

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062322\
 Data File : BN020375.D
 Acq On : 23 Jun 2022 16:02
 Operator : CG/JU
 Sample : N3387-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220616

Quant Time: Jun 23 16:36:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 15:57:15 2022
 Response via : Initial Calibration

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

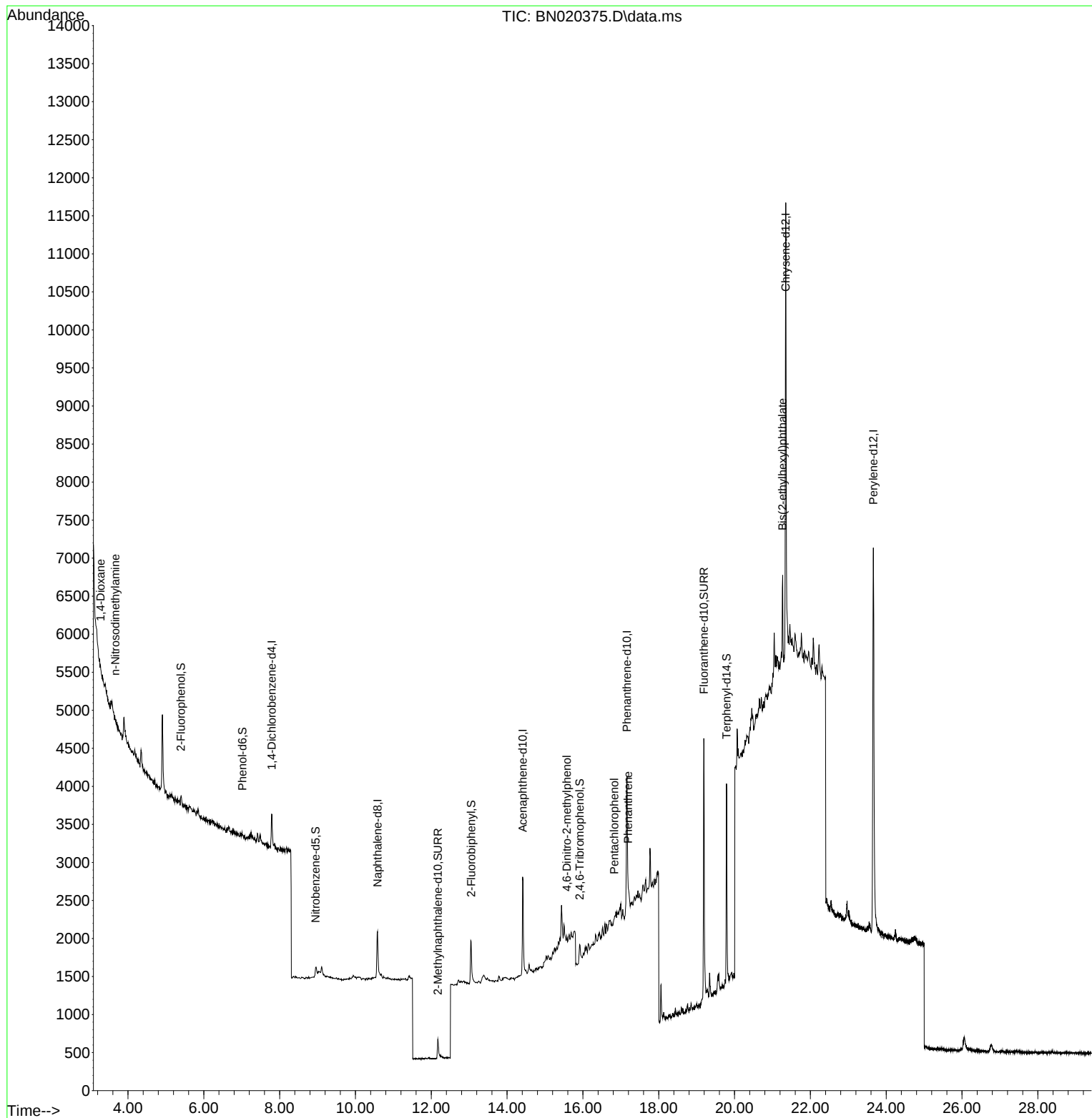
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	302	0.400	ng	# 0.00
7) Naphthalene-d8	10.584	136	1154	0.400	ng	# 0.00
13) Acenaphthene-d10	14.410	164	986	0.400	ng	-0.01
19) Phenanthrene-d10	17.164	188	3104	0.400	ng	# 0.00
29) Chrysene-d12	21.351	240	6506	0.400	ng	0.00
35) Perylene-d12	23.662	264	8631	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	114	0.129	ng	0.00
5) Phenol-d6	7.017	99	105	0.092	ng	0.00
8) Nitrobenzene-d5	8.950	82	211	0.262	ng	-0.01
11) 2-Methylnaphthalene-d10	12.174	152	529	0.247	ng	0.00
14) 2,4,6-Tribromophenol	15.913	330	153	0.327	ng	0.00
15) 2-Fluorobiphenyl	13.052	172	753	0.213	ng	0.00
27) Fluoranthene-d10	19.190	212	4208	0.387	ng	0.00
31) Terphenyl-d14	19.788	244	3368	0.260	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.276	88	50	0.073	ng	# 14
3) n-Nitrosodimethylamine	3.666	42	36	0.114	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.575	198	4	0.120	ng	# 1
24) Pentachlorophenol	16.826	266	52	0.061	ng	# 84
25) Phenanthrene	17.195	178	236	0.022	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.270	149	1255	0.117	ng	# 98

