

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
 Data File : BN014976.D
 Acq On : 22 Jun 2021 16:41
 Operator : CG/JU
 Sample : M2750-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20210615

Quant Time: Jun 22 17:59:28 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)

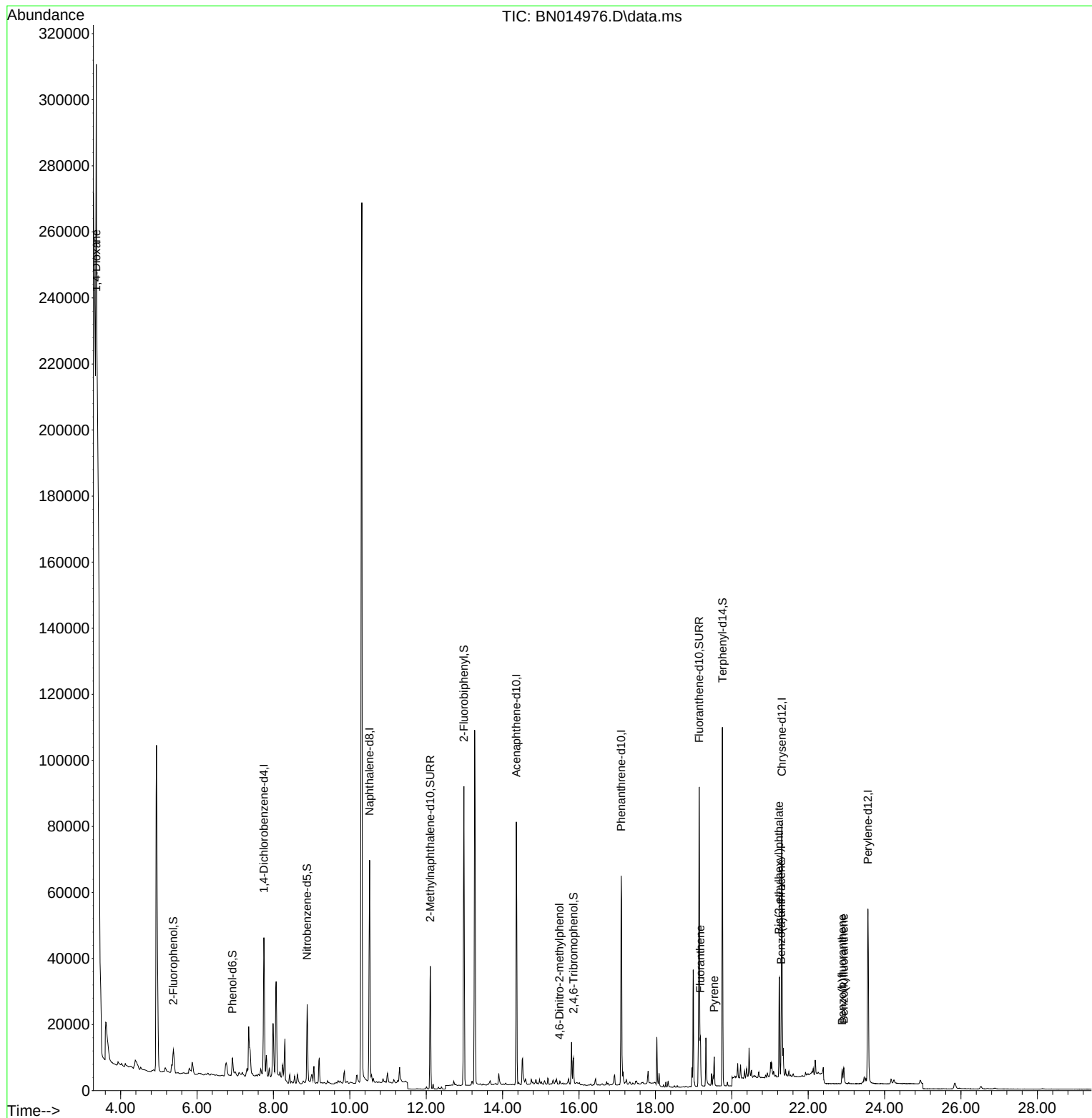
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	19578	0.400	ng	#-0.01
7) Naphthalene-d8	10.518	136	88142	0.400	ng	0.00
13) Acenaphthene-d10	14.358	164	46968	0.400	ng	-0.01
19) Phenanthrene-d10	17.103	188	92174	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	80275	0.400	ng	#-0.01
35) Perylene-d12	23.564	264	70967	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	8095	0.134	ng	0.00
5) Phenol-d6	6.929	99	5564	0.073	ng	0.00
8) Nitrobenzene-d5	8.883	82	20231	0.304	ng	-0.02
11) 2-Methylnaphthalene-d10	12.106	152	49182	0.325	ng	-0.01
14) 2,4,6-Tribromophenol	15.855	330	6611	0.300	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	75080	0.421	ng	-0.01
27) Fluoranthene-d10	19.148	212	103524	0.356	ng	0.00
31) Terphenyl-d14	19.754	244	104299	0.524	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.361	88	175867	21.418	ng	# 66
20) 4,6-Dinitro-2-methylph...	15.487	198	40	0.111	ng	# 37
28) Fluoranthene	19.178	202	12680	0.040	ng	# 94
30) Pyrene	19.540	202	7976	0.025	ng	96
32) Benzo(a)anthracene	21.292	228	6064	0.020	ng	97
34) Bis(2-ethylhexyl)phtha...	21.239	149	32790	0.155	ng	# 87
37) Benzo(b)fluoranthene	22.890	252	6066	0.023	ng	# 79
38) Benzo(k)fluoranthene	22.934	252	5242	0.020	ng	# 54

