Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016709.D
Acq On : 04 Oct 2021 14:04
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Oct 04 15:15:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 15:14:53 2021
Response via : Initial Calibration

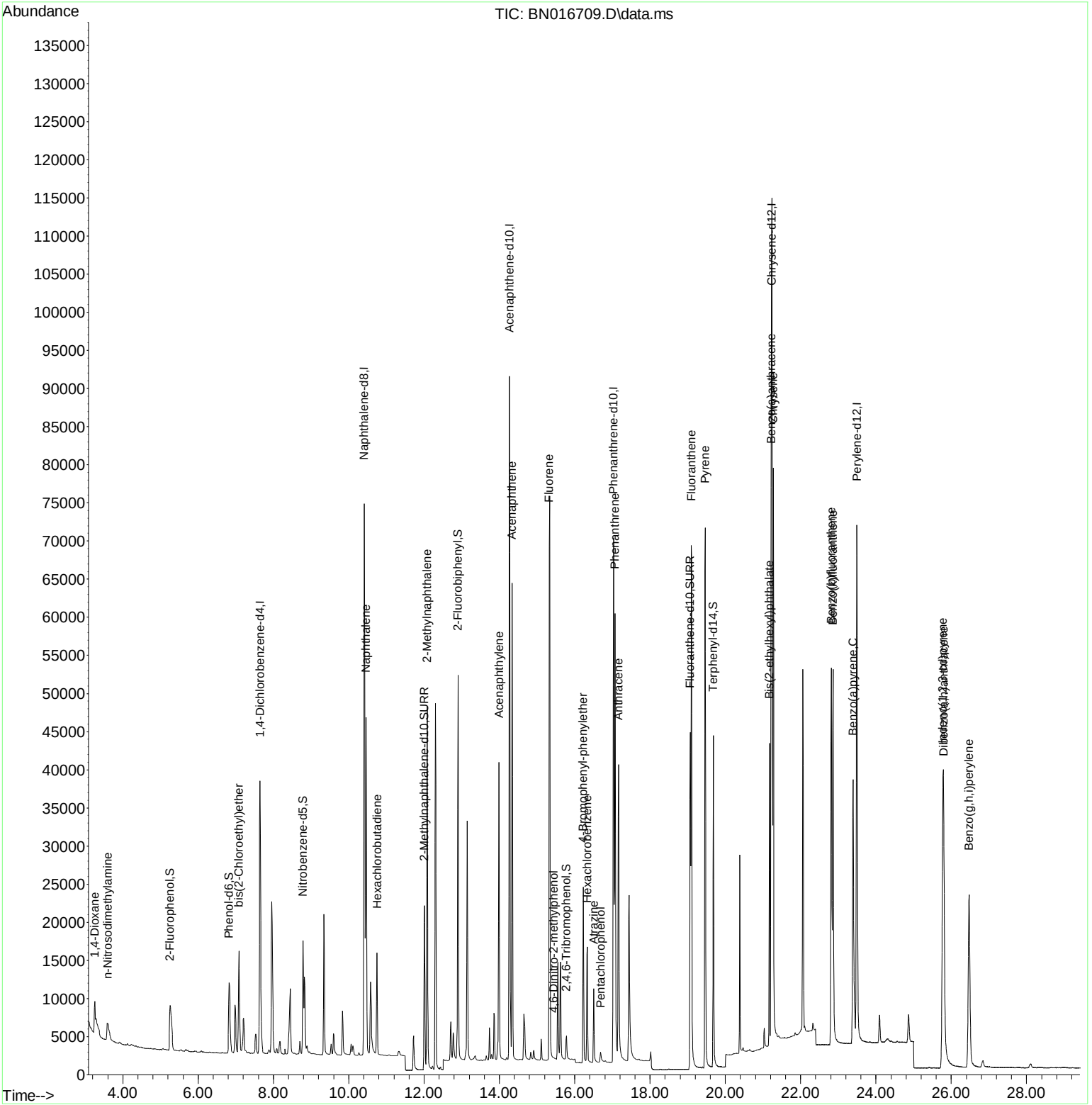
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	23269	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	102789	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	54881	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	101871	0.400	ng		0.00
29) Chrysene-d12	21.238	240	95569	0.400	ng		0.00
35) Perylene-d12	23.491	264	93866	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	11745	0.198	ng		0.00
5) Phenol-d6	6.822	99	12590	0.194	ng		0.00
8) Nitrobenzene-d5	8.784	82	13575	0.203	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	30223	0.199	ng		0.00
14) 2,4,6-Tribromophenol	15.779	330	3497	0.140	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	45734	0.206	ng		0.00
27) Fluoranthene-d10	19.068	212	54072	0.200	ng		0.00
31) Terphenyl-d14	19.683	244	47610	0.229	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	2021	0.189	ng	#	72
3) n-Nitrosodimethylamine	3.594	42	3270	0.190	ng		97
6) bis(2-Chloroethyl)ether	7.080	93	12768	0.202	ng		100
9) Naphthalene	10.457	128	57256	0.205	ng		100
10) Hexachlorobutadiene	10.749	225	10497	0.200	ng	#	100
12) 2-Methylnaphthalene	12.083	142	36205	0.203	ng		99
16) Acenaphthylene	13.990	152	43154	0.180	ng		100
17) Acenaphthene	14.332	154	31297	0.194	ng		100
18) Fluorene	15.322	166	37129	0.194	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	91	0.008	ng	#	21
21) 4-Bromophenyl-phenylether	16.226	248	11609	0.183	ng		99
22) Hexachlorobenzene	16.336	284	13727	0.187	ng		100
23) Atrazine	16.506	200	8151	0.177	ng		99
24) Pentachlorophenol	16.689	266	1102	0.045	ng		95
25) Phenanthrene	17.066	178	58958	0.192	ng		99
26) Anthracene	17.164	178	48994	0.185	ng		100
28) Fluoranthene	19.098	202	65779	0.199	ng		100
30) Pyrene	19.465	202	66621	0.215	ng		100
32) Benzo(a)anthracene	21.217	228	60552	0.206	ng		100
33) Chrysene	21.270	228	63485	0.214	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	35119	0.300	ng		100
36) Indeno(1,2,3-cd)pyrene	25.778	276	56518	0.169	ng		99
37) Benzo(b)fluoranthene	22.814	252	64360	0.213	ng		98
38) Benzo(k)fluoranthene	22.858	252	60370	0.203	ng	#	96
39) Benzo(a)pyrene	23.392	252	55223	0.206	ng		98
40) Dibenzo(a,h)anthracene	25.798	278	43720	0.162	ng		97
41) Benzo(g,h,i)perylene	26.473	276	51078	0.172	ng		99

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

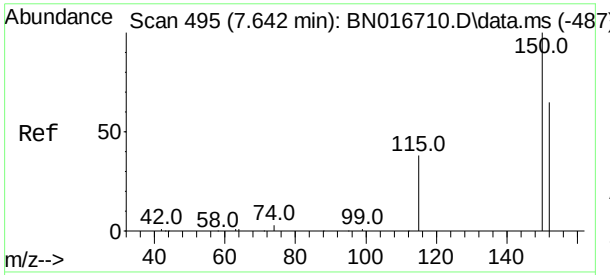
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016709.D
Acq On : 04 Oct 2021 14:04
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

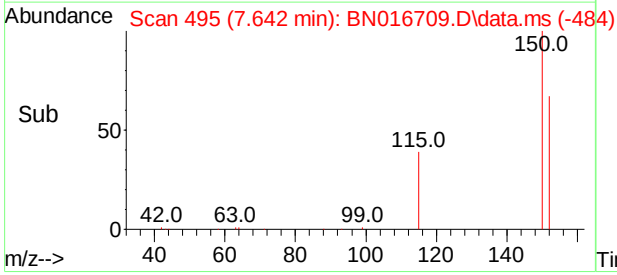
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 04 15:15:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 15:14:53 2021
Response via : Initial Calibration



Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

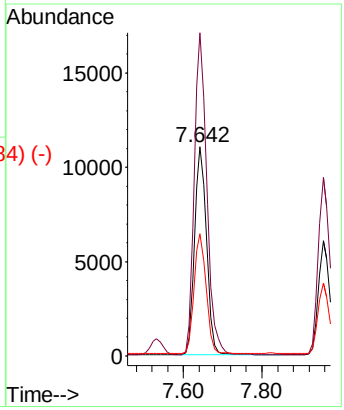


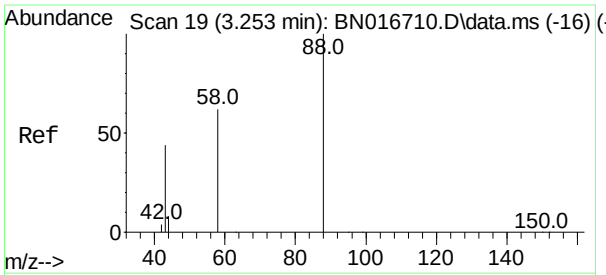


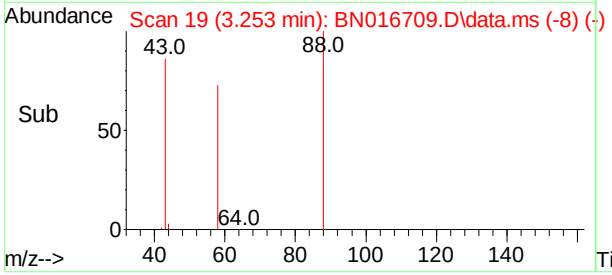
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:152 Resp: 23269

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.3	184.9
115	58.5	47.0	70.6



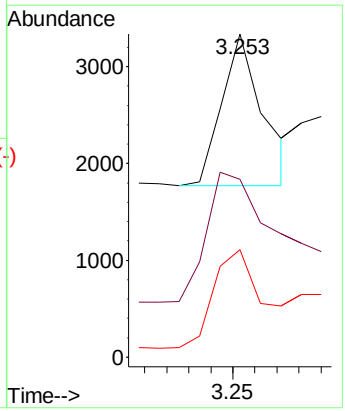




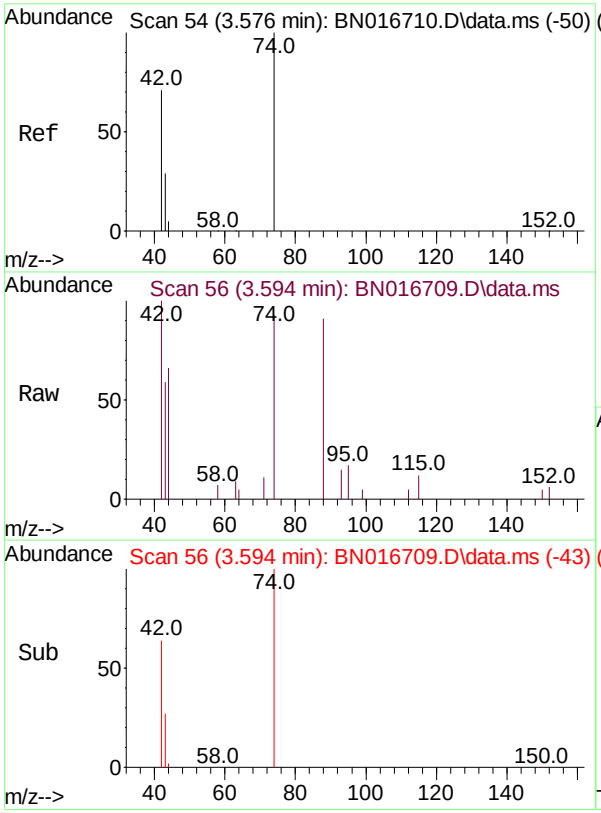
#2
1,4-Dioxane
Concen: 0.189 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion: 88 Resp: 2021

Ion	Ratio	Lower	Upper
88	100		
43	124.8	61.7	92.5#
58	78.7	62.2	93.2



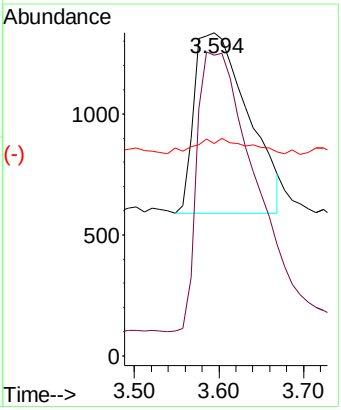
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

