Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016738.D
Acq On : 05 Oct 2021 09:24
Operator : CG/JU
Sample : M3829-22MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW202D-20210918MS

Quant Time: Oct 05 10:22:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	24925	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	114489	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	61665	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	120752	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	122007	0.400	ng	0.00
35) Perylene-d12	23.488	264	132117	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	7651	0.120	ng	0.02
5) Phenol-d6	6.831	99	5022	0.071	ng	0.00
8) Nitrobenzene-d5	8.784	82	18754	0.234	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	45752	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10080	0.401	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	58591	0.238	ng	-0.01
27) Fluoranthene-d10	19.068	212	132586	0.401	ng	0.00
31) Terphenyl-d14	19.678	244	111500	0.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.262	88	5654	0.486	ng	# 64
3) n-Nitrosodimethylamine	3.585	42	1914	0.102	ng	# 73
6) bis(2-Chloroethyl)ether	7.080	93	19274	0.285	ng	99
9) Naphthalene	10.457	128	83656	0.267	ng	100
10) Hexachlorobutadiene	10.749	225	13616	0.233	ng	# 100
12) 2-Methylnaphthalene	12.078	142	55682	0.280	ng	98
16) Acenaphthylene	13.989	152	76694	0.282	ng	100
17) Acenaphthene	14.332	154	48553	0.270	ng	99
18) Fluorene	15.322	166	64469	0.297	ng	100
20) 4,6-Dinitro-2-methylph...	15.410	198	2507	0.510	ng	# 69
21) 4-Bromophenyl-phenylether	16.226	248	22145	0.301	ng	# 90
22) Hexachlorobenzene	16.336	284	24100	0.289	ng	99
23) Atrazine	16.506	200	23313	0.400	ng	97
24) Pentachlorophenol	16.677	266	24767	0.949	ng	99
25) Phenanthrene	17.066	178	123693	0.348	ng	100
26) Anthracene	17.151	178	112825	0.356	ng	99
28) Fluoranthene	19.097	202	166943	0.424	ng	99
30) Pyrene	19.460	202	172958	0.431	ng	100
32) Benzo(a)anthracene	21.217	228	177570	0.469	ng	99
33) Chrysene	21.270	228	176795	0.461	ng	99
34) Bis(2-ethylhexyl)phtha...	21.174	149	146873	0.640	ng	99
36) Indeno(1,2,3-cd)pyrene	25.771	276	222185	0.530	ng	100
37) Benzo(b)fluoranthene	22.810	252	197998	0.463	ng	99
38) Benzo(k)fluoranthene	22.858	252	189094	0.461	ng	99
39) Benzo(a)pyrene	23.388	252	182786	0.478	ng	100
40) Dibenzo(a,h)anthracene	25.795	278	179386	0.539	ng	100
41) Benzo(g,h,i)perylene	26.466	276	194250	0.522	ng	100

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

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Data File : BN016738.D
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Misc :
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Instrument :
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ClientSampleId :
MW202D-20210918MS

Quant Time: Oct 05 10:22:00 2021
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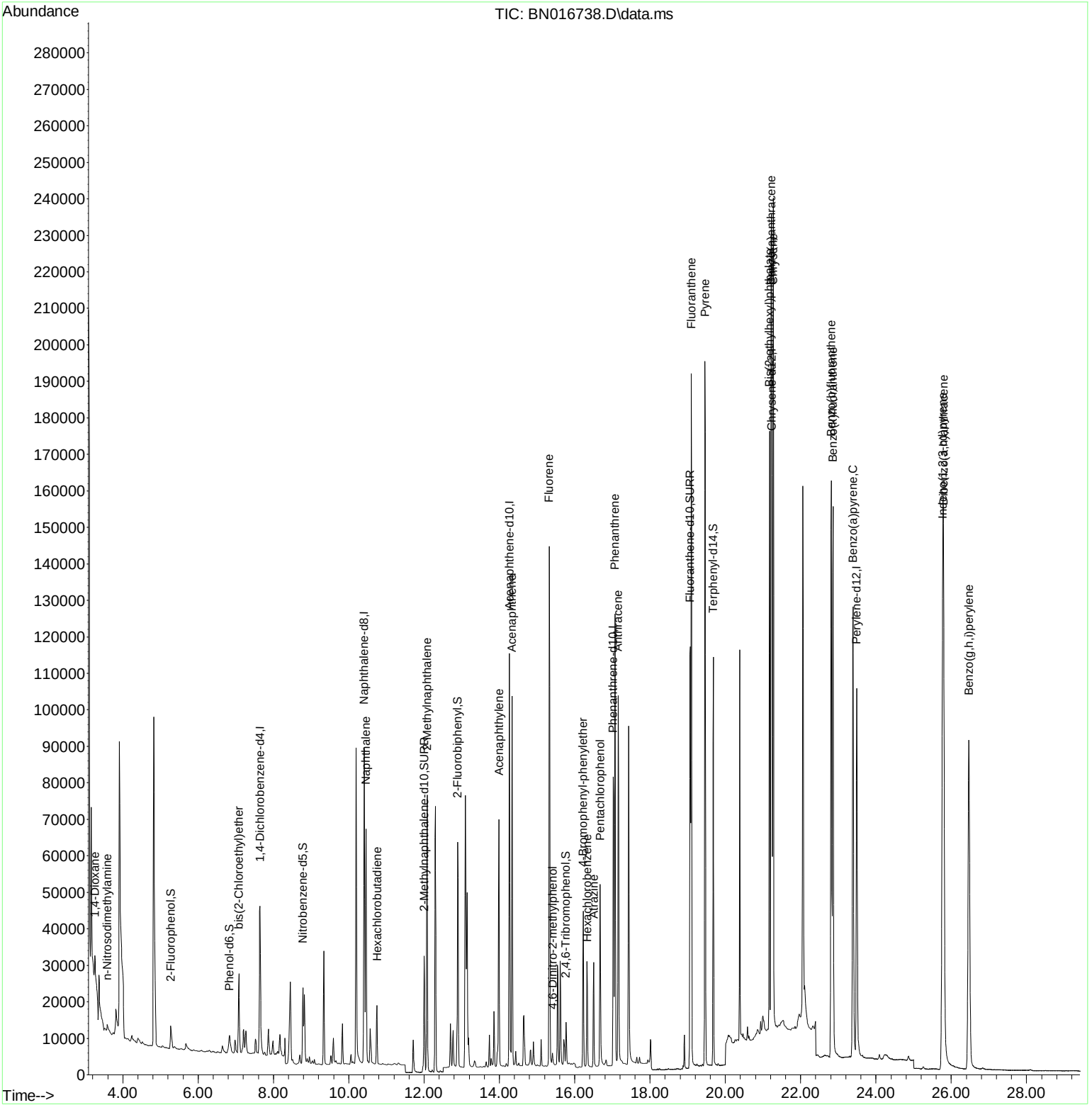
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration



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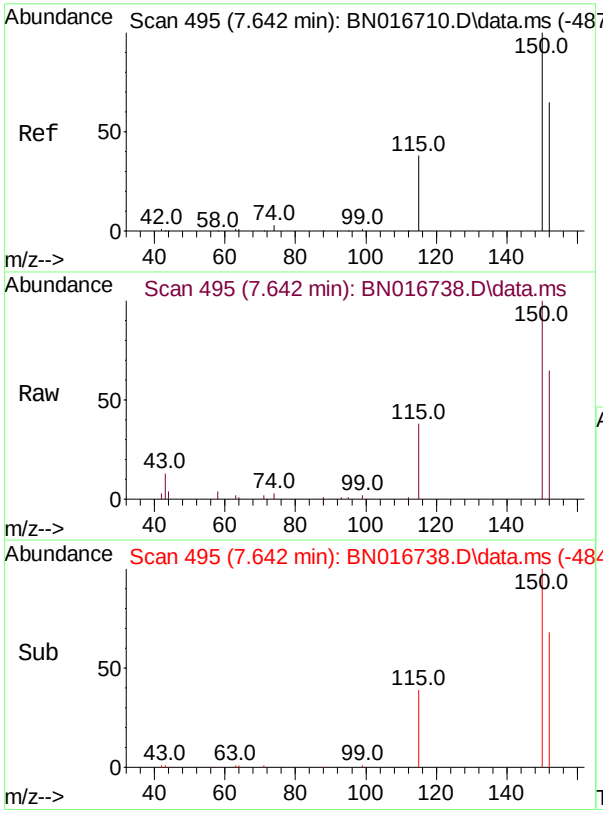
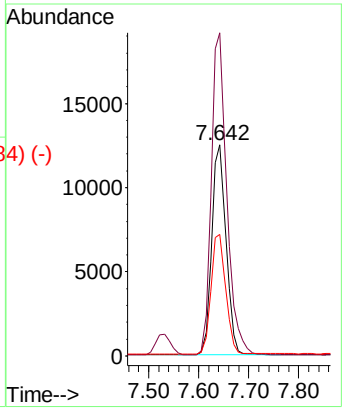
ClientSampleId :
MW202D-20210918MS

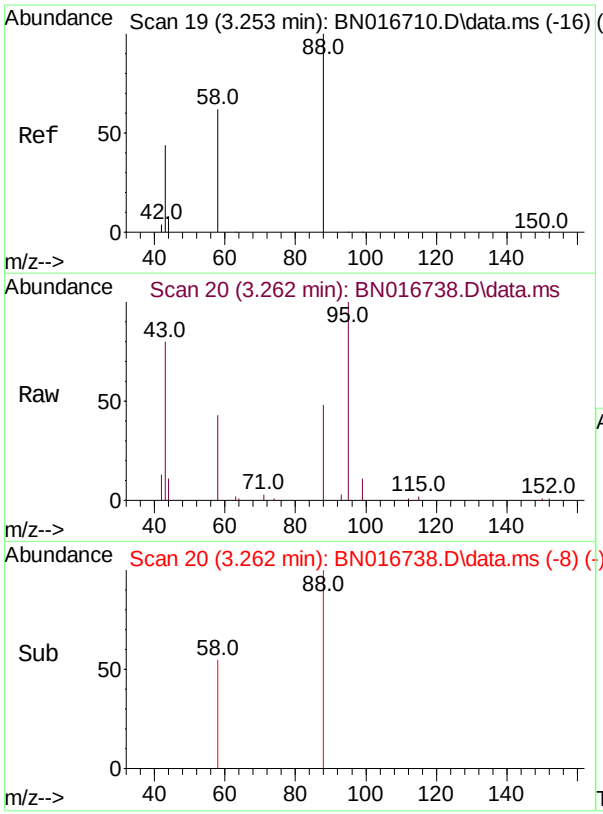


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:152 Resp: 24925

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.3	184.9
115	57.5	47.0	70.6

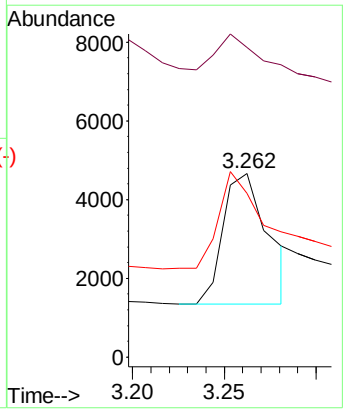




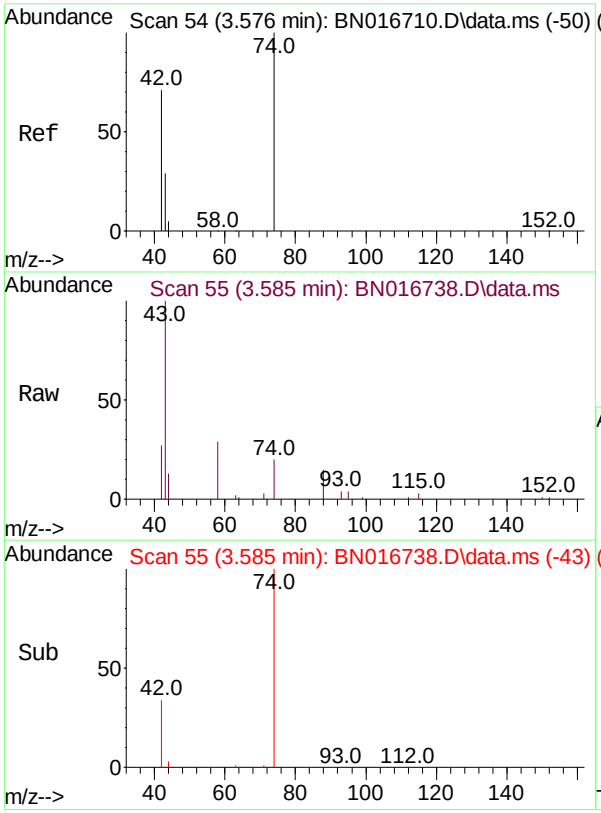
#2
1,4-Dioxane
Concen: 0.486 ng
RT: 3.262 min Scan# 20
Delta R.T. 0.009 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion: 88 Resp: 5654

