

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
 Data File : BN014985.D
 Acq On : 22 Jun 2021 22:04
 Operator : CG/JU
 Sample : M2750-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20210616

Quant Time: Jun 23 03:39:32 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)

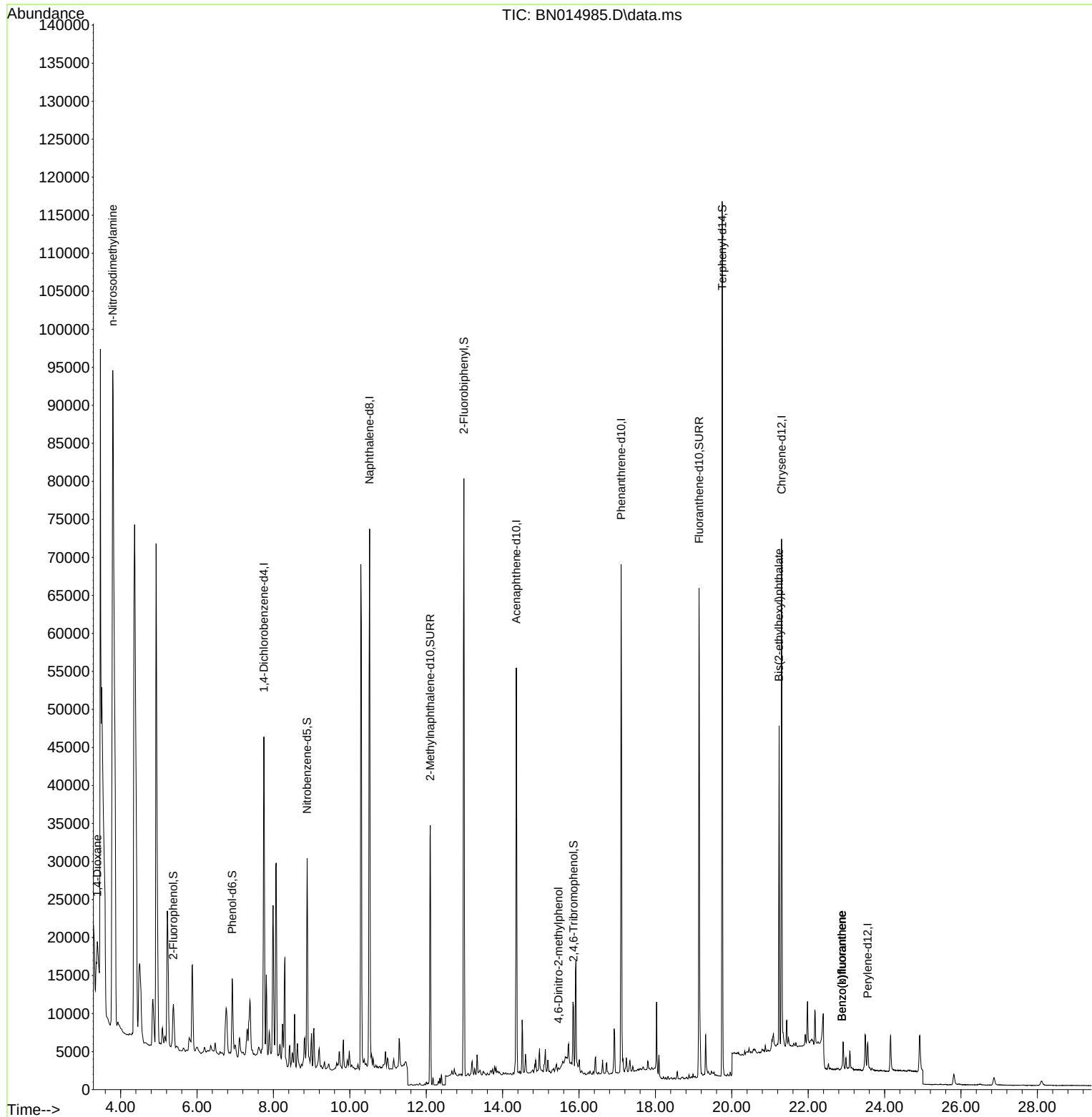
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	20793	0.40	ng	#-0.01
7) Naphthalene-d8	10.517	136	94076	0.40	ng	0.00
13) Acenaphthene-d10	14.358	164	29622	0.40	ng	-0.01
19) Phenanthrene-d10	17.103	188	88013	0.40	ng	-0.01
29) Chrysene-d12	21.302	240	59282	0.40	ng	#-0.02
35) Perylene-d12	23.557	264	4681	0.40	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	8108	0.13	ng	0.00
5) Phenol-d6	6.920	99	4668	0.06	ng	0.00
8) Nitrobenzene-d5	8.883	82	22600	0.32	ng	-0.02
11) 2-Methylnaphthalene-d10	12.106	152	45773	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	15.855	330	7408	0.53	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	70010	0.62	ng	-0.01
27) Fluoranthene-d10	19.143	212	68948	0.25	ng	-0.01
31) Terphenyl-d14	19.749	244	109663	0.75	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.388	88	17466	2.00	ng	# 85
3) n-Nitrosodimethylamine	3.794	42	3944	0.20	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.462	198	13	0.11	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.239	149	34821	0.22	ng	# 87
37) Benzo(b)fluoranthene	22.883	252	501	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.883	252	501	0.03	ng	# 1