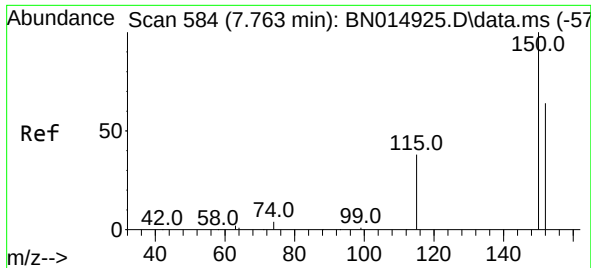
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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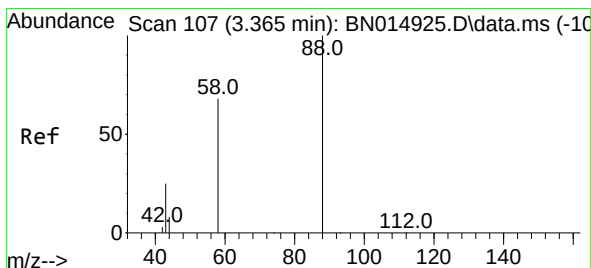
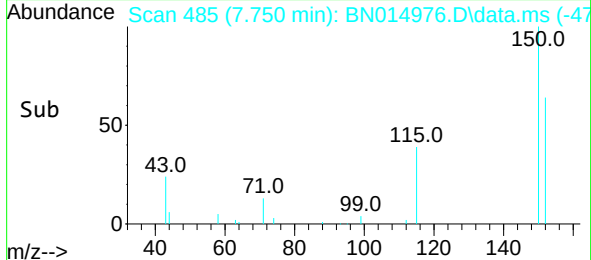
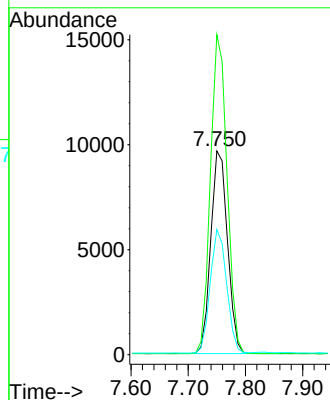
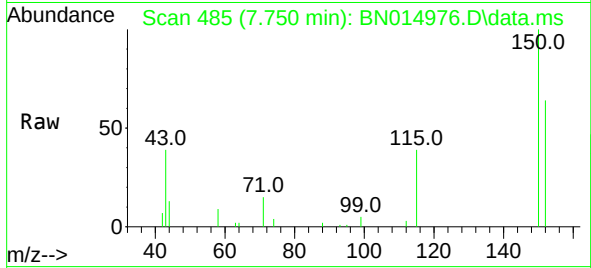




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.750 min Scan# 485
 Delta R.T. -0.013 min
 Lab File: BN014976.D
 Acq: 22 Jun 2021 16:41

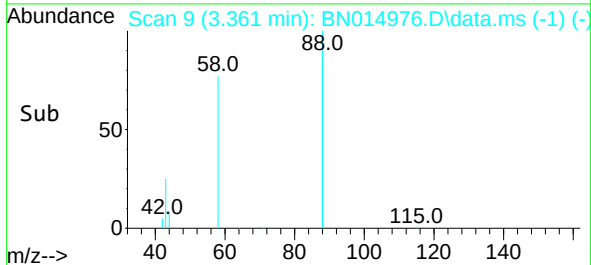
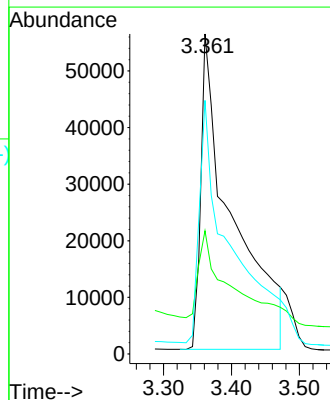
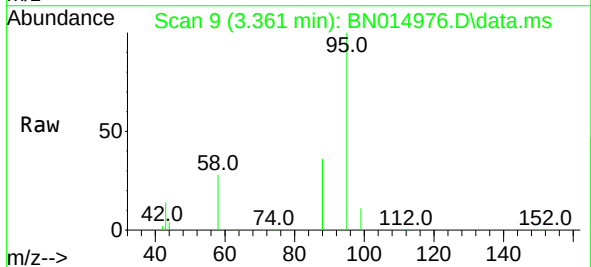
Instrument :
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 RE125D1-20210615

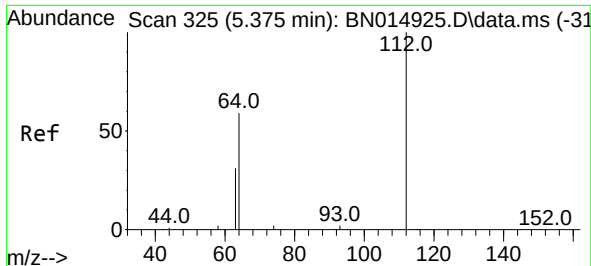
Tgt Ion:152 Resp: 19578
 Ion Ratio Lower Upper
 152 100
 150 157.1 119.0 178.6
 115 61.4 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 21.418 ng
 RT: 3.361 min Scan# 9
 Delta R.T. -0.004 min
 Lab File: BN014976.D
 Acq: 22 Jun 2021 16:41

Tgt Ion: 88 Resp: 175867
 Ion Ratio Lower Upper
 88 100
 43 24.5 12.9 19.3#
 58 73.8 38.1 57.1#

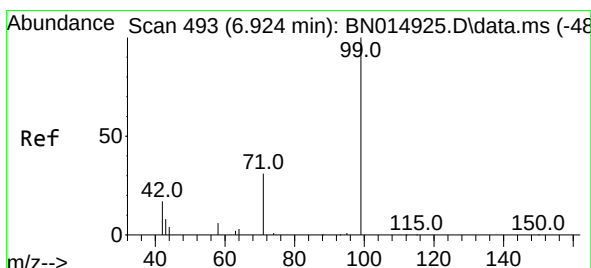
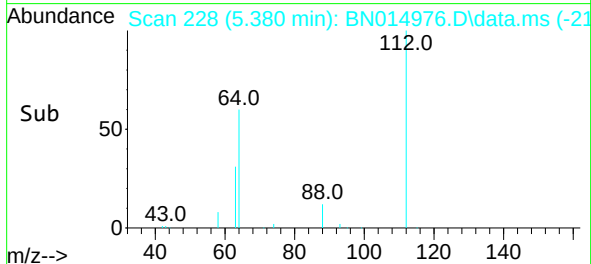
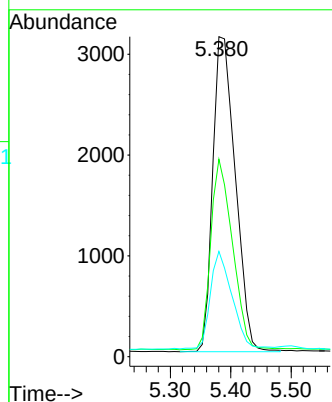
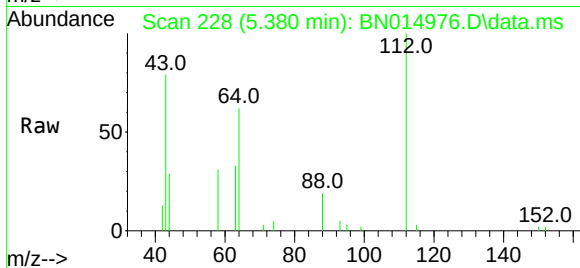




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.380 min Scan# 228
Delta R.T. 0.006 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

