

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
 Data File : BN015002.D
 Acq On : 23 Jun 2021 11:07
 Operator : CG/JU
 Sample : M2750-08DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210615DL

Quant Time: Jun 23 11:40:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 17 01:26:44 2021
 Response via : Initial Calibration

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

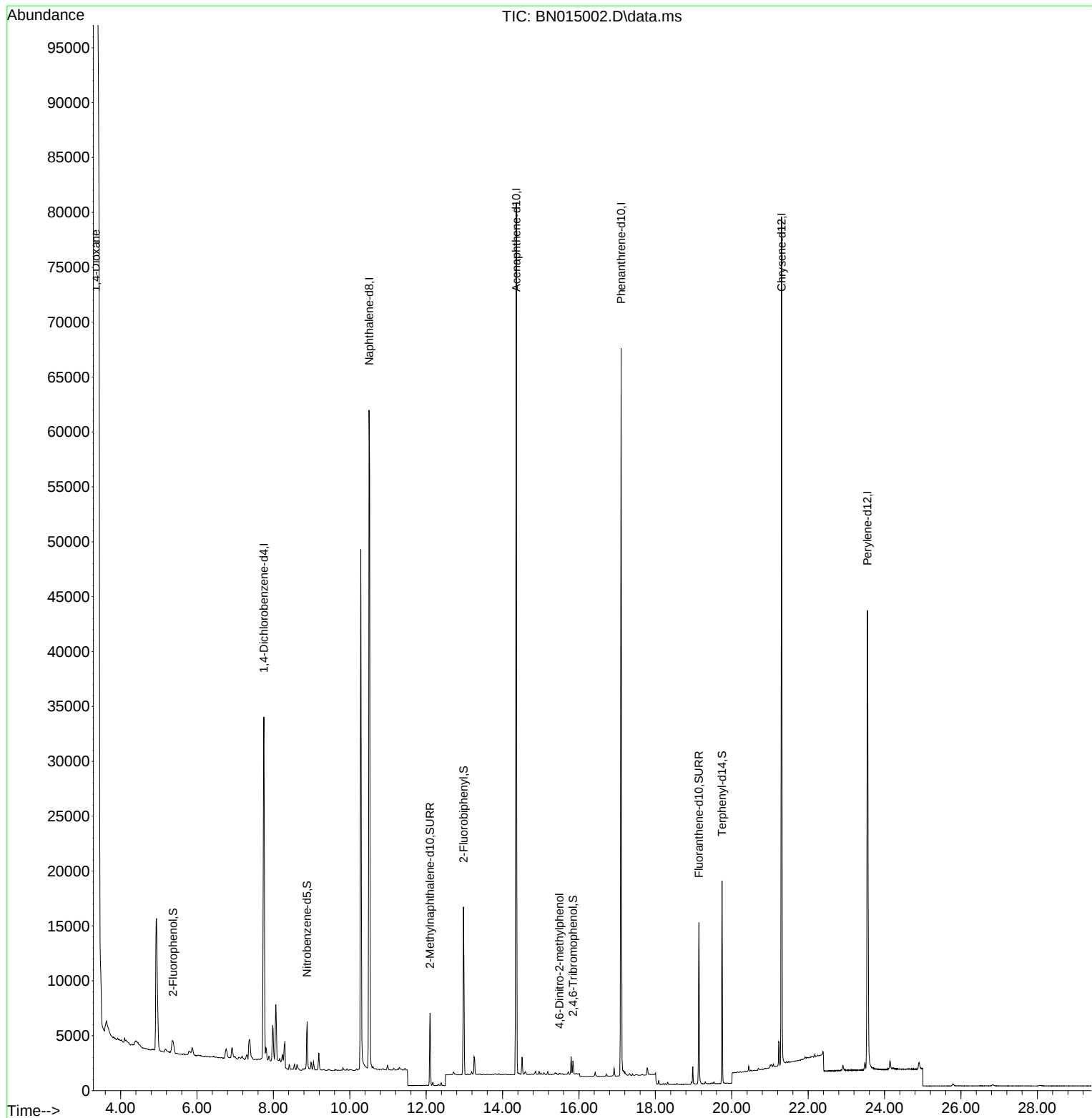
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	19335	0.400	ng	#-0.01
7) Naphthalene-d8	10.505	136	86795	0.400	ng	#-0.02
13) Acenaphthene-d10	14.359	164	44338	0.400	ng	-0.01
19) Phenanthrene-d10	17.104	188	84405	0.400	ng	#-0.01
29) Chrysene-d12	21.303	240	68133	0.400	ng	#-0.02
35) Perylene-d12	23.554	264	57066	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	1604	0.027	ng	0.00
5) Phenol-d6	6.920	99	1138	0.015	ng	0.00
8) Nitrobenzene-d5	8.883	82	3807	0.058	ng	-0.02
11) 2-Methylnaphthalene-d10	12.102	152	8717	0.059	ng	-0.02
14) 2,4,6-Tribromophenol	15.843	330	901	0.043	ng	-0.02
15) 2-Fluorobiphenyl	12.976	172	13027	0.077	ng	-0.02
27) Fluoranthene-d10	19.138	212	16308	0.061	ng	-0.02
31) Terphenyl-d14	19.744	244	17512	0.104	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.352	88	14776	1.822	ng	# 76
20) 4,6-Dinitro-2-methylph...	15.488	198	1	0.104	ng	# 8

