

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
 Data File : BN013809.D
 Acq On : 02 Mar 2021 15:14
 Operator : CG/JU
 Sample : M1535-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW807B-41-46-022721

Quant Time: Mar 02 15:44:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

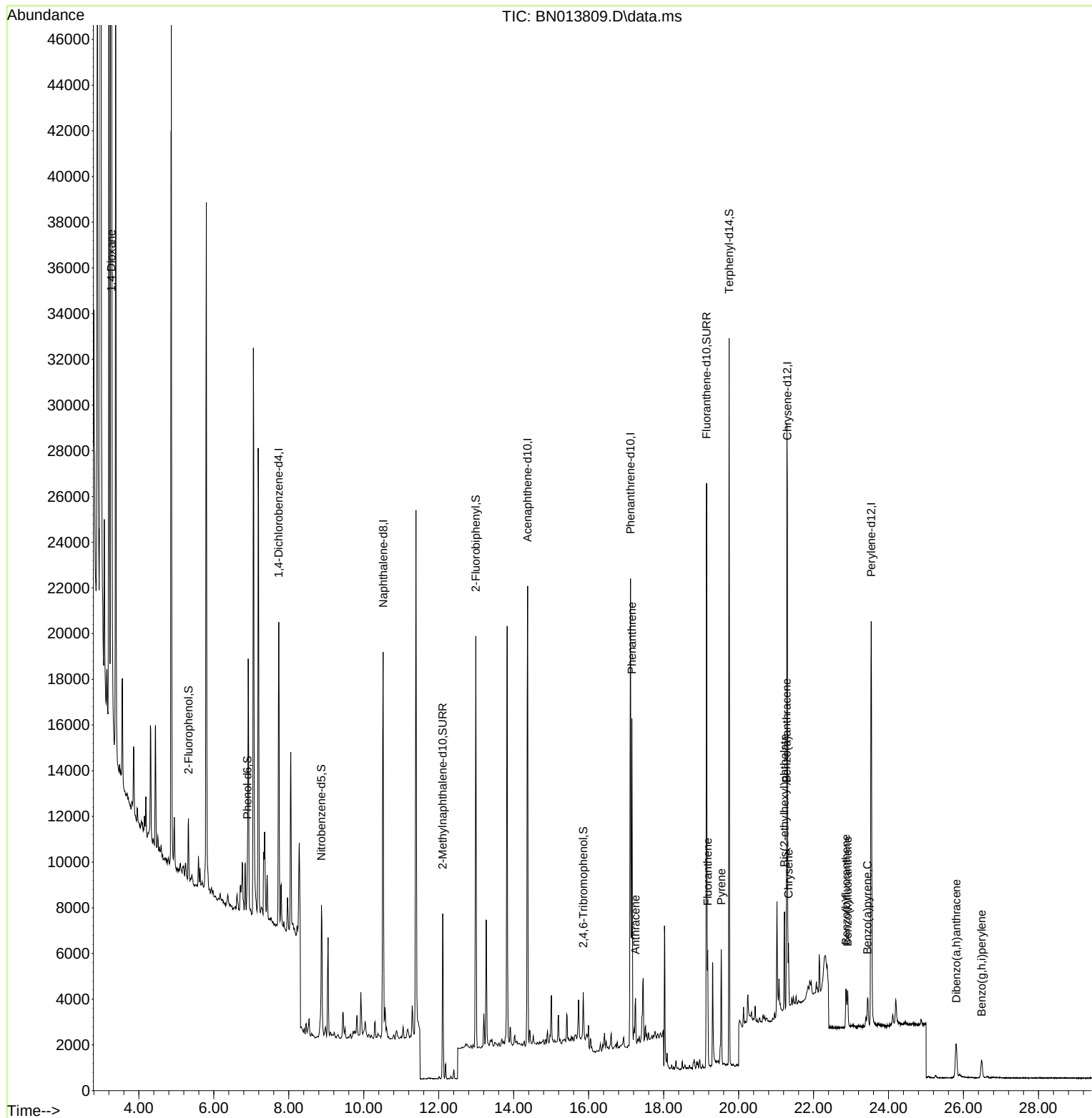
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	5866	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	22352	0.40	ng	-0.01
13) Acenaphthene-d10	14.372	164	11821	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	26255	0.40	ng	#-0.01
29) Chrysene-d12	21.300	240	25887	0.40	ng	# 0.00
36) Perylene-d12	23.538	264	23645	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1942	0.12	ng	0.00
5) Phenol-d6	6.895	99	1460	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	5069	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	9409	0.26	ng	-0.01
14) 2,4,6-Tribromophenol	15.856	330	1396	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	14506	0.35	ng	-0.01
27) Fluoranthene-d10	19.146	212	27608	0.36	ng	0.00
31) Terphenyl-d14	19.747	244	29283	0.51	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	135028	19.04	ng	98
25) Phenanthrene	17.152	178	14015	0.20	ng	98
26) Anthracene	17.250	178	2201	0.03	ng	98
28) Fluoranthene	19.176	202	4251	0.05	ng	# 94
30) Pyrene	19.538	202	4174	0.05	ng	96
32) Benzo(a)anthracene	21.279	228	2072	0.03	ng	91
33) Chrysene	21.332	228	2238	0.03	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.226	149	4499	0.12	ng	99
37) Benzo(b)fluoranthene	22.864	252	2088	0.03	ng	# 49
38) Benzo(k)fluoranthene	22.908	252	1910	0.03	ng	# 46
39) Benzo(a)pyrene	23.439	252	1685	0.02	ng	# 26
40) Dibenzo(a,h)anthracene	25.811	278	1509	0.02	ng	# 59
41) Benzo(g,h,i)perylene	26.485	276	1640	0.02	ng	# 77

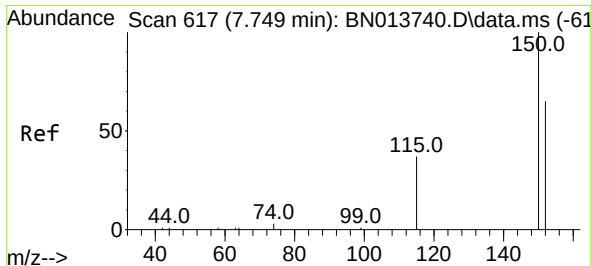
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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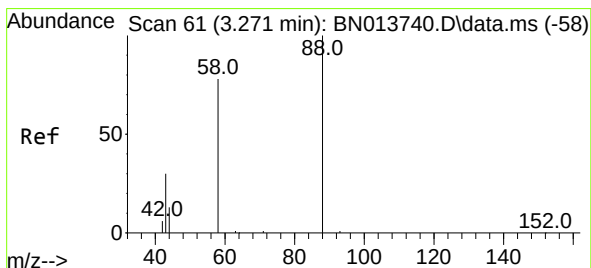
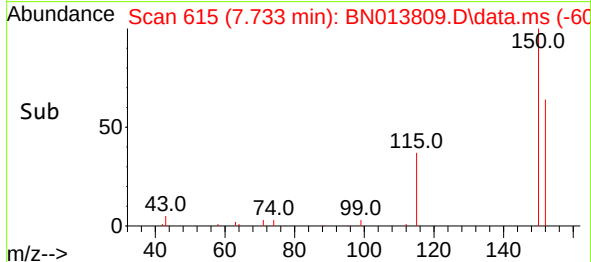
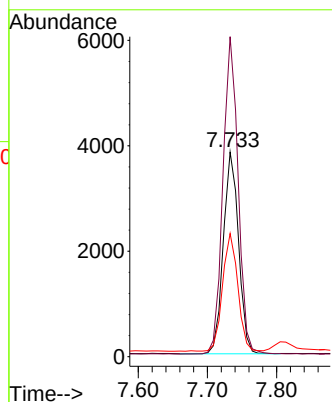
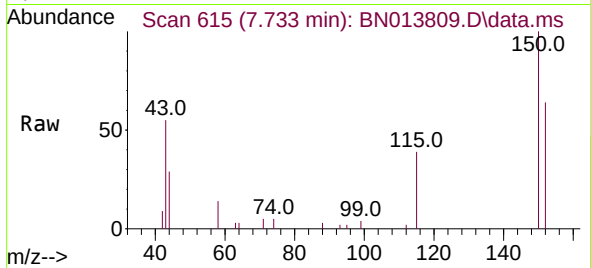




