

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070522\
 Data File : BN020661.D
 Acq On : 05 Jul 2022 15:07
 Operator : CG/JU
 Sample : N3457-16DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220621DL

Quant Time: Jul 06 01:03:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

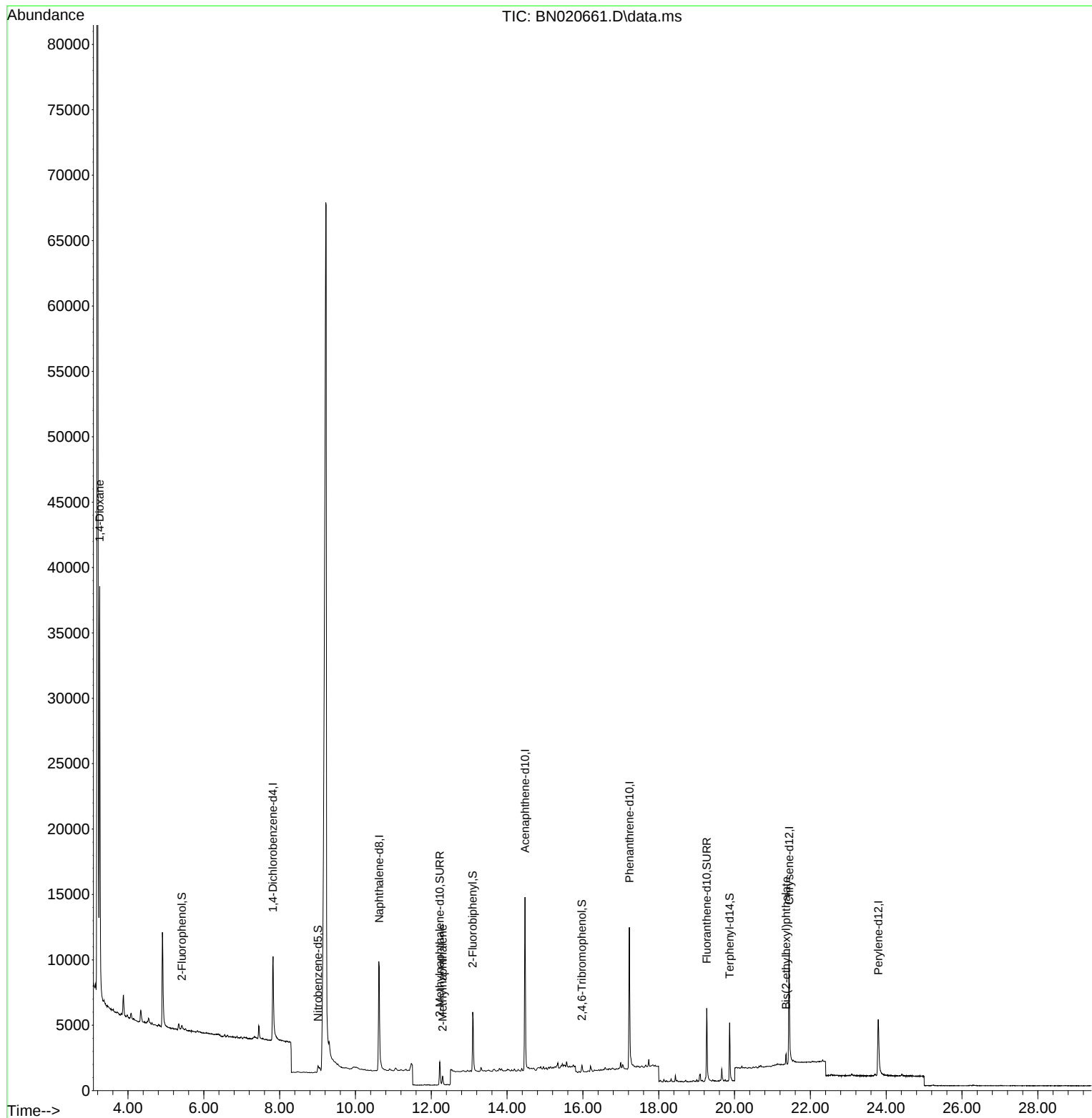
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4271	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	13443	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	7951	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	16380	0.400	ng	# 0.00
29) Chrysene-d12	21.440	240	10950	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	7995	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	500	0.042	ng	0.00
5) Phenol-d6	7.074	99	245	0.017	ng	0.04
8) Nitrobenzene-d5	9.014	82	862	0.079	ng	0.02
11) 2-Methylnaphthalene-d10	12.223	152	2930	0.127	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	306	0.102	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	4762	0.145	ng	-0.01
27) Fluoranthene-d10	19.265	212	7188	0.148	ng	0.00
31) Terphenyl-d14	19.868	244	5702	0.218	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	18007	3.217	ng	95
12) 2-Methylnaphthalene	12.299	142	582	0.022	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.360	149	883	0.040	ng	# 96