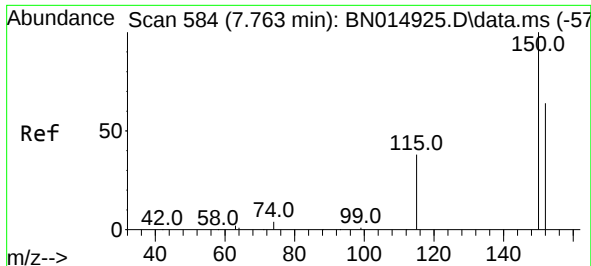
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 17 01:26:44 2021
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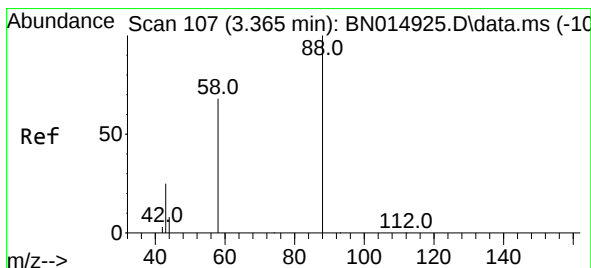
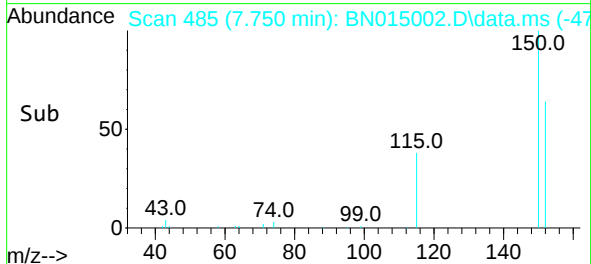
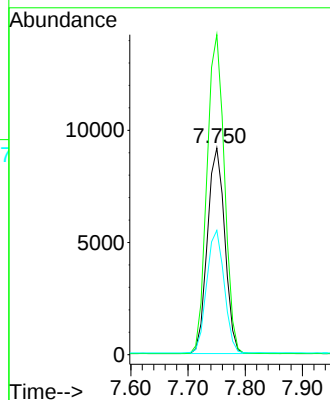
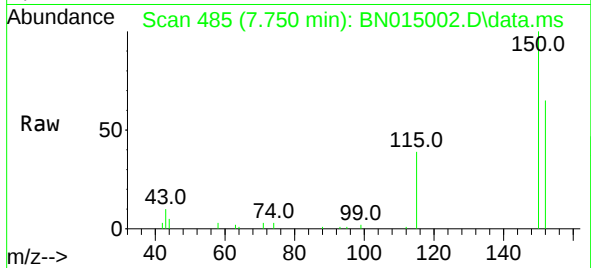




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.750 min Scan# 485
 Delta R.T. -0.013 min
 Lab File: BN015002.D
 Acq: 23 Jun 2021 11:07

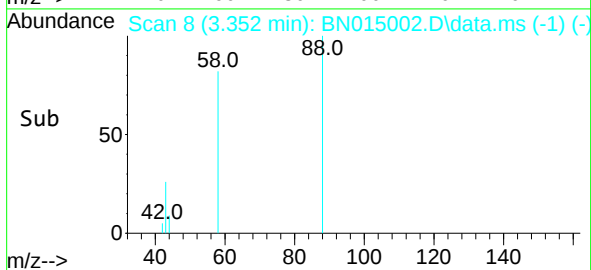
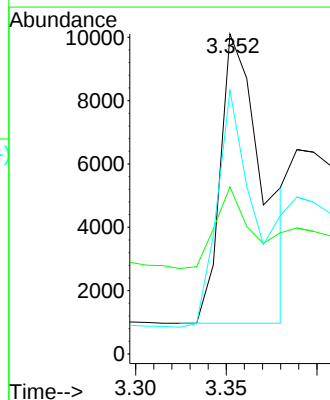
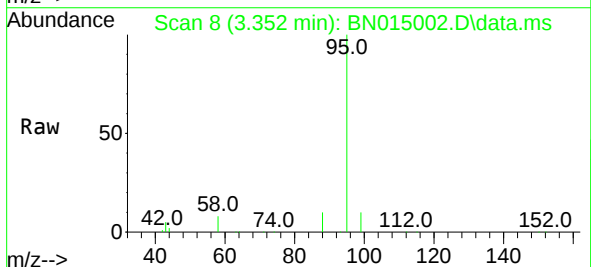
Instrument :
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 ClientSampleId :
 RE120D1-20210615DL

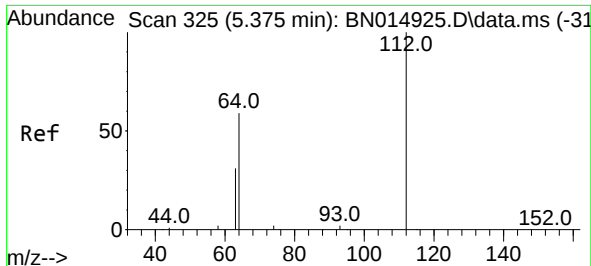
Tgt Ion:152 Resp: 19335
 Ion Ratio Lower Upper
 152 100
 150 154.8 119.0 178.6
 115 60.2 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 1.822 ng
 RT: 3.352 min Scan# 8
 Delta R.T. -0.012 min
 Lab File: BN015002.D
 Acq: 23 Jun 2021 11:07