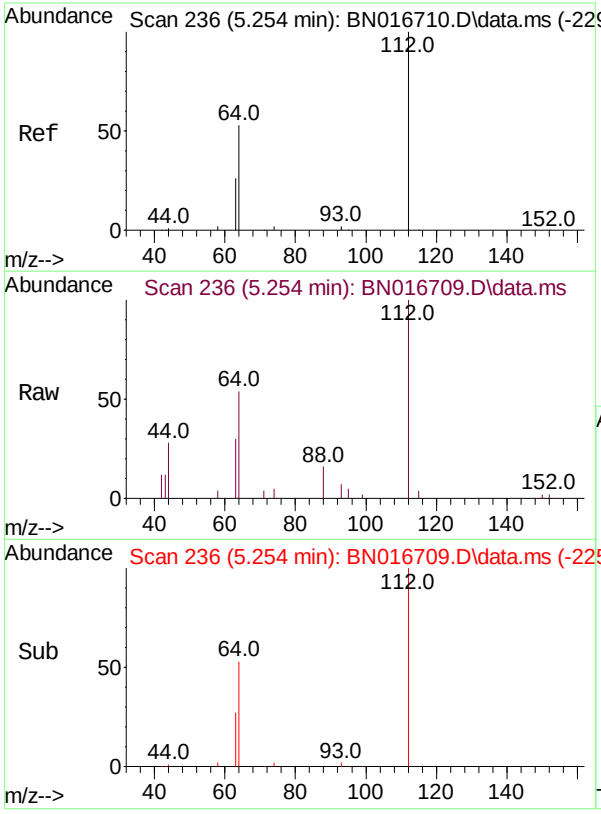


#3
n-Nitrosodimethylamine
Concen: 0.190 ng
RT: 3.594 min Scan# 56
Delta R.T. 0.019 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion: 42 Resp: 3270

Ion	Ratio	Lower	Upper
42	100		
74	158.5	124.0	186.0
44	8.2	5.6	8.4

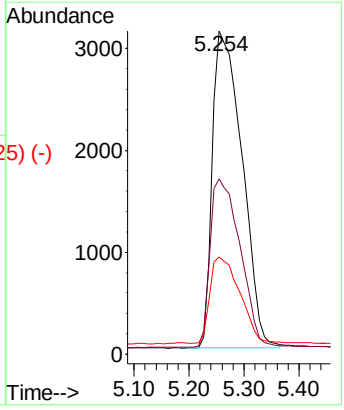




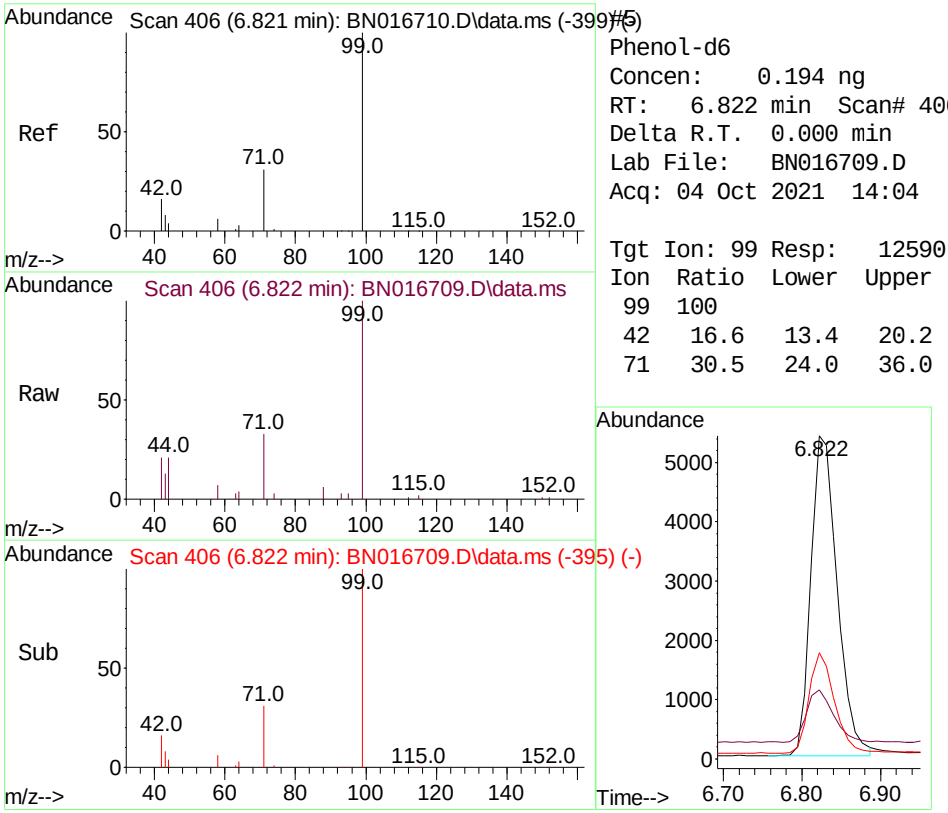
#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:112 Resp: 11745

Ion	Ratio	Lower	Upper
112	100		
64	53.6	42.9	64.3
63	27.1	21.5	32.3



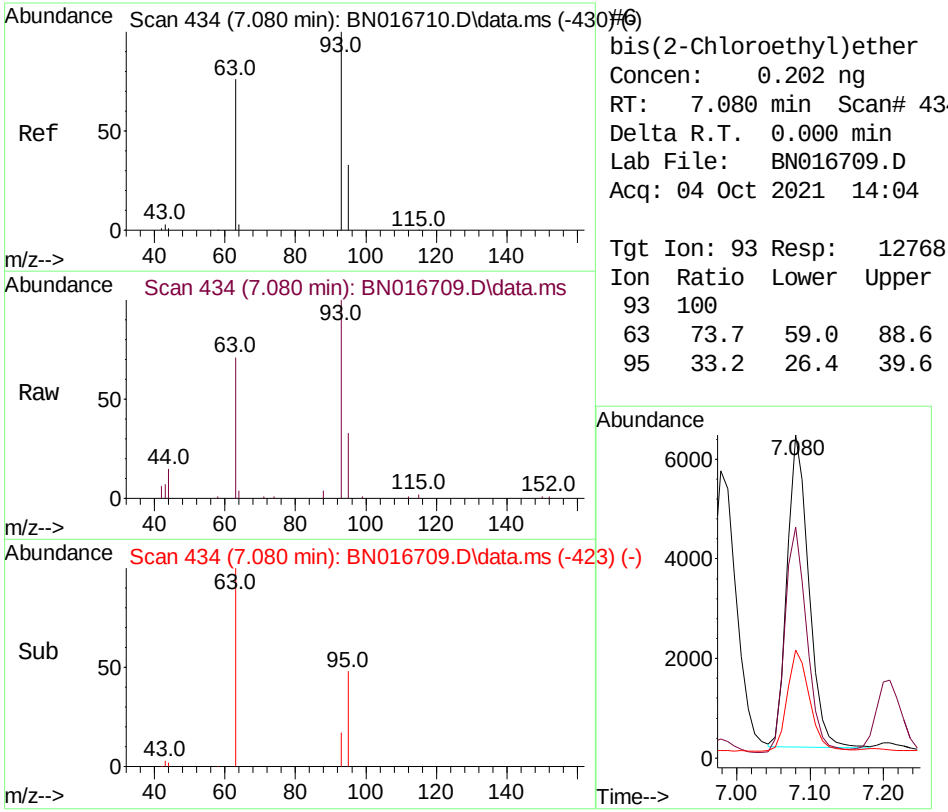
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2



#5
Phenol-d6
Concen: 0.194 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion: 99 Resp: 12590

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	30.5	24.0	36.0

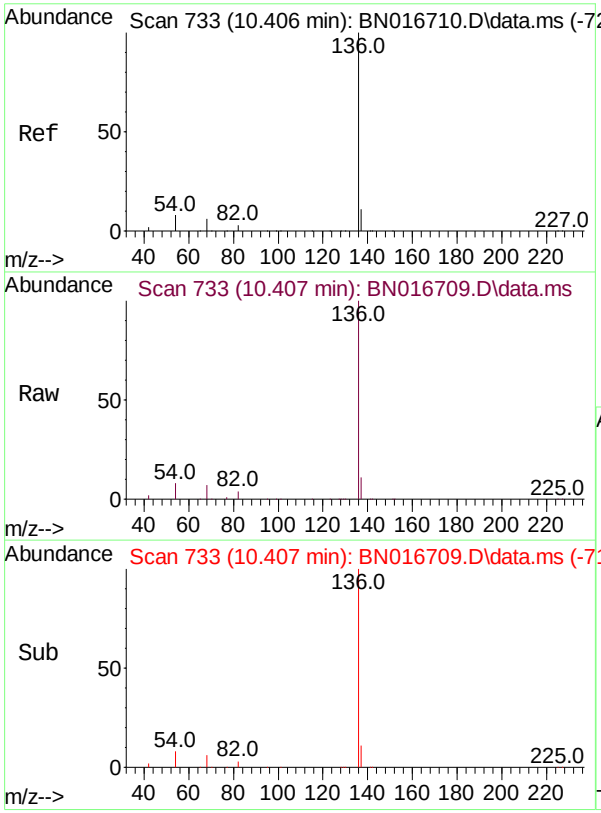


#6
bis(2-Chloroethyl)ether
Concen: 0.202 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion: 93 Resp: 12768

Ion	Ratio	Lower	Upper
93	100		
63	73.7	59.0	88.6
95	33.2	26.4	39.6

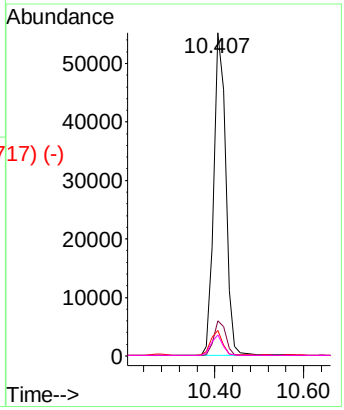
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

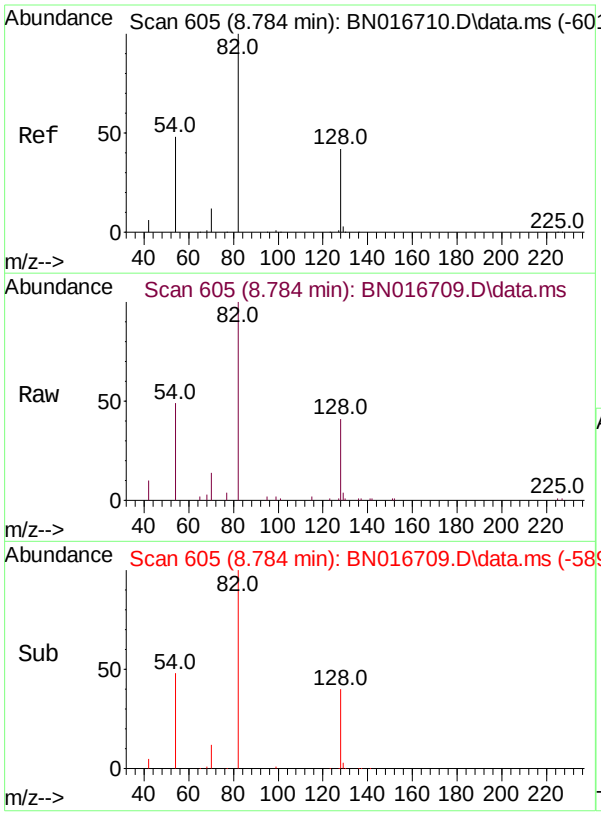


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:136 Resp: 102789

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.5	9.7
68	6.6	5.3	7.9

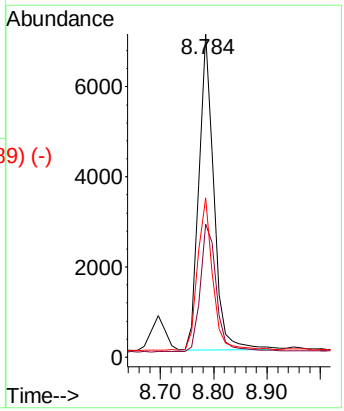




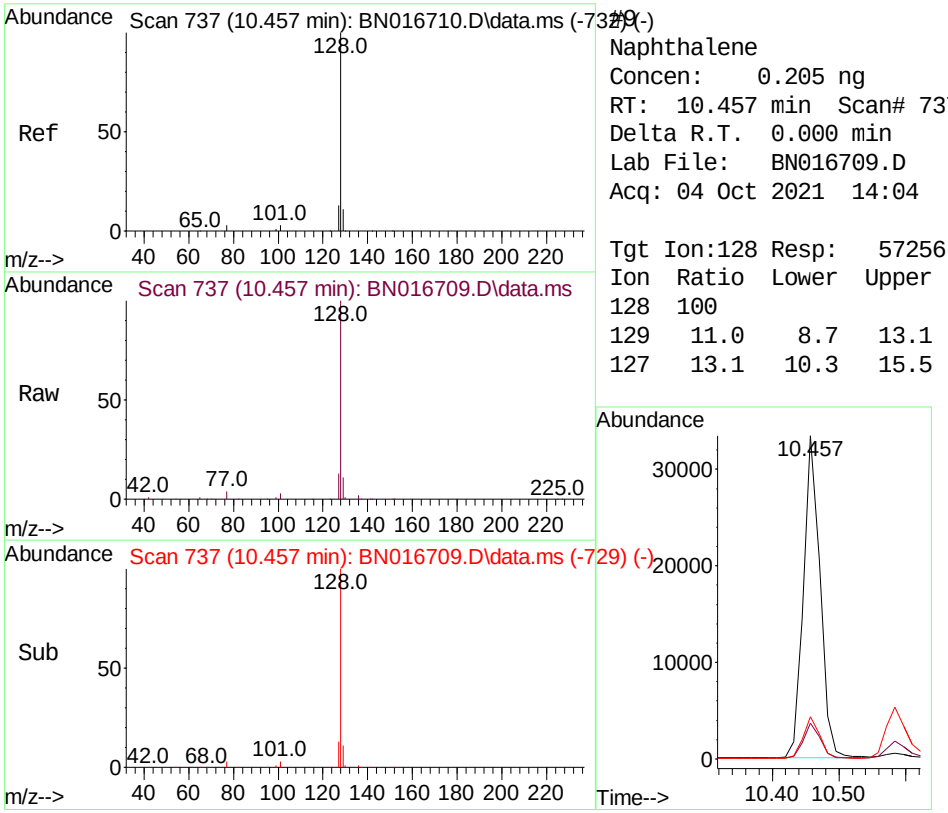
#8
Nitrobenzene-d5
Concen: 0.203 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion: 82 Resp: 13575