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

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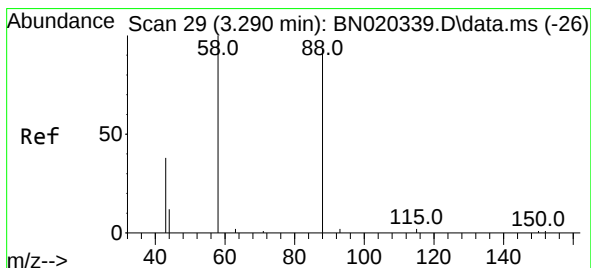
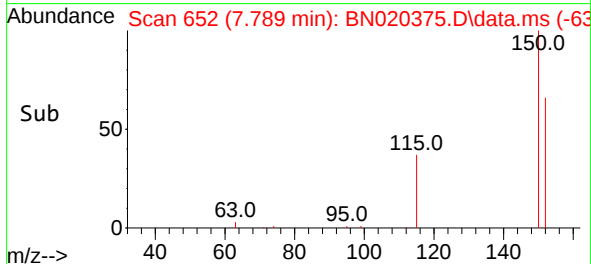
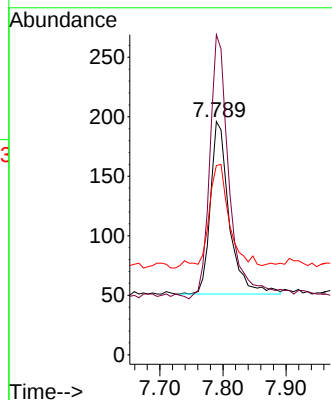
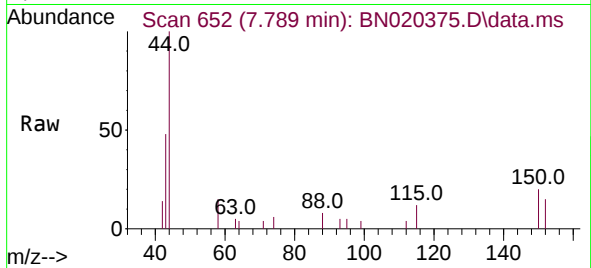




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN020375.D
 Acq: 23 Jun 2022 16:02

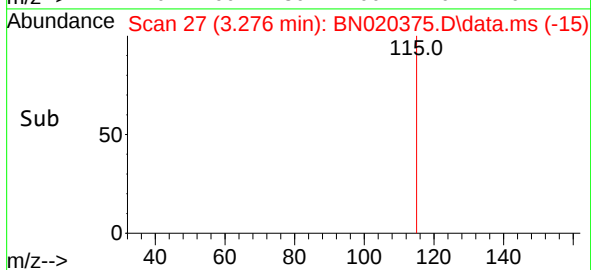
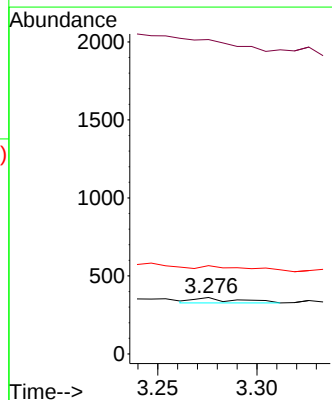
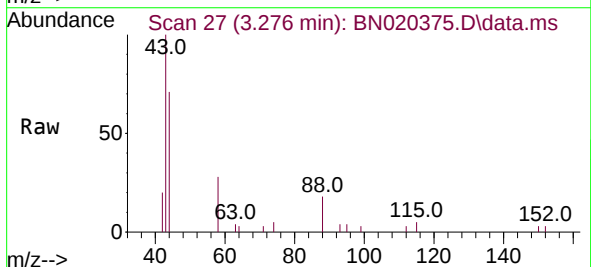
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220616