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.733 min Scan# 615
 Delta R.T. -0.008 min
 Lab File: BN013809.D
 Acq: 02 Mar 2021 15:14

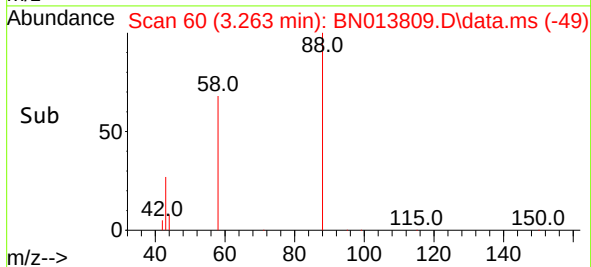
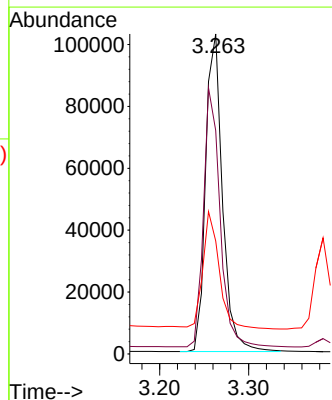
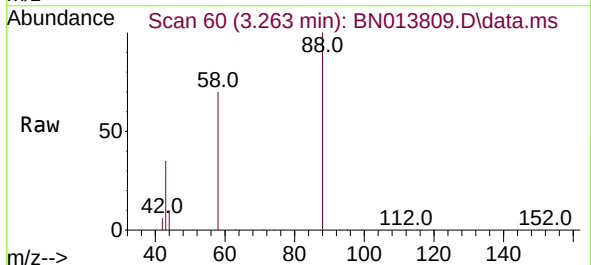
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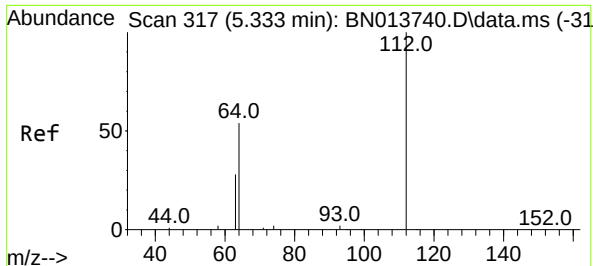
Tgt Ion:152 Resp: 5866
 Ion Ratio Lower Upper
 152 100
 150 156.3 121.8 182.8
 115 60.2 46.6 69.8



#2
 1,4-Dioxane
 Concen: 19.04 ng
 RT: 3.263 min Scan# 60
 Delta R.T. -0.008 min
 Lab File: BN013809.D
 Acq: 02 Mar 2021 15:14

Tgt Ion: 88 Resp: 135028
 Ion Ratio Lower Upper
 88 100
 58 80.0 64.6 96.8
 43 35.7 26.6 40.0

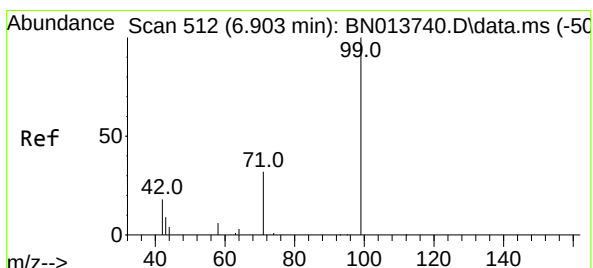
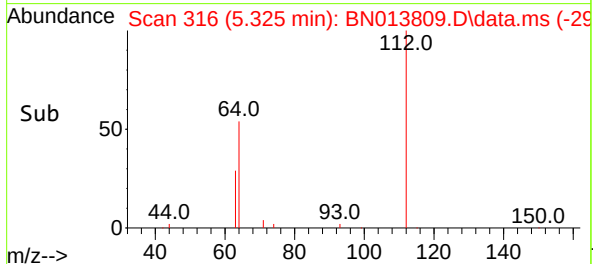
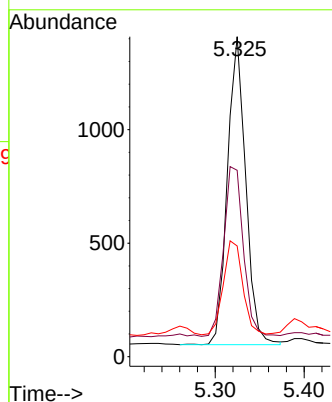
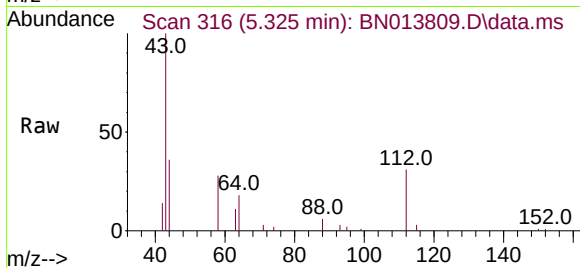




#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

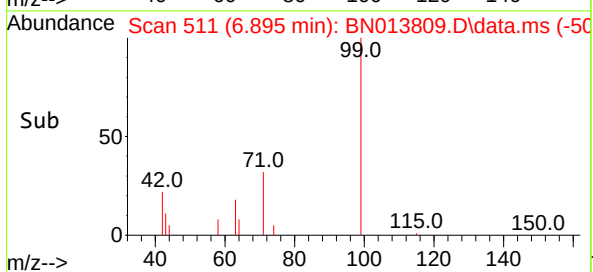
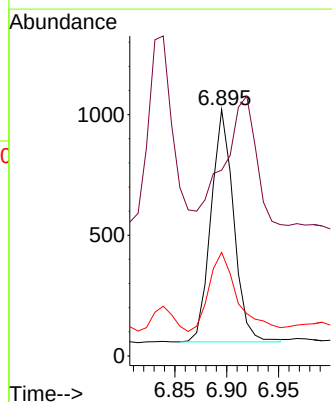
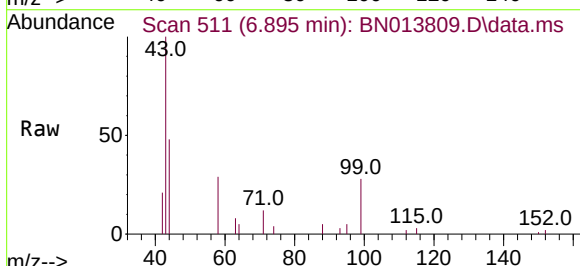
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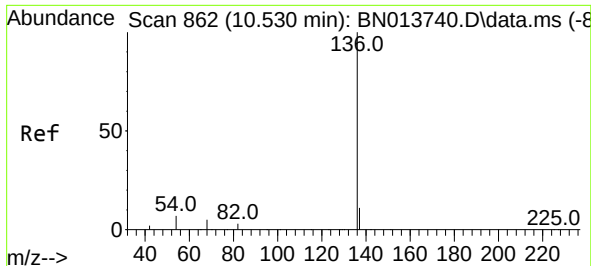
Tgt Ion:112 Resp: 1942
Ion Ratio Lower Upper
112 100
64 59.8 44.3 66.5
63 32.7 23.0 34.6



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 99 Resp: 1460
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 42.8 26.1 39.1#

