Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016453.D
Acq On : 25 Sep 2021 01:50
Operator : CG/JU
Sample : PB139115BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 25 05:06:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	24455	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	102207	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	52970	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	101613	0.400	ng	0.00
29) Chrysene-d12	21.249	240	101129	0.400	ng	0.00
35) Perylene-d12	23.512	264	93777	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	19924	0.363	ng	0.00
5) Phenol-d6	6.849	99	23195	0.358	ng	0.00
8) Nitrobenzene-d5	8.810	82	27952	0.386	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	56925	0.376	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4832	0.370	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	80555	0.362	ng	-0.01
27) Fluoranthene-d10	19.088	212	107656	0.386	ng	0.00
31) Terphenyl-d14	19.698	244	89962	0.383	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	4194	0.400	ng	# 82
3) n-Nitrosodimethylamine	3.622	42	10383	0.412	ng	# 70
6) bis(2-Chloroethyl)ether	7.108	93	25909	0.395	ng	93
9) Naphthalene	10.483	128	102335	0.375	ng	99
10) Hexachlorobutadiene	10.774	225	21083	0.389	ng	# 99
12) 2-Methylnaphthalene	12.105	142	66036	0.382	ng	99
16) Acenaphthylene	14.015	152	79735	0.370	ng	99
17) Acenaphthene	14.358	154	56186	0.367	ng	98
18) Fluorene	15.347	166	66730	0.363	ng	98
20) 4,6-Dinitro-2-methylph...	15.436	198	1519	0.276	ng	# 70
21) 4-Bromophenyl-phenylether	16.251	248	21531	0.363	ng	# 94
22) Hexachlorobenzene	16.348	284	22319	0.380	ng	# 90
23) Atrazine	16.519	200	13160	0.369	ng	# 92
24) Pentachlorophenol	16.701	266	5516	0.427	ng	98
25) Phenanthrene	17.091	178	111017	0.367	ng	99
26) Anthracene	17.176	178	87872	0.349	ng	99
28) Fluoranthene	19.118	202	131281	0.396	ng	99
30) Pyrene	19.480	202	126663	0.400	ng	99
32) Benzo(a)anthracene	21.238	228	112147	0.382	ng	99
33) Chrysene	21.281	228	126192	0.401	ng	98
34) Bis(2-ethylhexyl)phtha...	21.185	149	35054	0.438	ng	97
36) Indeno(1,2,3-cd)pyrene	25.805	276	110630	0.364	ng	100
37) Benzo(b)fluoranthene	22.831	252	111205	0.355	ng	98
38) Benzo(k)fluoranthene	22.875	252	120775	0.399	ng	# 98
39) Benzo(a)pyrene	23.413	252	95004	0.372	ng	# 96
40) Dibenzo(a,h)anthracene	25.826	278	92402	0.357	ng	96
41) Benzo(g,h,i)perylene	26.504	276	90682	0.341	ng	95

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

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Misc :
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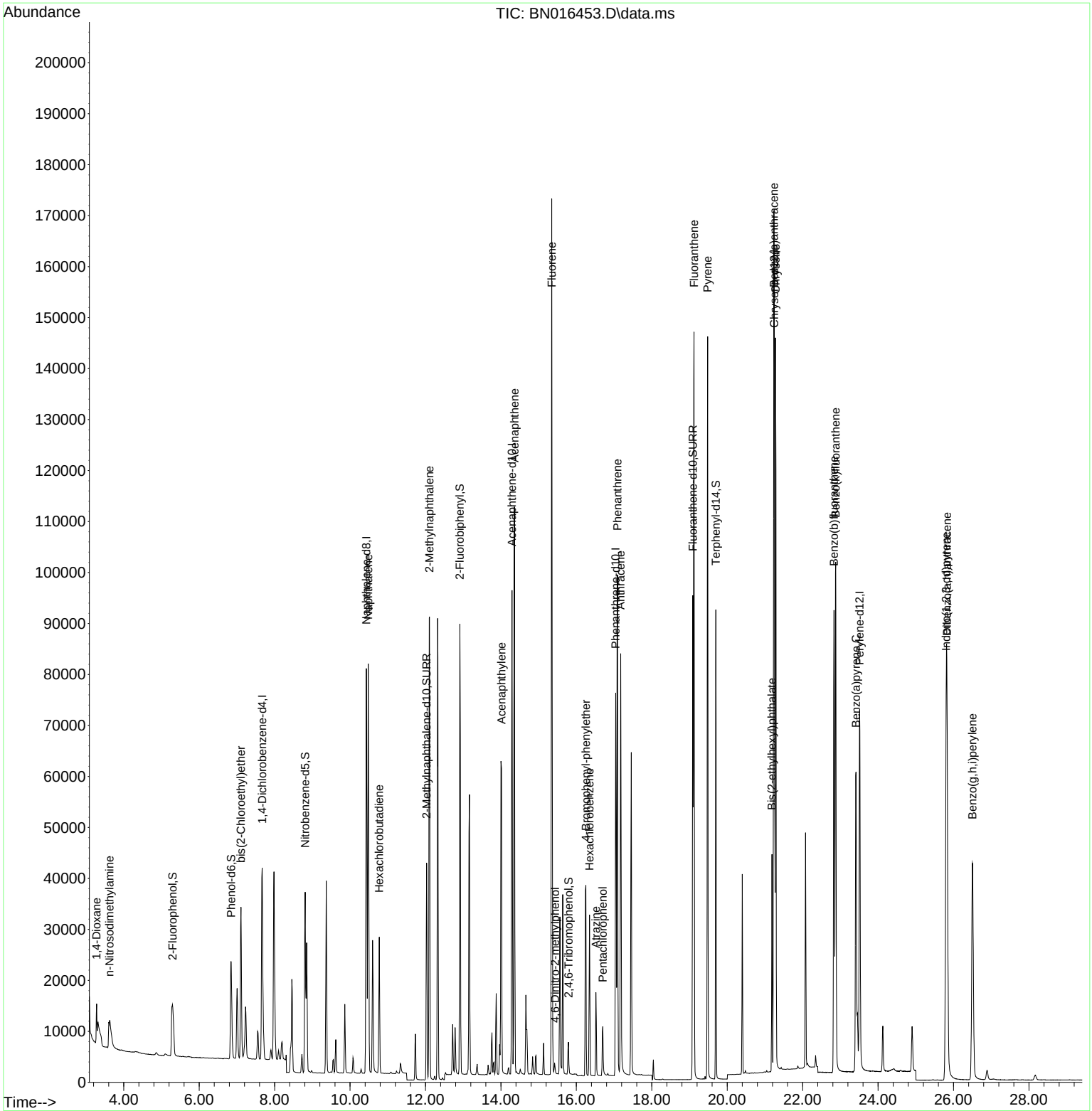
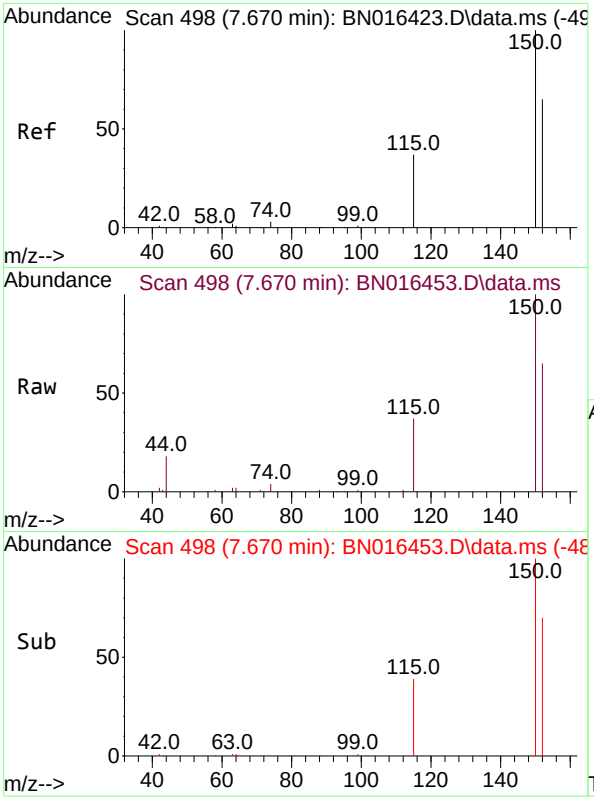
Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 25 05:06:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

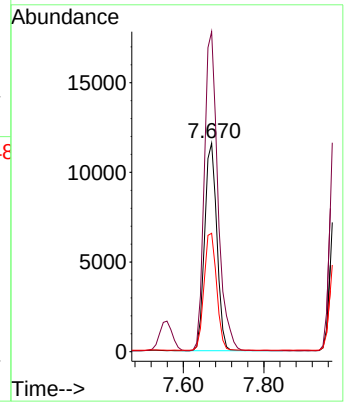




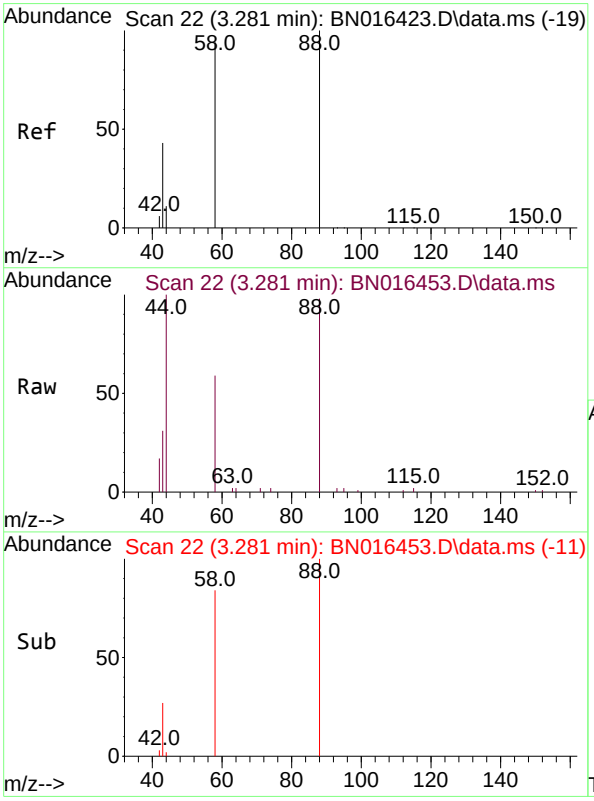
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:152 Resp: 24455

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.6	188.4
115	56.8	50.2	75.2



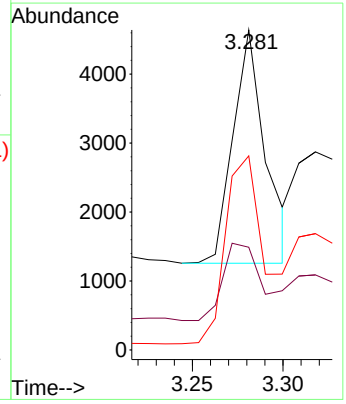
Instrument :
BNA_N
ClientSampleId :

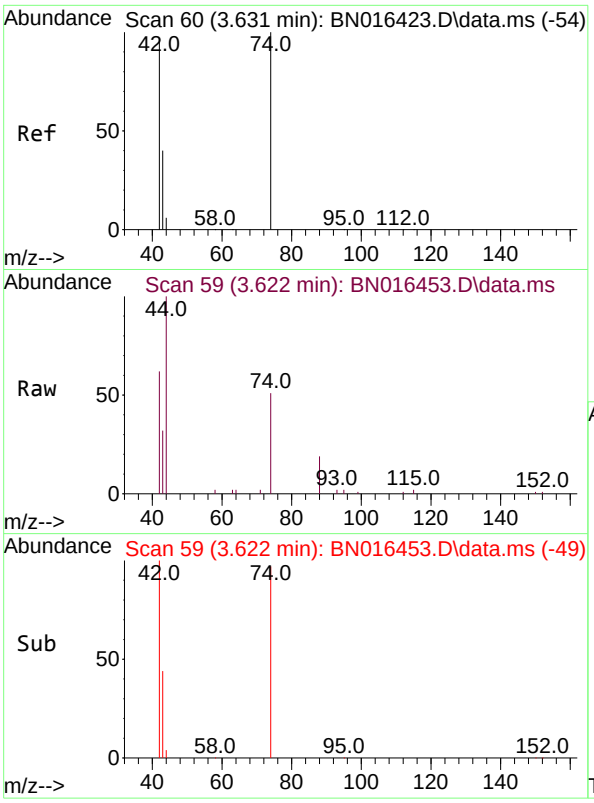


#2
1,4-Dioxane
Concen: 0.400 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion: 88 Resp: 4194