Tgt Ion: 88 Resp: 14776
 Ion Ratio Lower Upper
 88 100
 43 22.5 12.9 19.3#
 58 65.8 38.1 57.1#

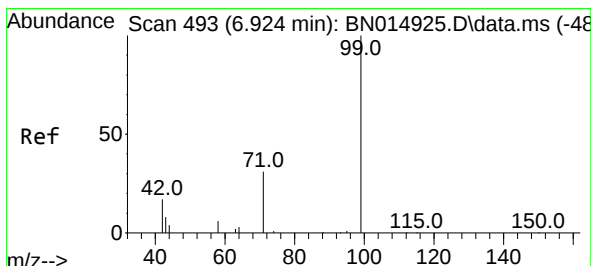
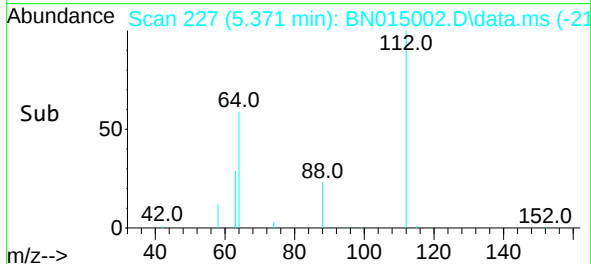
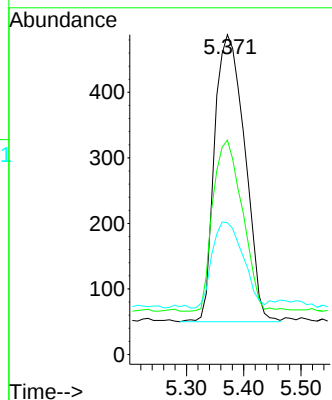
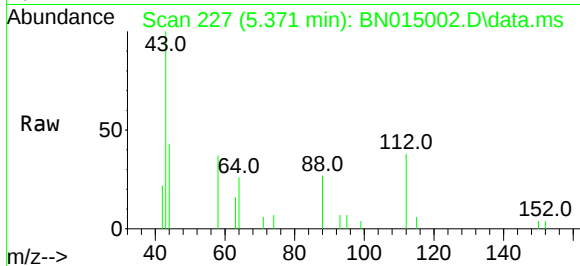




#4
2-Fluorophenol
Concen: 0.027 ng
RT: 5.371 min Scan# 227
Delta R.T. -0.003 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

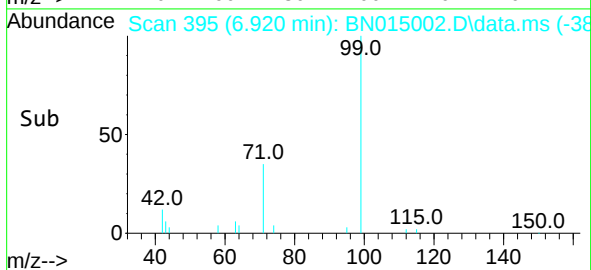
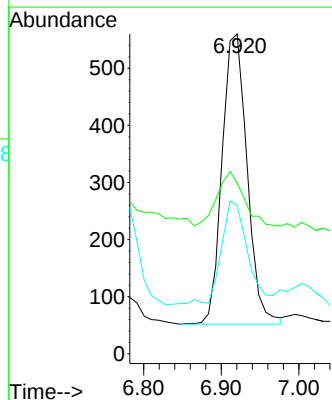
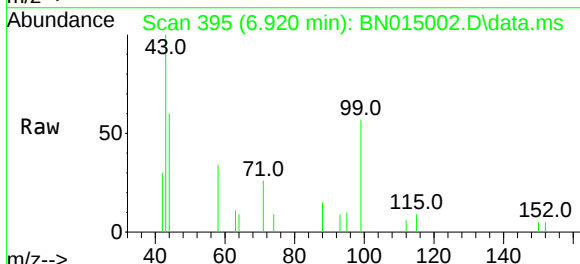
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210615DL

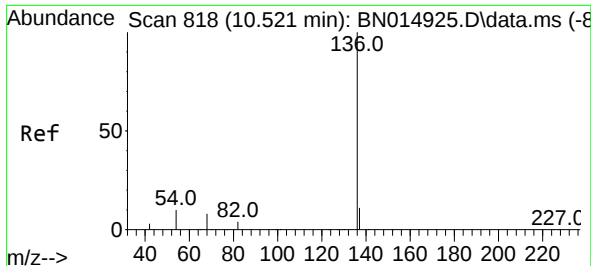
Tgt Ion:112 Resp: 1604
Ion Ratio Lower Upper
112 100
64 58.7 39.0 58.6#
63 30.6 20.6 30.8