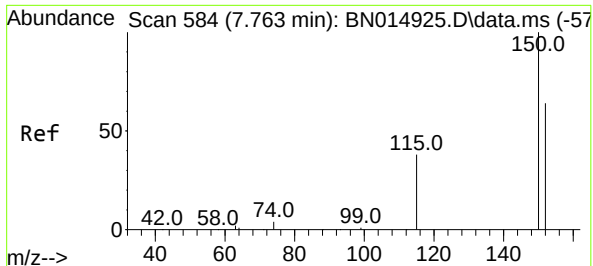
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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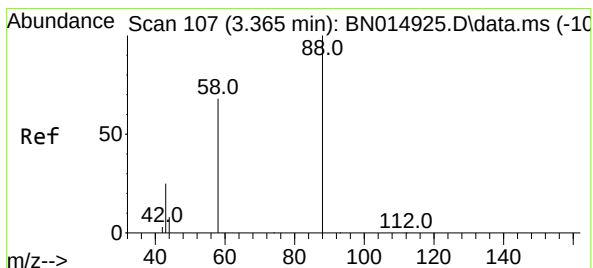
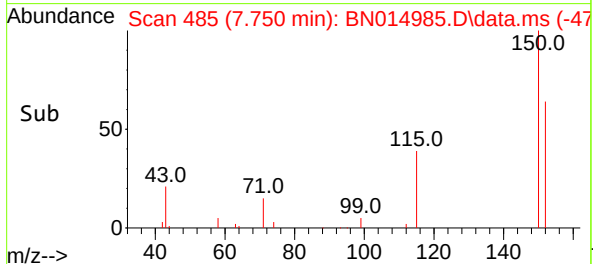
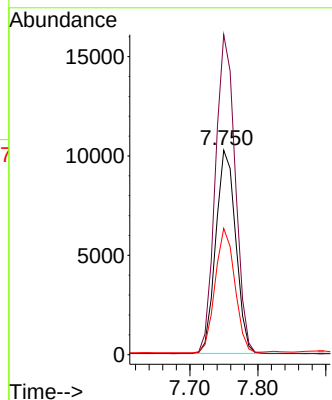
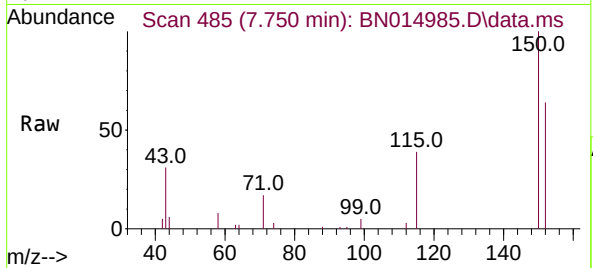




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.750 min Scan# 485
Delta R.T. -0.013 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

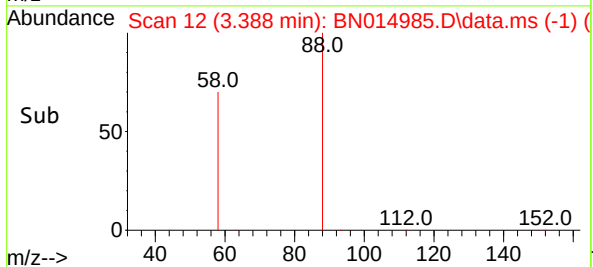
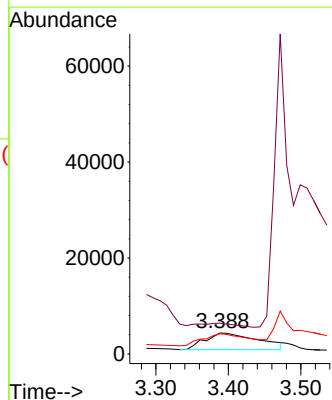
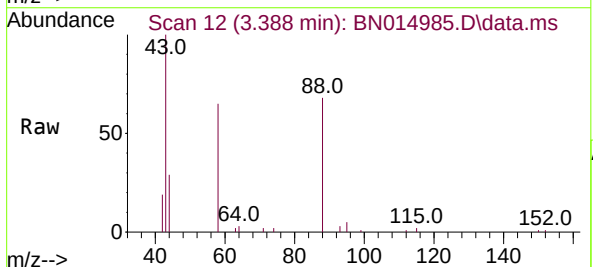
Instrument :
BNA_N
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MW178S-20210616

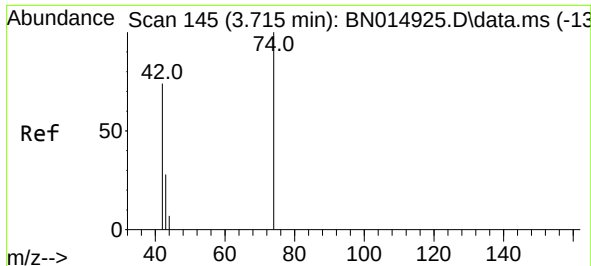
Tgt Ion:152 Resp: 20793
Ion Ratio Lower Upper
152 100
150 156.5 119.0 178.6
115 61.7 62.2 93.4#



#2
1,4-Dioxane
Concen: 2.00 ng
RT: 3.388 min Scan# 12
Delta R.T. 0.024 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

Tgt Ion: 88 Resp: 17466
Ion Ratio Lower Upper
88 100
43 16.2 12.9 19.3
58 60.7 38.1 57.1#

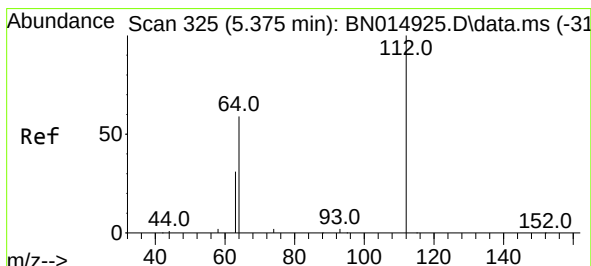
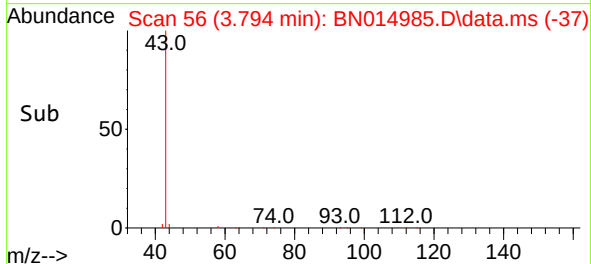
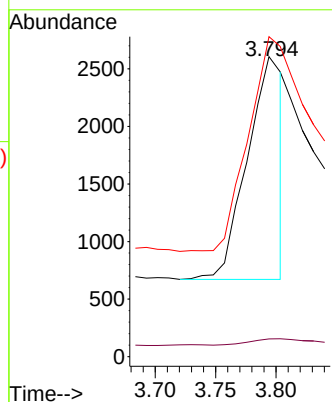
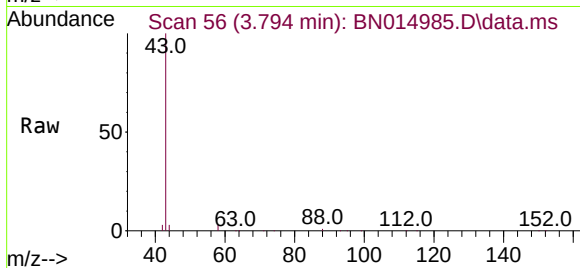




