Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
Data File : BN017210.D
Acq On : 01 Nov 2021 13:11
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 01 15:15:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 15:13:26 2021
Response via : Initial Calibration

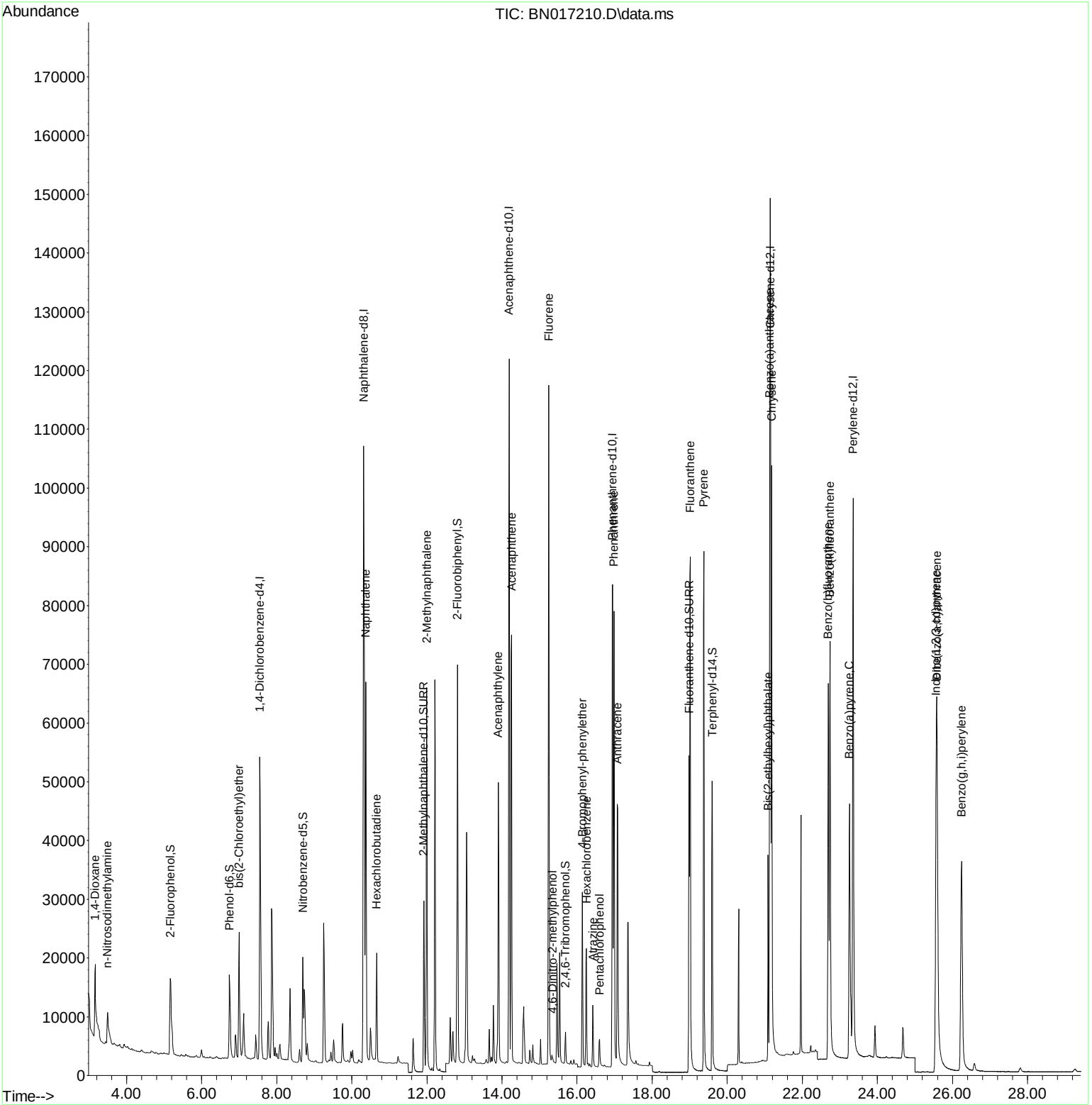
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	31344	0.400	ng		0.00
7) Naphthalene-d8	10.320	136	140394	0.400	ng		0.00
13) Acenaphthene-d10	14.194	164	73176	0.400	ng		0.00
19) Phenanthrene-d10	16.946	188	132635	0.400	ng		0.00
29) Chrysene-d12	21.155	240	125300	0.400	ng		0.00
35) Perylene-d12	23.353	264	127218	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.173	112	15867	0.226	ng		0.00
5) Phenol-d6	6.740	99	16603	0.213	ng		0.00
8) Nitrobenzene-d5	8.697	82	16060	0.196	ng		0.00
11) 2-Methylnaphthalene-d10	11.920	152	41615	0.196	ng		0.00
14) 2,4,6-Tribromophenol	15.691	330	4210	0.160	ng		0.00
15) 2-Fluorobiphenyl	12.811	172	58976	0.216	ng		0.00
27) Fluoranthene-d10	18.985	212	67357	0.181	ng		0.00
31) Terphenyl-d14	19.601	244	56826	0.211	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.163	88	4686	0.281	ng	#	34
3) n-Nitrosodimethylamine	3.495	42	6027	0.219	ng		99
6) bis(2-Chloroethyl)ether	6.999	93	18300	0.222	ng		100
9) Naphthalene	10.370	128	84003	0.229	ng		100
10) Hexachlorobutadiene	10.662	225	14734	0.218	ng	#	99
12) 2-Methylnaphthalene	11.995	142	50011	0.217	ng		99
16) Acenaphthylene	13.902	152	56808	0.194	ng		100
17) Acenaphthene	14.258	154	42694	0.211	ng		100
18) Fluorene	15.247	166	48992	0.205	ng		100
20) 4,6-Dinitro-2-methylph...	15.349	198	1031	0.071	ng	#	86
21) 4-Bromophenyl-phenylether	16.143	248	14516	0.199	ng		98
22) Hexachlorobenzene	16.252	284	16563	0.208	ng		100
23) Atrazine	16.423	200	9048	0.176	ng		100
24) Pentachlorophenol	16.605	266	3074	0.105	ng		99
25) Phenanthrene	16.983	178	78226	0.211	ng		100
26) Anthracene	17.080	178	60738	0.195	ng		100
28) Fluoranthene	19.015	202	83967	0.209	ng		100
30) Pyrene	19.377	202	83007	0.210	ng		100
32) Benzo(a)anthracene	21.133	228	75475	0.199	ng		100
33) Chrysene	21.187	228	83371	0.209	ng		99
34) Bis(2-ethylhexyl)phtha...	21.091	149	29430	0.184	ng		100
36) Indeno(1,2,3-cd)pyrene	25.567	276	91212	0.197	ng		99
37) Benzo(b)fluoranthene	22.692	252	82234	0.207	ng		99
38) Benzo(k)fluoranthene	22.736	252	83724	0.212	ng	#	97
39) Benzo(a)pyrene	23.257	252	74570	0.208	ng		99
40) Dibenzo(a,h)anthracene	25.588	278	71694	0.191	ng		97
41) Benzo(g,h,i)perylene	26.241	276	81168	0.201	ng		99

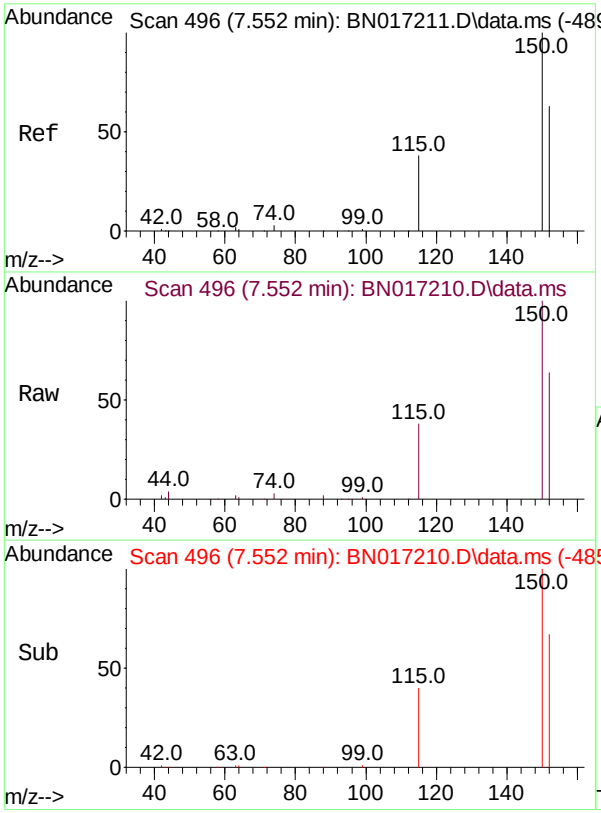
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
Data File : BN017210.D
Acq On : 01 Nov 2021 13:11
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 01 15:15:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 15:13:26 2021
Response via : Initial Calibration



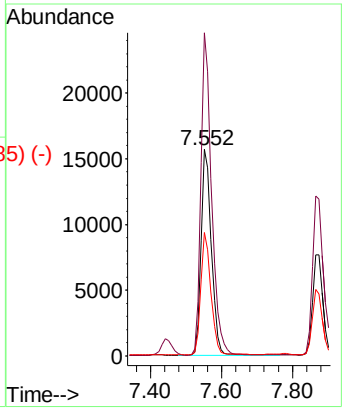


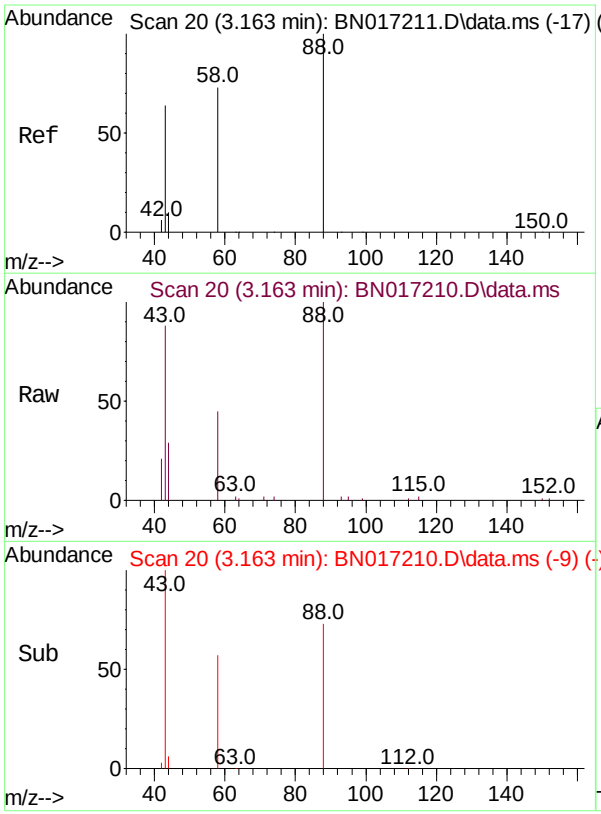
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 31344

Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.4	191.0
115	59.8	48.5	72.7

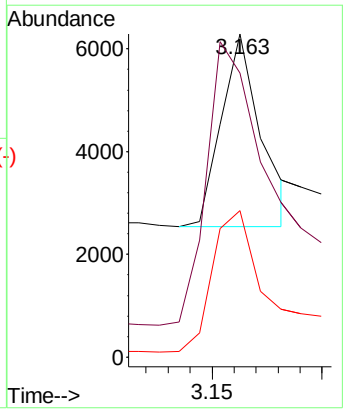


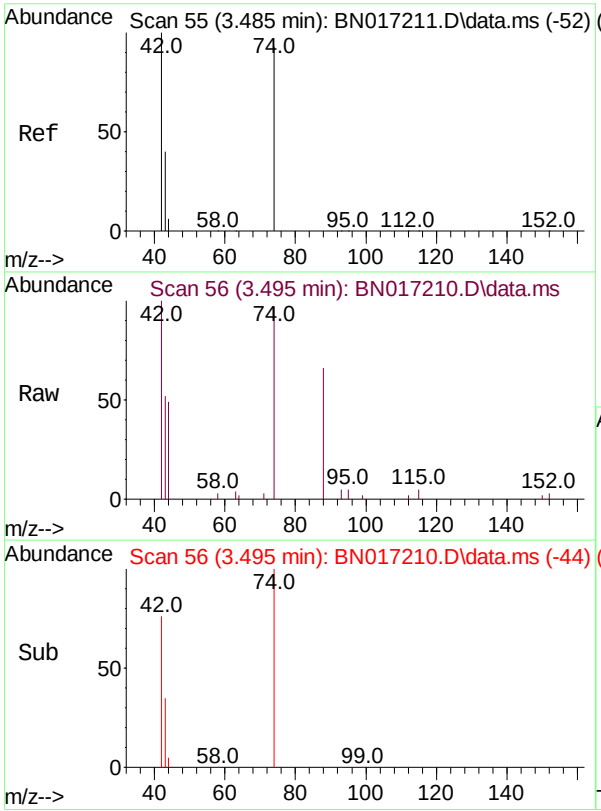


#2
1,4-Dioxane
Concen: 0.281 ng
RT: 3.163 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion: 88 Resp: 4686