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

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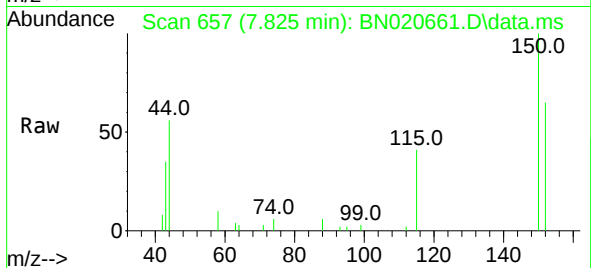
Quant Time: Jul 06 01:03:05 2022
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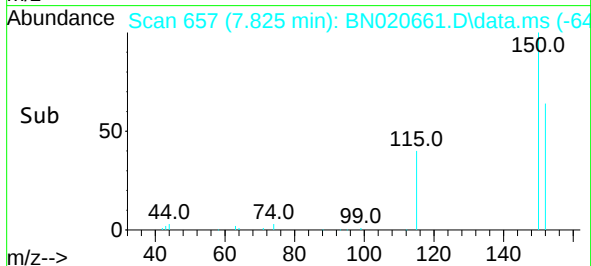
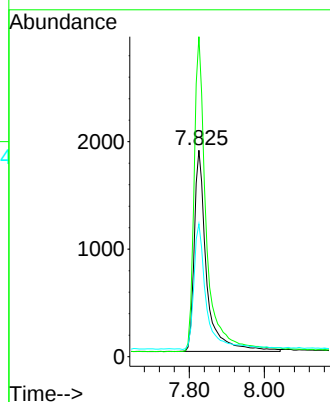


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020661.D
 Acq: 05 Jul 2022 15:07

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220621DL

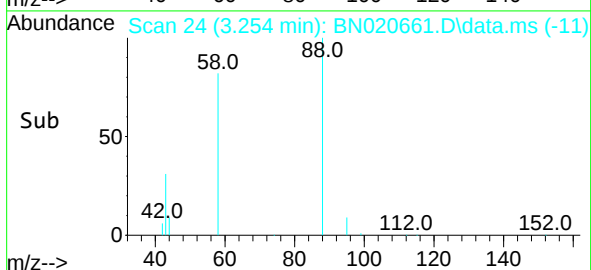
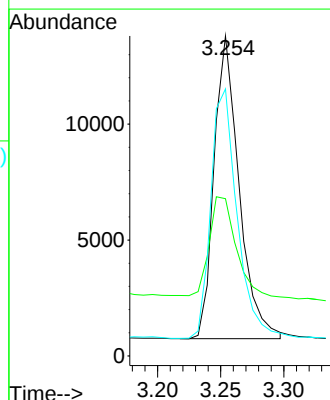
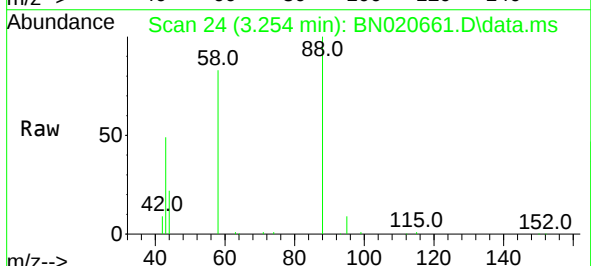


Tgt Ion:152 Resp: 4271
 Ion Ratio Lower Upper
 152 100
 150 155.0 127.9 191.9
 115 64.3 51.4 77.2



#2
 1,4-Dioxane
 Concen: 3.217 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN020661.D
 Acq: 05 Jul 2022 15:07

Tgt Ion: 88 Resp: 18007
 Ion Ratio Lower Upper
 88 100
 43 35.4 30.2 45.2
 58 86.4 73.0 109.6

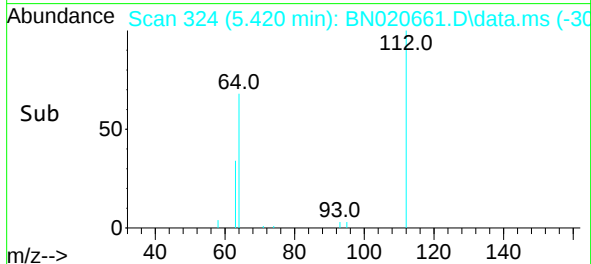
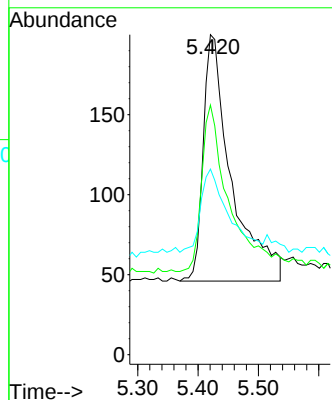
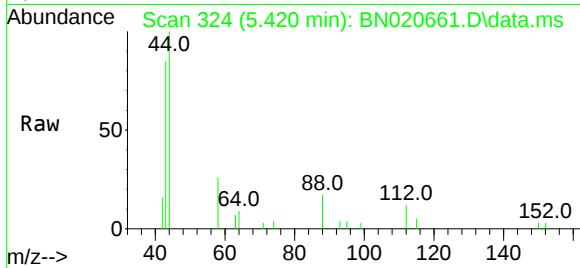




