Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102121\
Data File : BN017023.D
Acq On : 20 Oct 2021 16:50
Operator : CG/JU
Sample : PB140014BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB140014BSD

Quant Time: Oct 20 17:19:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 20 15:04:54 2021
Response via : Initial Calibration

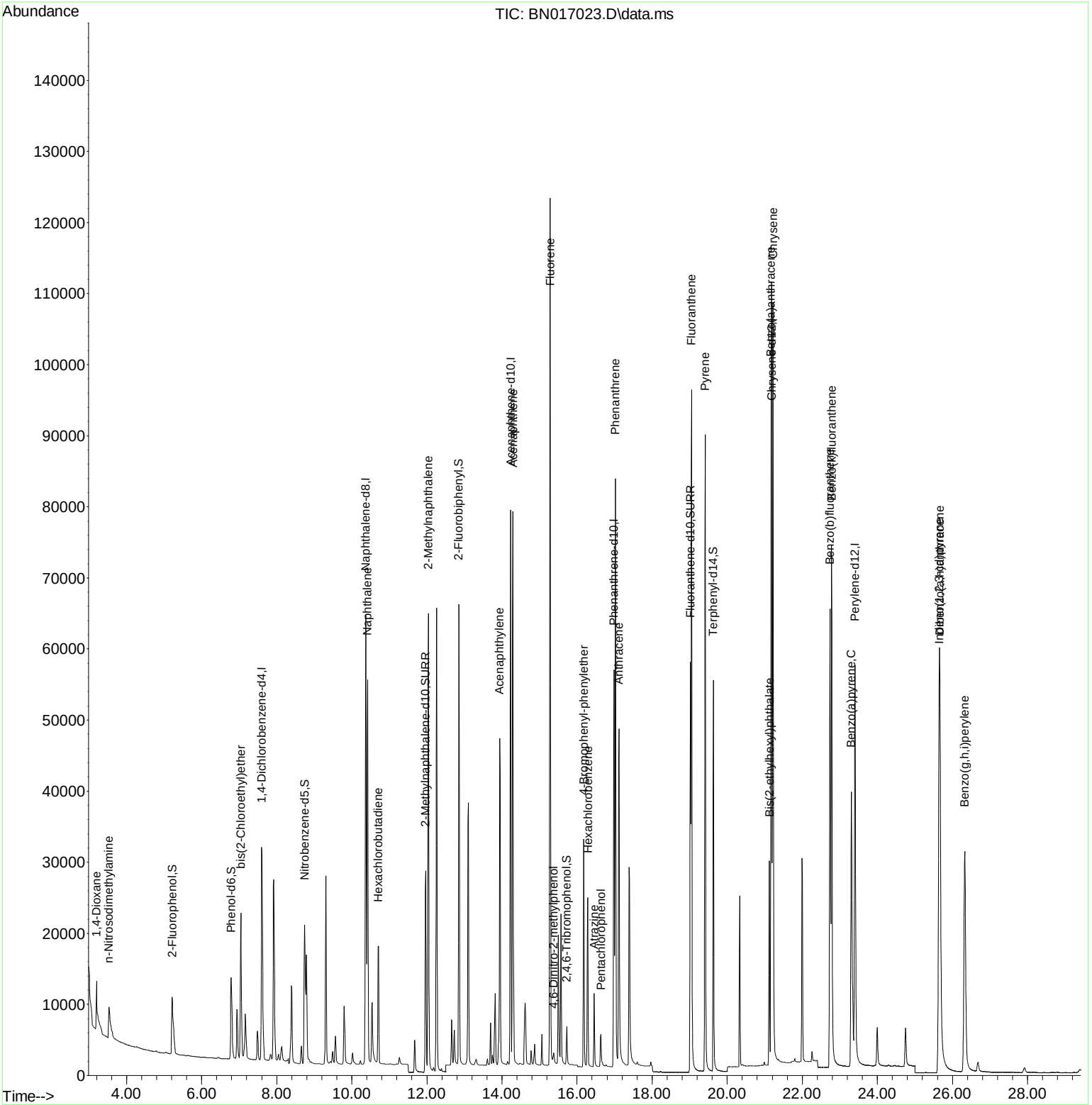
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.598	152	19526	0.400	ng		0.00
7) Naphthalene-d8	10.370	136	86011	0.400	ng		0.00
13) Acenaphthene-d10	14.232	164	44195	0.400	ng		0.00
19) Phenanthrene-d10	16.982	188	80455	0.400	ng		0.00
29) Chrysene-d12	21.186	240	77658	0.400	ng	#	0.00
35) Perylene-d12	23.404	264	77595	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.219	112	13317	0.325	ng		0.00
5) Phenol-d6	6.786	99	14359	0.306	ng		0.00
8) Nitrobenzene-d5	8.748	82	18040	0.324	ng		0.00
11) 2-Methylnaphthalene-d10	11.964	152	40143	0.329	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	4728	0.333	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	58560	0.353	ng		0.00
27) Fluoranthene-d10	19.020	212	65602	0.326	ng		0.00
31) Terphenyl-d14	19.630	244	58407	0.340	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	4131	0.326	ng		99
3) n-Nitrosodimethylamine	3.531	42	5133	0.340	ng	#	98
6) bis(2-Chloroethyl)ether	7.044	93	18519	0.343	ng		99
9) Naphthalene	10.421	128	76637	0.343	ng		100
10) Hexachlorobutadiene	10.712	225	15543	0.351	ng	#	100
12) 2-Methylnaphthalene	12.040	142	48871	0.339	ng		100
16) Acenaphthylene	13.940	152	58206	0.326	ng		100
17) Acenaphthene	14.295	154	41969	0.343	ng		99
18) Fluorene	15.285	166	49704	0.337	ng		100
20) 4,6-Dinitro-2-methylph...	15.374	198	1219	0.295	ng	#	87
21) 4-Bromophenyl-phenylether	16.179	248	15966	0.340	ng		98
22) Hexachlorobenzene	16.289	284	19744	0.366	ng		100
23) Atrazine	16.459	200	8300	0.324	ng		99
24) Pentachlorophenol	16.642	266	3100	0.362	ng		99
25) Phenanthrene	17.019	178	81004	0.354	ng		100
26) Anthracene	17.116	178	62477	0.324	ng		100
28) Fluoranthene	19.049	202	86610	0.349	ng		100
30) Pyrene	19.412	202	83961	0.343	ng		100
32) Benzo(a)anthracene	21.165	228	75374	0.328	ng		99
33) Chrysene	21.218	228	87344	0.346	ng		99
34) Bis(2-ethylhexyl)phtha...	21.123	149	23626	0.366	ng		100
36) Indeno(1,2,3-cd)pyrene	25.646	276	84970	0.321	ng		99
37) Benzo(b)fluoranthene	22.736	252	81173	0.320	ng		100
38) Benzo(k)fluoranthene	22.781	252	87978	0.349	ng	#	98
39) Benzo(a)pyrene	23.308	252	70446	0.318	ng		100
40) Dibenzo(a,h)anthracene	25.666	278	66523	0.314	ng		99
41) Benzo(g,h,i)perylene	26.330	276	71166	0.301	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102121\
Data File : BN017023.D
Acq On : 20 Oct 2021 16:50
Operator : CG/JU
Sample : PB140014BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140014BSD

Quant Time: Oct 20 17:19:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 20 15:04:54 2021
Response via : Initial Calibration



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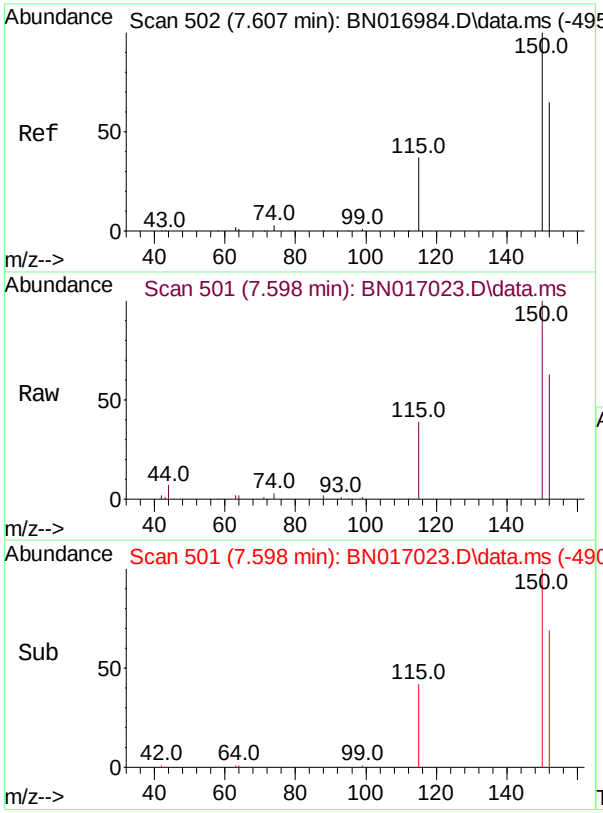
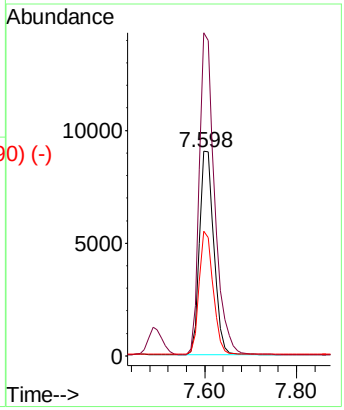
PB140014BSD

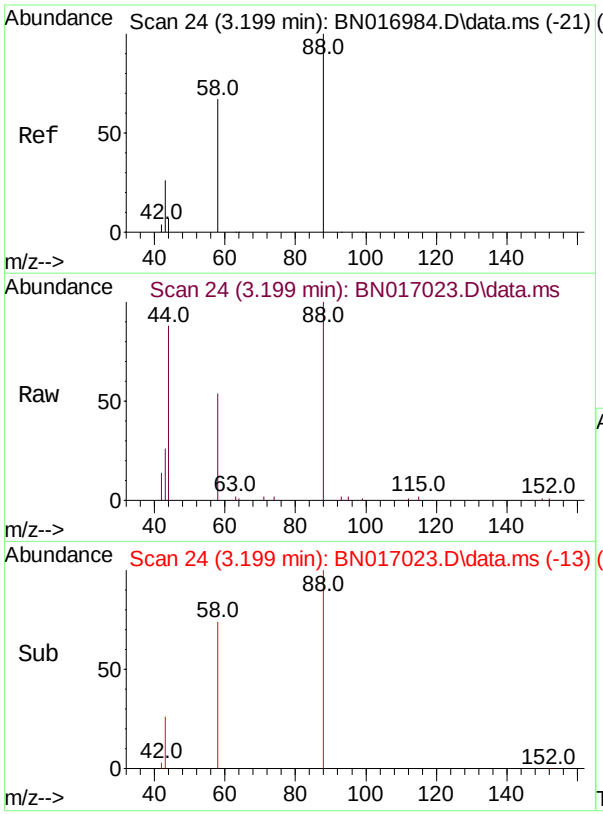


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.598 min Scan# 501
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:152 Resp: 19526

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.4
115	61.1	46.3	69.5

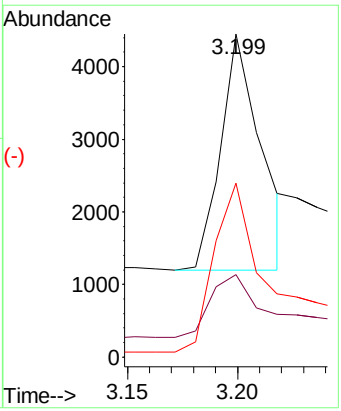




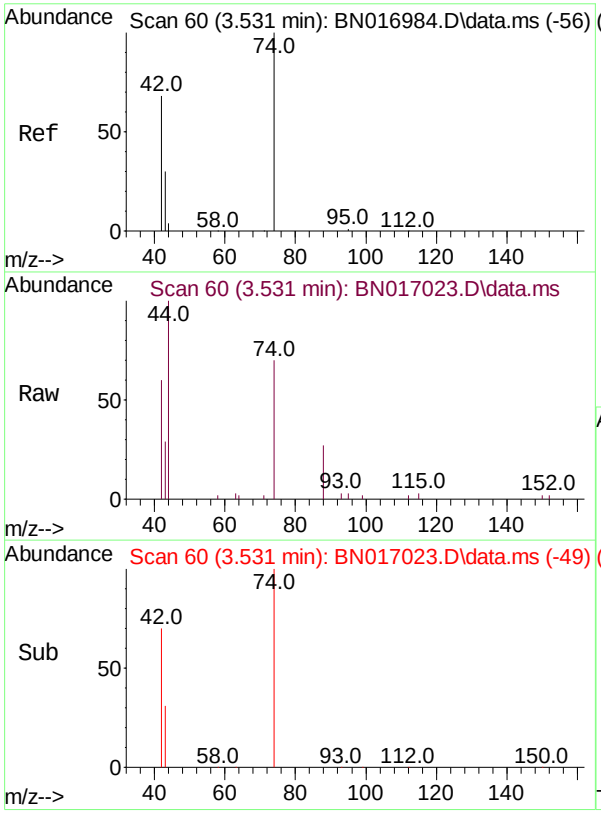
#2
1,4-Dioxane
Concen: 0.326 ng
RT: 3.199 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion: 88 Resp: 4131