#5
Phenol-d6
Concen: 0.015 ng
RT: 6.920 min Scan# 395
Delta R.T. -0.003 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

Tgt Ion: 99 Resp: 1138
Ion Ratio Lower Upper
99 100
42 19.7 8.9 13.3#
71 37.3 35.6 53.4

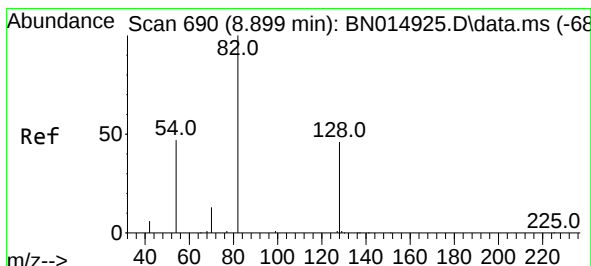
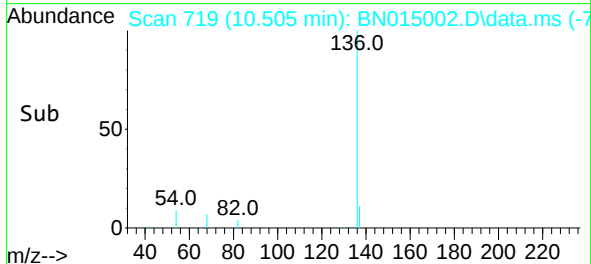
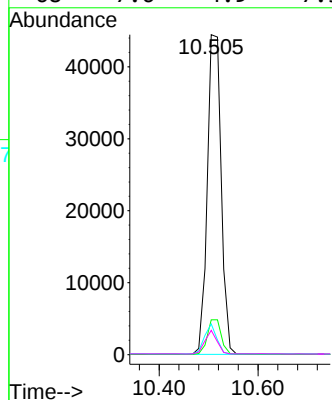
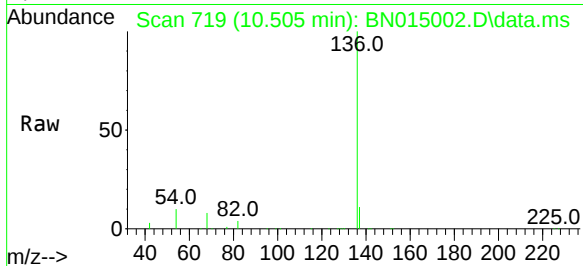




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.016 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

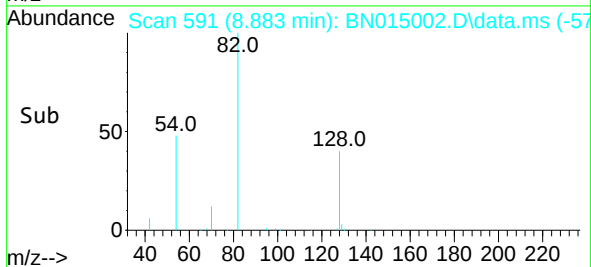
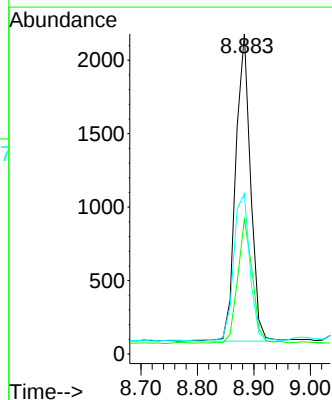
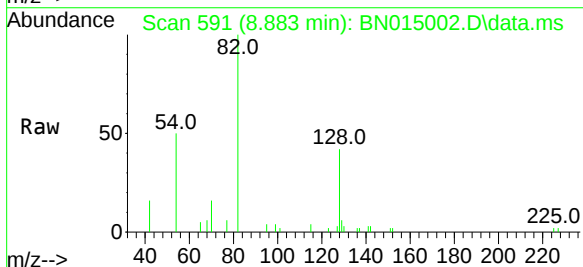
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210615DL

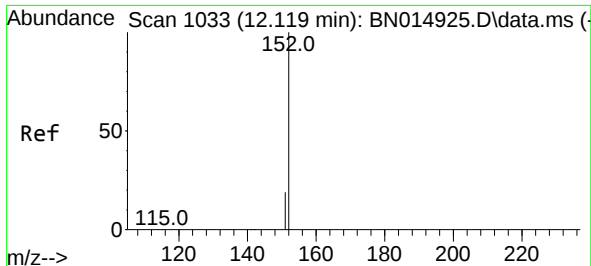
Tgt Ion:	136	Resp:	86795
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.8
54	9.6	5.4	8.2#
68	7.6	4.9	7.3#



#8
Nitrobenzene-d5
Concen: 0.058 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.016 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

Tgt Ion:	82	Resp:	3807
Ion Ratio	Lower	Upper	
82	100		
128	42.1	31.6	47.4
54	50.1	29.0	43.4#