#4
2-Fluorophenol
Concen: 0.042 ng
RT: 5.420 min Scan# 314
Delta R.T. 0.007 min
Lab File: BN020661.D
Acq: 05 Jul 2022 15:07

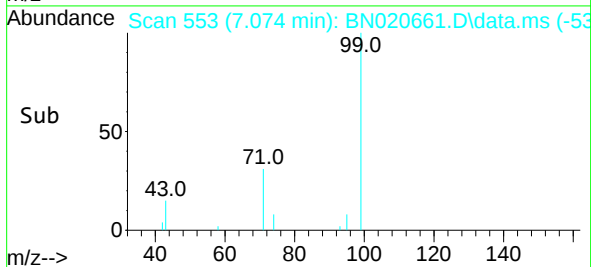
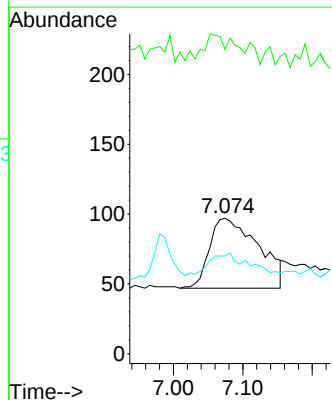
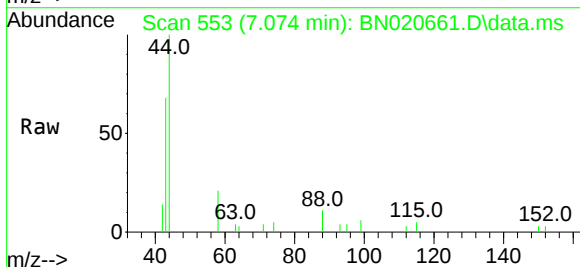
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220621DL

Tgt Ion:112 Resp: 500
Ion Ratio Lower Upper
112 100
64 65.8 49.1 73.7
63 32.8 26.3 39.5



#5
Phenol-d6
Concen: 0.017 ng
RT: 7.074 min Scan# 553
Delta R.T. 0.043 min
Lab File: BN020661.D
Acq: 05 Jul 2022 15:07

Tgt Ion: 99 Resp: 245
Ion Ratio Lower Upper
99 100
42 0.0 19.3 28.9#
71 23.3 27.5 41.3#

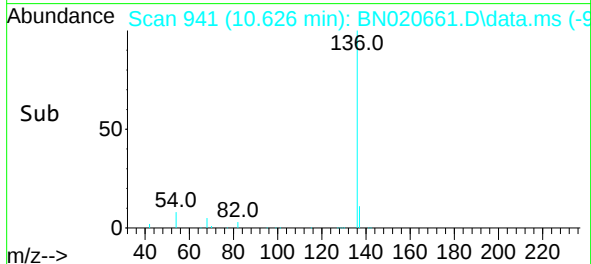
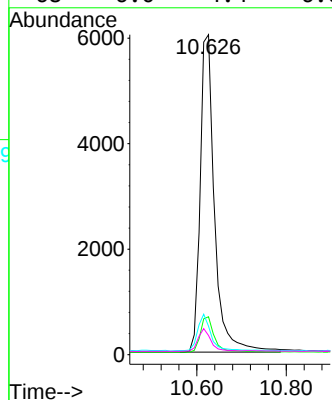
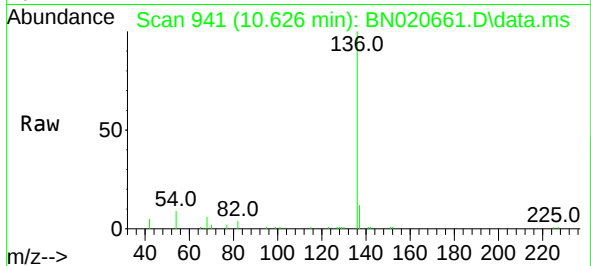




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020661.D
Acq: 05 Jul 2022 15:07