Ion	Ratio	Lower	Upper
88	100		
43	21.5	61.7	92.5#
58	71.1	62.2	93.2



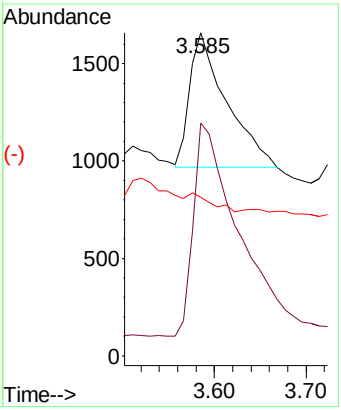
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS

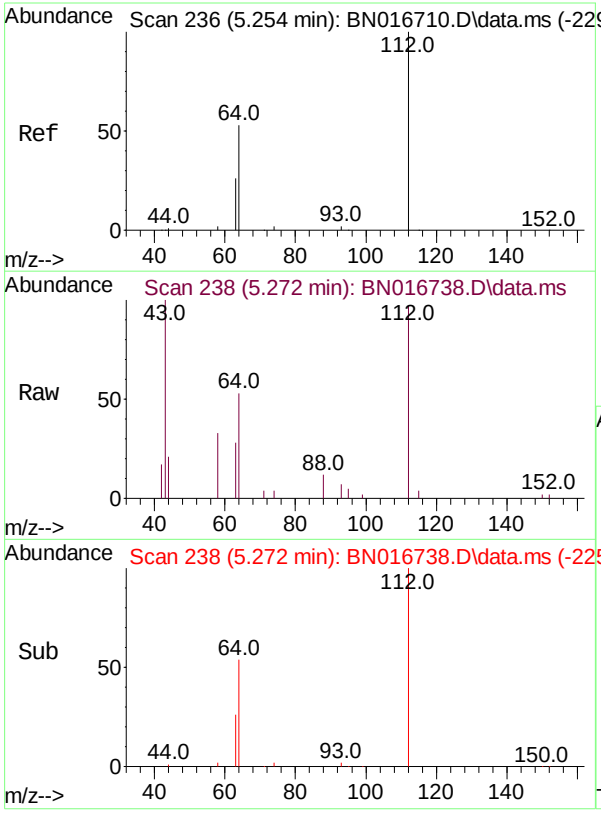


#3
n-Nitrosodimethylamine
Concen: 0.102 ng
RT: 3.585 min Scan# 55
Delta R.T. 0.009 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion: 42 Resp: 1914

Ion	Ratio	Lower	Upper
42	100		
74	189.8	124.0	186.0#
44	0.0	5.6	8.4#

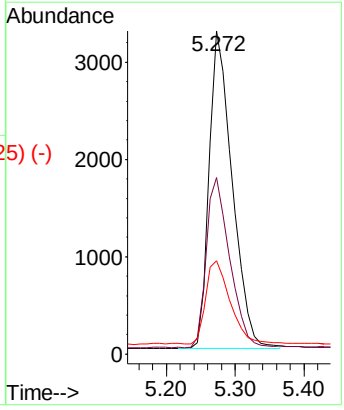




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:112 Resp: 7651

Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.9	64.3
63	27.1	21.5	32.3



Instrument :
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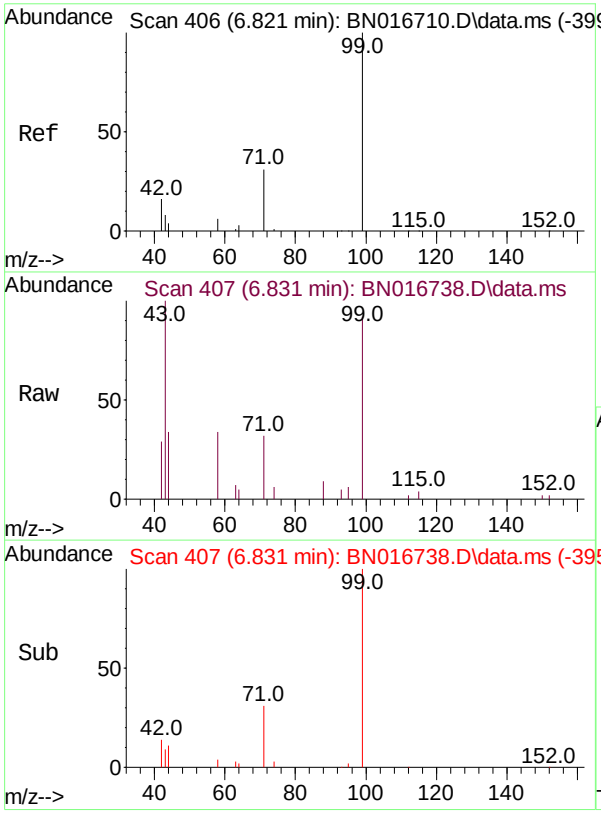
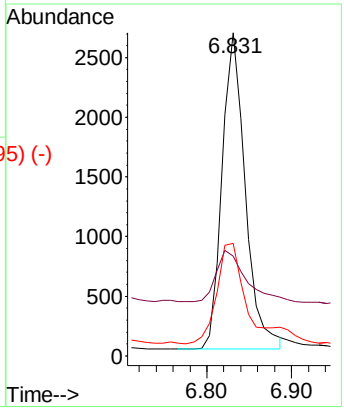
ClientSampleId :
MW202D-20210918MS

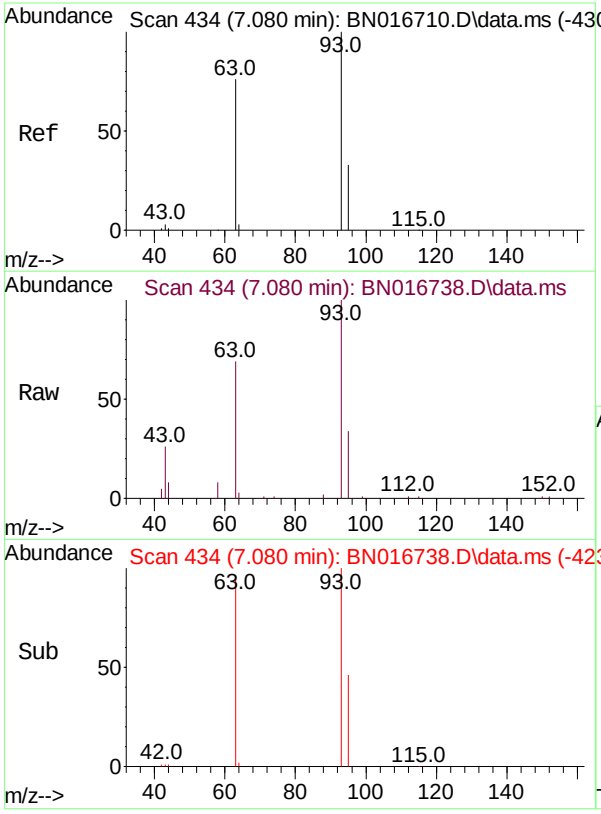


#5
Phenol-d6
Concen: 0.071 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion: 99 Resp: 5022

Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.4	20.2#
71	38.7	24.0	36.0#

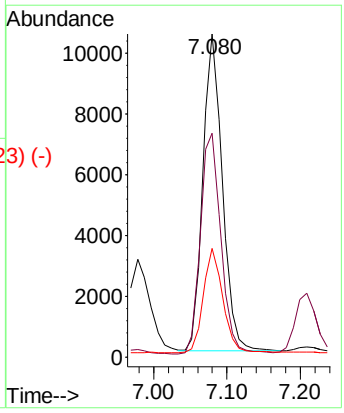




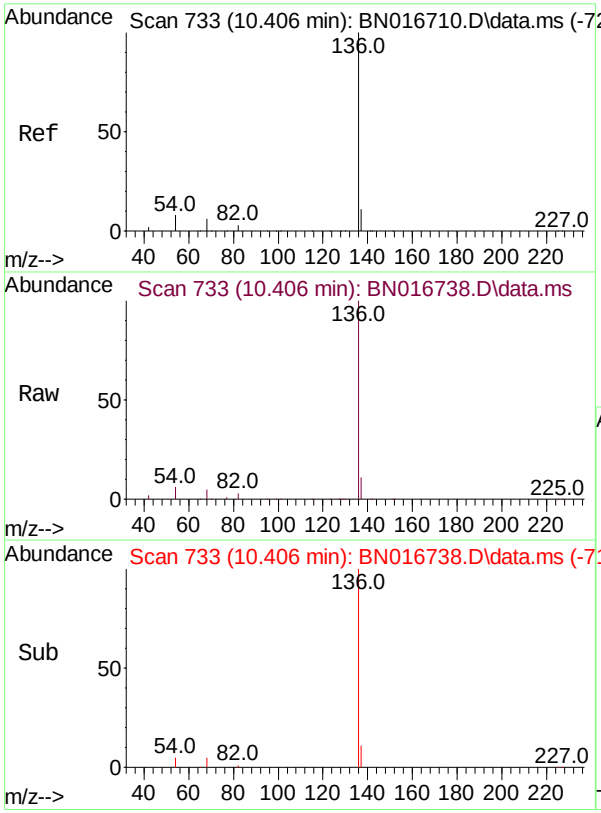
#6
bis(2-Chloroethyl)ether
Concen: 0.285 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion: 93 Resp: 19274

Ion	Ratio	Lower	Upper
93	100		
63	73.2	59.0	88.6
95	33.2	26.4	39.6



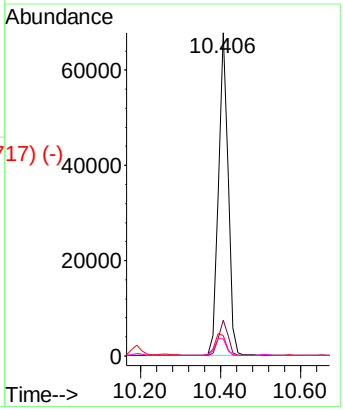
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS

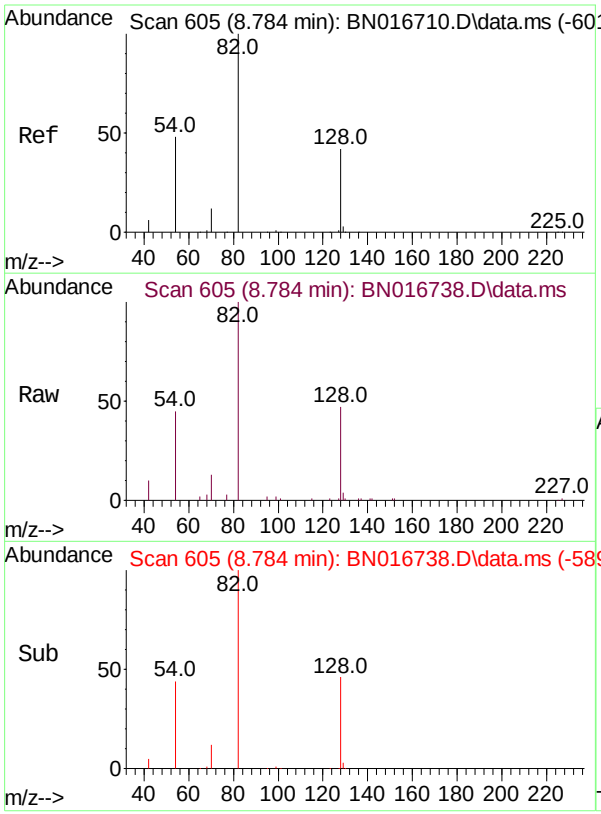


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:136 Resp: 114489

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.2	6.5	9.7#
68	5.4	5.3	7.9

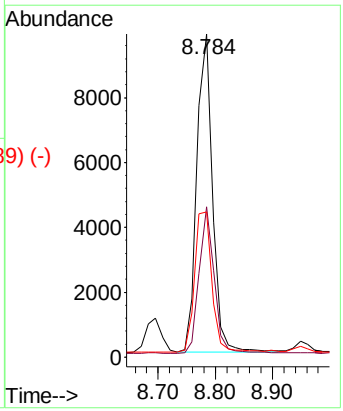




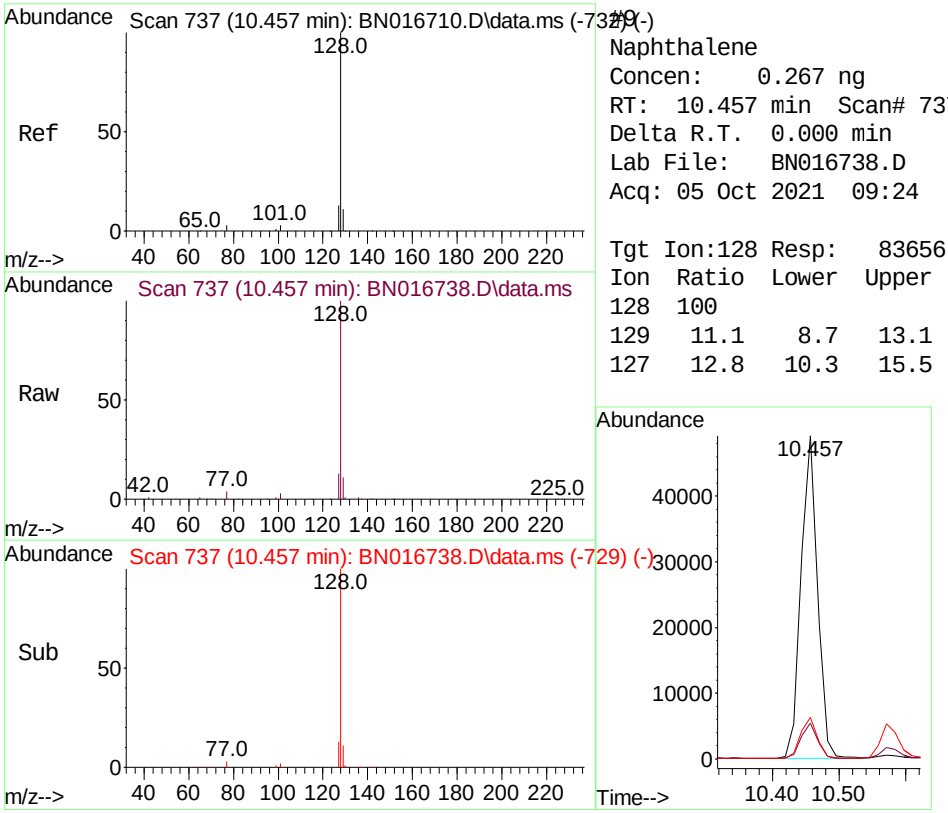
#8
Nitrobenzene-d5
Concen: 0.234 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion: 82 Resp: 18754