Ion	Ratio	Lower	Upper
88	100		
43	31.4	26.8	40.2
58	79.2	63.0	94.4



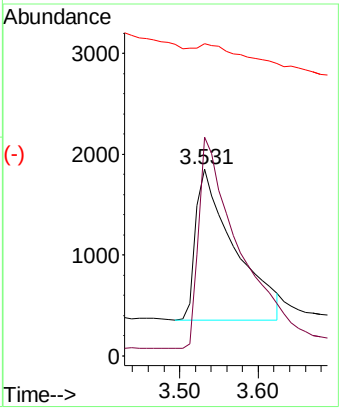
Instrument :
BNA_N
ClientSampleId :
PB140014BSD

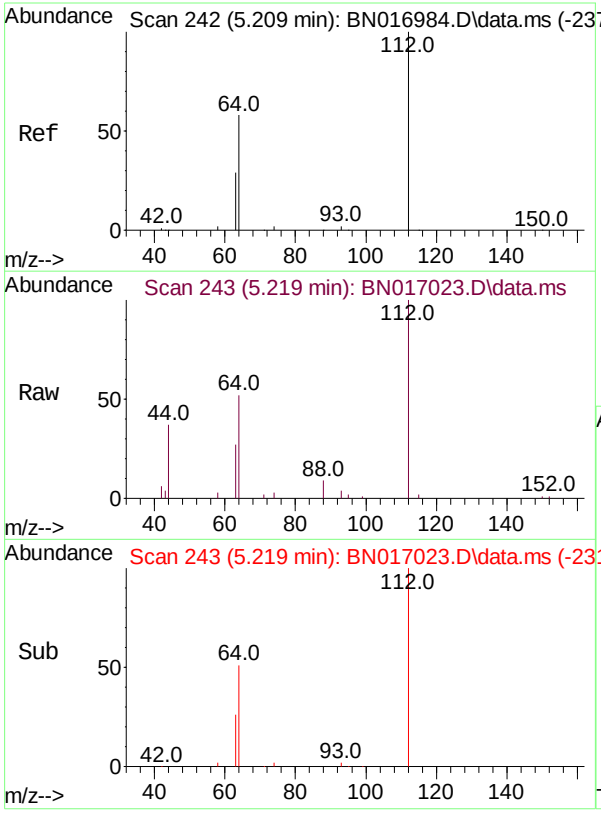


#3
n-Nitrosodimethylamine
Concen: 0.340 ng
RT: 3.531 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion: 42 Resp: 5133

Ion	Ratio	Lower	Upper
42	100		
74	141.5	114.7	172.1
44	0.0	3.8	5.6#

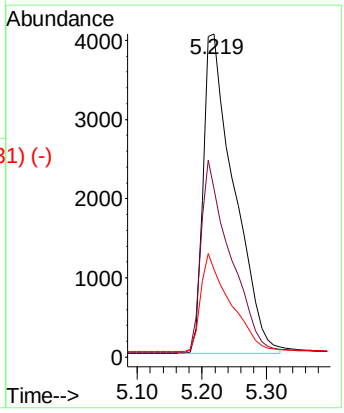




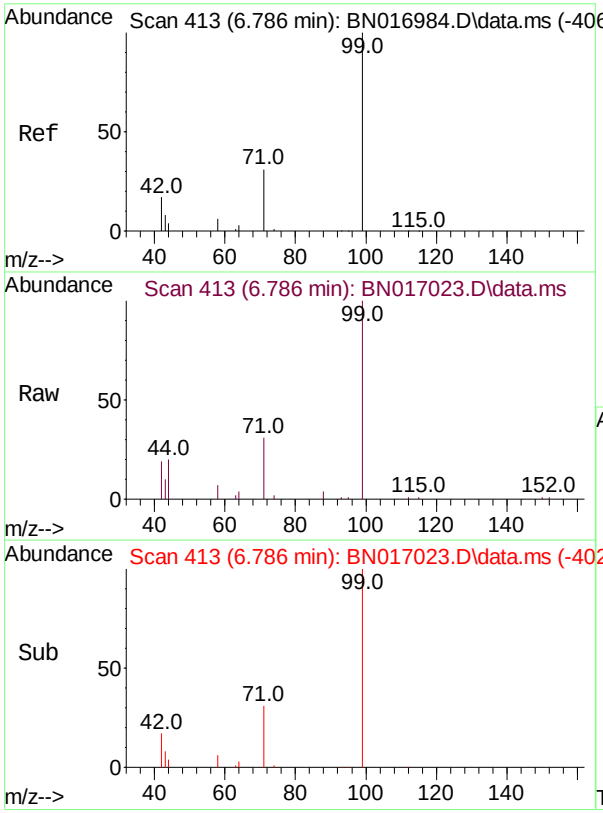
#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.219 min Scan# 243
Delta R.T. 0.009 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:112 Resp: 13317

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.5	68.3
63	29.0	23.0	34.6



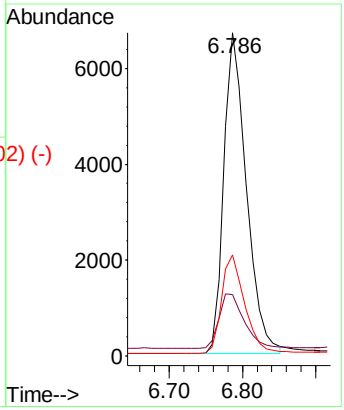
Instrument :
BNA_N
ClientSampleId :
PB140014BSD

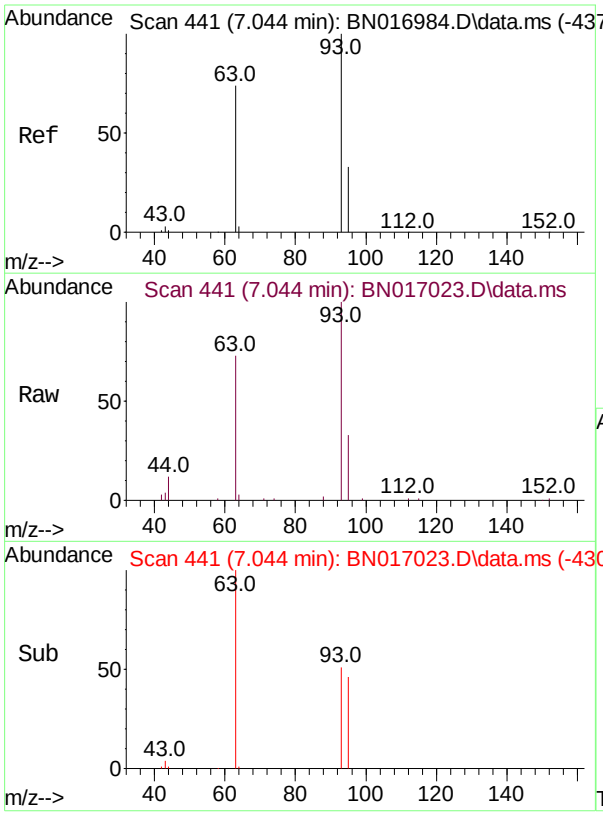


#5
Phenol-d6
Concen: 0.306 ng
RT: 6.786 min Scan# 413
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion: 99 Resp: 14359

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	21.8
71	31.1	24.8	37.2

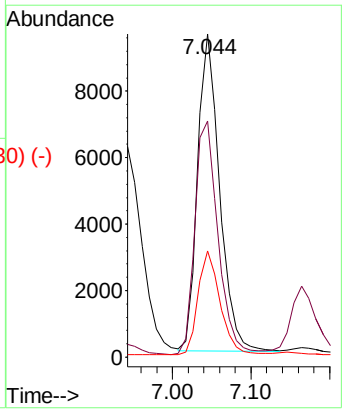




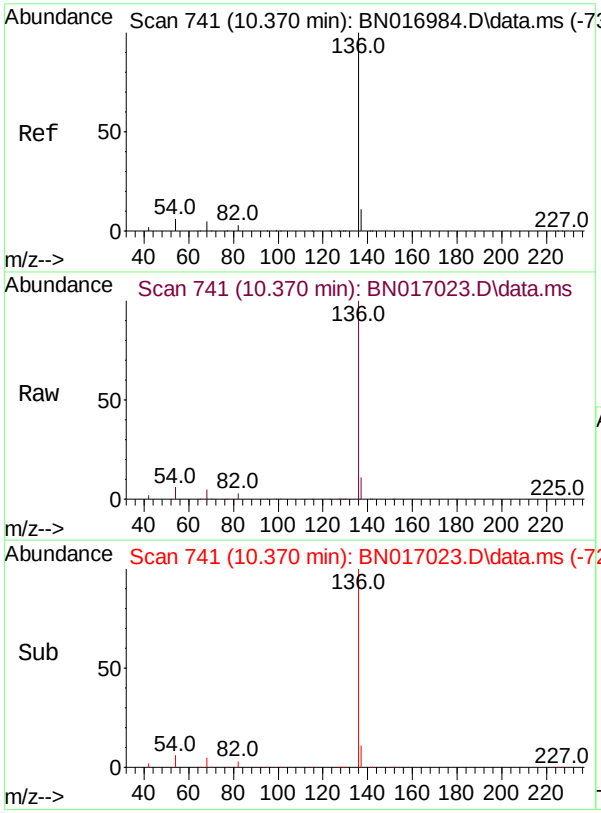
#6
bis(2-Chloroethyl)ether
Concen: 0.343 ng
RT: 7.044 min Scan# 441
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion: 93 Resp: 18519

Ion	Ratio	Lower	Upper
93	100		
63	77.6	60.9	91.3
95	32.9	26.4	39.6



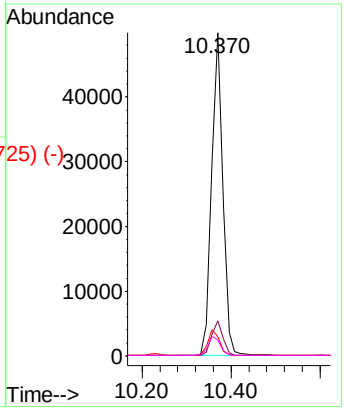
Instrument :
BNA_N
ClientSampleId :
PB140014BSD

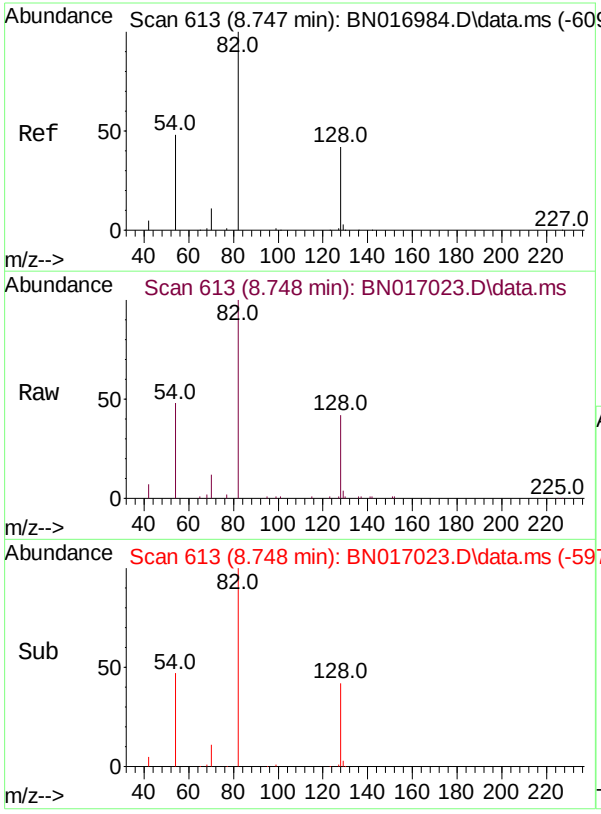


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.370 min Scan# 741
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:136 Resp: 86011