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.8	50.6
54	49.3	38.5	57.7



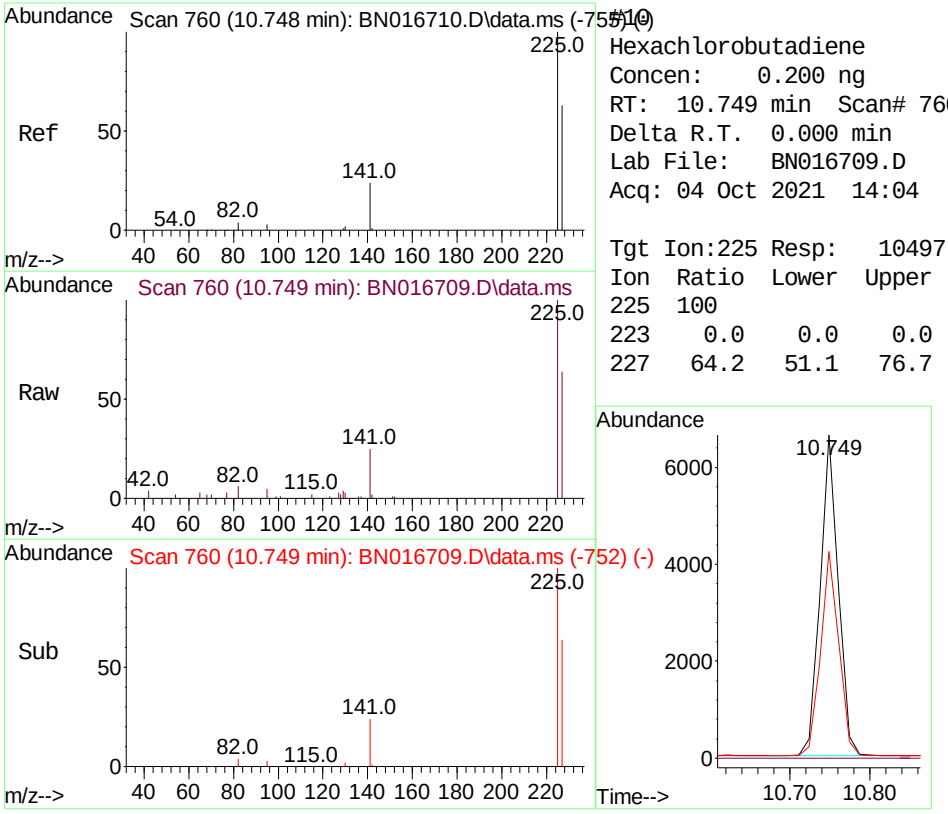
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2



#9
Naphthalene
Concen: 0.205 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:128 Resp: 57256

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.1	10.3	15.5

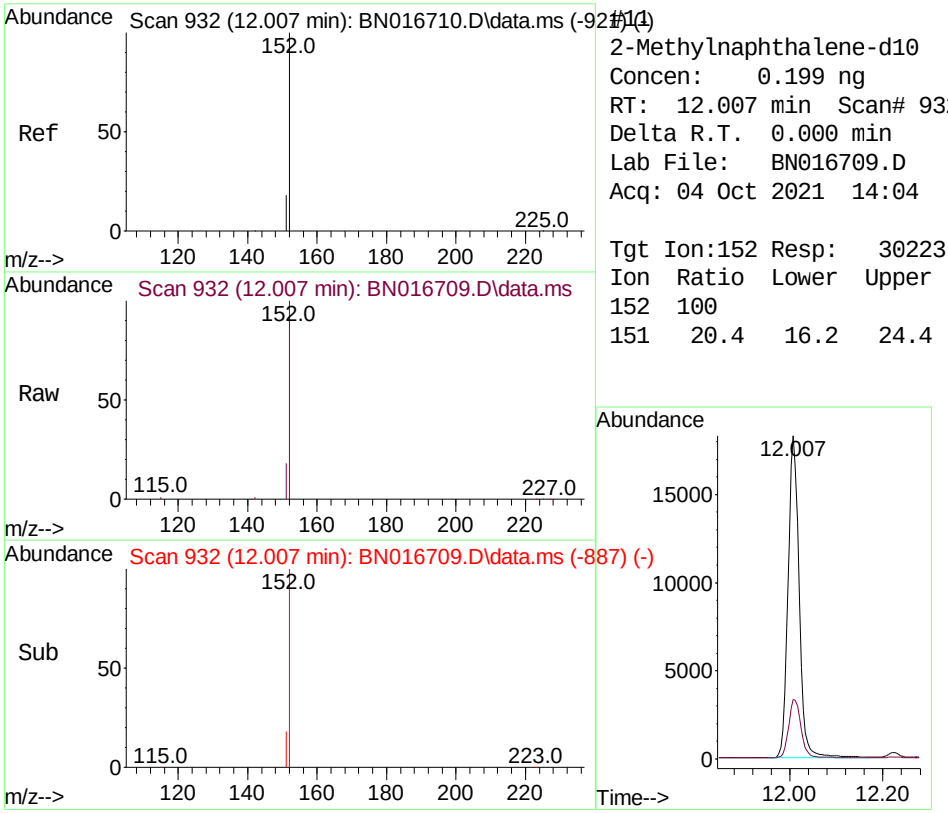


#10
Hexachlorobutadiene
Concen: 0.200 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:225 Resp: 10497

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.1	76.7

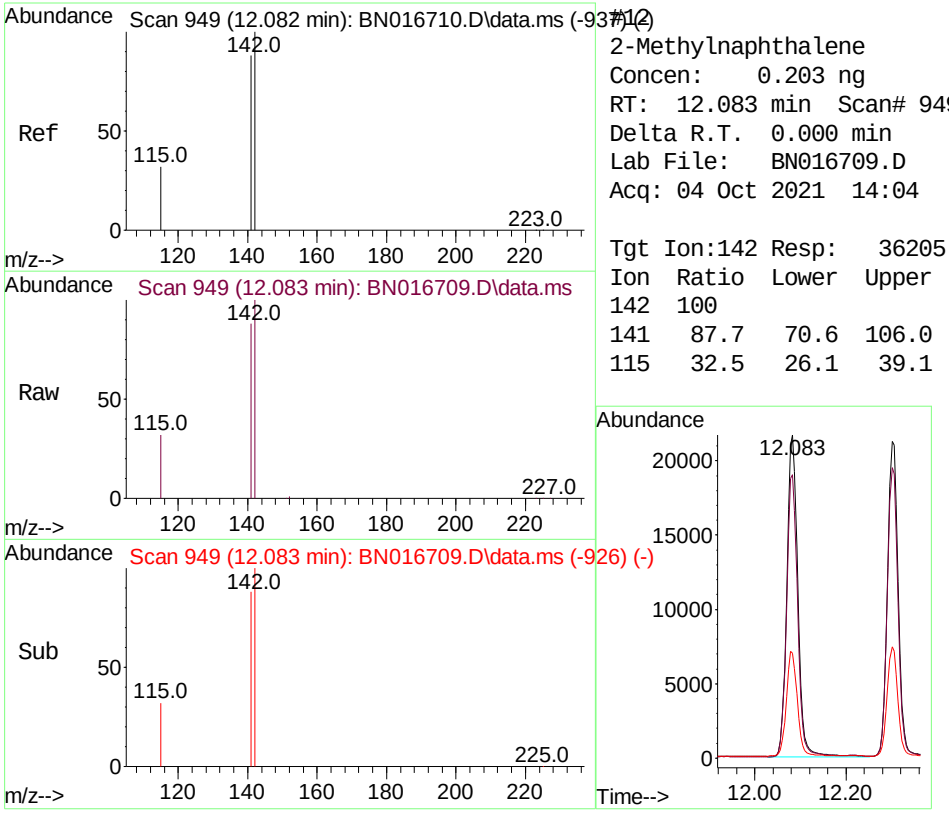
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2



2-Methylnaphthalene-d10
Concen: 0.199 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:152 Resp: 30223

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

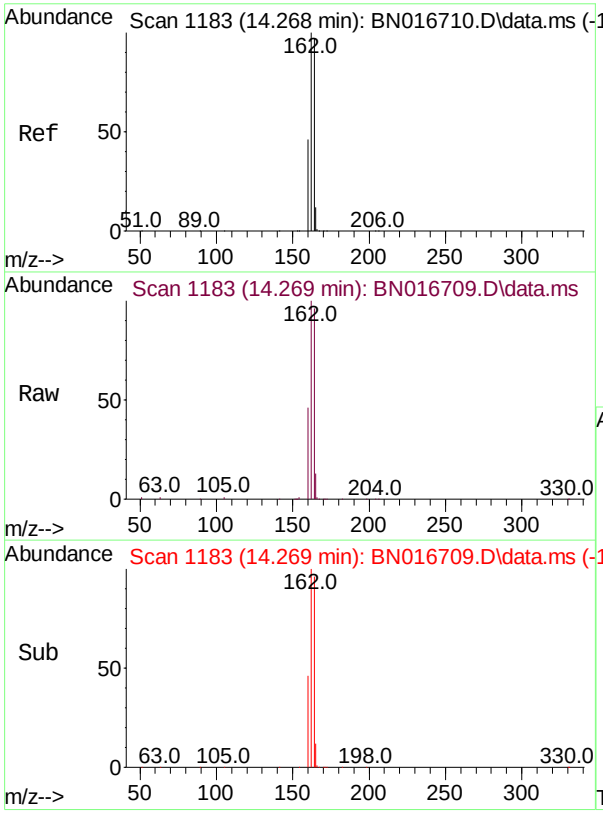


2-Methylnaphthalene
Concen: 0.203 ng
RT: 12.083 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:142 Resp: 36205

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.6	106.0
115	32.5	26.1	39.1

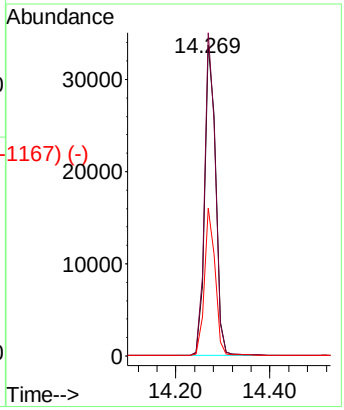
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