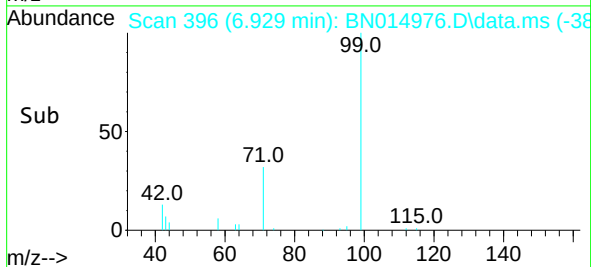
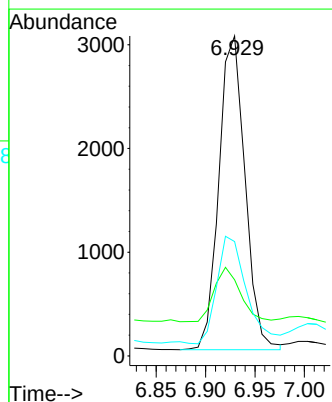
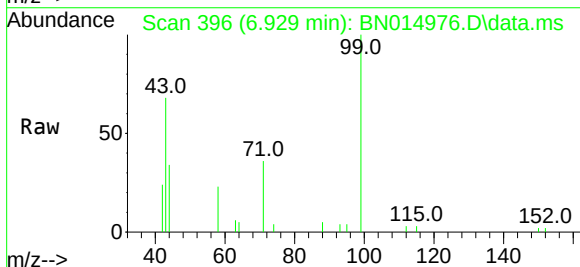
Instrument :
BNA_N
ClientSampleId :
RE125D1-20210615

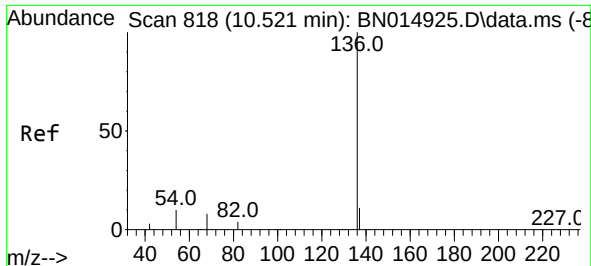
Tgt Ion:	112	Resp:	8095
Ion	Ratio	Lower	Upper
112	100		
64	58.3	39.0	58.6
63	30.0	20.6	30.8



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.929 min Scan# 396
Delta R.T. 0.006 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

Tgt Ion:	99	Resp:	5564
Ion	Ratio	Lower	Upper
99	100		
42	17.3	8.9	13.3#
71	38.7	35.6	53.4

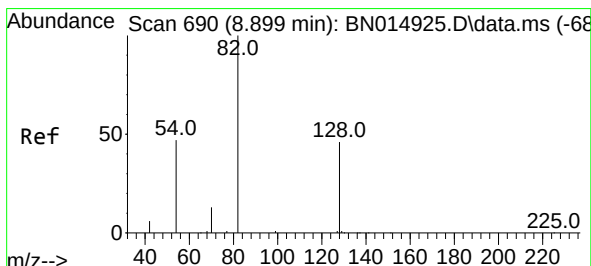
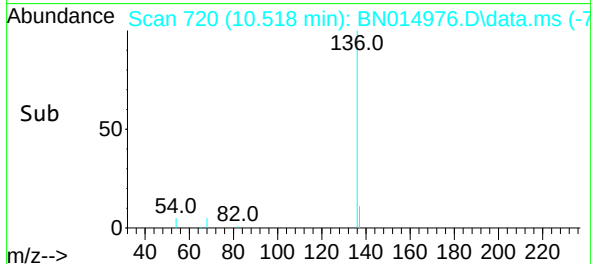
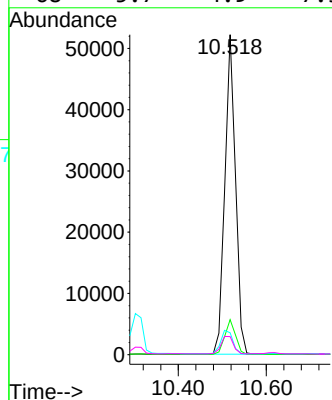
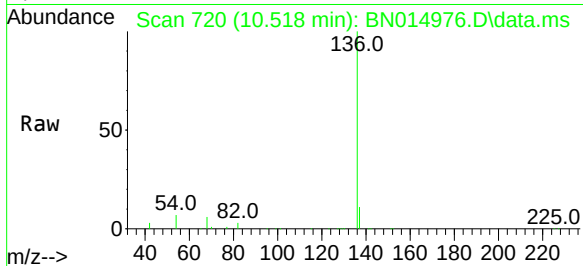




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.518 min Scan# 720
Delta R.T. -0.004 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

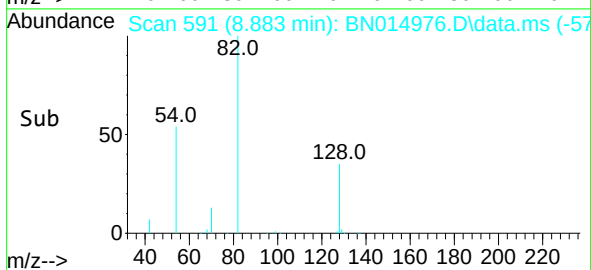
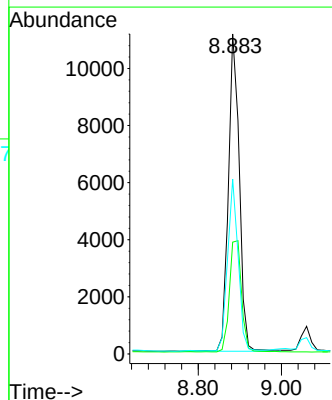
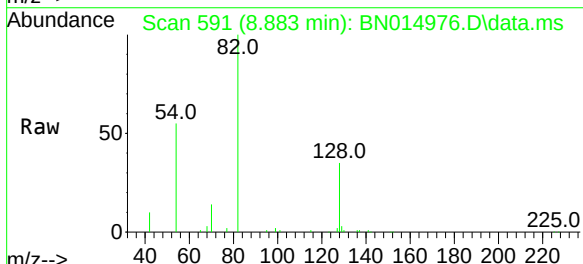
Instrument :
BNA_N
ClientSampleId :
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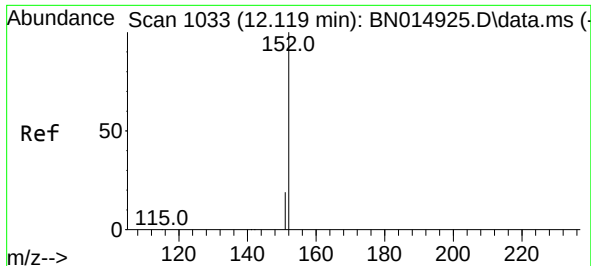
Tgt Ion:136	Resp:	88142
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.8
54	6.9	5.4 8.2
68	5.7	4.9 7.3



#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.016 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

Tgt Ion: 82	Resp:	20231
Ion Ratio	Lower	Upper
82	100	
128	35.0	31.6 47.4
54	54.6	29.0 43.4