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.0	5.2	7.8
68	5.0	4.4	6.6

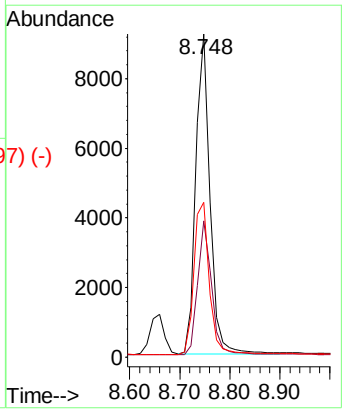




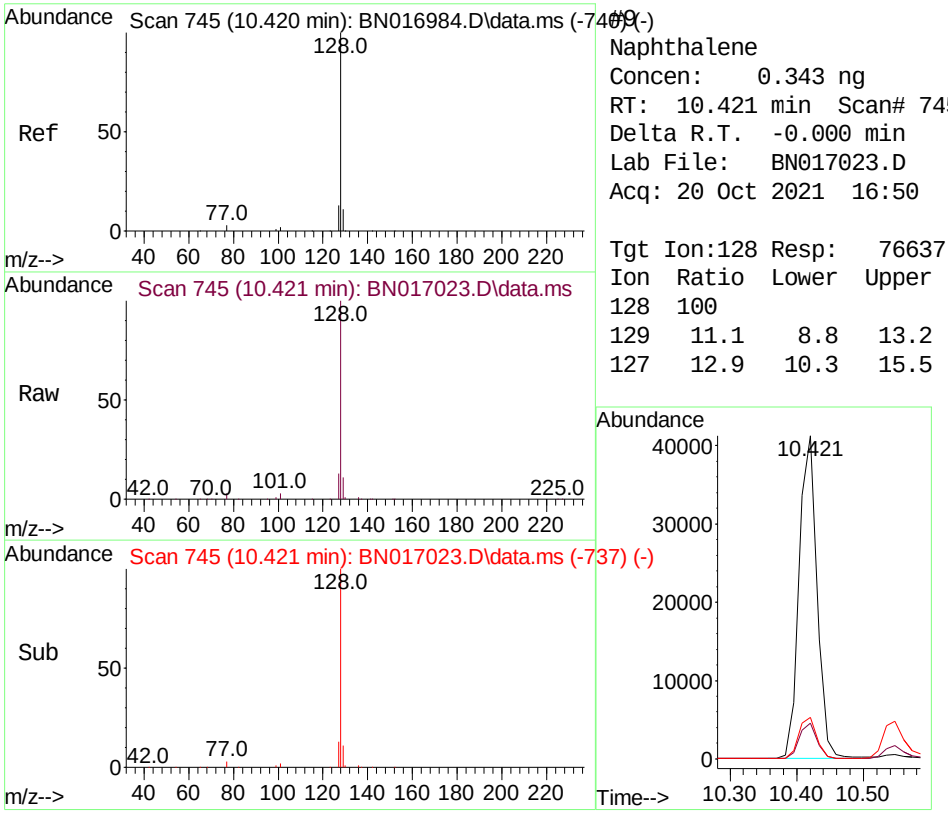
#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.748 min Scan# 613
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion: 82 Resp: 18040

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.9	50.9
54	47.8	38.3	57.5



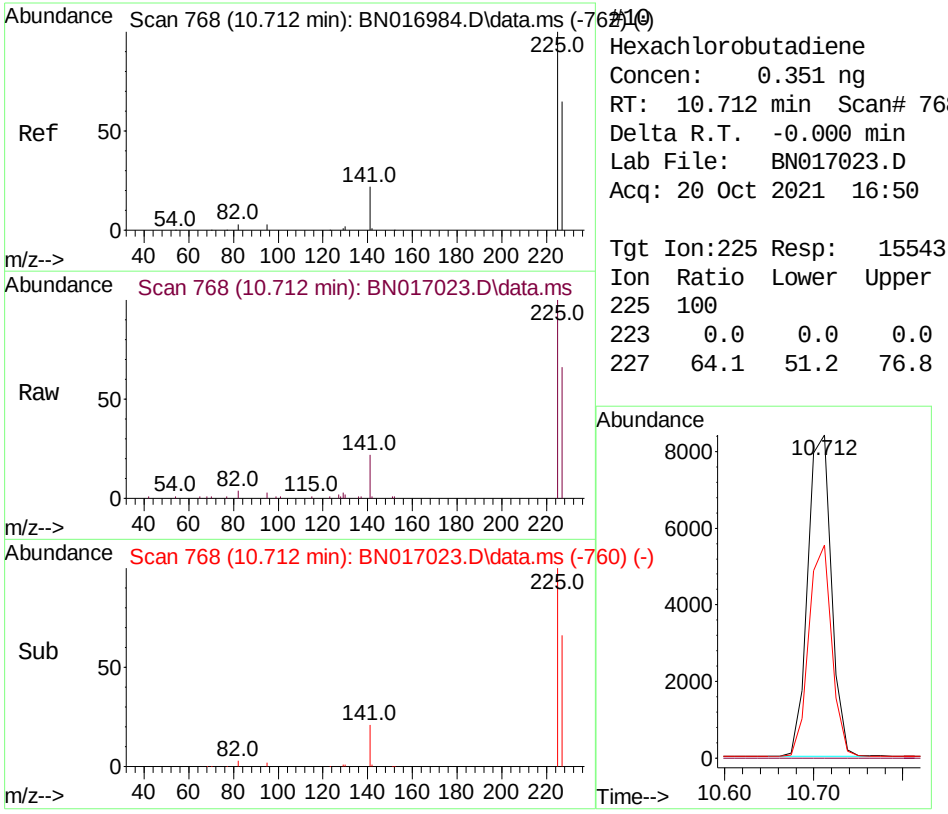
Instrument :
BNA_N
ClientSampleId :
PB140014BSD



#9
Naphthalene
Concen: 0.343 ng
RT: 10.421 min Scan# 745
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:128 Resp: 76637

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

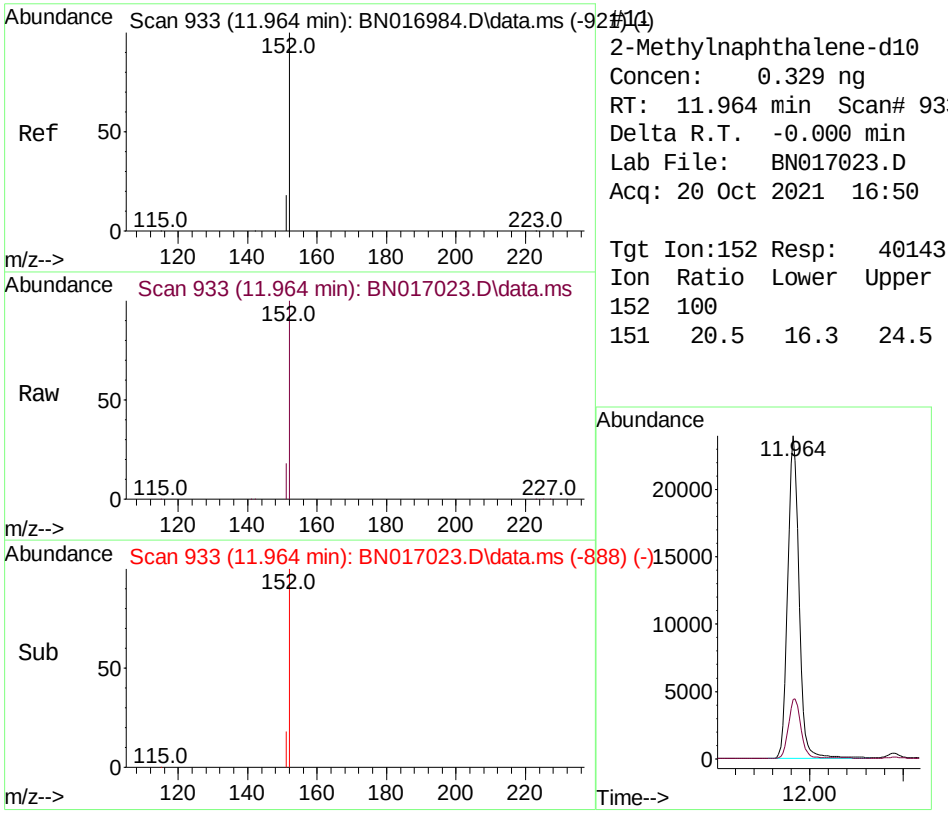


#10
Hexachlorobutadiene
Concen: 0.351 ng
RT: 10.712 min Scan# 768
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:225 Resp: 15543

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

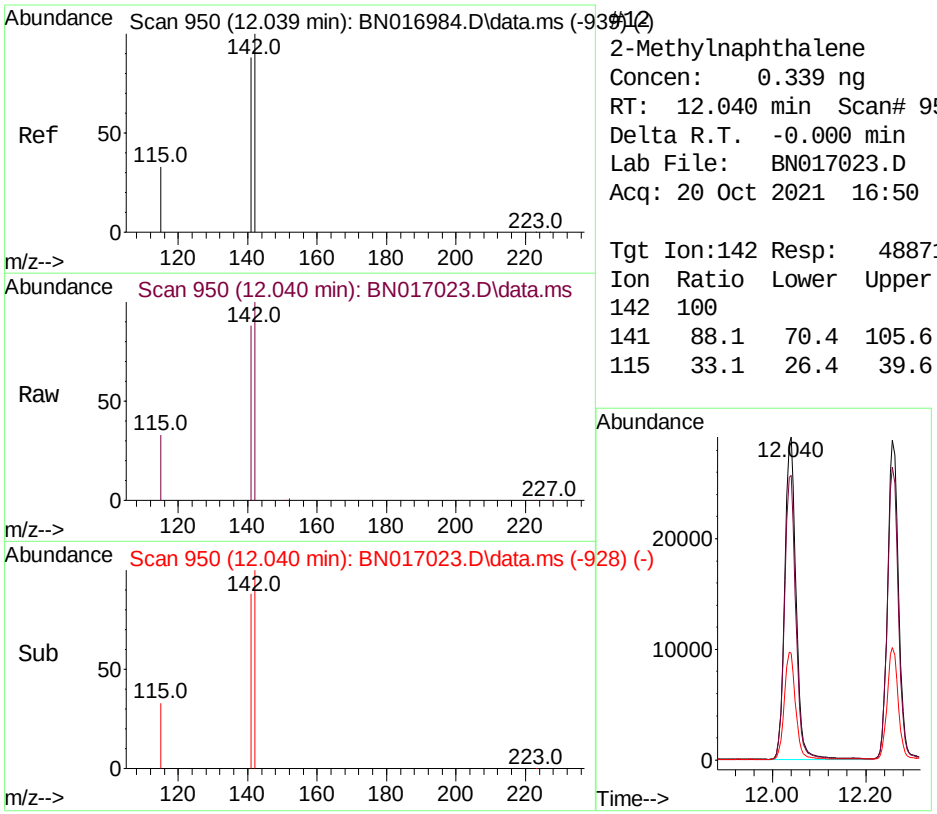
Instrument :
BNA_N
ClientSampleId :
PB140014BSD



2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 11.964 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:152 Resp: 40143

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5

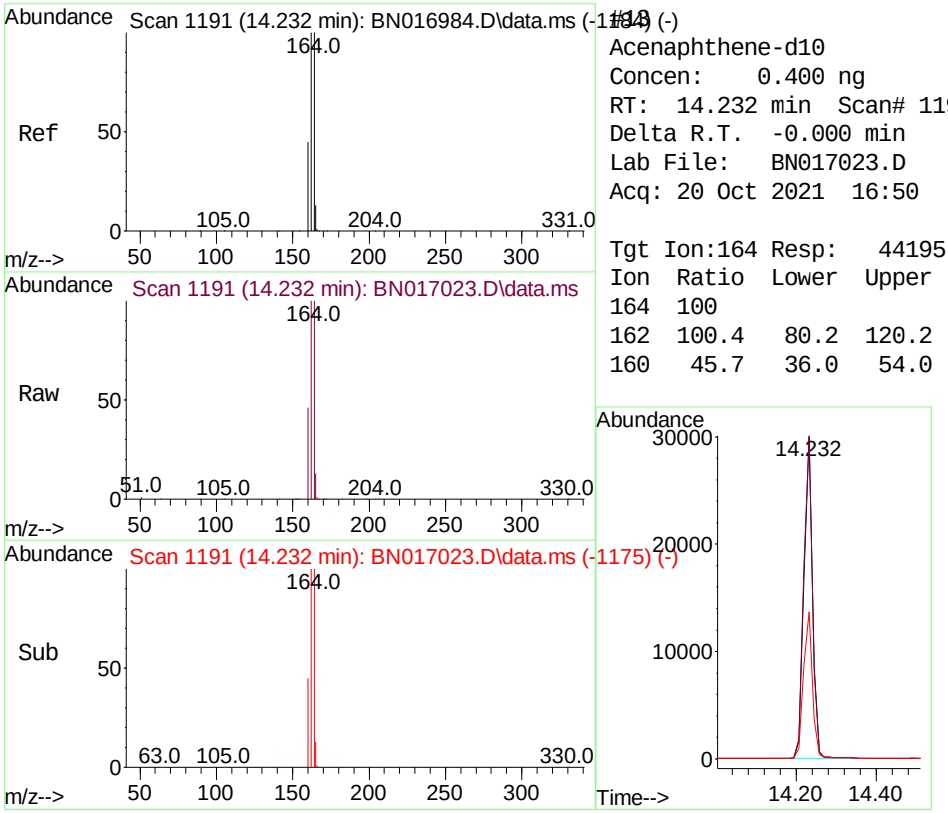


2-Methylnaphthalene
Concen: 0.339 ng
RT: 12.040 min Scan# 950
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:142 Resp: 48871

