

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010722\
 Data File : BN018369.D
 Acq On : 07 Jan 2022 16:23
 Operator : CG/JU
 Sample : PB141692BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141692BL

Quant Time: Jan 08 01:33:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 07 14:23:23 2022
 Response via : Initial Calibration

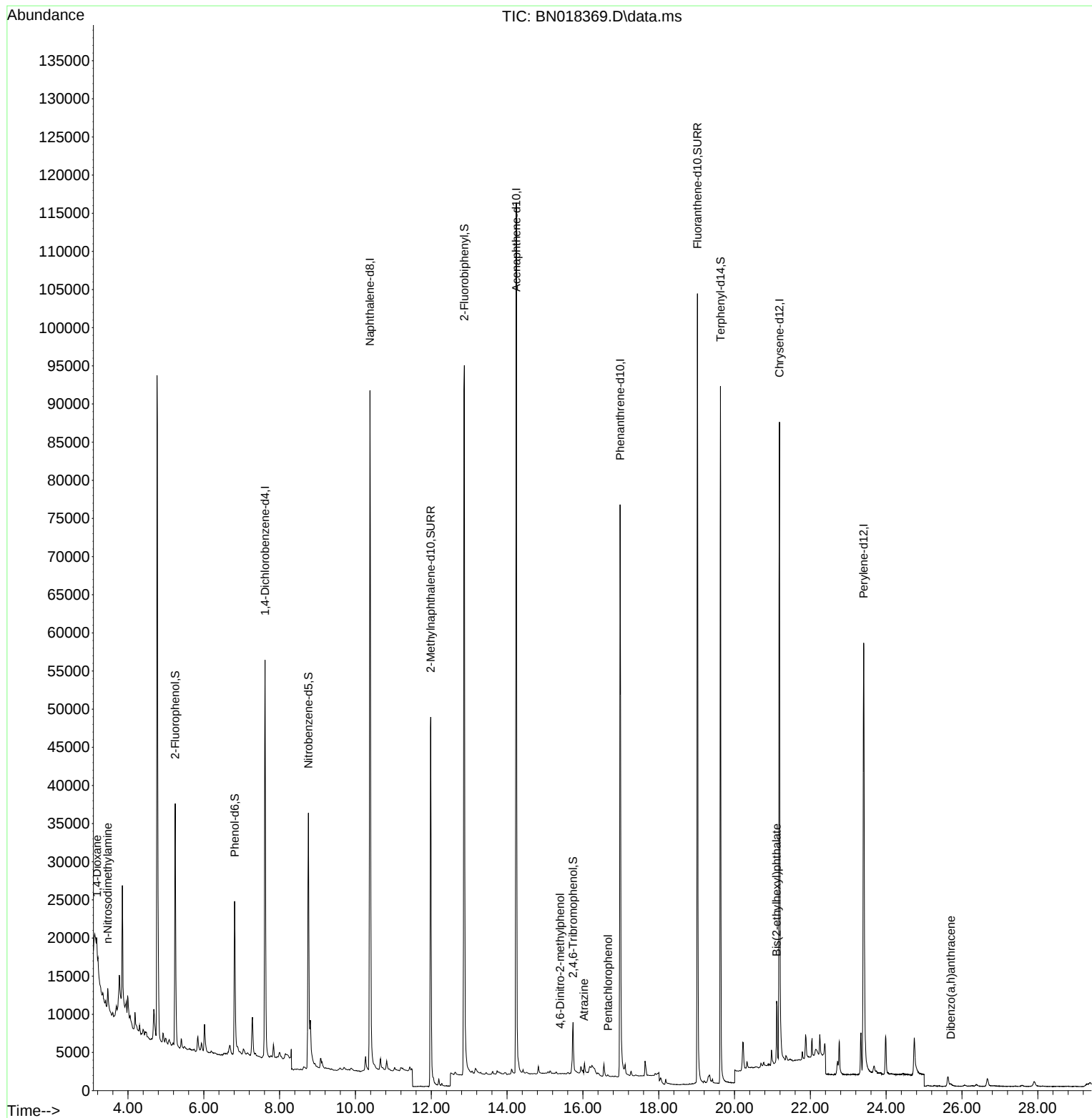
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	28736	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	132489	0.400	ng	#-0.03
13) Acenaphthene-d10	14.243	164	66647	0.400	ng	-0.01
19) Phenanthrene-d10	16.981	188	112487	0.400	ng	#-0.01
29) Chrysene-d12	21.185	240	93047	0.400	ng	# 0.00
35) Perylene-d12	23.406	264	88239	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	29118	0.412	ng	0.00
5) Phenol-d6	6.813	99	23310	0.329	ng	0.00
8) Nitrobenzene-d5	8.759	82	35025	0.471	ng	-0.01
11) 2-Methylnaphthalene-d10	11.985	152	74870	0.361	ng	-0.01
14) 2,4,6-Tribromophenol	15.741	330	6322	0.367	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	103680	0.431	ng	-0.01
27) Fluoranthene-d10	19.023	212	122635	0.382	ng	0.00
31) Terphenyl-d14	19.629	244	92037	0.457	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.180	88	704	0.044	ng	# 38
3) n-Nitrosodimethylamine	3.465	42	569	0.022	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.398	198	13	0.202	ng	# 1
23) Atrazine	16.032	200	158	0.100	ng	# 1
24) Pentachlorophenol	16.665	266	153	0.341	ng	95
34) Bis(2-ethylhexyl)phtha...	21.111	149	5530	0.233	ng	# 85
40) Dibenzo(a,h)anthracene	25.706	278	195	0.039	ng	# 1