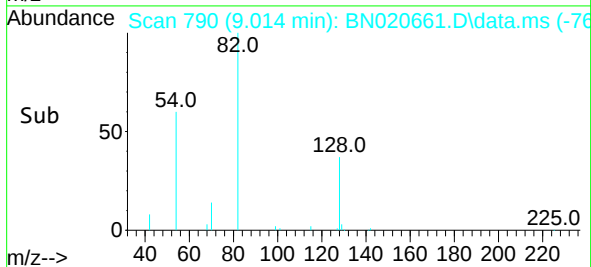
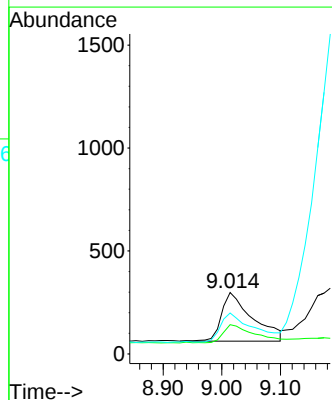
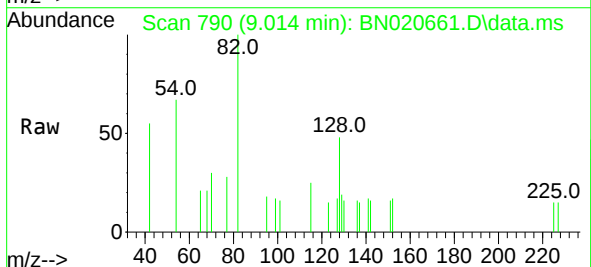
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220621DL

Tgt Ion:136	Resp:	13443
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.0 13.6
54	8.9	6.2 9.2
68	6.0	4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.079 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.021 min
Lab File: BN020661.D
Acq: 05 Jul 2022 15:07

Tgt Ion: 82	Resp:	862
Ion Ratio	Lower	Upper
82	100	
128	47.7	35.0 52.6
54	66.8	46.2 69.4

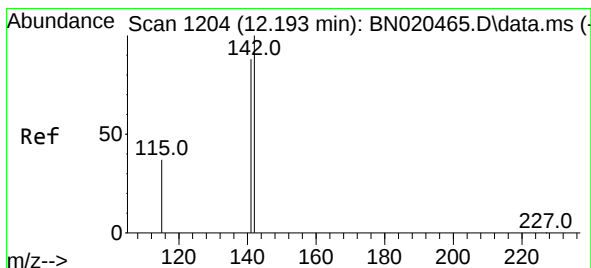
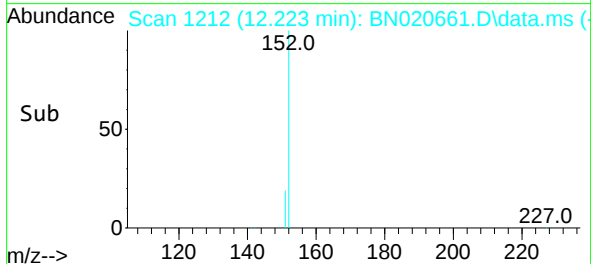
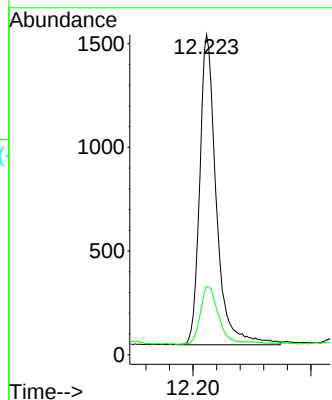
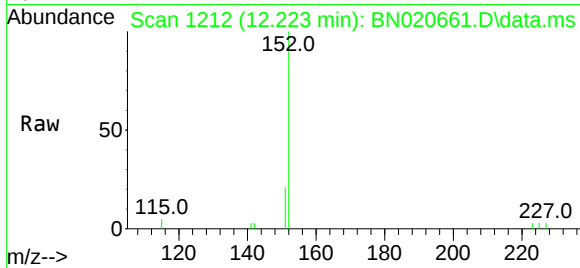




#11
2-Methylnaphthalene-d10
Concen: 0.127 ng
RT: 12.223 min Scan# 1185
Delta R.T. -0.004 min
Lab File: BN020661.D
Acq: 05 Jul 2022 15:07

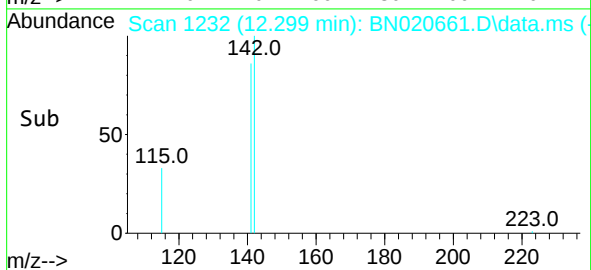
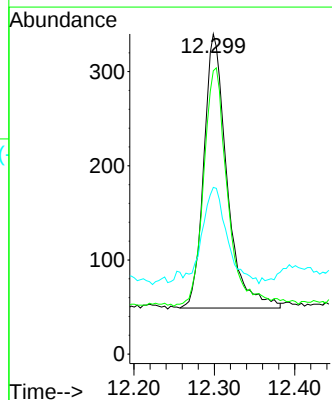
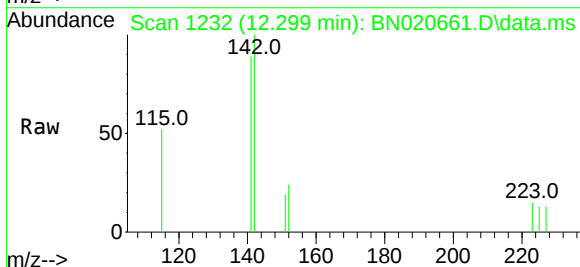
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220621DL