Ion	Ratio	Lower	Upper
88	100		
43	209.6	72.9	109.3#
58	89.4	68.6	103.0



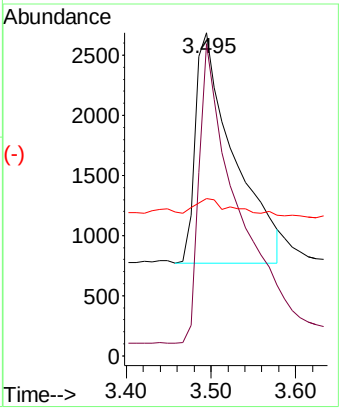


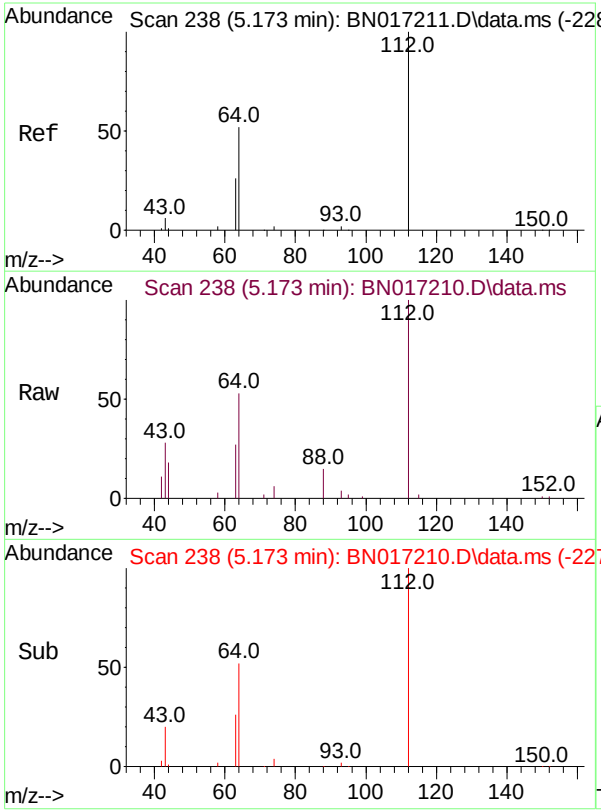
#3
n-Nitrosodimethylamine
Concen: 0.219 ng
RT: 3.495 min Scan# 5
Delta R.T. 0.009 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 6027

Ion	Ratio	Lower	Upper
42	100		
74	126.7	100.6	150.8
44	6.7	4.6	6.8

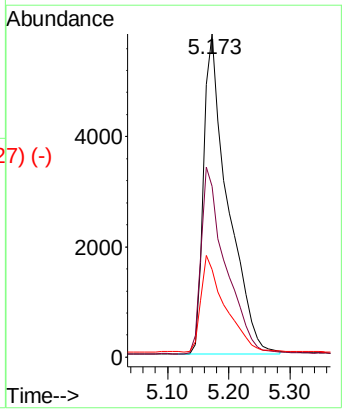


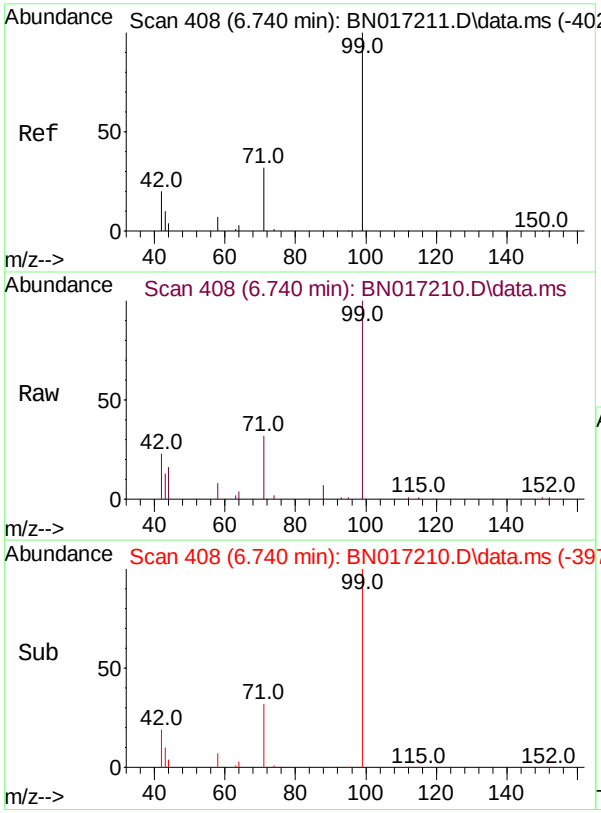


#4
2-Fluorophenol
Concen: 0.226 ng
RT: 5.173 min Scan# 238
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:112 Resp: 15867

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.1	70.7
63	29.7	23.9	35.9



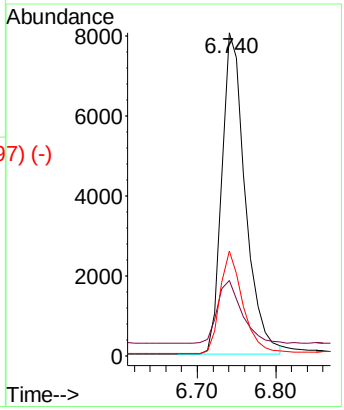


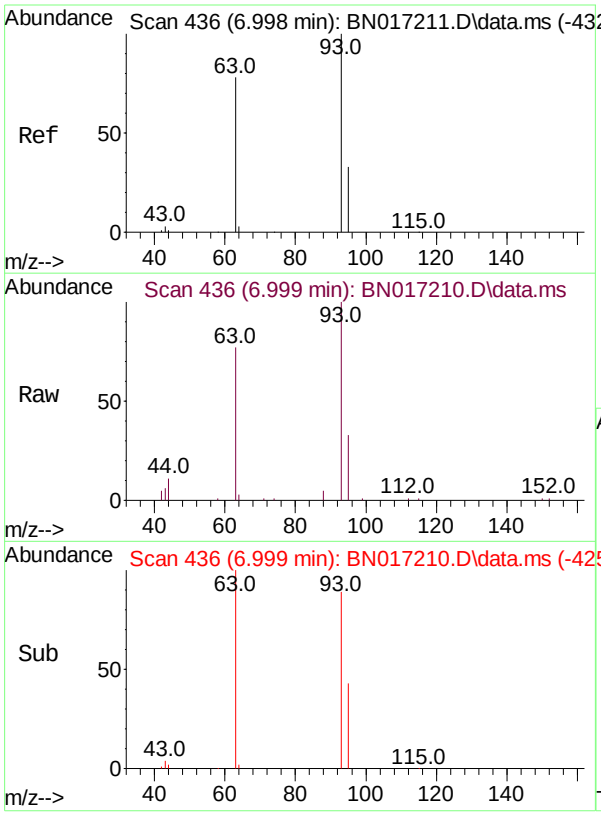
#5
Phenol-d6
Concen: 0.213 ng
RT: 6.740 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 16603

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.5	24.7
71	31.0	24.7	37.1

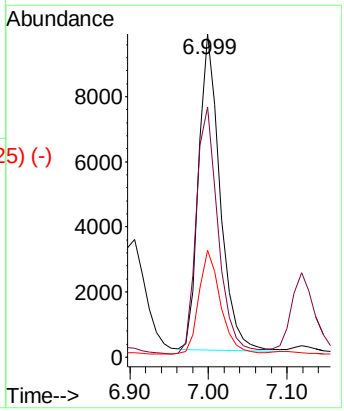


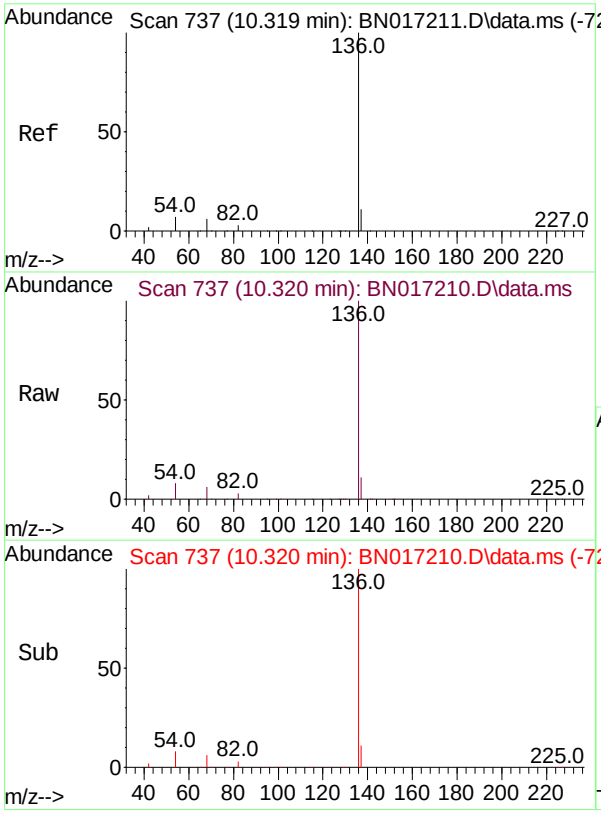


#6
bis(2-Chloroethyl)ether
Concen: 0.222 ng
RT: 6.999 min Scan# 436
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion: 93 Resp: 18300

Ion	Ratio	Lower	Upper
93	100		
63	80.6	64.5	96.7
95	33.3	26.5	39.7



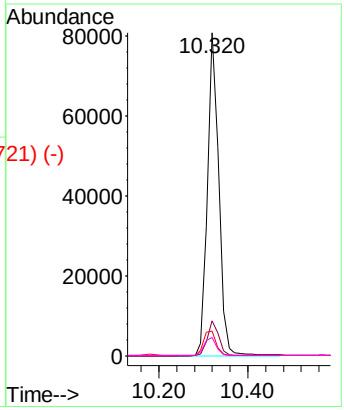


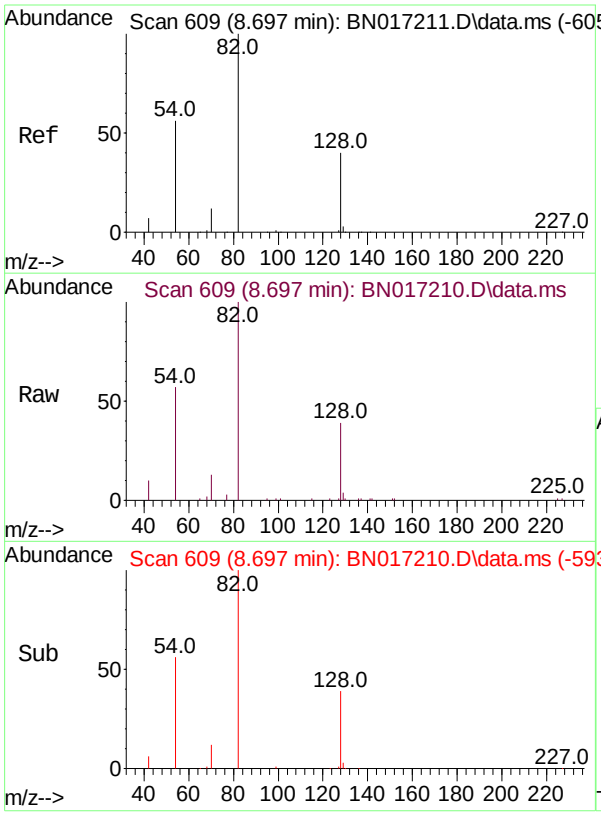
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.320 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 140394