#3
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.794 min Scan# 56
Delta R.T. 0.079 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

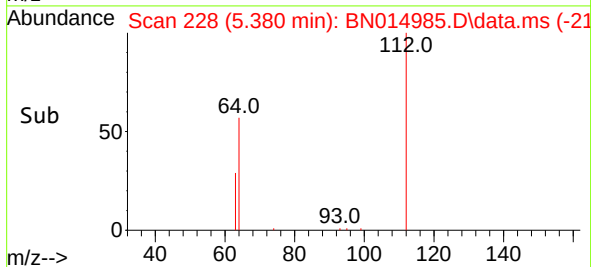
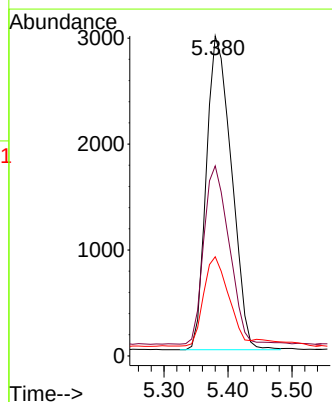
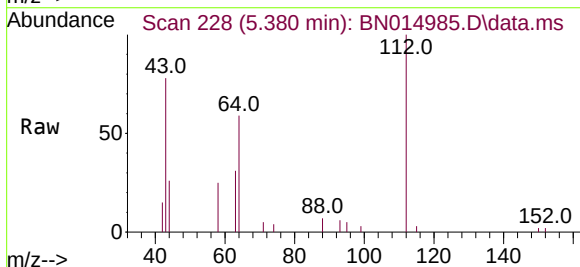
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ClientSampleId :
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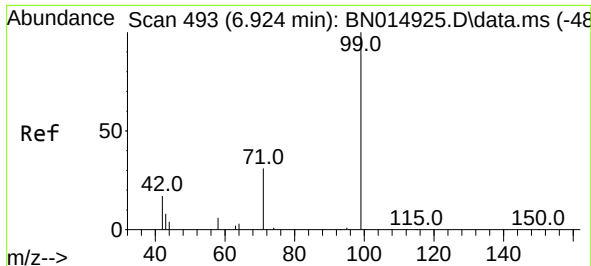
Tgt Ion: 42 Resp: 3944
Ion Ratio Lower Upper
42 100
74 0.0 149.5 224.3#
44 93.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.380 min Scan# 228
Delta R.T. 0.005 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

Tgt Ion: 112 Resp: 8108
Ion Ratio Lower Upper
112 100
64 57.0 39.0 58.6
63 28.4 20.6 30.8

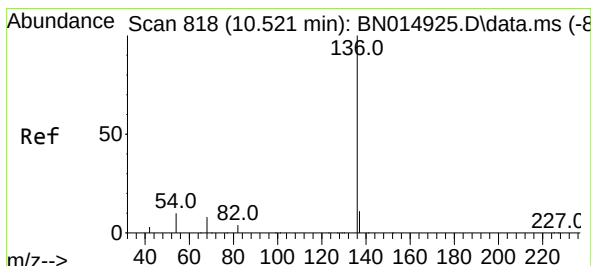
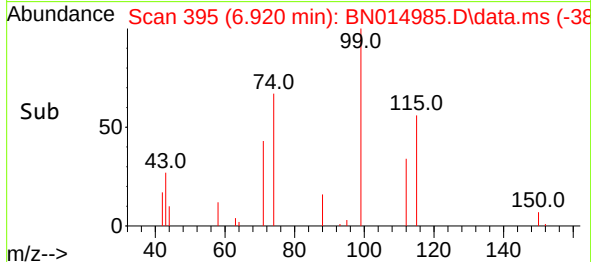
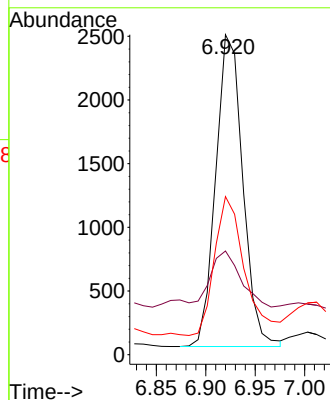
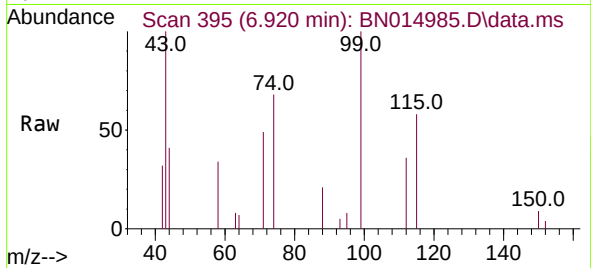




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.920 min Scan# 395
Delta R.T. -0.004 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

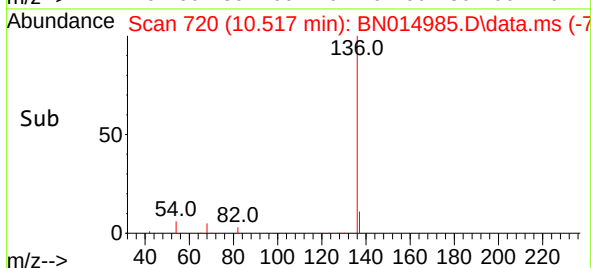
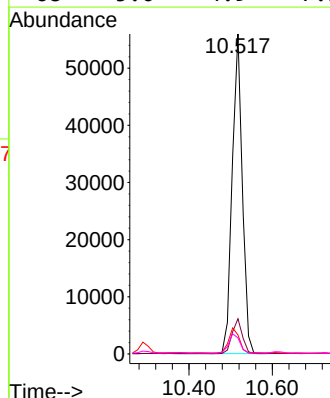
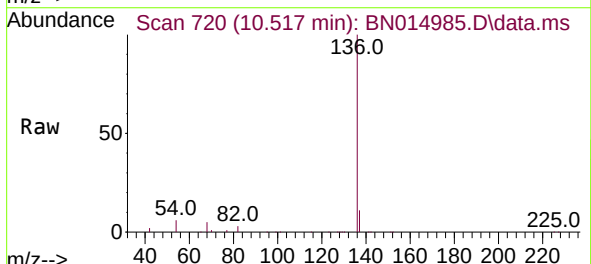
Instrument :
BNA_N
ClientSampleId :
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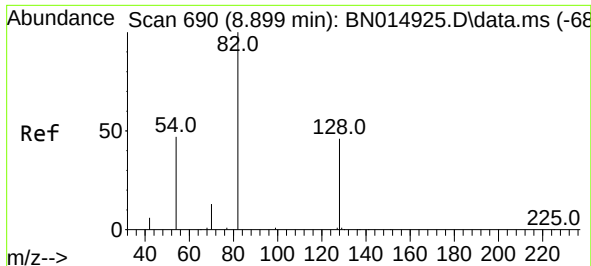
Tgt Ion: 99 Resp: 4668
Ion Ratio Lower Upper
99 100
42 22.0 8.9 13.3#
71 49.7 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.517 min Scan# 720
Delta R.T. -0.004 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

