

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
 Data File : BN014978.D
 Acq On : 22 Jun 2021 17:53
 Operator : CG/JU
 Sample : M2750-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20210615

Quant Time: Jun 23 03:38:46 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)

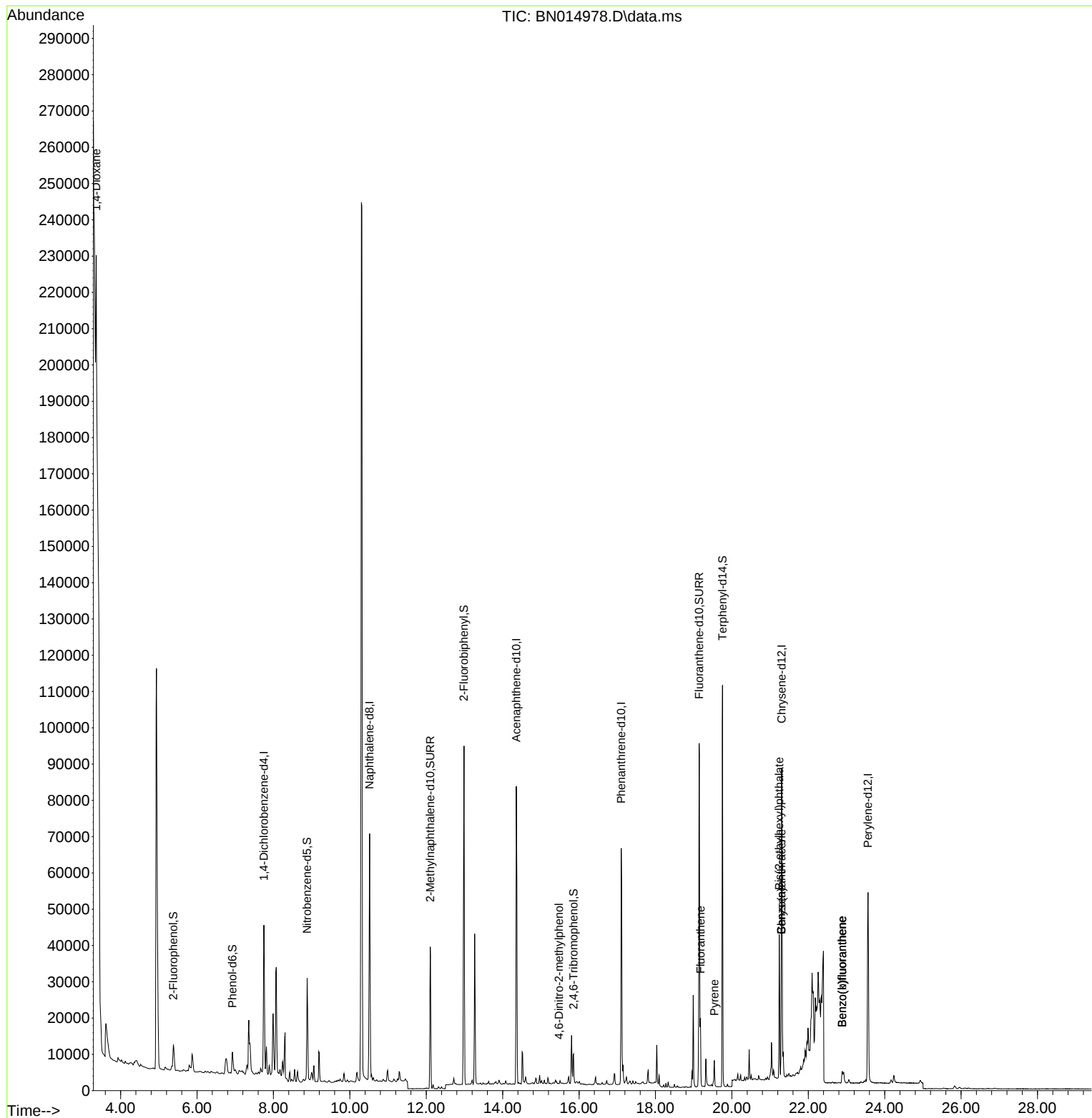
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	19658	0.40	ng	#-0.01
7) Naphthalene-d8	10.518	136	87991	0.40	ng	0.00
13) Acenaphthene-d10	14.358	164	47681	0.40	ng	-0.01
19) Phenanthrene-d10	17.104	188	91829	0.40	ng	-0.01
29) Chrysene-d12	21.303	240	81583	0.40	ng	#-0.02
35) Perylene-d12	23.564	264	71587	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	8773	0.14	ng	0.00
5) Phenol-d6	6.929	99	6025	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	23607	0.36	ng	-0.02
11) 2-Methylnaphthalene-d10	12.106	152	51570	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.855	330	7004	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	78367	0.43	ng	-0.01
27) Fluoranthene-d10	19.143	212	107507	0.37	ng	-0.01
31) Terphenyl-d14	19.754	244	107319	0.53	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.361	88	76464	9.27	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.475	198	13	0.11	ng	# 1
28) Fluoranthene	19.178	202	15971	0.05	ng	# 95
30) Pyrene	19.540	202	6556	0.02	ng	# 92
32) Benzo(a)anthracene	21.292	228	6822	0.02	ng	95
33) Chrysene	21.292	228	6541	0.02	ng	98
34) Bis(2-ethylhexyl)phtha...	21.239	149	36505	0.17	ng	# 87
37) Benzo(b)fluoranthene	22.890	252	5532	0.02	ng	# 71
38) Benzo(k)fluoranthene	22.890	252	5532	0.02	ng	# 72

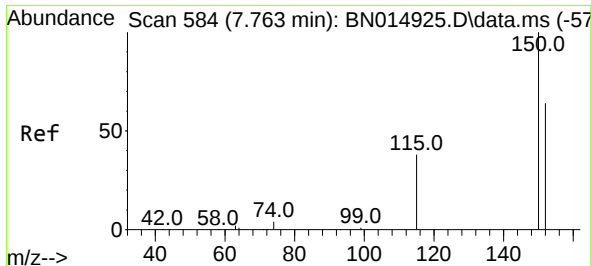
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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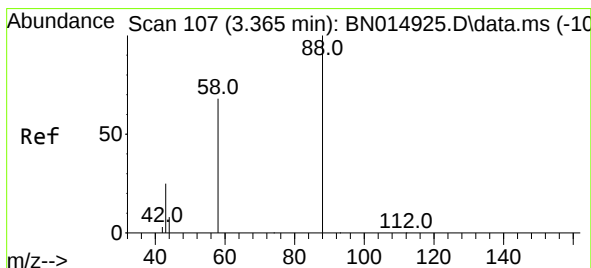
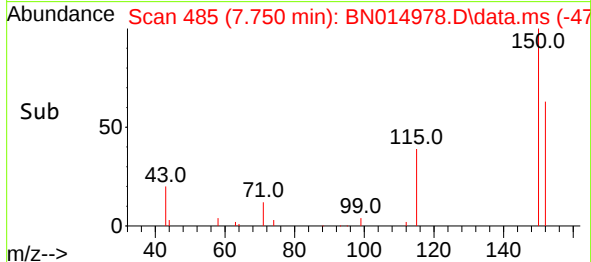
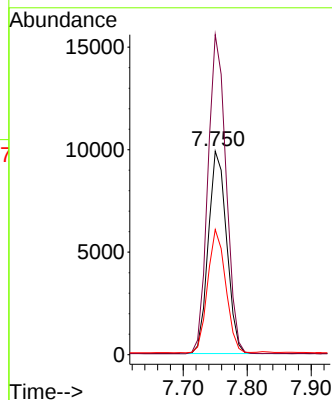
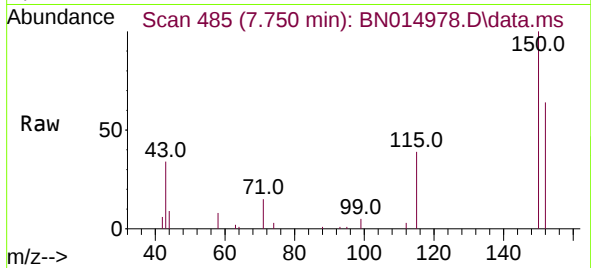