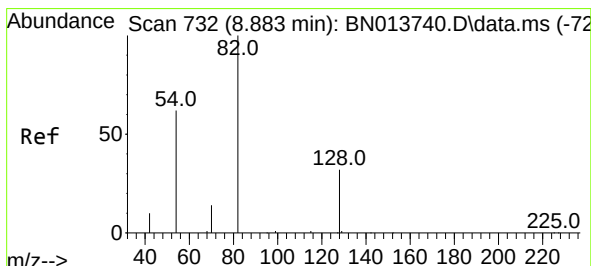
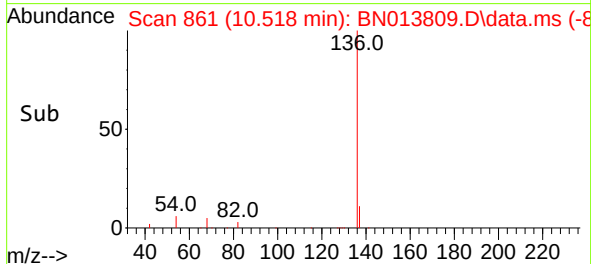
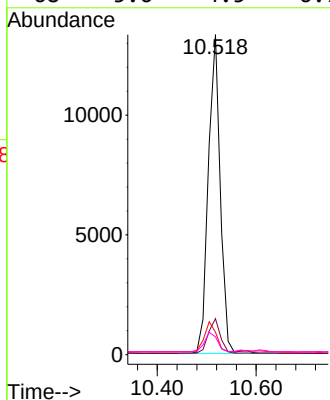
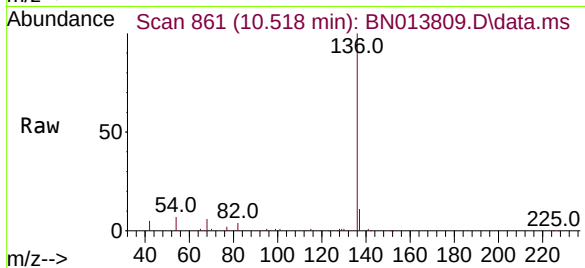




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

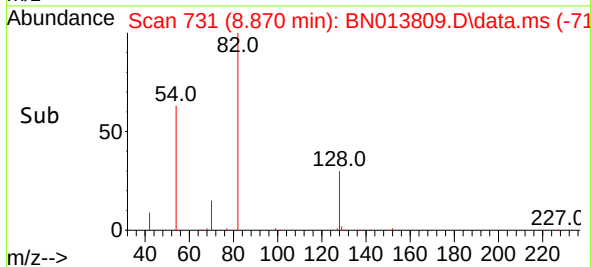
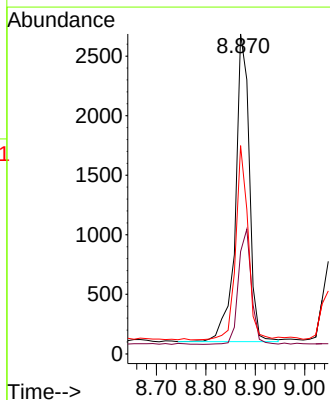
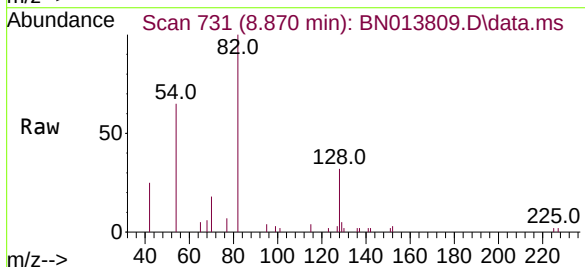
Instrument :
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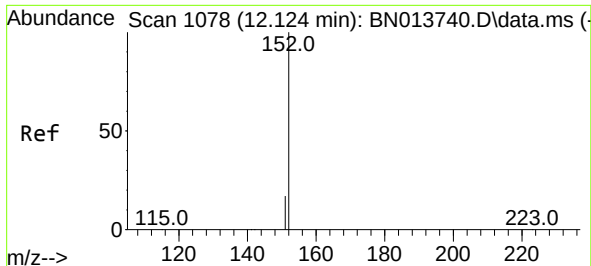
Tgt Ion:136	Resp:	22352
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	7.0	6.4 9.6
68	5.6	4.5 6.7



#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.013 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 82	Resp:	5069
Ion Ratio	Lower	Upper
82	100	
128	32.0	39.2 58.8#
54	65.1	40.1 60.1#

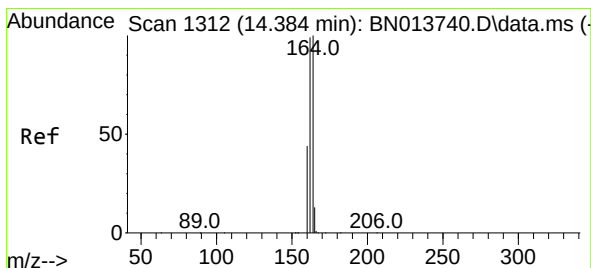
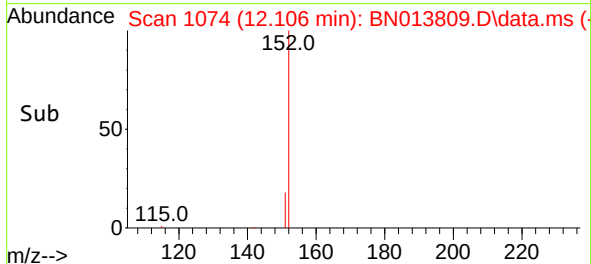
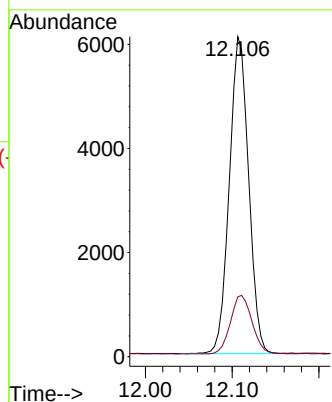
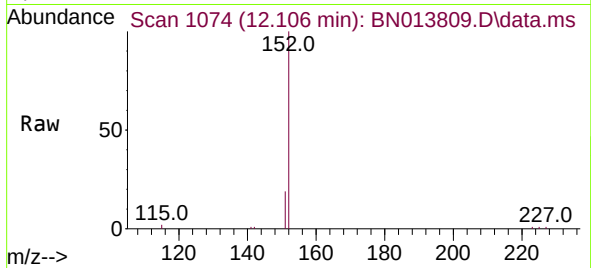




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.106 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

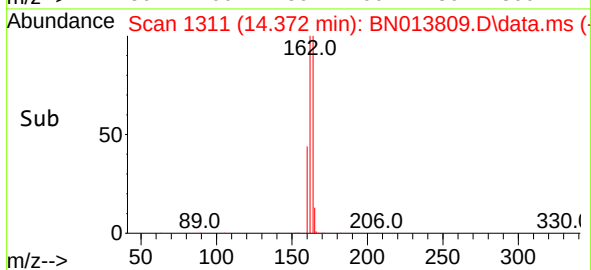
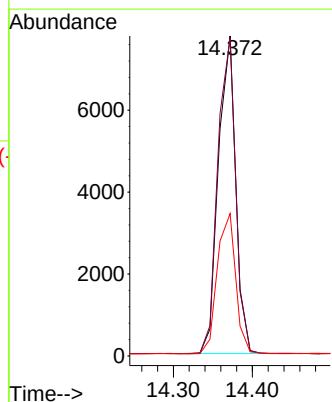
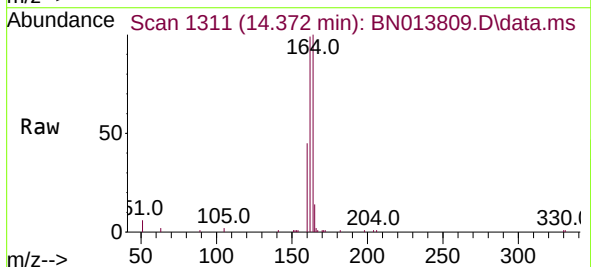
Instrument :
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ClientSampleId :
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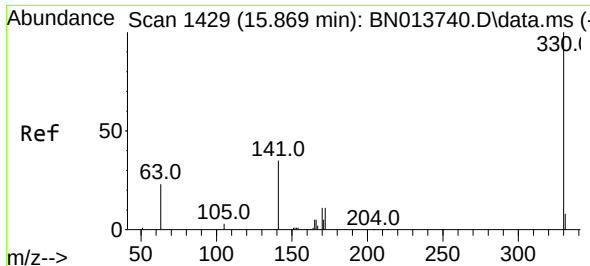
Tgt Ion:152 Resp: 9409
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion:164 Resp: 11821
Ion Ratio Lower Upper
164 100
162 99.5 79.6 119.4
160 44.5 36.0 54.0