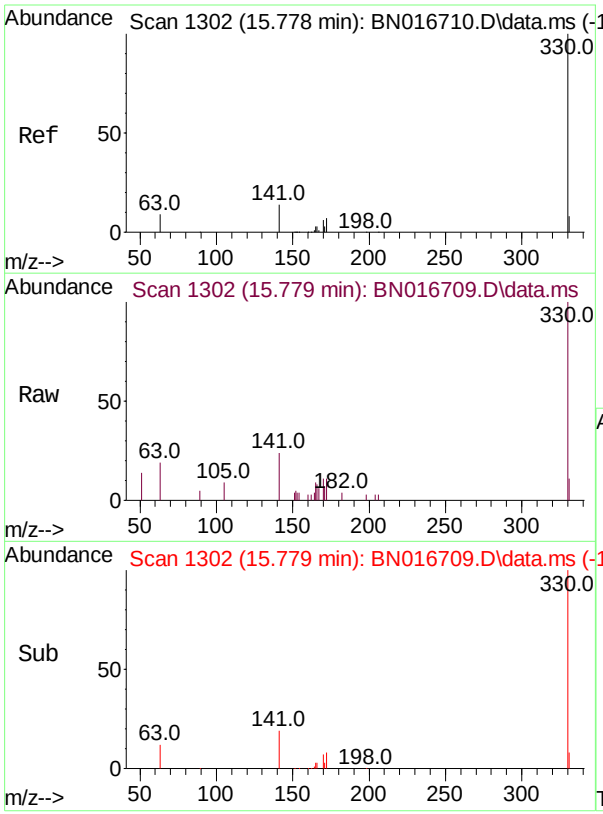


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:164 Resp: 54881

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	124.0
160	47.4	38.2	57.2

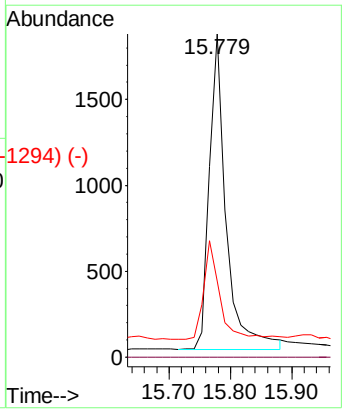




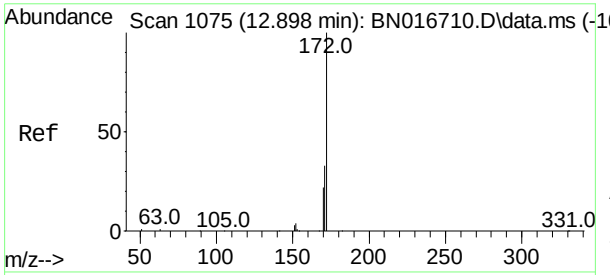
#14
2,4,6-Tribromophenol
Concen: 0.140 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:330 Resp: 3497

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.7	24.2	36.2



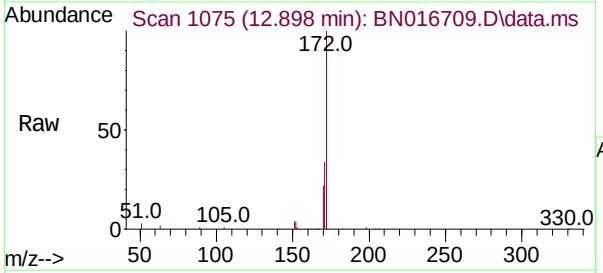
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

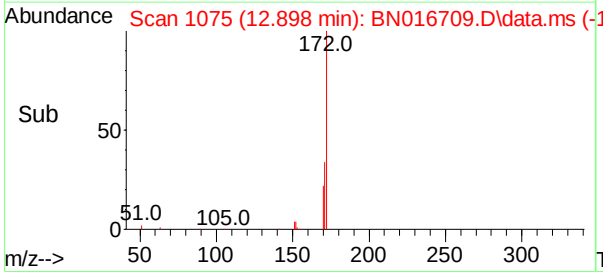


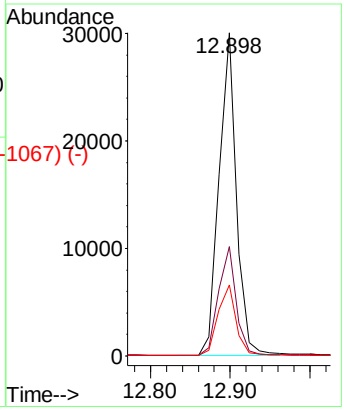
#15
2-Fluorobiphenyl
Concen: 0.206 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

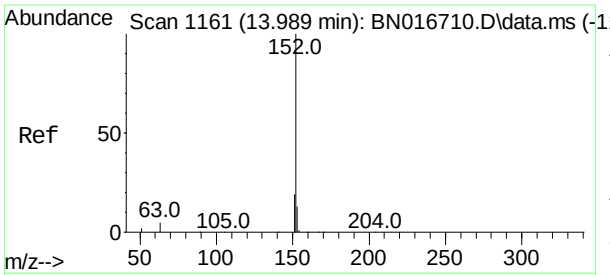
Tgt Ion:172 Resp: 45734

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.9	40.3
170	21.9	17.4	26.0





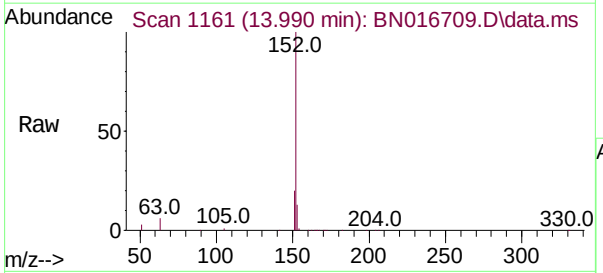


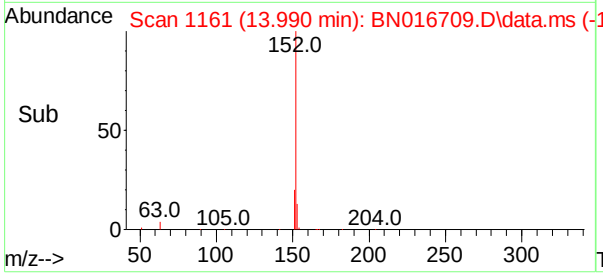


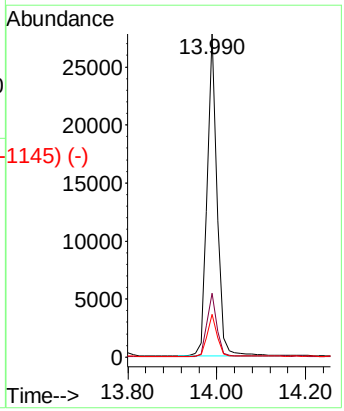
#16
Acenaphthylene
Concen: 0.180 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:152 Resp: 43154

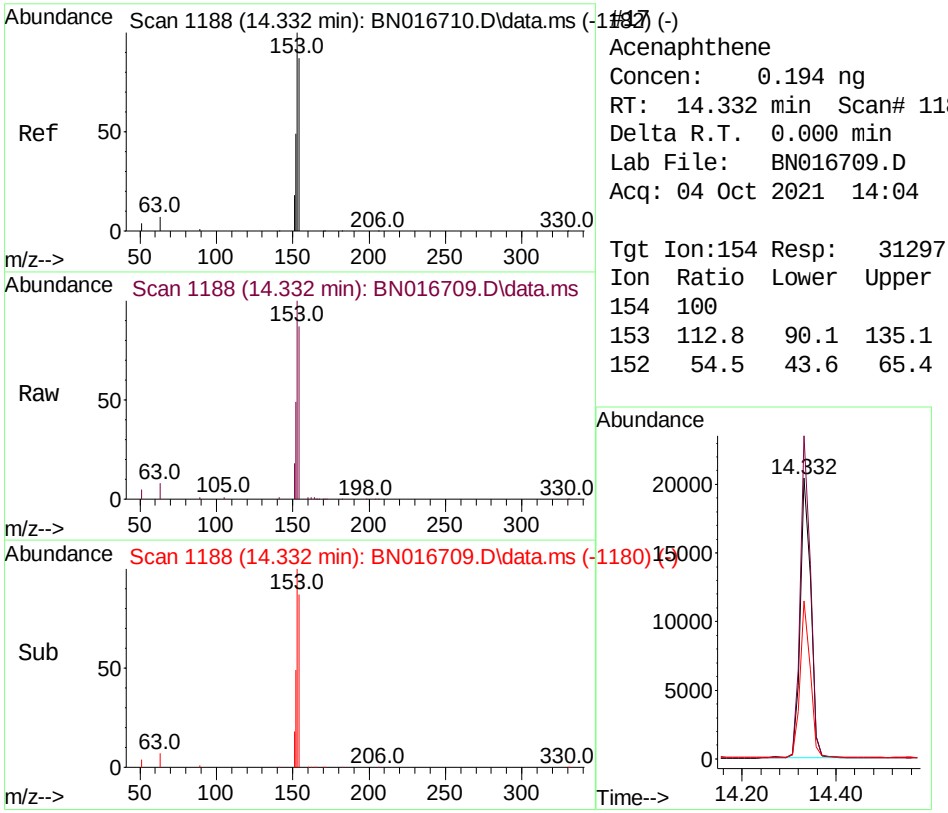
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.1	10.4	15.6







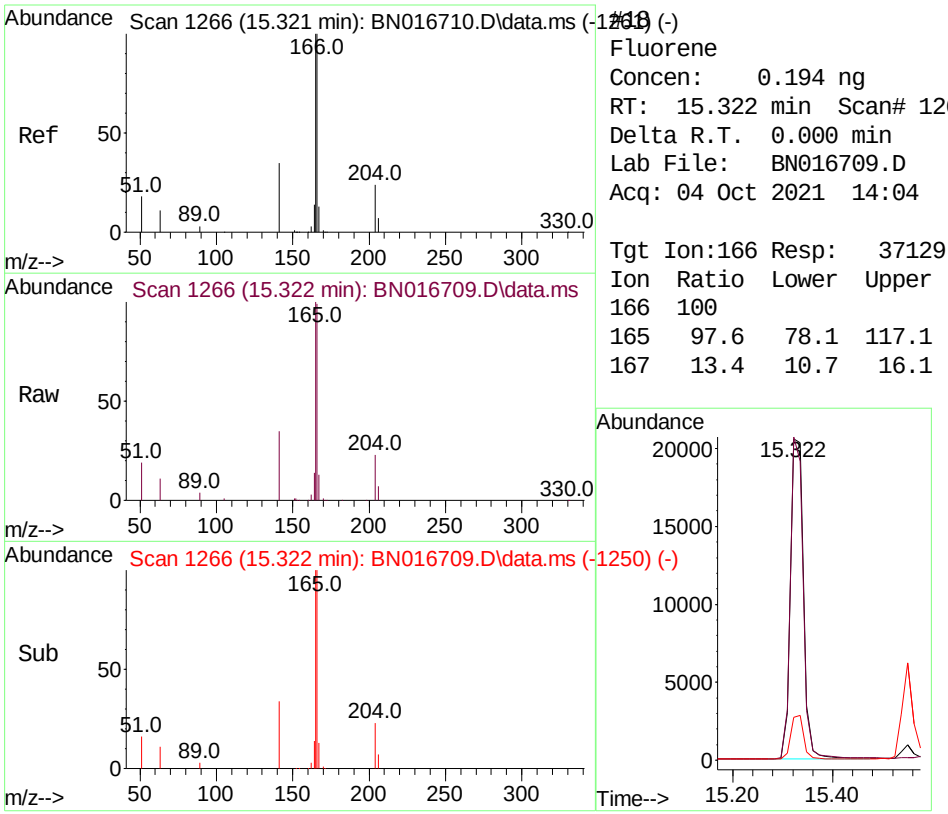
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2



#17
Acenaphthene
Concen: 0.194 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:154 Resp: 31297

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.1	135.1
152	54.5	43.6	65.4

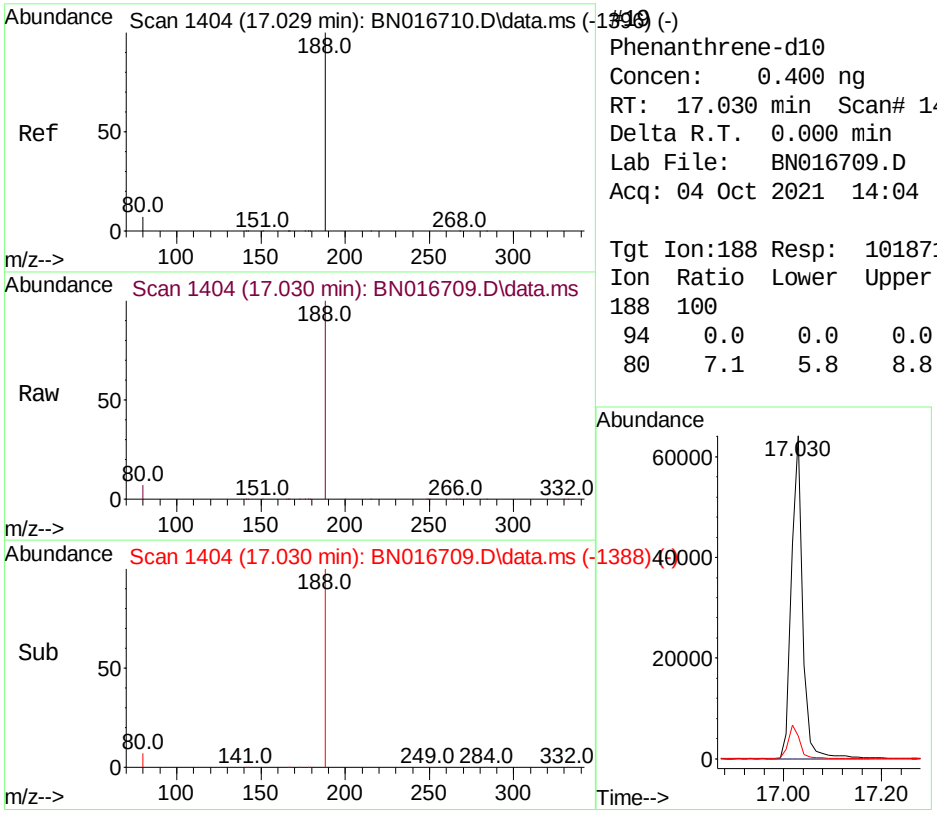


#18
Fluorene
Concen: 0.194 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:166 Resp: 37129