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.8	6.1	9.1
68	5.6	4.6	6.8

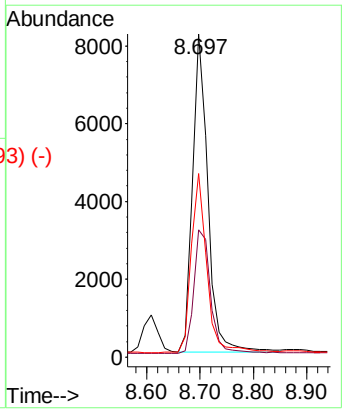


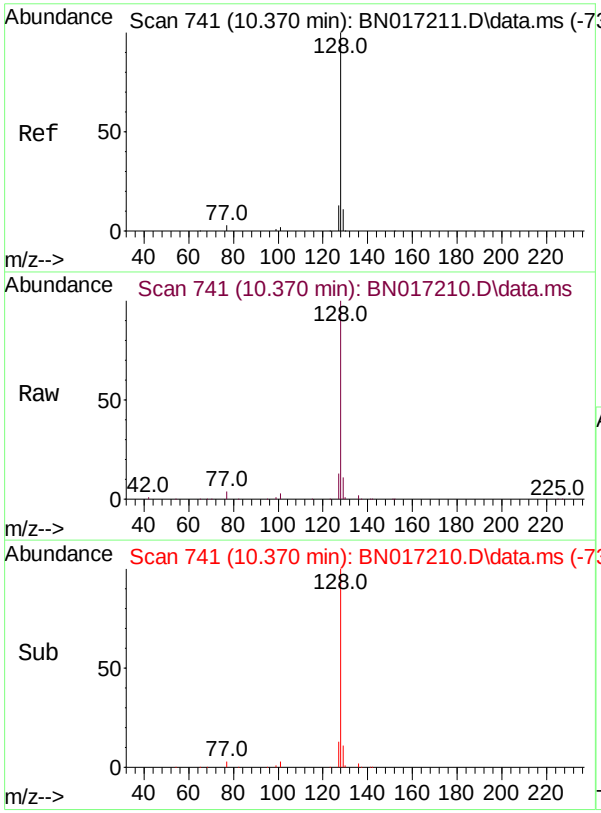


#8
Nitrobenzene-d5
Concen: 0.196 ng
RT: 8.697 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion: 82 Resp: 16060

Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.0	48.0
54	56.9	45.0	67.4



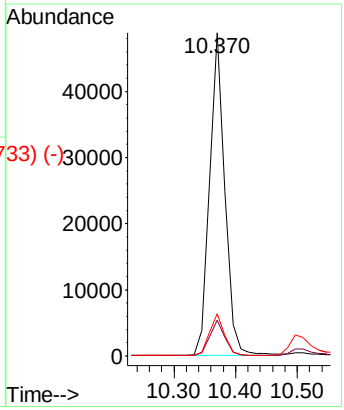


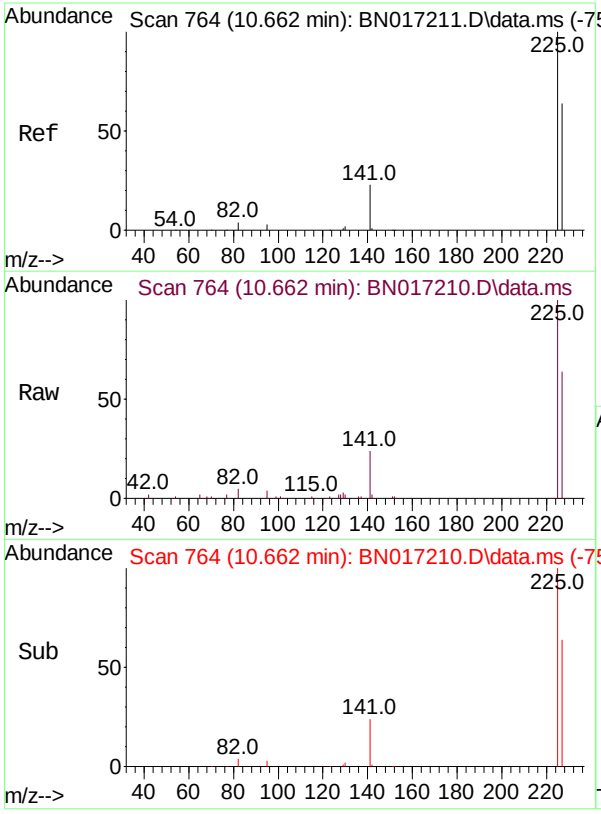
#9
Naphthalene
Concen: 0.229 ng
RT: 10.370 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 84003

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.3	15.5

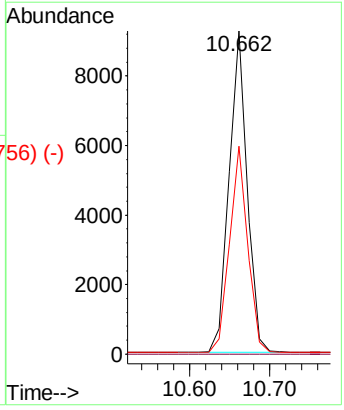


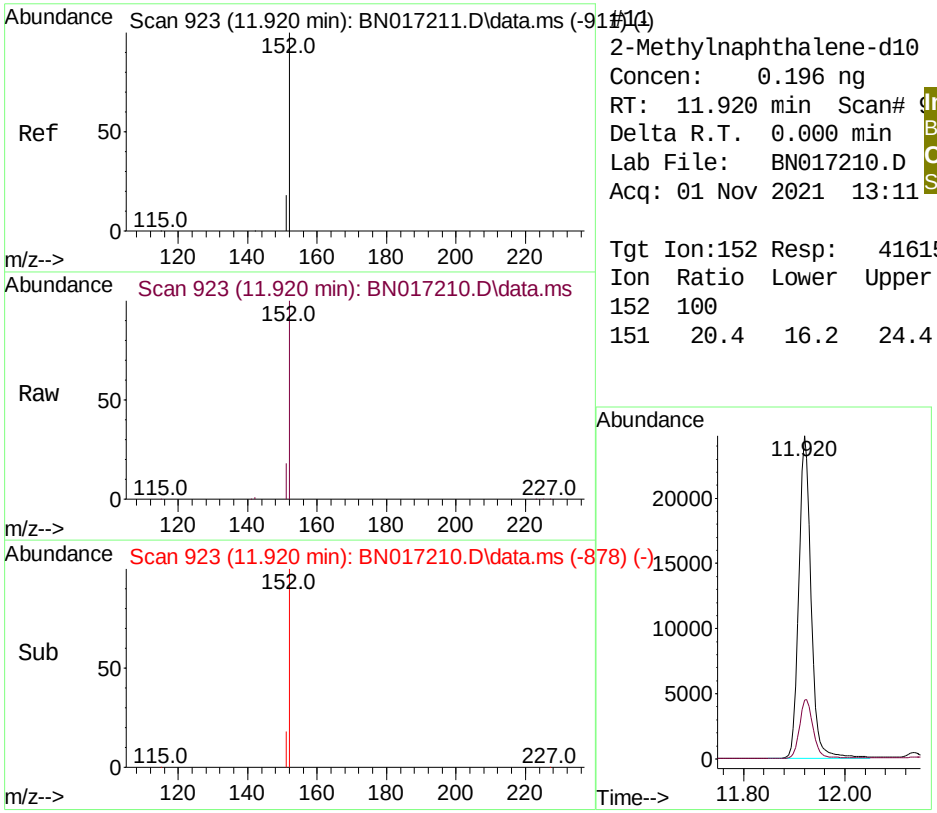


#10
Hexachlorobutadiene
Concen: 0.218 ng
RT: 10.662 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:225 Resp: 14734

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.6	76.0



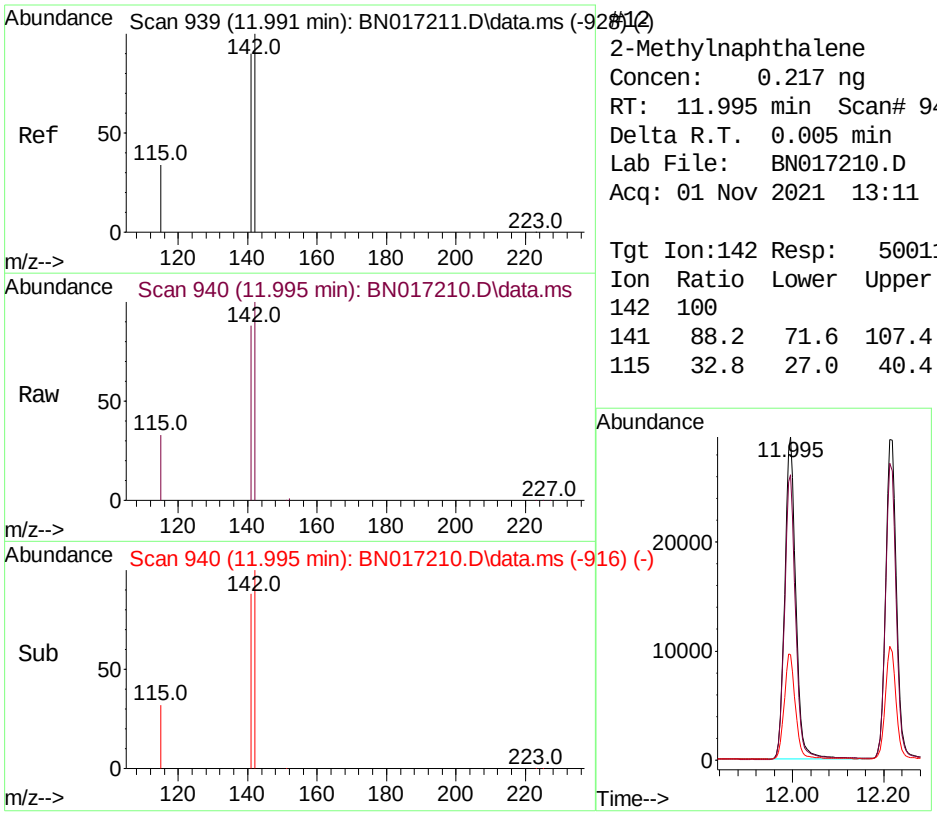


#11
2-Methylnaphthalene-d10
Concen: 0.196 ng
RT: 11.920 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 41615

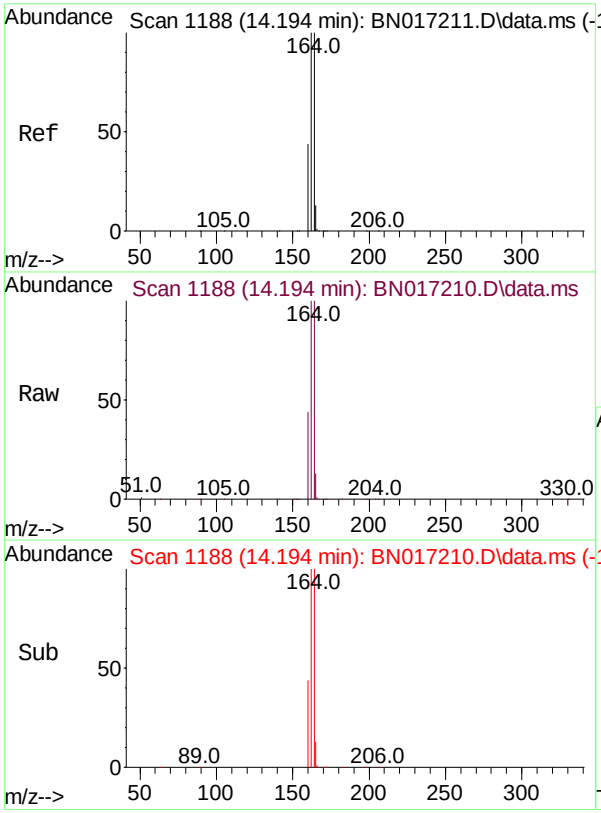
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



#12
2-Methylnaphthalene
Concen: 0.217 ng
RT: 11.995 min Scan# 940
Delta R.T. 0.005 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:142 Resp: 50011

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.6	107.4
115	32.8	27.0	40.4

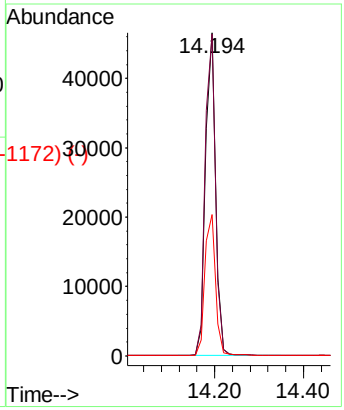


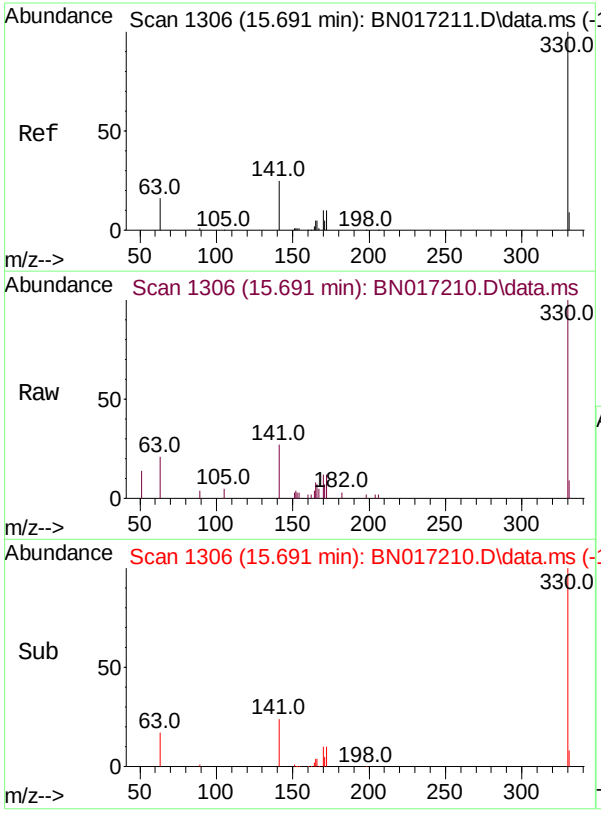
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.194 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 73176