Ion	Ratio	Lower	Upper
88	100		
43	42.3	20.3	30.5#
58	99.9	69.9	104.9

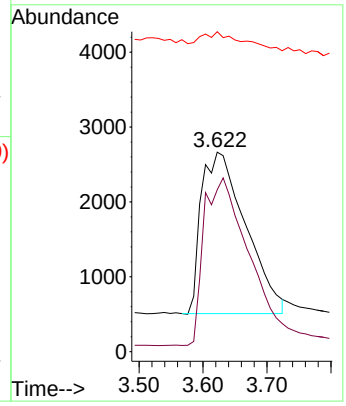




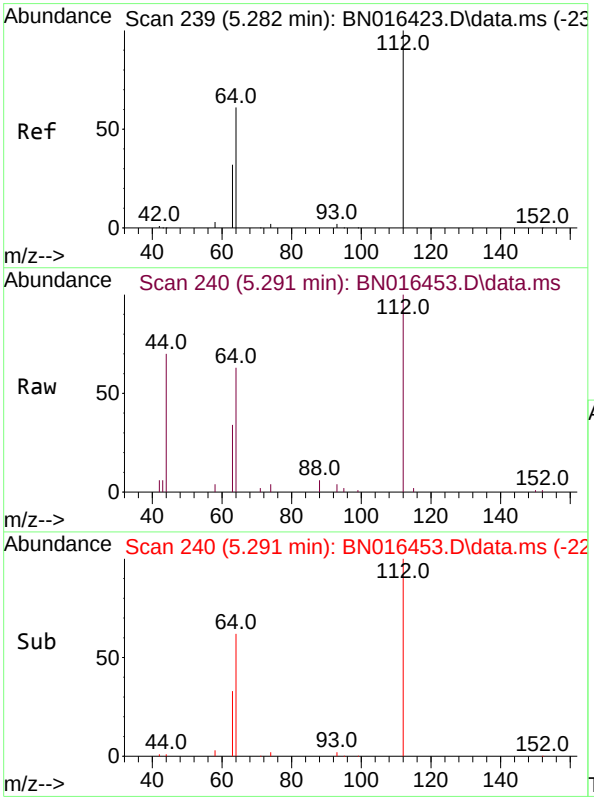
#3
n-Nitrosodimethylamine
Concen: 0.412 ng
RT: 3.622 min Scan# 59
Delta R.T. -0.009 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion: 42 Resp: 10383

Ion	Ratio	Lower	Upper
42	100		
74	104.7	113.6	170.4#
44	0.0	0.0	0.0



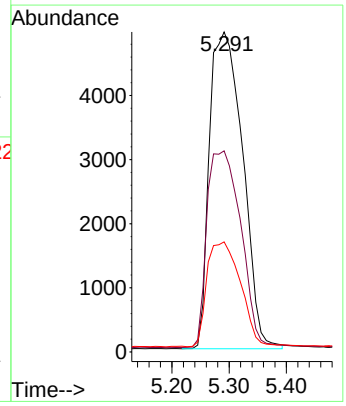
Instrument :
BNA_N
ClientSampleId :



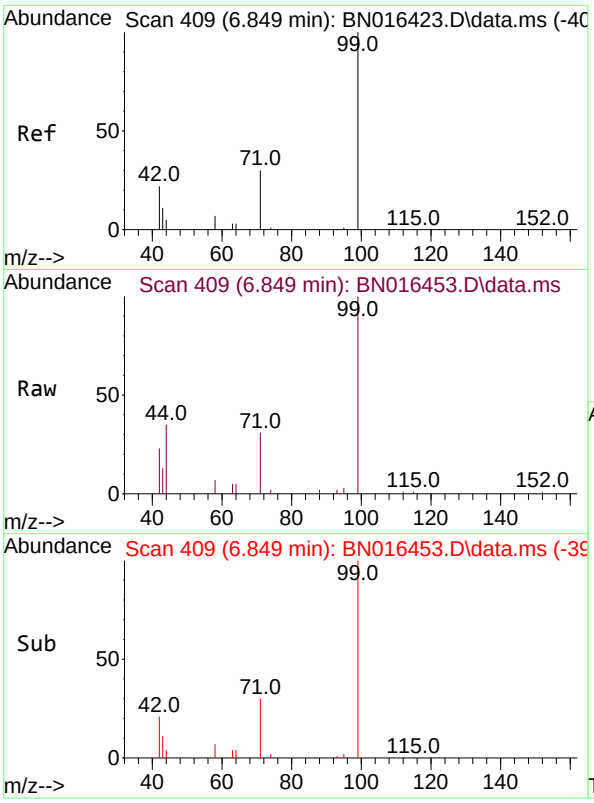
#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.010 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:112 Resp: 19924

Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.3	70.9
63	33.2	23.4	35.0



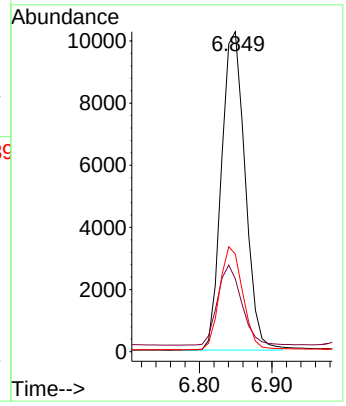
Instrument :
BNA_N
ClientSampleId :

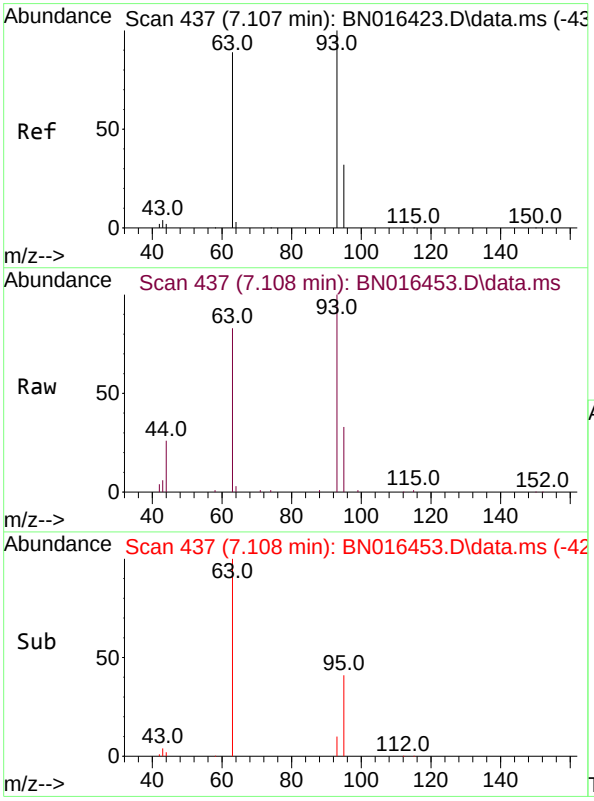


#5
Phenol-d6
Concen: 0.358 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion: 99 Resp: 23195

Ion	Ratio	Lower	Upper
99	100		
42	25.6	14.0	21.0#
71	31.9	23.8	35.6

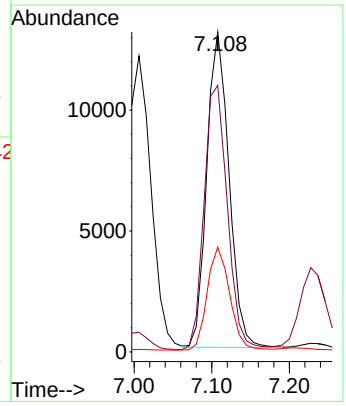




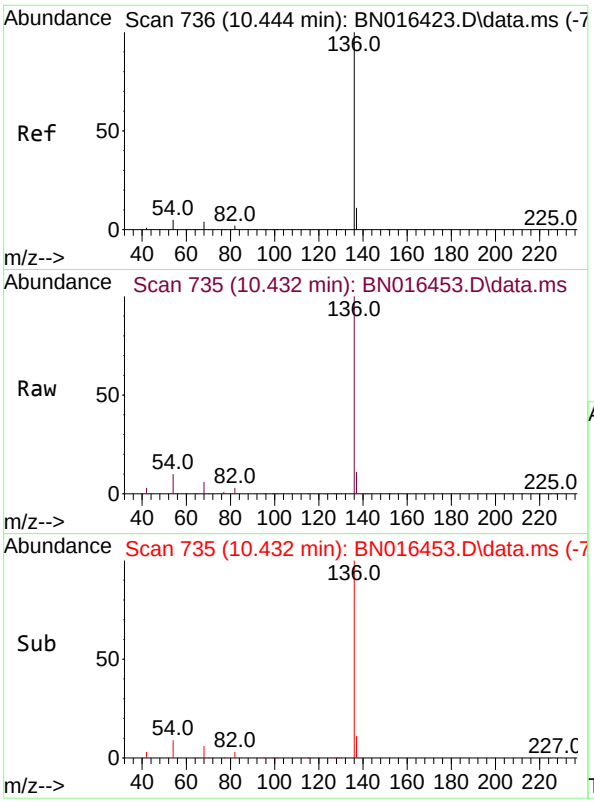
#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.108 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion: 93 Resp: 25909

Ion	Ratio	Lower	Upper
93	100		
63	88.0	63.4	95.0
95	33.0	26.8	40.2



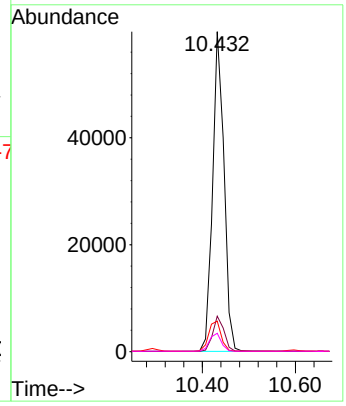
Instrument :
BNA_N
ClientSampleId :