Tgt Ion: 136 Resp: 94076
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 5.9 5.4 8.2
68 5.0 4.9 7.3

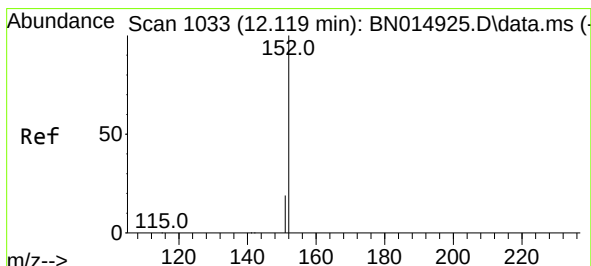
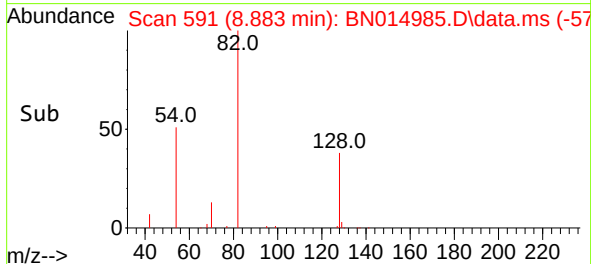
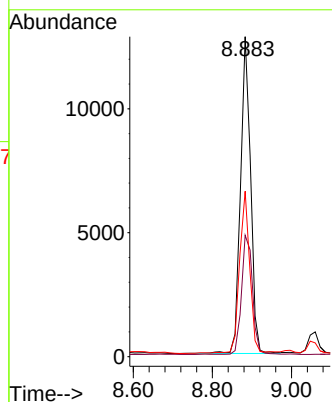
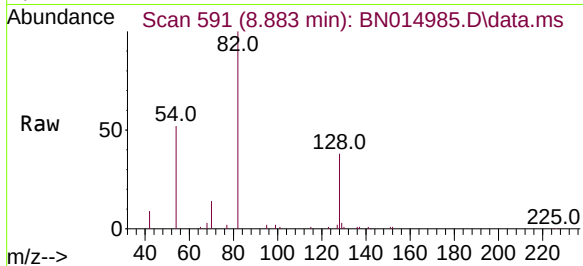




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.016 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

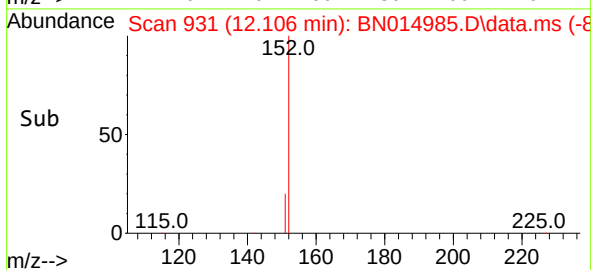
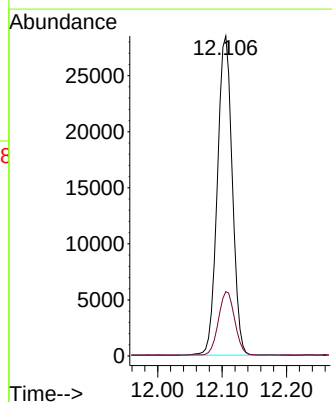
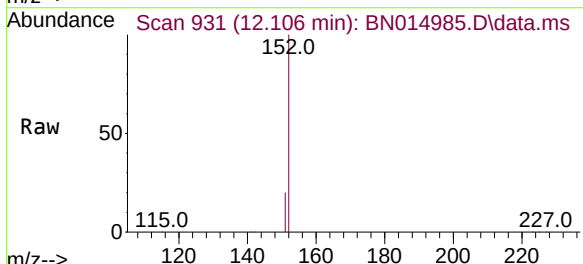
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ClientSampleId :
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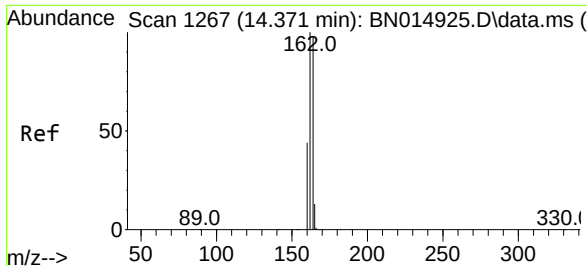
Tgt Ion: 82 Resp: 22600
Ion Ratio Lower Upper
82 100
128 38.0 31.6 47.4
54 51.7 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.106 min Scan# 931
Delta R.T. -0.013 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