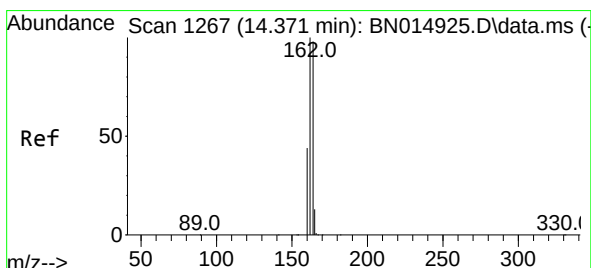
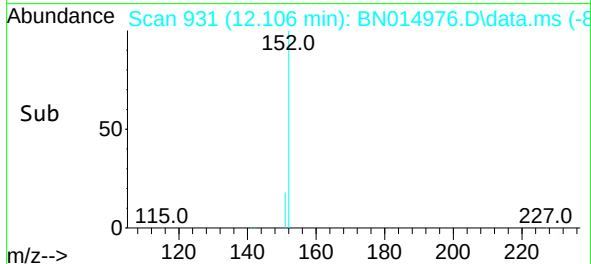
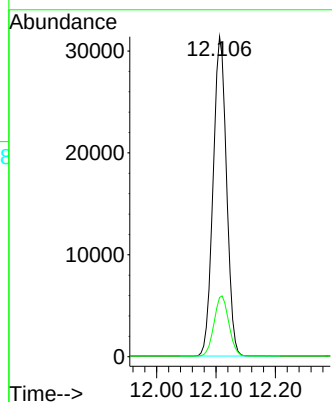
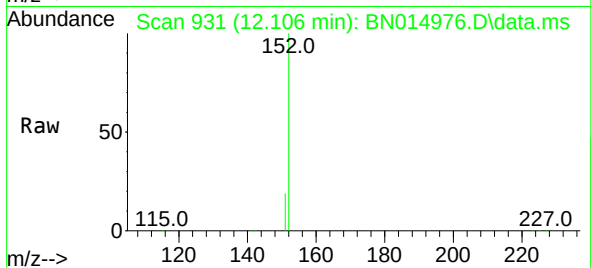




#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.106 min Scan# 931
Delta R.T. -0.013 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

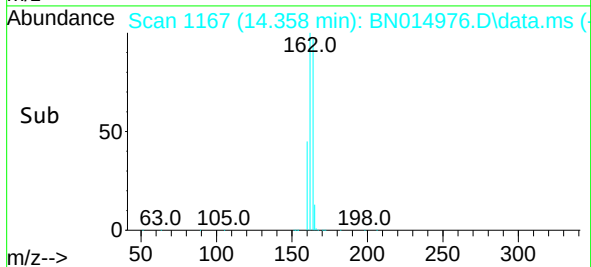
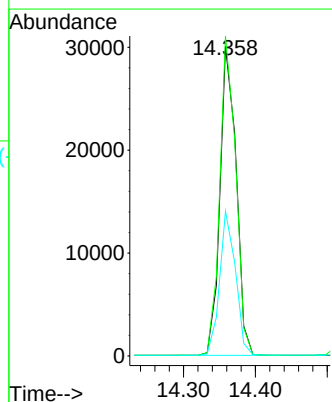
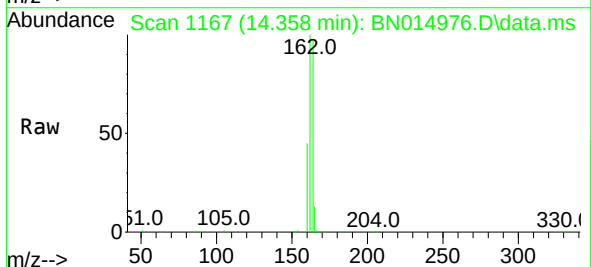
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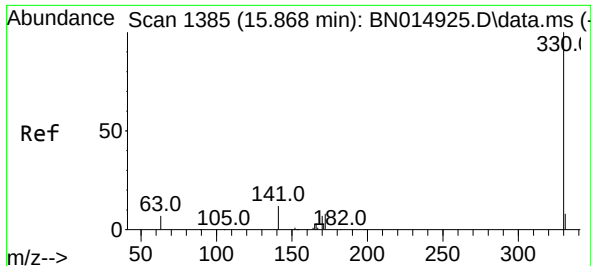
Tgt Ion:152 Resp: 49182
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.358 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

Tgt Ion:164 Resp: 46968
Ion Ratio Lower Upper
164 100
162 103.4 83.8 125.6
160 46.8 37.4 56.0

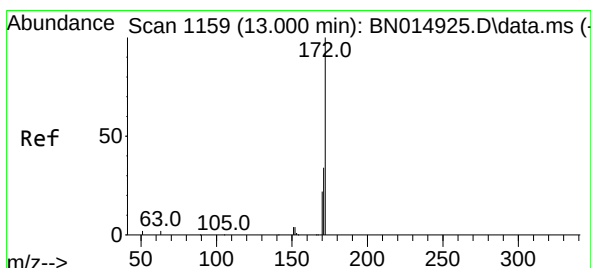
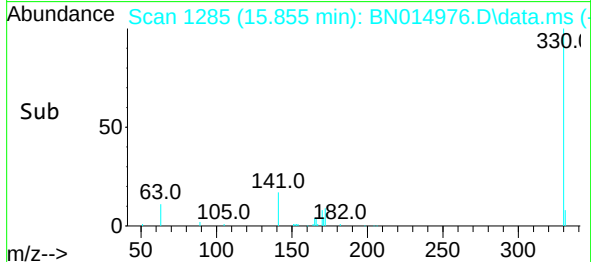
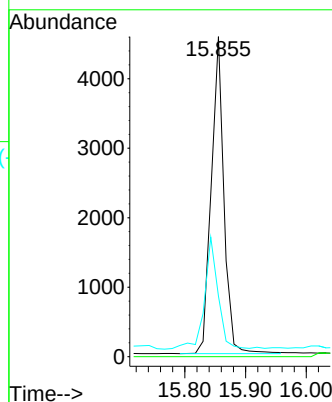
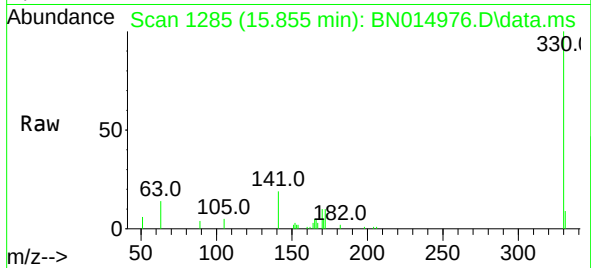




#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.855 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