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	13.4	10.7	16.1

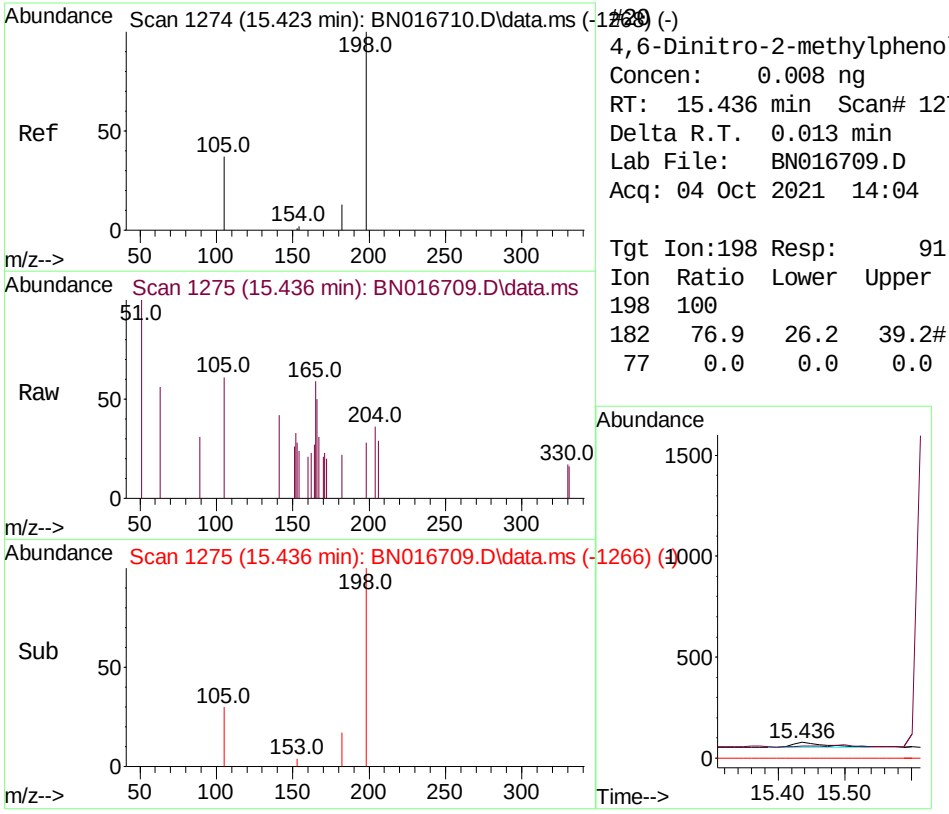
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2



#10
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:188 Resp: 101871

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	5.8	8.8

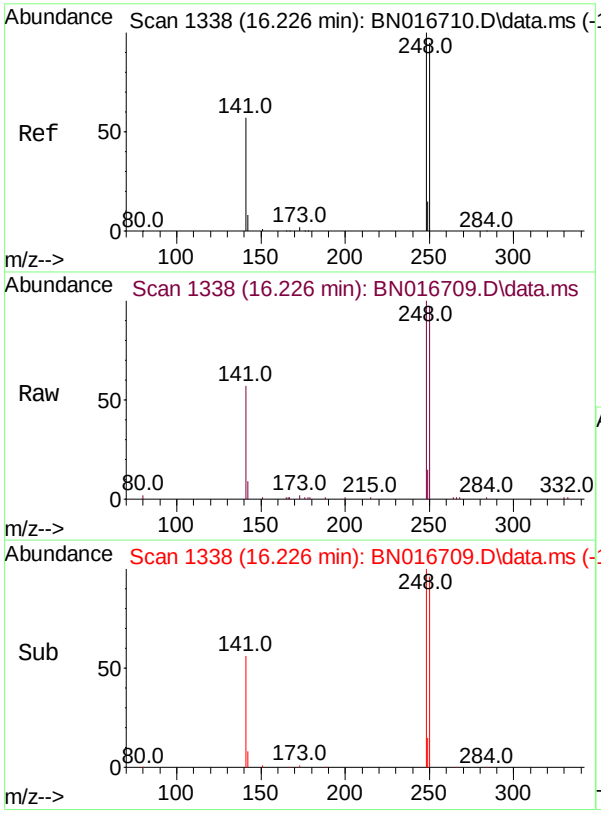


#20
4,6-Dinitro-2-methylphenol
Concen: 0.008 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.013 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:198 Resp: 91

Ion	Ratio	Lower	Upper
198	100		
182	76.9	26.2	39.2#
77	0.0	0.0	0.0

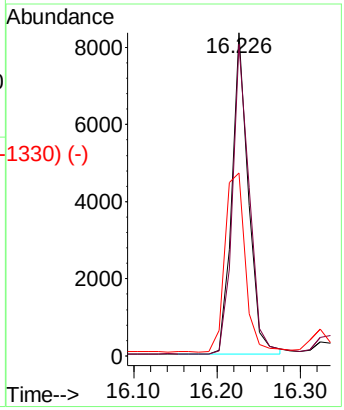
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

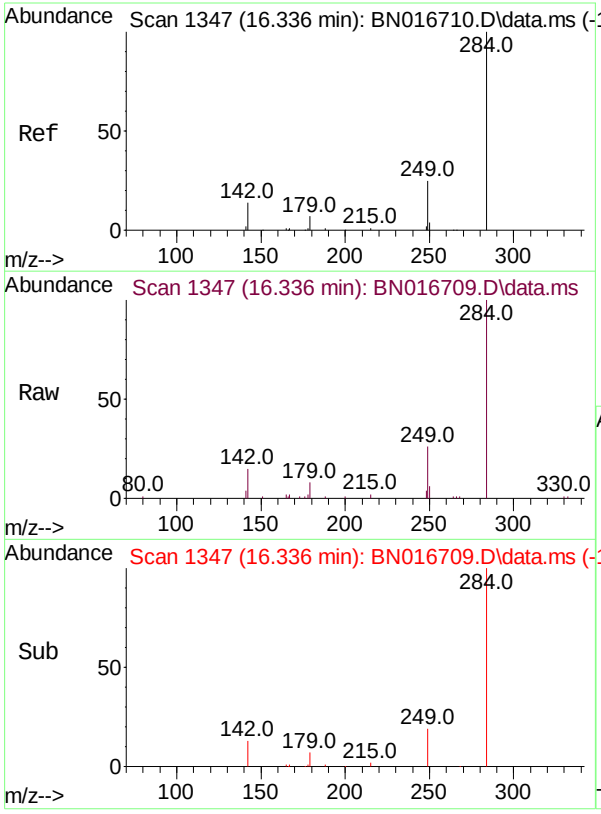


#24
4-Bromophenyl-phenylether
Concen: 0.183 ng
RT: 16.226 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:248 Resp: 11609

Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.2	114.4
141	56.5	45.6	68.4

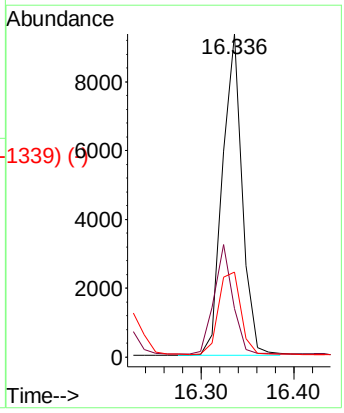




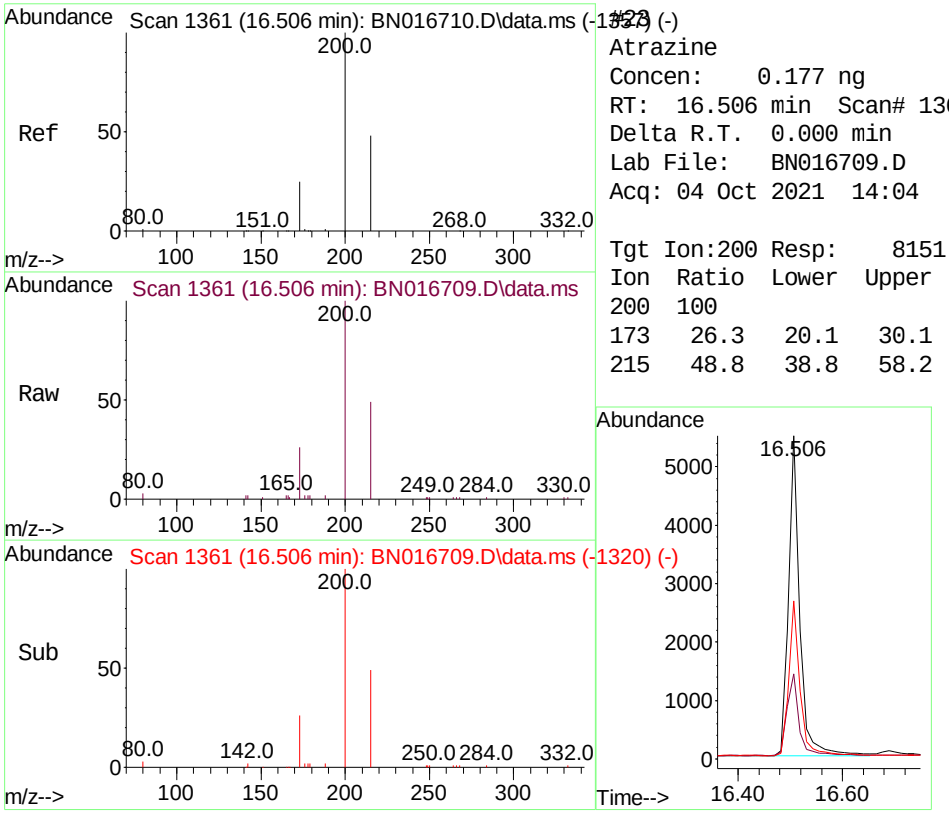
#22
Hexachlorobenzene
Concen: 0.187 ng
RT: 16.336 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:284 Resp: 13727

Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.8	38.6
249	29.1	23.3	34.9



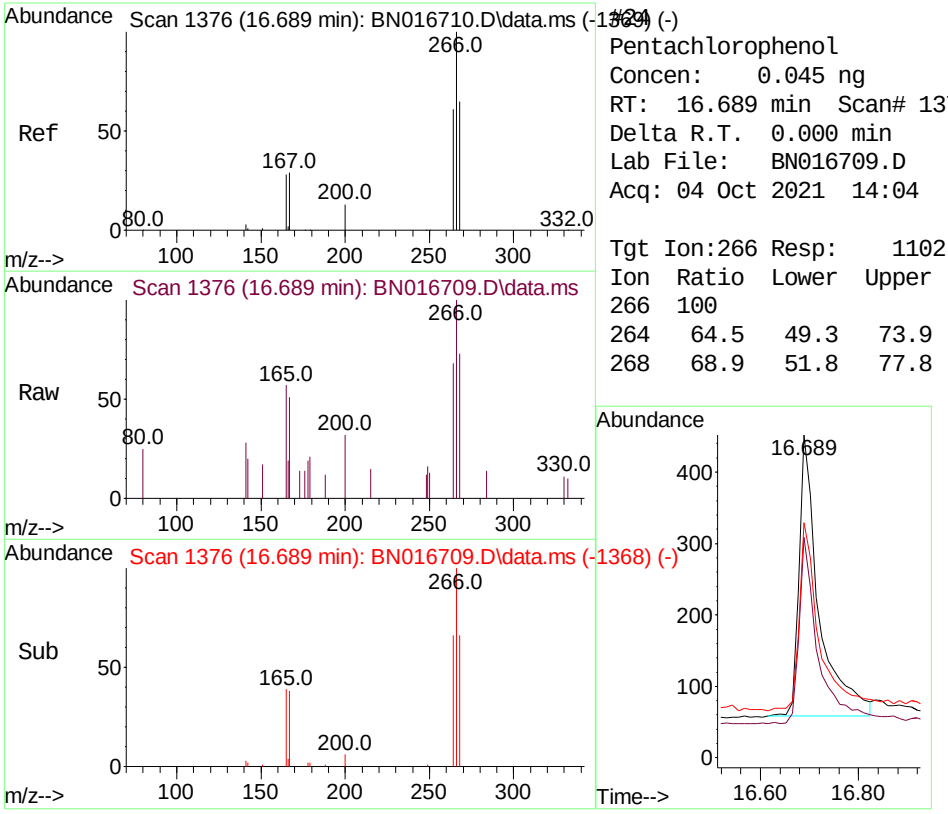
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2



#23
Atrazine
Concen: 0.177 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:200 Resp: 8151