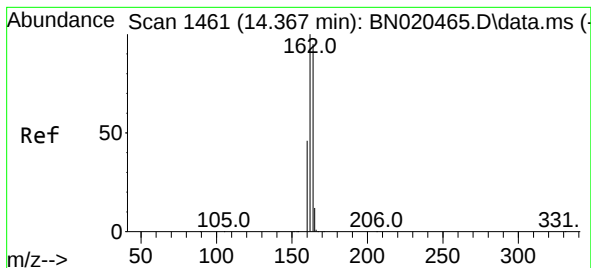
Tgt Ion:152 Resp: 2930
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.299 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BN020661.D
Acq: 05 Jul 2022 15:07

Tgt Ion:142 Resp: 582
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4
115 52.1 29.8 44.8#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.474 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN020661.D

Acq: 05 Jul 2022 15:07

Instrument :

BNA_N

ClientSampleId :

RE125D2-20220621DL

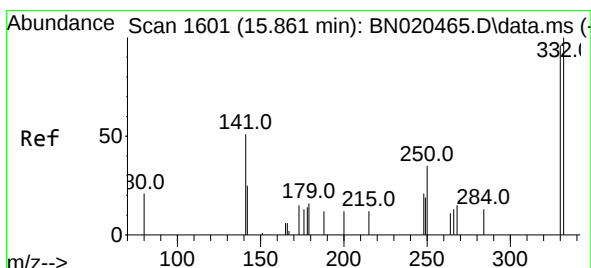
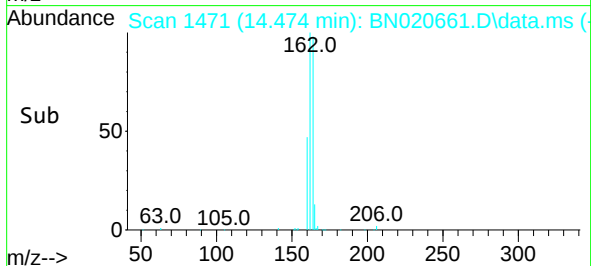
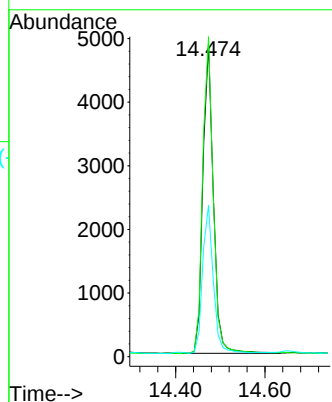
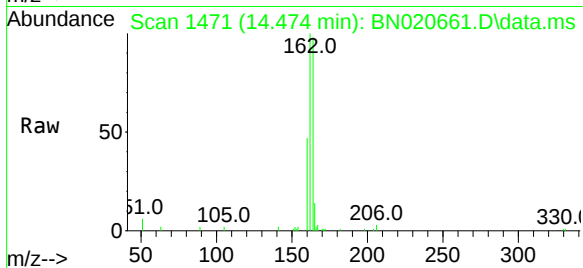
Tgt Ion:164 Resp: 7951

Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

160 48.3 38.6 58.0



#14

2,4,6-Tribromophenol

Concen: 0.102 ng

RT: 15.974 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BN020661.D

Acq: 05 Jul 2022 15:07

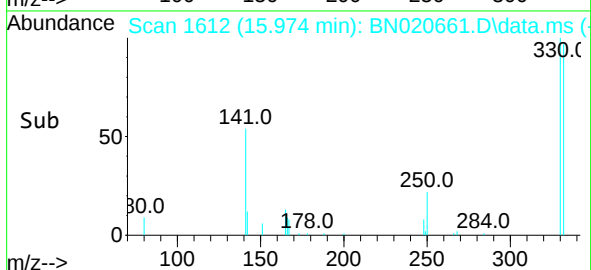
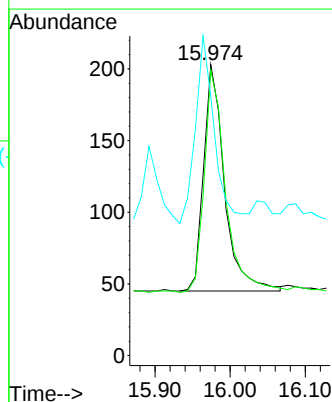
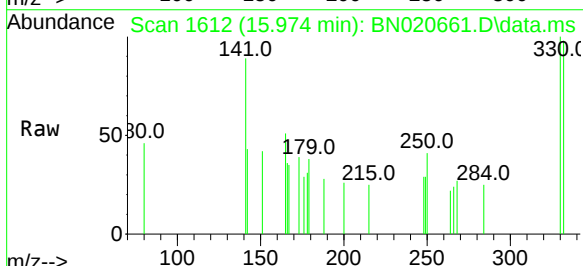
Tgt Ion:330 Resp: 306