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.750 min Scan# 485
 Delta R.T. -0.013 min
 Lab File: BN014978.D
 Acq: 22 Jun 2021 17:53

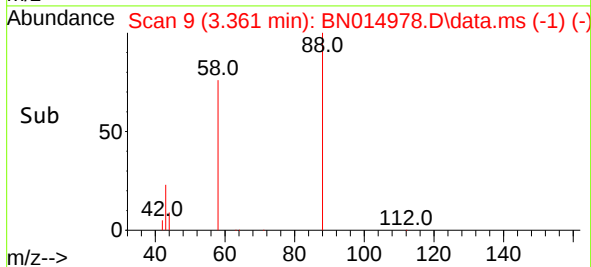
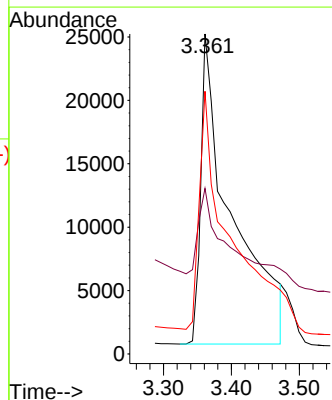
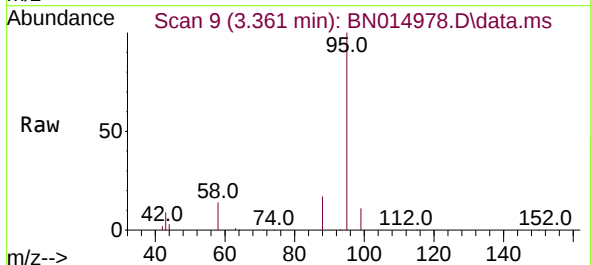
Instrument :
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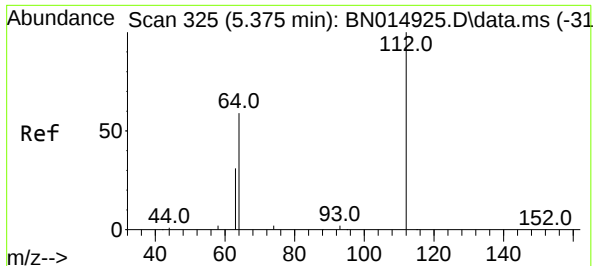
Tgt Ion:152 Resp: 19658
 Ion Ratio Lower Upper
 152 100
 150 157.3 119.0 178.6
 115 61.5 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 9.27 ng
 RT: 3.361 min Scan# 9
 Delta R.T. -0.003 min
 Lab File: BN014978.D
 Acq: 22 Jun 2021 17:53

Tgt Ion: 88 Resp: 76464
 Ion Ratio Lower Upper
 88 100
 43 21.7 12.9 19.3#
 58 72.2 38.1 57.1#

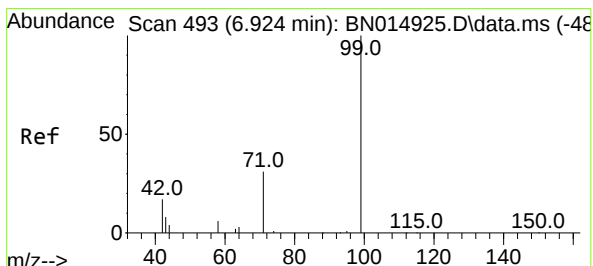
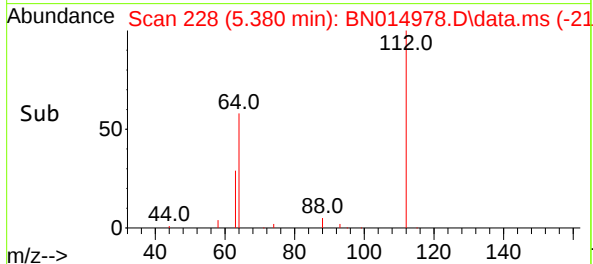
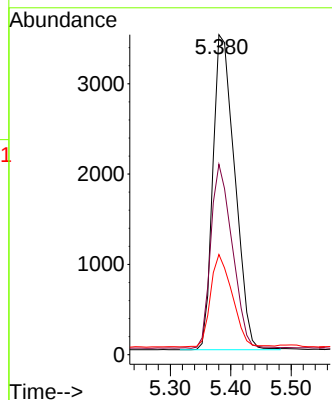
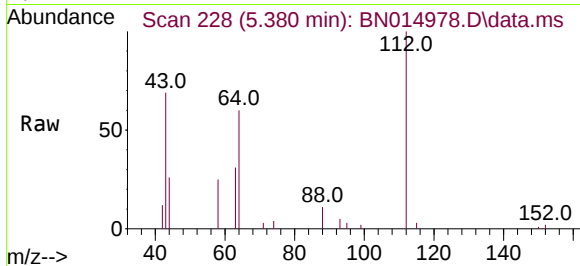




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.380 min Scan# 228
Delta R.T. 0.006 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

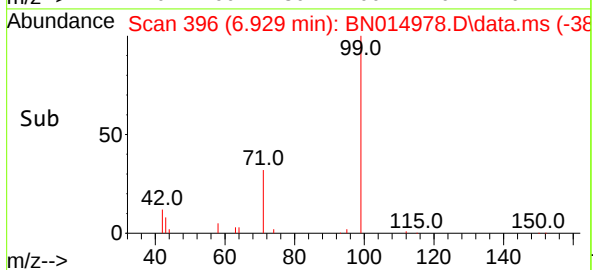
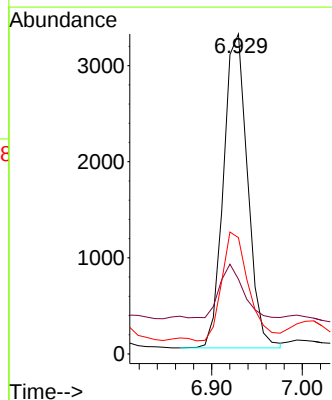
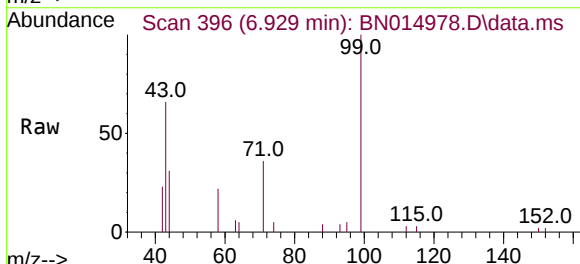
Instrument :
BNA_N
ClientSampleId :
RE125D3-20210615