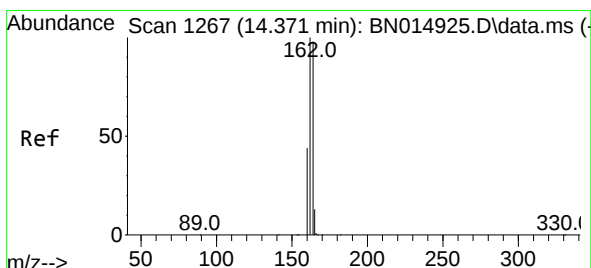
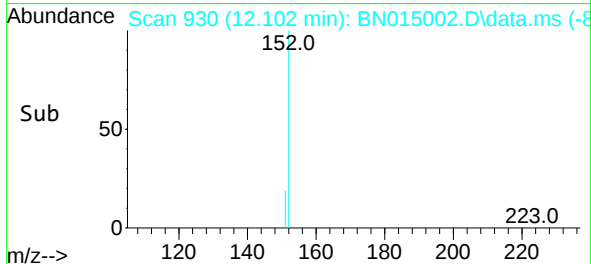
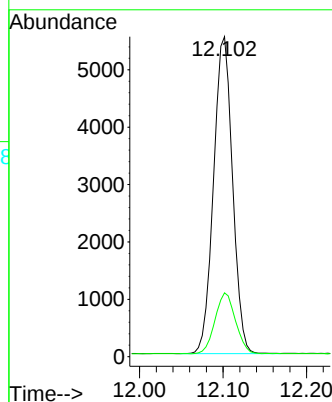
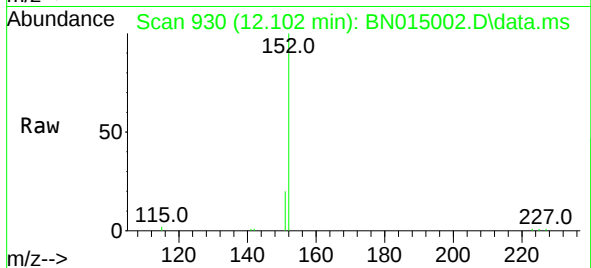




#11
2-Methylnaphthalene-d10
Concen: 0.059 ng
RT: 12.102 min Scan# 930
Delta R.T. -0.017 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

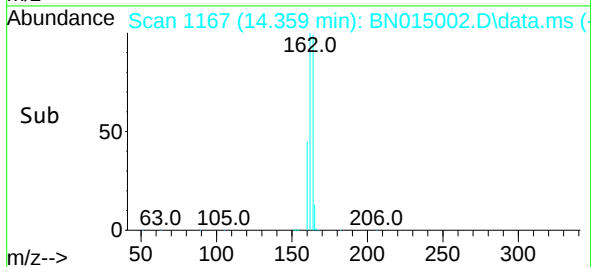
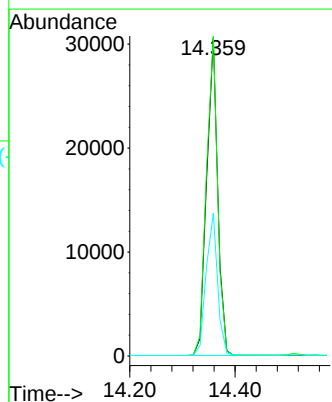
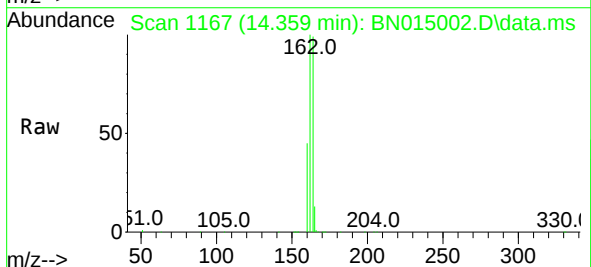
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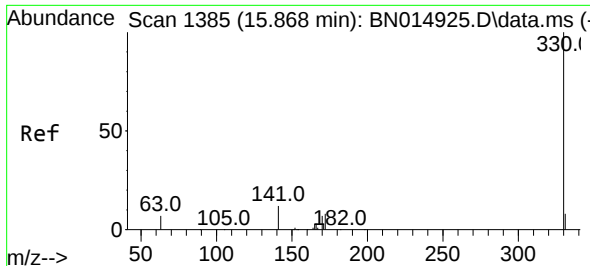
Tgt Ion:152 Resp: 8717
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.359 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

Tgt Ion:164 Resp: 44338
Ion Ratio Lower Upper
164 100
162 100.6 83.8 125.6
160 44.9 37.4 56.0