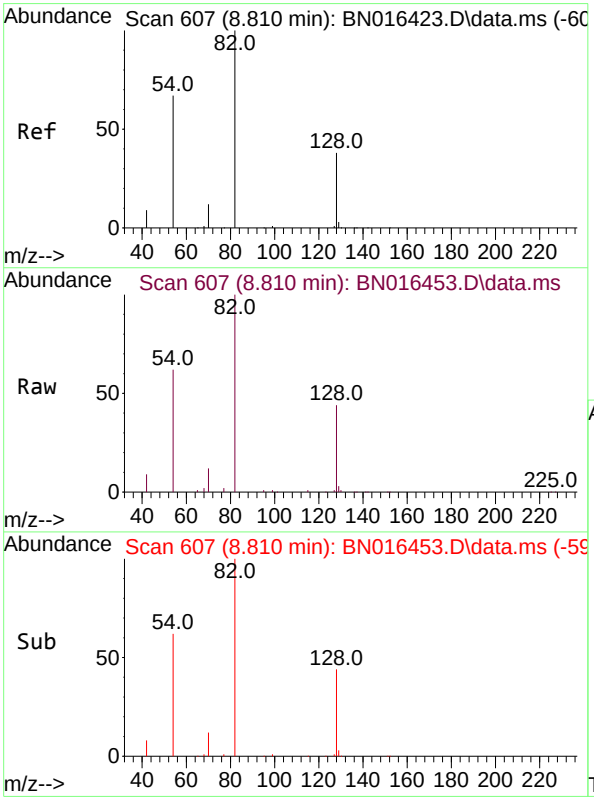


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:136 Resp: 102207

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.6	5.3	7.9#
68	5.7	3.9	5.9

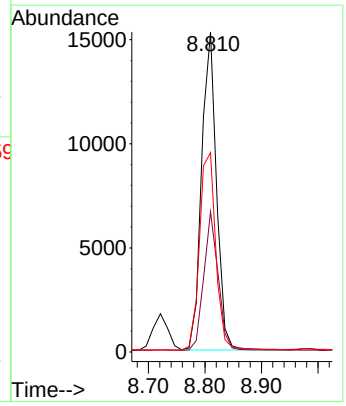


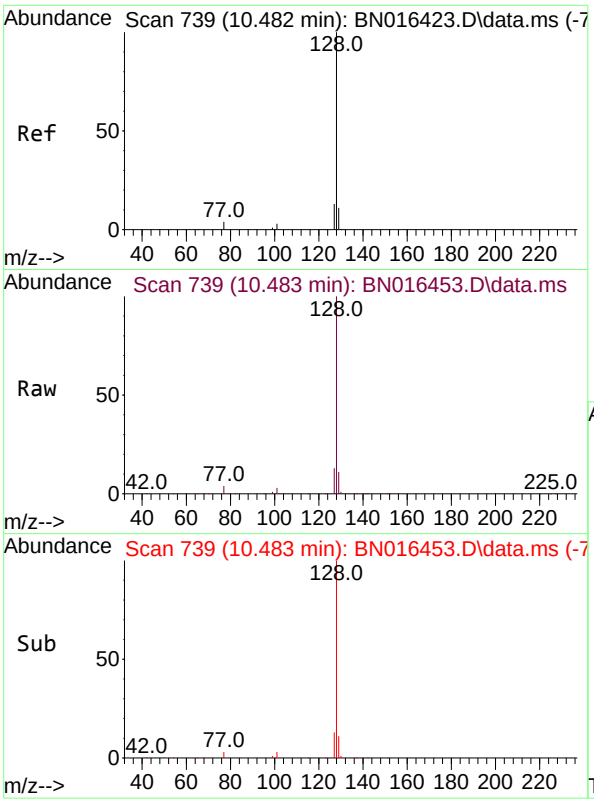


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion: 82 Resp: 27952

Ion	Ratio	Lower	Upper
82	100		
128	43.9	31.7	47.5
54	62.3	46.4	69.6

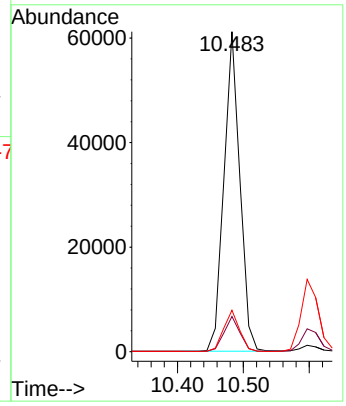




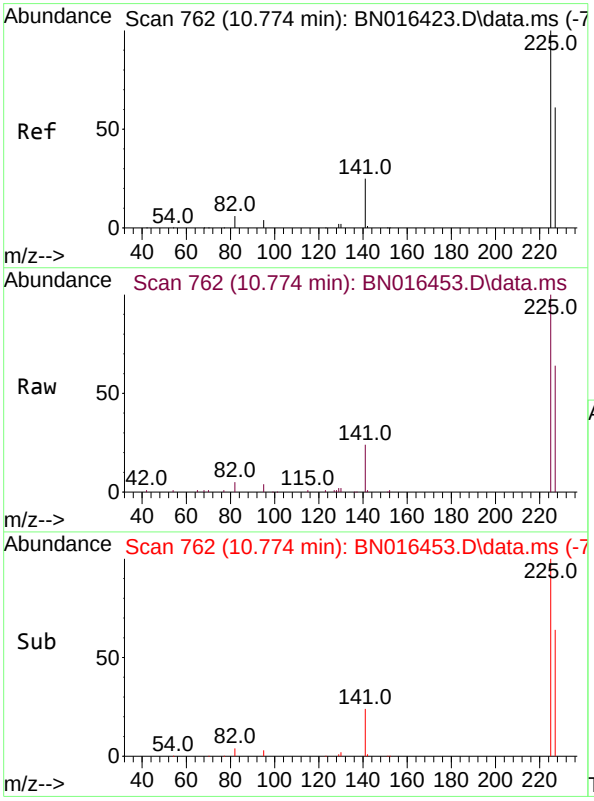
#9
Naphthalene
Concen: 0.375 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:128 Resp: 102335

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.9	10.1	15.1



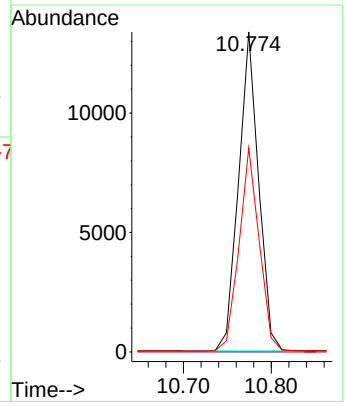
Instrument :
BNA_N
ClientSampleId :

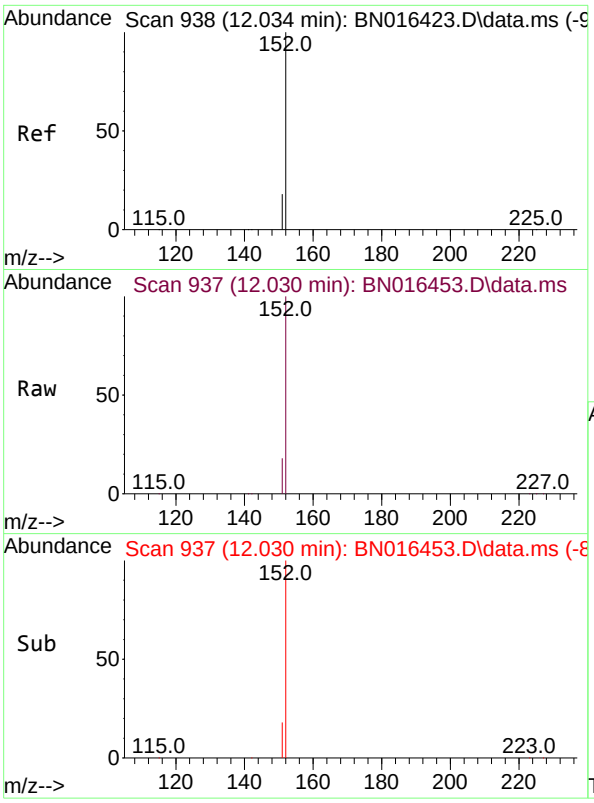


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:225 Resp: 21083

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.5	77.3

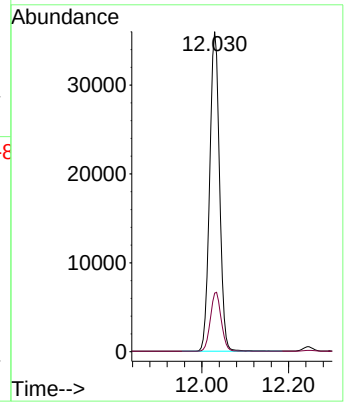




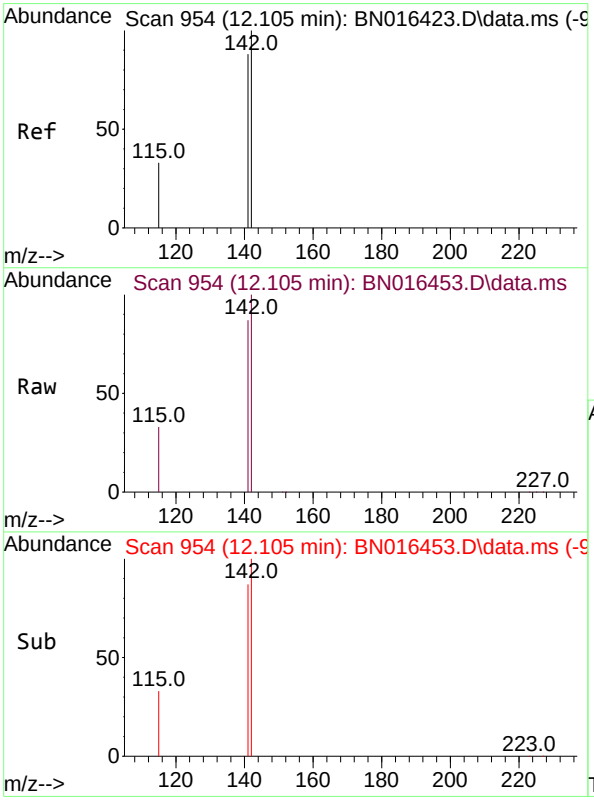
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:152 Resp: 56925

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1



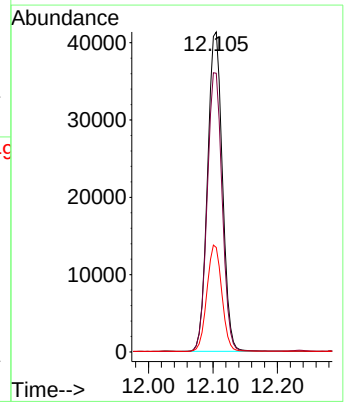
Instrument :
BNA_N
ClientSampleId :



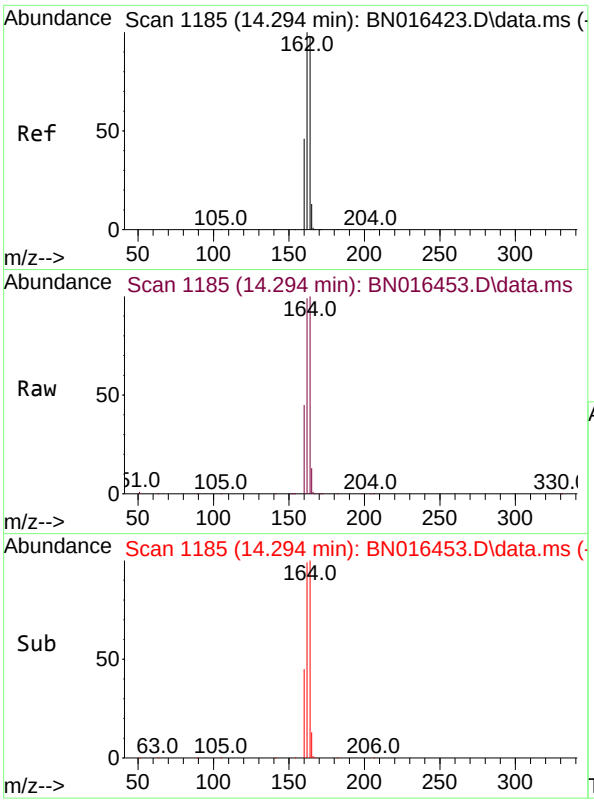
#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.105 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:142 Resp: 66036

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.8	104.8
115	32.7	24.4	36.6



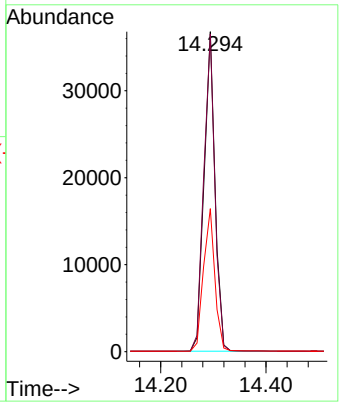
Instrument :
BNA_N
ClientSampleId :