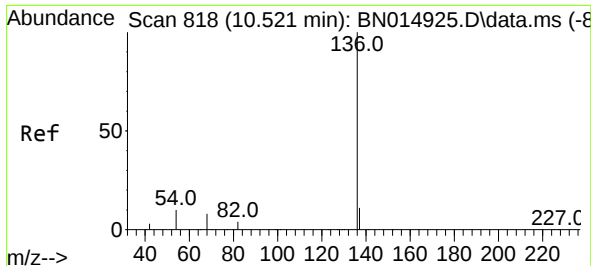
Tgt Ion:112 Resp: 8773
Ion Ratio Lower Upper
112 100
64 57.3 39.0 58.6
63 28.8 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.929 min Scan# 396
Delta R.T. 0.006 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

Tgt Ion: 99 Resp: 6025
Ion Ratio Lower Upper
99 100
42 16.7 8.9 13.3#
71 39.1 35.6 53.4

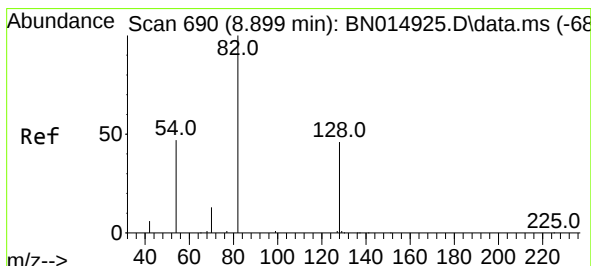
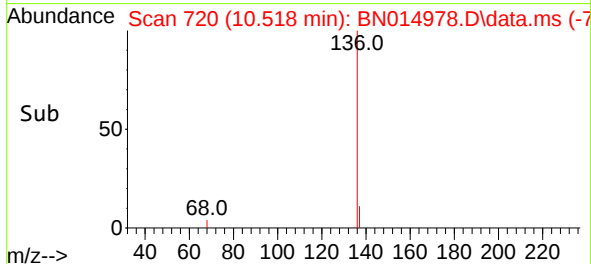
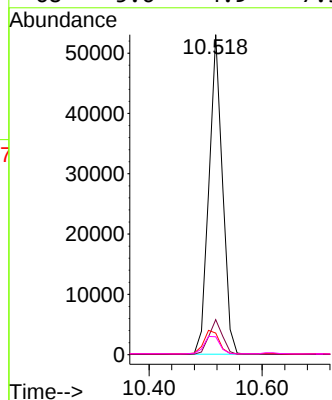
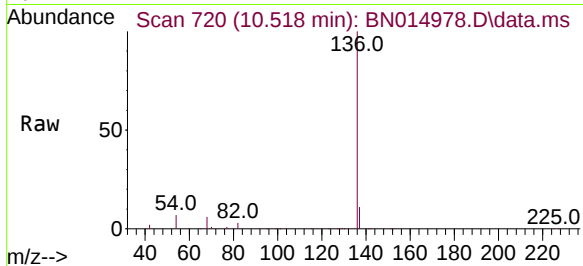




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 720
Delta R.T. -0.003 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

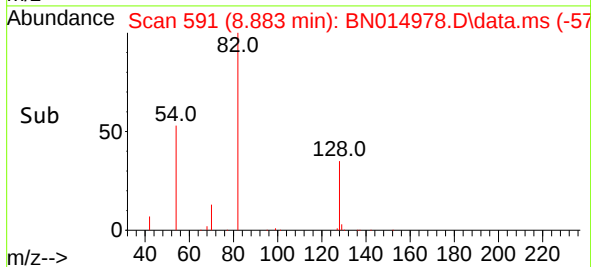
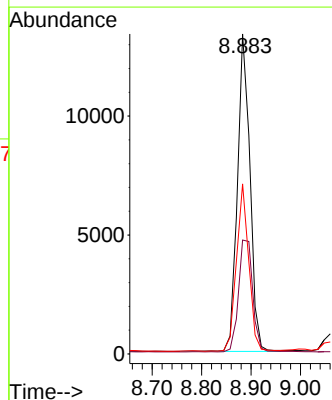
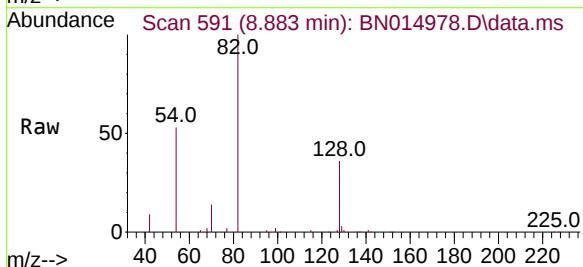
Instrument :
BNA_N
ClientSampleId :
RE125D3-20210615

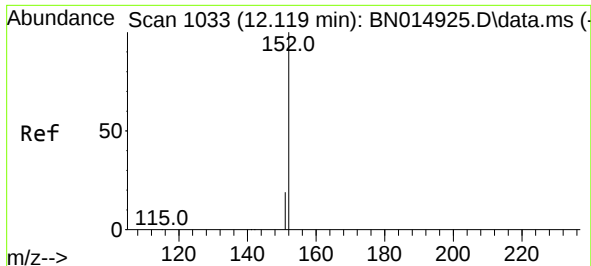
Tgt Ion:136	Resp:	87991
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.8
54	6.7	5.4 8.2
68	5.6	4.9 7.3



#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.016 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

Tgt Ion: 82	Resp:	23607
Ion Ratio	Lower	Upper
82	100	
128	35.6	31.6 47.4
54	53.2	29.0 43.4

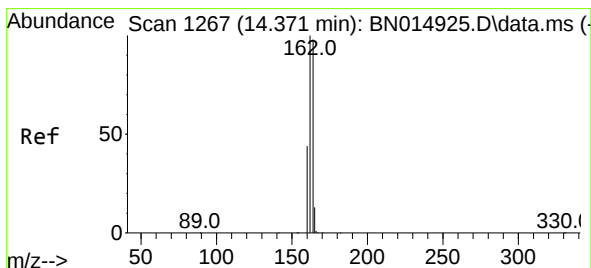
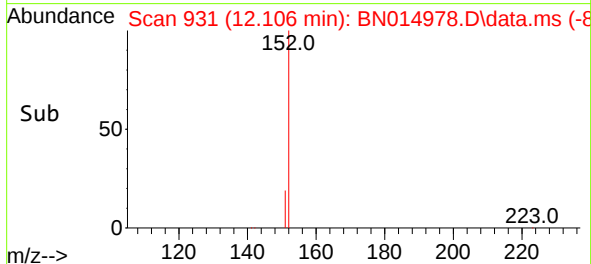
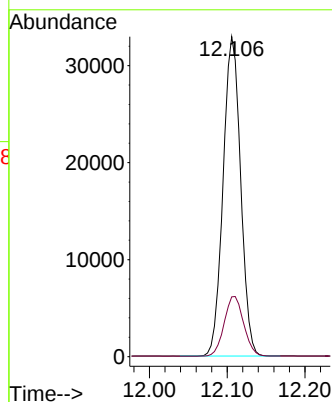
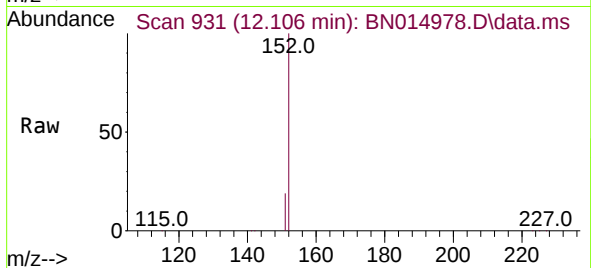