Tgt Ion: 152 Resp: 45773
Ion Ratio Lower Upper
152 100
151 21.7 16.7 25.1

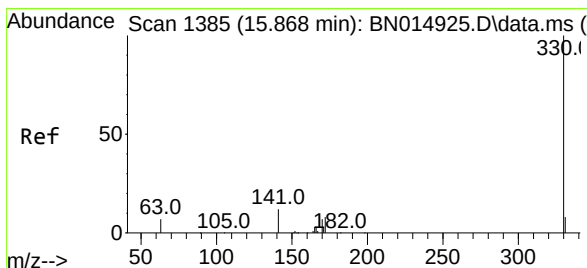
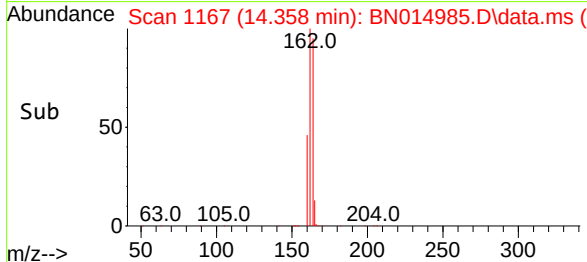
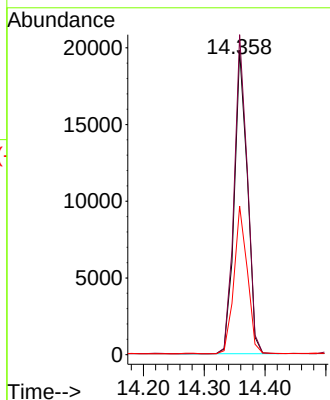
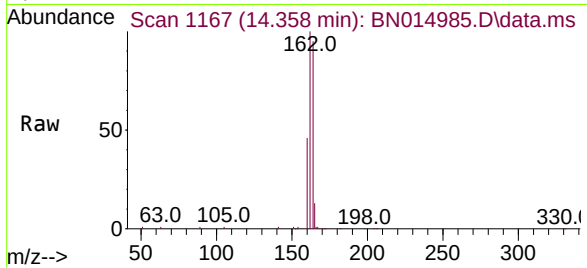




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.358 min Scan# 1167
Delta R.T. -0.013 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

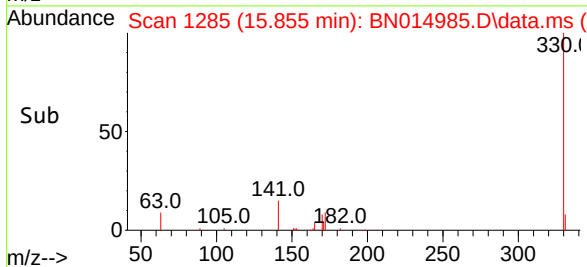
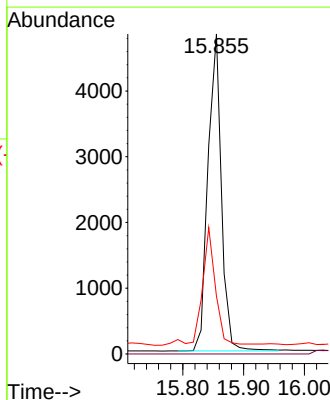
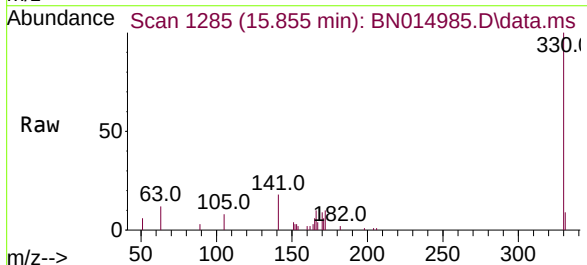
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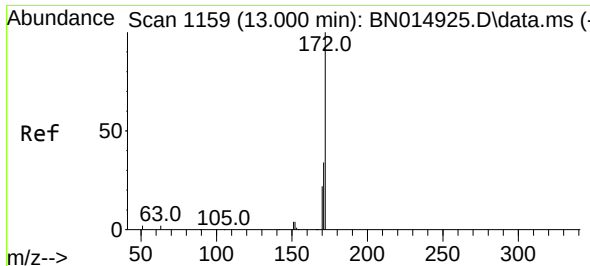
Tgt Ion:164 Resp: 29622
Ion Ratio Lower Upper
164 100
162 105.1 83.8 125.6
160 48.8 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.53 ng
RT: 15.855 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

Tgt Ion:330 Resp: 7408
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.8 22.4 33.6#

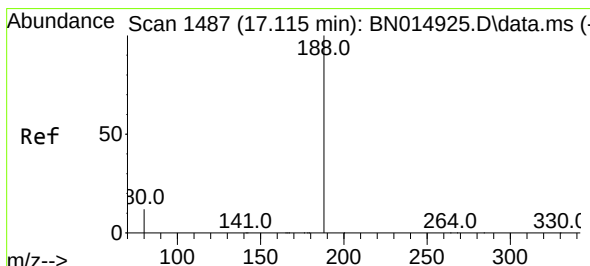
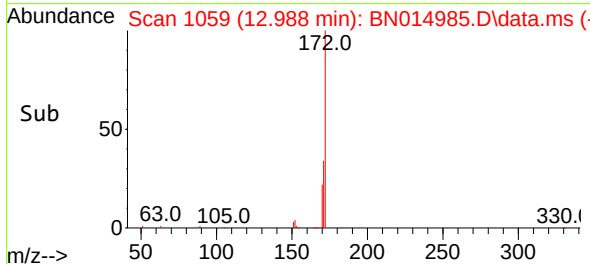
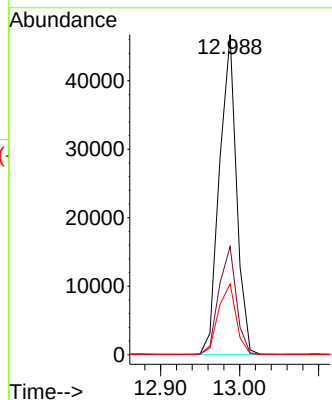
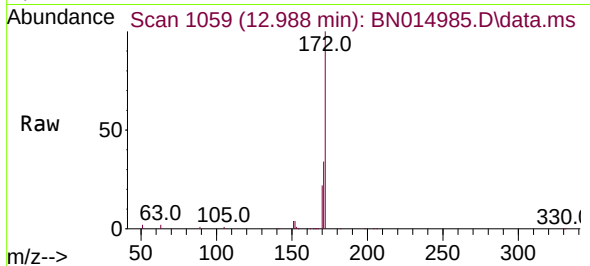




#15
2-Fluorobiphenyl
Concen: 0.62 ng
RT: 12.988 min Scan# 1059
Delta R.T. -0.013 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