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.8	119.8
160	43.7	35.4	53.2

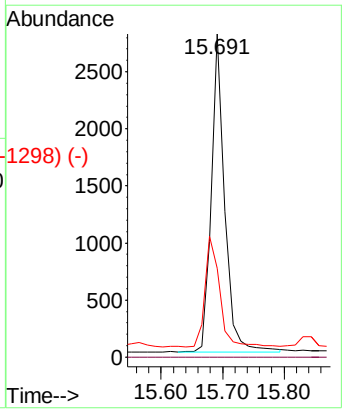


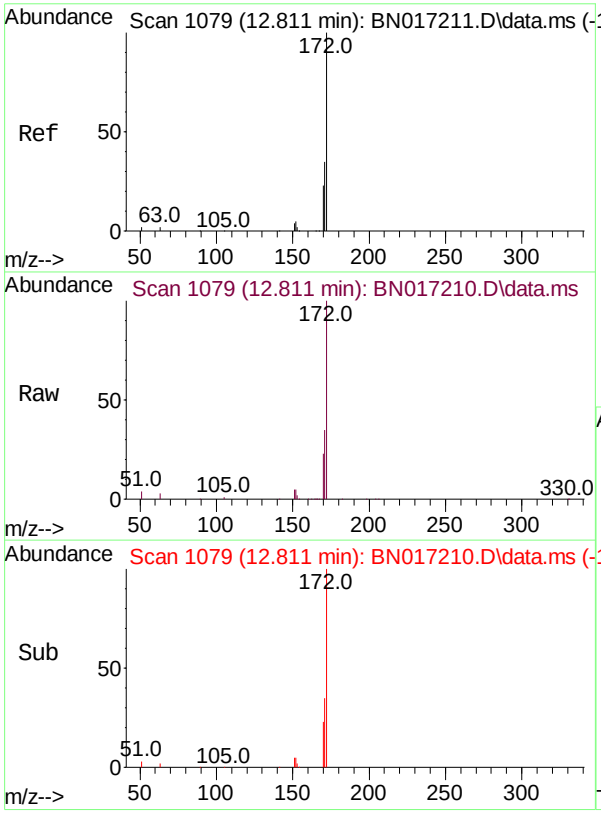


#14
2,4,6-Tribromophenol
Concen: 0.160 ng
RT: 15.691 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:330 Resp: 4210

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.7	31.4	47.2



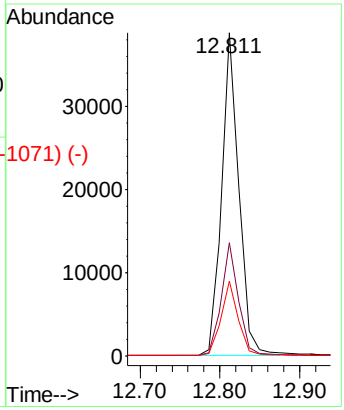


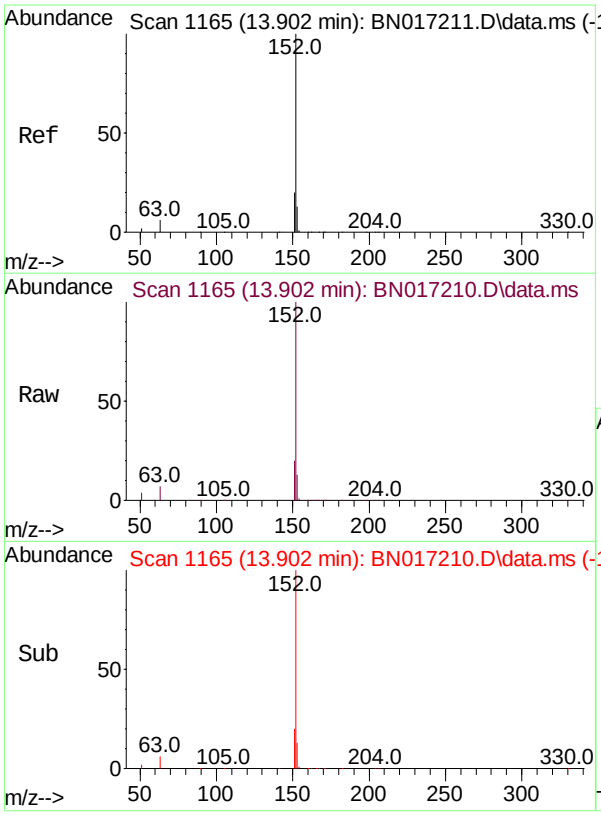
#15
2-Fluorobiphenyl
Concen: 0.216 ng
RT: 12.811 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 58976

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.1	18.4	27.6

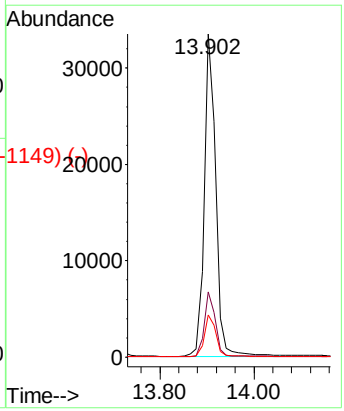


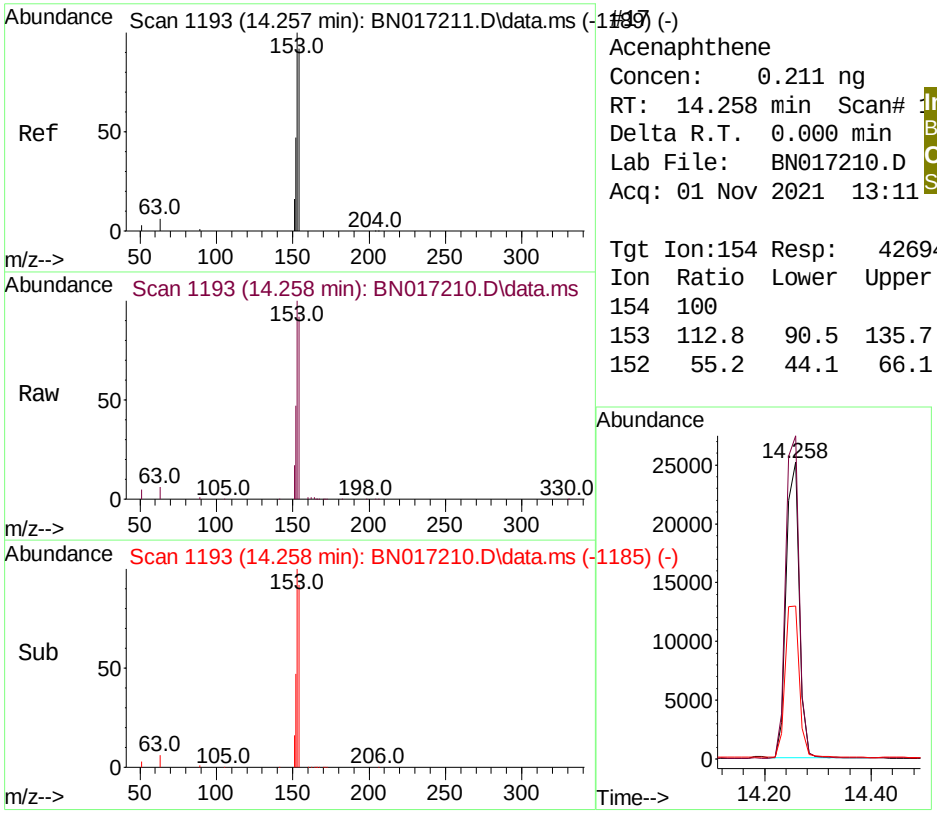


#16
Acenaphthylene
Concen: 0.194 ng
RT: 13.902 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:152 Resp: 56808

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.0	10.5	15.7



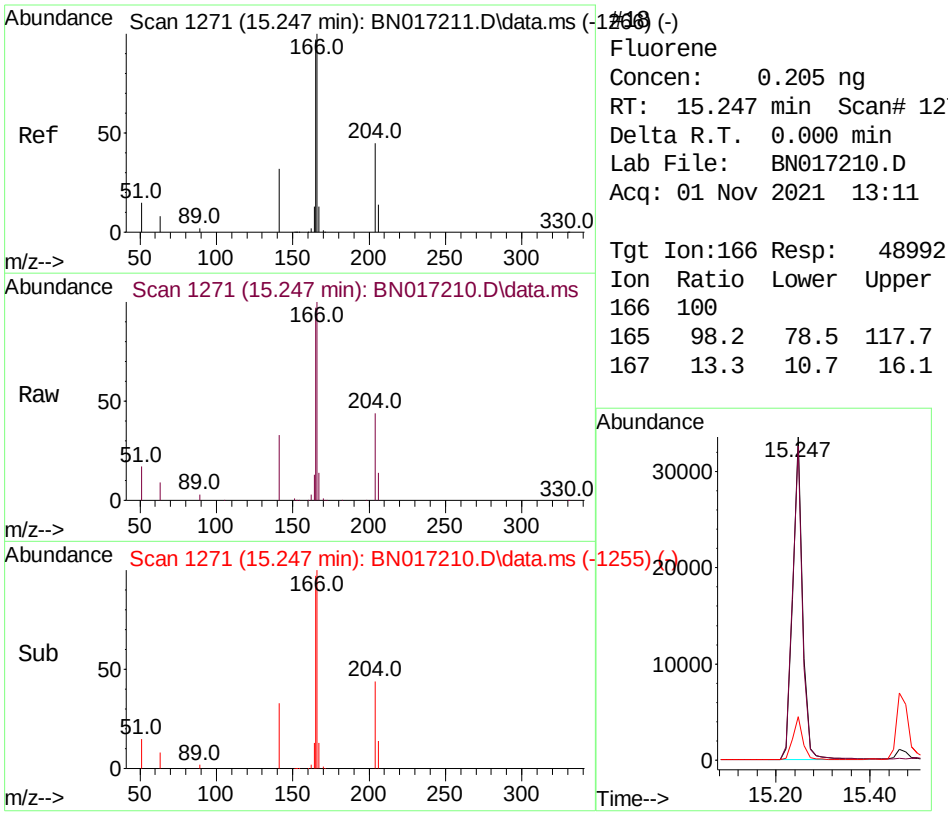


#97
Acenaphthene
Concen: 0.211 ng
RT: 14.258 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 42694

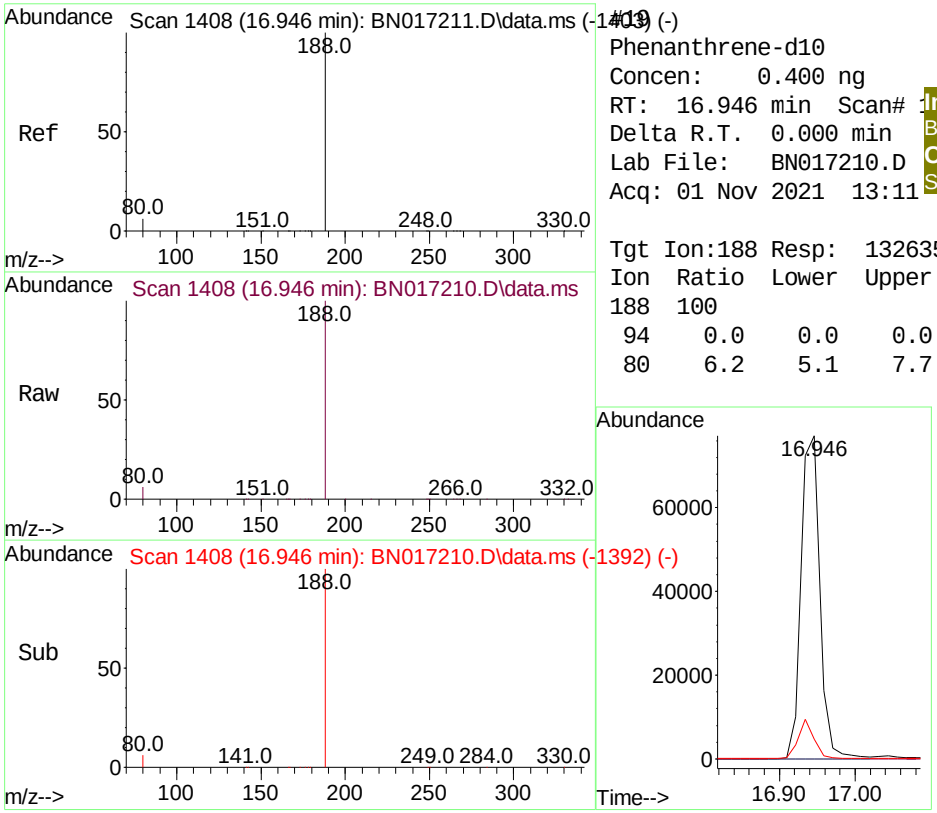
Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	55.2	44.1	66.1