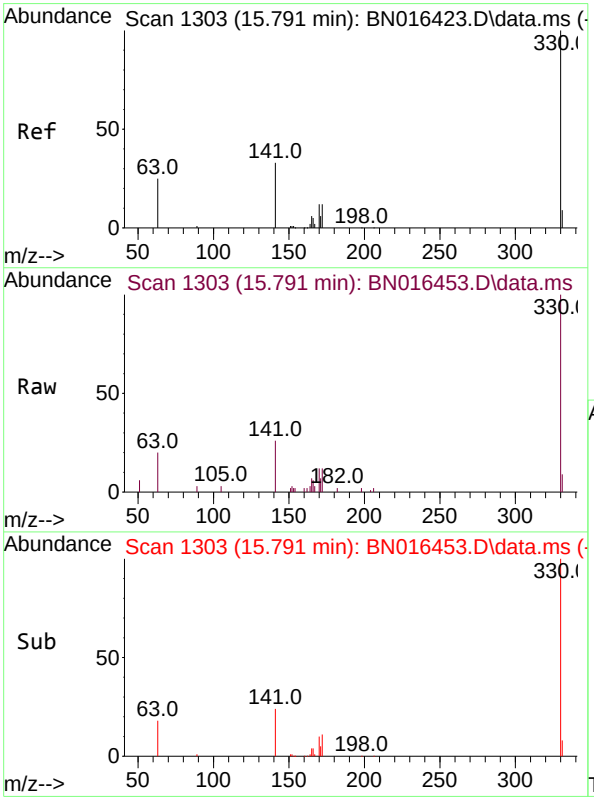


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:164 Resp: 52970

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.0	118.4
160	44.7	34.1	51.1

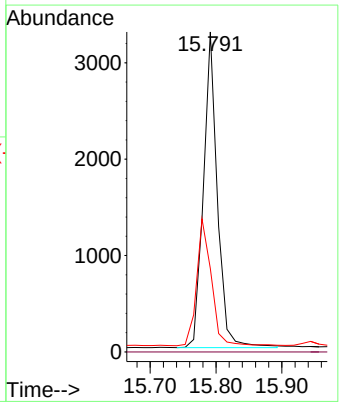


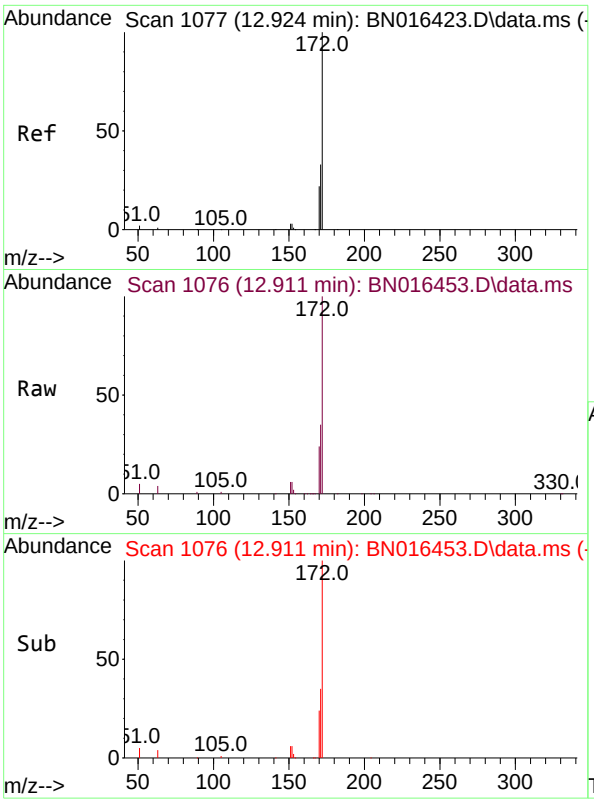


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:330 Resp: 4832

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.0	25.0	37.4#

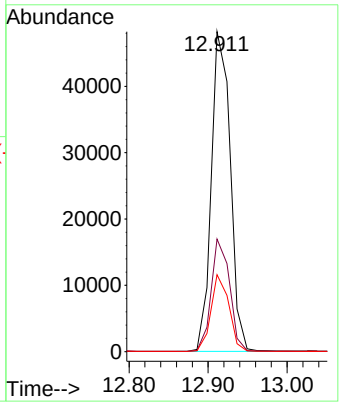


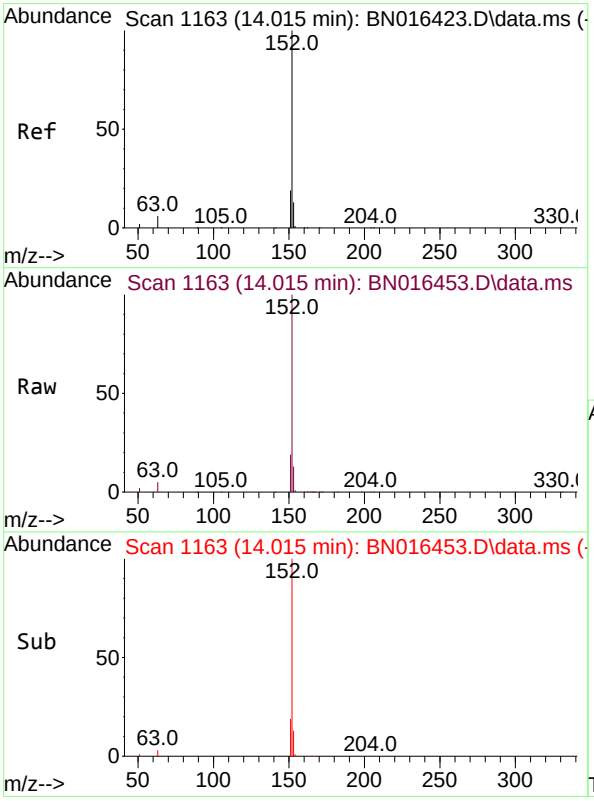


#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:172 Resp: 80555

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	24.1	18.2	27.2

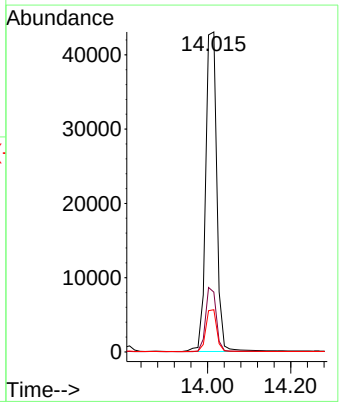




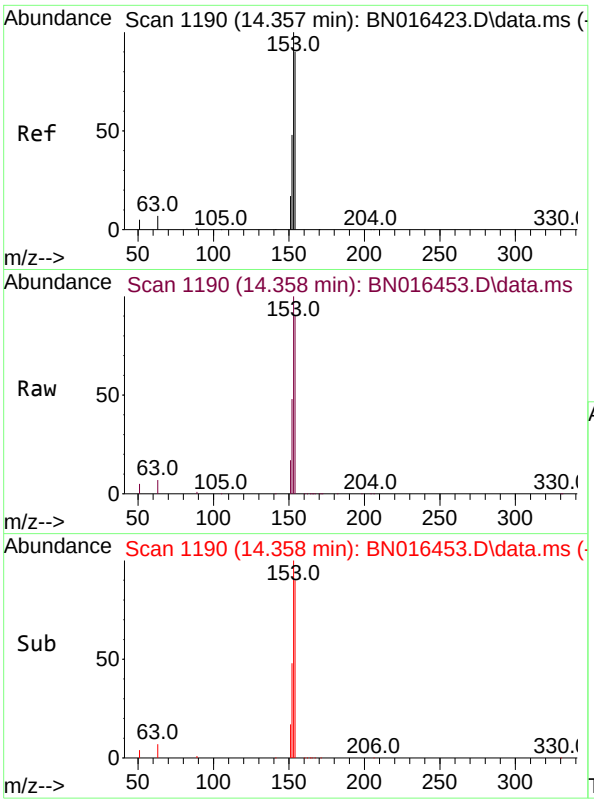
#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:152 Resp: 79735

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8
153	13.0	10.5	15.7



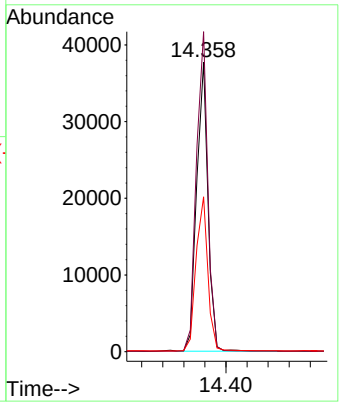
Instrument :
BNA_N
ClientSampleId :



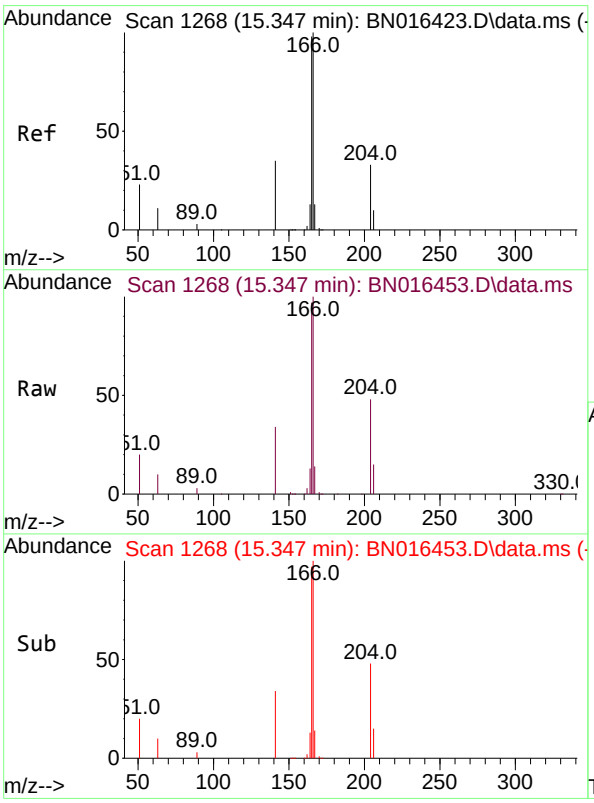
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.358 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:154 Resp: 56186

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.3	133.9
152	55.7	42.2	63.4



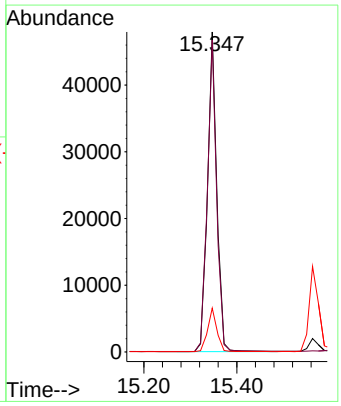
Instrument :
BNA_N
ClientSampleId :



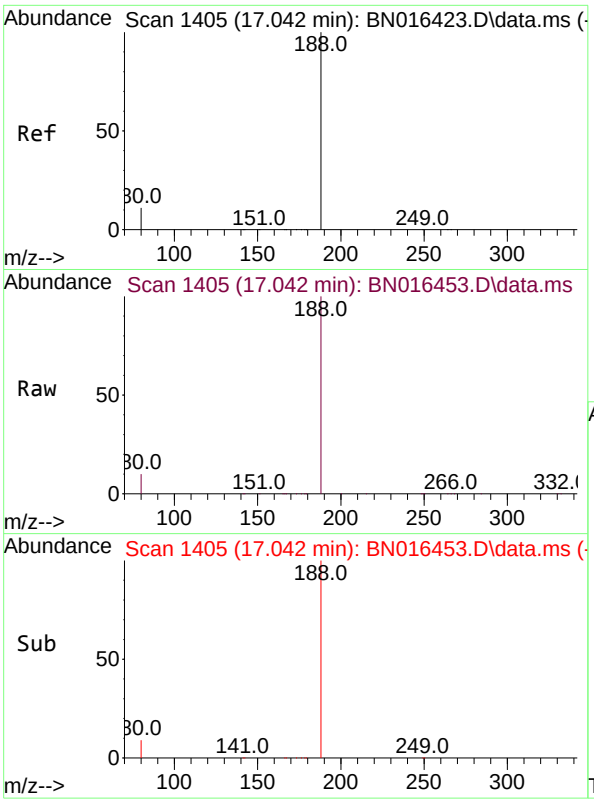
#18
Fluorene
Concen: 0.363 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:166 Resp: 66730

Ion	Ratio	Lower	Upper
166	100		
165	97.7	76.7	115.1
167	13.6	10.9	16.3



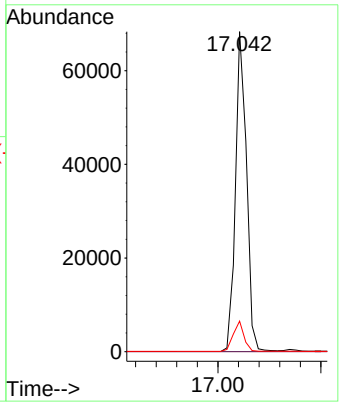
Instrument :
BNA_N
ClientSampleId :