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	33.1	26.4	39.6

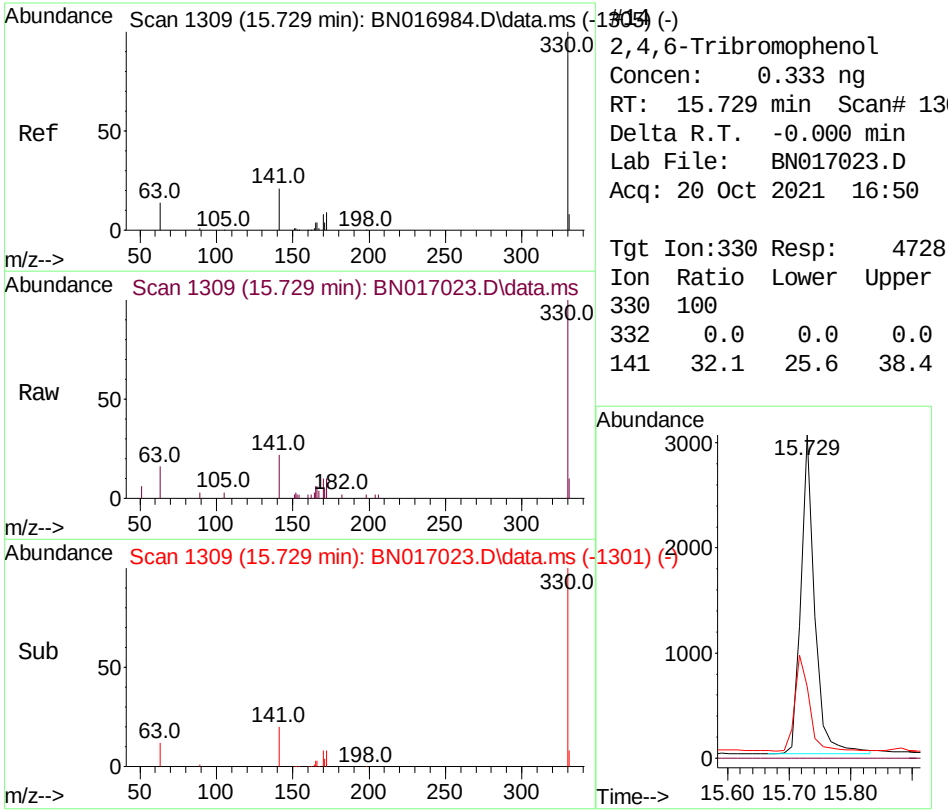
Instrument :
BNA_N
ClientSampleId :
PB140014BSD



#18
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:164 Resp: 44195

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	45.7	36.0	54.0



#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.729 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:330 Resp: 4728

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.1	25.6	38.4

Instrument :
BNA_N
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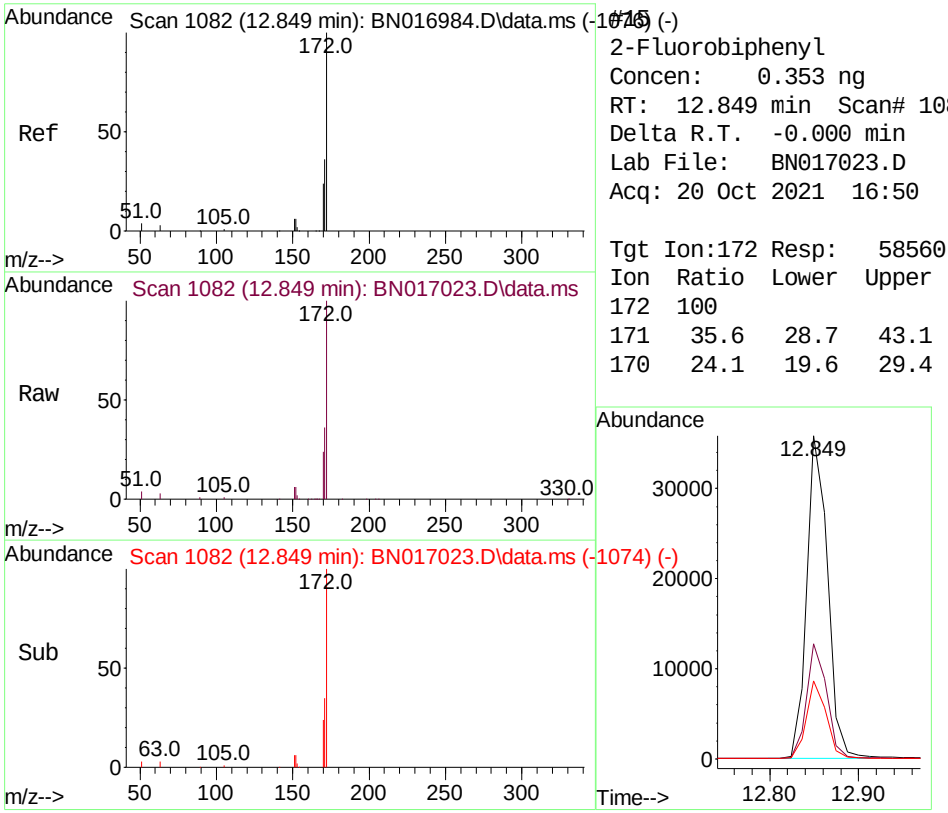
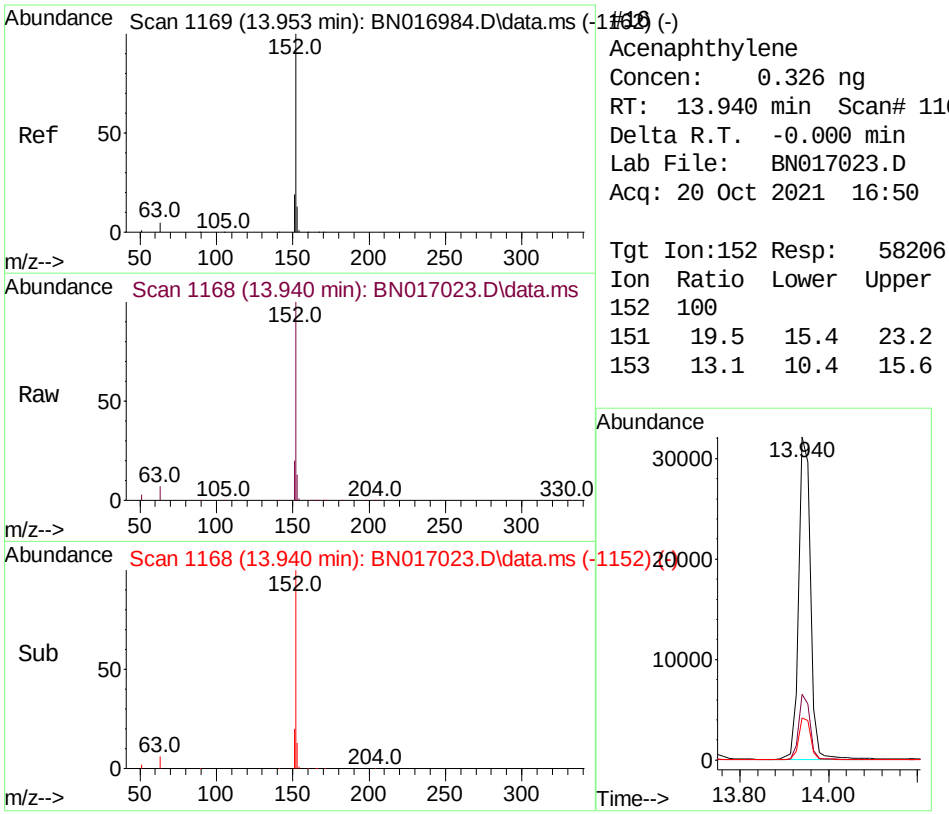


#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.849 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:172 Resp: 58560

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	24.1	19.6	29.4

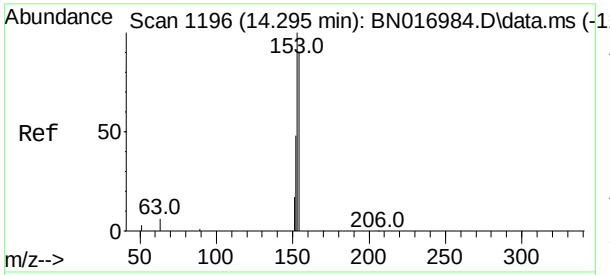


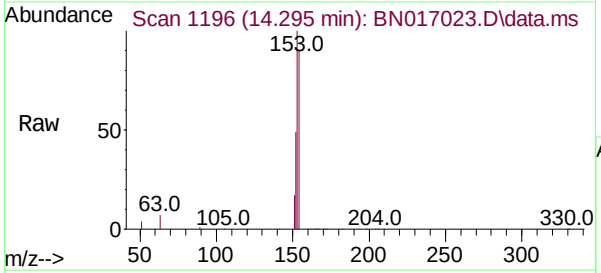
#16
Acenaphthylene
Concen: 0.326 ng
RT: 13.940 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

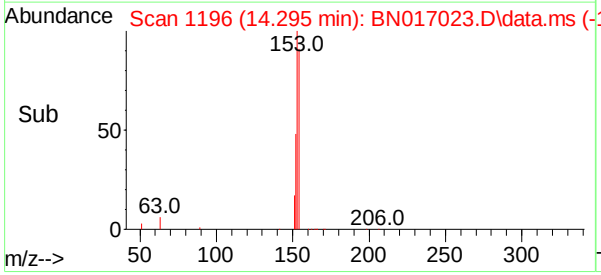
Tgt Ion:152 Resp: 58206

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.1	10.4	15.6

Instrument :
BNA_N
ClientSampleId :
PB140014BSD



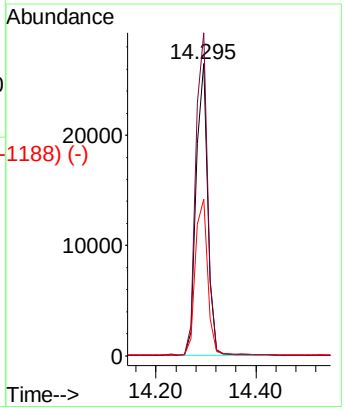


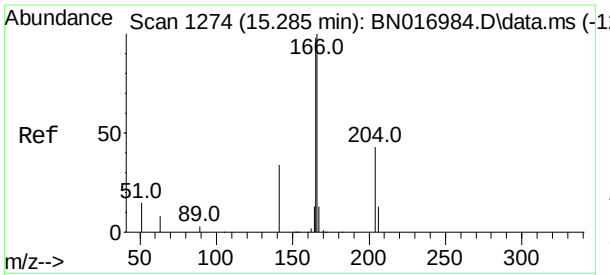


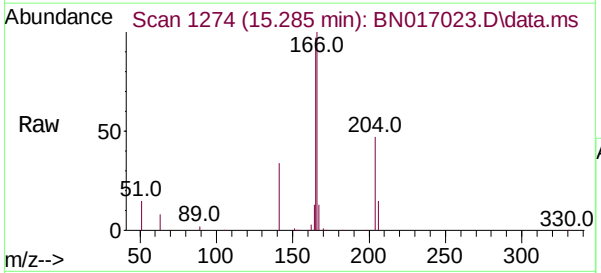
#17
Acenaphthene
Concen: 0.343 ng
RT: 14.295 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

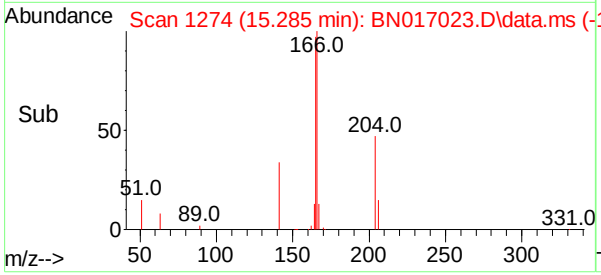
Tgt Ion:154 Resp: 41969

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.1	136.7
152	57.0	44.8	67.2





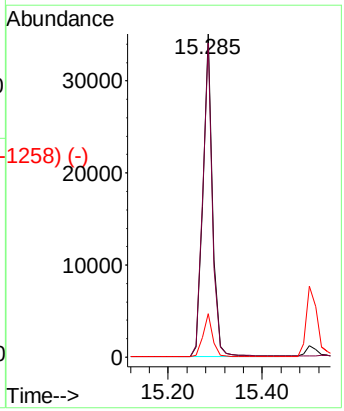




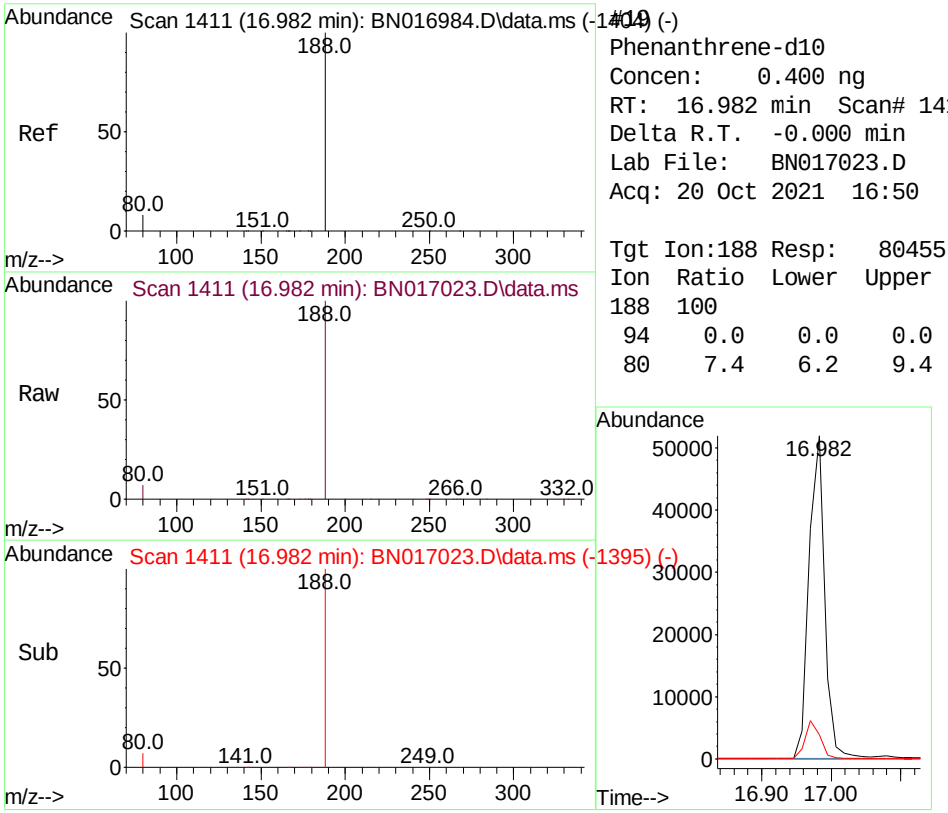
#18
Fluorene
Concen: 0.337 ng
RT: 15.285 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:166 Resp: 49704