#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.106 min Scan# 931
Delta R.T. -0.013 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

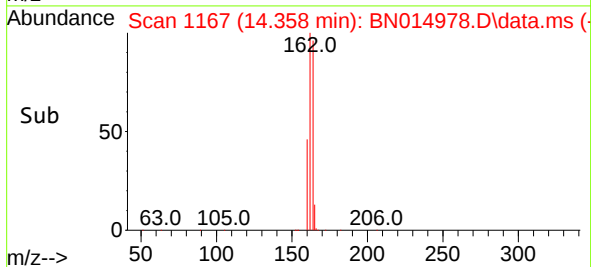
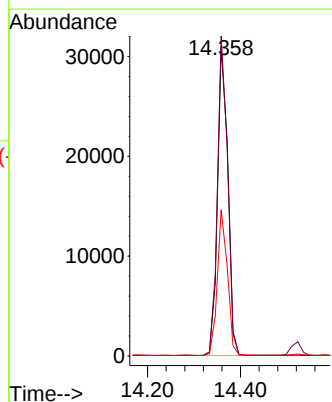
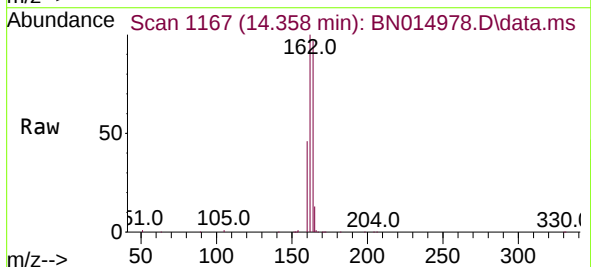
Instrument :
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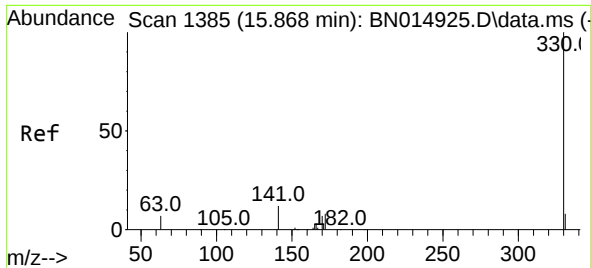
Tgt Ion:152 Resp: 51570
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.358 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

Tgt Ion:164 Resp: 47681
Ion Ratio Lower Upper
164 100
162 103.6 83.8 125.6
160 47.4 37.4 56.0

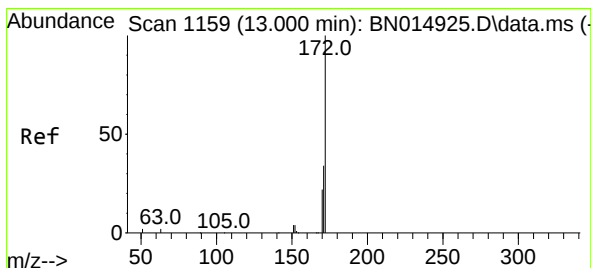
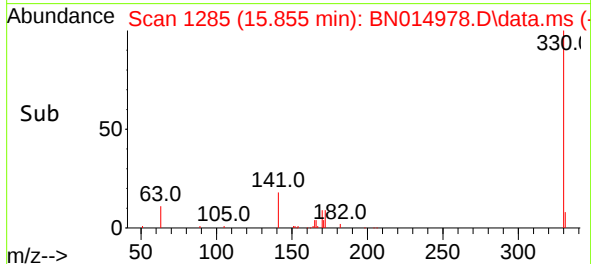
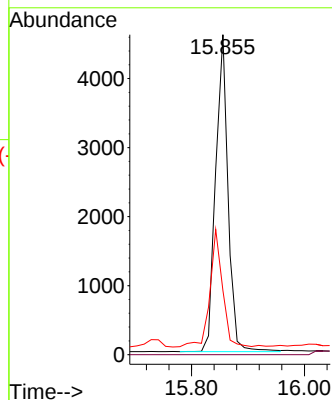
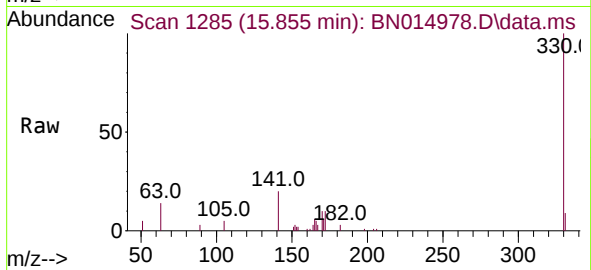




#14
 2,4,6-Tribromophenol
 Concen: 0.31 ng
 RT: 15.855 min Scan# 1285
 Delta R.T. -0.012 min
 Lab File: BN014978.D
 Acq: 22 Jun 2021 17:53

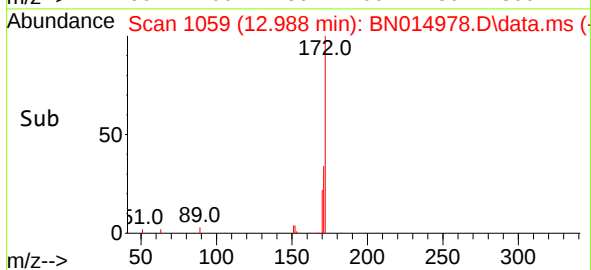
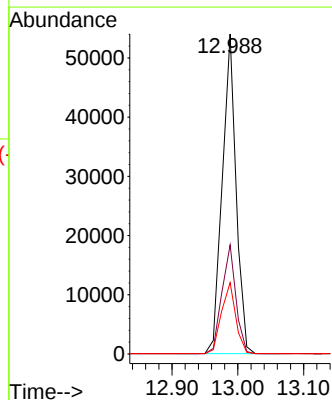
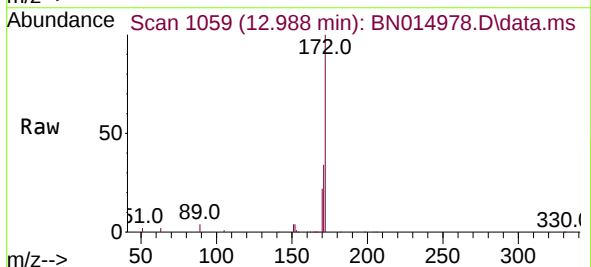
Instrument :
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 ClientSampleId :
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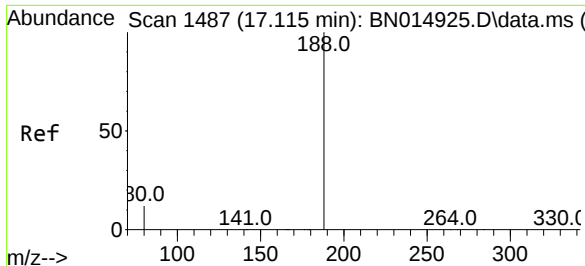
Tgt Ion: 330 Resp: 7004
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.8 22.4 33.6#



#15
 2-Fluorobiphenyl
 Concen: 0.43 ng
 RT: 12.988 min Scan# 1059
 Delta R.T. -0.012 min
 Lab File: BN014978.D
 Acq: 22 Jun 2021 17:53

Tgt Ion: 172 Resp: 78367
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.6 45.8
 170 22.3 20.2 30.4