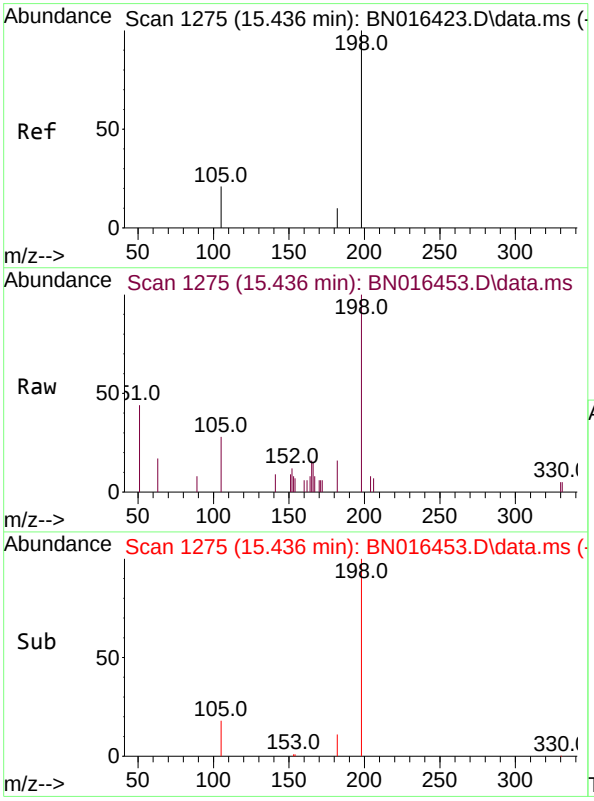


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:188 Resp: 101613

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.0	10.6

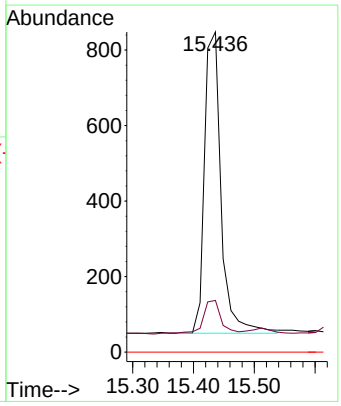


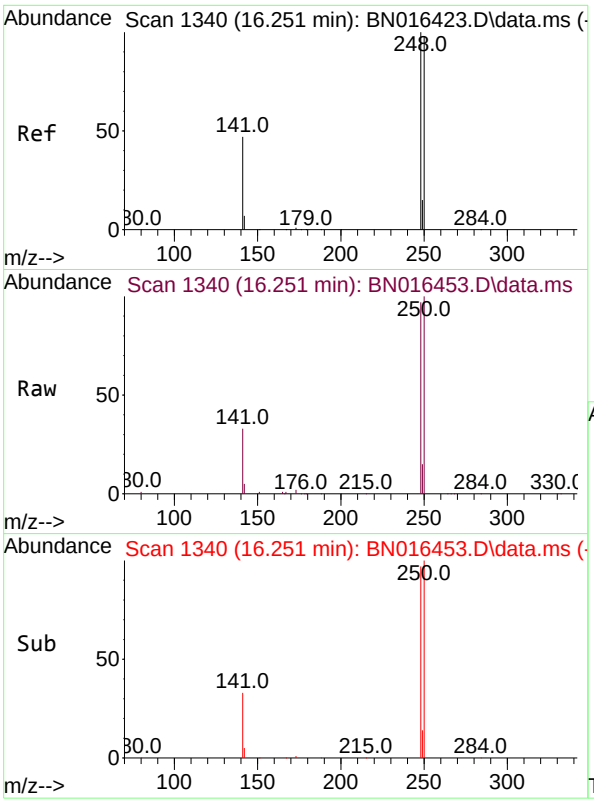


#20
4,6-Dinitro-2-methylphenol
Concen: 0.276 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:198 Resp: 1519

Ion	Ratio	Lower	Upper
198	100		
182	16.2	26.6	39.8#
77	0.0	0.0	0.0

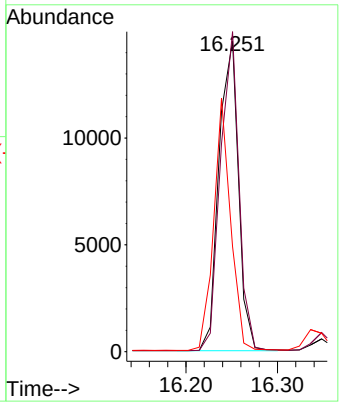




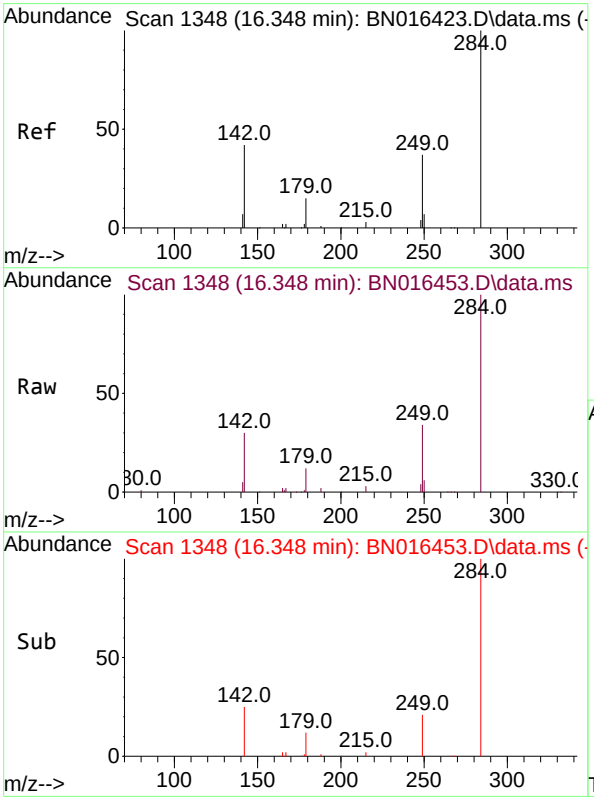
#21
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.251 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:248 Resp: 21531

Ion	Ratio	Lower	Upper
248	100		
250	102.9	80.5	120.7
141	33.8	34.8	52.2#



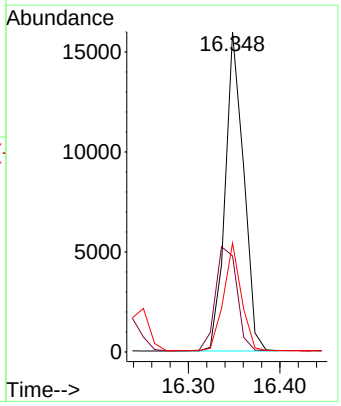
Instrument :
BNA_N
ClientSampleId :



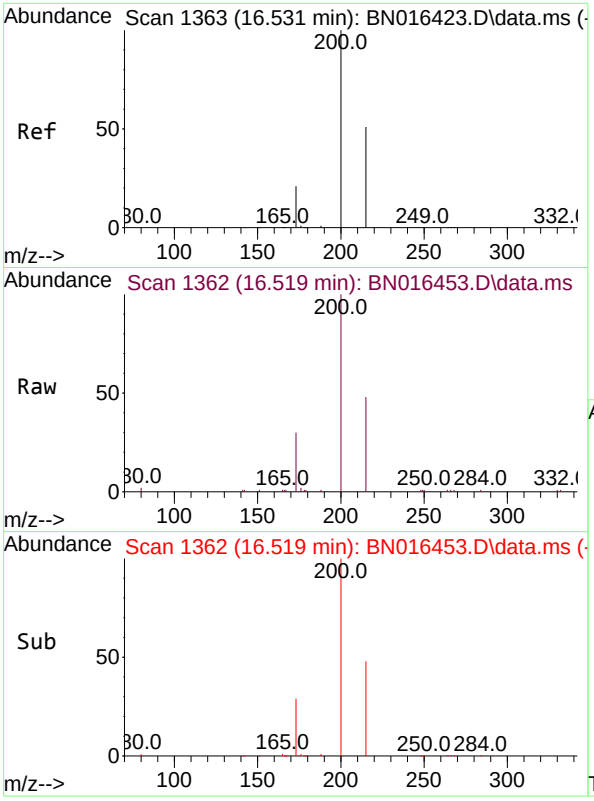
#22
Hexachlorobenzene
Concen: 0.380 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:284 Resp: 22319

Ion	Ratio	Lower	Upper
284	100		
142	37.9	22.6	34.0#
249	32.2	24.4	36.6



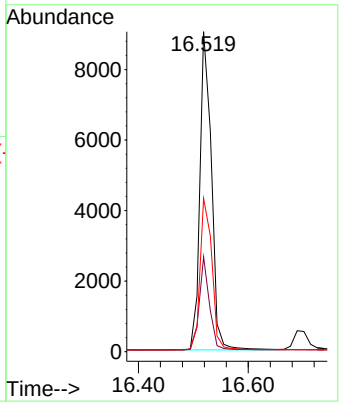
Instrument :
BNA_N
ClientSampleId :

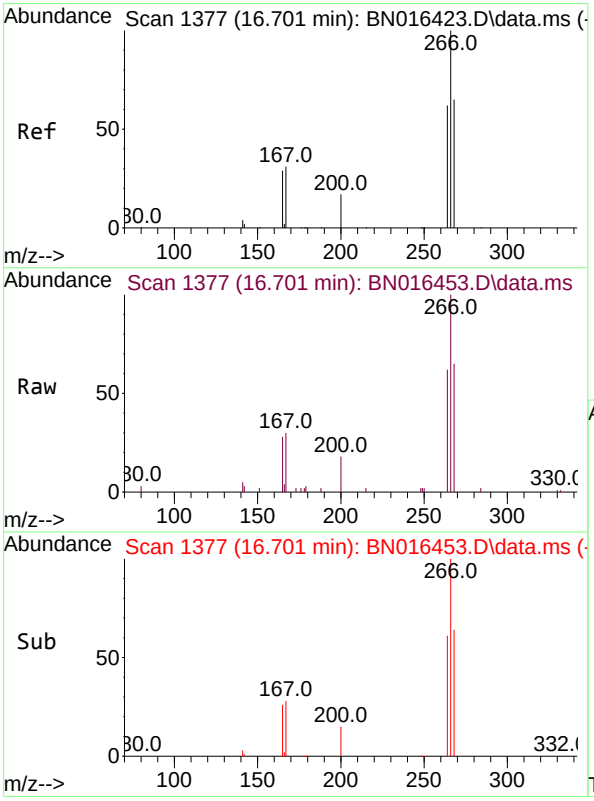


#23
Atrazine
Concen: 0.369 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:200 Resp: 13160

Ion	Ratio	Lower	Upper
200	100		
173	29.6	18.7	28.1#
215	47.9	41.6	62.4

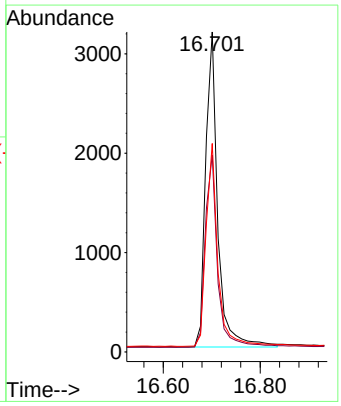


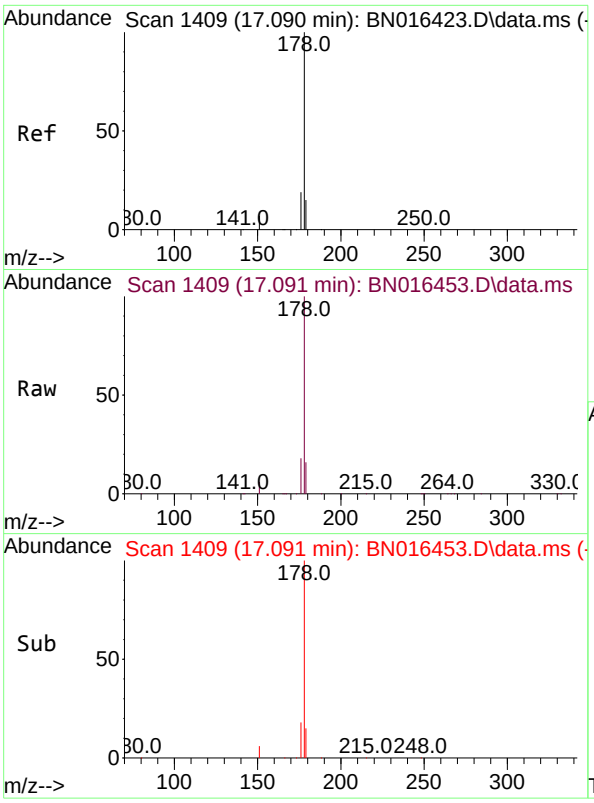


#24
Pentachlorophenol
Concen: 0.427 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:266 Resp: 5516