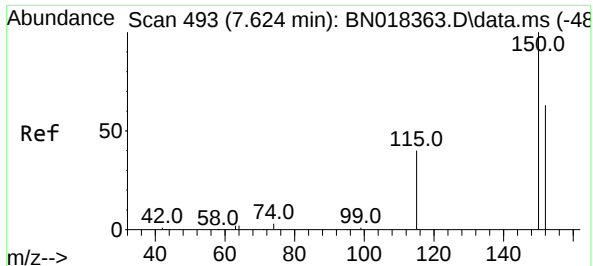
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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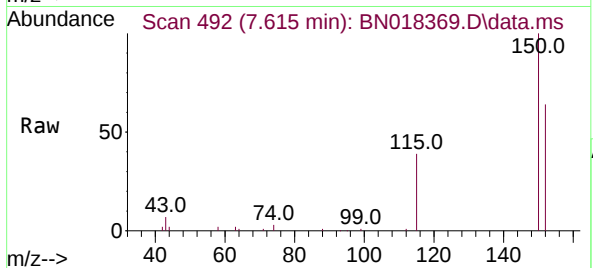
Quant Time: Jan 08 01:33:10 2022
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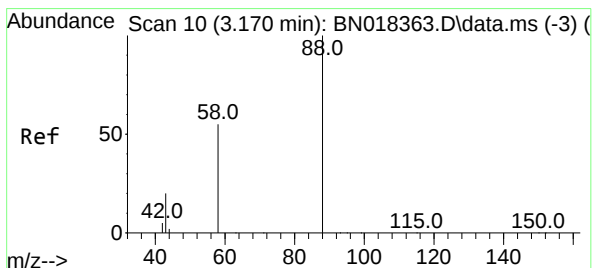
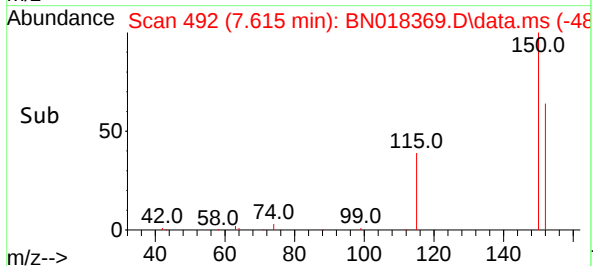
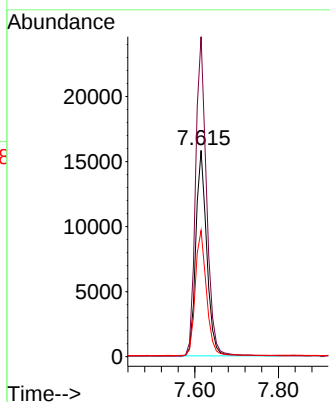


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.615 min Scan# 49
 Delta R.T. -0.009 min
 Lab File: BN018369.D
 Acq: 07 Jan 2022 16:23

Instrument :
 BNA_N
 ClientSampleId :
 PB141692BL

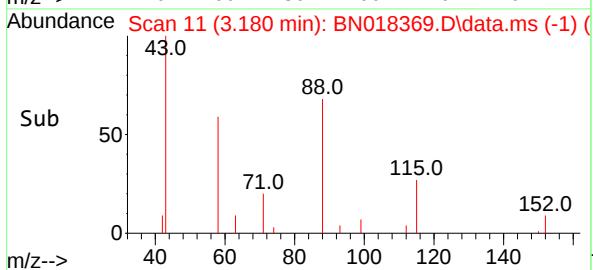
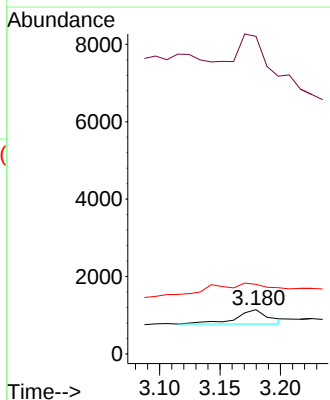
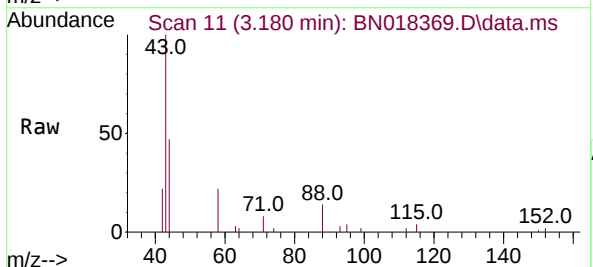


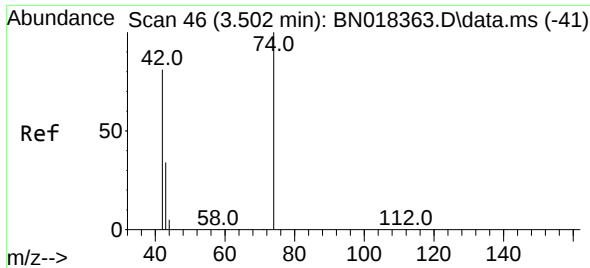
Tgt Ion:152 Resp: 28736
 Ion Ratio Lower Upper
 152 100
 150 155.1 121.7 182.5
 115 61.2 43.8 65.8



#2
 1,4-Dioxane
 Concen: 0.044 ng
 RT: 3.180 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: BN018369.D
 Acq: 07 Jan 2022 16:23

Tgt Ion: 88 Resp: 704
 Ion Ratio Lower Upper
 88 100
 43 186.1 69.7 104.5#
 58 129.7 83.8 125.8#

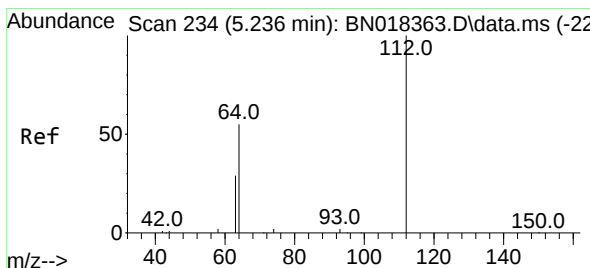
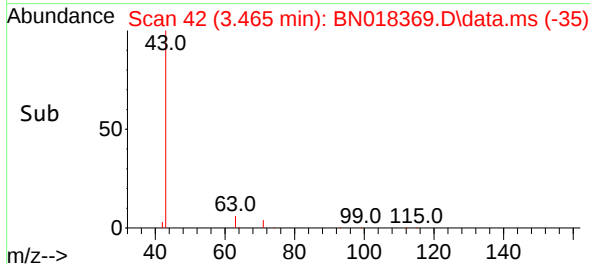
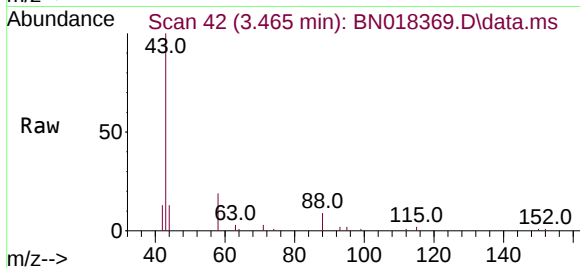




#3
 n-Nitrosodimethylamine
 Concen: 0.022 ng
 RT: 3.465 min Scan# 41
 Delta R.T. -0.037 min
 Lab File: BN018369.D
 Acq: 07 Jan 2022 16:23