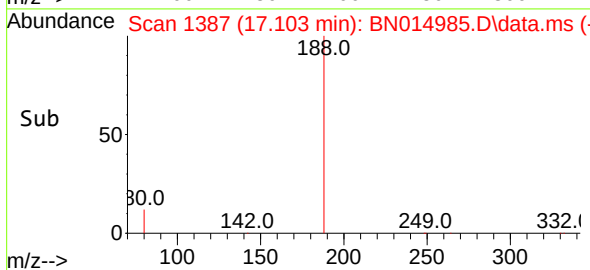
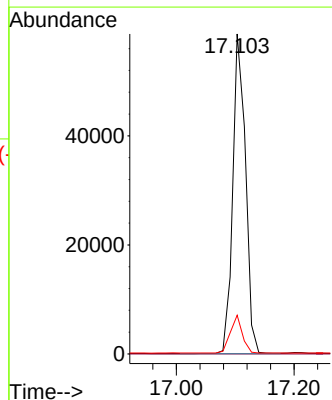
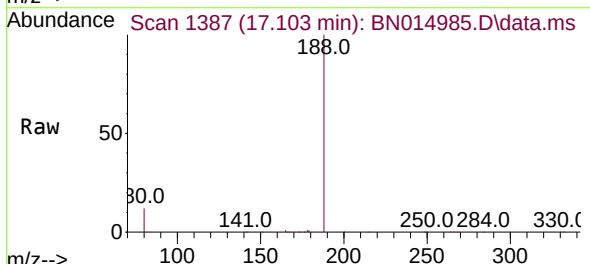
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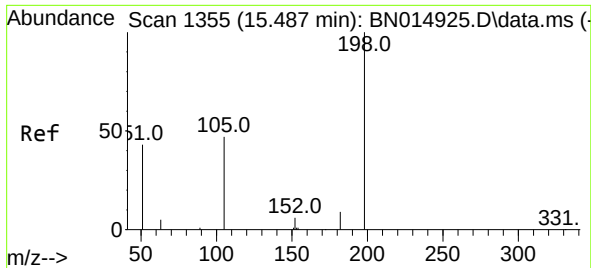
Tgt Ion:172 Resp: 70010
Ion Ratio Lower Upper
172 100
171 33.8 30.6 45.8
170 22.1 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.103 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

Tgt Ion:188 Resp: 88013
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 9.0 13.4

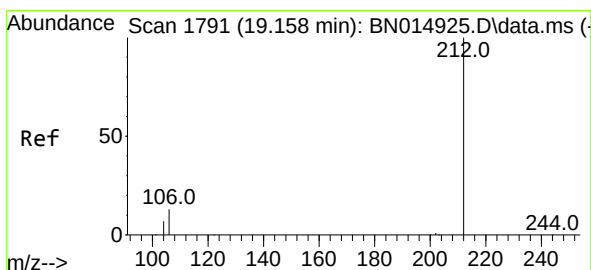
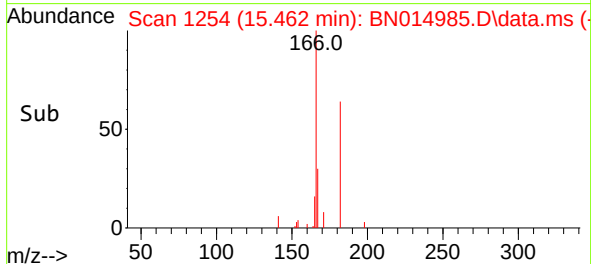
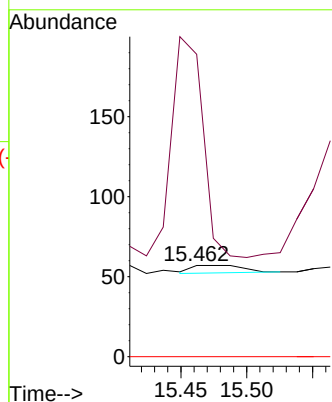
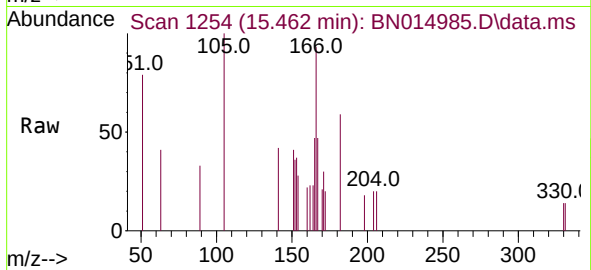




#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.11 ng
 RT: 15.462 min Scan# 1254
 Delta R.T. -0.025 min
 Lab File: BN014985.D
 Acq: 22 Jun 2021 22:04

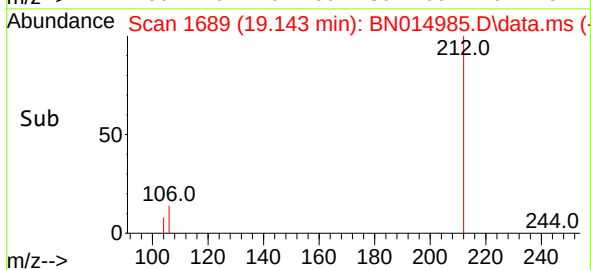
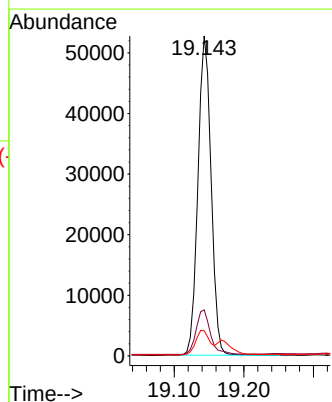
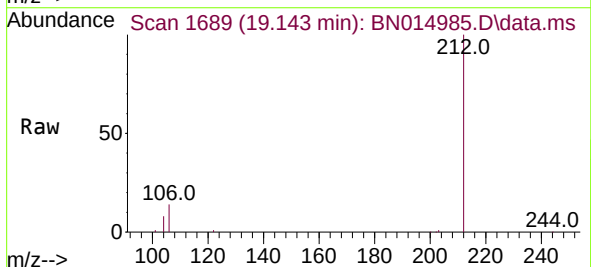
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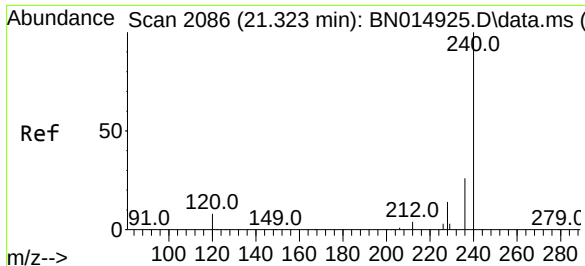
Tgt Ion:198 Resp: 13
 Ion Ratio Lower Upper
 198 100
 182 331.6 34.5 51.7#
 77 0.0 0.0 0.0