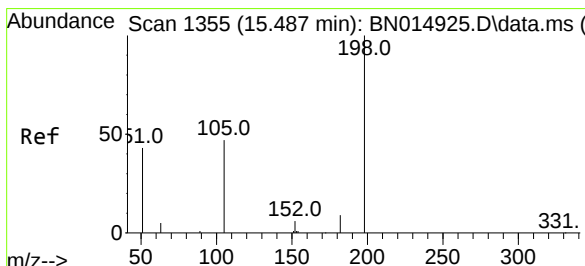
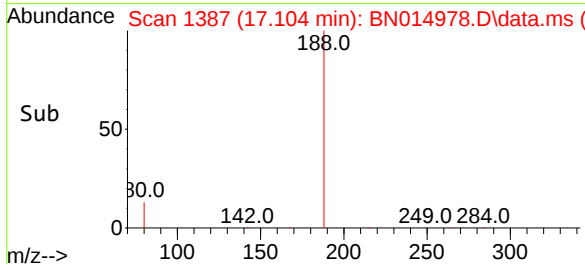
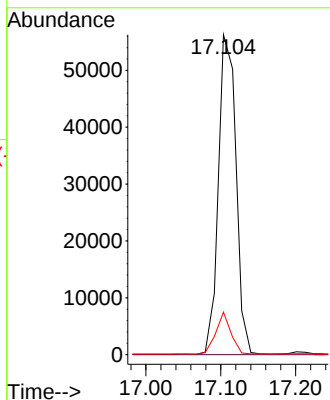
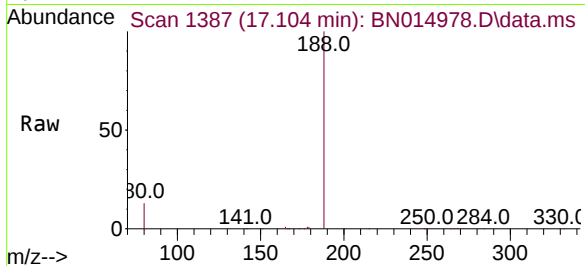




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

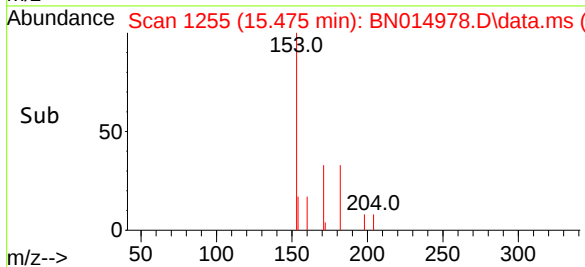
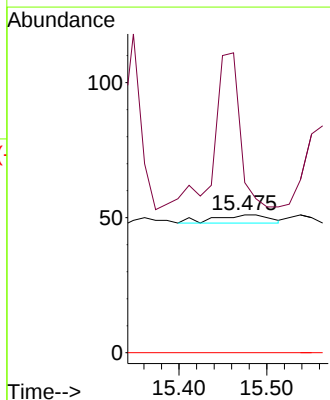
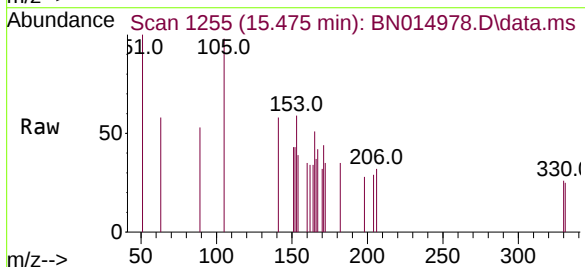
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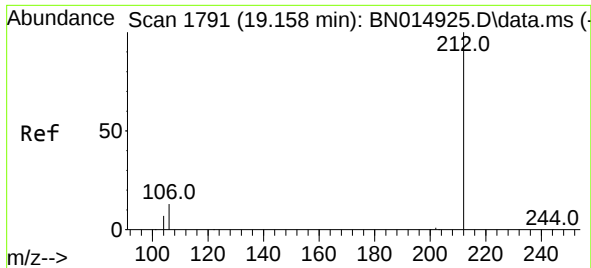
Tgt Ion:188 Resp: 91829
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.11 ng
RT: 15.475 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
182 123.5 34.5 51.7#
77 0.0 0.0 0.0

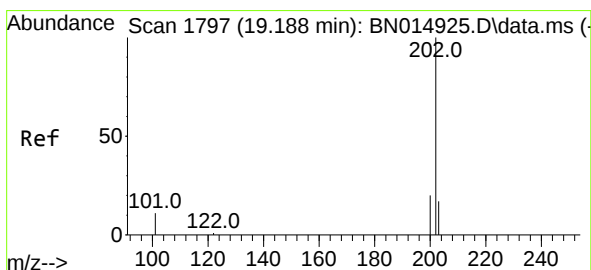
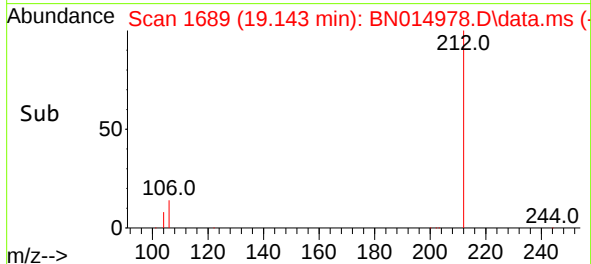
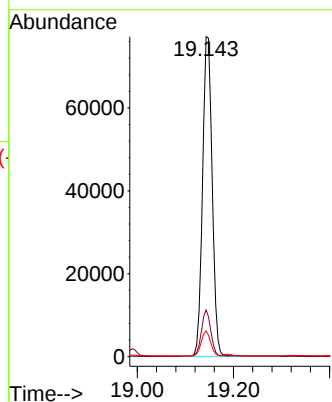
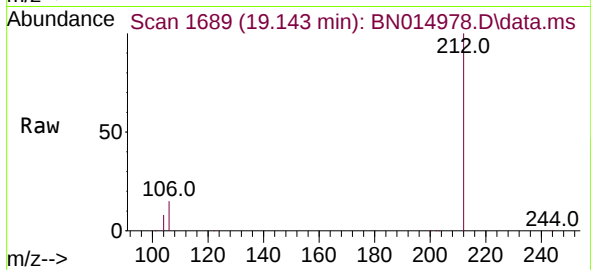




#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.143 min Scan# 1689
Delta R.T. -0.015 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

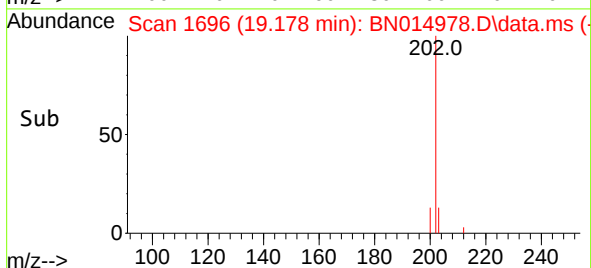
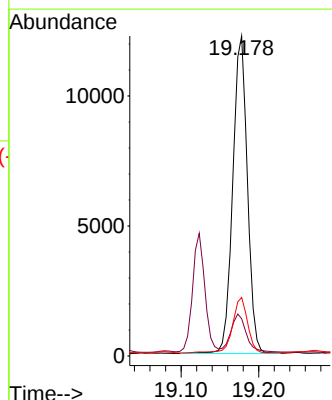
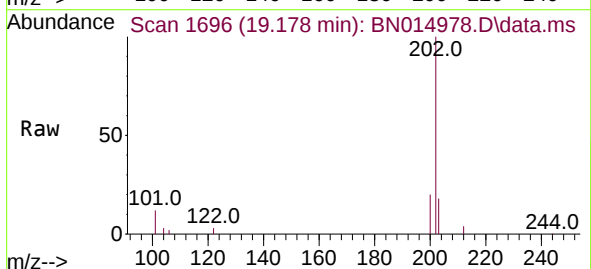
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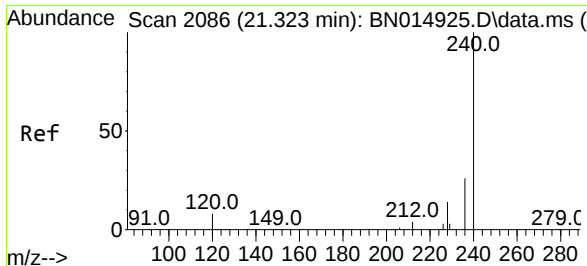
Tgt Ion:212 Resp: 107507
Ion Ratio Lower Upper
212 100
106 14.0 7.0 10.6#
104 7.6 4.1 6.1#