Tgt Ion:152 Resp: 302
 Ion Ratio Lower Upper
 152 100
 150 137.2 127.9 191.9
 115 81.1 51.4 77.2#



#2
 1,4-Dioxane
 Concen: 0.073 ng
 RT: 3.276 min Scan# 27
 Delta R.T. -0.014 min
 Lab File: BN020375.D
 Acq: 23 Jun 2022 16:02

Tgt Ion: 88 Resp: 50
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.2 45.2#
 58 0.0 73.0 109.6#

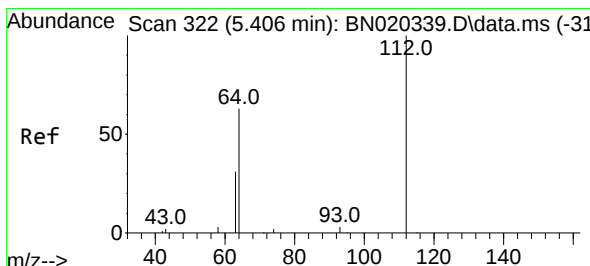
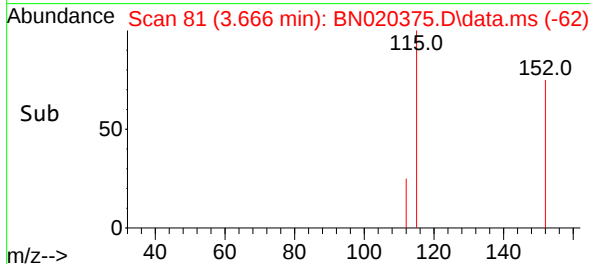
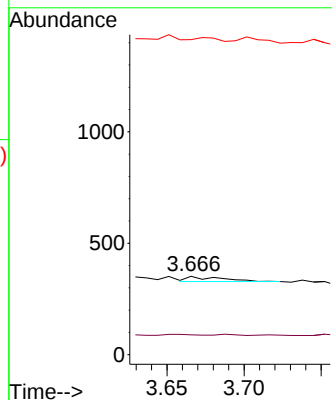
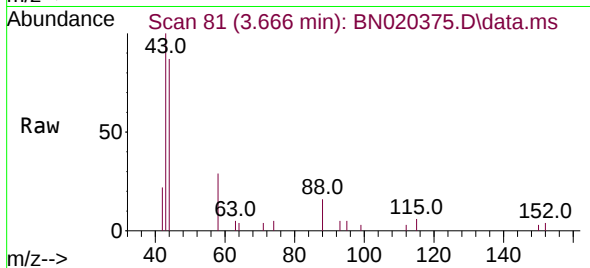




#3
n-Nitrosodimethylamine
Concen: 0.114 ng
RT: 3.666 min Scan# 81
Delta R.T. 0.036 min
Lab File: BN020375.D
Acq: 23 Jun 2022 16:02

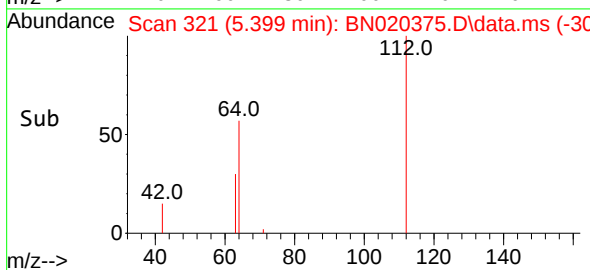
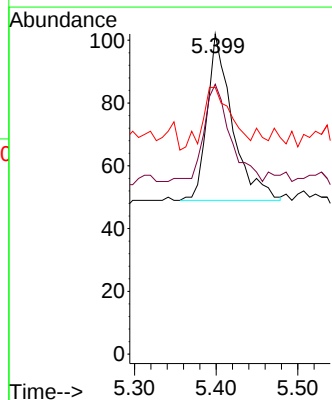
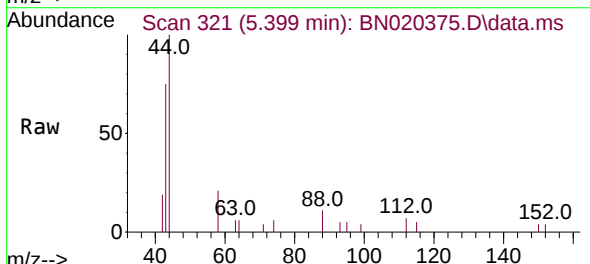
Instrument :
BNA_N
ClientSampleId :
SP-303-20220616