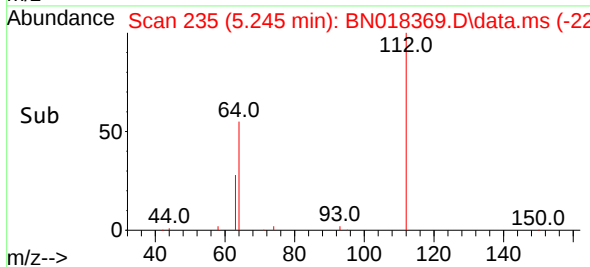
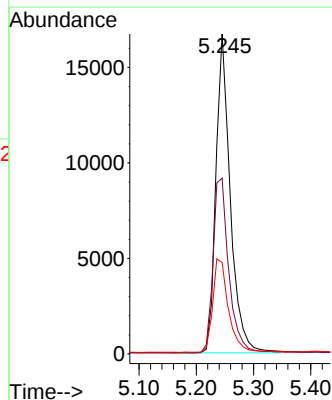
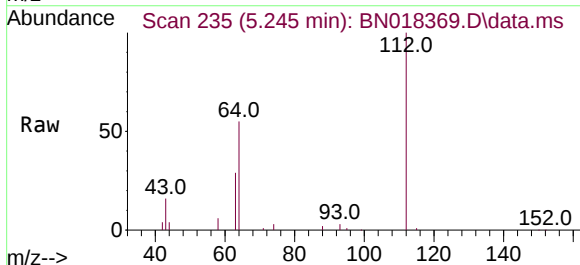
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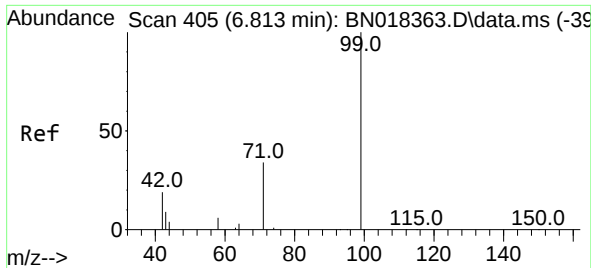
Tgt Ion: 42 Resp: 569
 Ion Ratio Lower Upper
 42 100
 74 4.7 108.6 163.0#
 44 0.0 5.8 8.8#



#4
 2-Fluorophenol
 Concen: 0.412 ng
 RT: 5.245 min Scan# 235
 Delta R.T. 0.009 min
 Lab File: BN018369.D
 Acq: 07 Jan 2022 16:23

Tgt Ion: 112 Resp: 29118
 Ion Ratio Lower Upper
 112 100
 64 59.9 48.0 72.0
 63 32.1 25.3 37.9

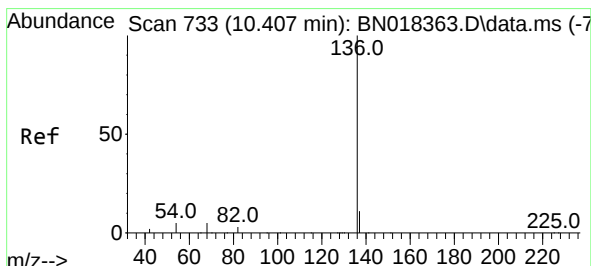
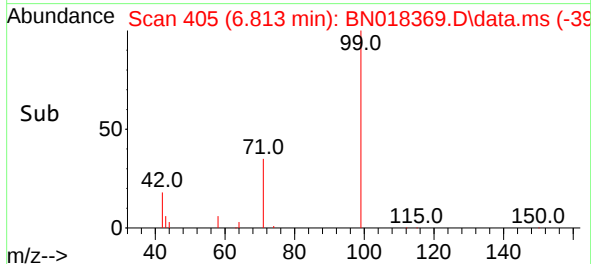
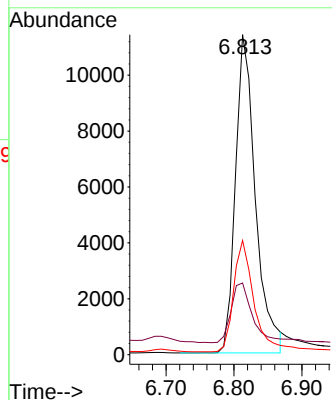
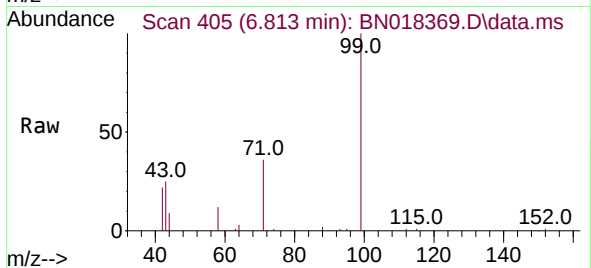




#5
Phenol-d6
Concen: 0.329 ng
RT: 6.813 min Scan# 405
Delta R.T. -0.000 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

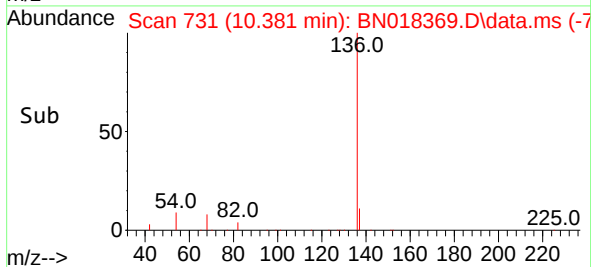
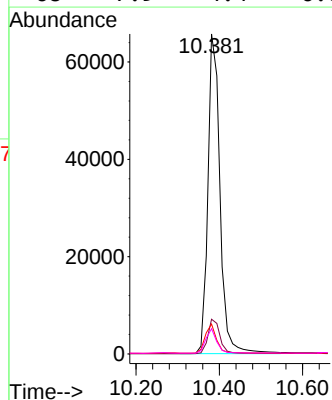
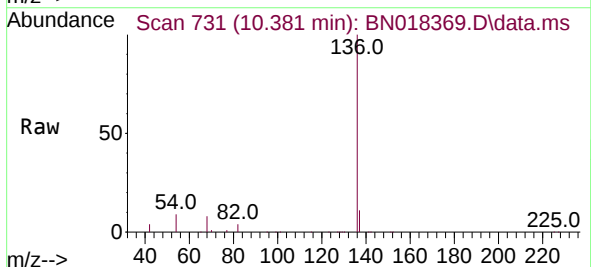
Instrument :
BNA_N
ClientSampleId :
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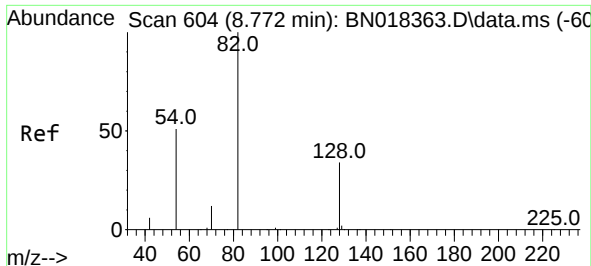
Tgt Ion: 99 Resp: 23310
Ion Ratio Lower Upper
99 100
42 19.8 16.3 24.5
71 34.6 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. -0.026 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