#27
 Fluoranthene-d10
 Concen: 0.25 ng
 RT: 19.143 min Scan# 1689
 Delta R.T. -0.015 min
 Lab File: BN014985.D
 Acq: 22 Jun 2021 22:04

Tgt Ion:212 Resp: 68948
 Ion Ratio Lower Upper
 212 100
 106 15.1 7.0 10.6#
 104 8.4 4.1 6.1#

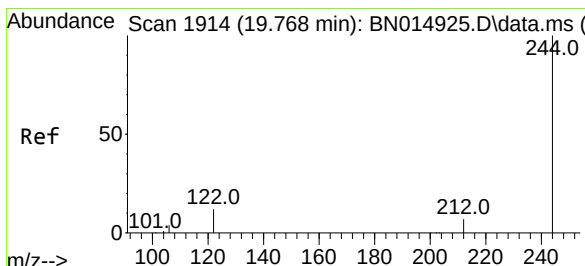
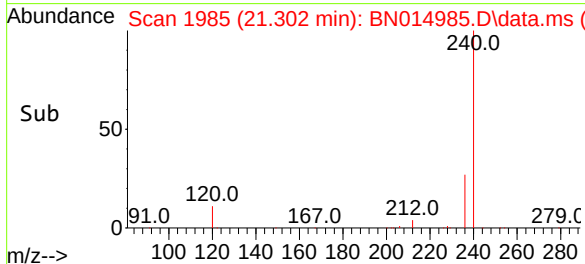
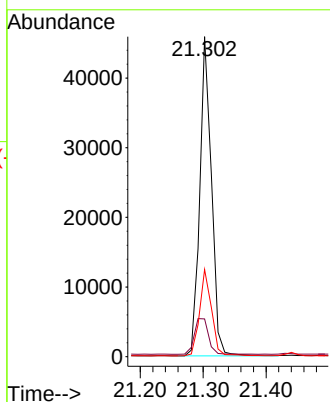
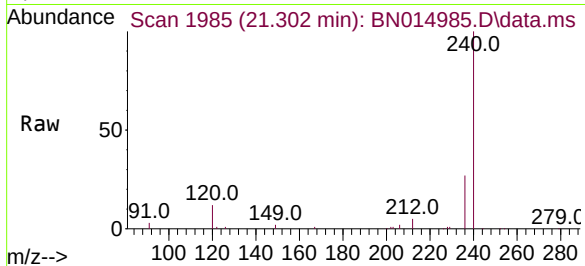




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.302 min Scan# 1985
Delta R.T. -0.021 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

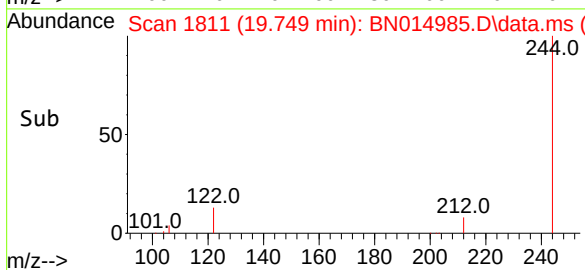
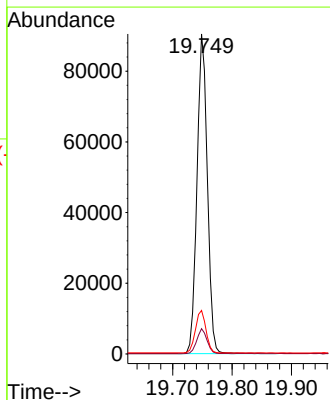
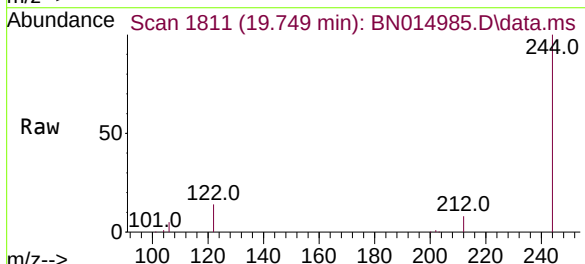
Instrument :
BNA_N
ClientSampleId :
MW178S-20210616

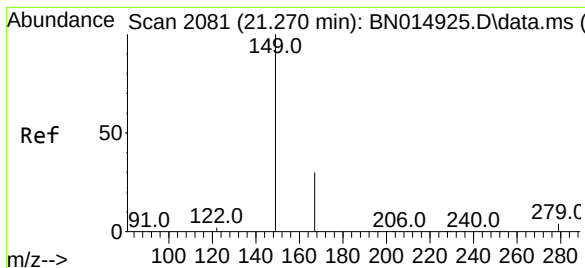
Tgt Ion:240 Resp: 59282
Ion Ratio Lower Upper
240 100
120 11.8 4.2 6.4#
236 27.3 21.4 32.2



#31
Terphenyl-d14
Concen: 0.75 ng
RT: 19.749 min Scan# 1811
Delta R.T. -0.020 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

Tgt Ion:244 Resp: 109663
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 13.6 6.2 9.2#

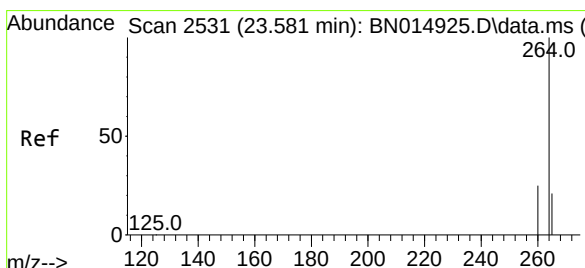
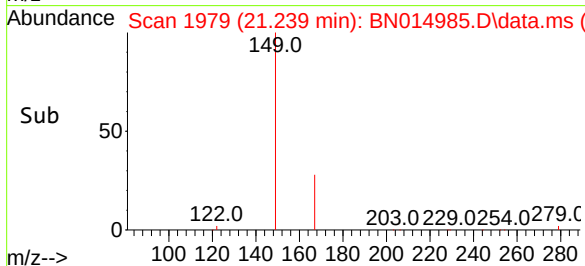
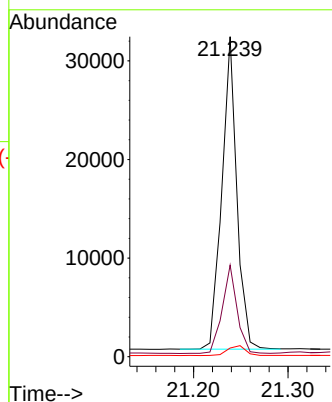
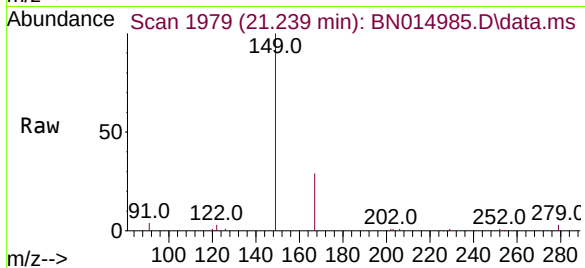