#98
Fluorene
Concen: 0.205 ng
RT: 15.247 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:166 Resp: 48992

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.5	117.7
167	13.3	10.7	16.1

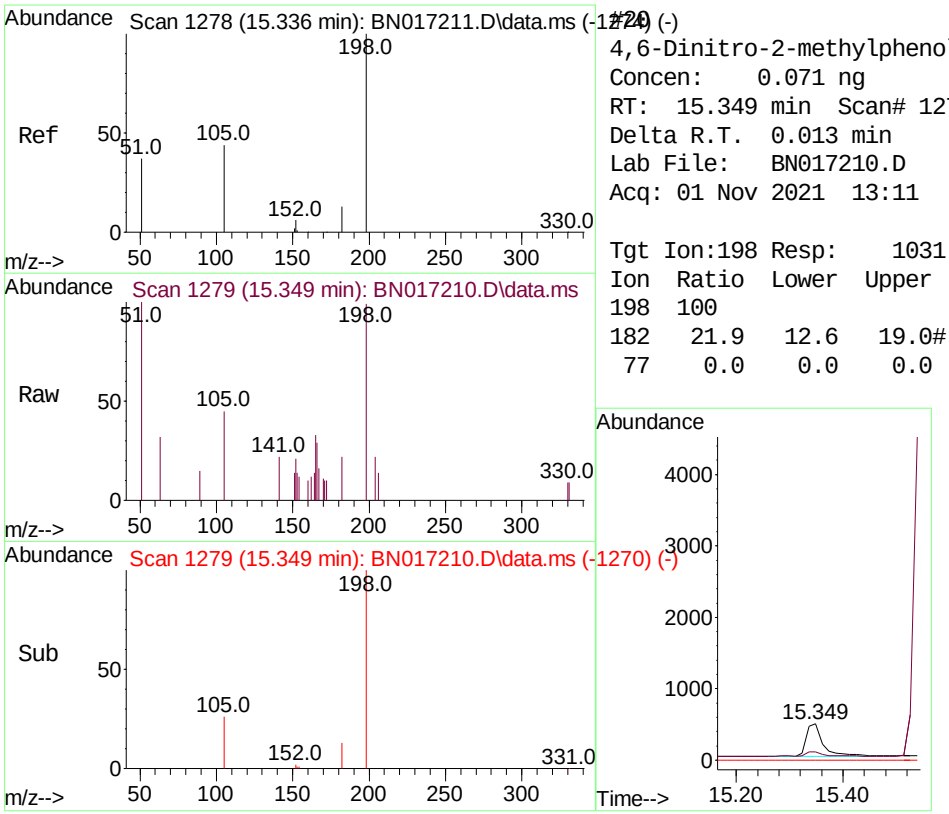


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.946 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 132635

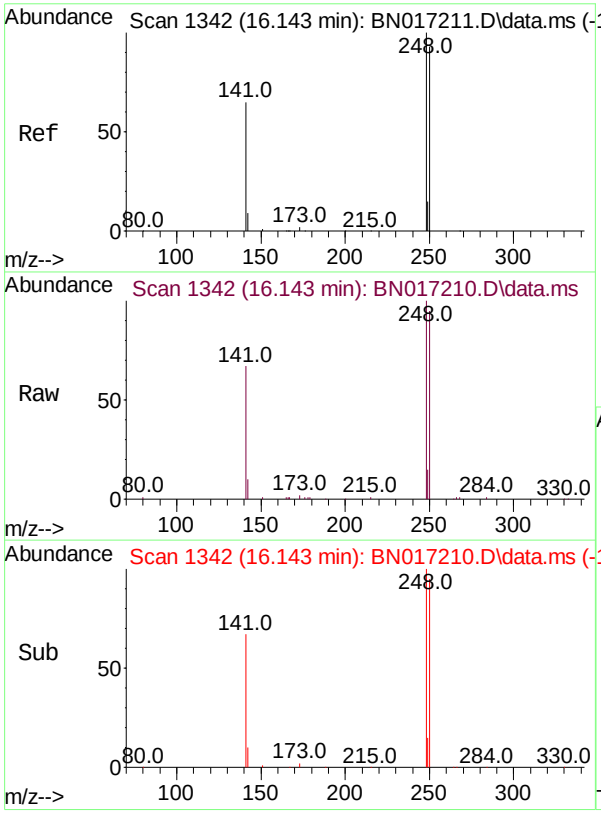
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	5.1	7.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.071 ng
RT: 15.349 min Scan# 1279
Delta R.T. 0.013 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:198 Resp: 1031

Ion	Ratio	Lower	Upper
198	100		
182	21.9	12.6	19.0#
77	0.0	0.0	0.0

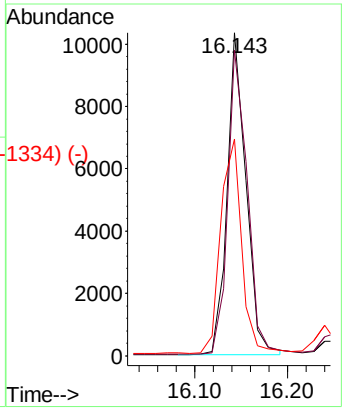


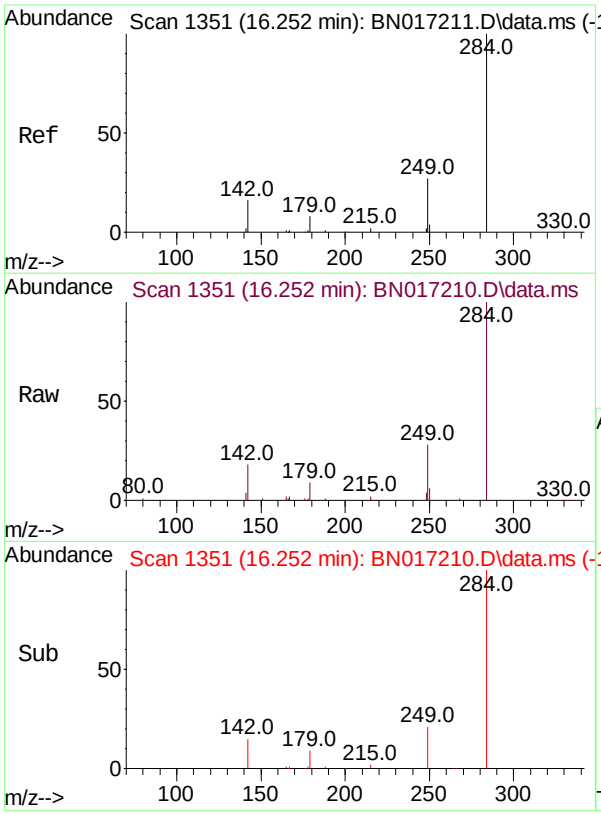
#21
4-Bromophenyl-phenylether
Concen: 0.199 ng
RT: 16.143 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 14516

Ion	Ratio	Lower	Upper
248	100		
250	94.7	74.7	112.1
141	67.2	51.9	77.9

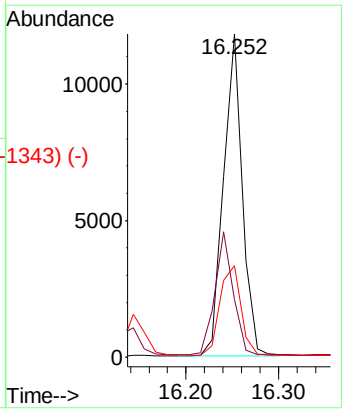


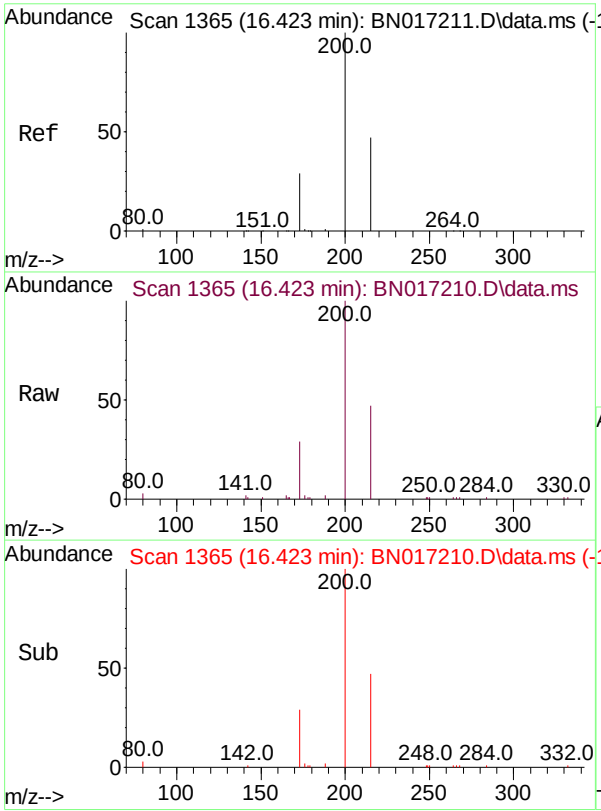


#22
Hexachlorobenzene
Concen: 0.208 ng
RT: 16.252 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:284 Resp: 16563

Ion	Ratio	Lower	Upper
284	100		
142	36.8	29.5	44.3
249	31.1	24.7	37.1



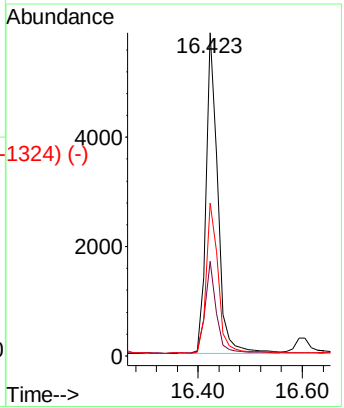


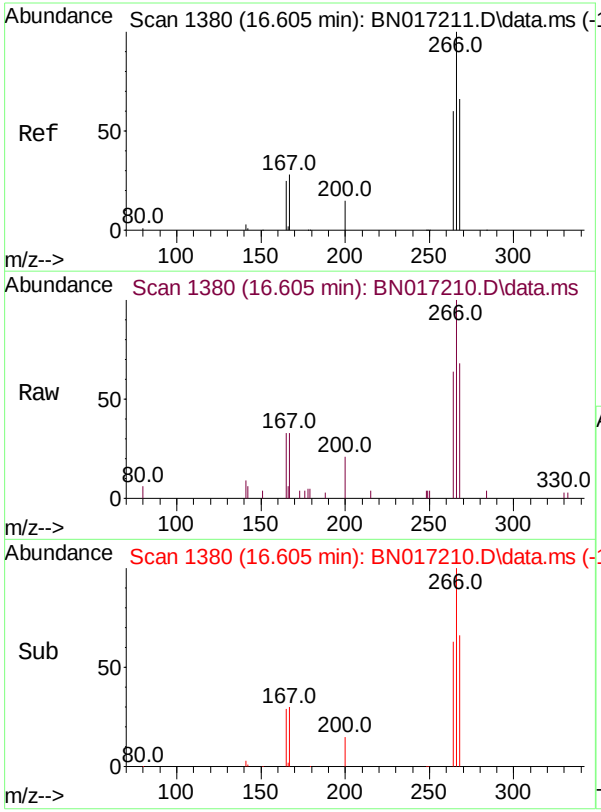
#23
Atrazine
Concen: 0.176 ng
RT: 16.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 9048