Tgt Ion: 136 Resp: 132489
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.3 5.0 7.6#
68 7.9 4.4 6.6#

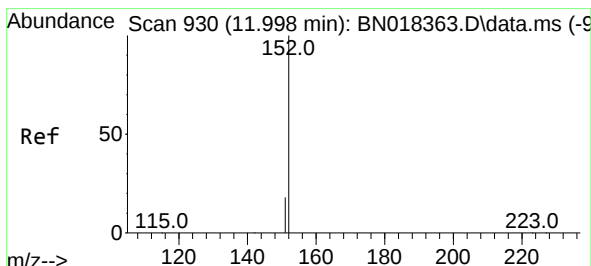
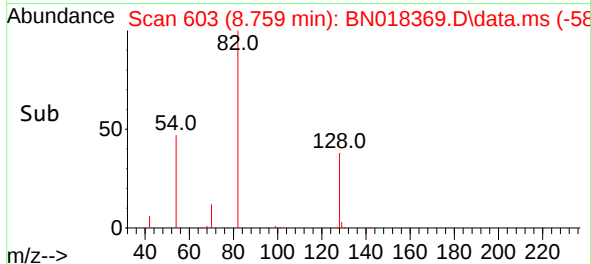
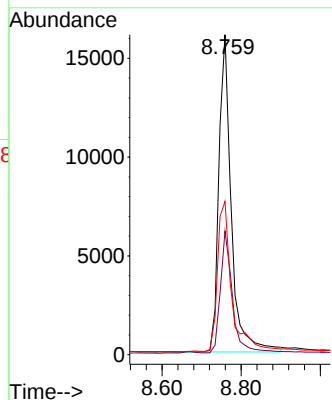
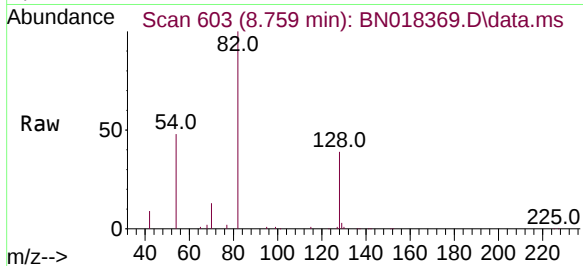




#8
Nitrobenzene-d5
Concen: 0.471 ng
RT: 8.759 min Scan# 604
Delta R.T. -0.013 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

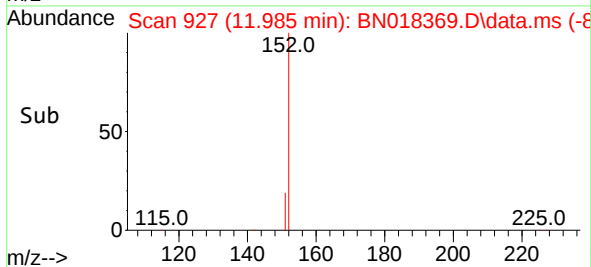
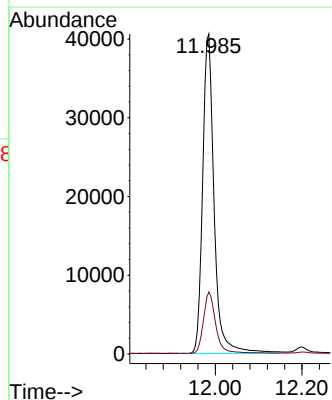
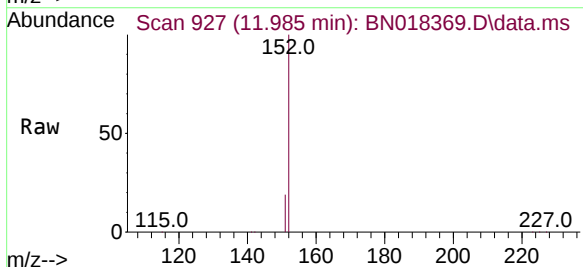
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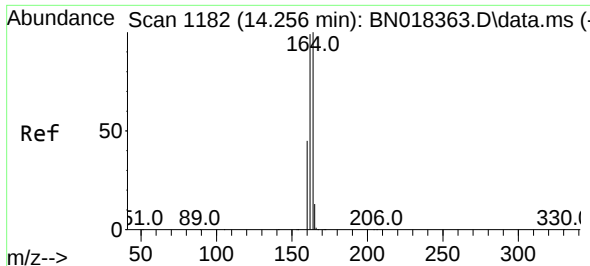
Tgt Ion: 82 Resp: 35025
Ion Ratio Lower Upper
82 100
128 38.6 33.7 50.5
54 47.9 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 11.985 min Scan# 927
Delta R.T. -0.013 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

Tgt Ion: 152 Resp: 74870
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2

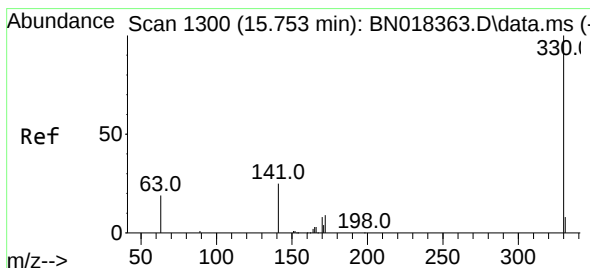
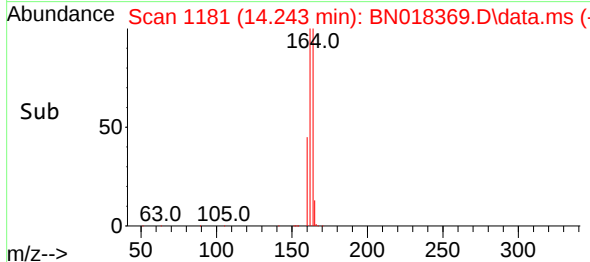
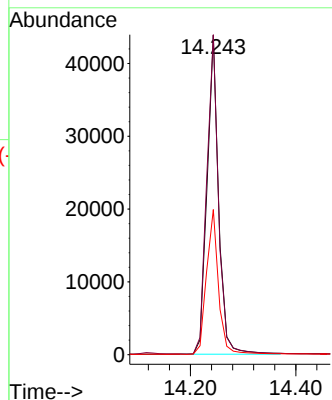
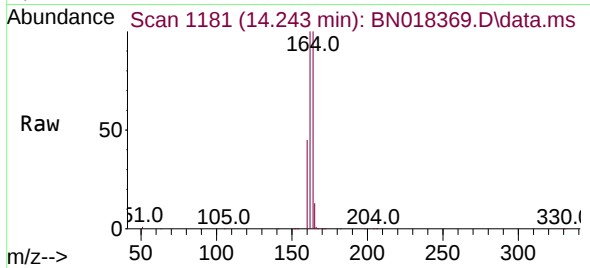