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.5	117.7
167	13.4	10.8	16.2



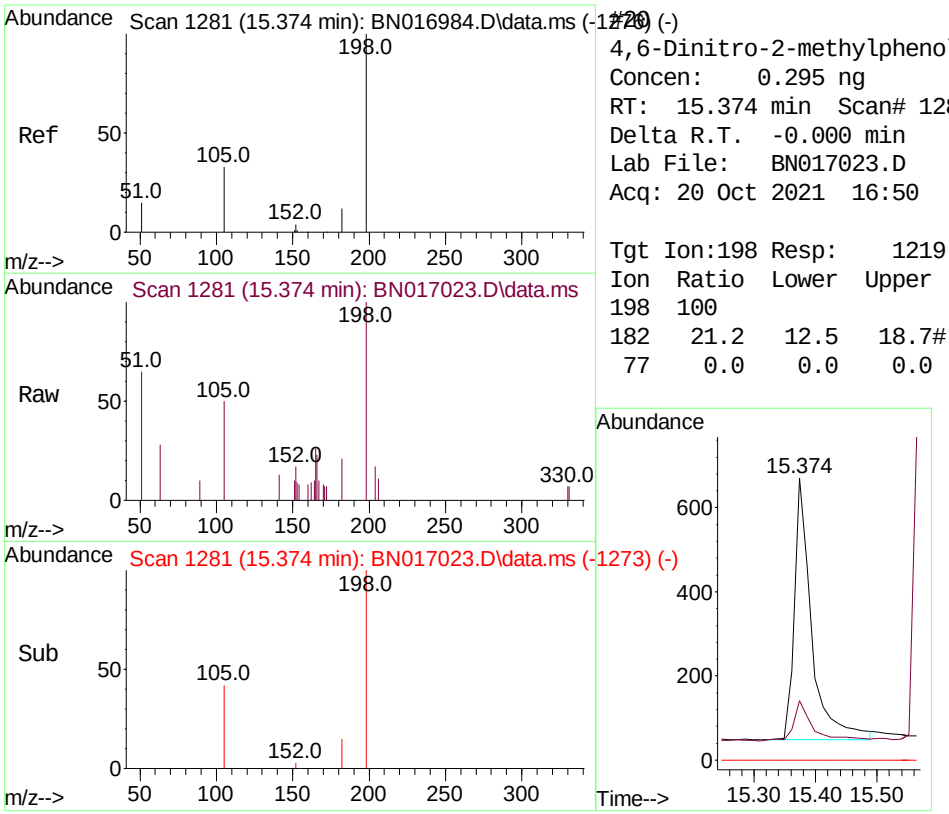
Instrument :
BNA_N
ClientSampleId :
PB140014BSD



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.982 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:188 Resp: 80455

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.2	9.4

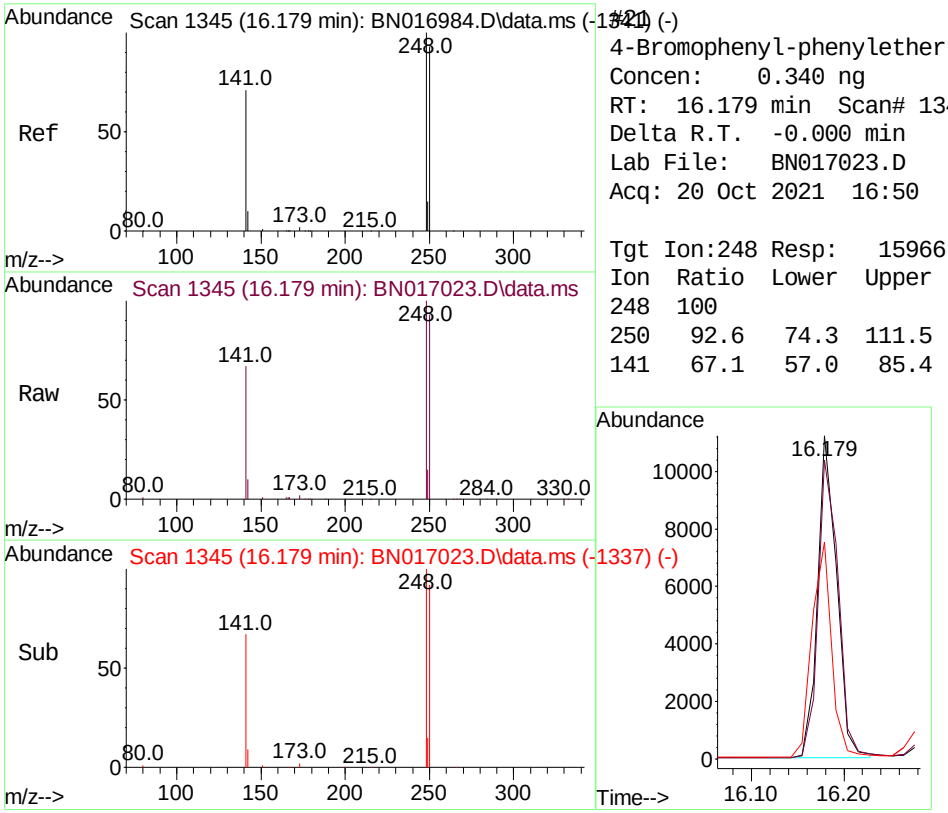


#20
4,6-Dinitro-2-methylphenol
Concen: 0.295 ng
RT: 15.374 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:198 Resp: 1219

Ion	Ratio	Lower	Upper
198	100		
182	21.2	12.5	18.7#
77	0.0	0.0	0.0

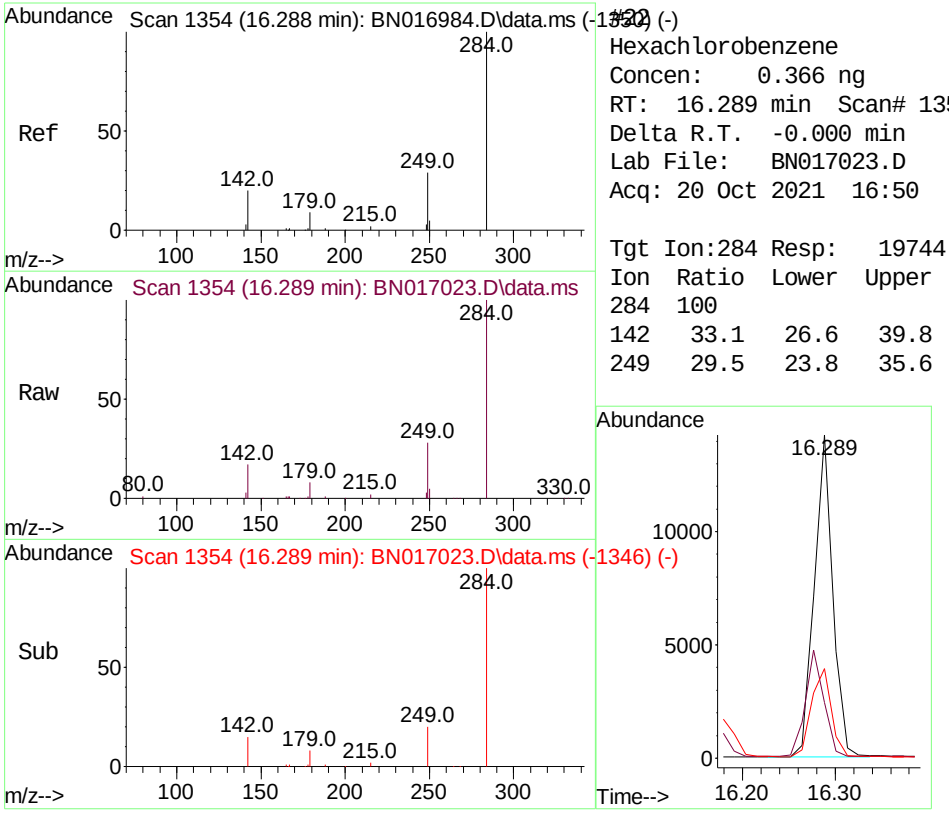
Instrument :
BNA_N
ClientSampleId :
PB140014BSD



#21
4-Bromophenyl-phenylether
Concen: 0.340 ng
RT: 16.179 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:248 Resp: 15966

Ion	Ratio	Lower	Upper
248	100		
250	92.6	74.3	111.5
141	67.1	57.0	85.4

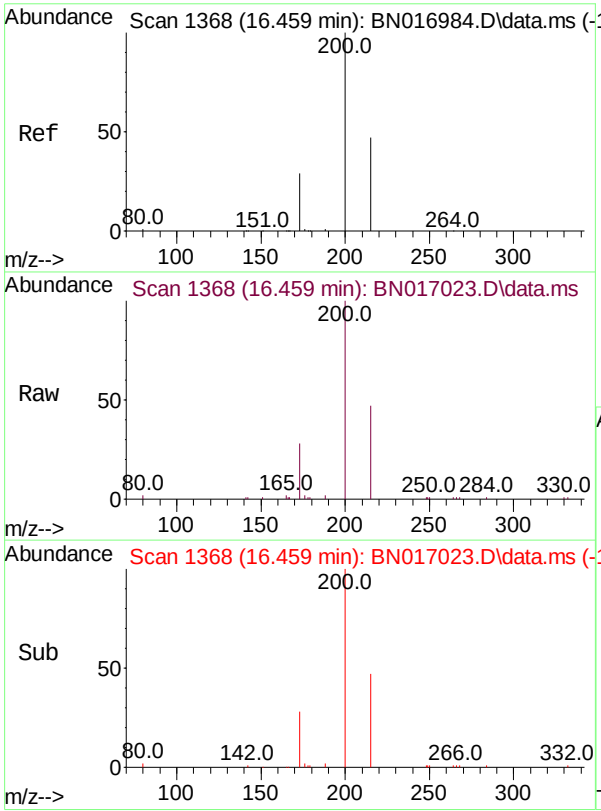


#22
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.289 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:284 Resp: 19744

Ion	Ratio	Lower	Upper
284	100		
142	33.1	26.6	39.8
249	29.5	23.8	35.6

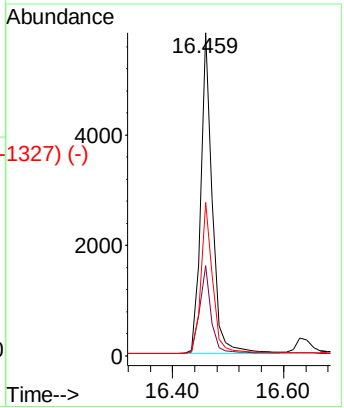
Instrument :
BNA_N
ClientSampleId :
PB140014BSD

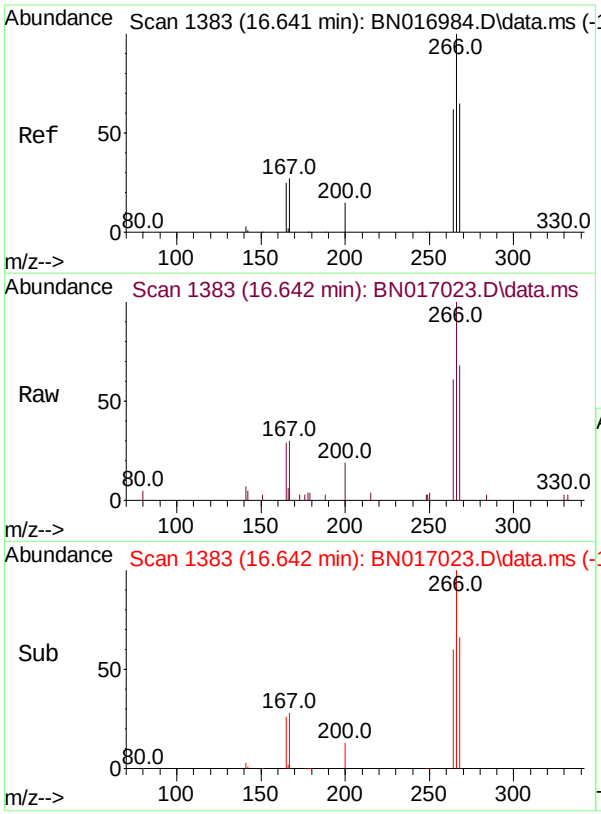


#28
Atrazine
Concen: 0.324 ng
RT: 16.459 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:200 Resp: 8300