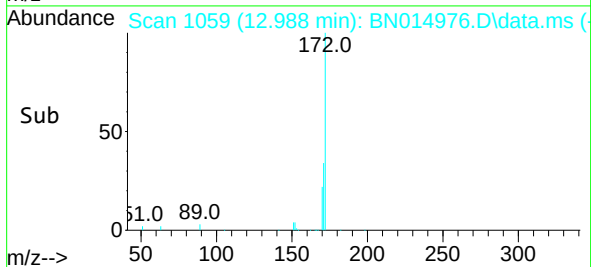
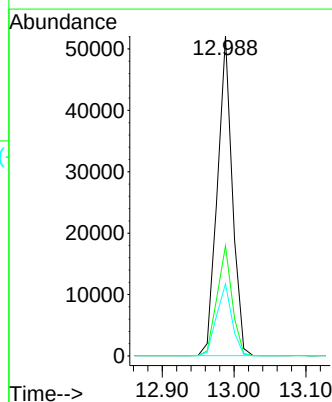
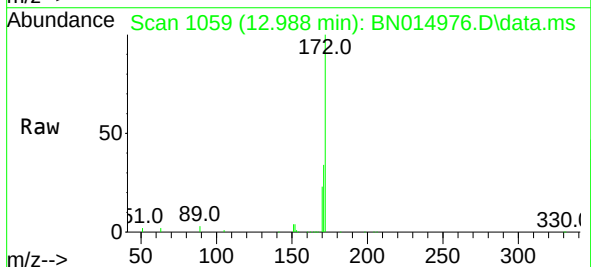
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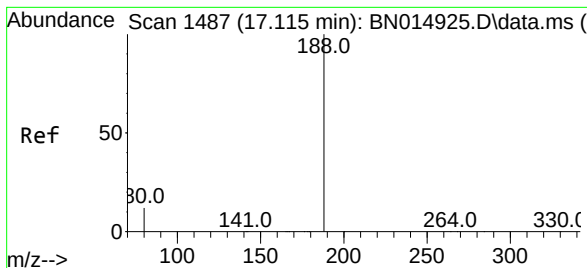
Tgt Ion:330 Resp: 6611
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.9 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 12.988 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

Tgt Ion:172 Resp: 75080
Ion Ratio Lower Upper
172 100
171 34.4 30.6 45.8
170 22.6 20.2 30.4

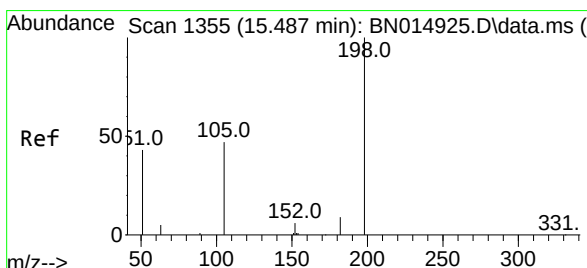
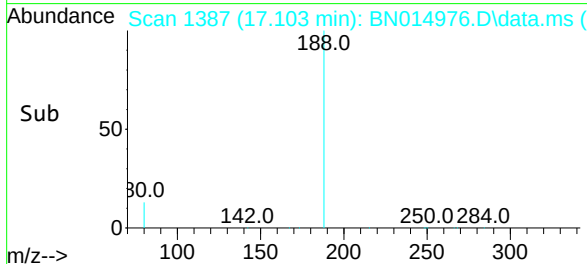
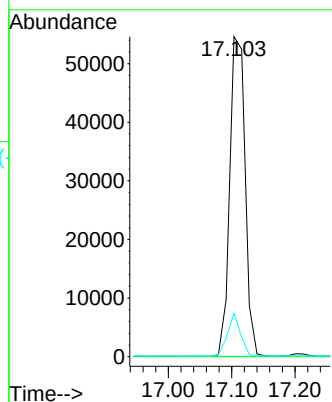
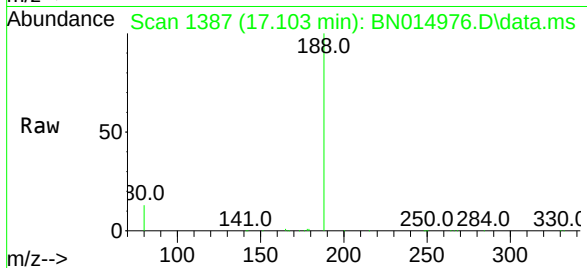




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.103 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

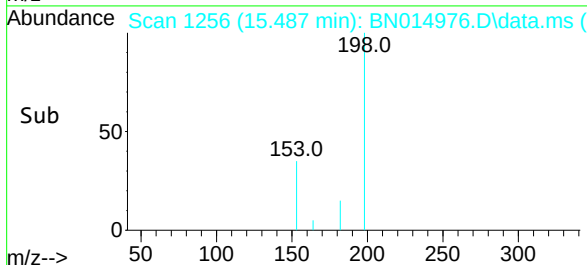
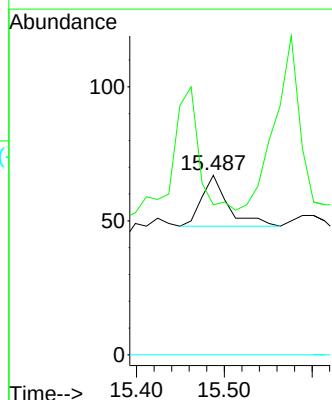
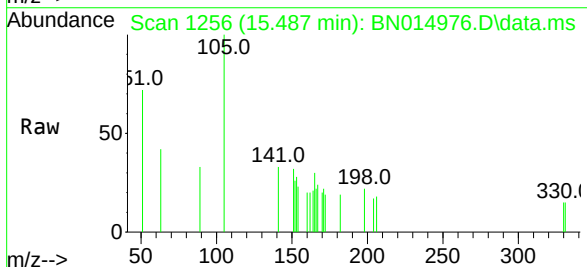
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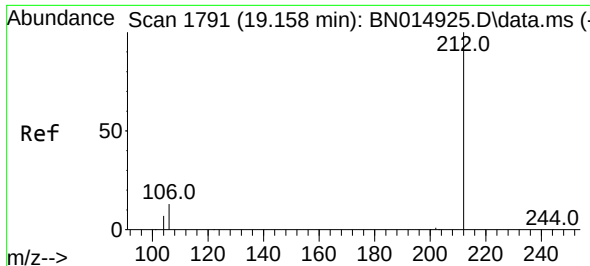
Tgt Ion:188 Resp: 92174
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 9.0 13.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.111 ng
RT: 15.487 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

Tgt Ion:198 Resp: 40
Ion Ratio Lower Upper
198 100
182 83.6 34.5 51.7#
77 0.0 0.0 0.0