Ion	Ratio	Lower	Upper
200	100		
173	26.3	20.1	30.1
215	48.8	38.8	58.2

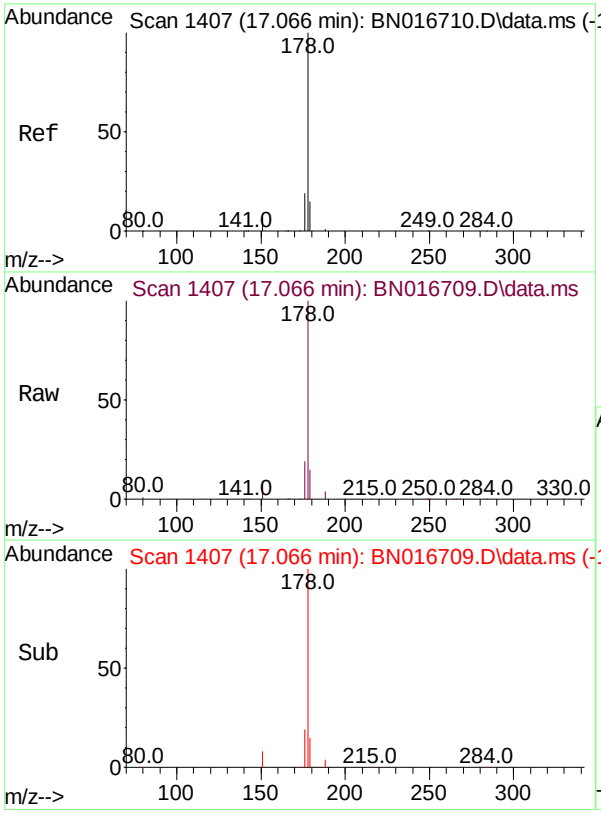


#24
Pentachlorophenol
Concen: 0.045 ng
RT: 16.689 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:266 Resp: 1102

Ion	Ratio	Lower	Upper
266	100		
264	64.5	49.3	73.9
268	68.9	51.8	77.8

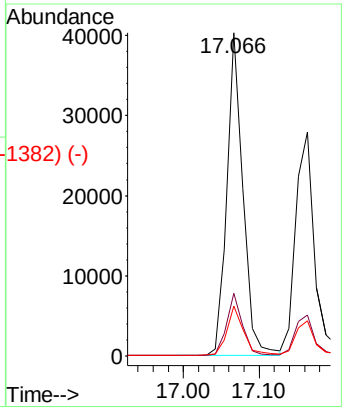
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

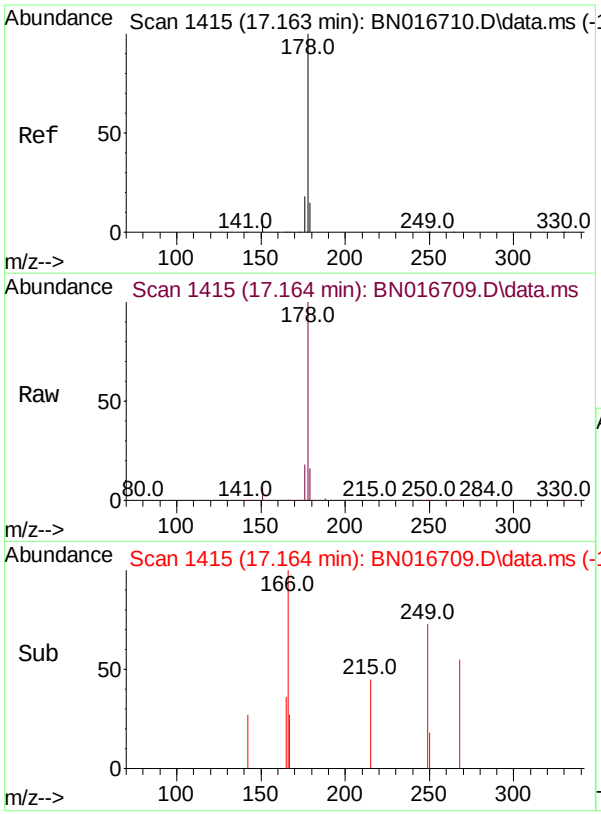


#25
Phenanthrene
Concen: 0.192 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:178 Resp: 58958

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.8	12.4	18.6

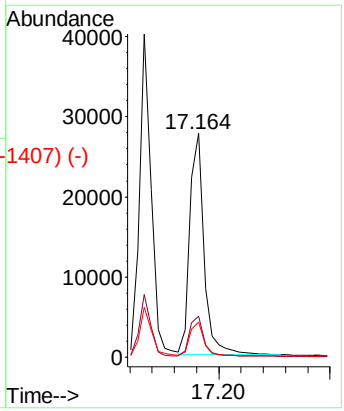




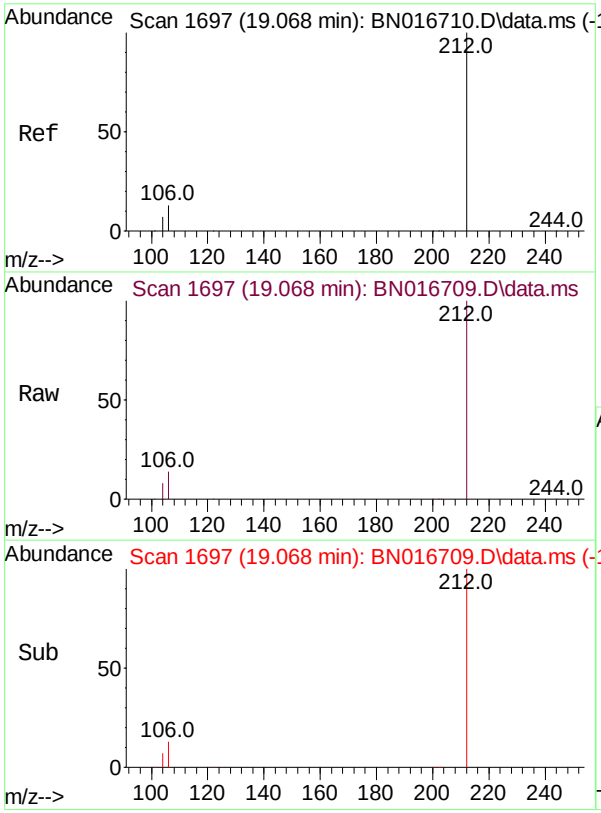
#26
Anthracene
Concen: 0.185 ng
RT: 17.164 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:178 Resp: 48994

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.4	12.2	18.4



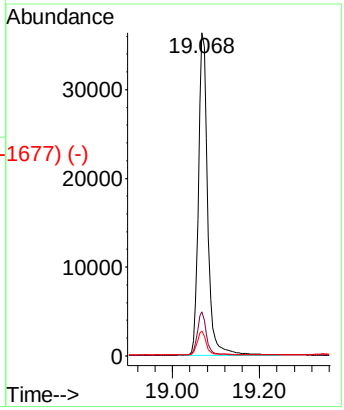
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

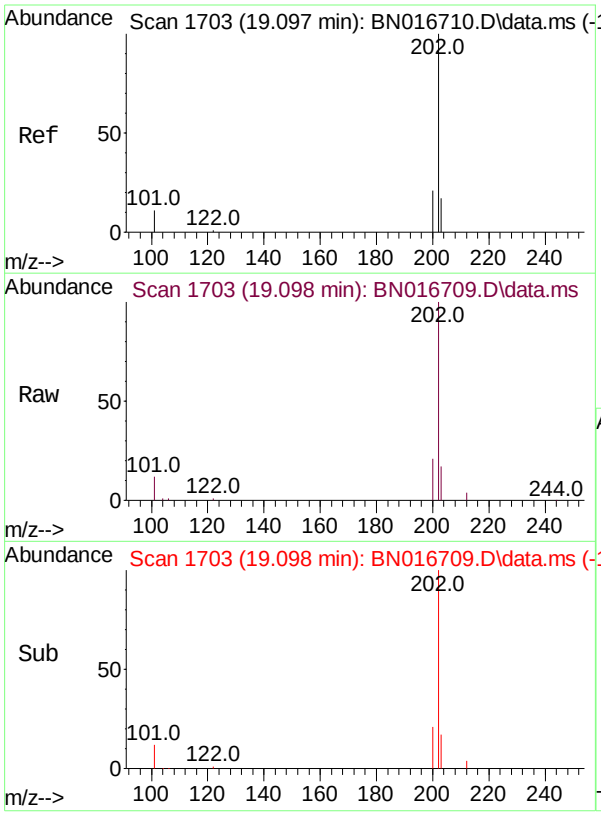


#27
Fluoranthene-d10
Concen: 0.200 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:212 Resp: 54072

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.6	16.0
104	7.4	5.8	8.8

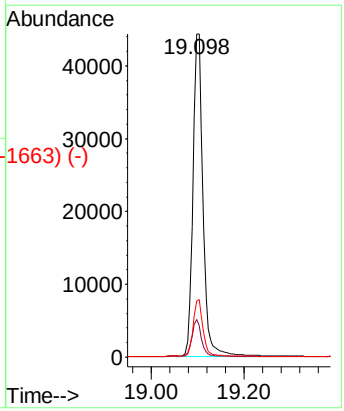




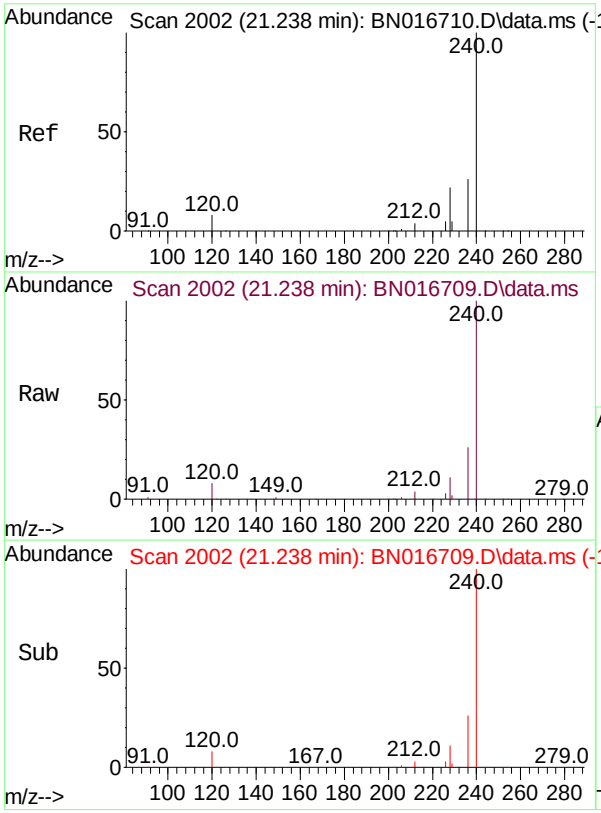
#28
Fluoranthene
Concen: 0.199 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:202 Resp: 65779

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.1	13.8	20.8



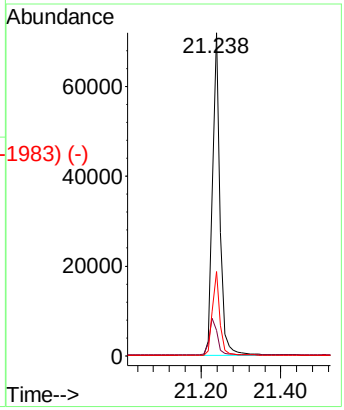
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