Ion	Ratio	Lower	Upper
200	100		
173	27.8	23.5	35.3
215	47.4	37.9	56.9

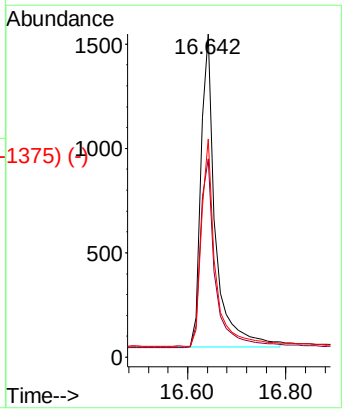




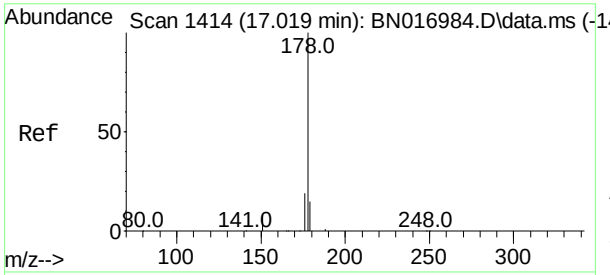
#24
Pentachlorophenol
Concen: 0.362 ng
RT: 16.642 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:266 Resp: 3100

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.0	75.0
268	64.5	50.9	76.3



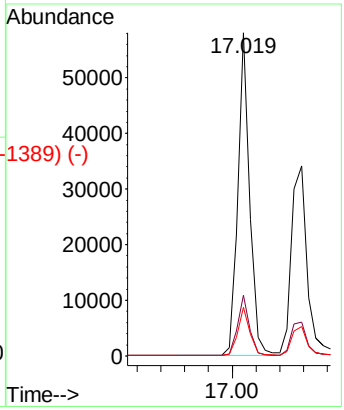
Instrument :
BNA_N
ClientSampleId :
PB140014BSD

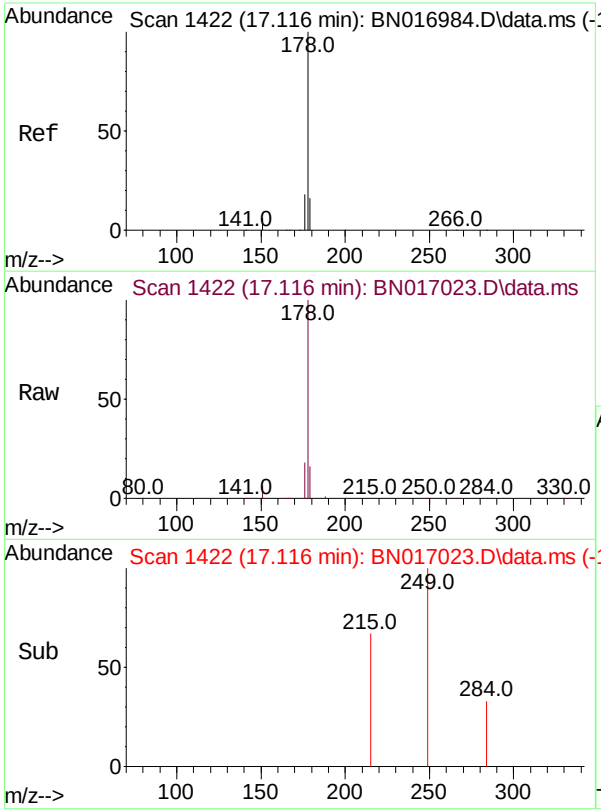


#25
Phenanthrene
Concen: 0.354 ng
RT: 17.019 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:178 Resp: 81004

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.4	12.3	18.5

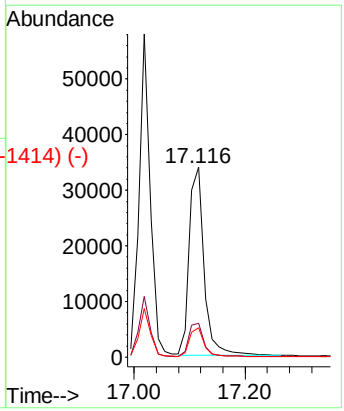




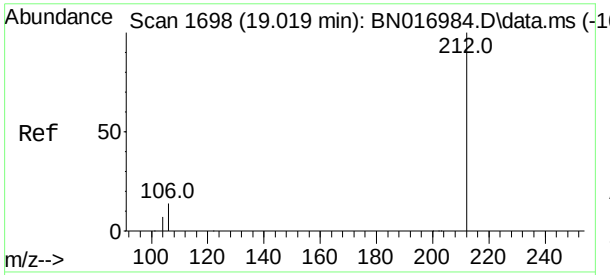
#26
Anthracene
Concen: 0.324 ng
RT: 17.116 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:178 Resp: 62477

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.2	12.3	18.5



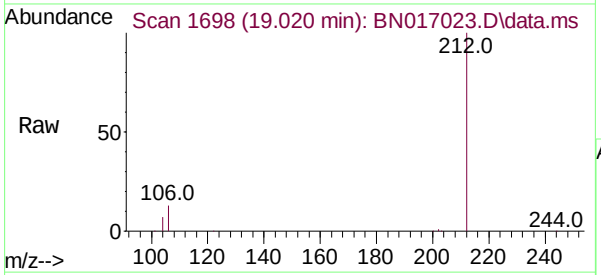
Instrument :
BNA_N
ClientSampleId :
PB140014BSD

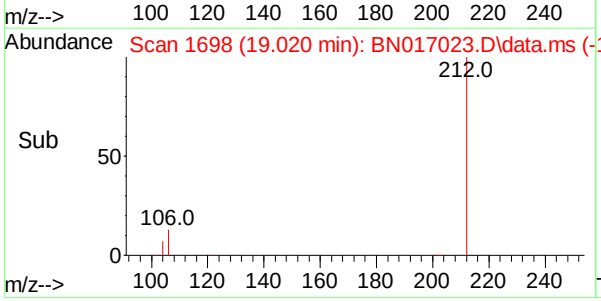


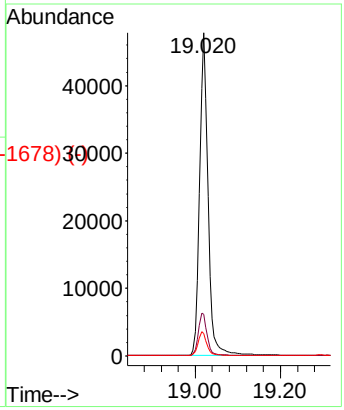
#27
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.020 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

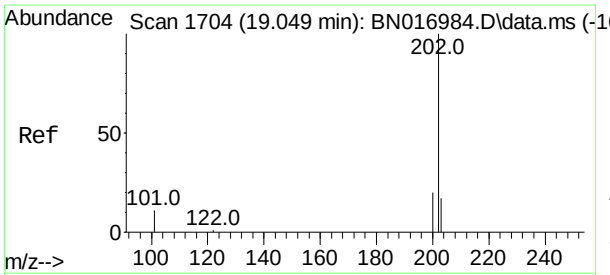
Tgt Ion:212 Resp: 65602

Ion	Ratio	Lower	Upper
212	100		
106	13.7	11.0	16.4
104	7.6	6.0	9.0





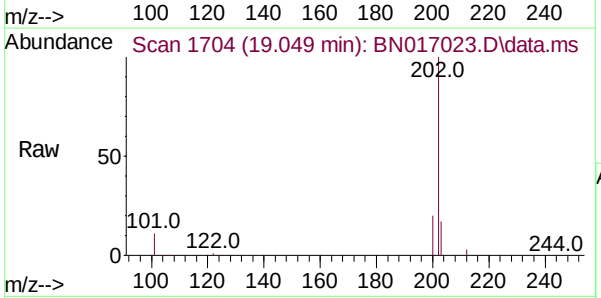


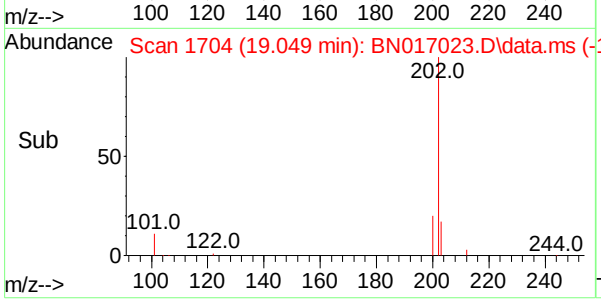


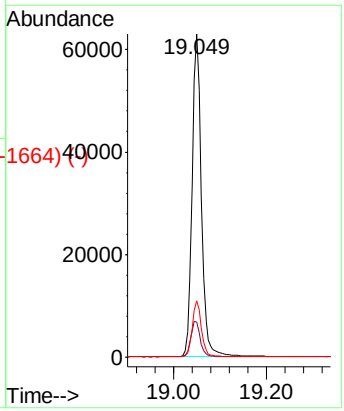
#28
Fluoranthene
Concen: 0.349 ng
RT: 19.049 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:202 Resp: 86610

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
203	17.2	13.8	20.8







Instrument :
BNA_N
ClientSampleId :
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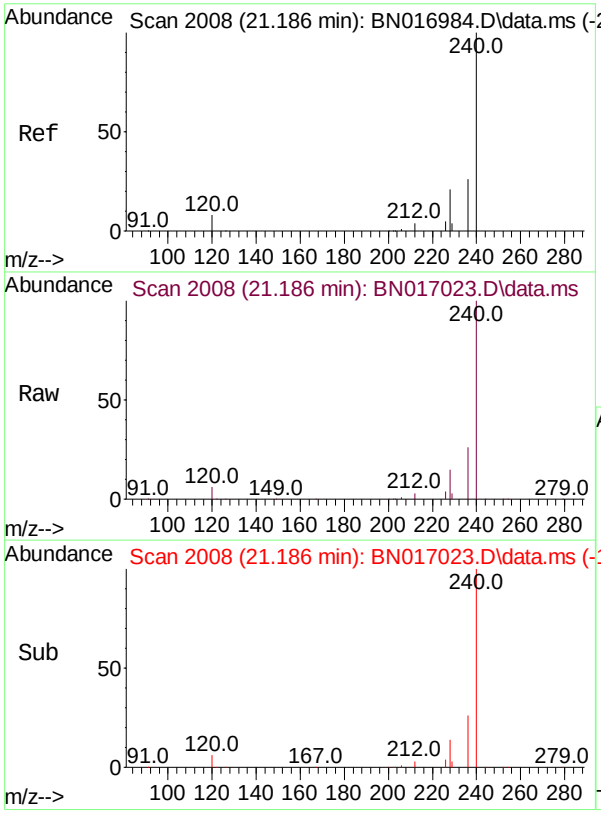
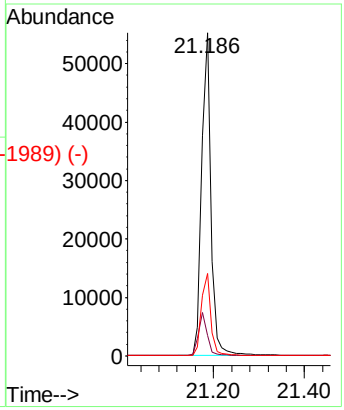
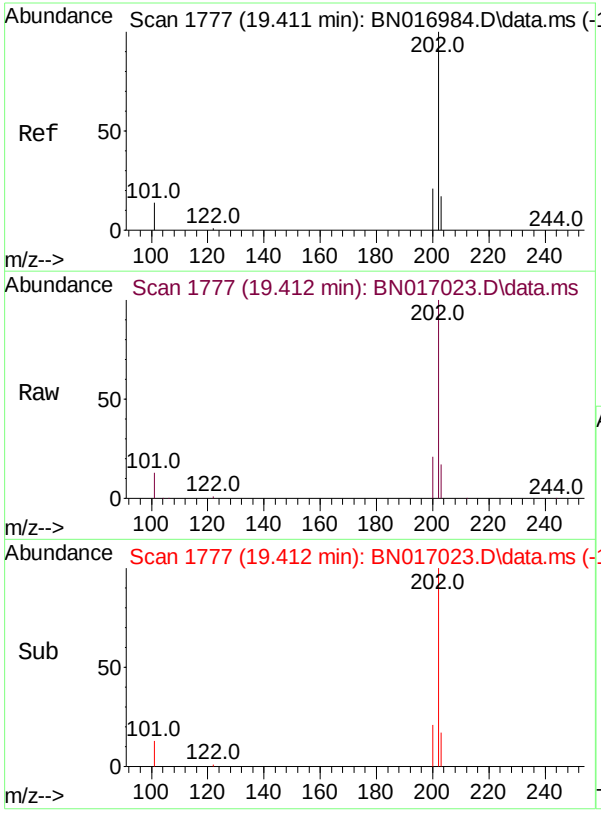