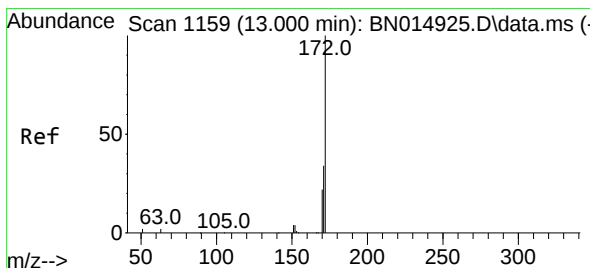
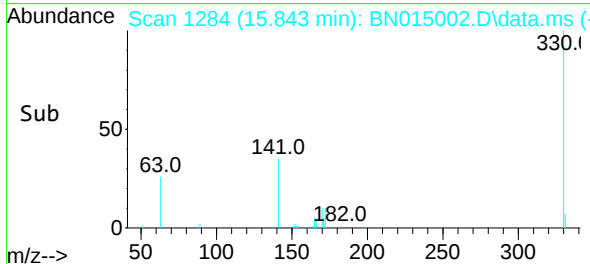
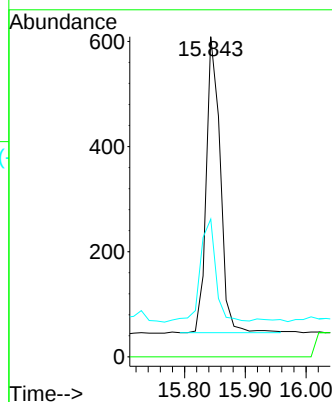
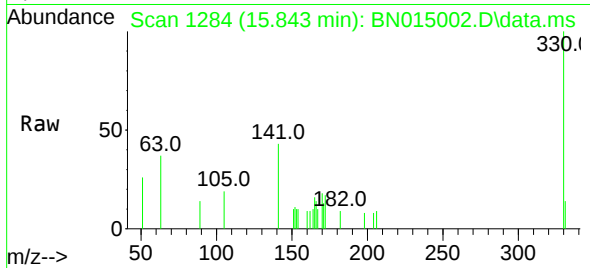




#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.025 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

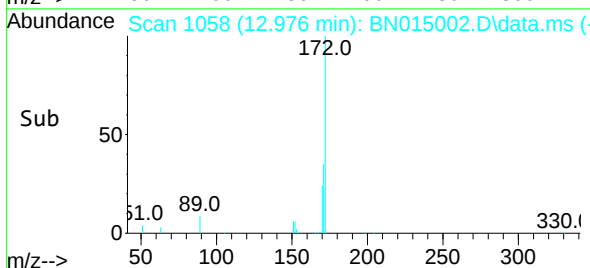
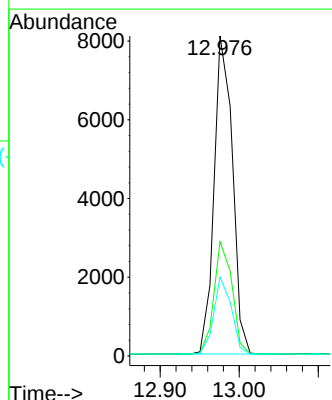
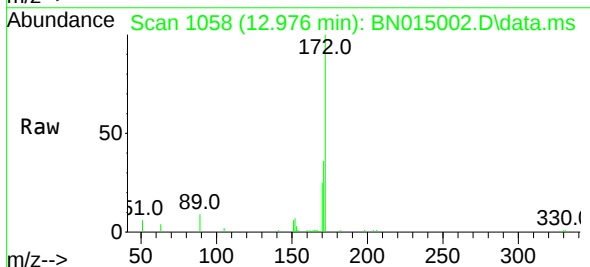
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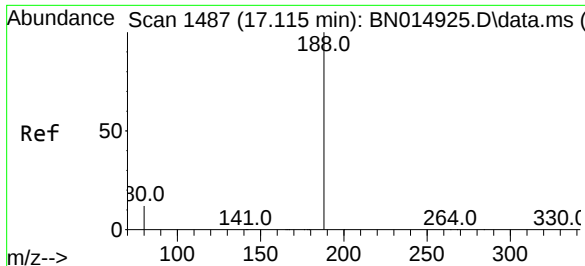
Tgt Ion:330 Resp: 901
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.2 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.077 ng
RT: 12.976 min Scan# 1058
Delta R.T. -0.025 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

Tgt Ion:172 Resp: 13027
Ion Ratio Lower Upper
172 100
171 35.7 30.6 45.8
170 24.6 20.2 30.4

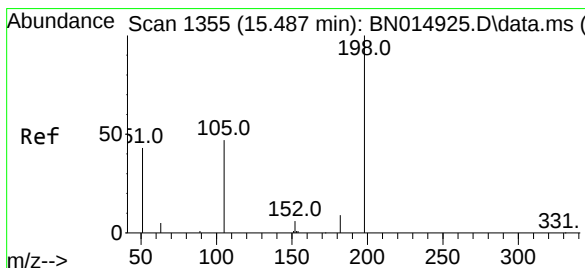
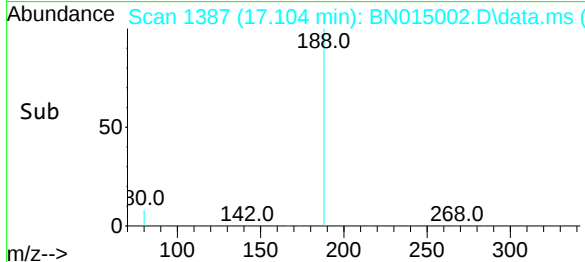
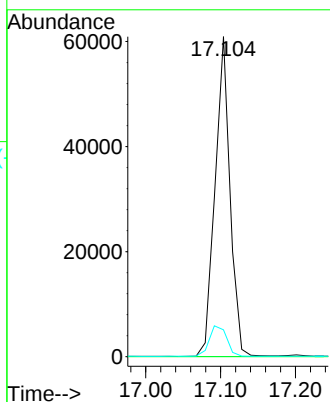
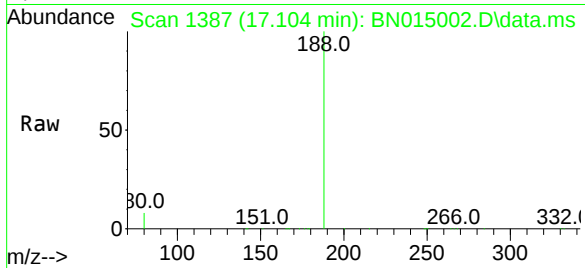