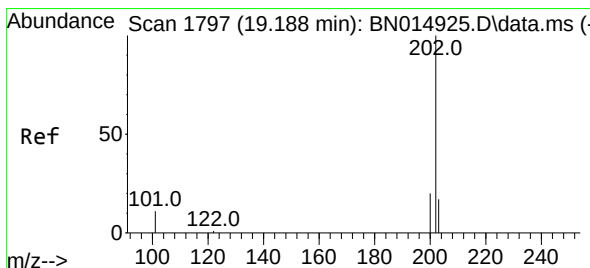
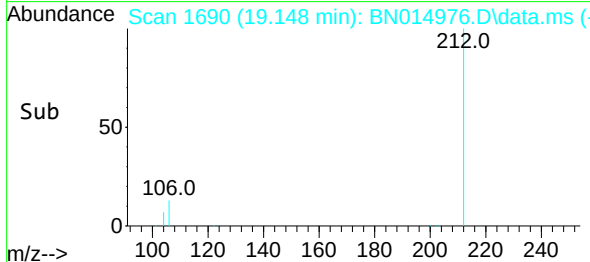
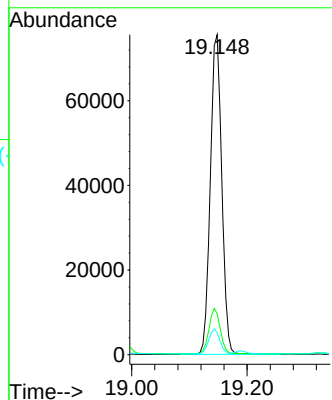
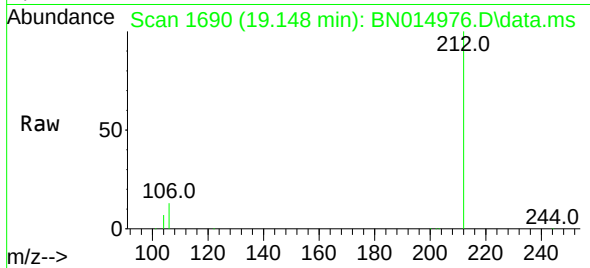




#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.148 min Scan# 1690
Delta R.T. -0.010 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

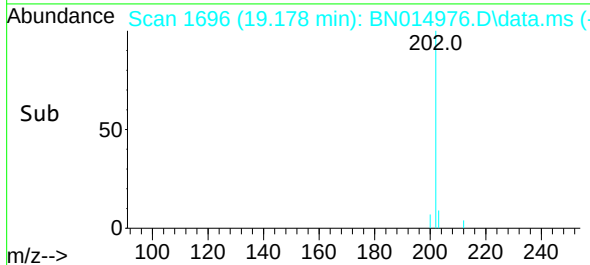
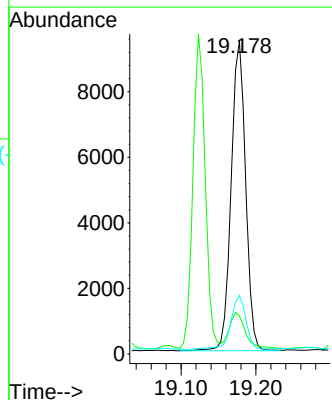
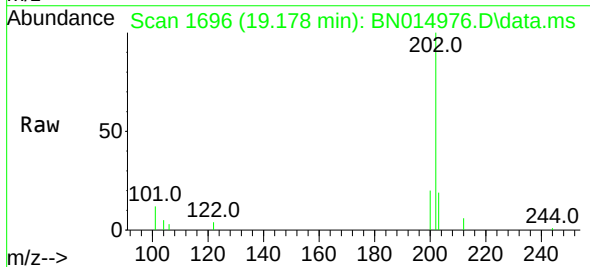
Instrument :
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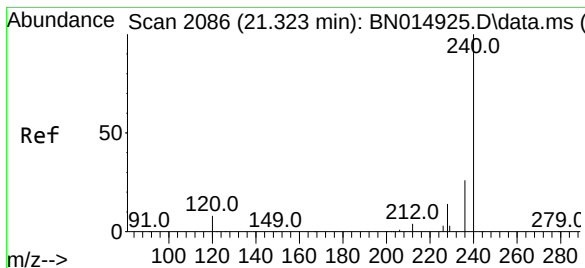
Tgt Ion:212 Resp: 103524
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.7 4.1 6.1#



#28
Fluoranthene
Concen: 0.040 ng
RT: 19.178 min Scan# 1696
Delta R.T. -0.010 min
Lab File: BN014976.D
Acq: 22 Jun 2021 16:41

Tgt Ion:202 Resp: 12680
Ion Ratio Lower Upper
202 100
101 13.1 6.6 10.0#
203 18.6 13.9 20.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.313 min Scan# 1986

Delta R.T. -0.010 min

Lab File: BN014976.D

Acq: 22 Jun 2021 16:41

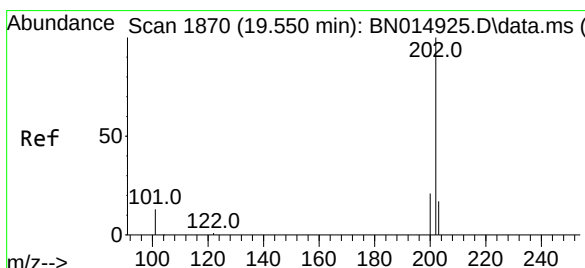
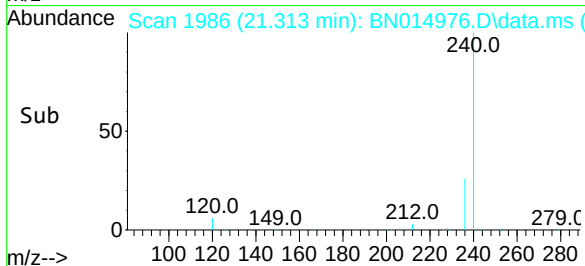
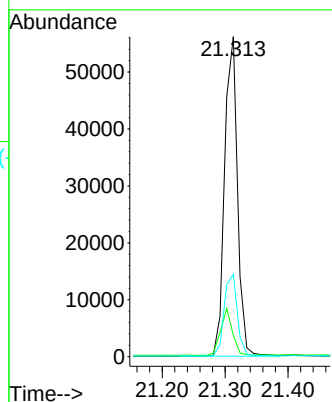
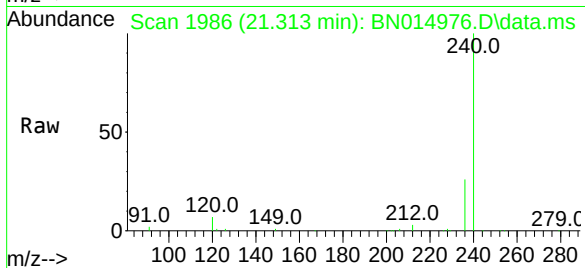
Tgt Ion:240 Resp: 80275