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. -0.013 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

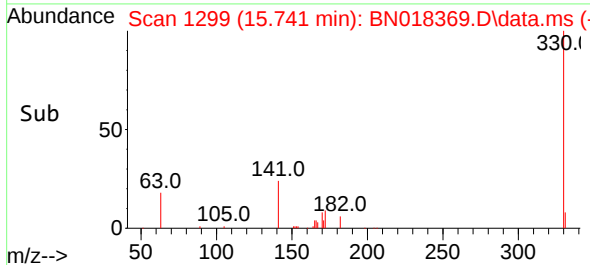
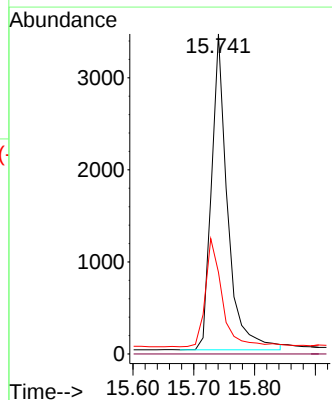
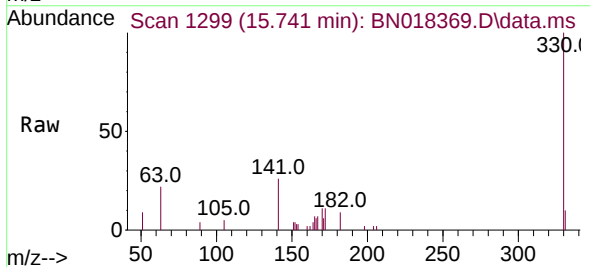
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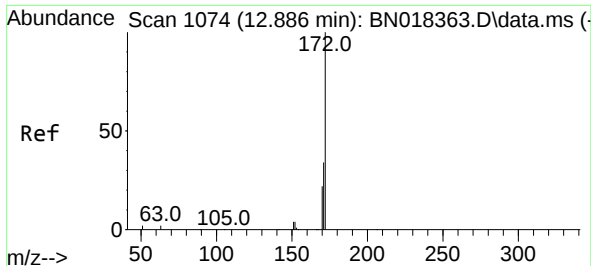
Tgt Ion:164 Resp: 66647
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 45.4 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.741 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

Tgt Ion:330 Resp: 6322
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.9 21.3 31.9#

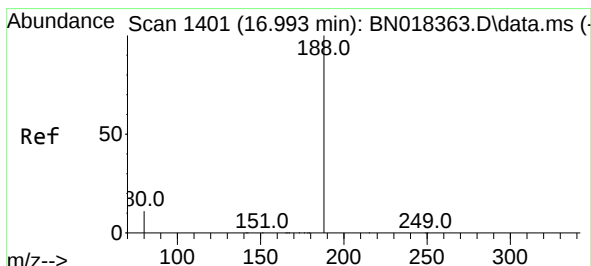
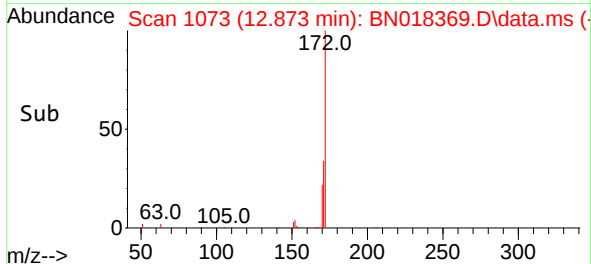
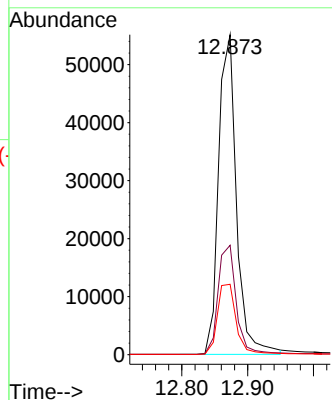
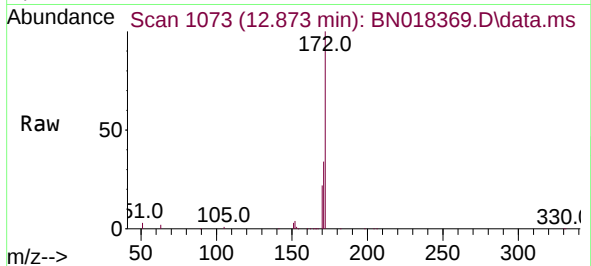




#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

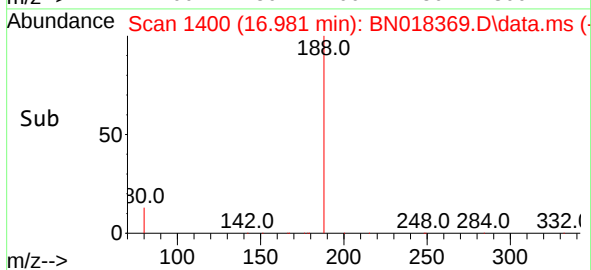
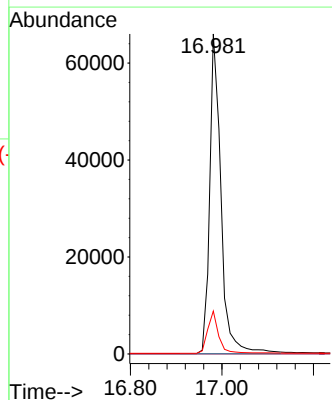
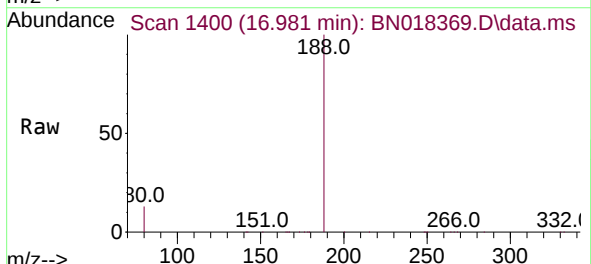
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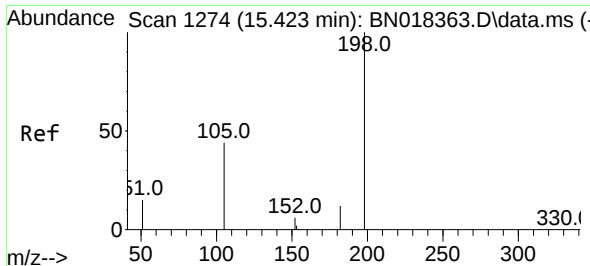
Tgt Ion:172 Resp: 103680
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.0
170 22.0 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.981 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