Ion Ratio Lower Upper

330 100

332 100.3 77.6 116.4

141 74.8 41.0 61.4#

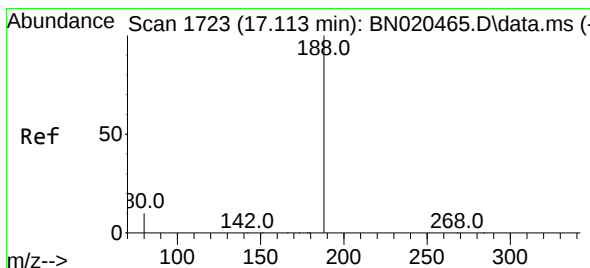
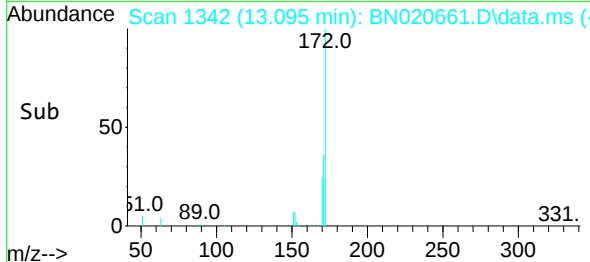
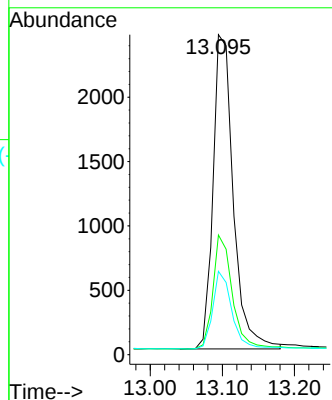
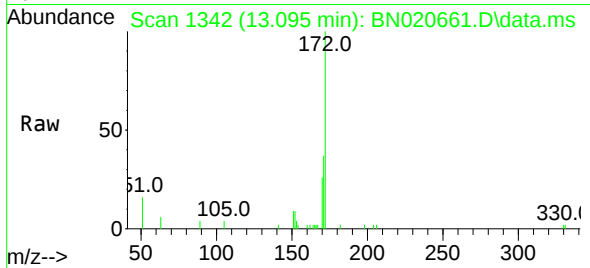




#15
2-Fluorobiphenyl
Concen: 0.145 ng
RT: 13.095 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN020661.D
Acq: 05 Jul 2022 15:07

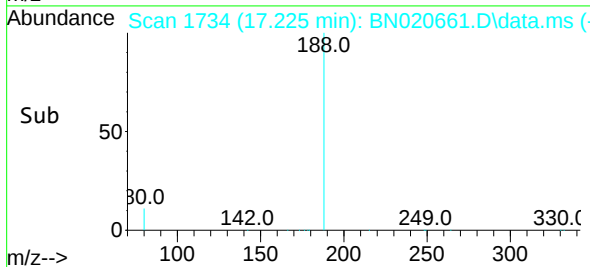
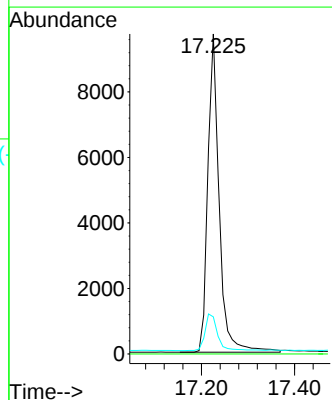
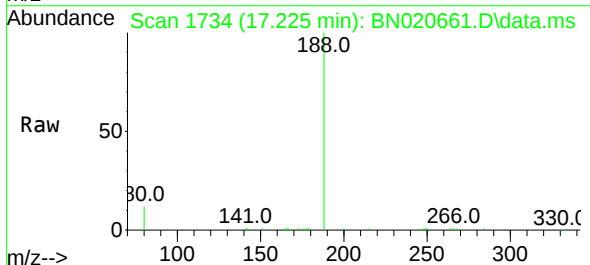
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220621DL

Tgt Ion:172 Resp: 4762
Ion Ratio Lower Upper
172 100
171 37.4 27.2 40.8
170 26.0 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN020661.D
Acq: 05 Jul 2022 15:07

Tgt Ion:188 Resp: 16380
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 7.4 11.2#