Ion	Ratio	Lower	Upper
200	100		
173	29.3	23.3	34.9
215	47.2	37.5	56.3

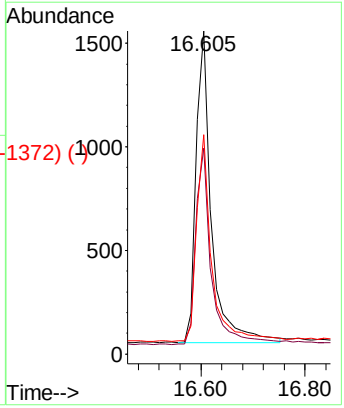


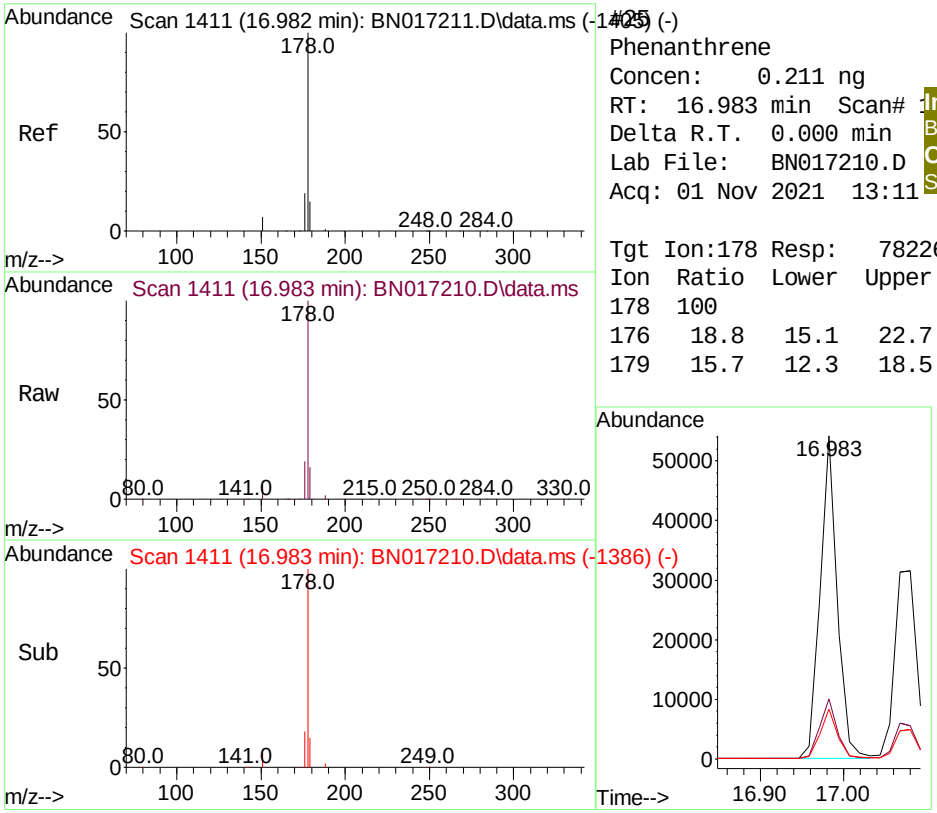


#24
Pentachlorophenol
Concen: 0.105 ng
RT: 16.605 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:266 Resp: 3074

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.8	74.6
268	64.4	51.2	76.8



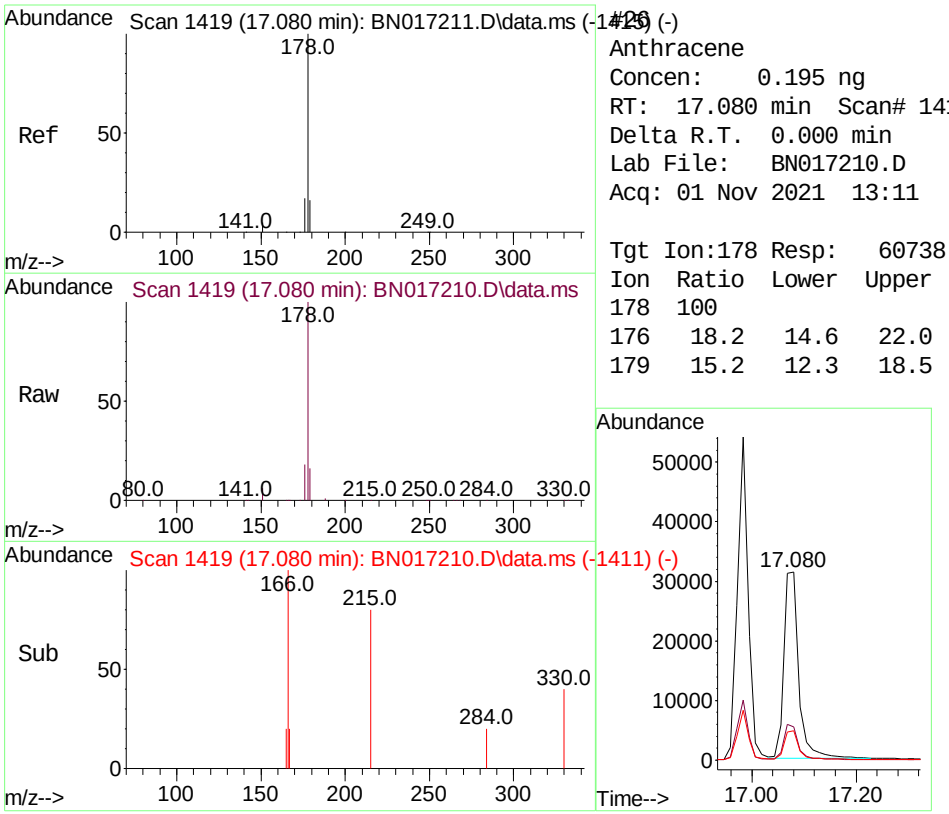


#25
Phenanthrene
Concen: 0.211 ng
RT: 16.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 78226

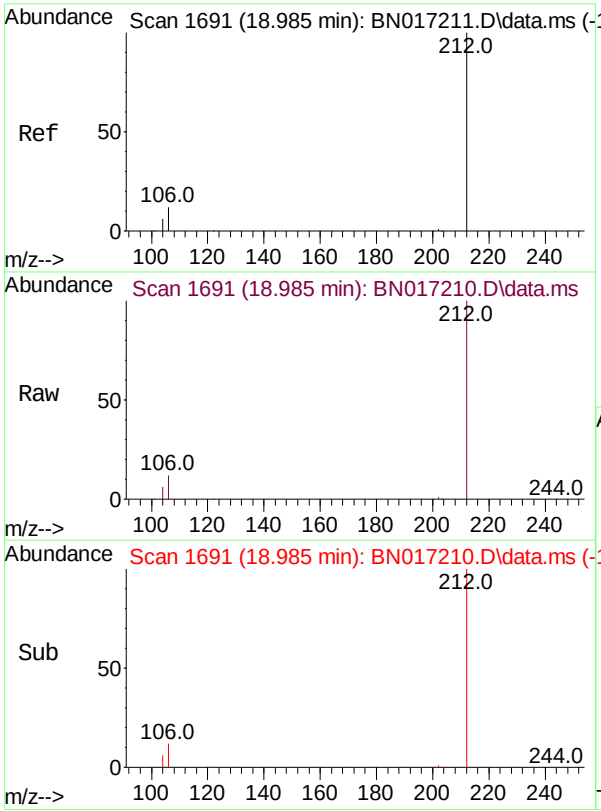
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.7	12.3	18.5



#26
Anthracene
Concen: 0.195 ng
RT: 17.080 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:178 Resp: 60738

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.2	12.3	18.5

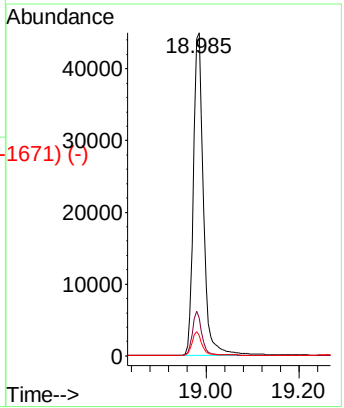


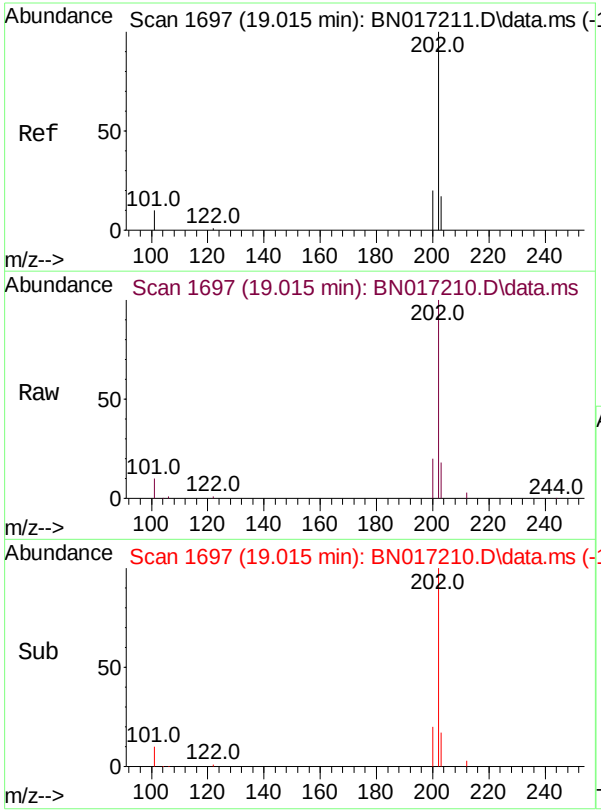
#27
Fluoranthene-d10
Concen: 0.181 ng
RT: 18.985 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 67357

Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.6	15.8
104	7.2	5.8	8.6

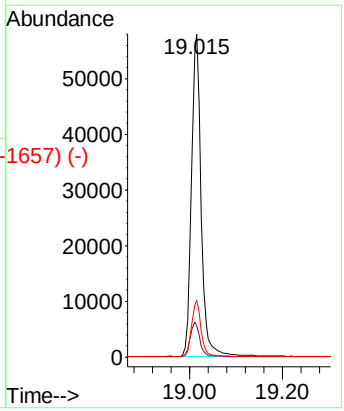


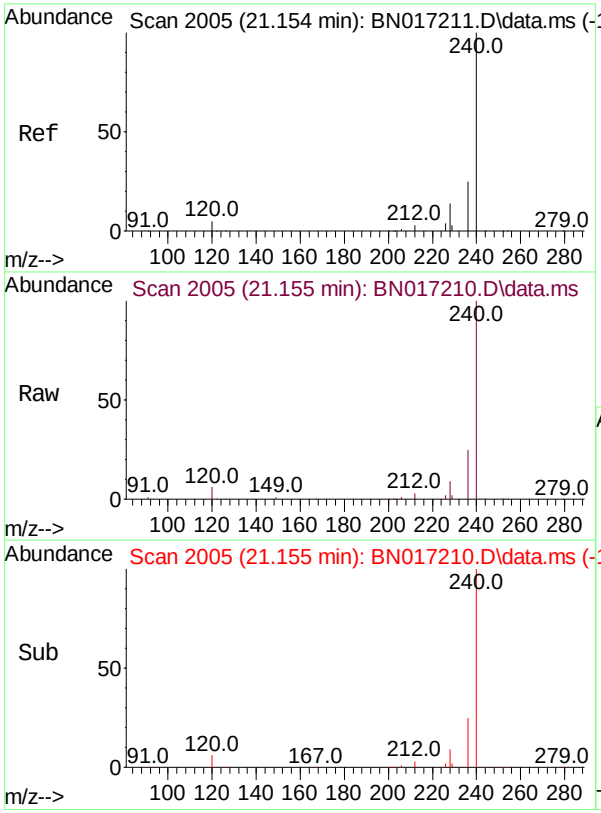


#28
Fluoranthene
Concen: 0.209 ng
RT: 19.015 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:202 Resp: 83967

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.0	13.8	20.6



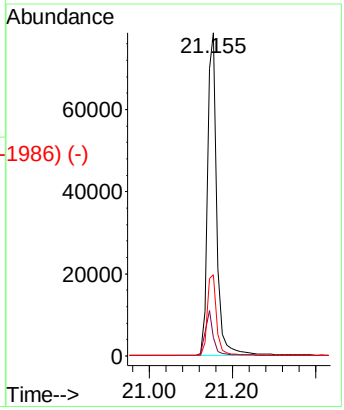


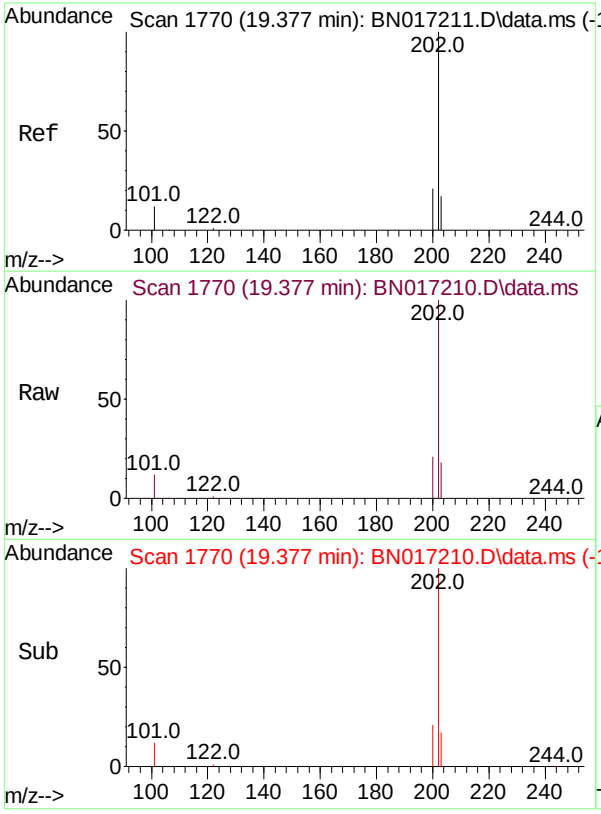
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.155 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 125300