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

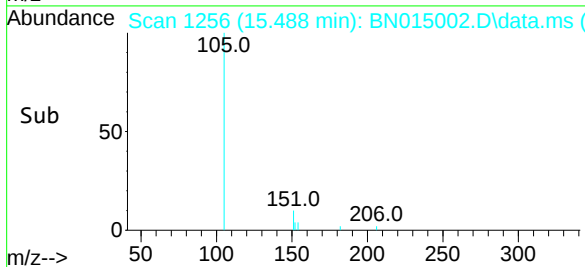
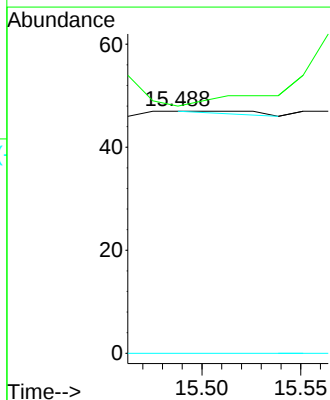
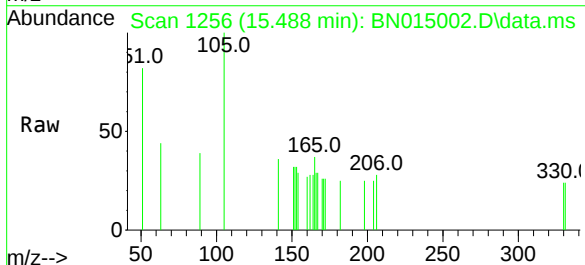
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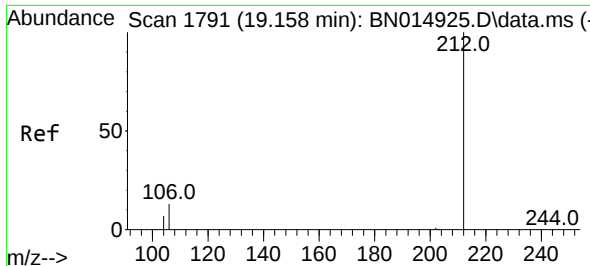
Tgt Ion:188	Resp:	84405
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	8.4	9.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.104 ng
RT: 15.488 min Scan# 1256
Delta R.T. 0.001 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

Tgt Ion:198	Resp:	1
Ion Ratio	Lower	Upper
198	100	
182	102.1	34.5
77	0.0	0.0

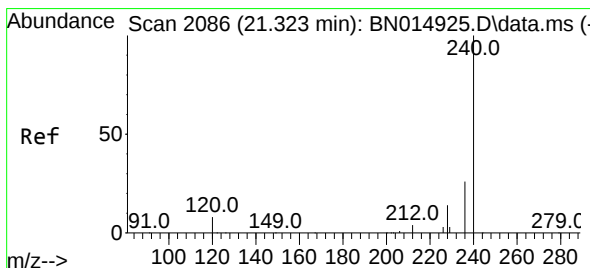
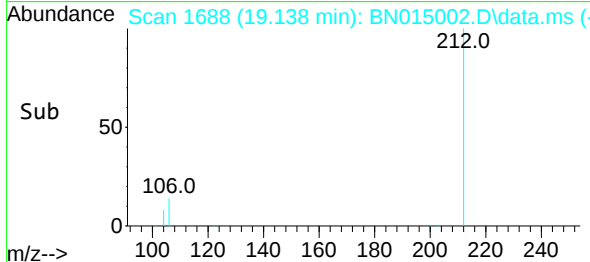
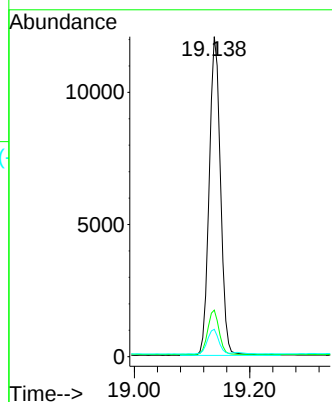
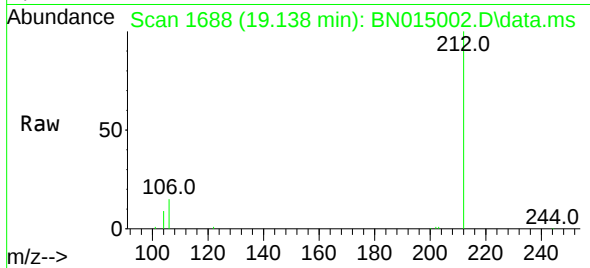




#27
Fluoranthene-d10
Concen: 0.061 ng
RT: 19.138 min Scan# 1688
Delta R.T. -0.019 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