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.6	75.8
268	63.0	52.6	79.0

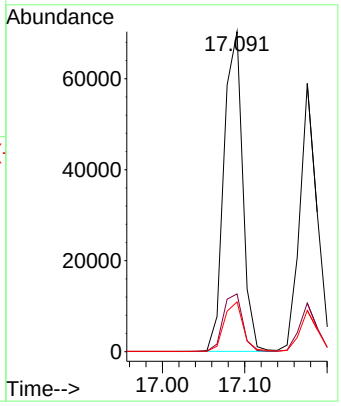




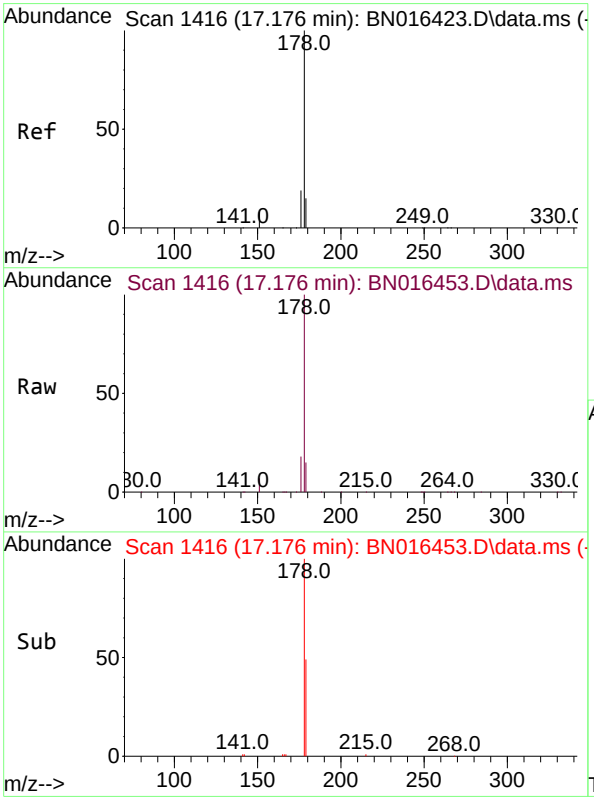
#25
Phenanthrene
Concen: 0.367 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:178 Resp: 111017

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.4	21.6
179	15.8	12.2	18.4



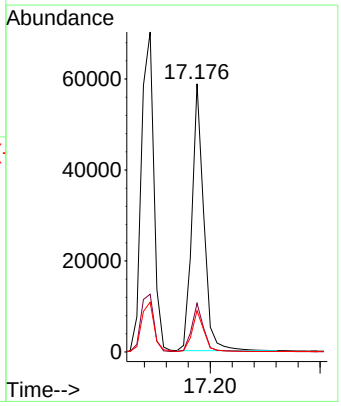
Instrument :
BNA_N
ClientSampleId :

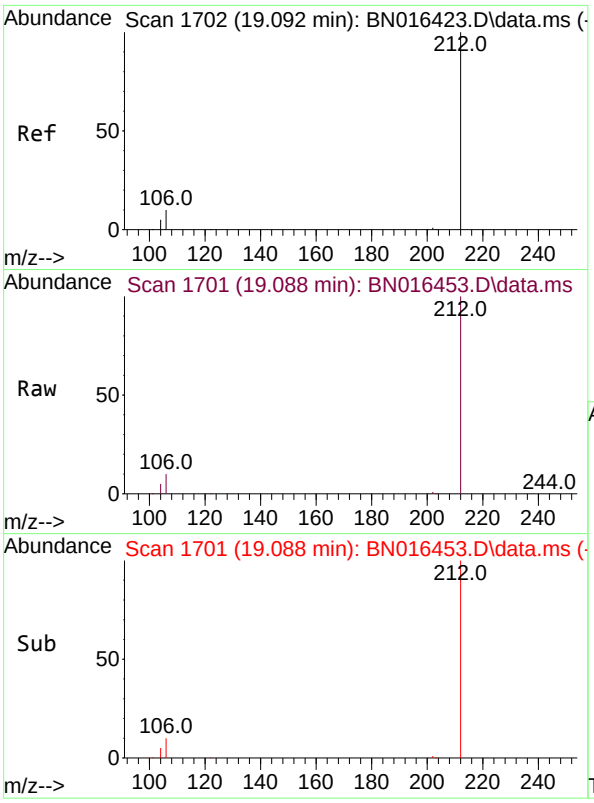


#26
Anthracene
Concen: 0.349 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:178 Resp: 87872

Ion	Ratio	Lower	Upper
178	100		
176	18.2	13.9	20.9
179	15.3	12.2	18.4

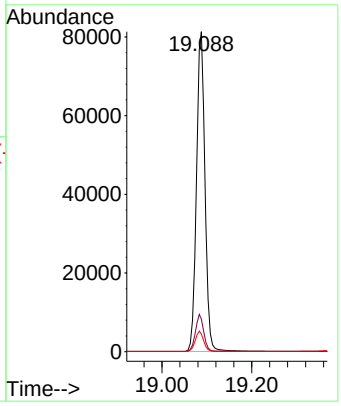




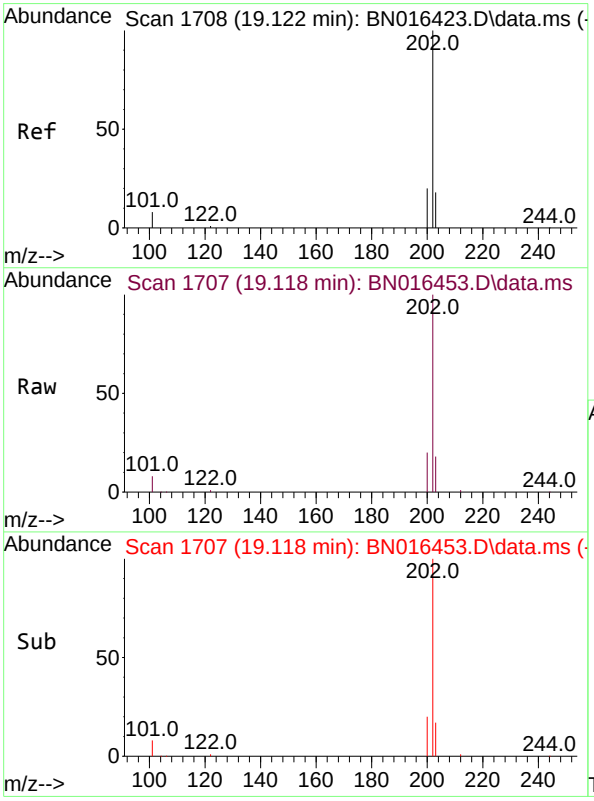
#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:212 Resp: 107656

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.8	14.6
104	6.2	5.4	8.2



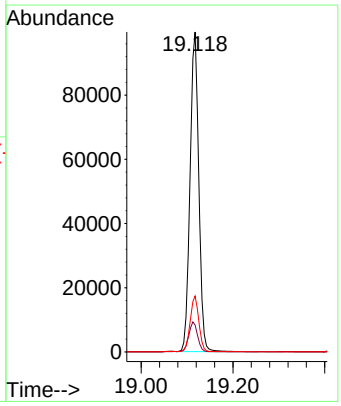
Instrument :
BNA_N
ClientSampleId :

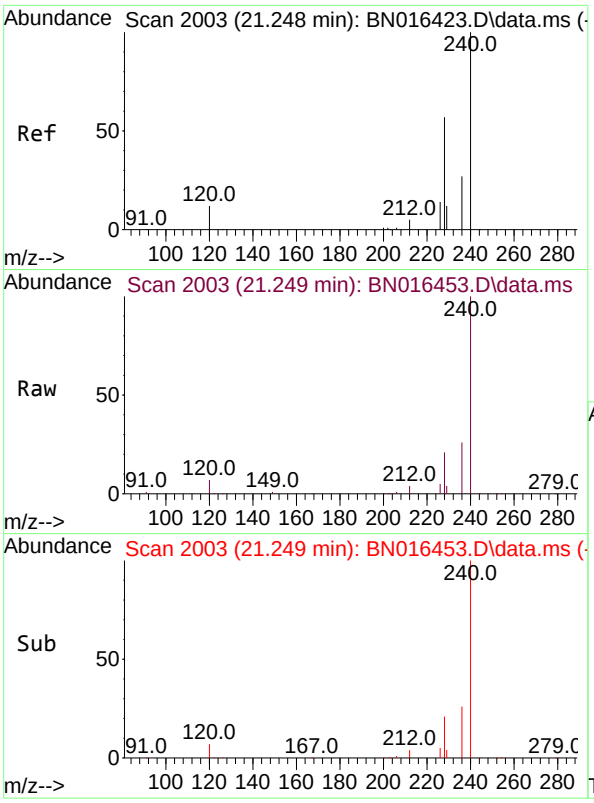


#28
Fluoranthene
Concen: 0.396 ng
RT: 19.118 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:202 Resp: 131281

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.5	12.7
203	17.3	13.8	20.8

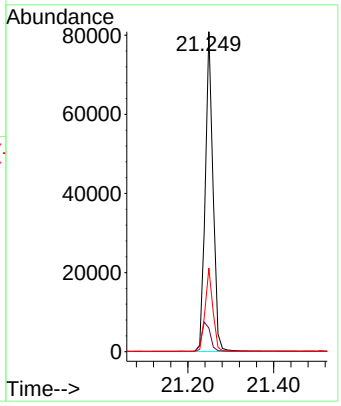




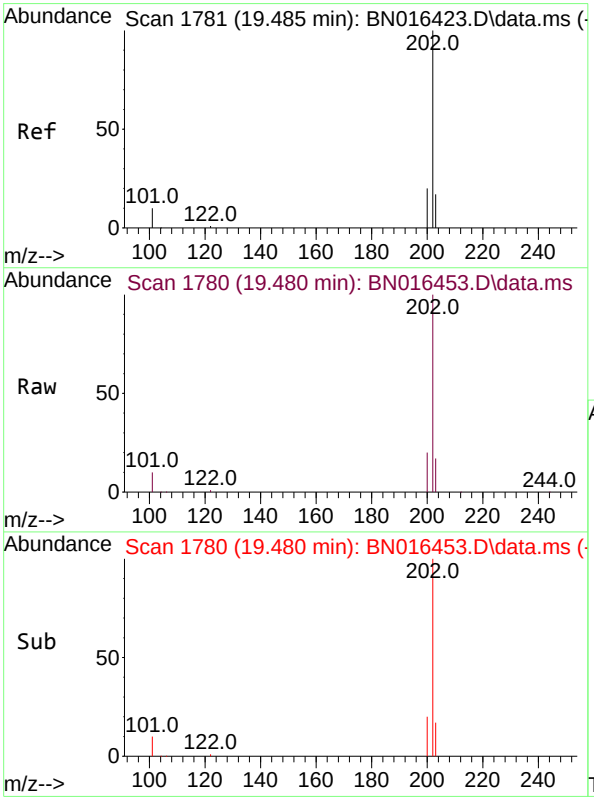
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:240 Resp: 101129

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.3	7.9
236	26.1	19.8	29.8



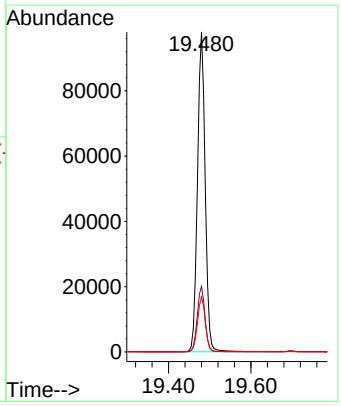
Instrument :
BNA_N
ClientSampleId :