Ion Ratio Lower Upper

240 100

120 6.7 4.2 6.4#

236 25.7 21.4 32.2



#30

Pyrene

Concen: 0.025 ng

RT: 19.540 min Scan# 1769

Delta R.T. -0.010 min

Lab File: BN014976.D

Acq: 22 Jun 2021 16:41

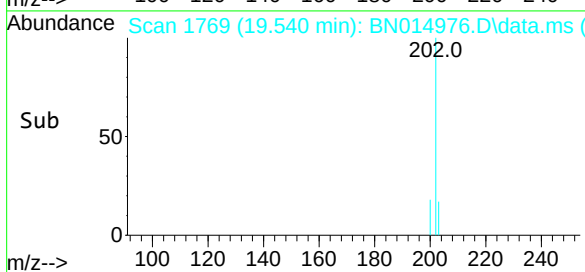
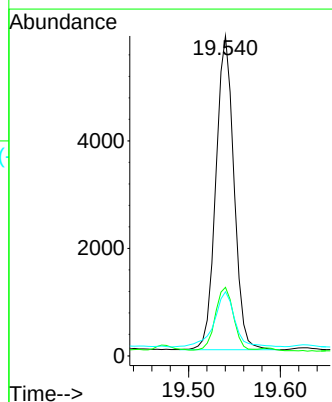
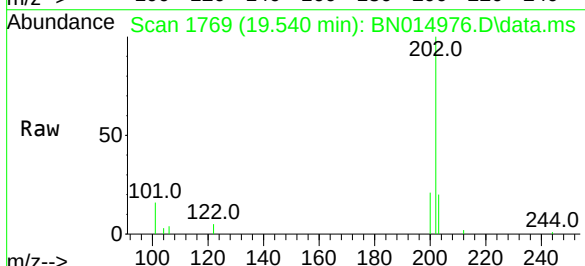
Tgt Ion:202 Resp: 7976

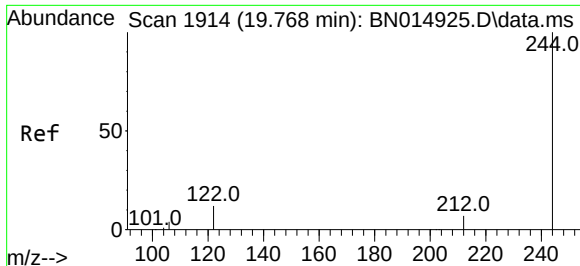
Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

203 20.1 13.9 20.9

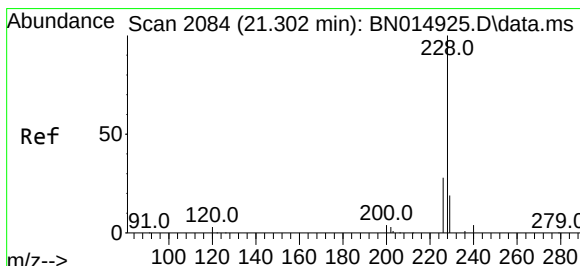
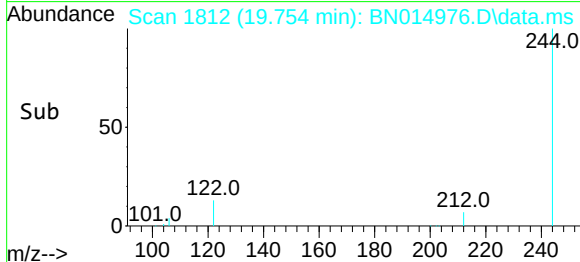
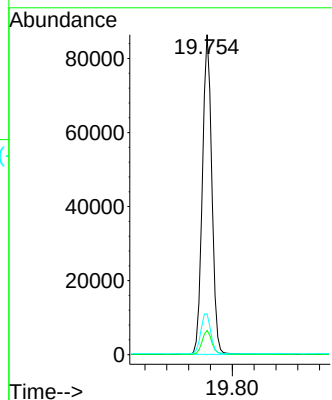
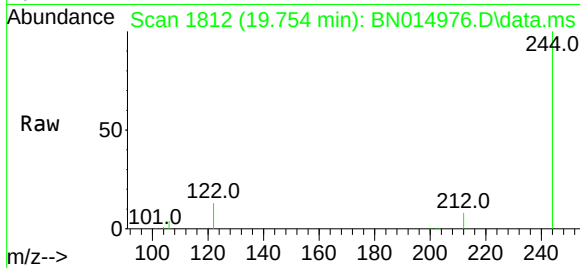




#31
 Terphenyl-d14
 Concen: 0.524 ng
 RT: 19.754 min Scan# 1812
 Delta R.T. -0.015 min
 Lab File: BN014976.D
 Acq: 22 Jun 2021 16:41

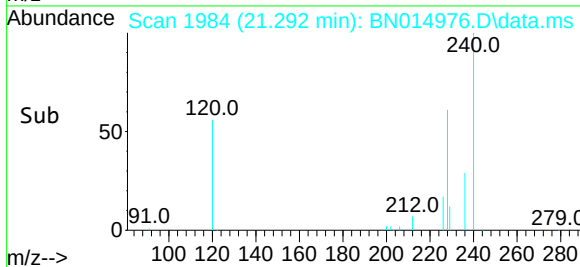
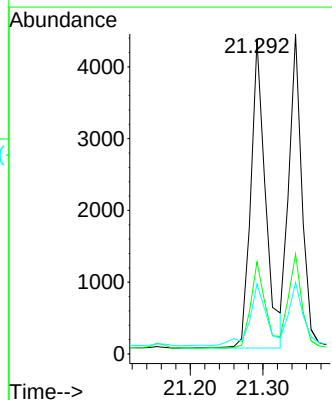
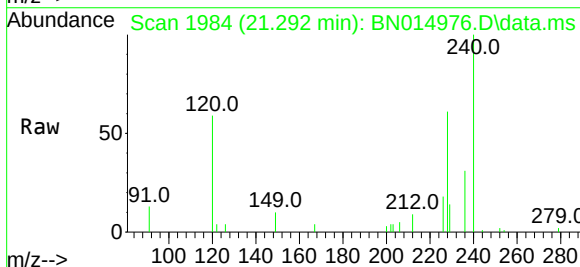
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20210615

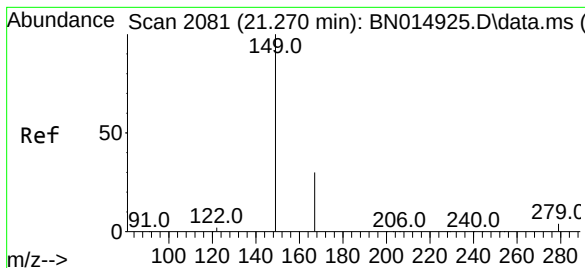
Tgt Ion:244 Resp: 104299
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 12.8 6.2 9.2#



#32
 Benzo(a)anthracene
 Concen: 0.020 ng
 RT: 21.292 min Scan# 1984
 Delta R.T. -0.010 min
 Lab File: BN014976.D
 Acq: 22 Jun 2021 16:41

Tgt Ion:228 Resp: 6064
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.0 34.6
 229 22.3 15.7 23.5