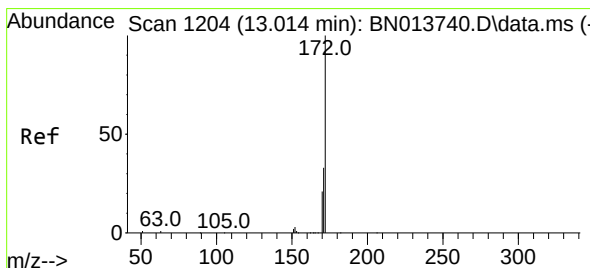
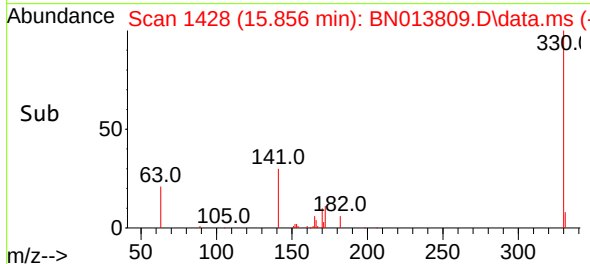
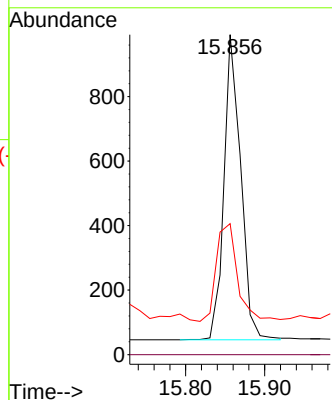
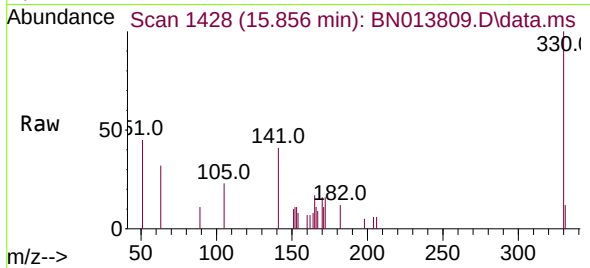




#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

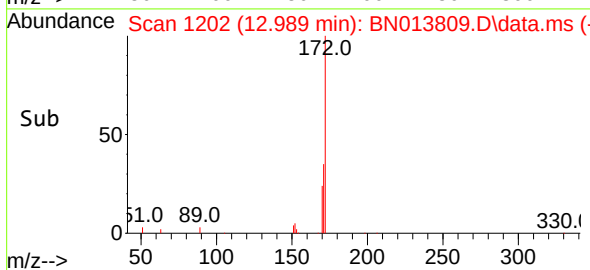
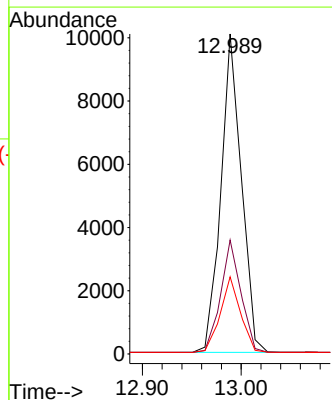
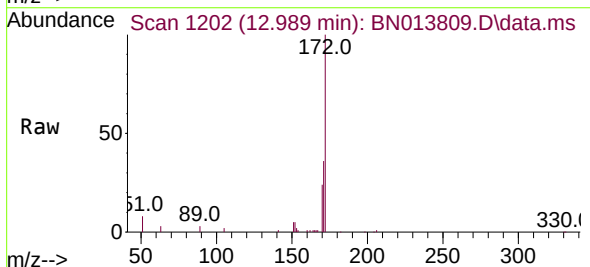
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ClientSampleId :
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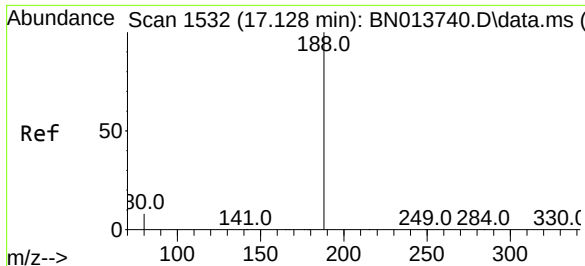
Tgt Ion: 330 Resp: 1396
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.7 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

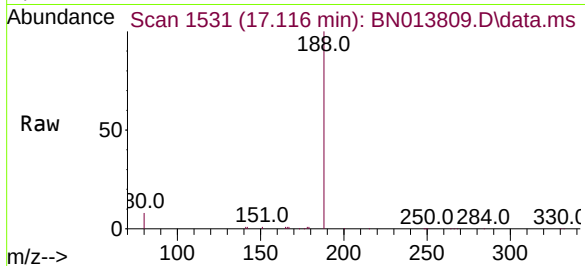
Tgt Ion: 172 Resp: 14506
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.1 18.9 28.3



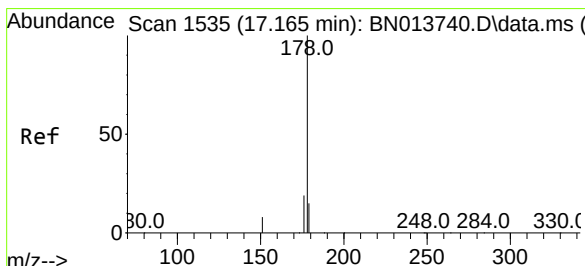
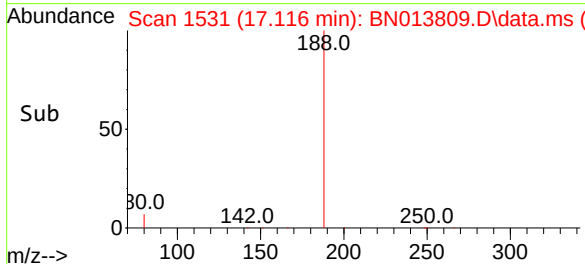
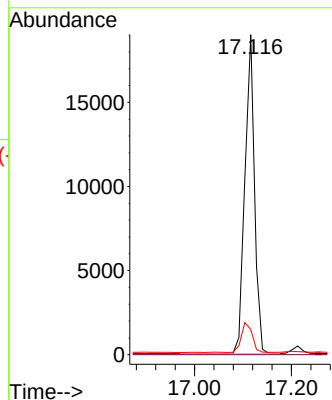


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Instrument :
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ClientSampleId :
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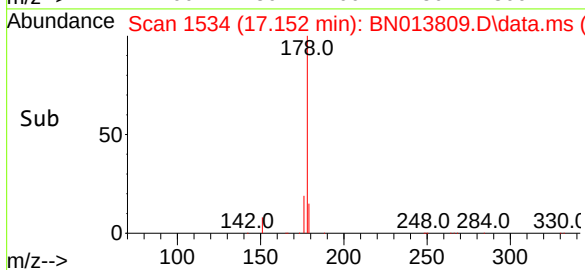
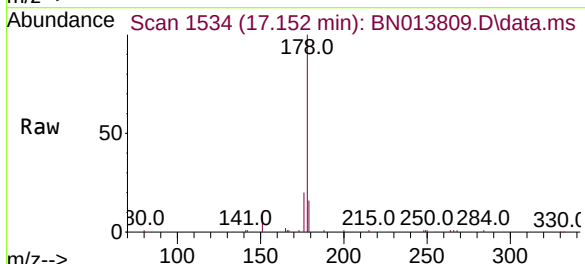
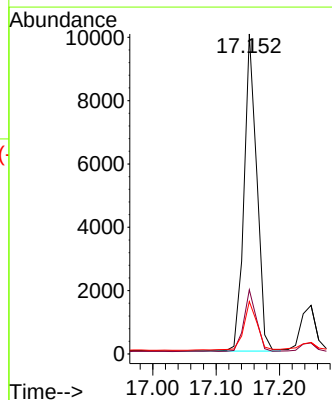


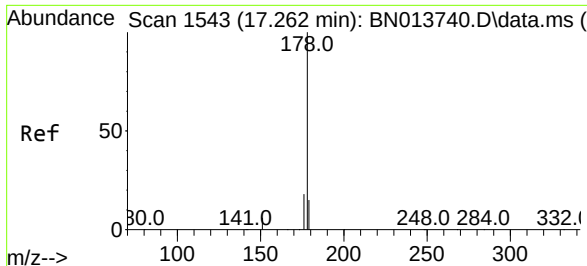
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	9.0	13.6