Tgt Ion:188 Resp: 112487
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 7.0 10.4#

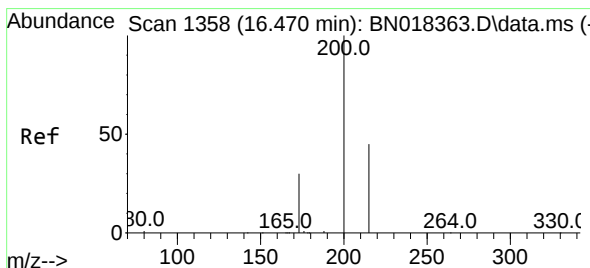
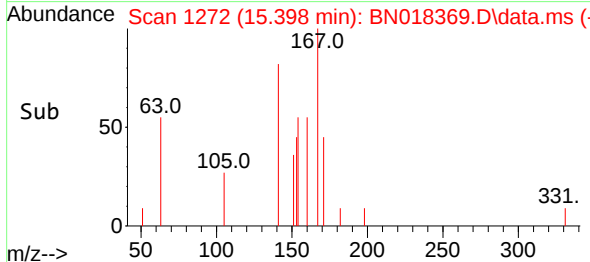
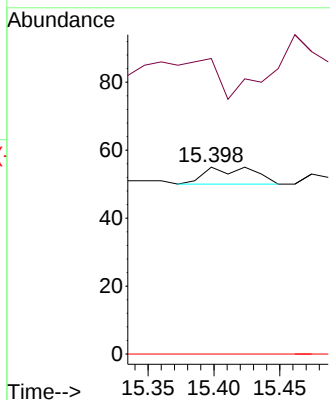
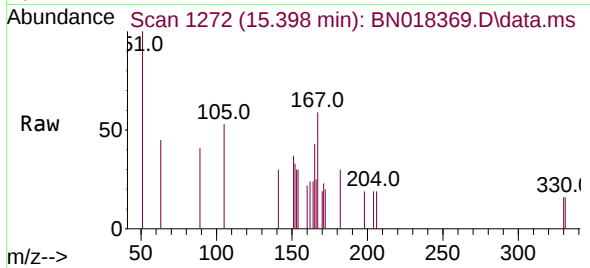




#20
4,6-Dinitro-2-methylphenol
Concen: 0.202 ng
RT: 15.398 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

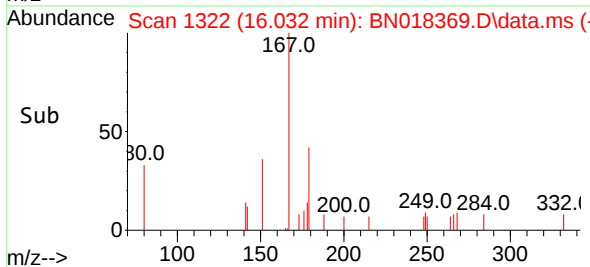
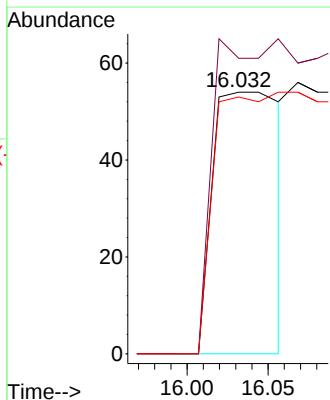
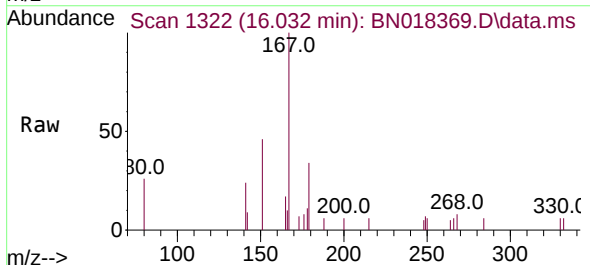
Instrument :
BNA_N
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PB141692BL

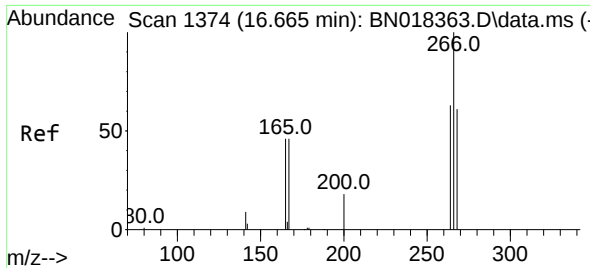
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
182 158.2 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.100 ng
RT: 16.032 min Scan# 1322
Delta R.T. -0.438 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

Tgt Ion:200 Resp: 158
Ion Ratio Lower Upper
200 100
173 113.0 20.3 30.5#
215 98.1 40.4 60.6#

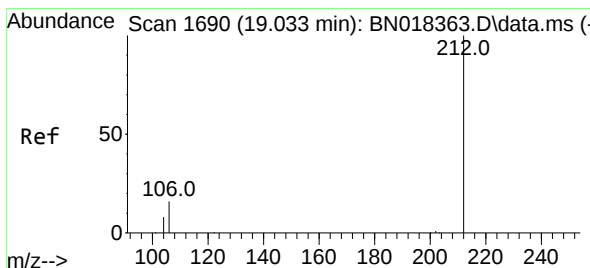
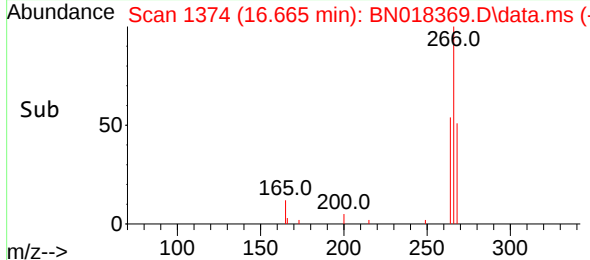
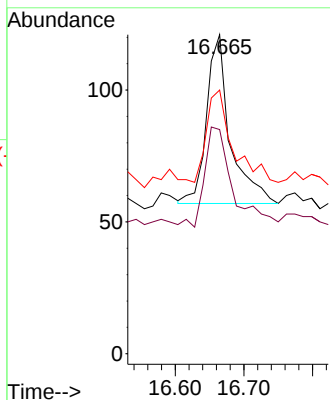
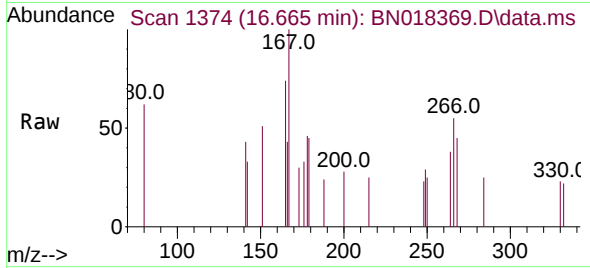