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.2	6.4
236	25.1	20.2	30.2

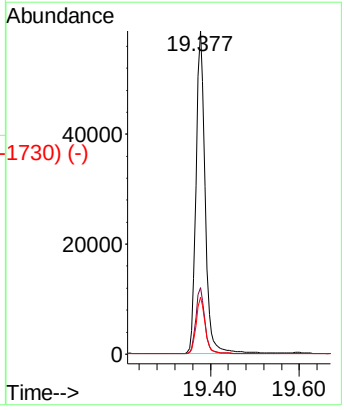


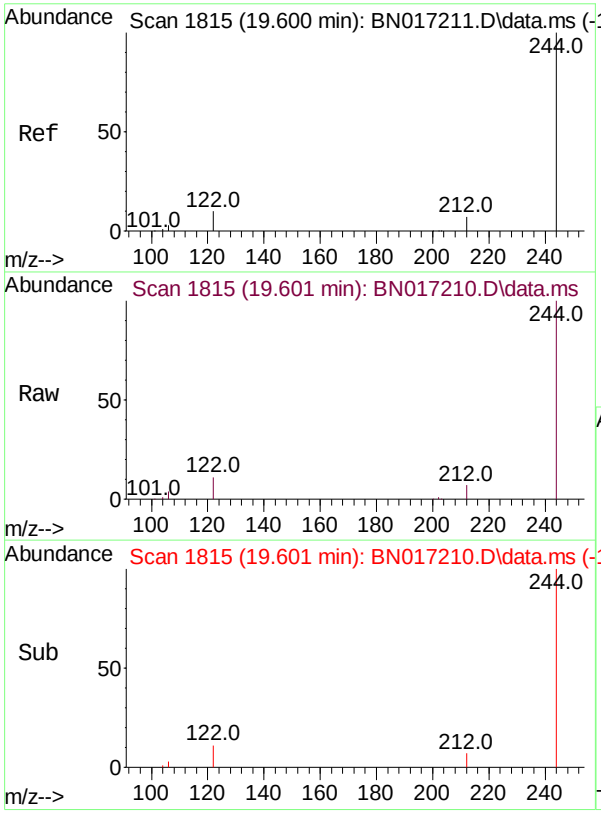


#30
Pyrene
Concen: 0.210 ng
RT: 19.377 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:202 Resp: 83007

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.3	13.9	20.9



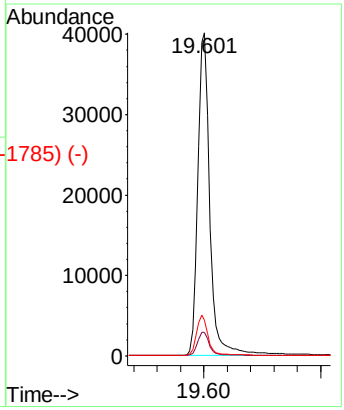


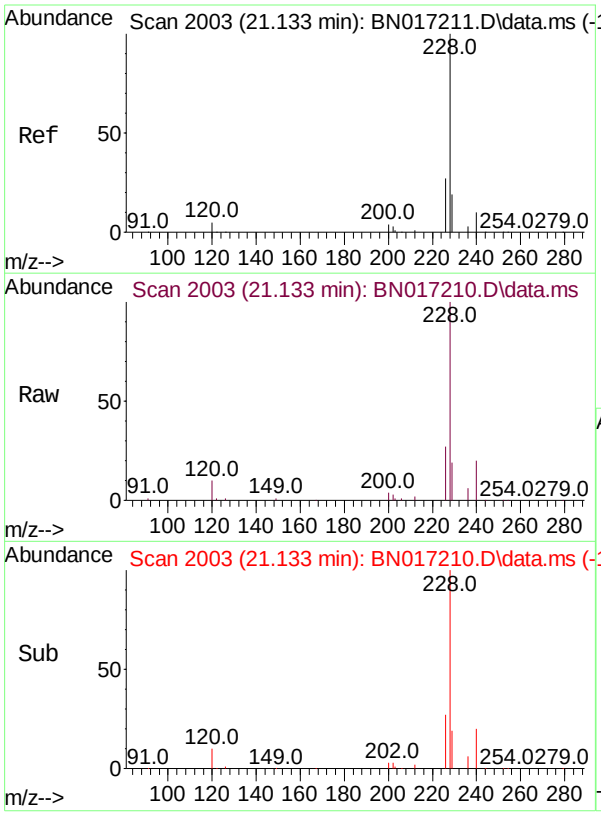
#34
Terphenyl-d14
Concen: 0.211 ng
RT: 19.601 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 56826

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.1	8.3	12.5

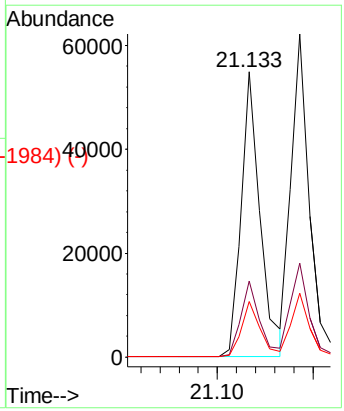


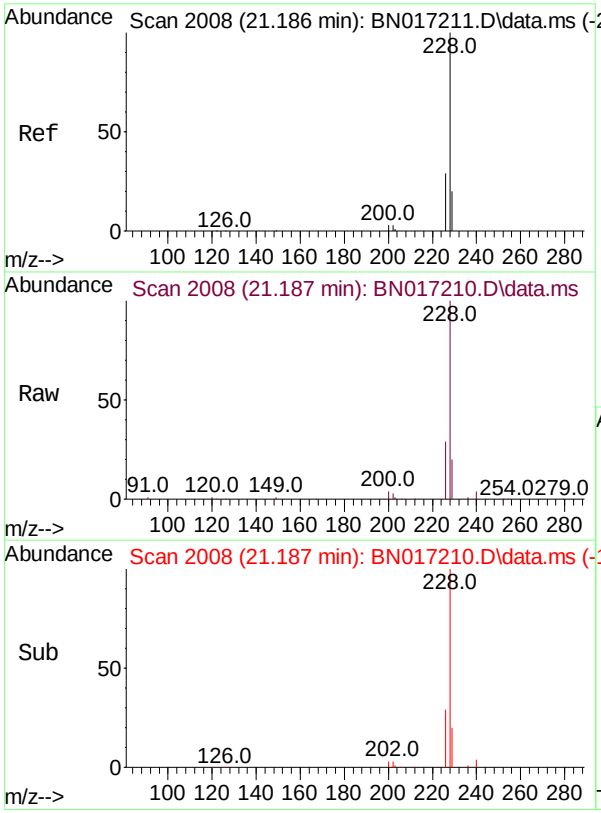


#32
Benzo(a)anthracene
Concen: 0.199 ng
RT: 21.133 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:228 Resp: 75475

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.6	32.4
229	19.4	15.5	23.3



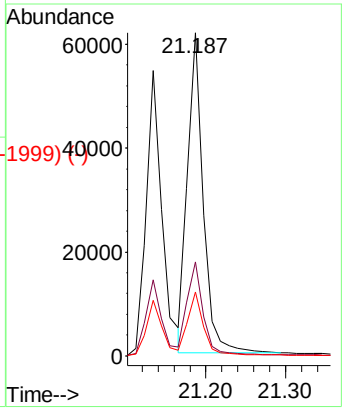


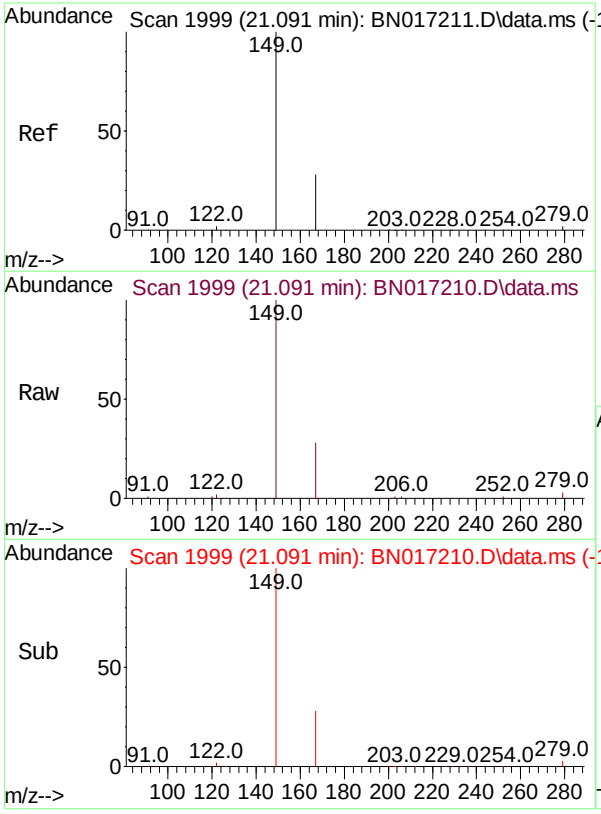
#33
Chrysene
Concen: 0.209 ng
RT: 21.187 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 83371

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	19.8	15.6	23.4

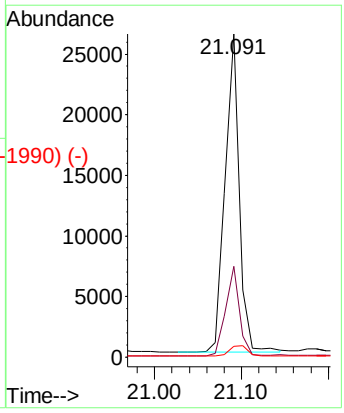


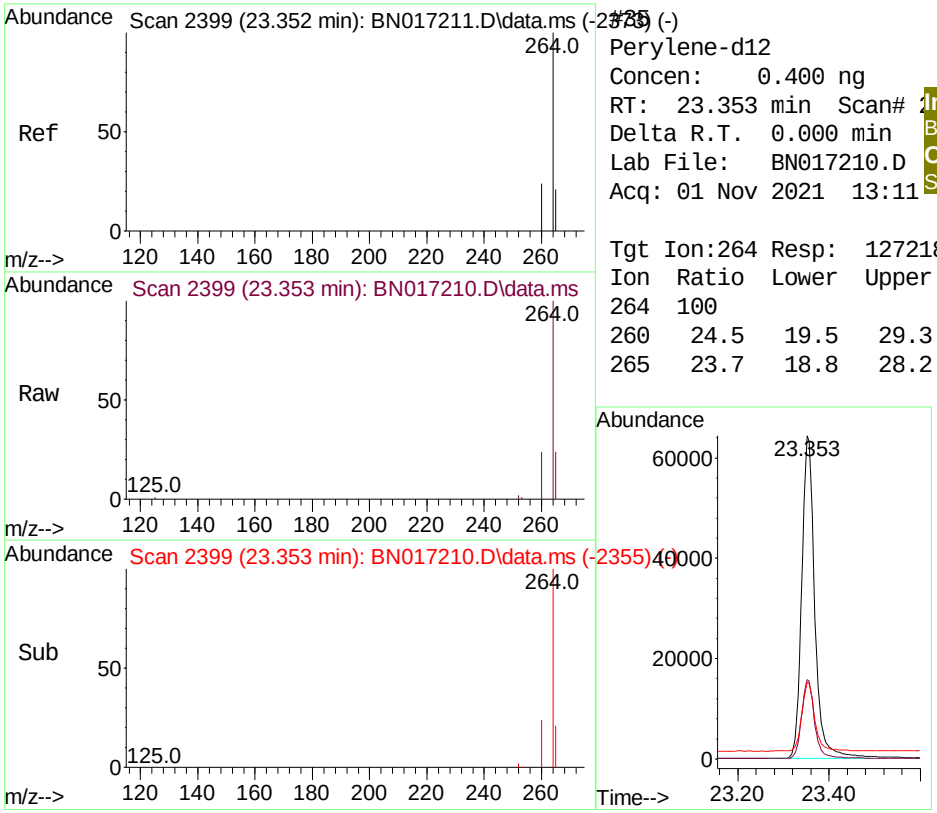


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.184 ng
RT: 21.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:149 Resp: 29430