#25
Phenanthrene
Concen: 0.20 ng
RT: 17.152 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	16.5	12.3	18.5

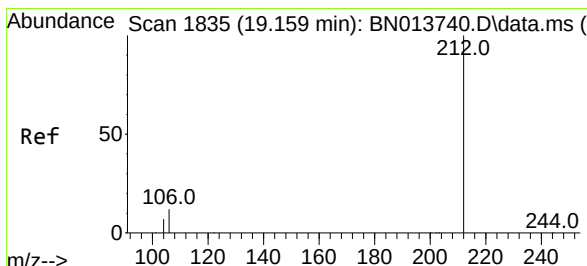
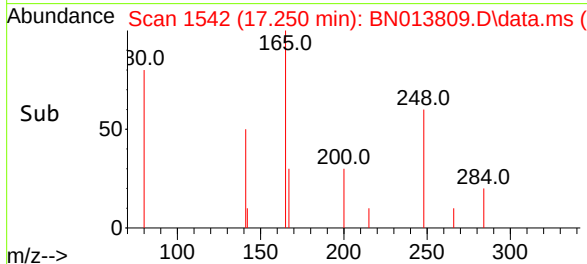
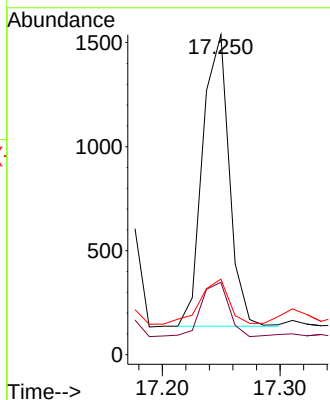
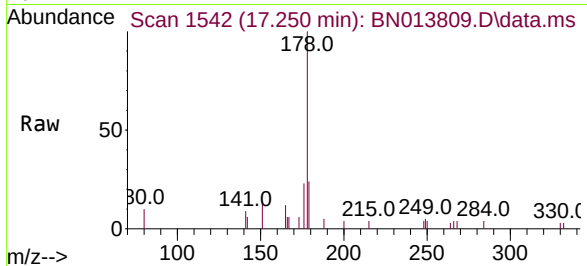




#26
 Anthracene
 Concen: 0.03 ng
 RT: 17.250 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: BN013809.D
 Acq: 02 Mar 2021 15:14

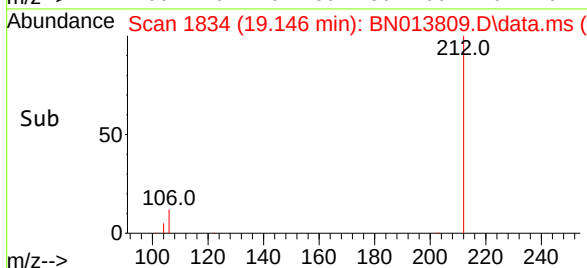
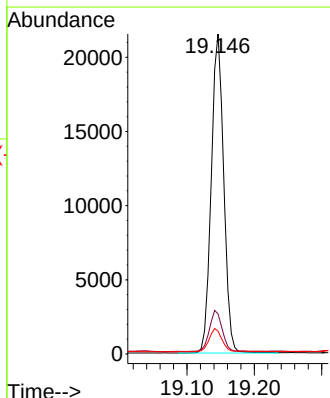
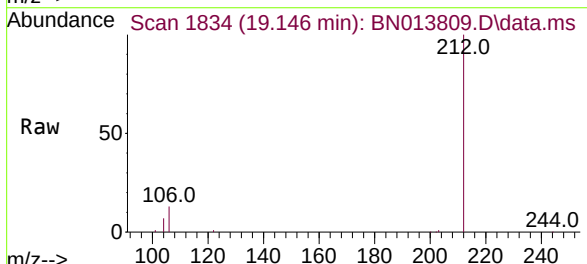
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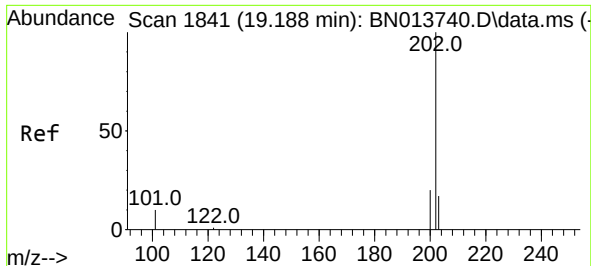
Tgt Ion:	178	Resp:	2201
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.6	21.8
179	16.5	12.2	18.2



#27
 Fluoranthene-d10
 Concen: 0.36 ng
 RT: 19.146 min Scan# 1834
 Delta R.T. -0.010 min
 Lab File: BN013809.D
 Acq: 02 Mar 2021 15:14

Tgt Ion:	212	Resp:	27608
Ion Ratio	Lower	Upper	
212	100		
106	13.0	9.7	14.5
104	7.4	5.5	8.3

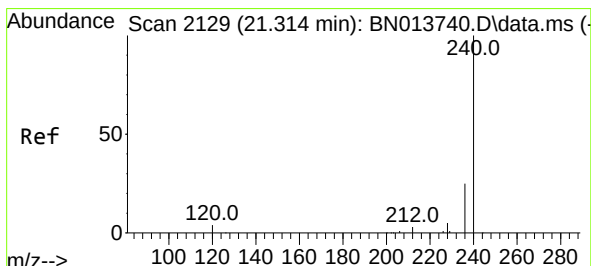
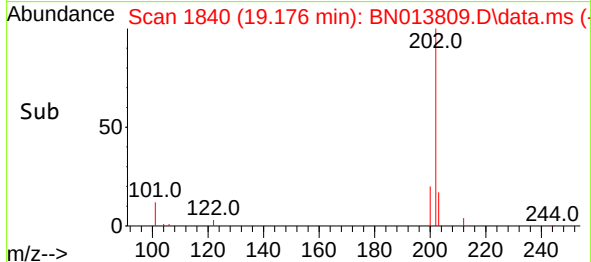
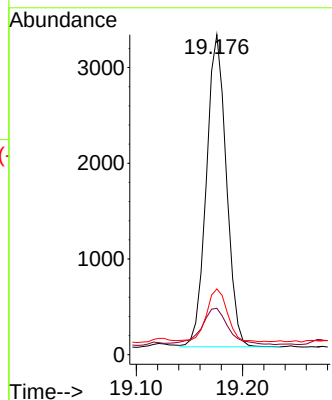
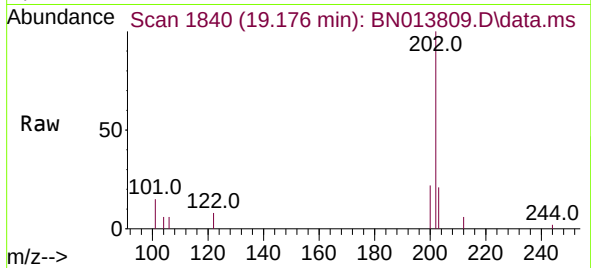




#28
Fluoranthene
Concen: 0.05 ng
RT: 19.176 min Scan# 1840
Delta R.T. -0.010 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