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.186 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:240 Resp: 77658

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.4	9.6#
236	25.6	20.6	31.0

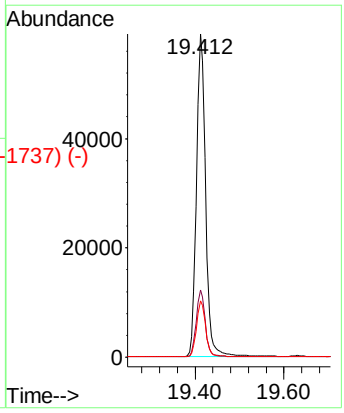




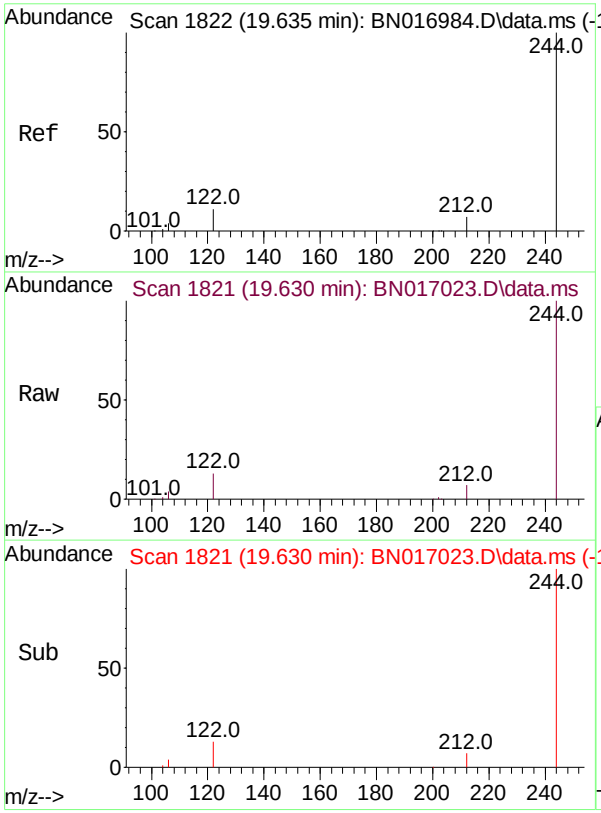
#30
Pyrene
Concen: 0.343 ng
RT: 19.412 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:202 Resp: 83961

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.5	14.0	21.0



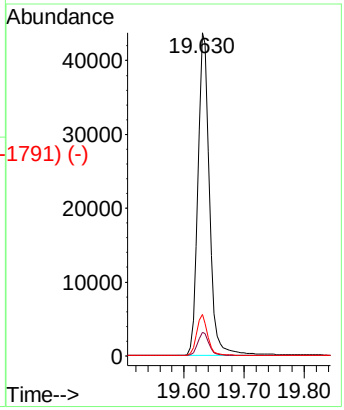
Instrument :
BNA_N
ClientSampleId :
PB140014BSD

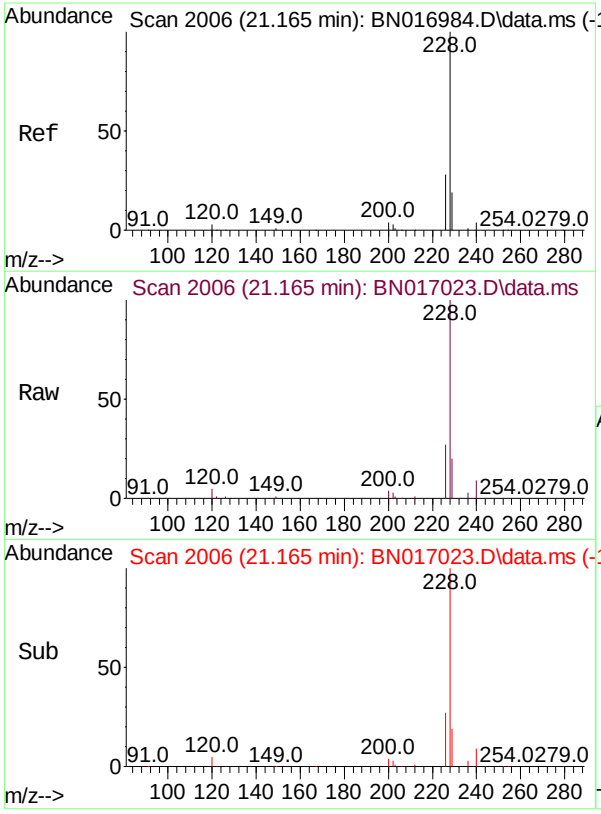


#31
Terphenyl-d14
Concen: 0.340 ng
RT: 19.630 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:244 Resp: 58407

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	12.9	9.0	13.6

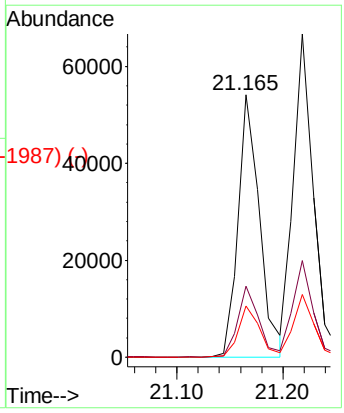




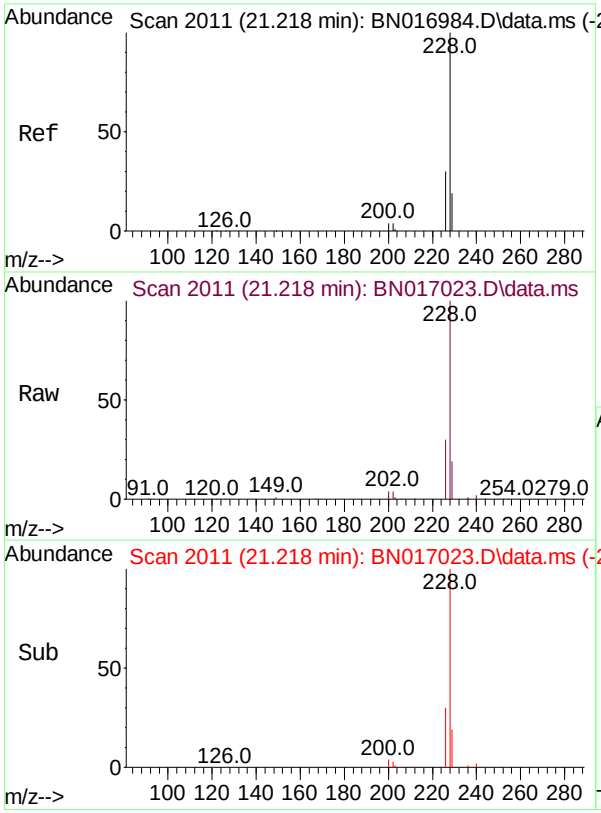
#32
Benzo(a)anthracene
Concen: 0.328 ng
RT: 21.165 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:228 Resp: 75374

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.3	33.5
229	19.5	15.4	23.0



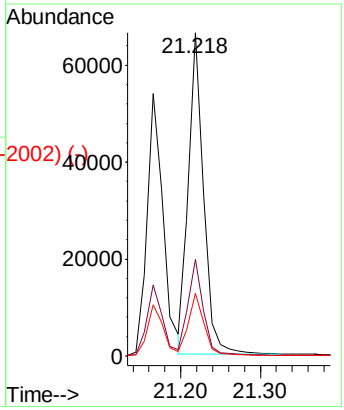
Instrument :
BNA_N
ClientSampleId :
PB140014BSD

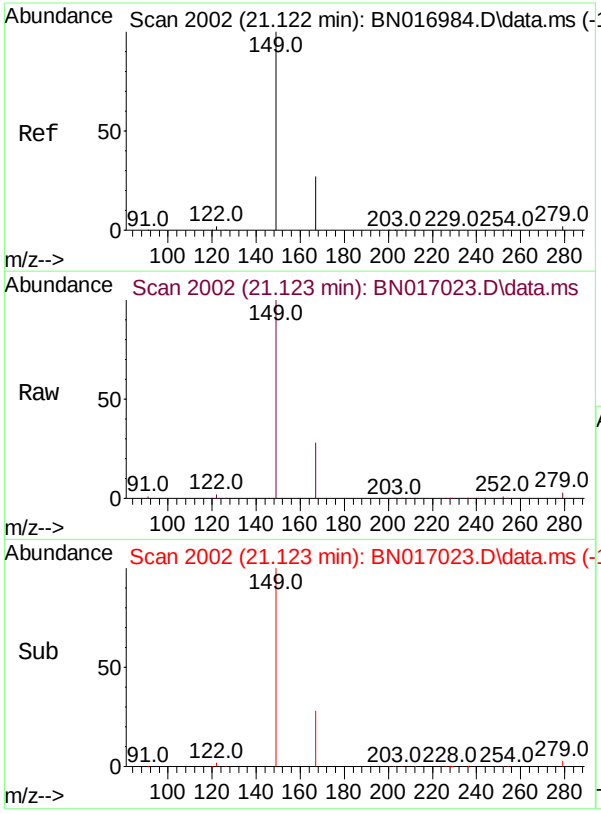


#38
Chrysene
Concen: 0.346 ng
RT: 21.218 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:228 Resp: 87344

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	19.4	15.4	23.2

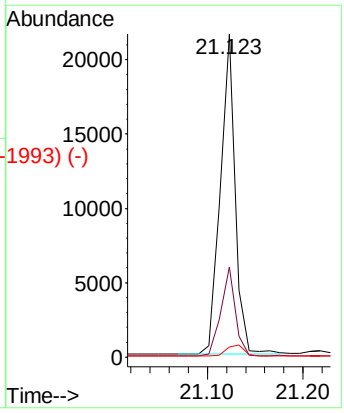




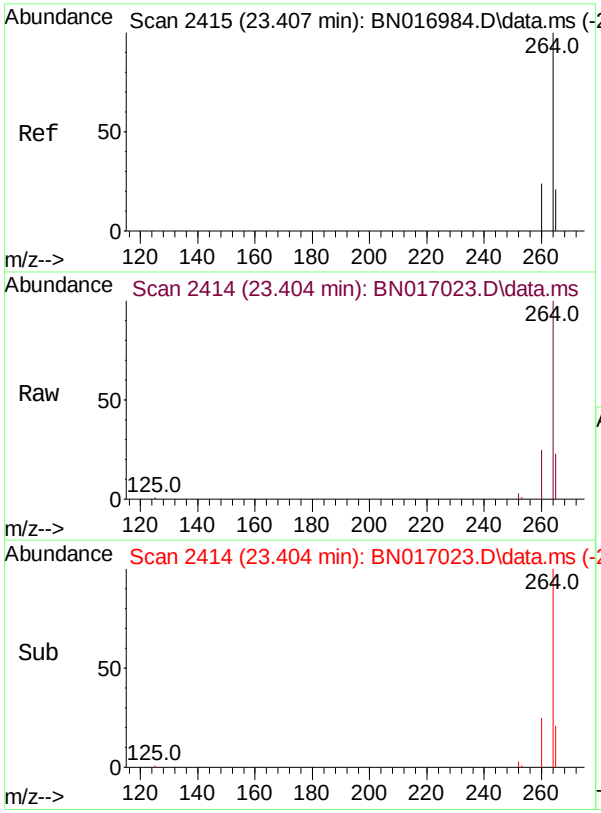
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.366 ng
RT: 21.123 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:149 Resp: 23626

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.6
279	4.1	3.4	5.0



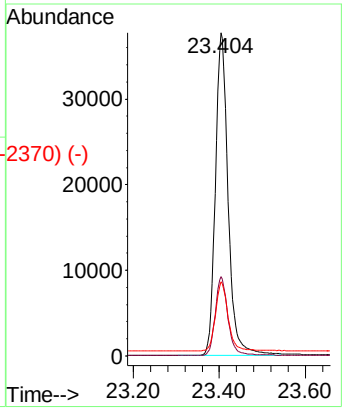
Instrument :
BNA_N
ClientSampleId :
PB140014BSD

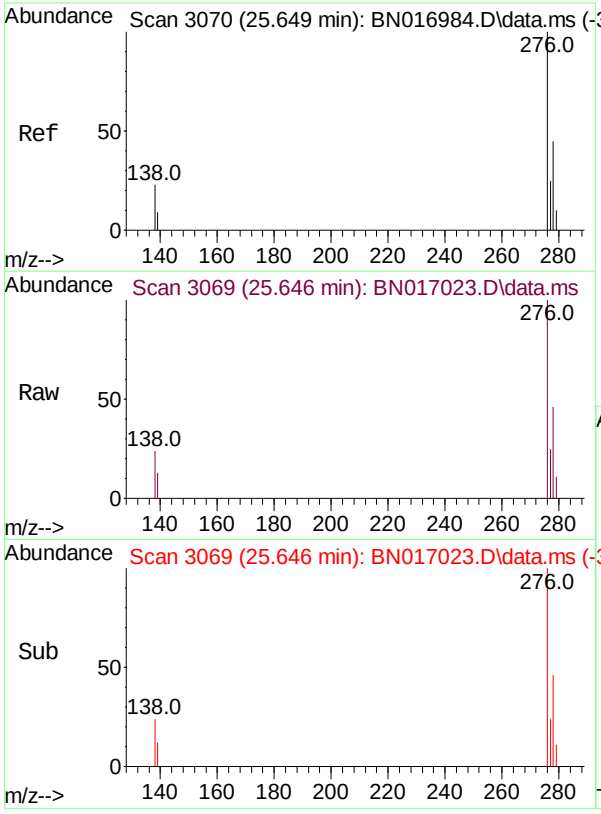


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.404 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:264 Resp: 77595