#28
Fluoranthene
Concen: 0.05 ng
RT: 19.178 min Scan# 1696
Delta R.T. -0.010 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

Tgt Ion:202 Resp: 15971
Ion Ratio Lower Upper
202 100
101 12.6 6.6 10.0#
203 18.0 13.9 20.9

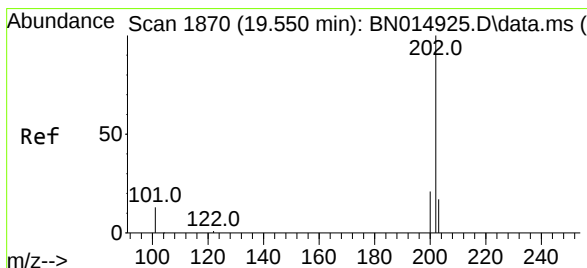
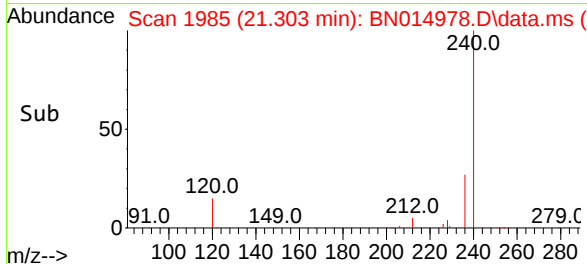
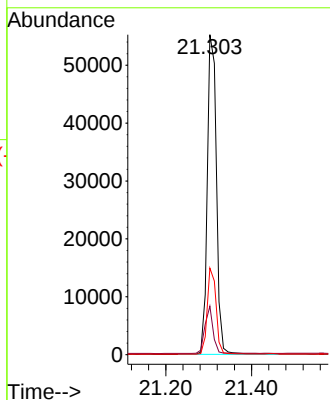
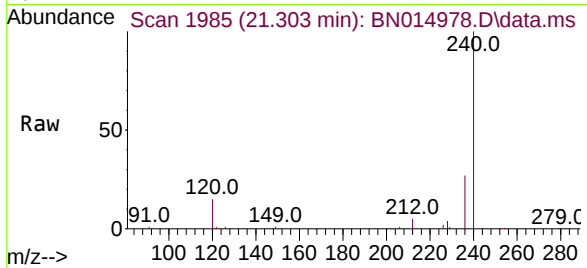




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 1985
Delta R.T. -0.021 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

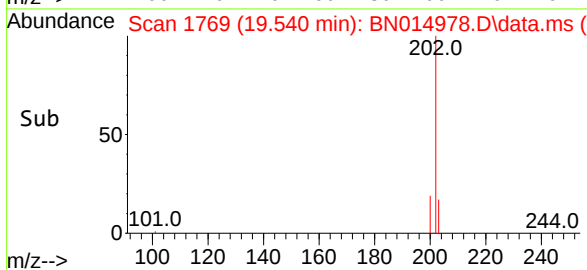
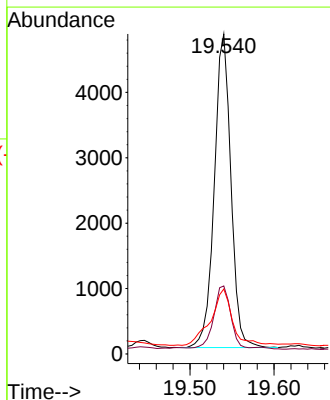
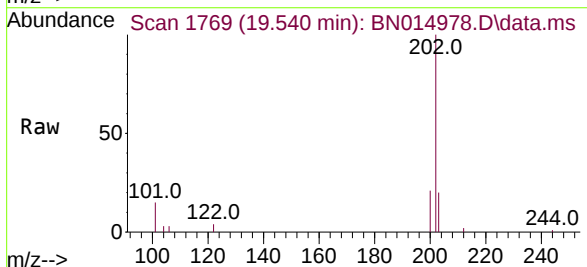
Instrument :
BNA_N
ClientSampleId :
RE125D3-20210615

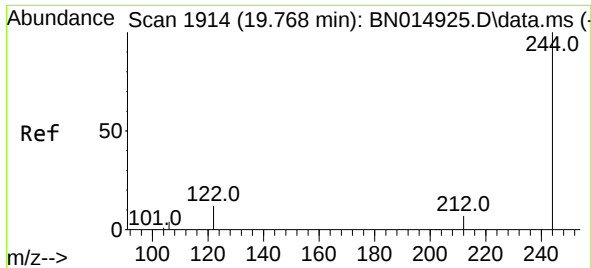
Tgt Ion:240 Resp: 81583
Ion Ratio Lower Upper
240 100
120 15.1 4.2 6.4#
236 27.0 21.4 32.2



#30
Pyrene
Concen: 0.02 ng
RT: 19.540 min Scan# 1769
Delta R.T. -0.010 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

Tgt Ion:202 Resp: 6556
Ion Ratio Lower Upper
202 100
200 19.7 16.9 25.3
203 23.6 13.9 20.9#

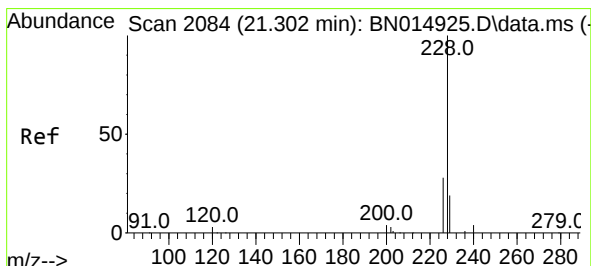
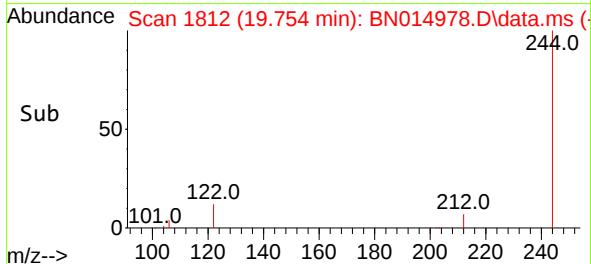
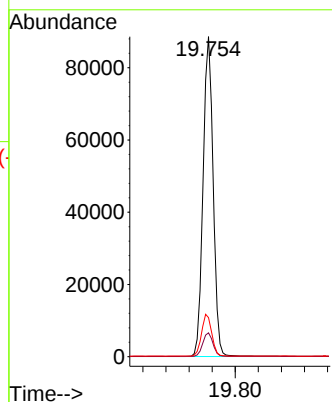
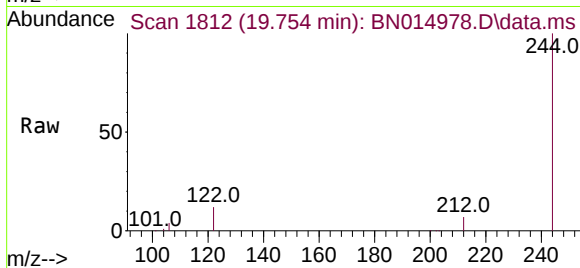