#24
 Pentachlorophenol
 Concen: 0.341 ng
 RT: 16.665 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN018369.D
 Acq: 07 Jan 2022 16:23

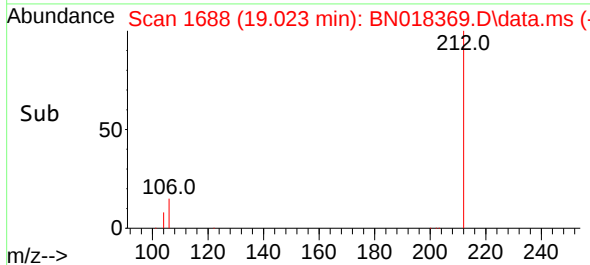
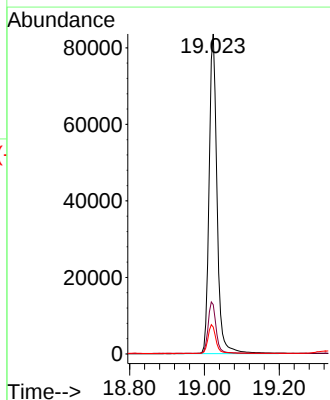
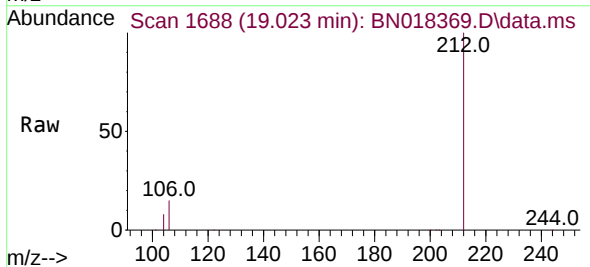
Instrument :
 BNA_N
 ClientSampleId :
 PB141692BL

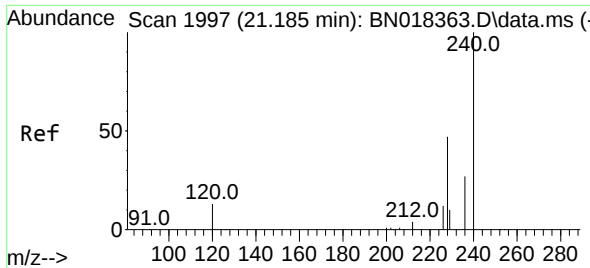
Tgt Ion:	266	Resp:	153
Ion Ratio	Lower	Upper	
266	100		
264	65.4	49.5	74.3
268	59.5	50.6	76.0



#27
 Fluoranthene-d10
 Concen: 0.382 ng
 RT: 19.023 min Scan# 1688
 Delta R.T. -0.010 min
 Lab File: BN018369.D
 Acq: 07 Jan 2022 16:23

Tgt Ion:	212	Resp:	122635
Ion Ratio	Lower	Upper	
212	100		
106	16.2	8.4	12.6#
104	9.0	4.5	6.7#

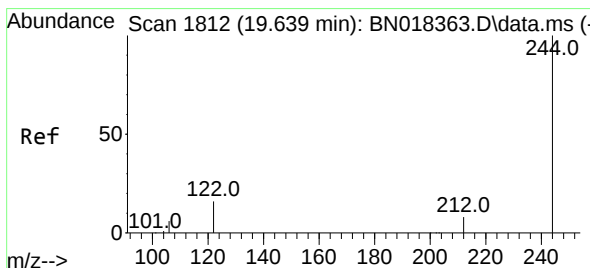
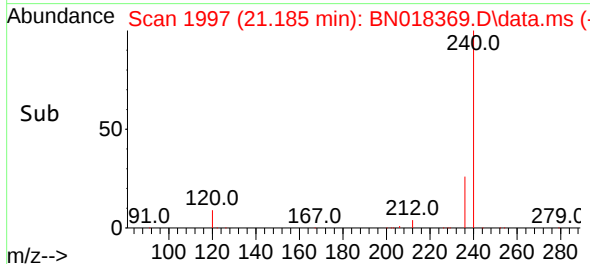
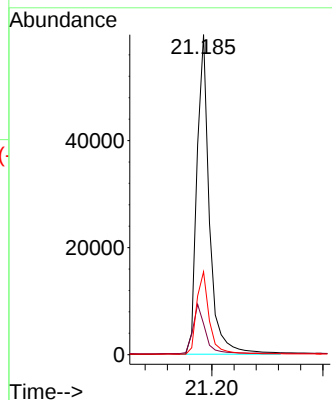
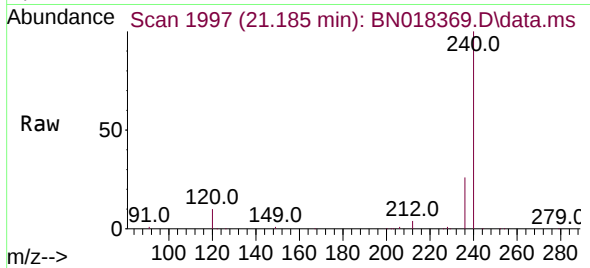




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.185 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

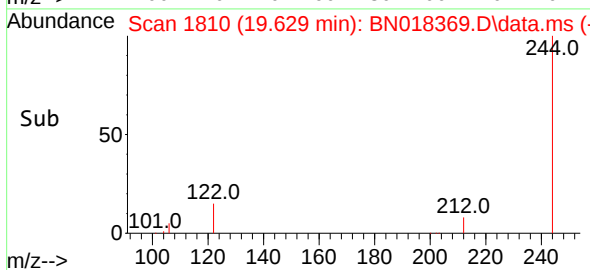
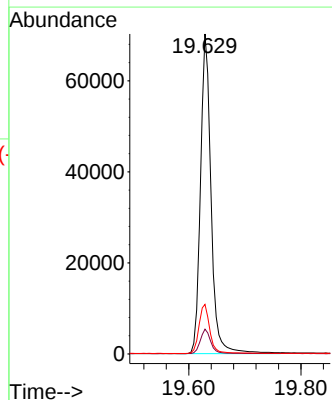
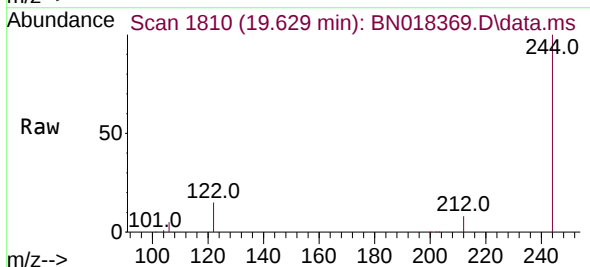
Instrument :
BNA_N
ClientSampleId :
PB141692BL