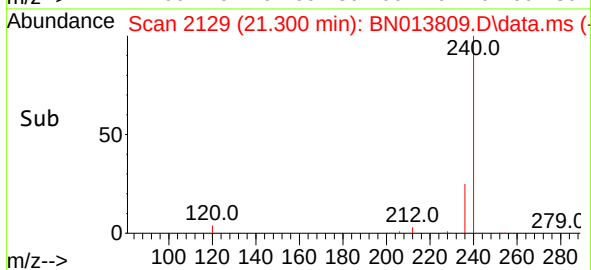
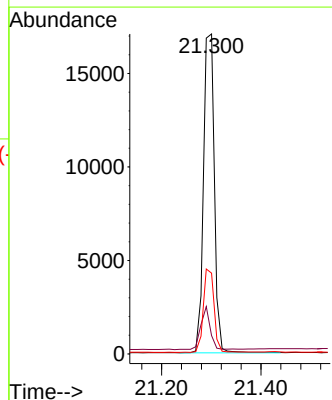
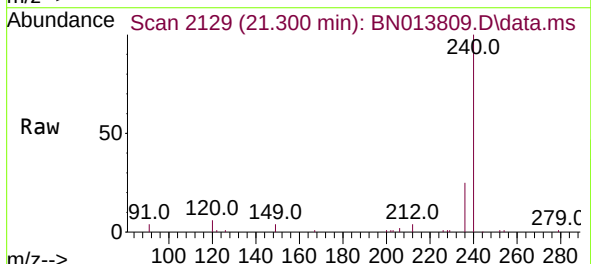
Instrument :
BNA_N
ClientSampleId :
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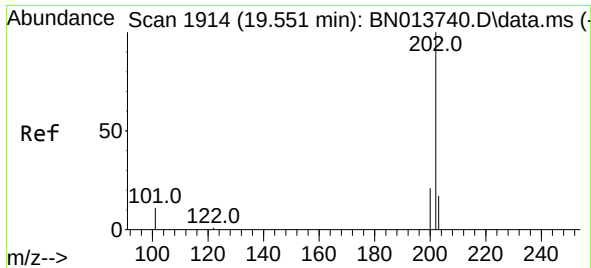
Tgt Ion:202 Resp: 4251
Ion Ratio Lower Upper
202 100
101 15.4 8.1 12.1#
203 18.0 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion:240 Resp: 25887
Ion Ratio Lower Upper
240 100
120 5.8 10.2 15.4#
236 25.3 21.3 31.9

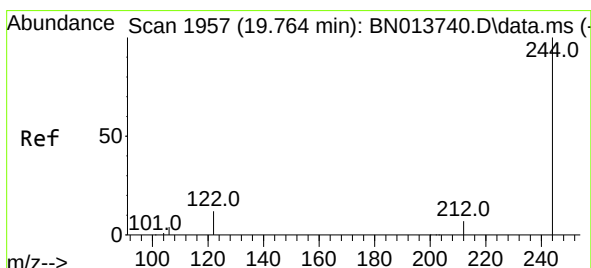
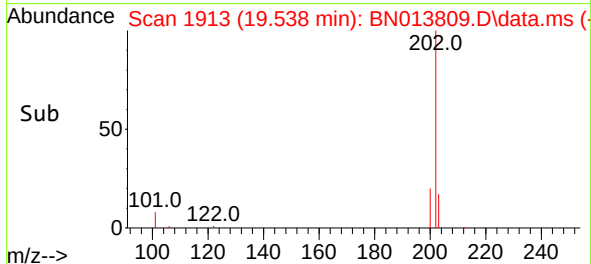
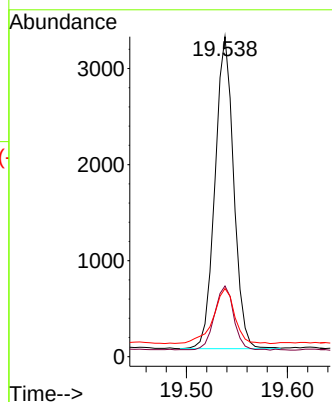
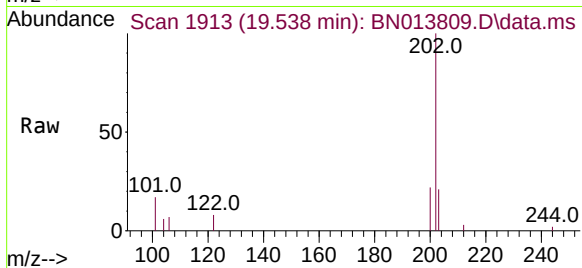




#30
Pyrene
Concen: 0.05 ng
RT: 19.538 min Scan# 1913
Delta R.T. -0.010 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

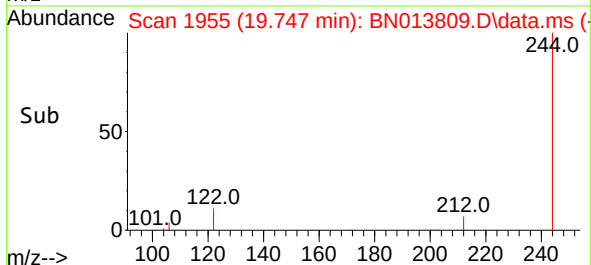
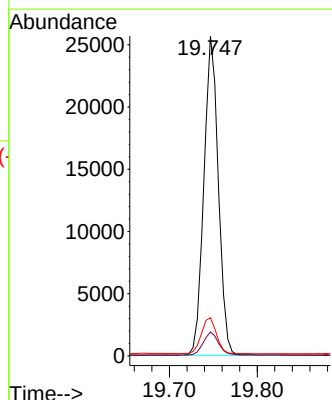
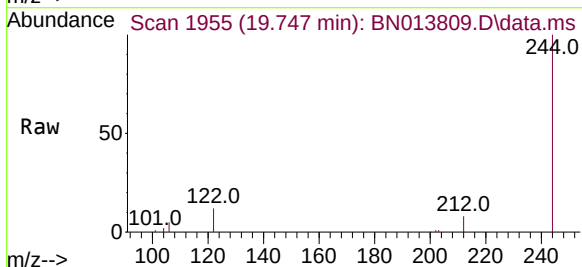
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

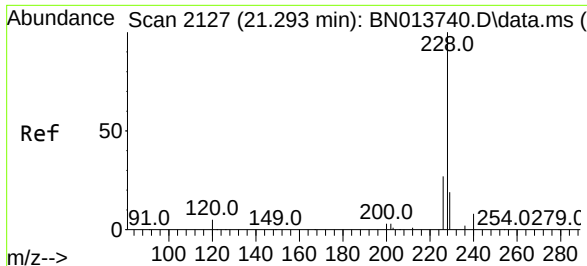
Tgt Ion:202	Resp:	4174
Ion Ratio	Lower	Upper
202	100	
200	21.3	16.3 24.5
203	20.1	14.0 21.0



#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.747 min Scan# 1955
Delta R.T. -0.015 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion:244	Resp:	29283
Ion Ratio	Lower	Upper
244	100	
212	7.5	6.1 9.1
122	12.0	9.8 14.8

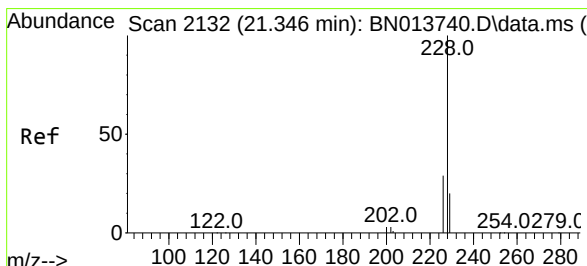
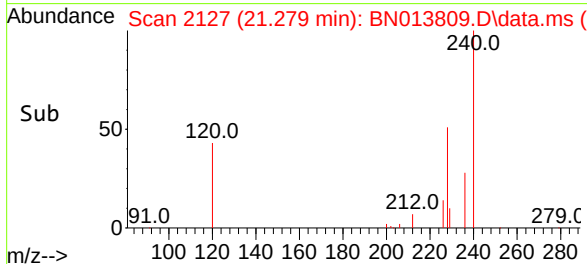
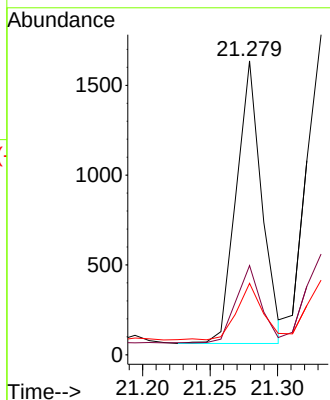
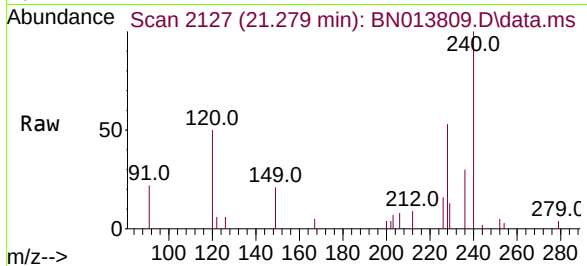




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.279 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