Ion	Ratio	Lower	Upper
82	100		
128	46.6	33.8	50.6
54	44.9	38.5	57.7



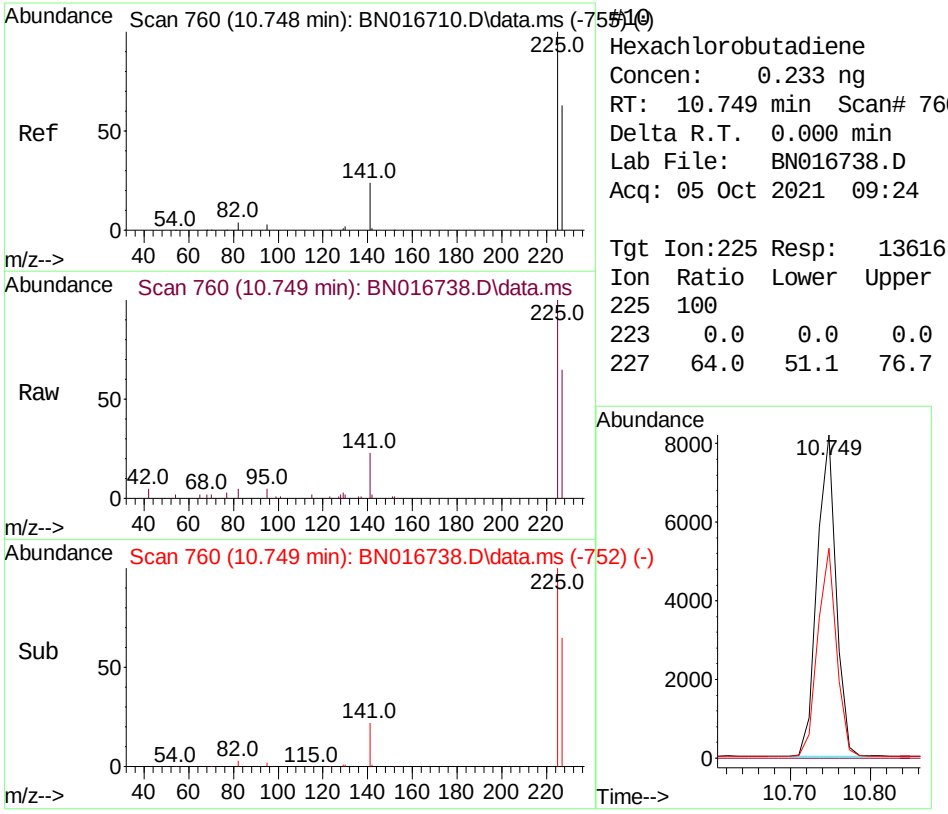
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS



#9
Naphthalene
Concen: 0.267 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:128 Resp: 83656

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.8	10.3	15.5

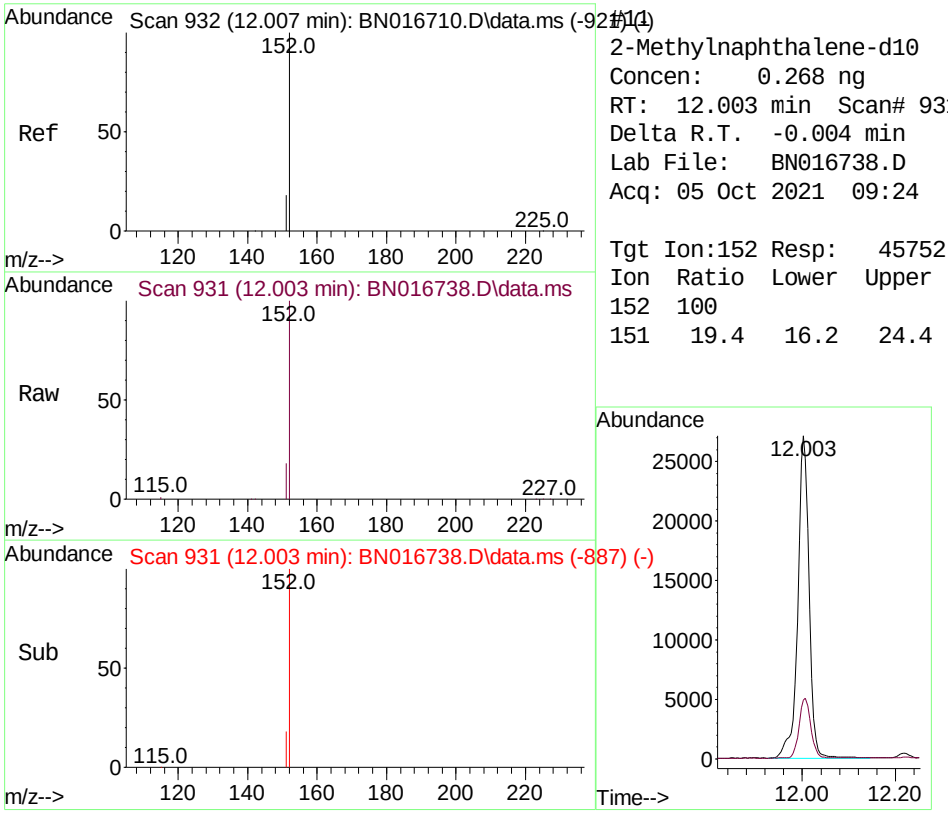


#10
Hexachlorobutadiene
Concen: 0.233 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:225 Resp: 13616

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.1	76.7

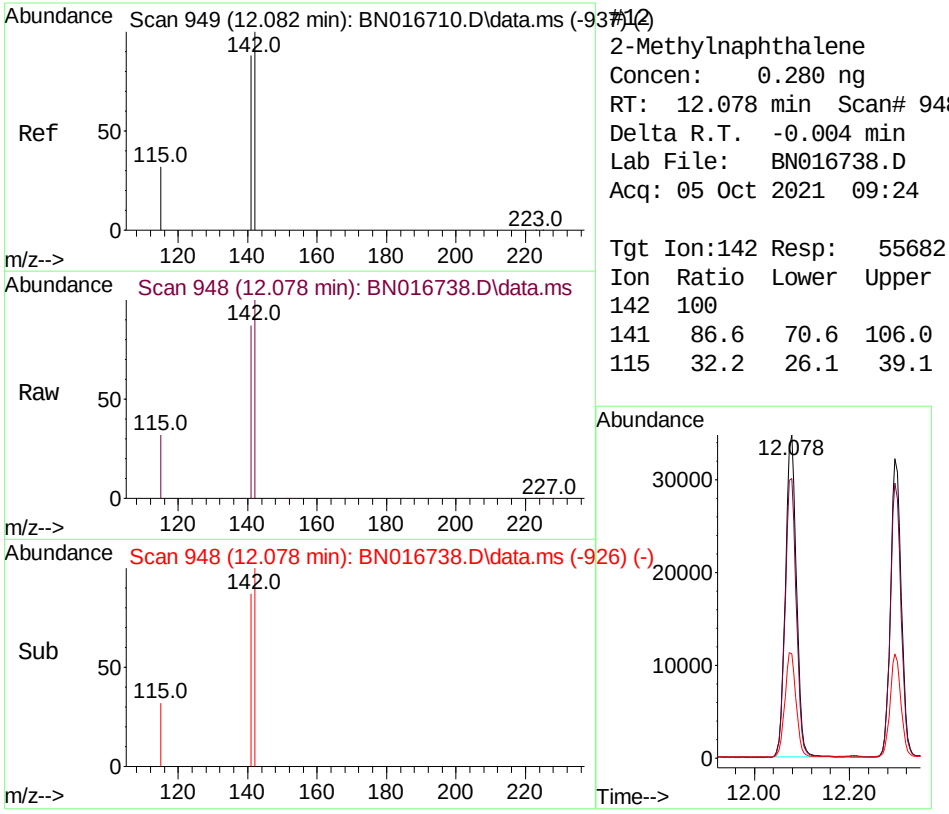
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS



#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:152 Resp: 45752

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4



#12
2-Methylnaphthalene
Concen: 0.280 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.004 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:142 Resp: 55682

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.6	106.0
115	32.2	26.1	39.1

Instrument :
BNA_N
ClientSampleId :
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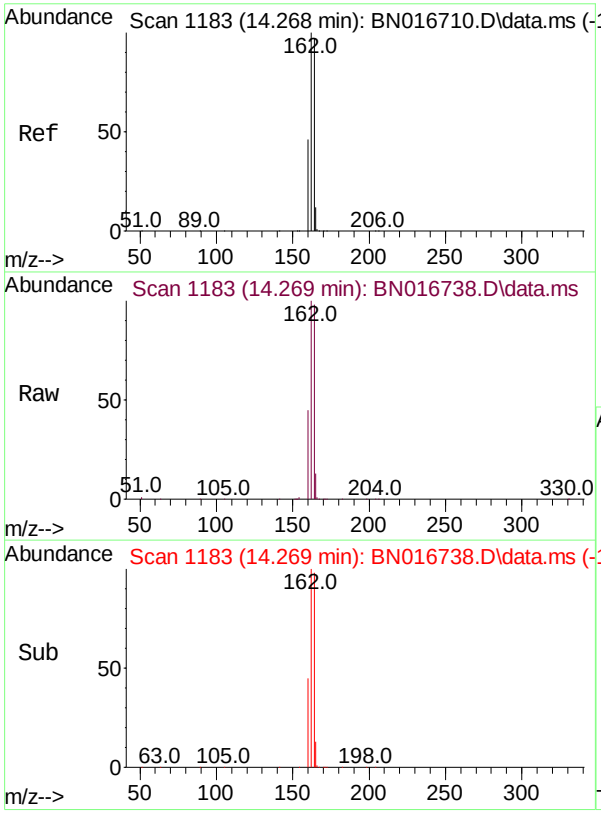
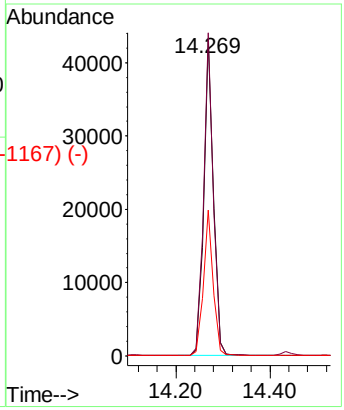
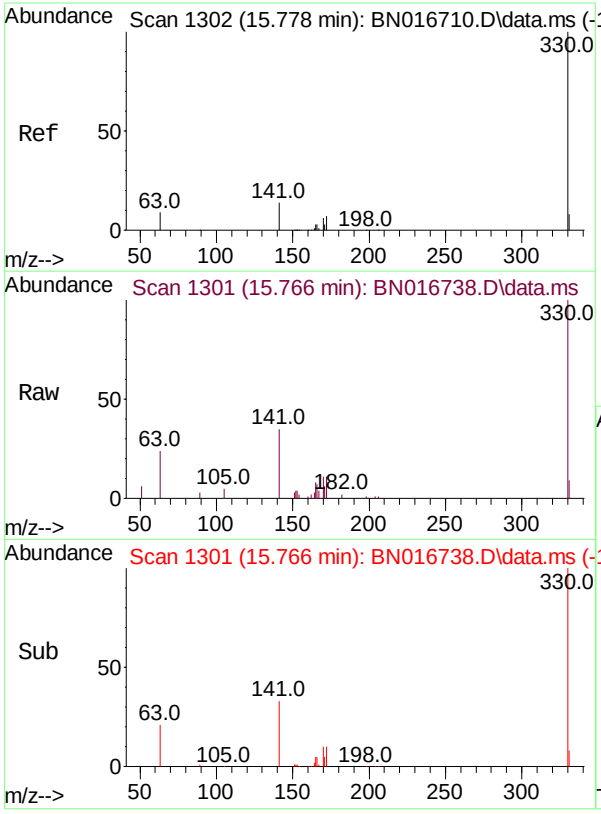