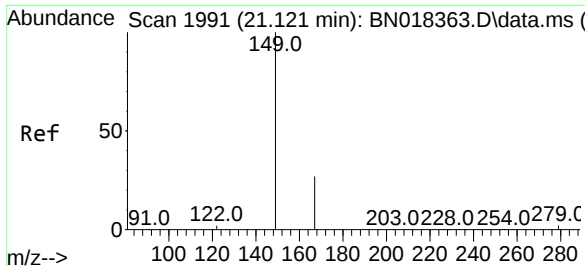
Tgt Ion:240 Resp: 93047
Ion Ratio Lower Upper
240 100
120 9.7 6.0 9.0#
236 25.9 21.4 32.2



#31
Terphenyl-d14
Concen: 0.457 ng
RT: 19.629 min Scan# 1810
Delta R.T. -0.010 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

Tgt Ion:244 Resp: 92037
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 15.5 7.9 11.9#

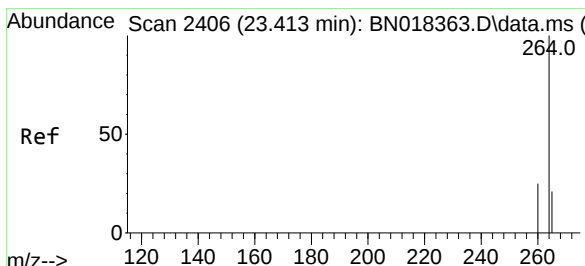
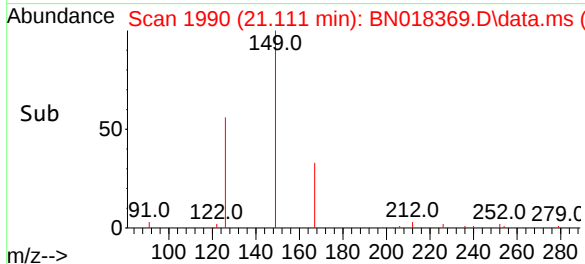
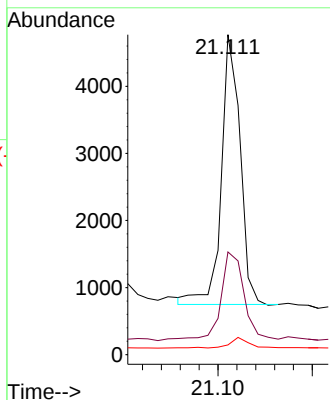
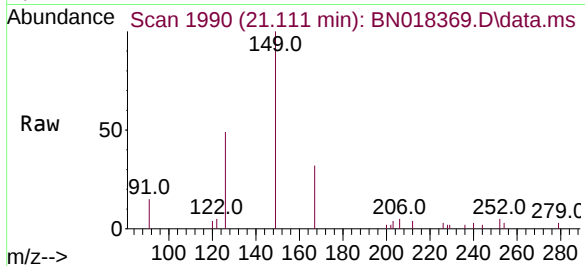




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.233 ng
RT: 21.111 min Scan# 1990
Delta R.T. -0.010 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

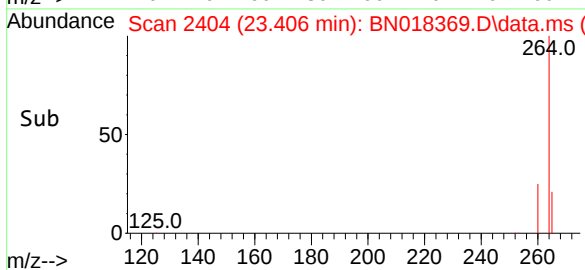
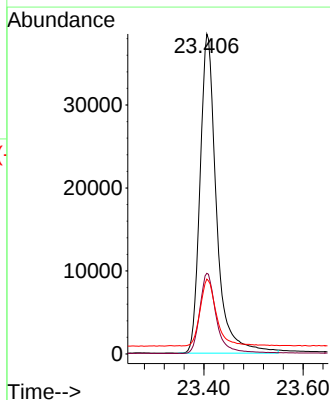
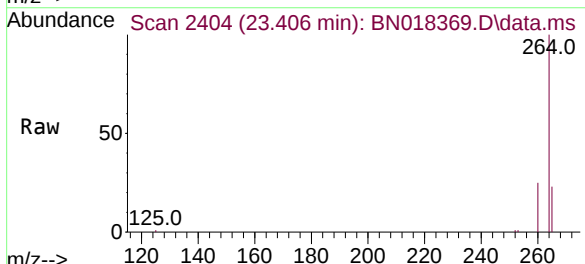
Instrument :
BNA_N
ClientSampleId :
PB141692BL

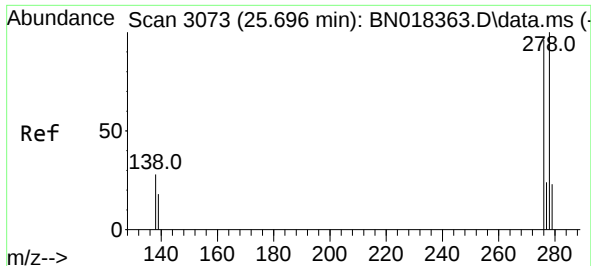
Tgt Ion:149 Resp: 5530
Ion Ratio Lower Upper
149 100
167 38.5 23.7 35.5#
279 3.8 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.406 min Scan# 2404
Delta R.T. -0.007 min
Lab File: BN018369.D
Acq: 07 Jan 2022 16:23

Tgt Ion:264 Resp: 88239
Ion Ratio Lower Upper
264 100
260 25.2 20.2 30.4
265 23.4 18.2 27.2





#40

Dibenzo(a,h)anthracene

Concen: 0.039 ng

RT: 25.706 min Scan# 30

Delta R.T. 0.010 min

Lab File: BN018369.D

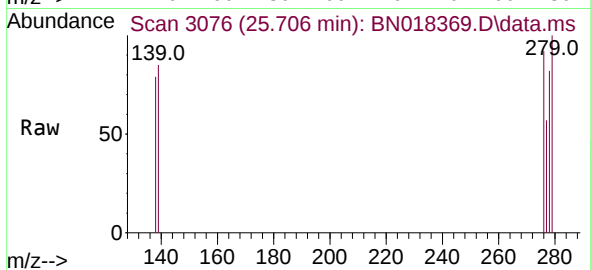
Acq: 07 Jan 2022 16:23

Instrument :

BNA_N

ClientSampleId :

PB141692BL



Tgt Ion:278 Resp: 195

Ion Ratio Lower Upper

278 100

139 104.1 10.8 16.2#

279 122.4 19.0 28.4#