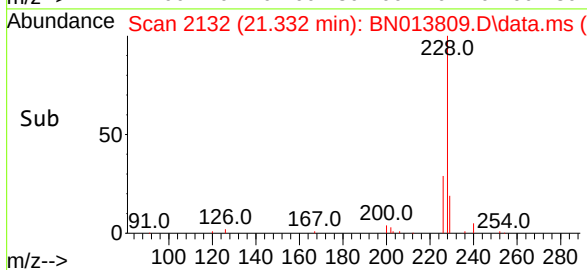
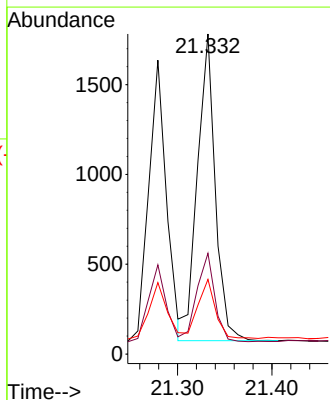
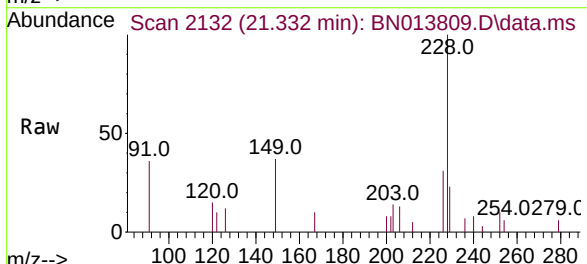
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

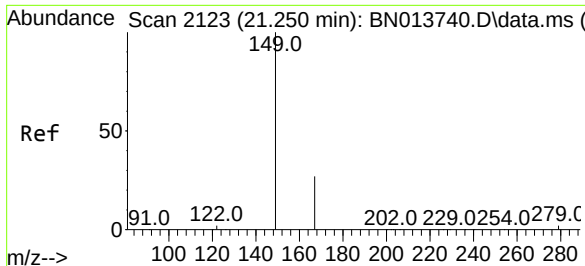
Tgt Ion:228 Resp: 2072
Ion Ratio Lower Upper
228 100
226 30.4 20.5 30.7
229 24.3 16.2 24.4



#33
Chrysene
Concen: 0.03 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion:228 Resp: 2238
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 23.3 15.1 22.7#

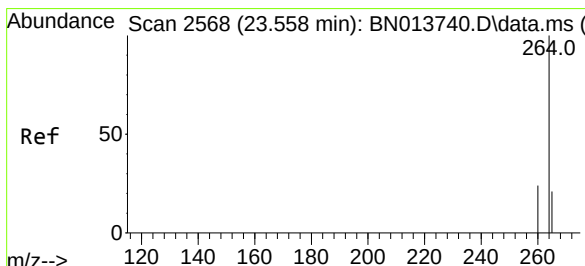
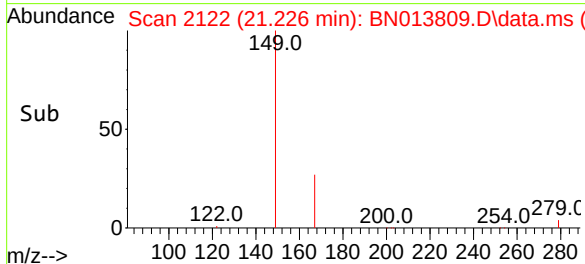
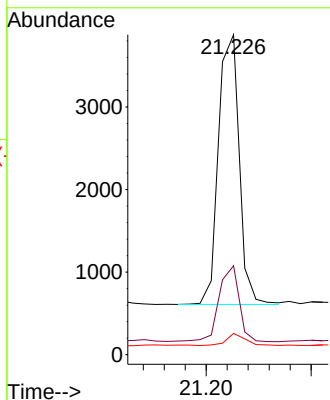
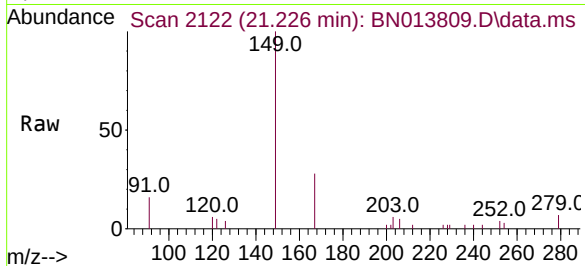




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.226 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

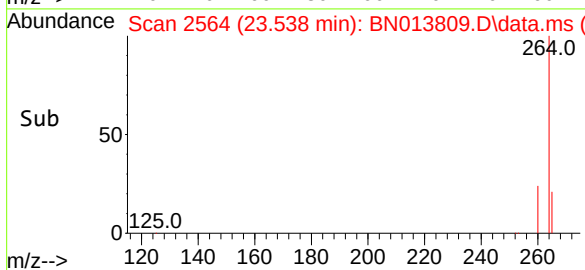
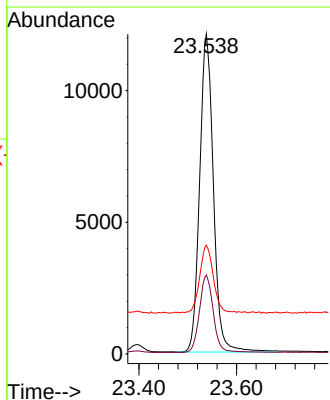
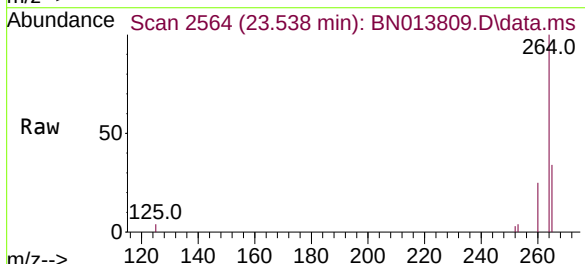
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

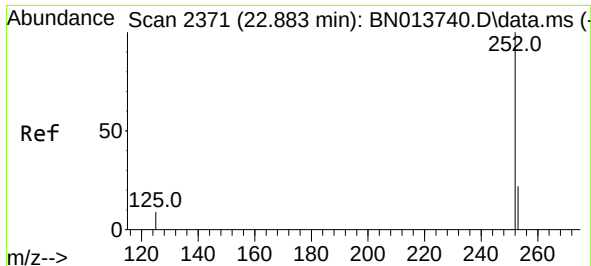
Tgt Ion:149 Resp: 4499
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.1 3.5 5.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.538 min Scan# 2564
Delta R.T. -0.014 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion:264 Resp: 23645
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 34.0 66.2 99.4#

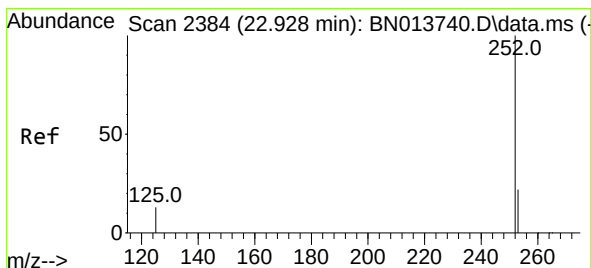
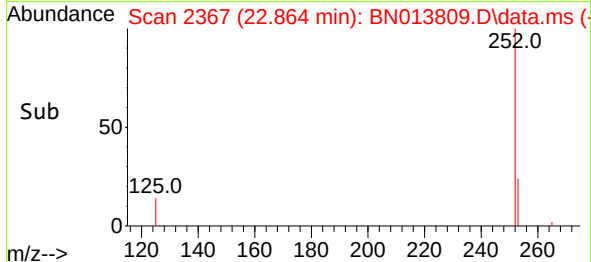
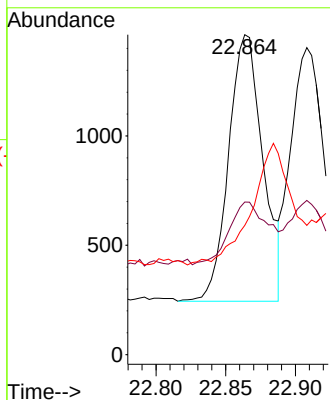
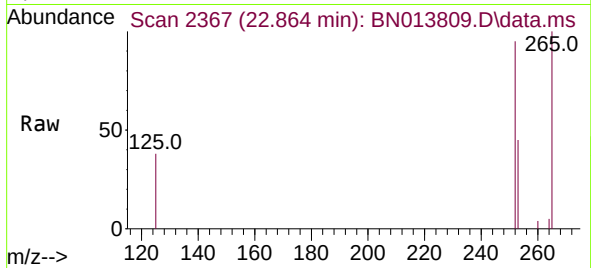