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:164 Resp: 61665

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	124.0
160	46.2	38.2	57.2

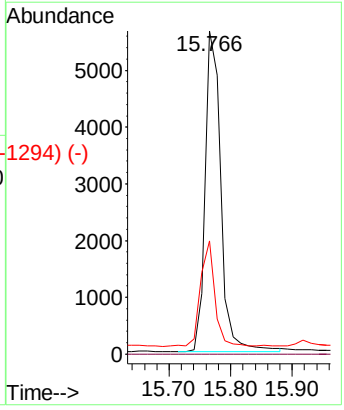




#14
2,4,6-Tribromophenol
Concen: 0.401 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:330 Resp: 10080

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.4	24.2	36.2



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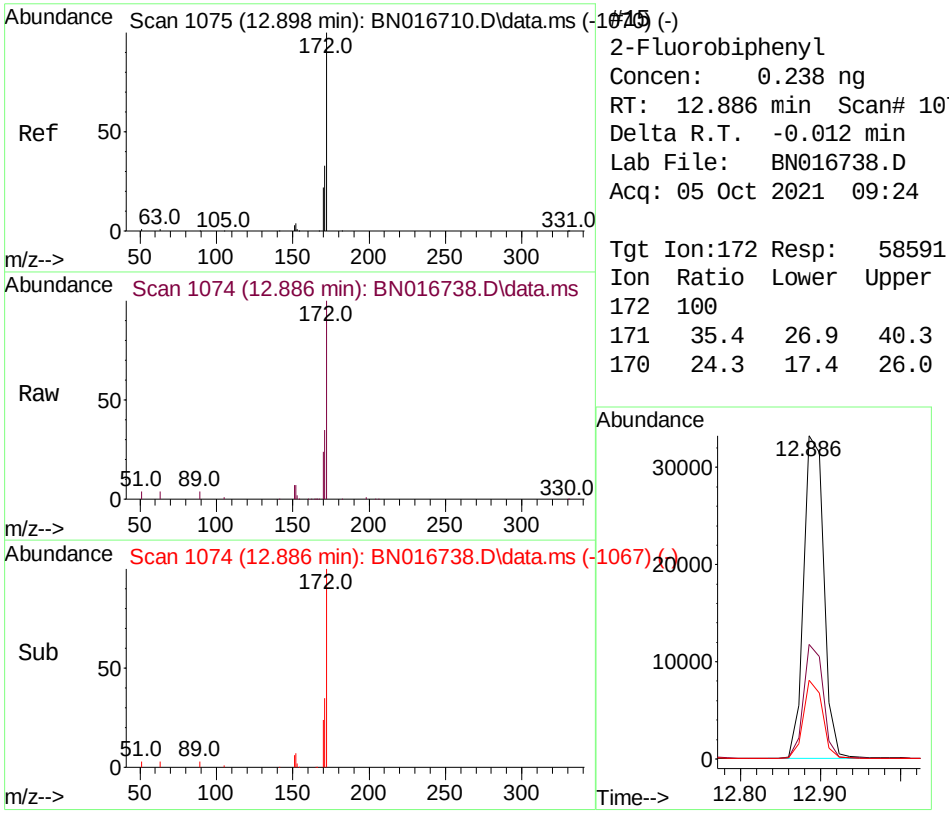
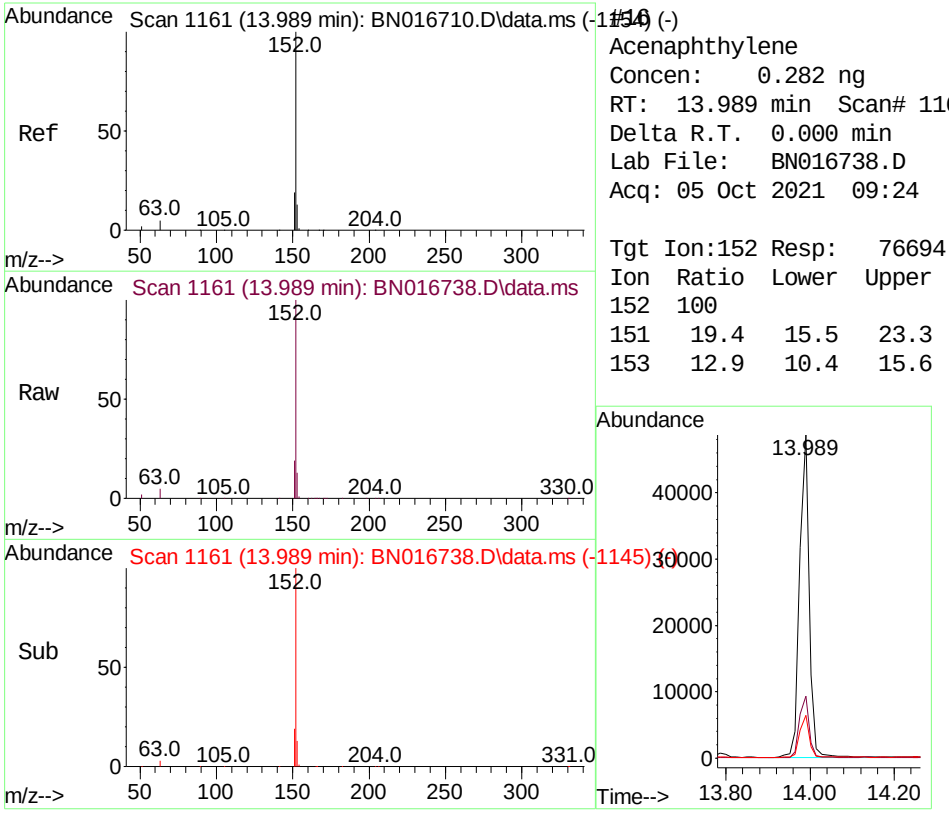


#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:172 Resp: 58591

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.9	40.3
170	24.3	17.4	26.0



#16
Acenaphthylene
Concen: 0.282 ng
RT: 13.989 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:152 Resp: 76694

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.4	15.6

Instrument :
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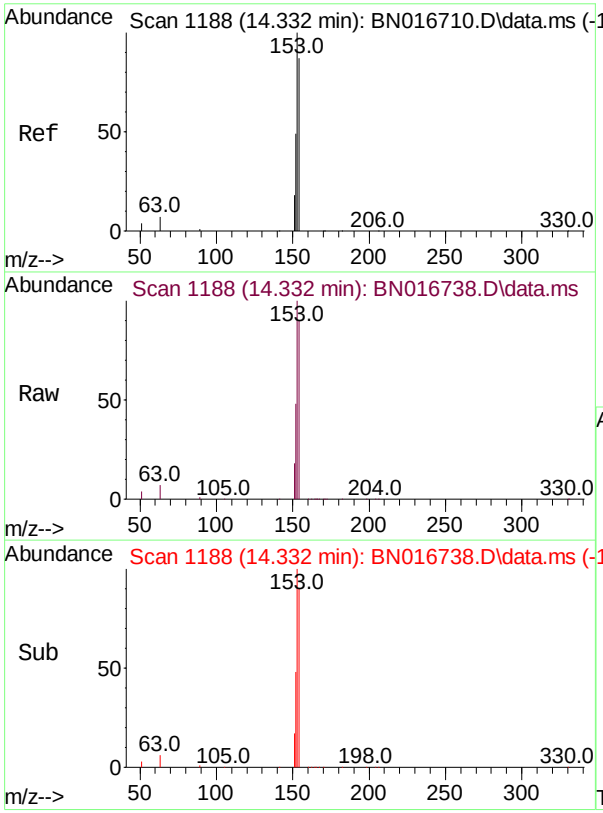
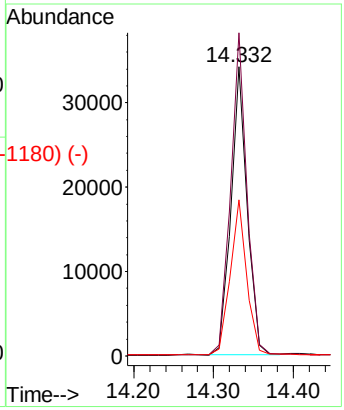
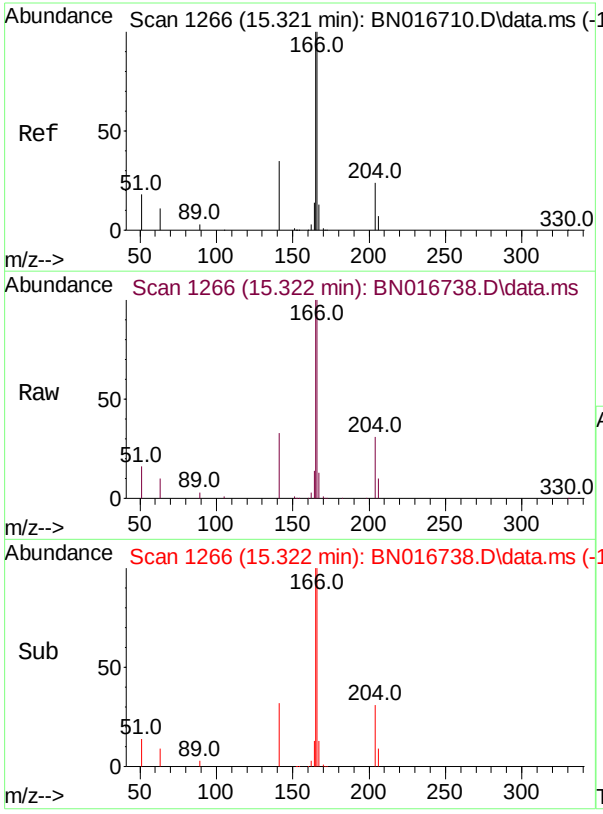


#17
Acenaphthene
Concen: 0.270 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:154 Resp: 48553

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.1	135.1
152	54.8	43.6	65.4

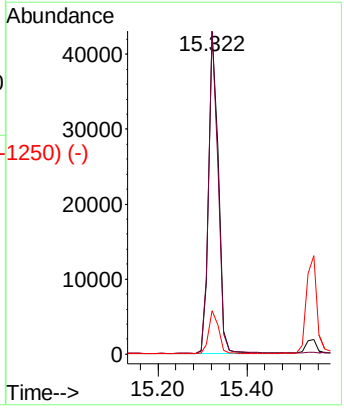




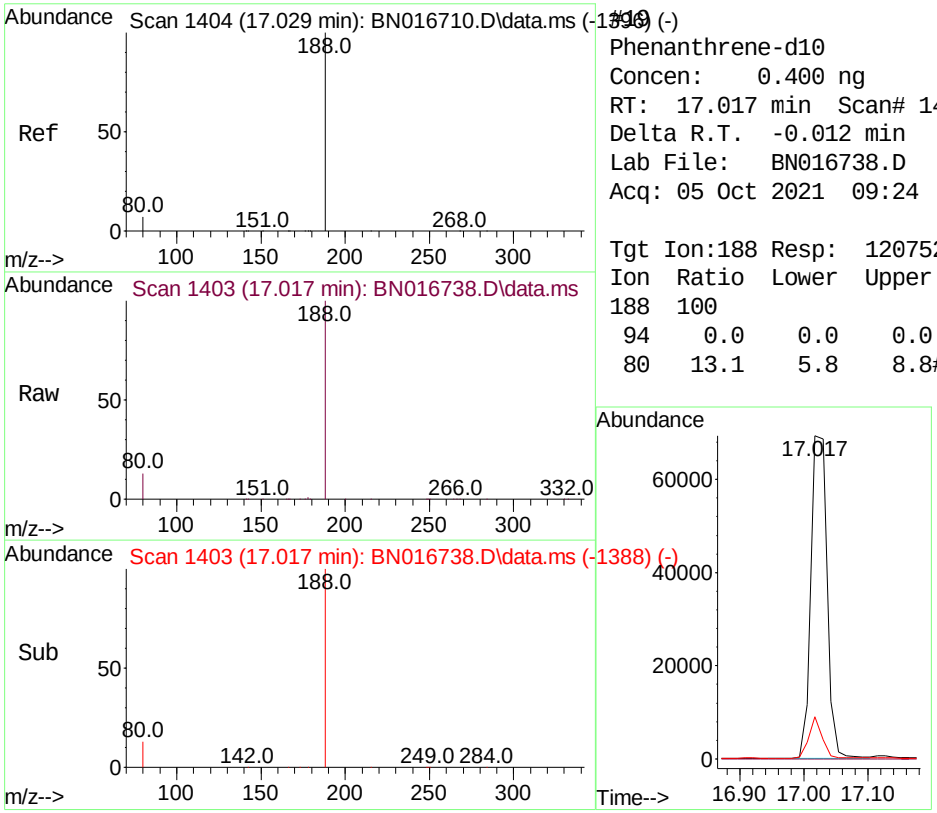
#18
Fluorene
Concen: 0.297 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:166 Resp: 64469