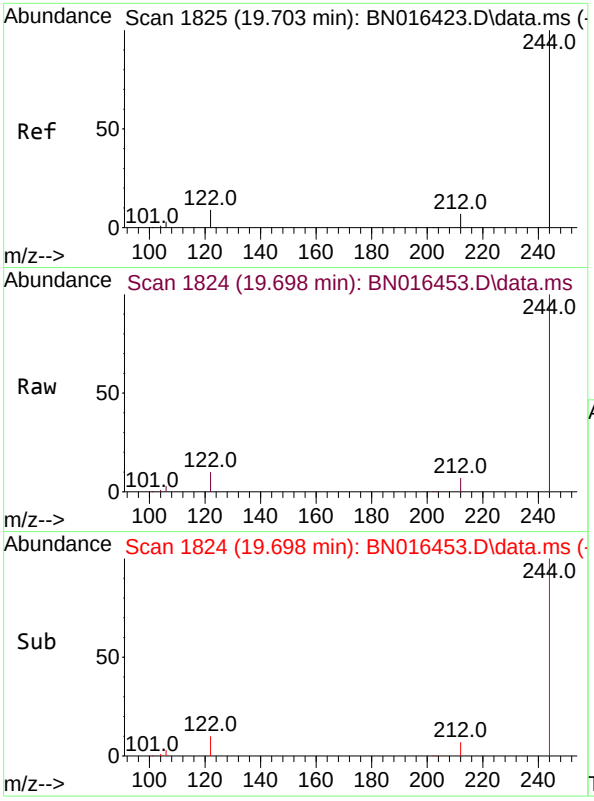


#30
Pyrene
Concen: 0.400 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:202 Resp: 126663

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.8	23.6
203	17.5	13.9	20.9

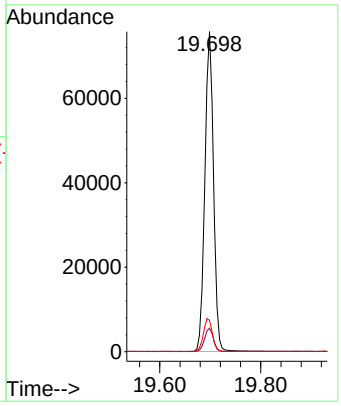




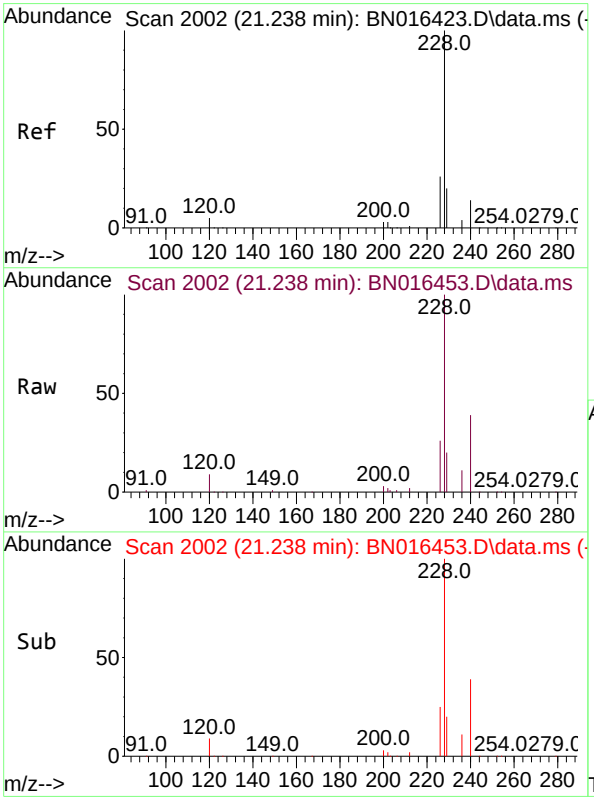
#31
Terphenyl-d14
Concen: 0.383 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:244 Resp: 89962

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	9.8	9.0	13.4



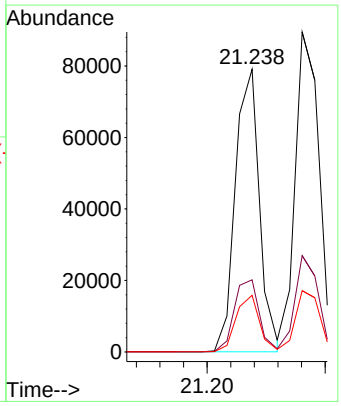
Instrument :
BNA_N
ClientSampleId :

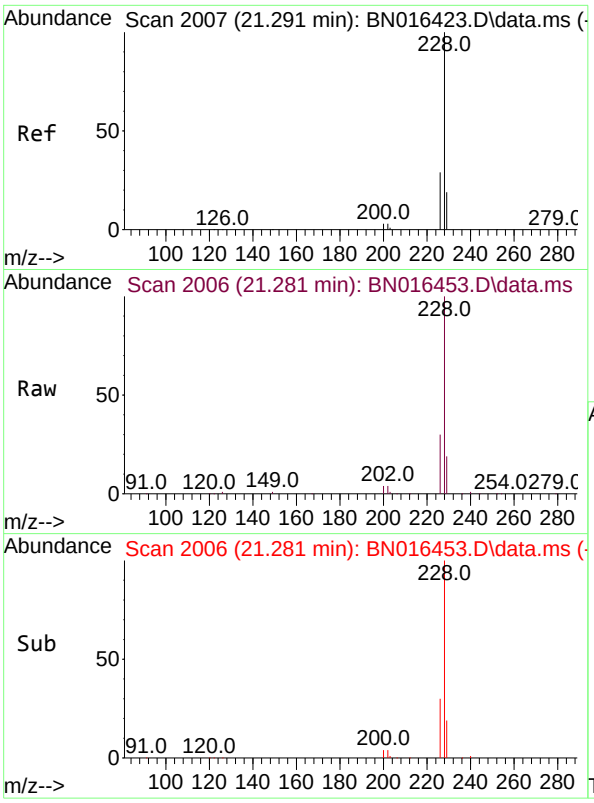


#32
Benzo(a)anthracene
Concen: 0.382 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:228 Resp: 112147

Ion	Ratio	Lower	Upper
228	100		
226	25.5	20.8	31.2
229	20.0	15.8	23.6

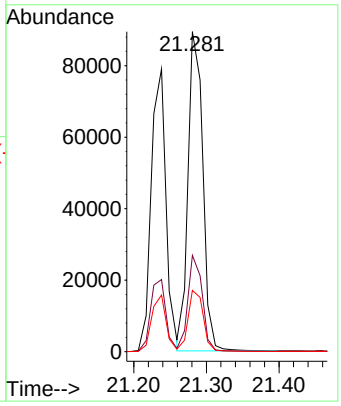


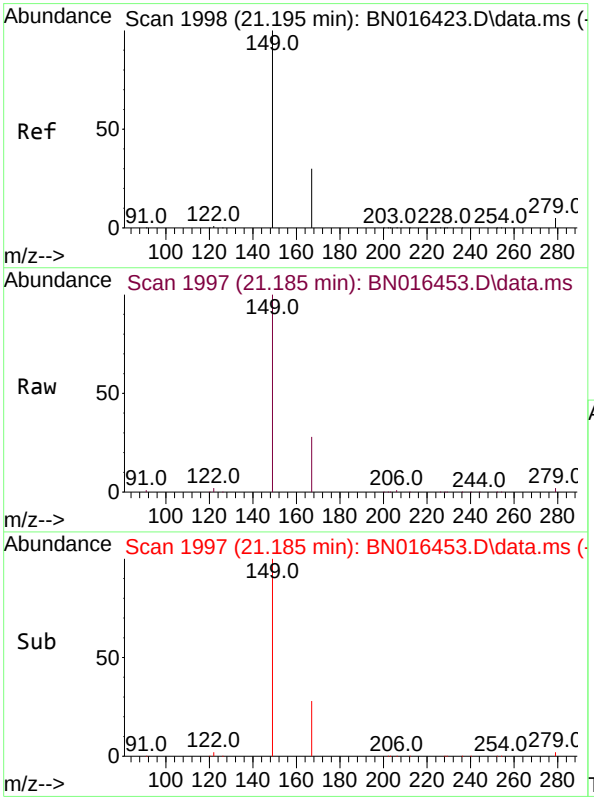


#33
Chrysene
Concen: 0.401 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:228 Resp: 126192

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.4
229	19.2	15.6	23.4

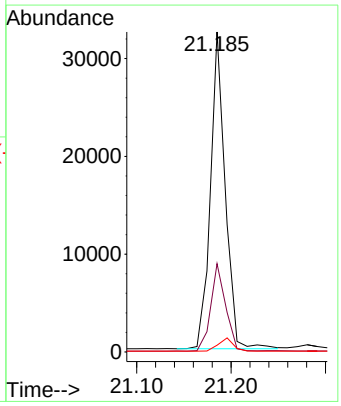




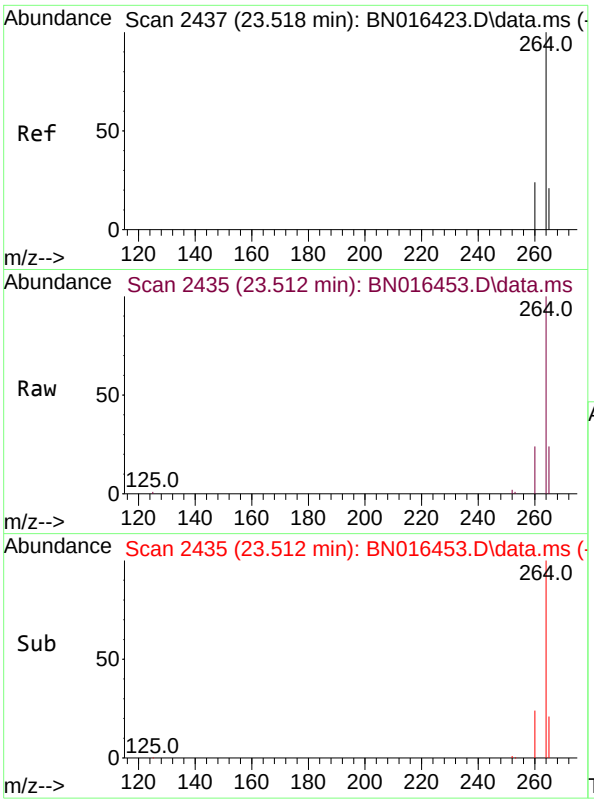
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.438 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:149 Resp: 35054

Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.4	35.0
279	4.2	3.9	5.9



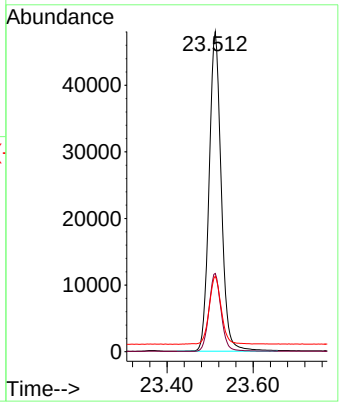
Instrument :
BNA_N
ClientSampleId :



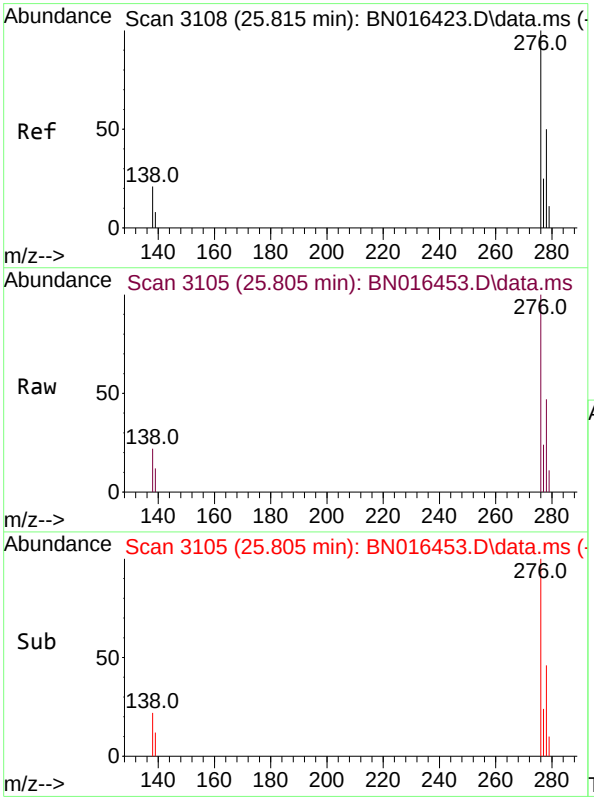
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.512 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:264 Resp: 93777