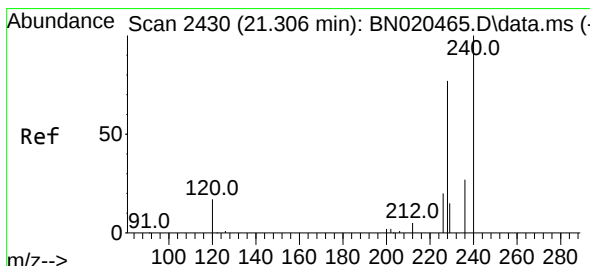
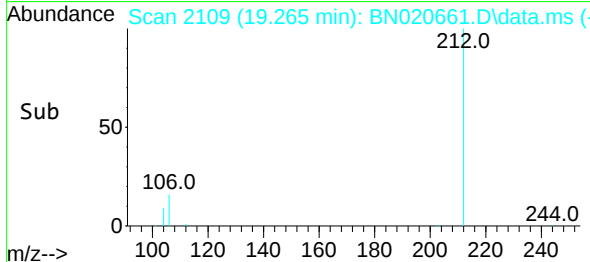
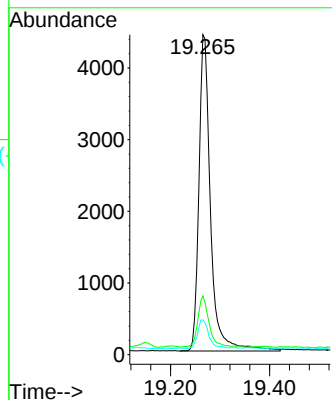
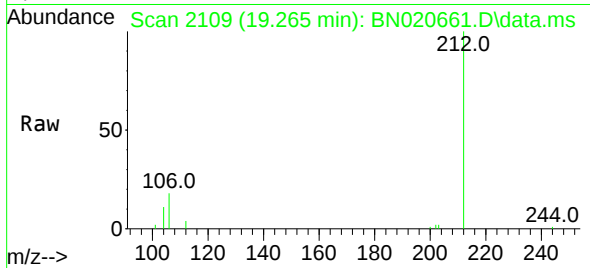




#27
Fluoranthene-d10
Concen: 0.148 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN020661.D
Acq: 05 Jul 2022 15:07

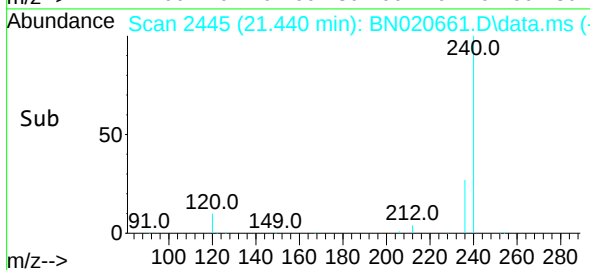
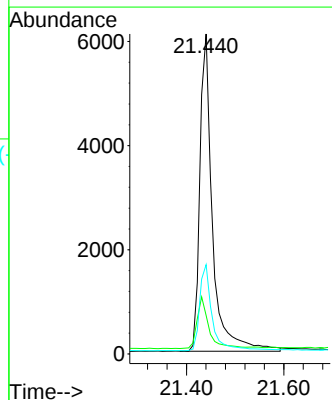
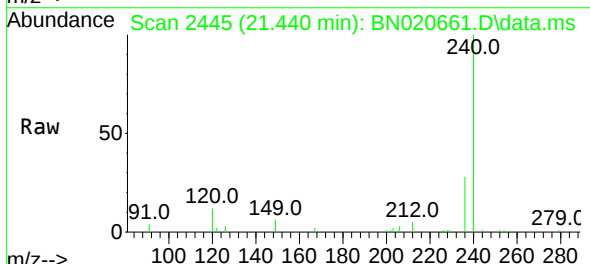
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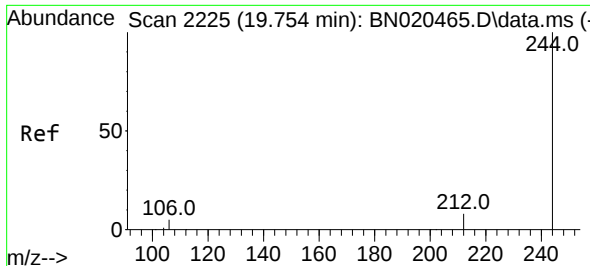
Tgt Ion:212 Resp: 7188
Ion Ratio Lower Upper
212 100
106 15.3 12.6 19.0
104 8.8 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.009 min
Lab File: BN020661.D
Acq: 05 Jul 2022 15:07

Tgt Ion:240 Resp: 10950
Ion Ratio Lower Upper
240 100
120 12.1 14.6 21.8#
236 27.9 22.6 33.8