#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.864 min Scan# 2367
Delta R.T. -0.014 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

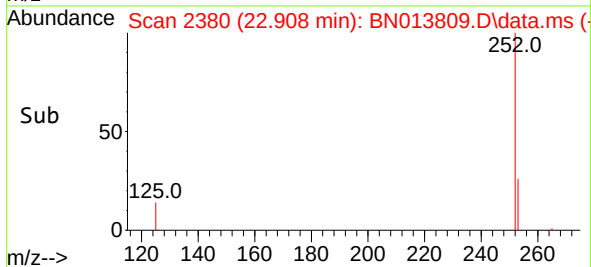
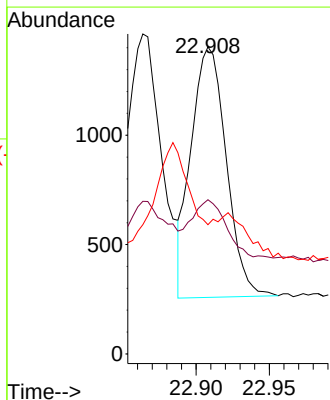
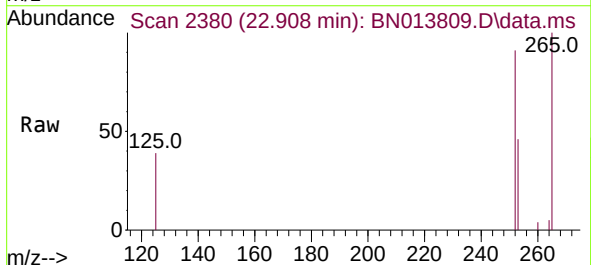
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

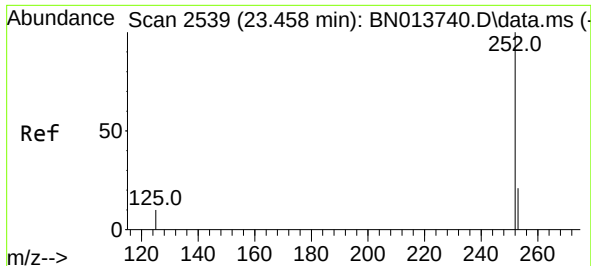
Tgt Ion:252 Resp: 2088
Ion Ratio Lower Upper
252 100
253 47.7 20.4 30.6#
125 40.4 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.908 min Scan# 2380
Delta R.T. -0.014 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion:252 Resp: 1910
Ion Ratio Lower Upper
252 100
253 50.2 20.5 30.7#
125 42.1 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.439 min Scan# 2535

Delta R.T. -0.017 min

Lab File: BN013809.D

Acq: 02 Mar 2021 15:14

Tgt Ion:252 Resp: 1685

Ion Ratio Lower Upper

252 100

253 58.7 21.8 32.6#

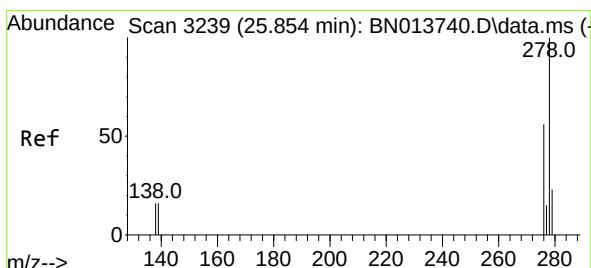
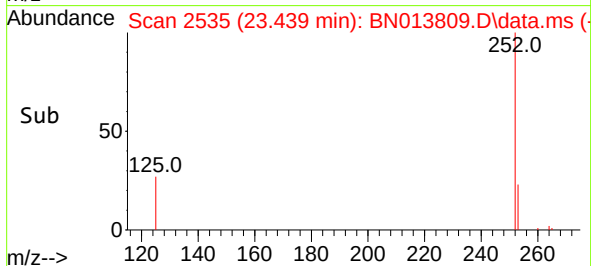
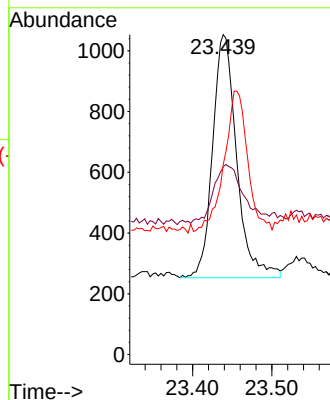
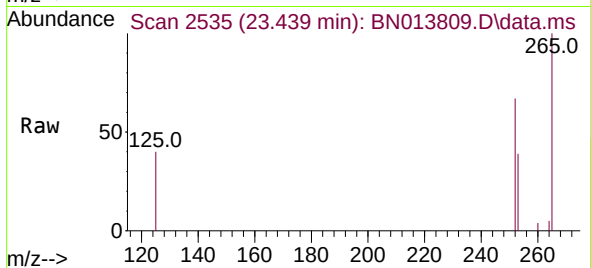
125 59.4 14.6 21.8#

Instrument :

BNA_N

ClientSampleId :

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#40

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 25.811 min Scan# 3228

Delta R.T. -0.027 min

Lab File: BN013809.D

Acq: 02 Mar 2021 15:14

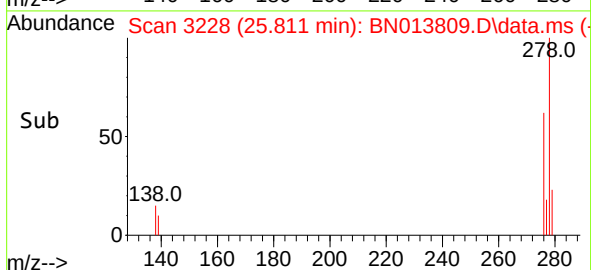
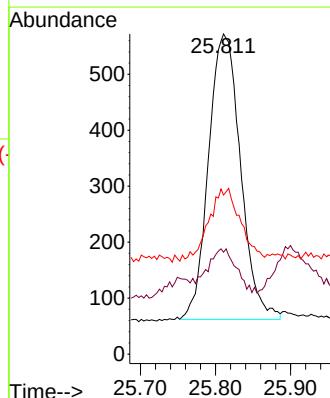
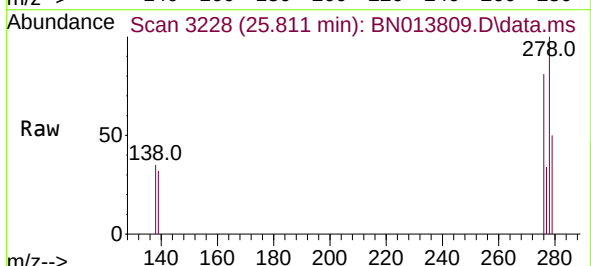
Tgt Ion:278 Resp: 1509

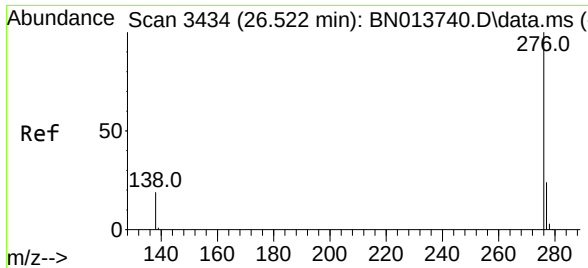
Ion Ratio Lower Upper

278 100

139 31.8 13.1 19.7#

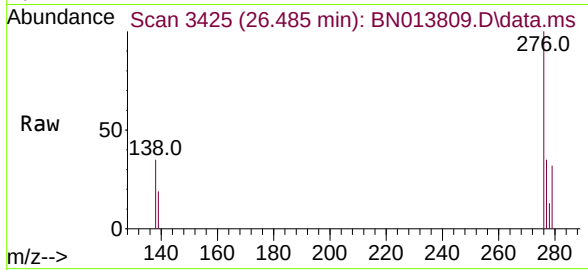
279 49.7 21.4 32.0#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.485 min Scan# 3425
Delta R.T. -0.024 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:276 Resp: 1640
Ion Ratio Lower Upper
276 100
277 35.0 20.0 30.0#
138 35.2 17.8 26.8#