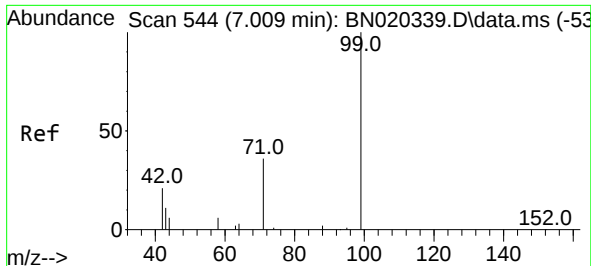
Tgt Ion: 42 Resp: 36
Ion Ratio Lower Upper
42 100
74 0.0 84.0 126.0#
44 41.7 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN020375.D
Acq: 23 Jun 2022 16:02

Tgt Ion: 112 Resp: 114
Ion Ratio Lower Upper
112 100
64 60.5 49.1 73.7
63 38.6 26.3 39.5

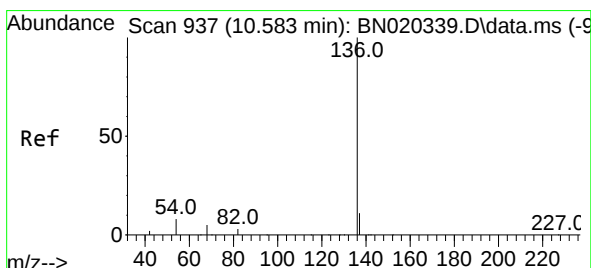
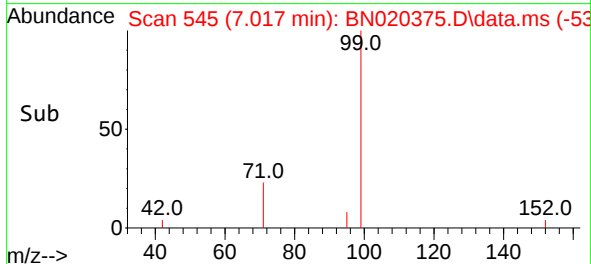
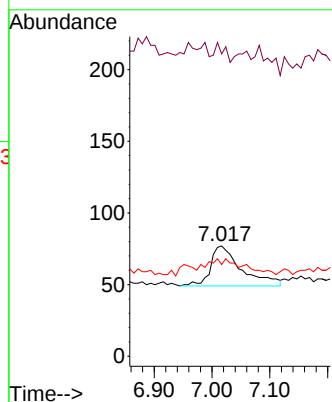
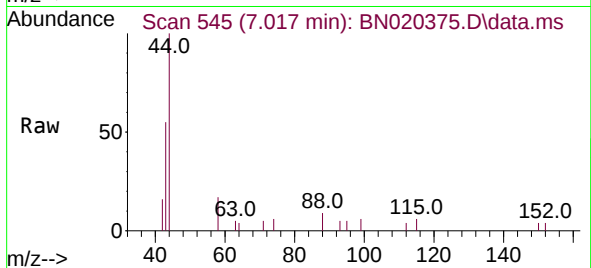




#5
Phenol-d6
Concen: 0.092 ng
RT: 7.017 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN020375.D
Acq: 23 Jun 2022 16:02

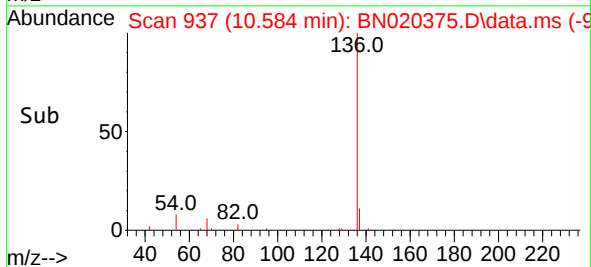
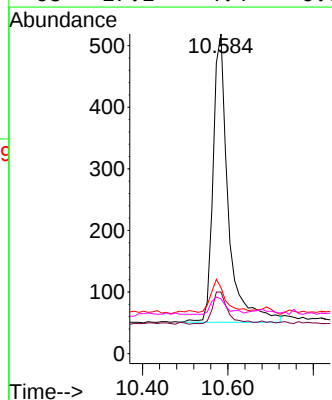
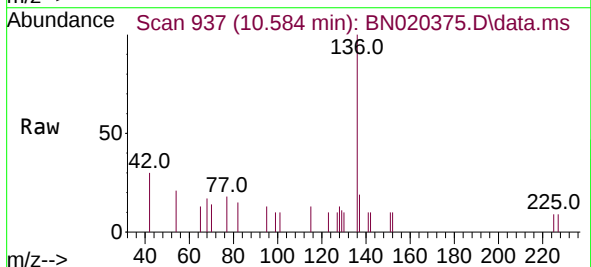
Instrument :
BNA_N
ClientSampleId :
SP-303-20220616