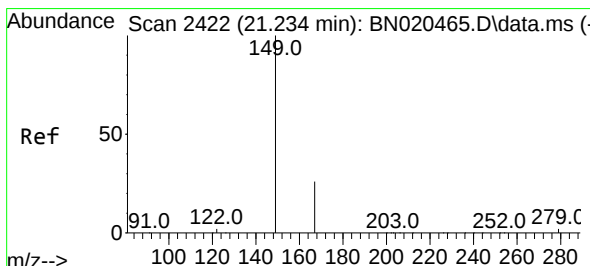
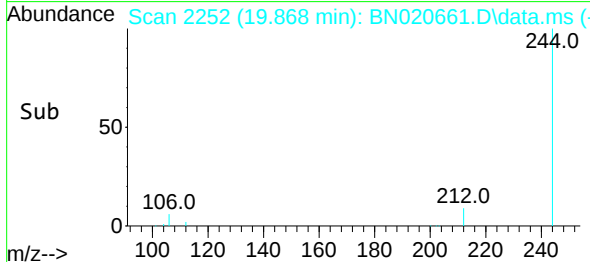
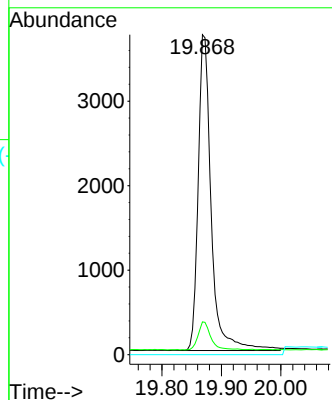
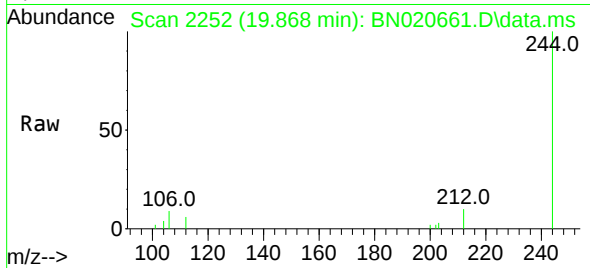




#31
 Terphenyl-d14
 Concen: 0.218 ng
 RT: 19.868 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN020661.D
 Acq: 05 Jul 2022 15:07

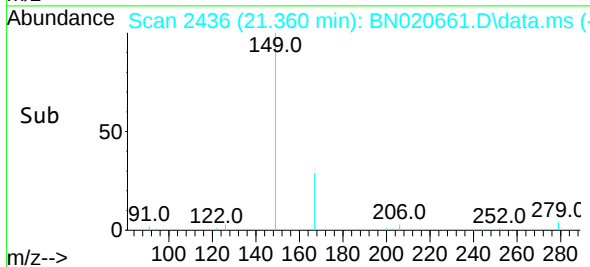
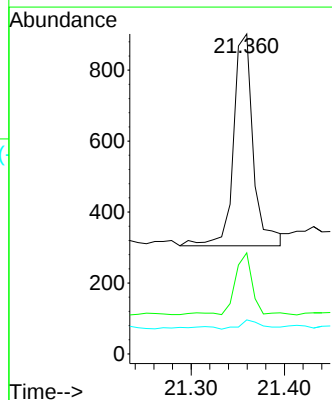
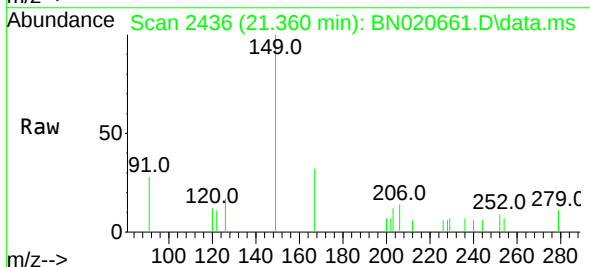
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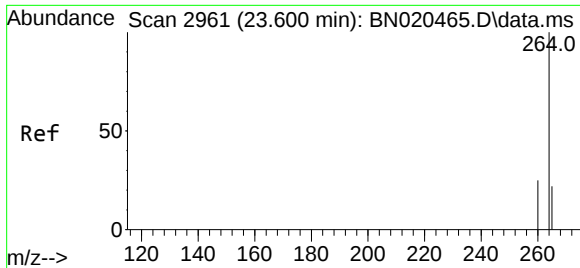
Tgt Ion:244 Resp: 5702
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.360 min Scan# 2436
 Delta R.T. 0.009 min
 Lab File: BN020661.D
 Acq: 05 Jul 2022 15:07

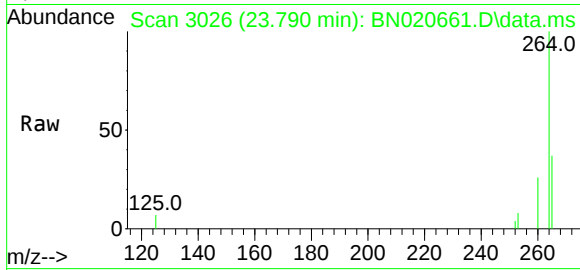
Tgt Ion:149 Resp: 883
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.7 32.5
 279 4.4 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.790 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN020661.D
 Acq: 05 Jul 2022 15:07

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220621DL



Tgt Ion:264 Resp: 7995

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.9	31.3
265	37.0	28.0	42.0