#31
 Terphenyl-d14
 Concen: 0.53 ng
 RT: 19.754 min Scan# 1812
 Delta R.T. -0.015 min
 Lab File: BN014978.D
 Acq: 22 Jun 2021 17:53

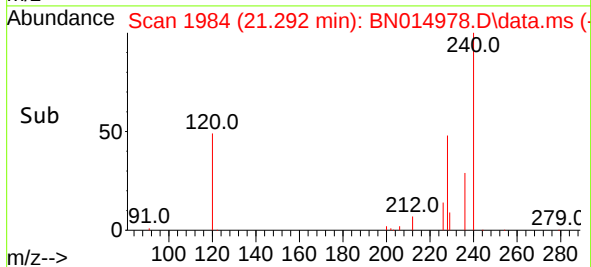
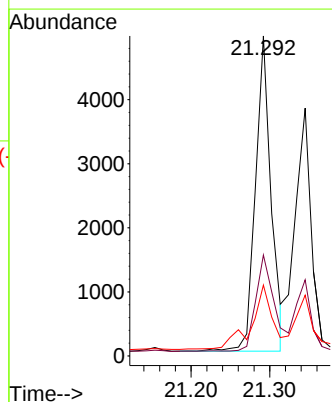
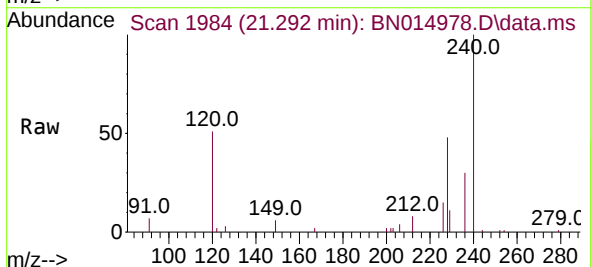
Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20210615

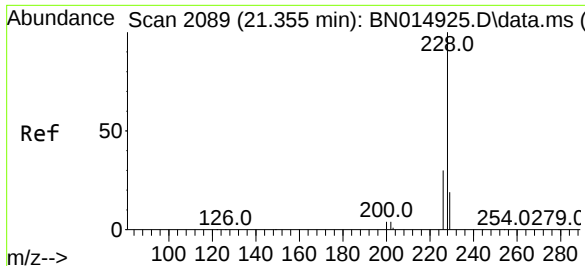
Tgt Ion:244 Resp: 107319
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 12.2 6.2 9.2#



#32
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.292 min Scan# 1984
 Delta R.T. -0.010 min
 Lab File: BN014978.D
 Acq: 22 Jun 2021 17:53

Tgt Ion:228 Resp: 6822
 Ion Ratio Lower Upper
 228 100
 226 31.6 23.0 34.6
 229 22.2 15.7 23.5

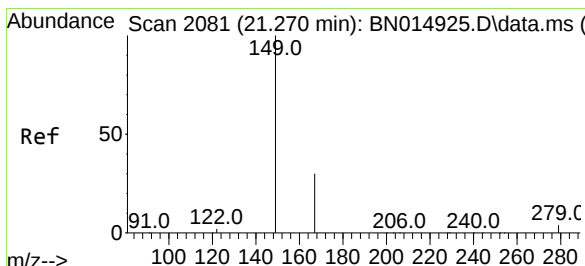
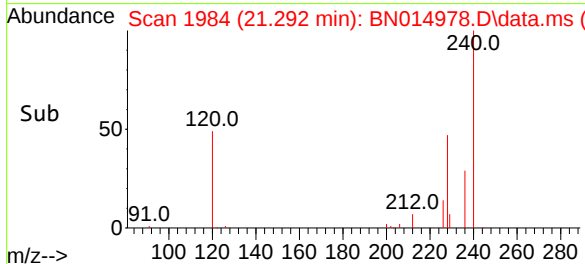
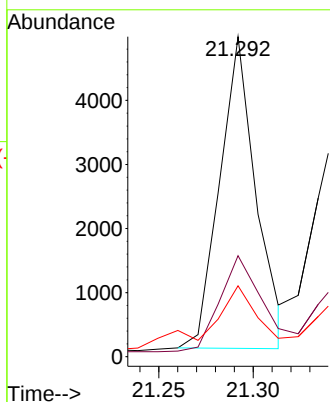
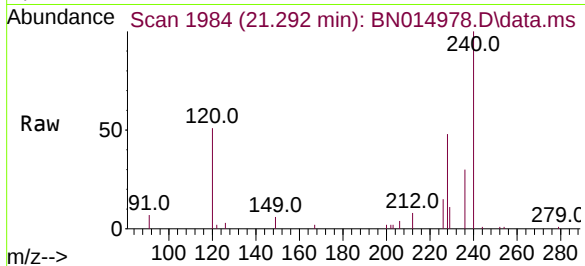




#33
Chrysene
Concen: 0.02 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.063 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

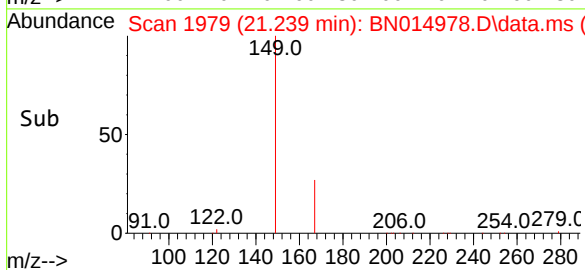
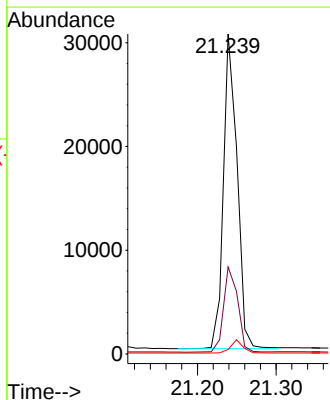
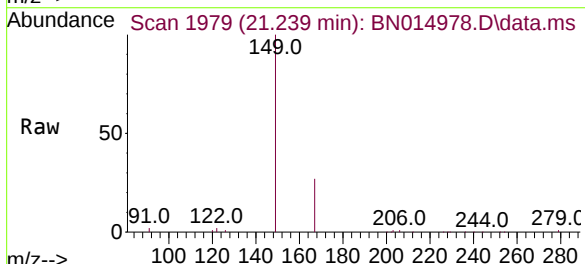
Instrument :
BNA_N
ClientSampleId :
RE125D3-20210615

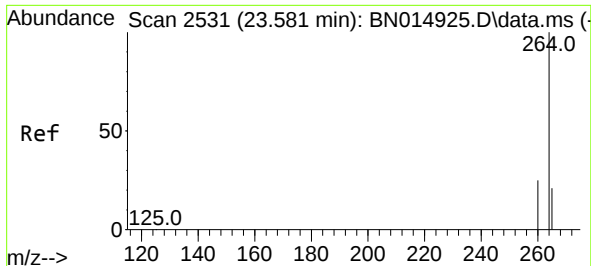
Tgt Ion:228 Resp: 6541
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.6
229 22.2 15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.239 min Scan# 1979
Delta R.T. -0.032 min
Lab File: BN014978.D
Acq: 22 Jun 2021 17:53