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	23.6	23.7	35.5#



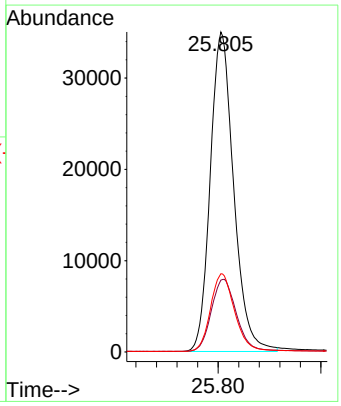
Instrument :
BNA_N
ClientSampleId :

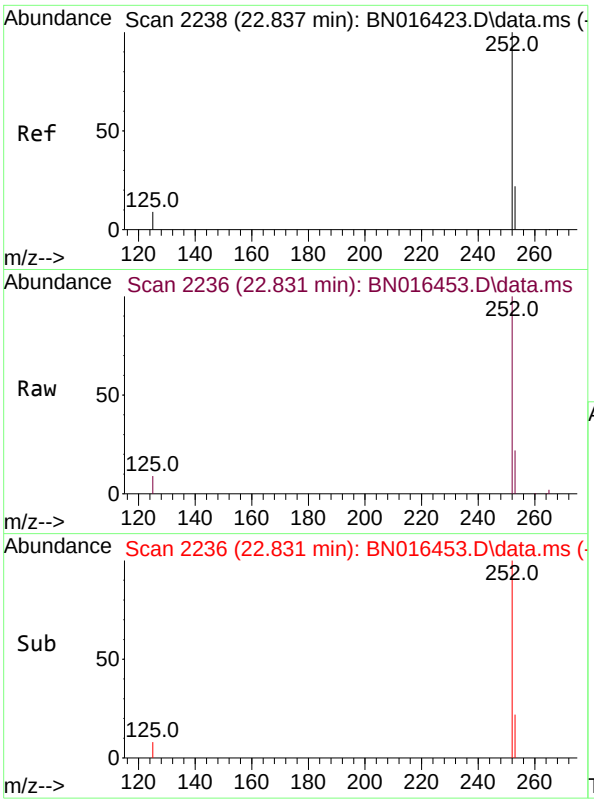


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng
RT: 25.805 min Scan# 3105
Delta R.T. -0.010 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:276 Resp: 110630

Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.3	28.9
277	25.0	20.2	30.2

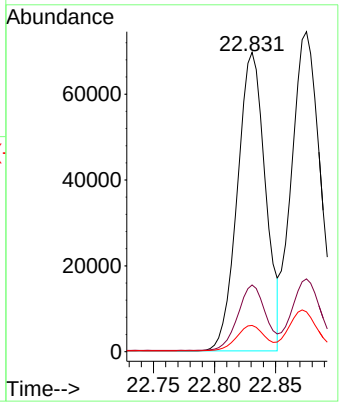




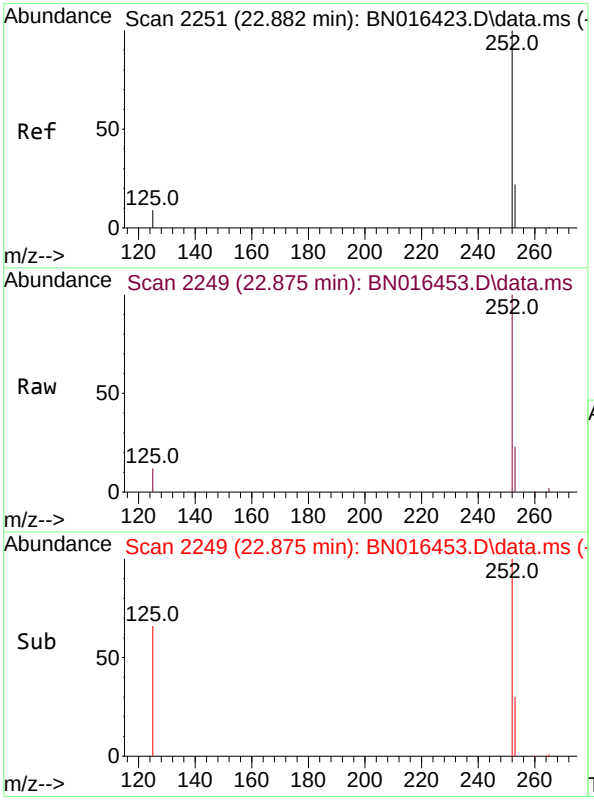
#37
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 22.831 min Scan# 2236
Delta R.T. -0.007 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:252 Resp: 111205

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	8.7	8.4	12.6



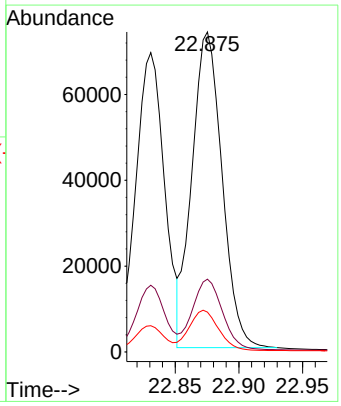
Instrument :
BNA_N
ClientSampleId :

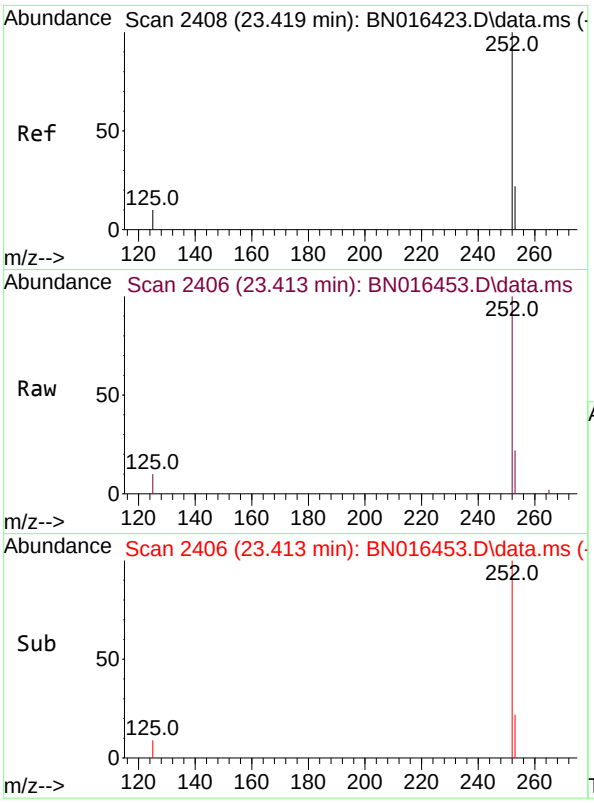


#38
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.875 min Scan# 2249
Delta R.T. -0.007 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:252 Resp: 120775

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.4	8.2	12.4#

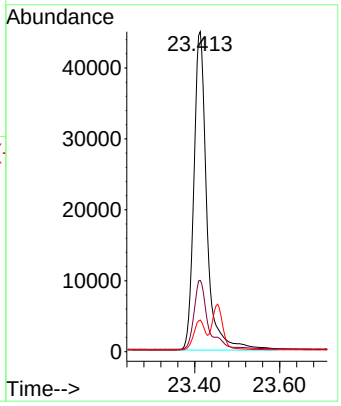




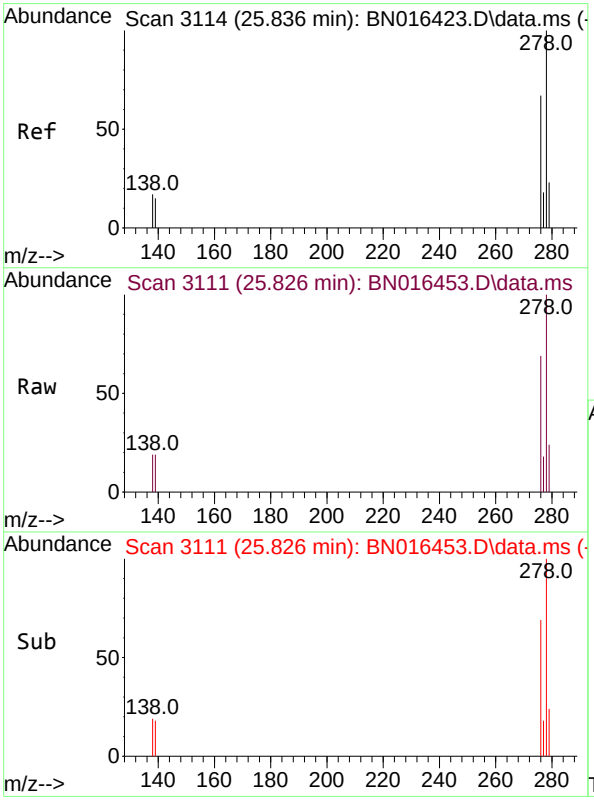
#39
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.413 min Scan# 2406
Delta R.T. -0.007 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:252 Resp: 95004

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	9.9	9.9	14.9#



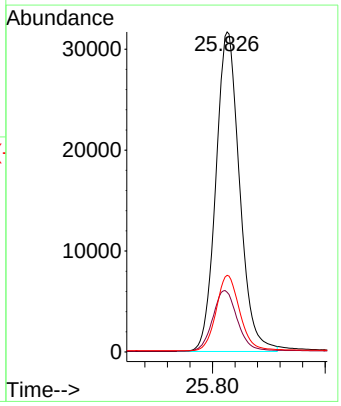
Instrument :
BNA_N
ClientSampleId :

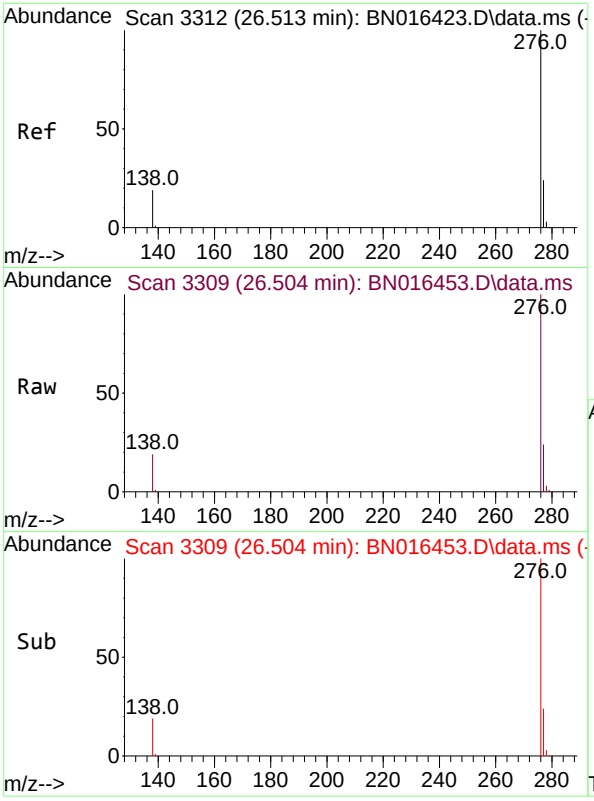


#40
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 25.826 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:278 Resp: 92402

Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.2	21.2
279	23.9	21.3	31.9

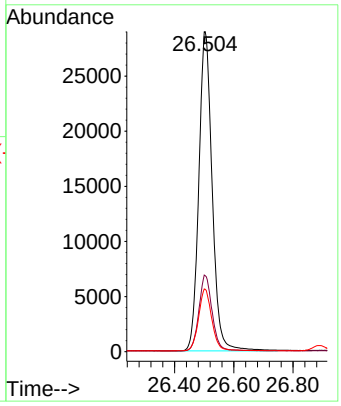




#41
Benzo(g,h,i)perylene
Concen: 0.341 ng
RT: 26.504 min Scan# 3309
Delta R.T. -0.010 min
Lab File: BN016453.D
Acq: 25 Sep 2021 01:50

Tgt Ion:276 Resp: 90682

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.5	30.7
138	19.5	18.2	27.4



Instrument :
BNA_N
ClientSampleId :