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.1	117.1
167	13.5	10.7	16.1



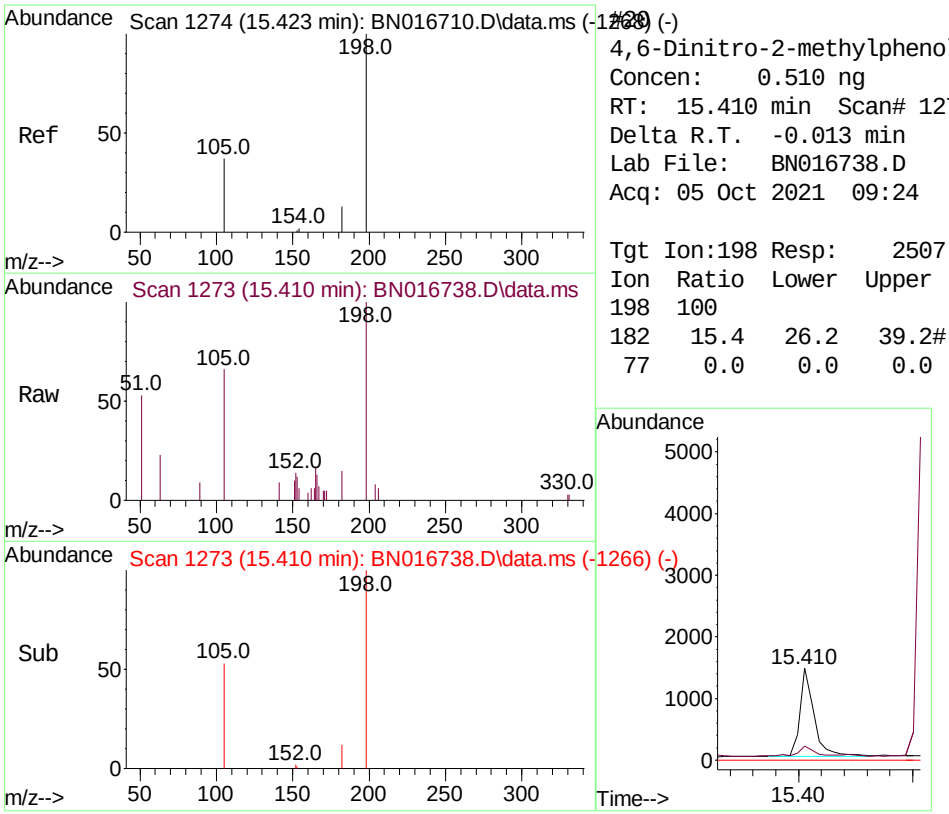
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS



#10
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:188 Resp: 120752

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	5.8	8.8#

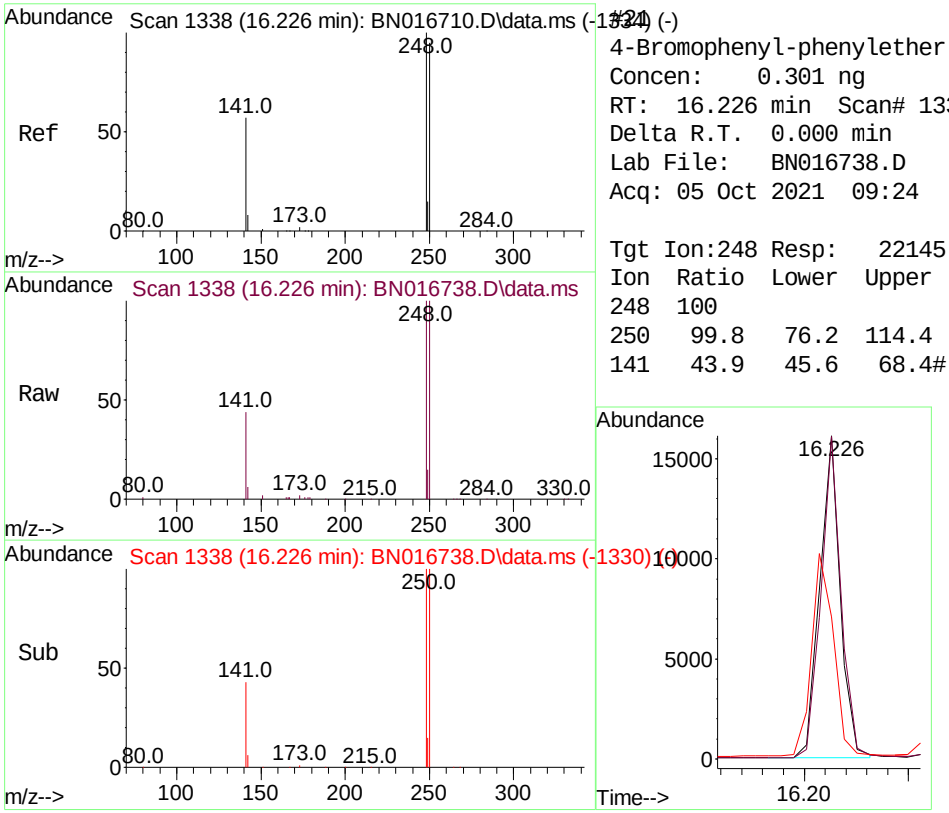


#20
4,6-Dinitro-2-methylphenol
Concen: 0.510 ng
RT: 15.410 min Scan# 1273
Delta R.T. -0.013 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:198 Resp: 2507

Ion	Ratio	Lower	Upper
198	100		
182	15.4	26.2	39.2#
77	0.0	0.0	0.0

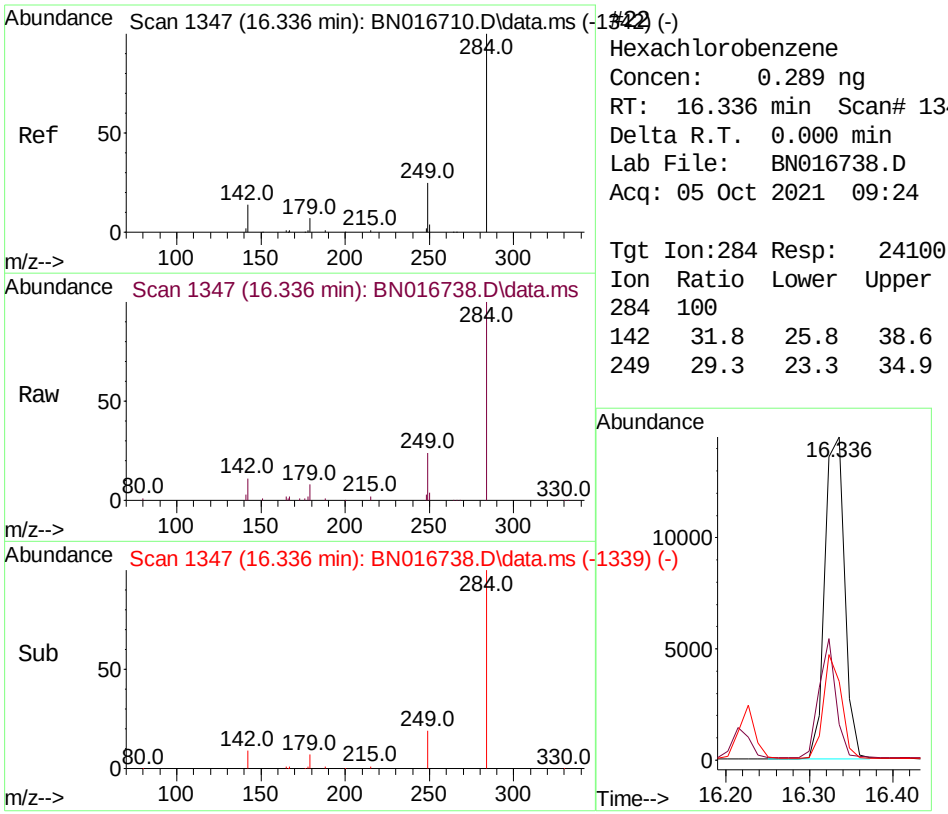
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS



#24
4-Bromophenyl-phenylether
Concen: 0.301 ng
RT: 16.226 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:248 Resp: 22145

Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.2	114.4
141	43.9	45.6	68.4#

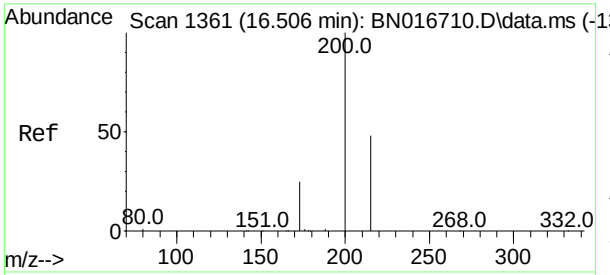


#22
Hexachlorobenzene
Concen: 0.289 ng
RT: 16.336 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:284 Resp: 24100

Ion	Ratio	Lower	Upper
284	100		
142	31.8	25.8	38.6
249	29.3	23.3	34.9

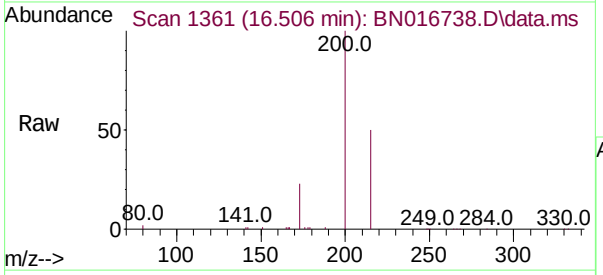
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS

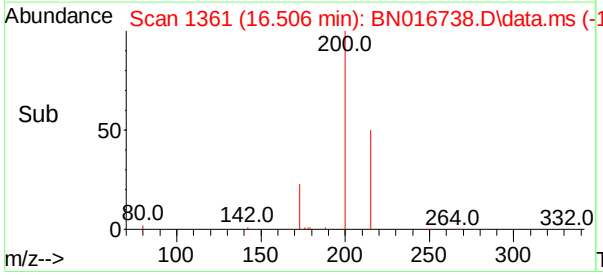


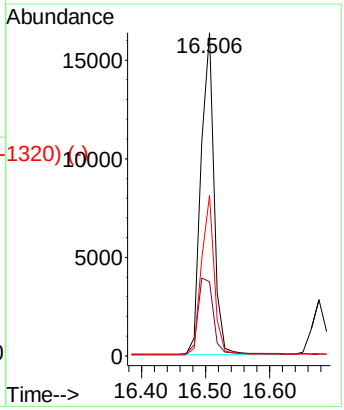
#23
Atrazine
Concen: 0.400 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

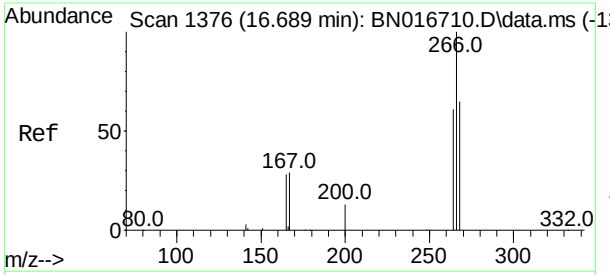
Tgt Ion:200 Resp: 23313

Ion	Ratio	Lower	Upper
200	100		
173	22.9	20.1	30.1
215	49.7	38.8	58.2





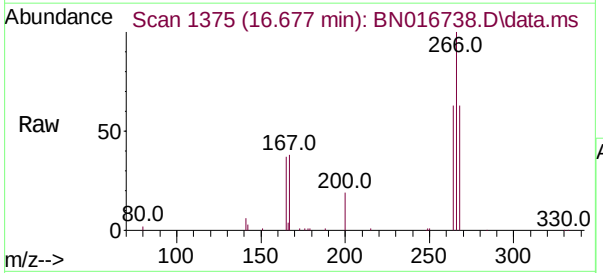


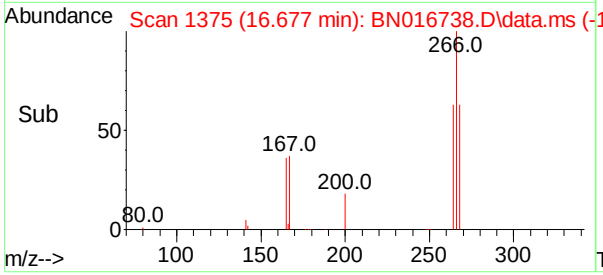


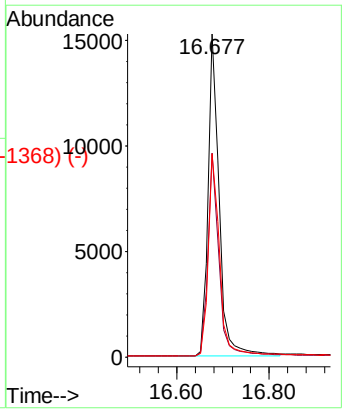
#24
Pentachlorophenol
Concen: 0.949 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.012 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:266 Resp: 24767