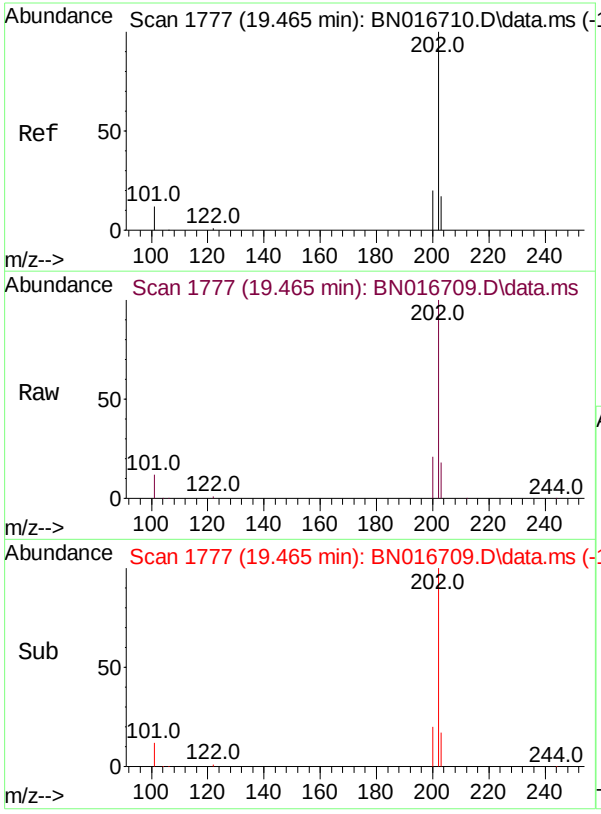


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:240 Resp: 95569

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.6	10.0
236	26.0	20.7	31.1

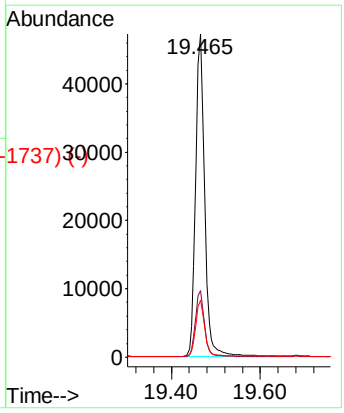




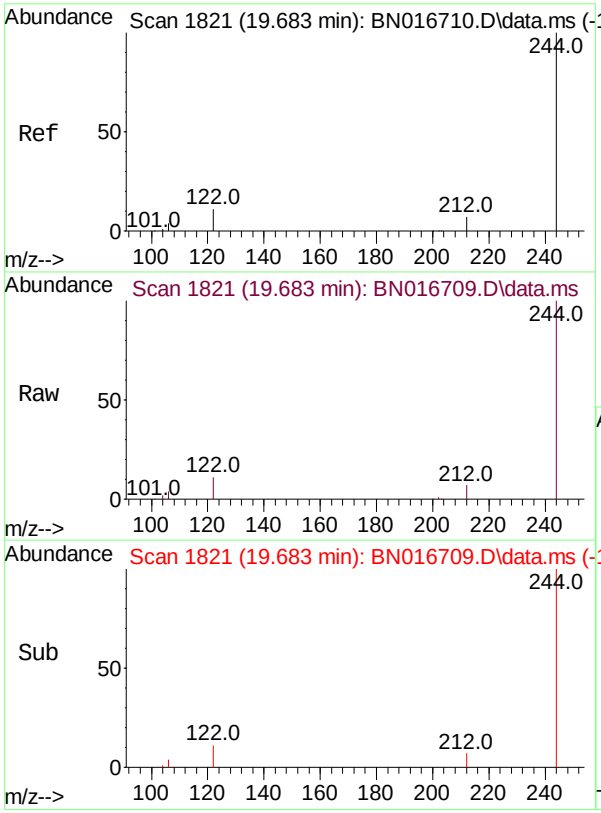
#30
Pyrene
Concen: 0.215 ng
RT: 19.465 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:202 Resp: 66621

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	13.9	20.9



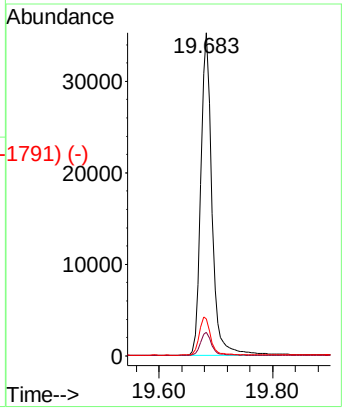
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

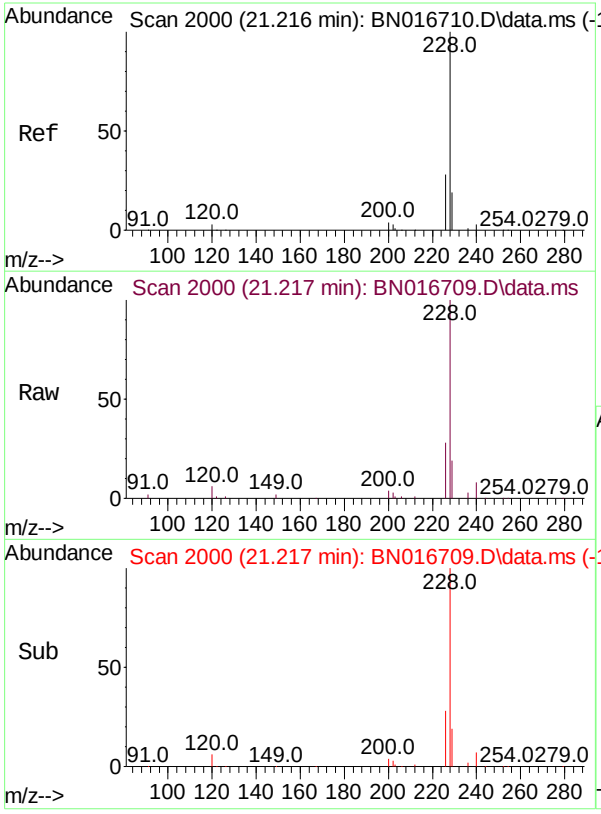


#31
Terphenyl-d14
Concen: 0.229 ng
RT: 19.683 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:244 Resp: 47610

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.4	8.9	13.3

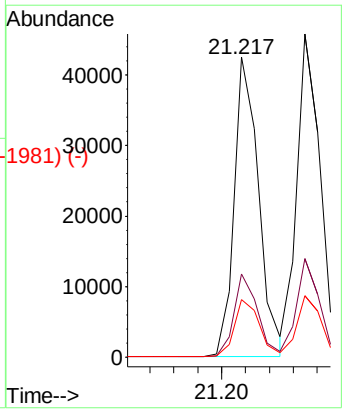




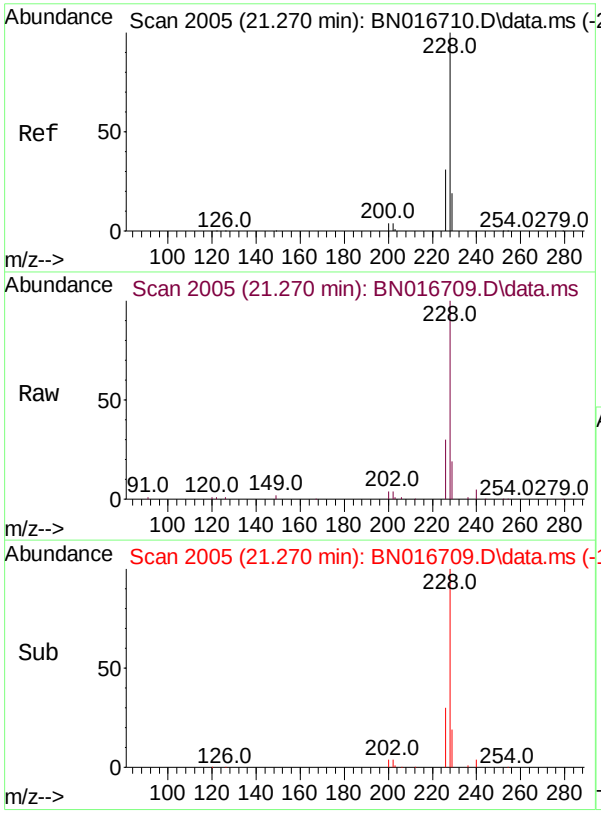
#32
Benzo(a)anthracene
Concen: 0.206 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:228 Resp: 60552

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	19.2	15.4	23.0



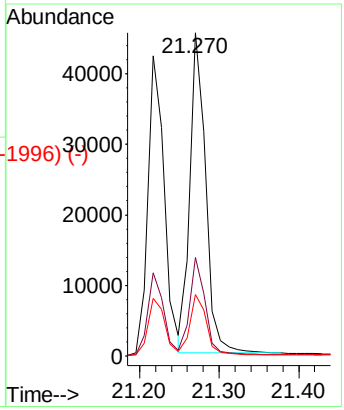
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

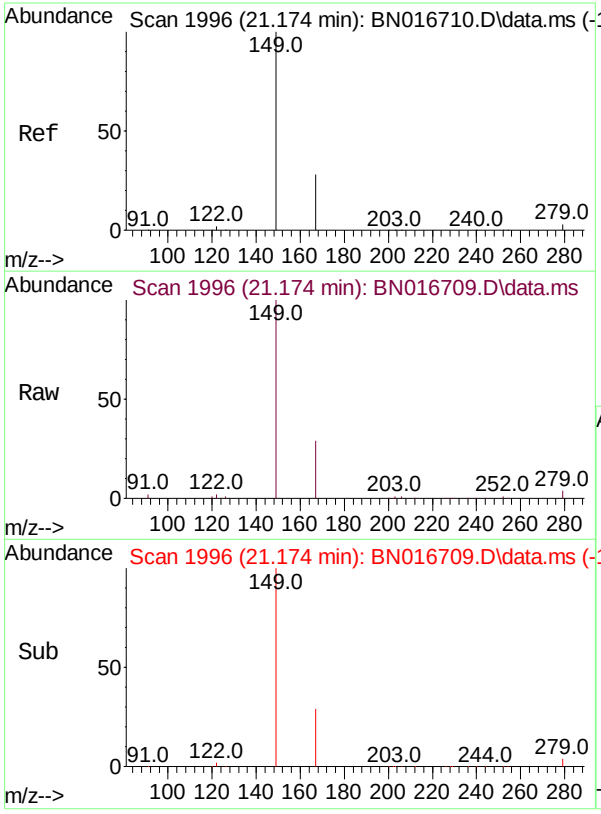


#33
Chrysene
Concen: 0.214 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:228 Resp: 63485

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	19.1	15.4	23.0

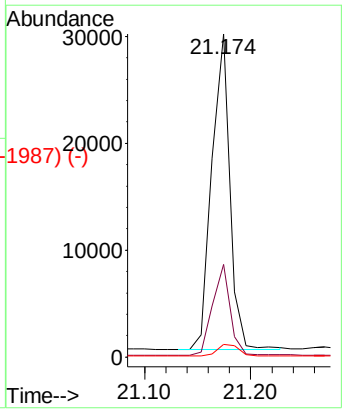




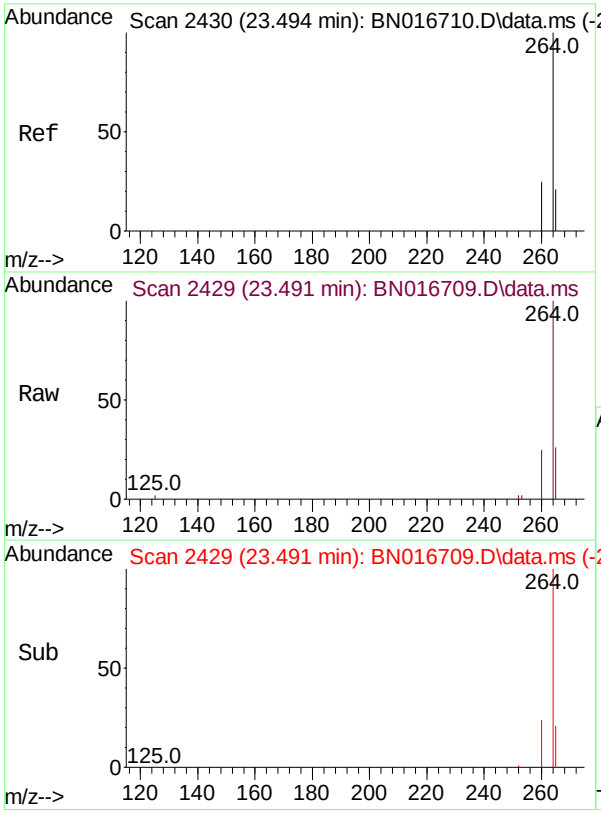
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.300 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:149 Resp: 35119

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	4.4	3.4	5.2



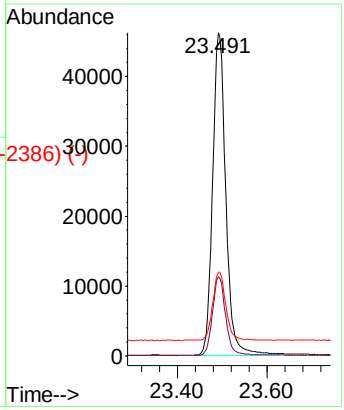
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

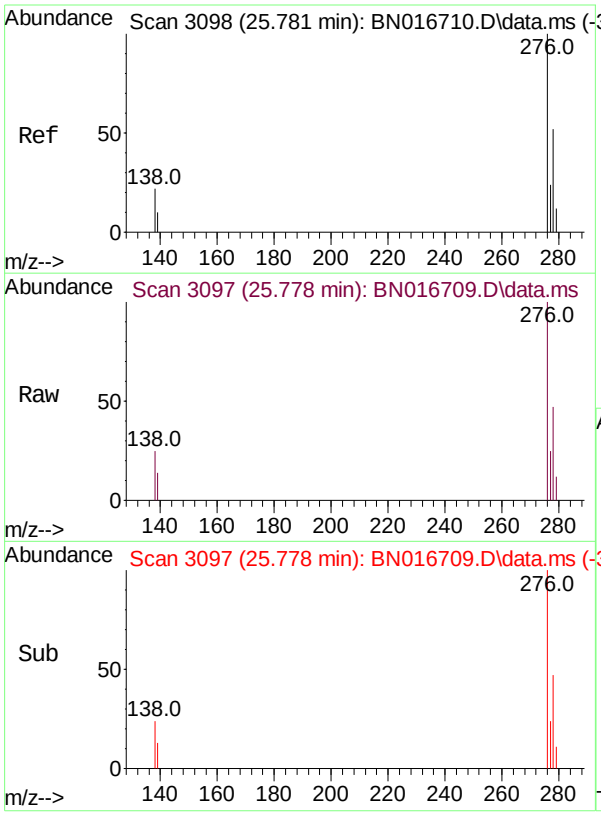


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.491 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:264 Resp: 93866