Tgt Ion:149 Resp: 36505
Ion Ratio Lower Upper
149 100
167 28.1 28.9 43.3#
279 3.8 4.9 7.3#

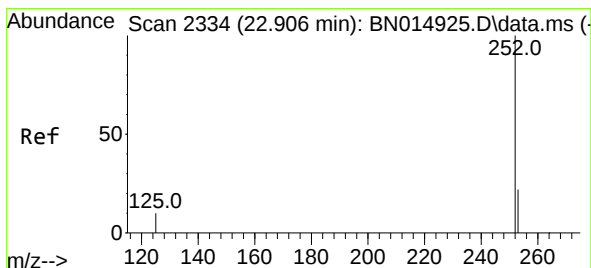
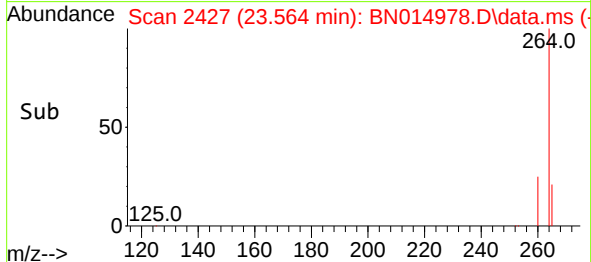
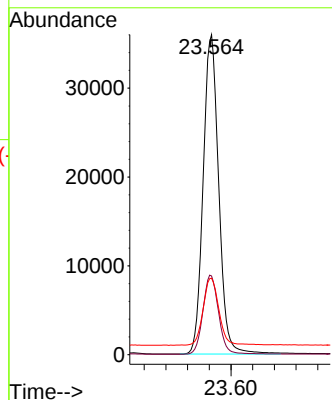
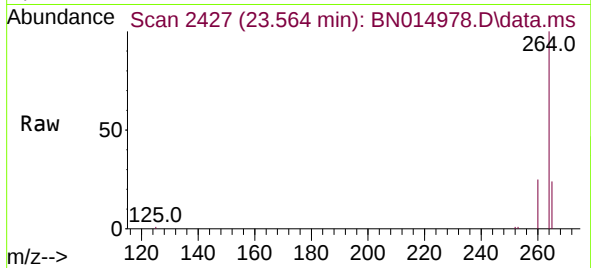




#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.564 min Scan# 2427
 Delta R.T. -0.017 min
 Lab File: BN014978.D
 Acq: 22 Jun 2021 17:53

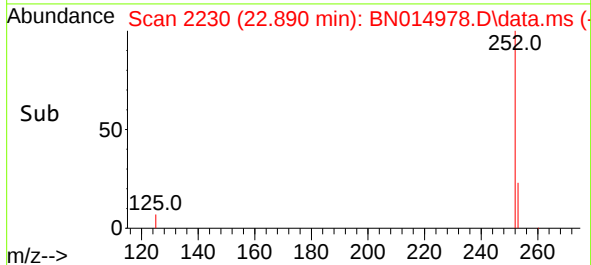
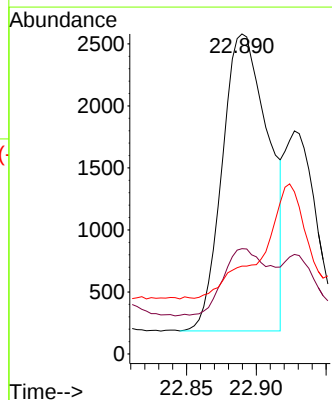
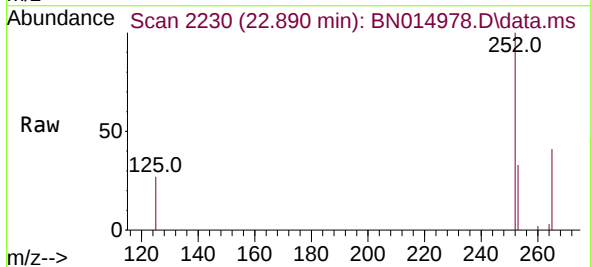
Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20210615

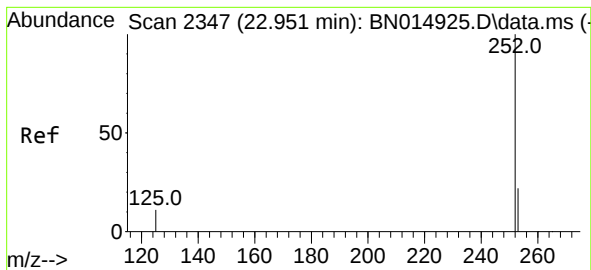
Tgt Ion:264	Resp:	71587
Ion Ratio	Lower	Upper
264	100	
260	24.6	20.6 31.0
265	23.9	21.4 32.2



#37
 Benzo(b)fluoranthene
 Concen: 0.02 ng
 RT: 22.890 min Scan# 2230
 Delta R.T. -0.017 min
 Lab File: BN014978.D
 Acq: 22 Jun 2021 17:53

Tgt Ion:252	Resp:	5532
Ion Ratio	Lower	Upper
252	100	
253	32.9	18.5 27.7#
125	27.5	5.8 8.6#





#38

Benzo(k)fluoranthene

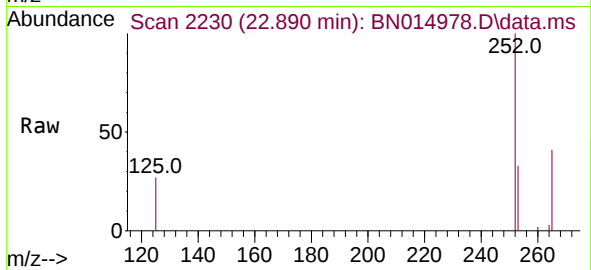
Concen: 0.02 ng

RT: 22.890 min Scan# 2230

Delta R.T. -0.061 min

Lab File: BN014978.D

Acq: 22 Jun 2021 17:53



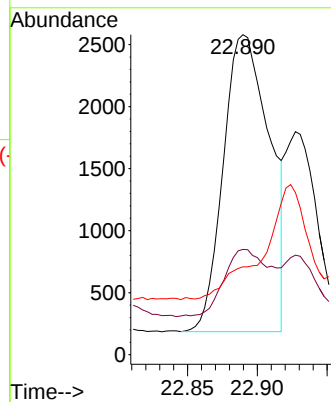
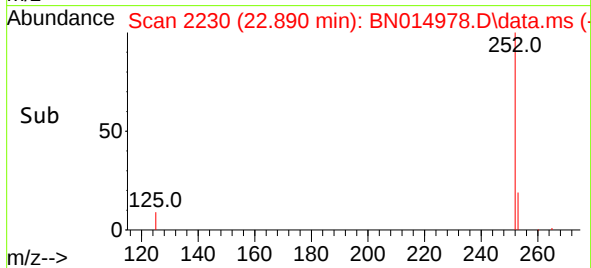
Tgt Ion:252 Resp: 5532

Ion Ratio Lower Upper

252 100

253 32.9 19.1 28.7#

125 27.5 5.4 8.0#



Instrument :

BNA_N

ClientSampleId :

RE125D3-20210615