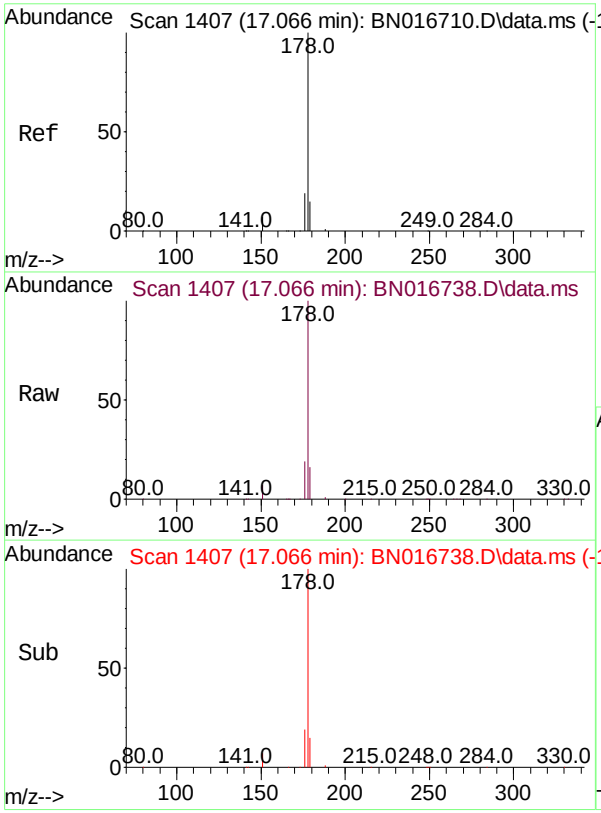
Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.3	73.9
268	64.2	51.8	77.8







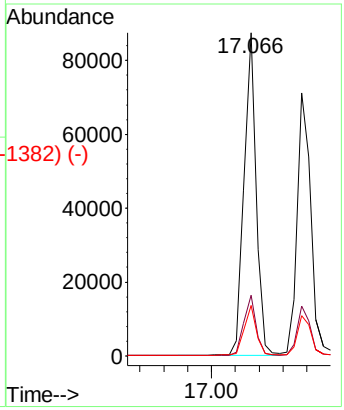
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS

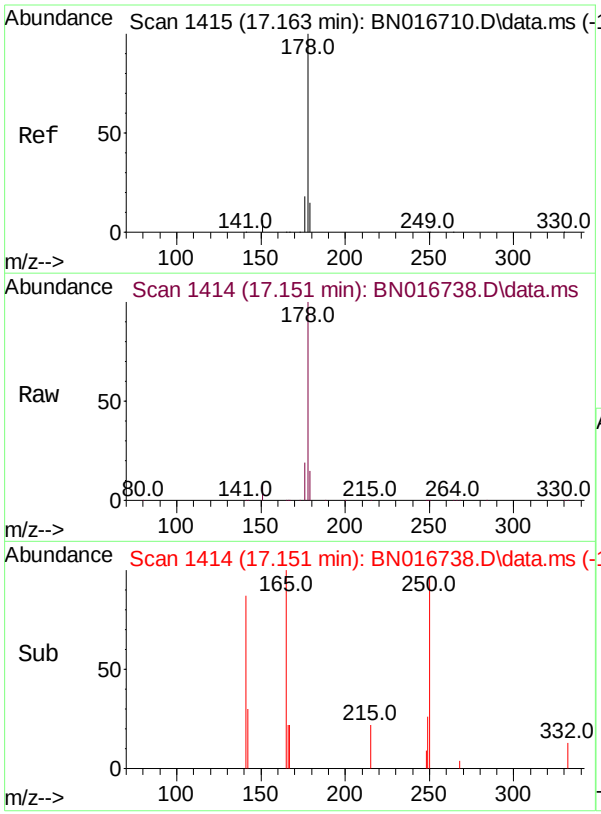


#25
Phenanthrene
Concen: 0.348 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:178 Resp: 123693

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	12.4	18.6

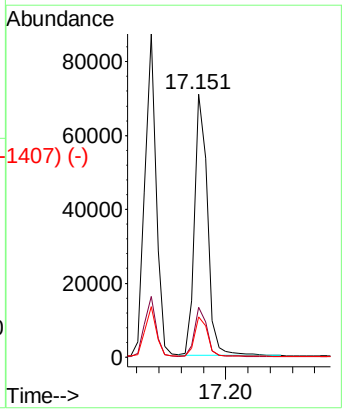




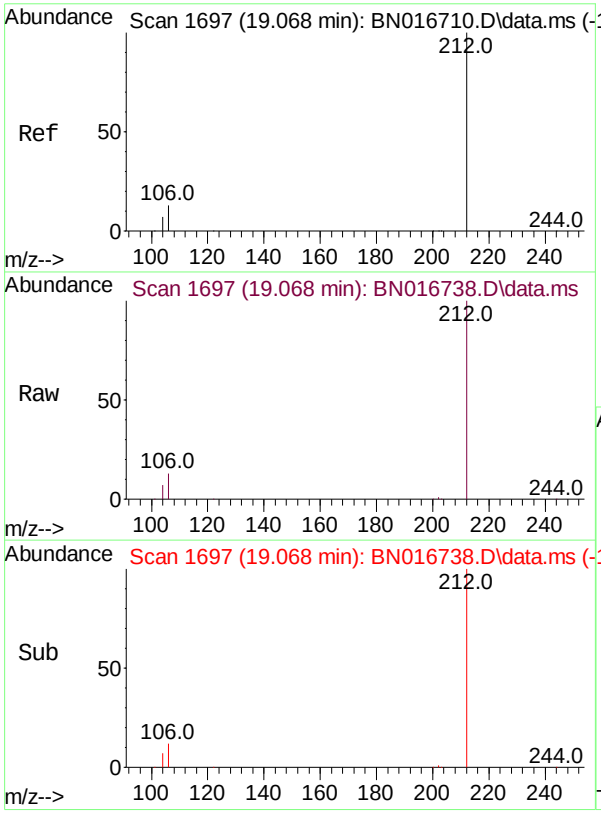
#26
Anthracene
Concen: 0.356 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:178 Resp: 112825

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.0	12.2	18.4



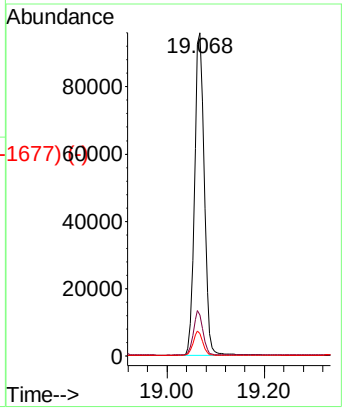
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS

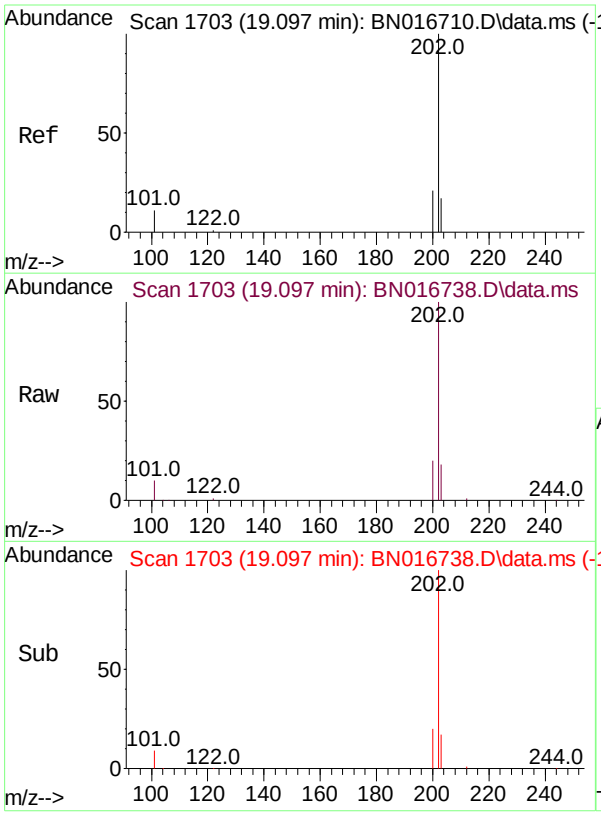


#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:212 Resp: 132586

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.6	16.0
104	7.3	5.8	8.8

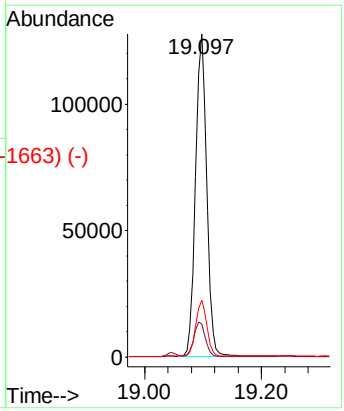




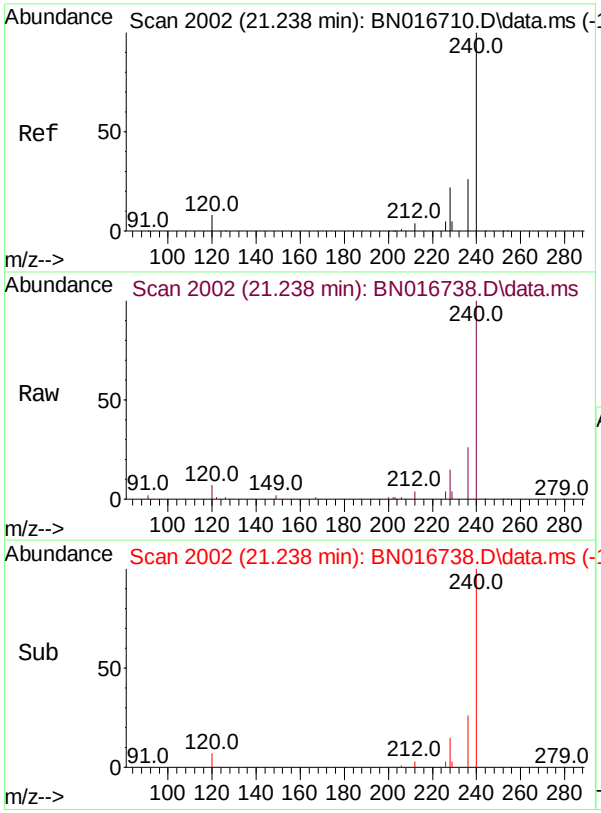
#28
Fluoranthene
Concen: 0.424 ng
RT: 19.097 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:202 Resp: 166943

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.1	13.8	20.8



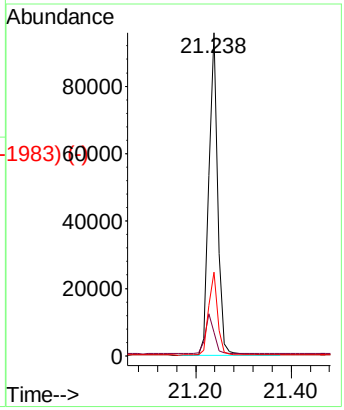
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS

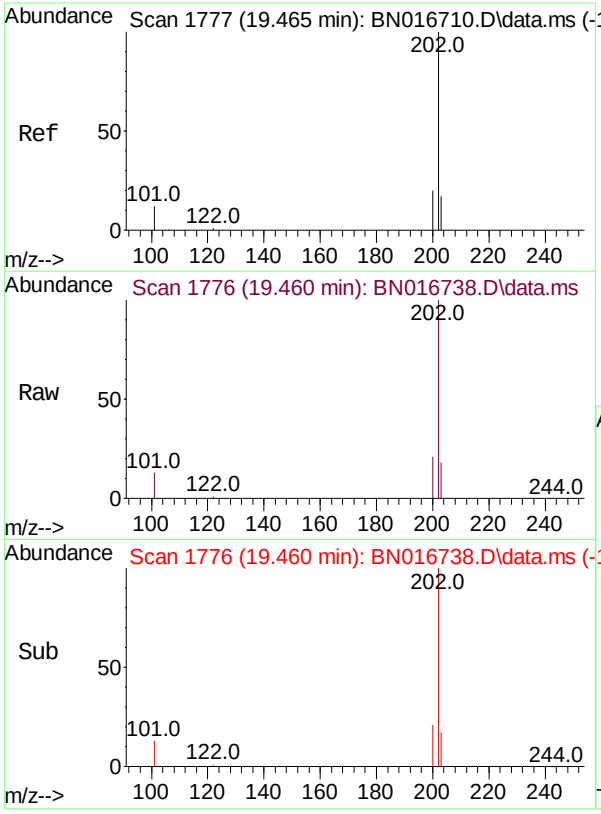


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:240 Resp: 122007

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	25.9	20.7	31.1

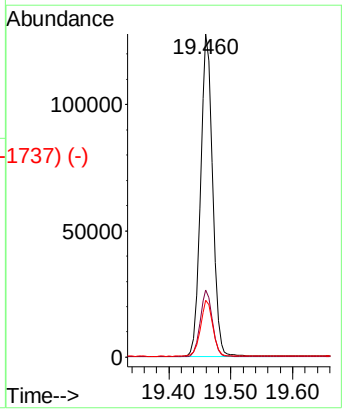




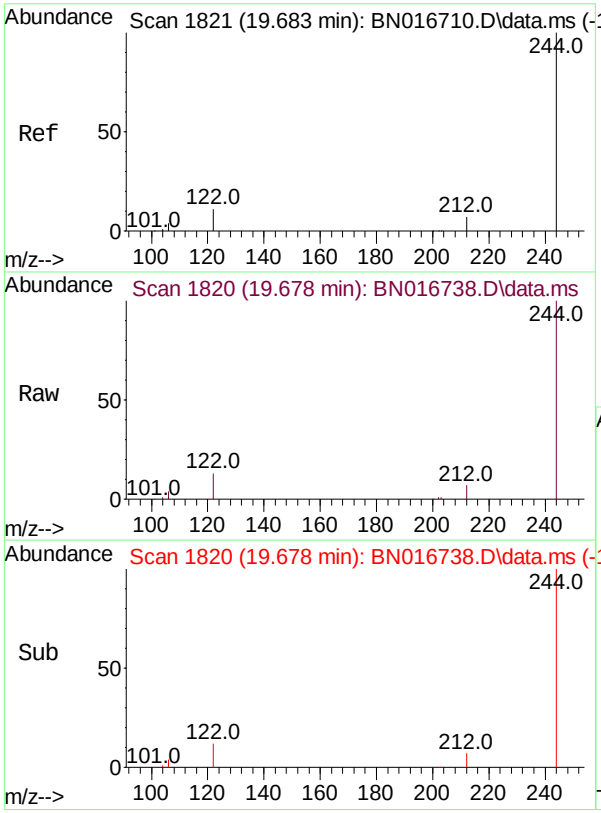
#30
Pyrene
Concen: 0.431 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:202 Resp: 172958