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.9	18.3	27.5

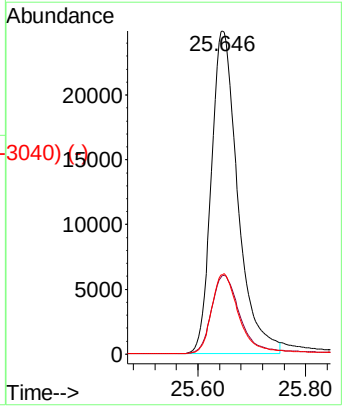




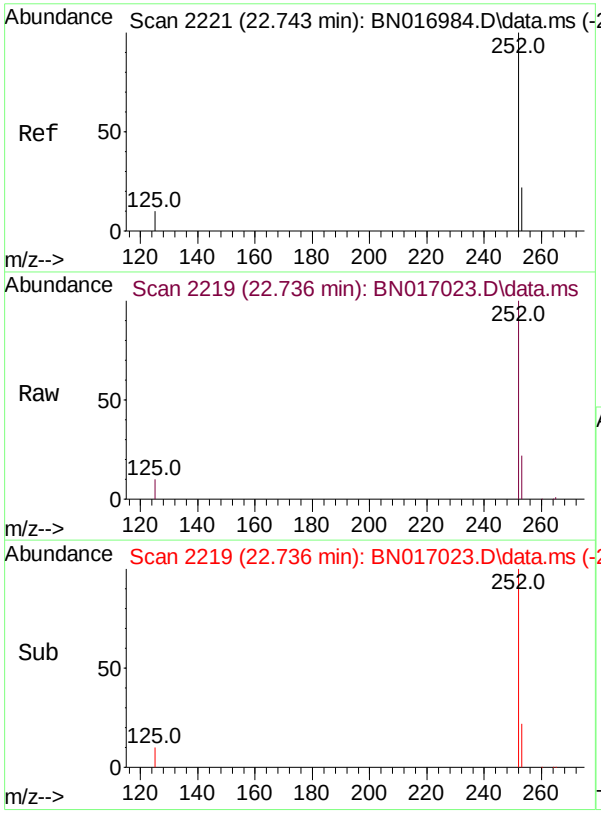
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng
RT: 25.646 min Scan# 3069
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:276 Resp: 84970

Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.6	29.4
277	25.1	20.2	30.2



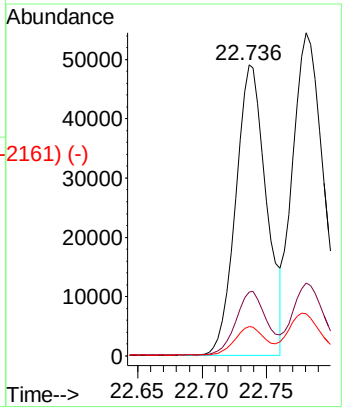
Instrument :
BNA_N
ClientSampleId :
PB140014BSD

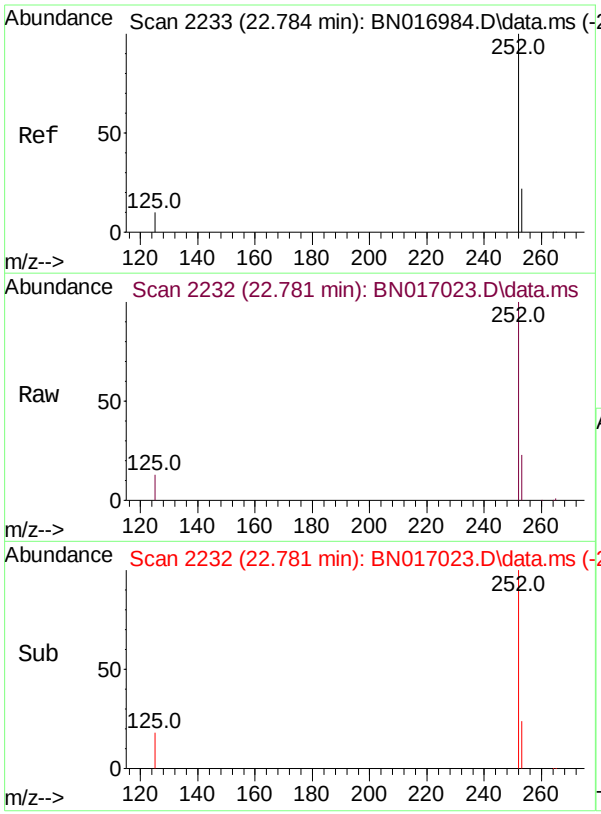


#37
Benzo(b)fluoranthene
Concen: 0.320 ng
RT: 22.736 min Scan# 2219
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:252 Resp: 81173

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.1	8.0	12.0

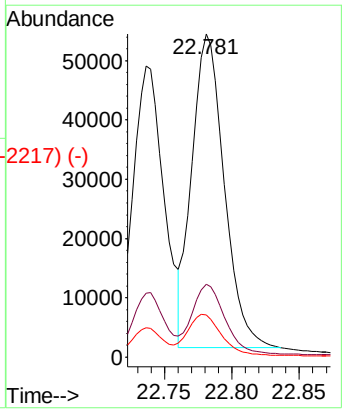




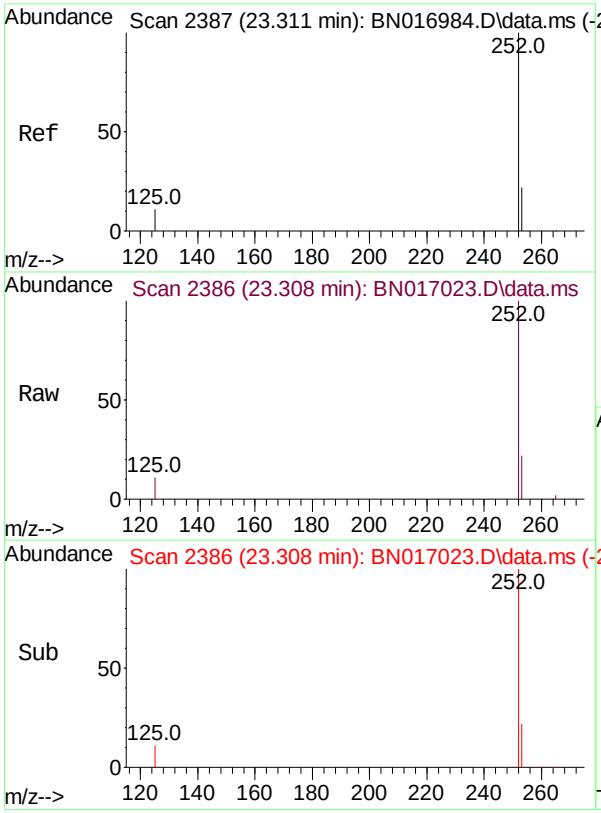
#38
Benzo(k)fluoranthene
Concen: 0.349 ng
RT: 22.781 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:252 Resp: 87978

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	13.1	8.5	12.7#



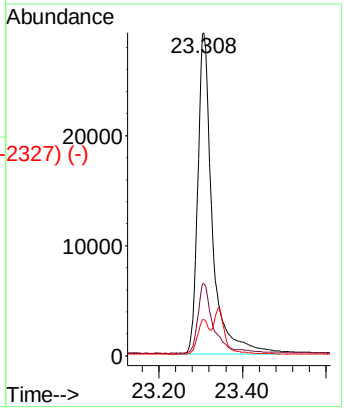
Instrument :
BNA_N
ClientSampleId :
PB140014BSD

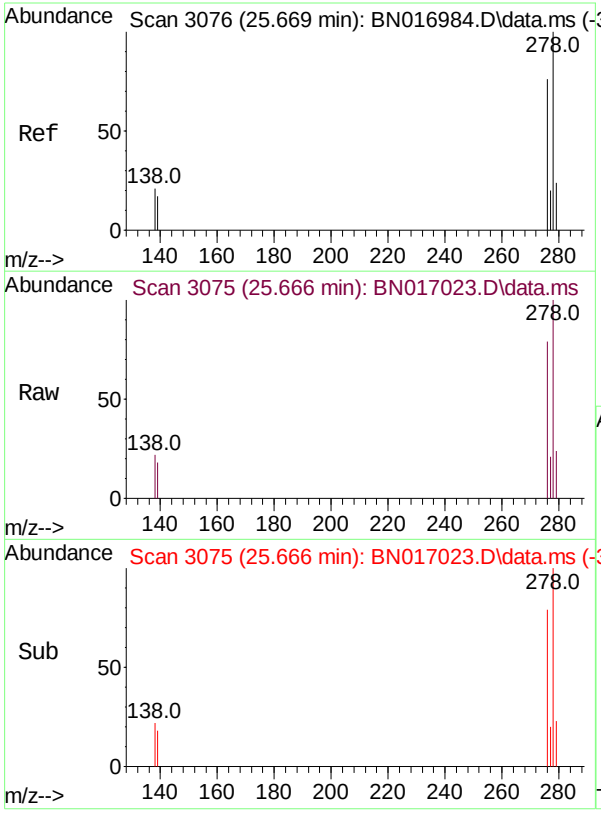


#39
Benzo(a)pyrene
Concen: 0.318 ng
RT: 23.308 min Scan# 2386
Delta R.T. 0.003 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:252 Resp: 70446

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.3	9.1	13.7

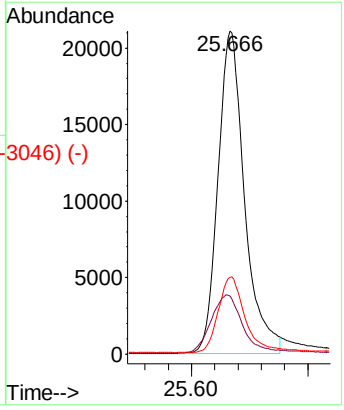


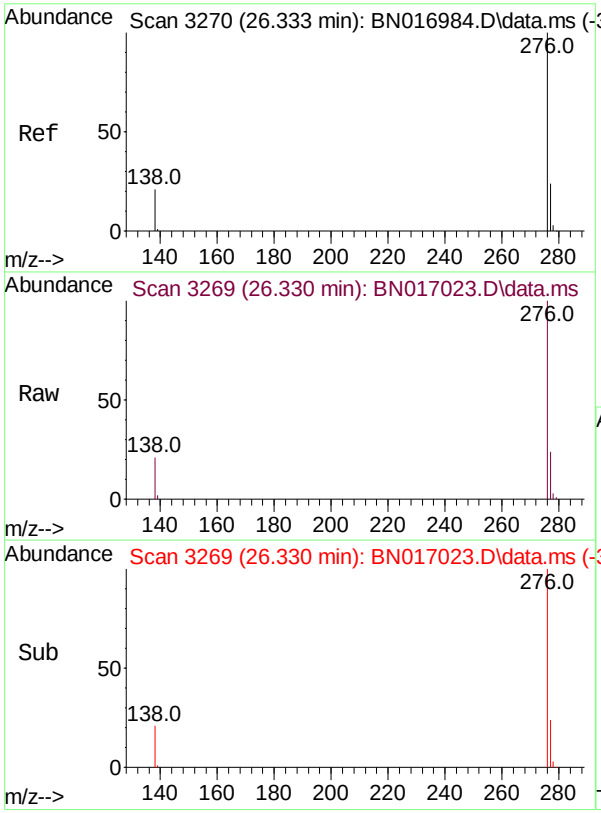


#40
Dibenzo(a,h)anthracene
Concen: 0.314 ng
RT: 25.666 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:278 Resp: 66523

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.4	20.2
279	23.8	19.2	28.8

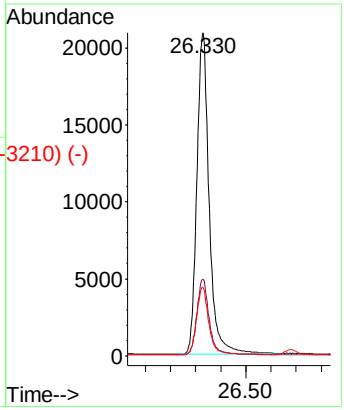




#41
Benzo(g,h,i)perylene
Concen: 0.301 ng
RT: 26.330 min Scan# 3269
Delta R.T. 0.003 min
Lab File: BN017023.D
Acq: 20 Oct 2021 16:50

Tgt Ion:276 Resp: 71166

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	21.2	16.9	25.3



Instrument :
BNA_N
ClientSampleId :
PB140014BSD