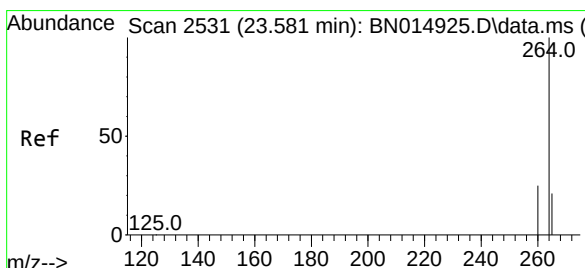
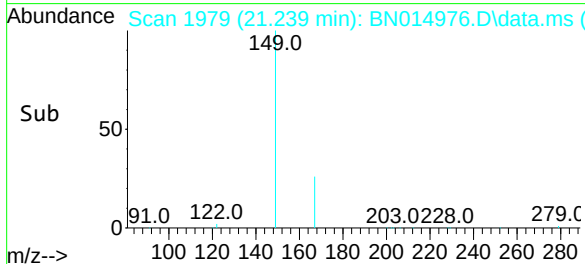
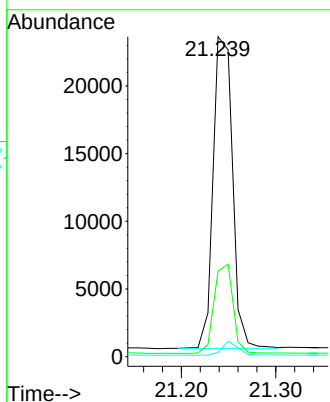
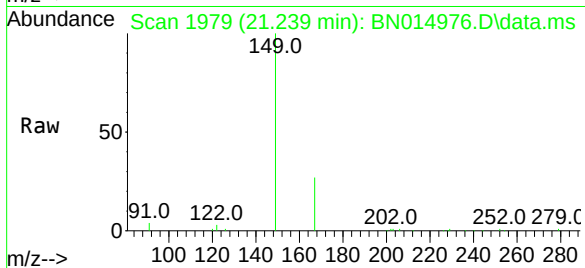




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.155 ng
 RT: 21.239 min Scan# 1979
 Delta R.T. -0.032 min
 Lab File: BN014976.D
 Acq: 22 Jun 2021 16:41

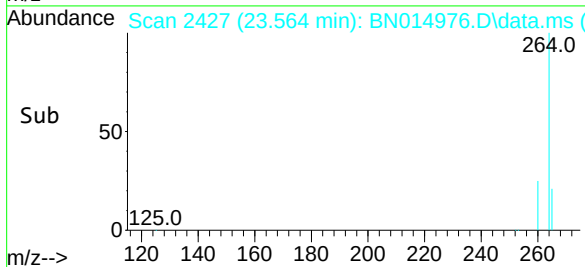
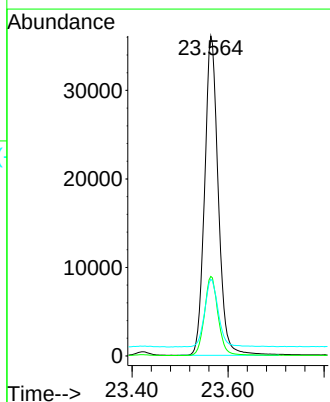
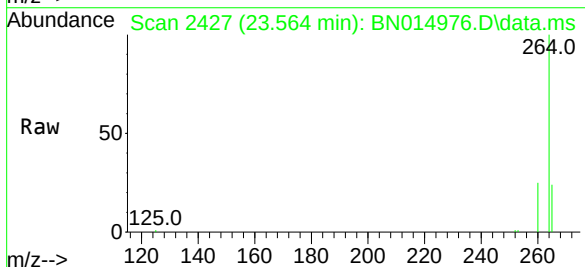
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20210615

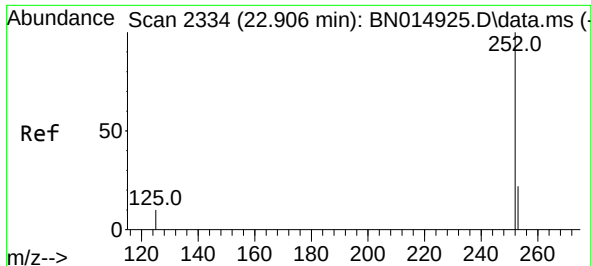
Tgt Ion:149 Resp: 32790
 Ion Ratio Lower Upper
 149 100
 167 27.8 28.9 43.3#
 279 3.8 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.564 min Scan# 2427
 Delta R.T. -0.017 min
 Lab File: BN014976.D
 Acq: 22 Jun 2021 16:41

Tgt Ion:264 Resp: 70967
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.6 31.0
 265 23.9 21.4 32.2





#37

Benzo(b)fluoranthene

Concen: 0.023 ng

RT: 22.890 min Scan# 2230

Delta R.T. -0.017 min

Lab File: BN014976.D

Acq: 22 Jun 2021 16:41

Tgt Ion:252 Resp: 6066

Ion Ratio Lower Upper

252 100

253 29.1 18.5 27.7#

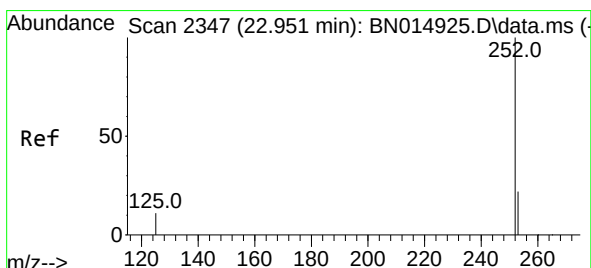
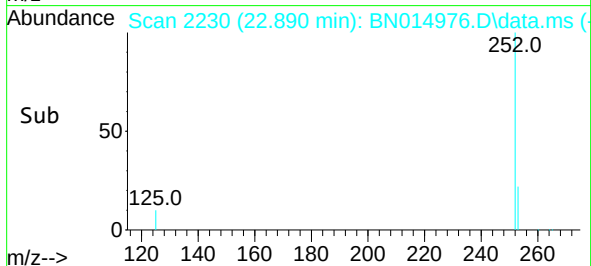
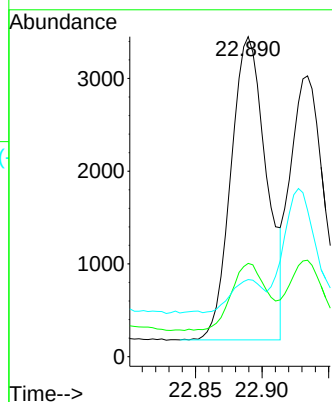
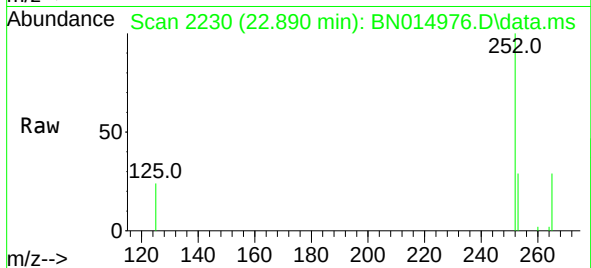
125 24.1 5.8 8.6#

Instrument :

BNA_N

ClientSampleId :

RE125D1-20210615



#38

Benzo(k)fluoranthene

Concen: 0.020 ng

RT: 22.934 min Scan# 2243

Delta R.T. -0.017 min

Lab File: BN014976.D

Acq: 22 Jun 2021 16:41

Tgt Ion:252 Resp: 5242

Ion Ratio Lower Upper

252 100

253 34.4 19.1 28.7#

125 52.2 5.4 8.0#