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.8	13.9	20.9



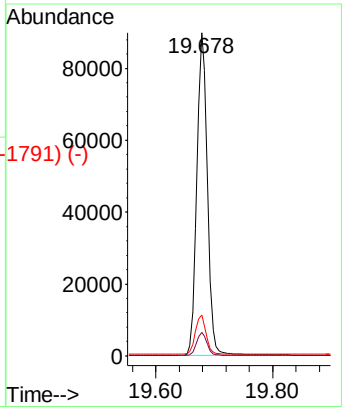
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS

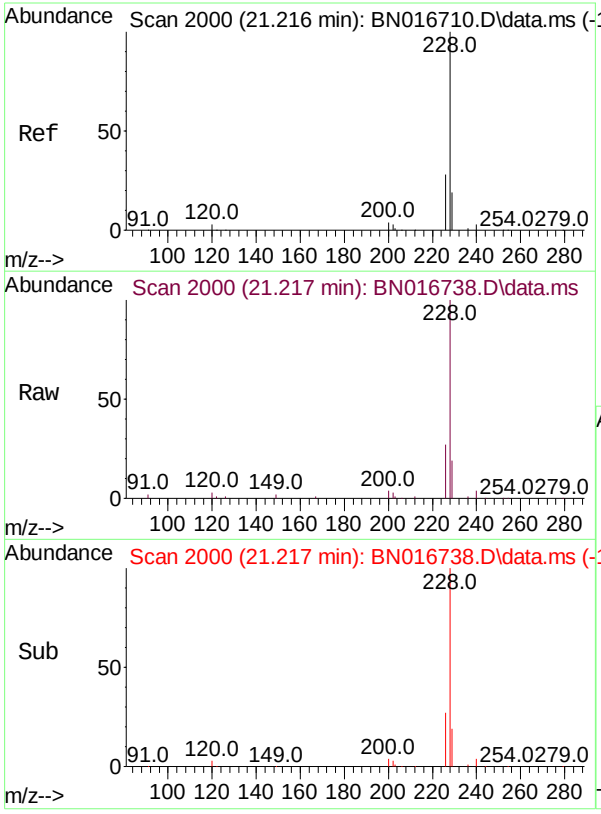


#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:244 Resp: 111500

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	12.6	8.9	13.3

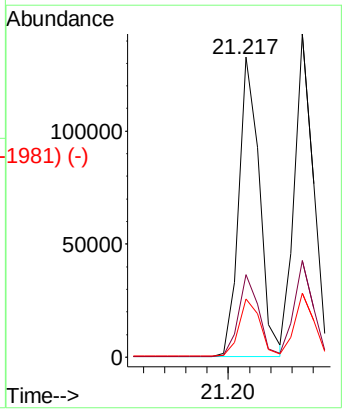




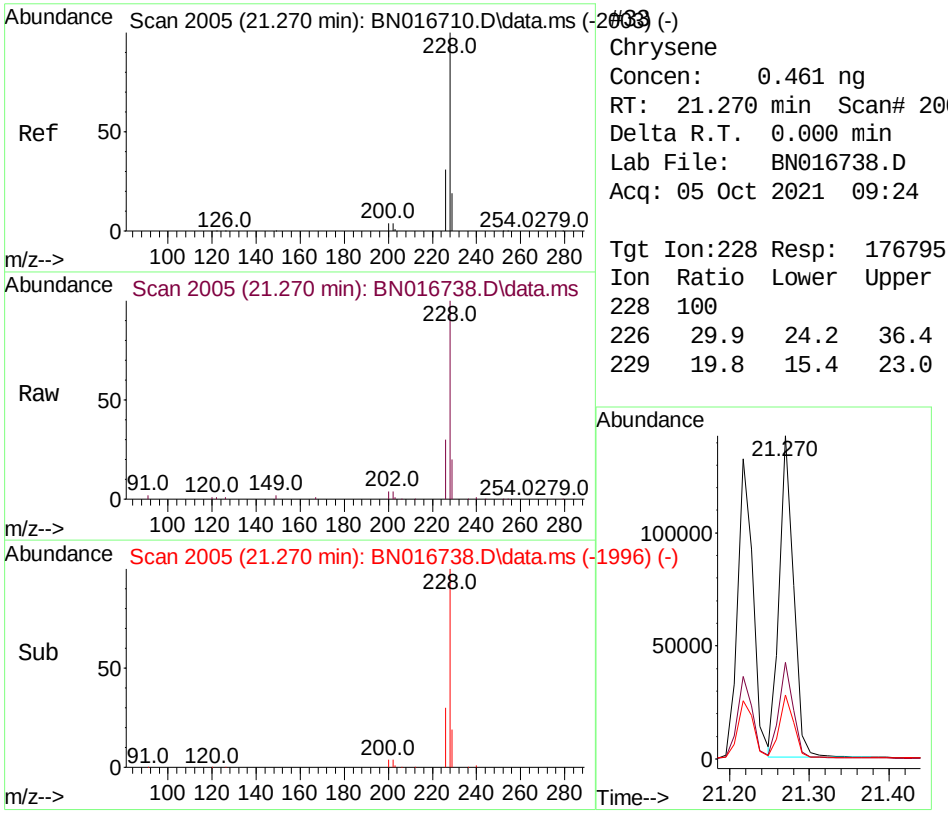
#32
Benzo(a)anthracene
Concen: 0.469 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:228 Resp: 177570

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	19.4	15.4	23.0



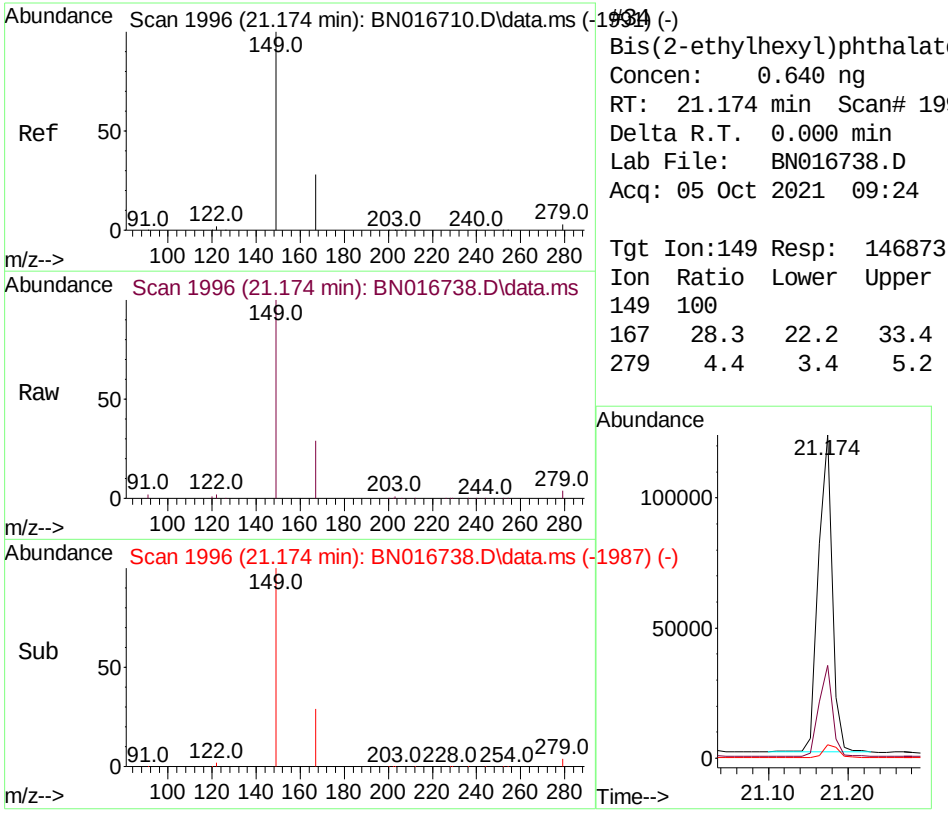
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS



#33
Chrysene
Concen: 0.461 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:228 Resp: 176795

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.8	15.4	23.0

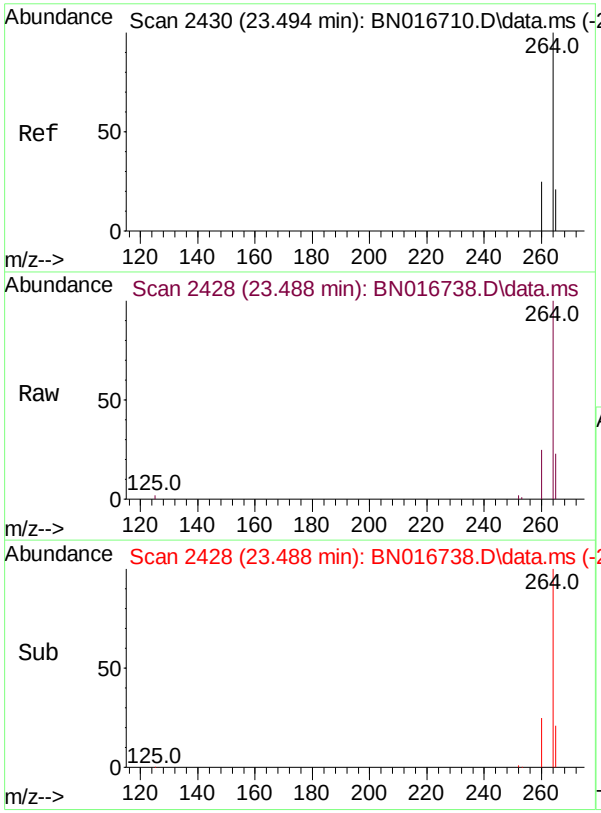


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.640 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:149 Resp: 146873

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	4.4	3.4	5.2

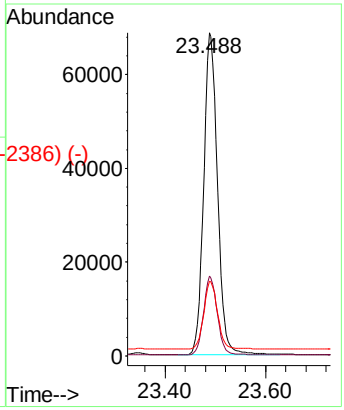
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS

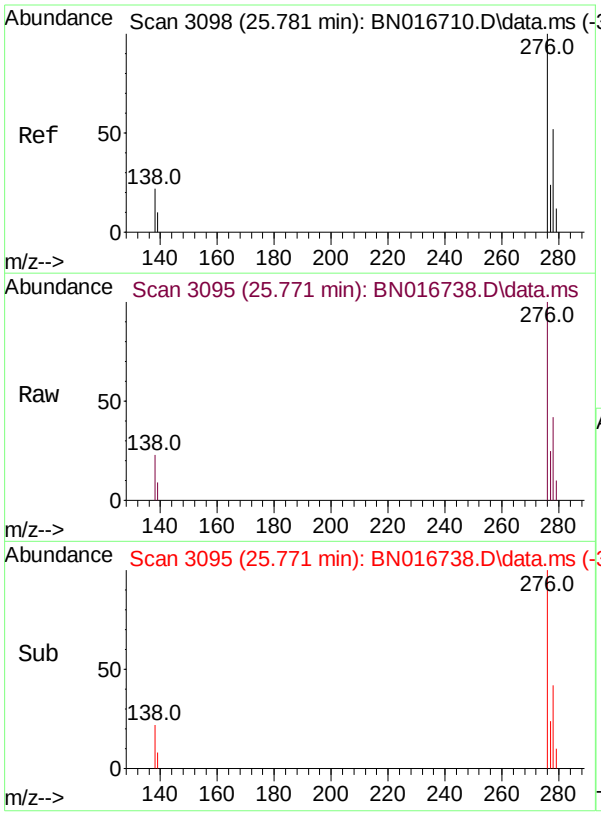


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.488 min Scan# 2428
Delta R.T. -0.007 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:264 Resp: 132117

