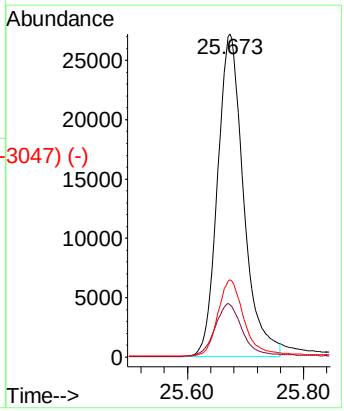
#40
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 25.673 min Scan# 3077
Delta R.T. 0.004 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

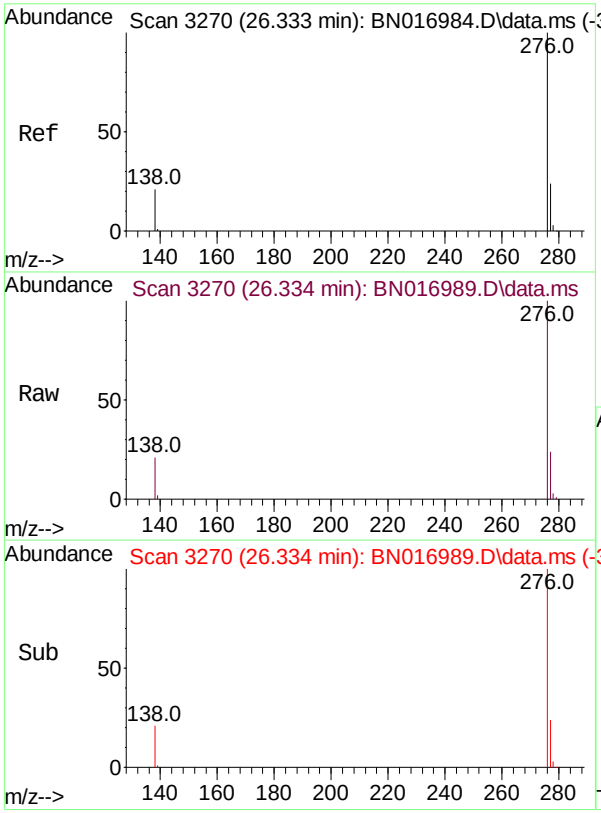
Tgt Ion:278 Resp: 84304

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.4	20.2
279	23.9	19.2	28.8





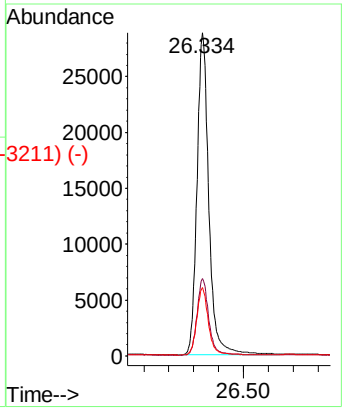




#41
Benzo(g,h,i)perylene
Concen: 0.379 ng
RT: 26.334 min Scan# 3270
Delta R.T. 0.001 min
Lab File: BN016989.D
Acq: 18 Oct 2021 15:23

Tgt Ion:276 Resp: 94811

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	21.1	16.9	25.3



Instrument :
BNA_N
ClientSampleId :
ICVBN101821