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.239 min Scan# 1979
 Delta R.T. -0.032 min
 Lab File: BN014985.D
 Acq: 22 Jun 2021 22:04

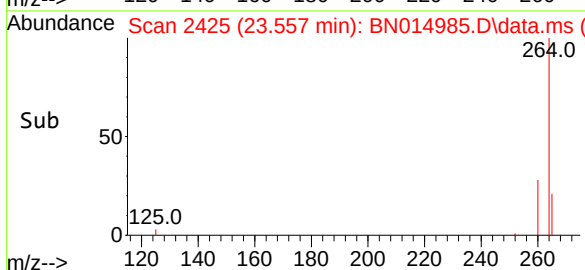
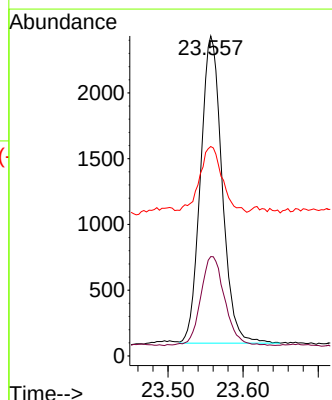
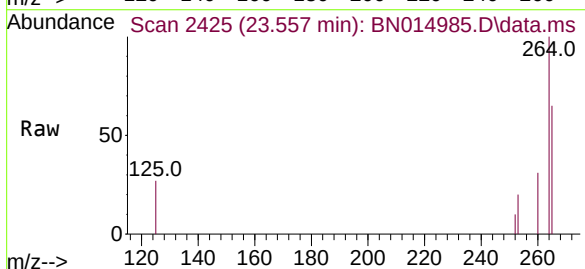
Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20210616

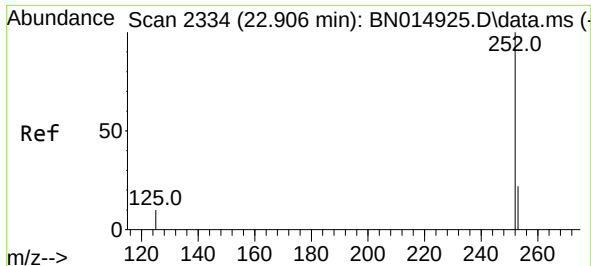
Tgt Ion:149 Resp: 34821
 Ion Ratio Lower Upper
 149 100
 167 28.1 28.9 43.3#
 279 3.8 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.557 min Scan# 2425
 Delta R.T. -0.024 min
 Lab File: BN014985.D
 Acq: 22 Jun 2021 22:04

Tgt Ion:264 Resp: 4681
 Ion Ratio Lower Upper
 264 100
 260 31.1 20.6 31.0#
 265 65.4 21.4 32.2#

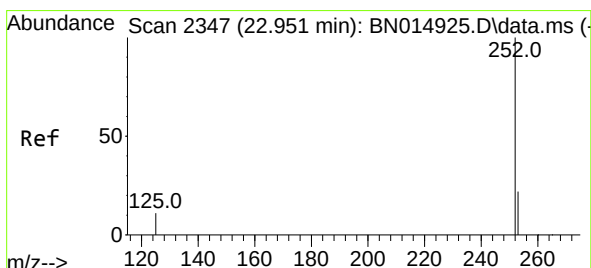
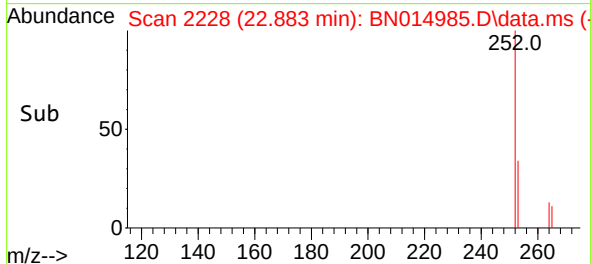
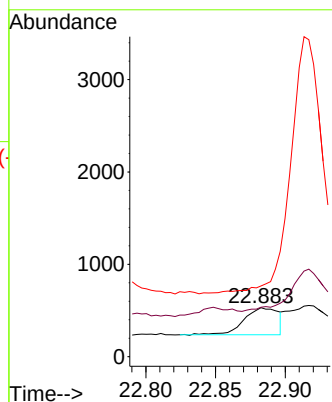
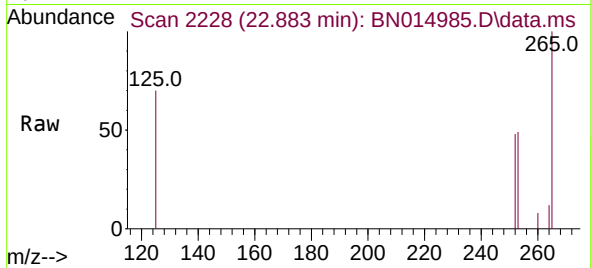




#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.883 min Scan# 2228
Delta R.T. -0.024 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

Instrument :
BNA_N
ClientSampleId :
MW178S-20210616

Tgt Ion:252 Resp: 501
Ion Ratio Lower Upper
252 100
253 100.8 18.5 27.7#
125 144.1 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.883 min Scan# 2228
Delta R.T. -0.068 min
Lab File: BN014985.D
Acq: 22 Jun 2021 22:04

Tgt Ion:252 Resp: 501
Ion Ratio Lower Upper
252 100
253 100.8 19.1 28.7#
125 144.1 5.4 8.0#