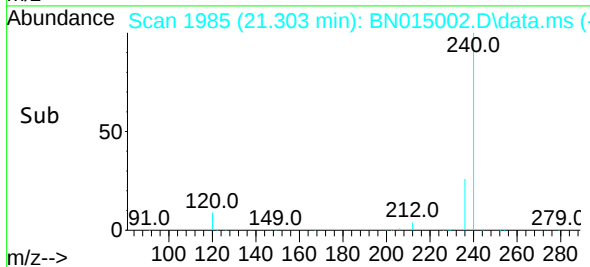
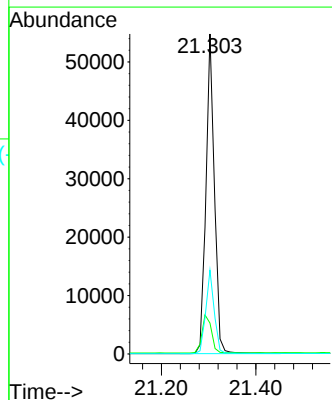
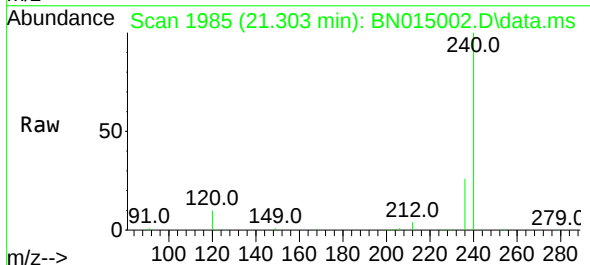
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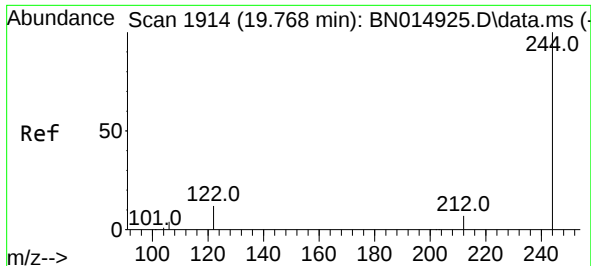
Tgt Ion:212 Resp: 16308
Ion Ratio Lower Upper
212 100
106 13.9 7.0 10.6#
104 7.7 4.1 6.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 1985
Delta R.T. -0.021 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

Tgt Ion:240 Resp: 68133
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.4#
236 26.2 21.4 32.2

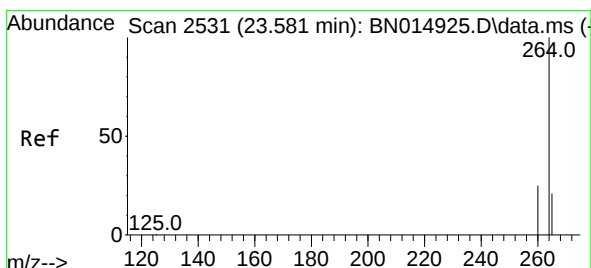
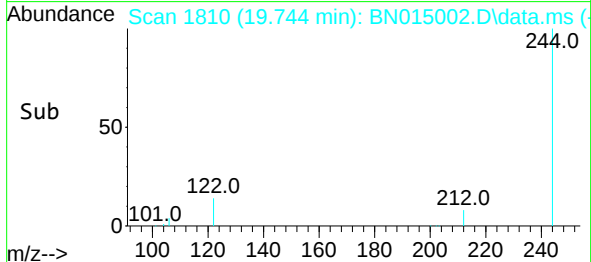
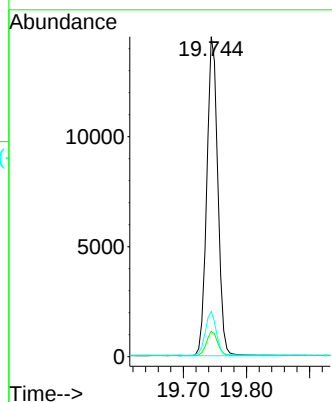
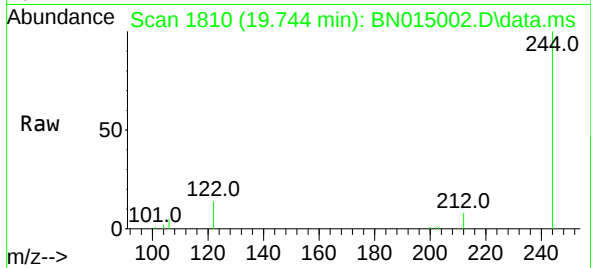




#31
Terphenyl-d14
Concen: 0.104 ng
RT: 19.744 min Scan# 1810
Delta R.T. -0.024 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

Instrument :
BNA_N
ClientSampleId :
RE120D1-20210615DL

Tgt Ion:244 Resp: 17512
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 14.1 6.2 9.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.554 min Scan# 2424
Delta R.T. -0.027 min
Lab File: BN015002.D
Acq: 23 Jun 2021 11:07

Tgt Ion:264 Resp: 57066
Ion Ratio Lower Upper
264 100
260 24.5 20.6 31.0
265 24.9 21.4 32.2