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	26.0	20.3	30.5

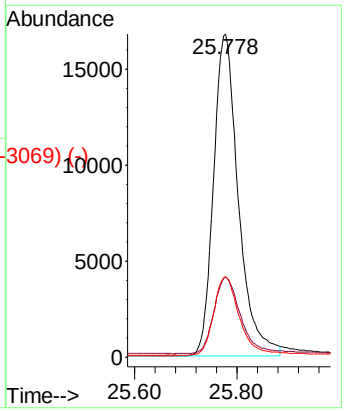




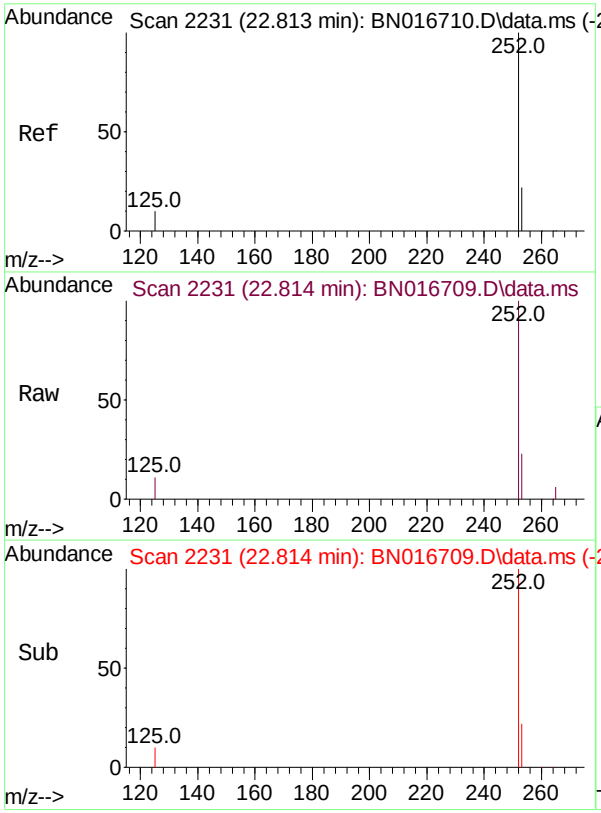
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.169 ng
RT: 25.778 min Scan# 3097
Delta R.T. -0.003 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:276 Resp: 56518

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.2	28.8
277	25.0	20.0	30.0



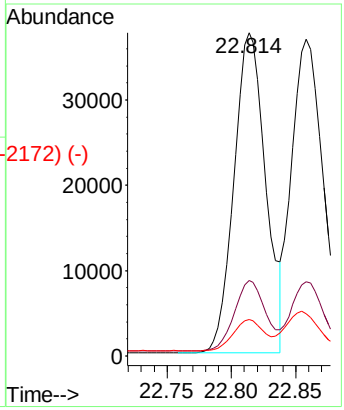
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

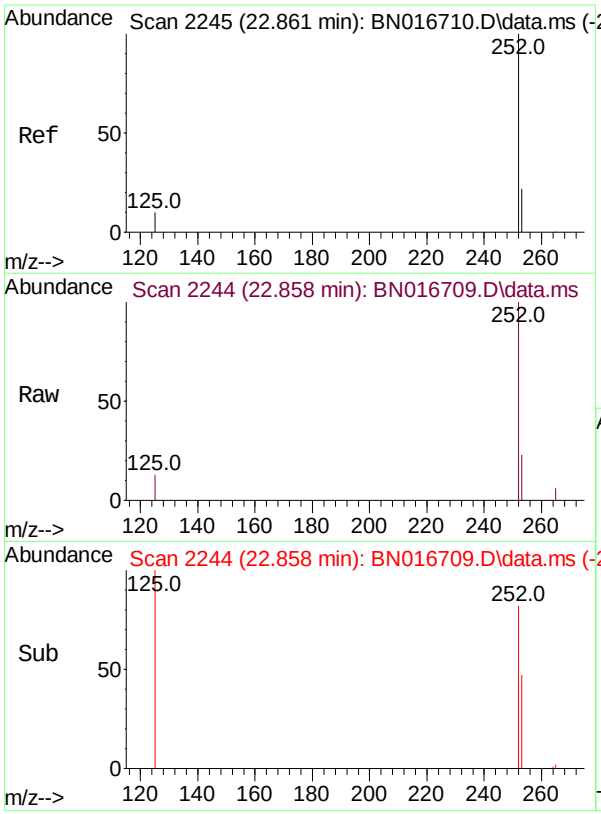


#37
Benzo(b)fluoranthene
Concen: 0.213 ng
RT: 22.814 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:252 Resp: 64360

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	11.3	8.3	12.5

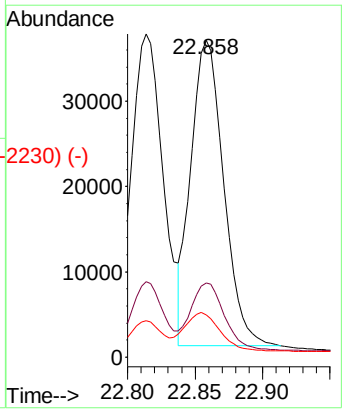




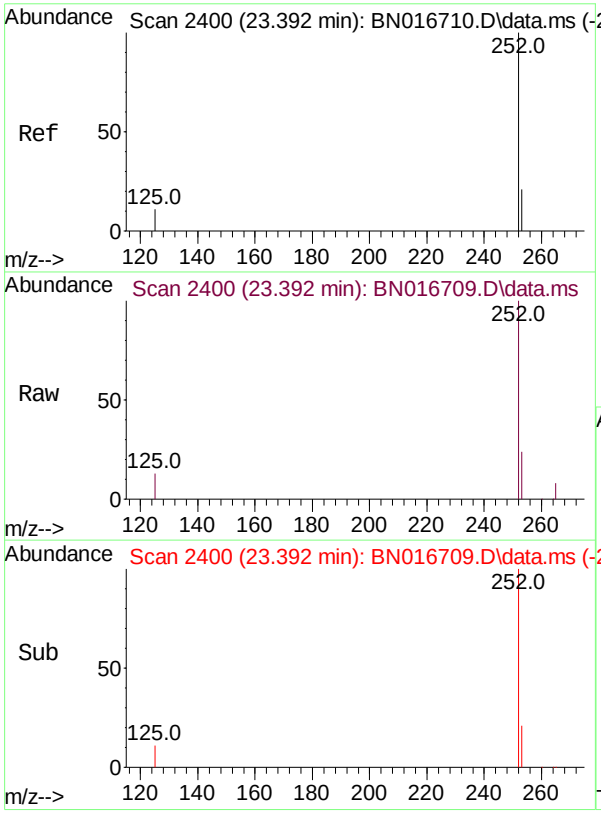
#38
Benzo(k)fluoranthene
Concen: 0.203 ng
RT: 22.858 min Scan# 2244
Delta R.T. -0.003 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:252 Resp: 60370

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	13.4	8.5	12.7#



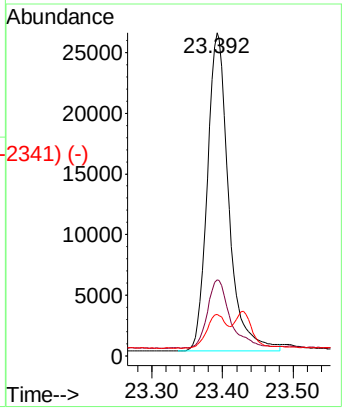
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

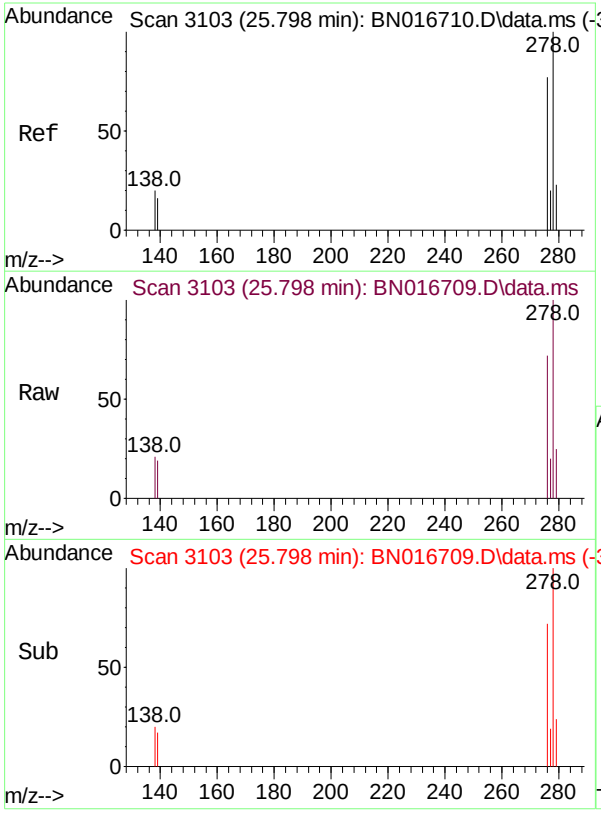


#39
Benzo(a)pyrene
Concen: 0.206 ng
RT: 23.392 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:252 Resp: 55223

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	12.8	9.4	14.2

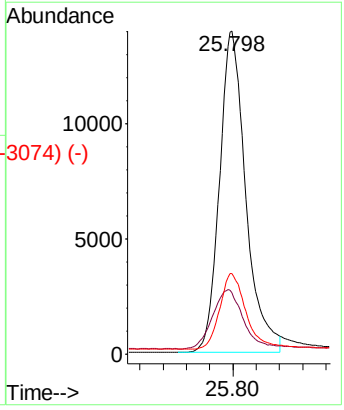


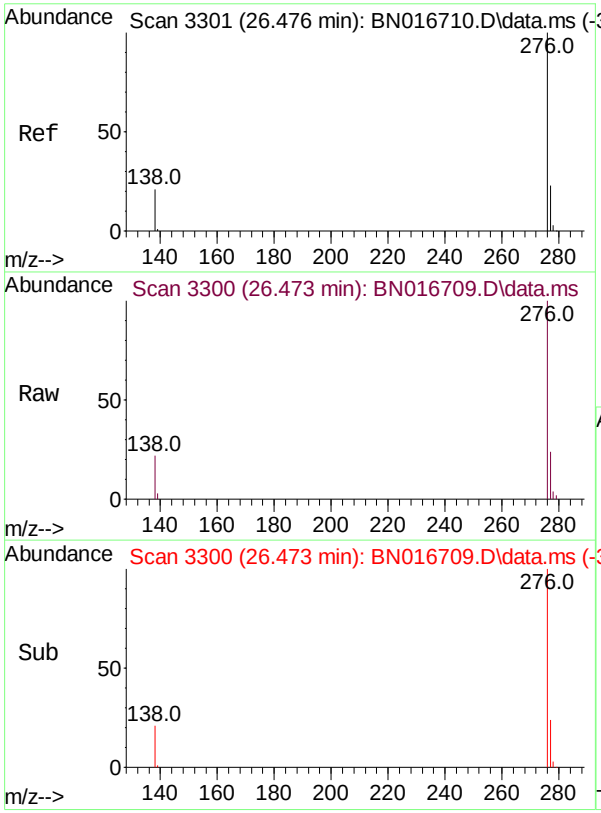


#40
Dibenzo(a,h)anthracene
Concen: 0.162 ng
RT: 25.798 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:278 Resp: 43720

Ion	Ratio	Lower	Upper
278	100		
139	18.9	13.1	19.7
279	25.0	19.3	28.9

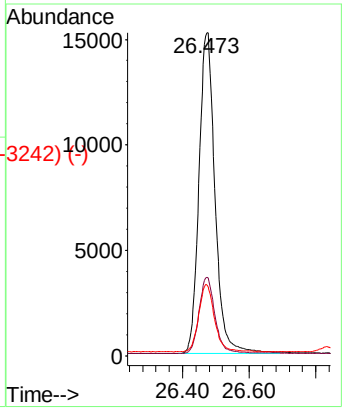




#46
Benzo(g,h,i)perylene
Concen: 0.172 ng
RT: 26.473 min Scan# 3300
Delta R.T. -0.003 min
Lab File: BN016709.D
Acq: 04 Oct 2021 14:04

Tgt Ion:276 Resp: 51078

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	21.9	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2