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	23.2	20.3	30.5

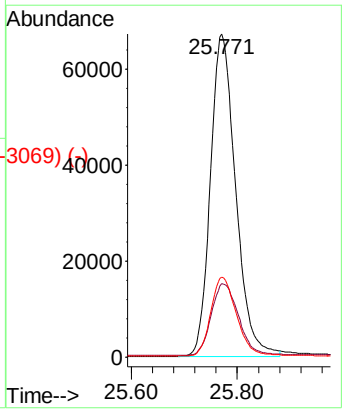




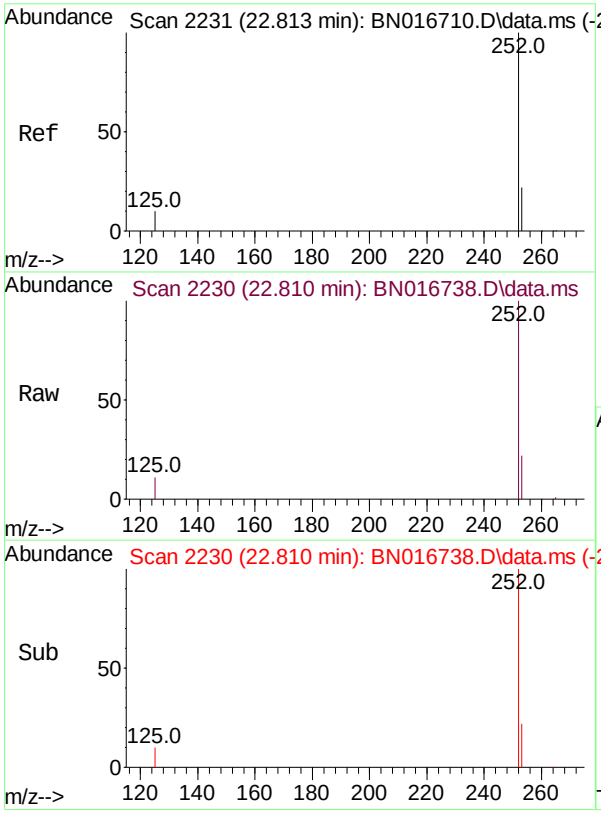
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.530 ng
RT: 25.771 min Scan# 3095
Delta R.T. -0.010 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:276 Resp: 222185

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.2	28.8
277	25.0	20.0	30.0



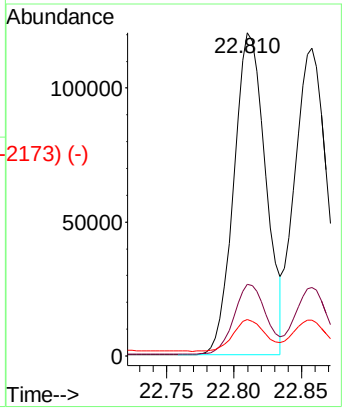
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS

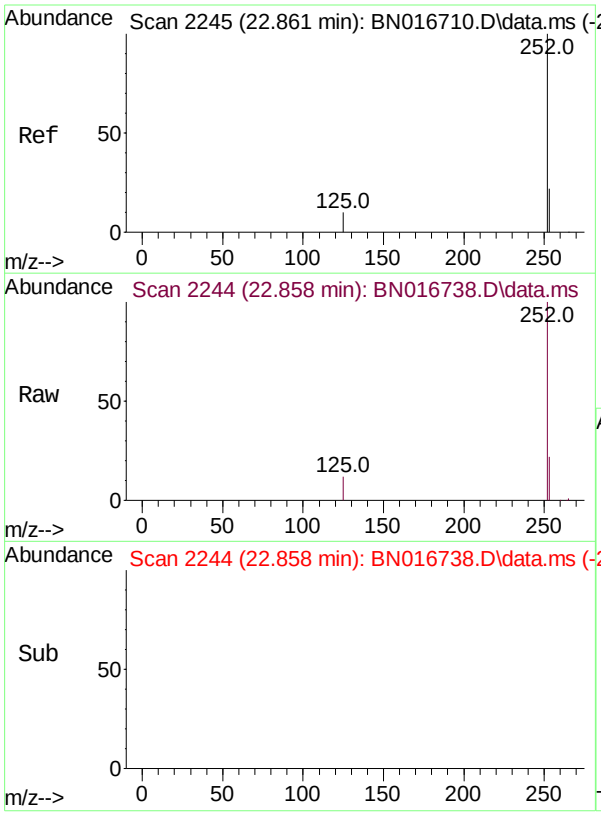


#37
Benzo(b)fluoranthene
Concen: 0.463 ng
RT: 22.810 min Scan# 2230
Delta R.T. -0.003 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:252 Resp: 197998

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	11.2	8.3	12.5

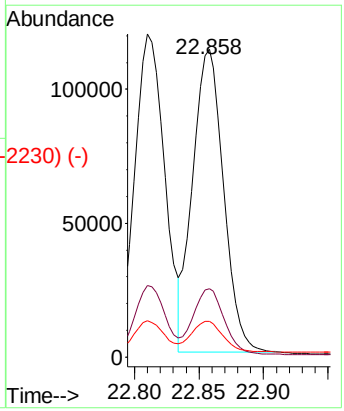




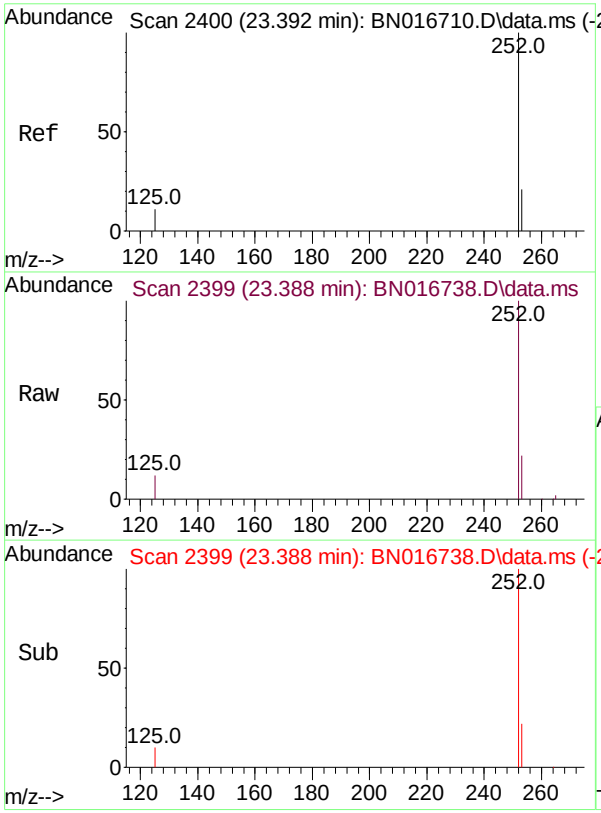
#38
Benzo(k)fluoranthene
Concen: 0.461 ng
RT: 22.858 min Scan# 2244
Delta R.T. -0.003 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:252 Resp: 189094

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.6	8.5	12.7



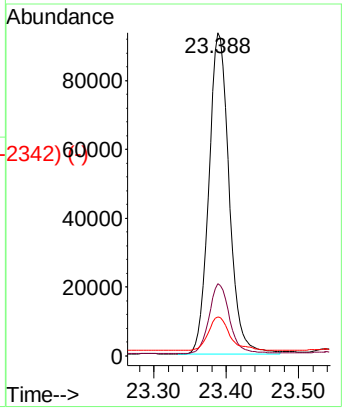
Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS

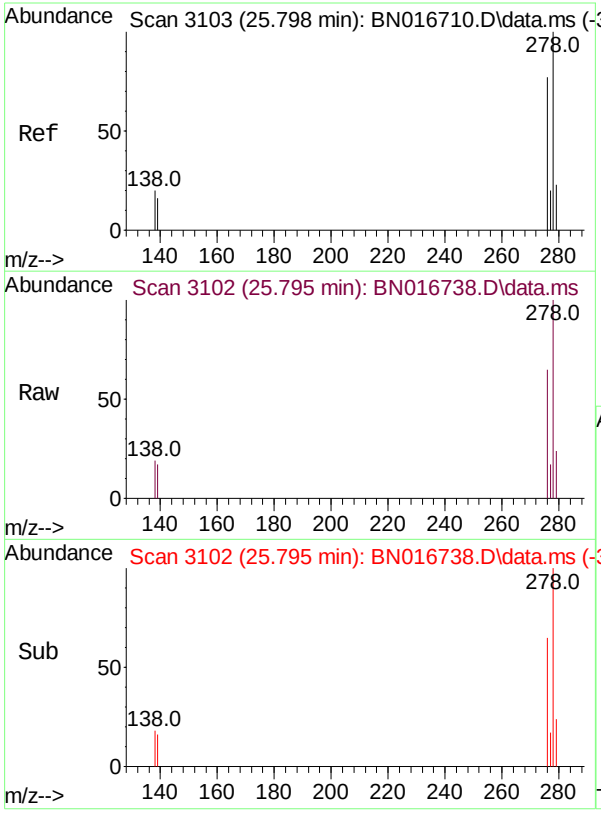


#39
Benzo(a)pyrene
Concen: 0.478 ng
RT: 23.388 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:252 Resp: 182786

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.1	9.4	14.2

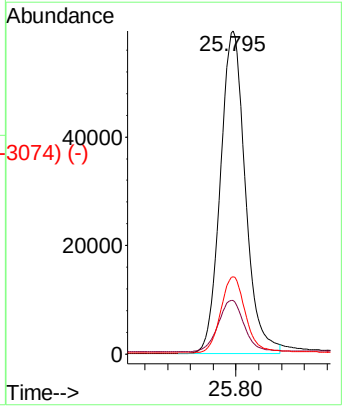


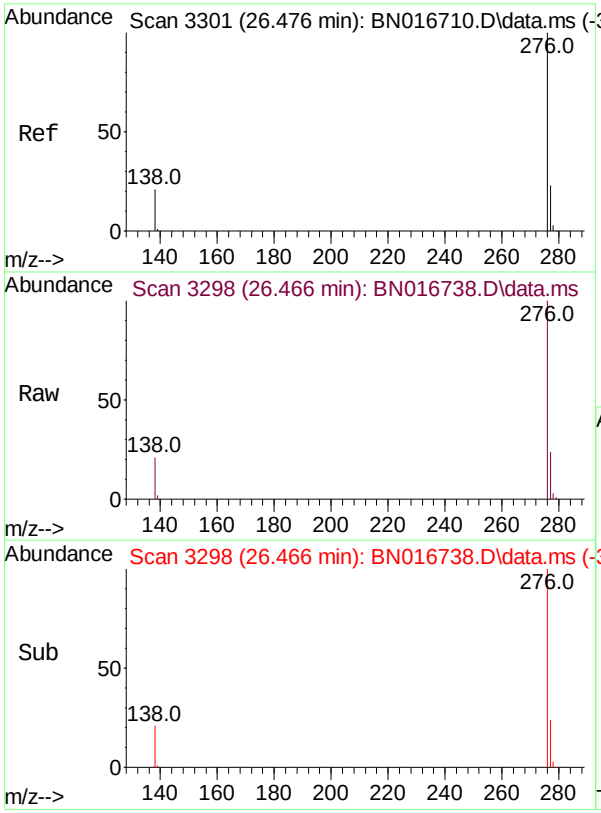


#40
Dibenzo(a,h)anthracene
Concen: 0.539 ng
RT: 25.795 min Scan# 3102
Delta R.T. -0.003 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:278 Resp: 179386

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.1	19.7
279	24.0	19.3	28.9

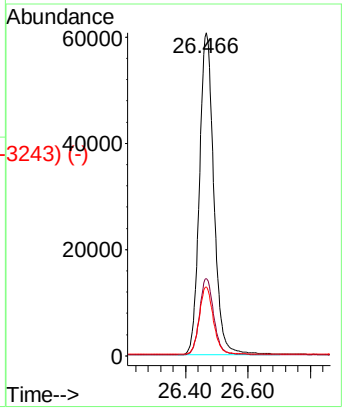




#46
Benzo(g,h,i)perylene
Concen: 0.522 ng
RT: 26.466 min Scan# 3298
Delta R.T. -0.010 min
Lab File: BN016738.D
Acq: 05 Oct 2021 09:24

Tgt Ion:276 Resp: 194250

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	21.4	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
MW202D-20210918MS