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	4.0	3.1	4.7



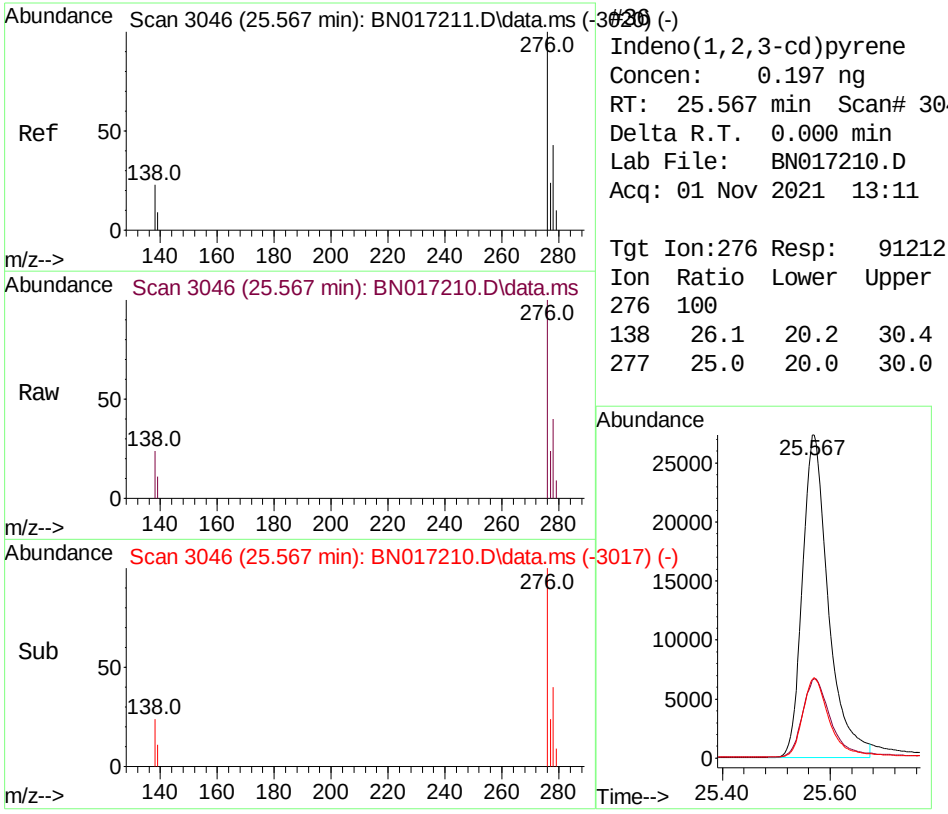


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.353 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 127218

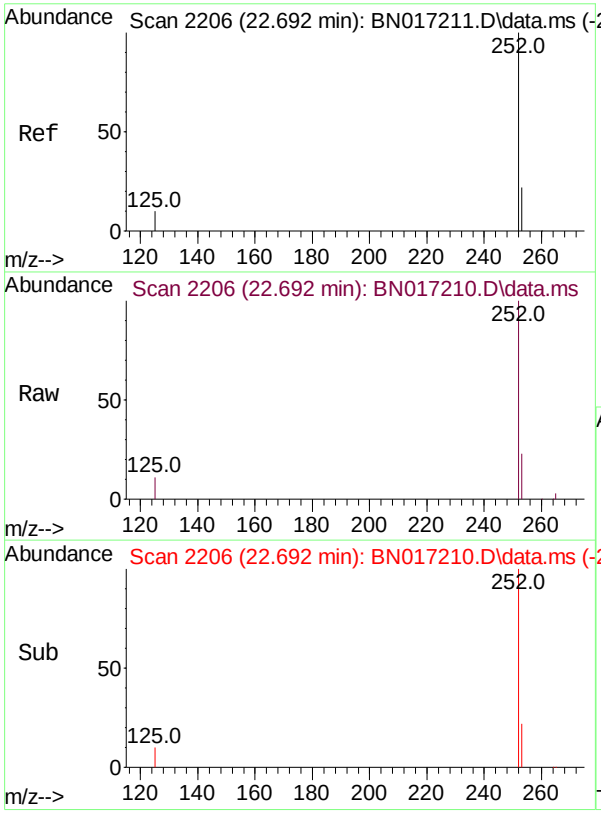
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	23.7	18.8	28.2



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng
RT: 25.567 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:276 Resp: 91212

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.2	30.4
277	25.0	20.0	30.0

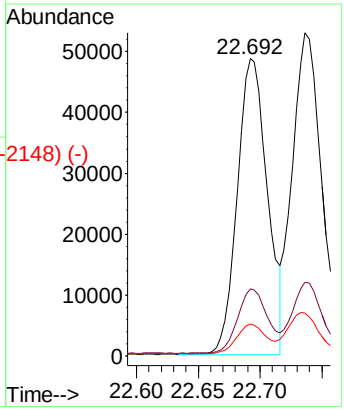


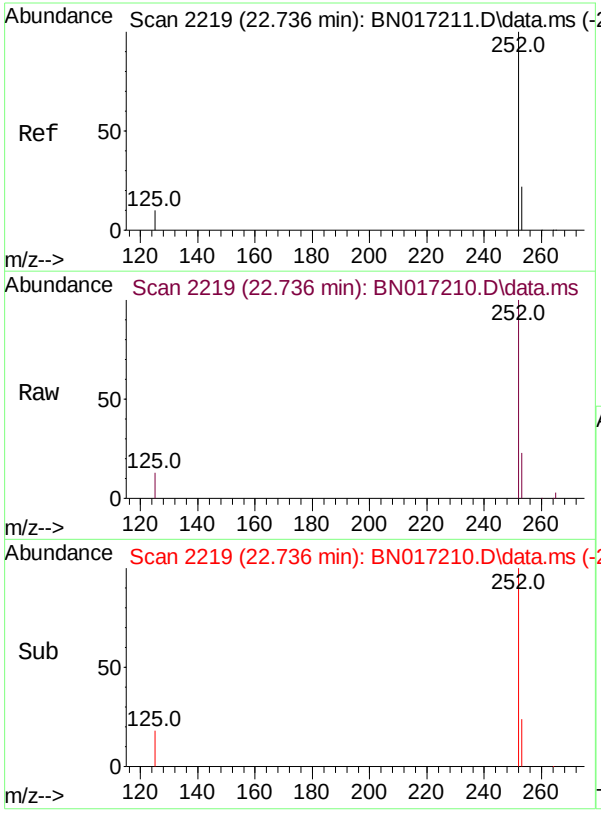
#37
Benzo(b)fluoranthene
Concen: 0.207 ng
RT: 22.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 82234

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.6	8.2	12.4

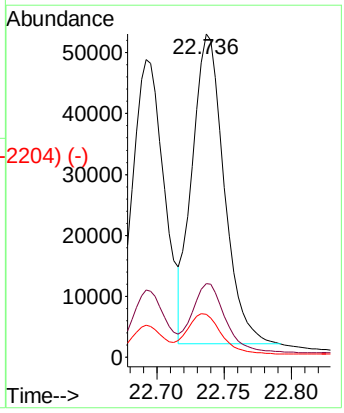


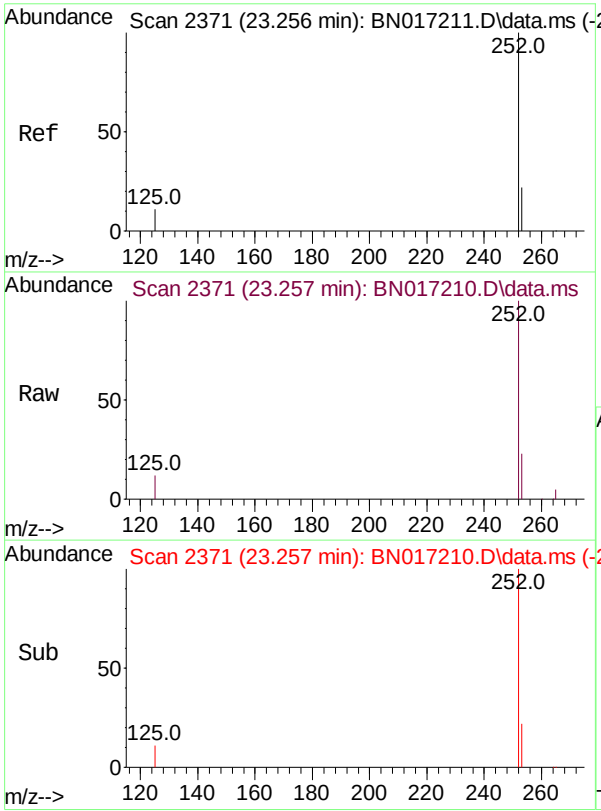


#38
Benzo(k)fluoranthene
Concen: 0.212 ng
RT: 22.736 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Tgt Ion:252 Resp: 83724

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	13.3	8.5	12.7#



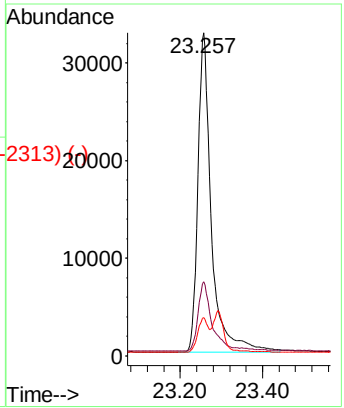


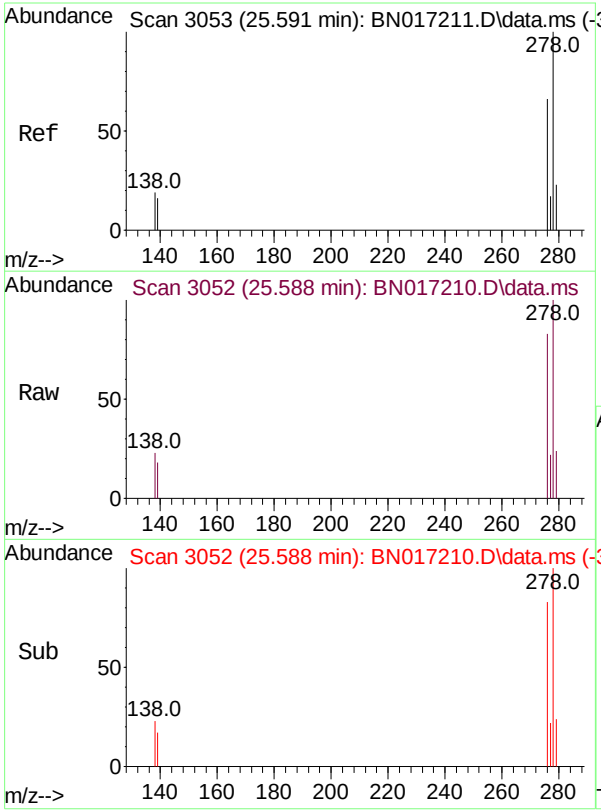
#39
Benzo(a)pyrene
Concen: 0.208 ng
RT: 23.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 74570

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.8	9.0	13.6

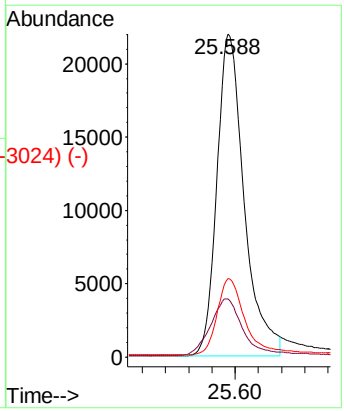


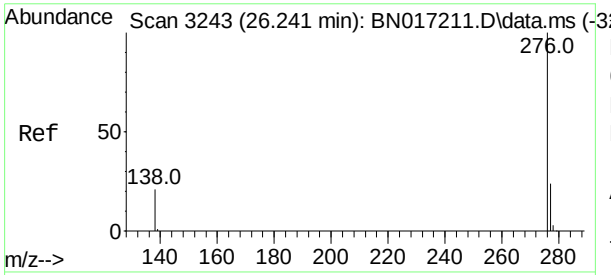


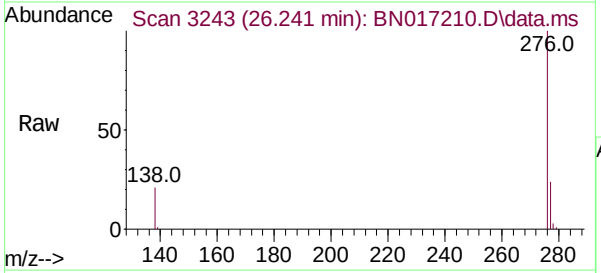
#40
Dibenzo(a,h)anthracene
Concen: 0.191 ng
RT: 25.588 min Scan# 3052
Delta R.T. -0.003 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

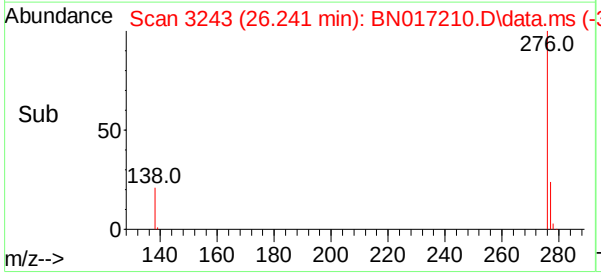
Tgt Ion:278 Resp: 71694

Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.9	19.3
279	24.4	19.0	28.4









#46
Benzo(g,h,i)perylene
Concen: 0.201 ng
RT: 26.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017210.D
Acq: 01 Nov 2021 13:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 81168

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	21.4	17.2	25.8