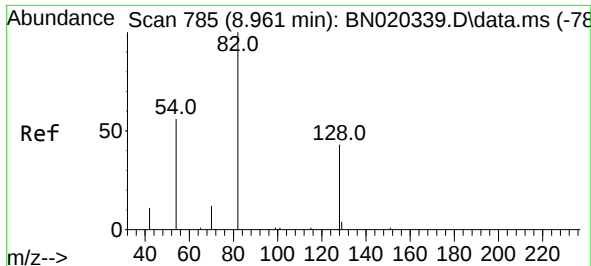
Tgt Ion: 99 Resp: 105
Ion Ratio Lower Upper
99 100
42 12.4 19.3 28.9#
71 12.4 27.5 41.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN020375.D
Acq: 23 Jun 2022 16:02

Tgt Ion: 136 Resp: 1154
Ion Ratio Lower Upper
136 100
137 19.3 9.0 13.6#
54 20.6 6.2 9.2#
68 17.1 4.4 6.6#

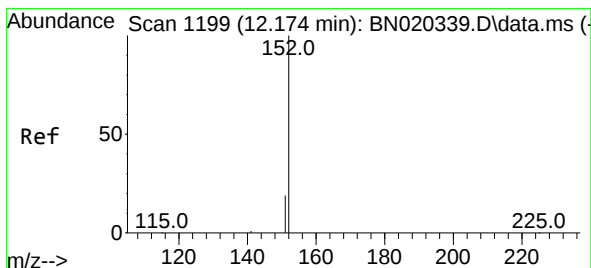
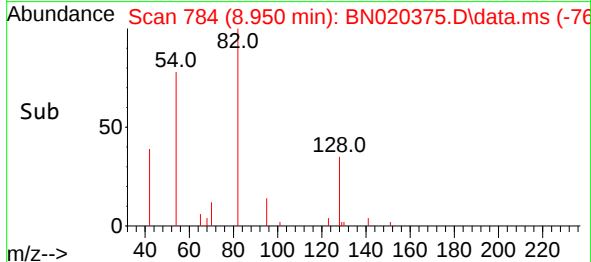
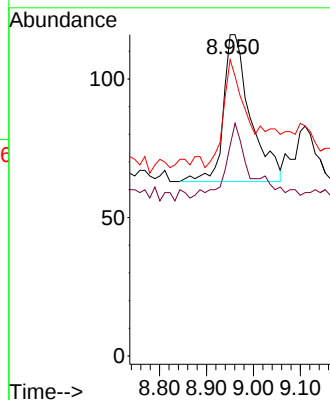
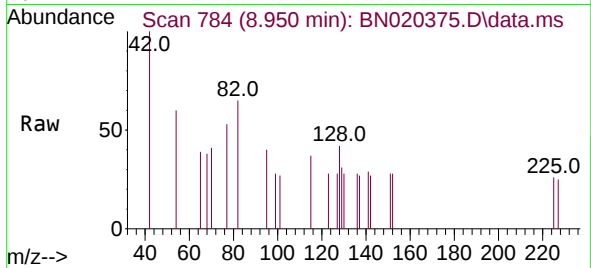




#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 8.950 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN020375.D
Acq: 23 Jun 2022 16:02

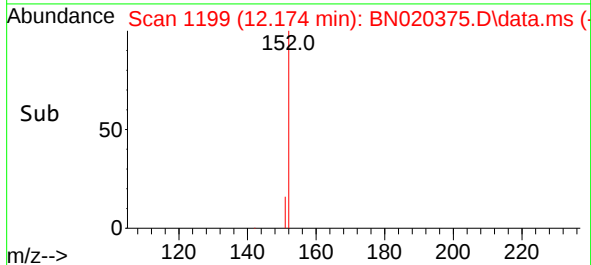
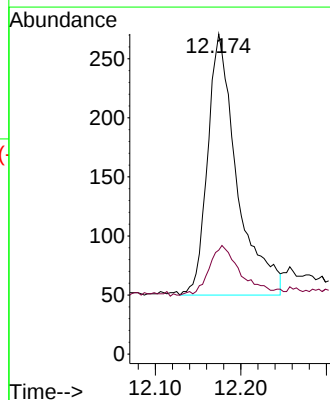
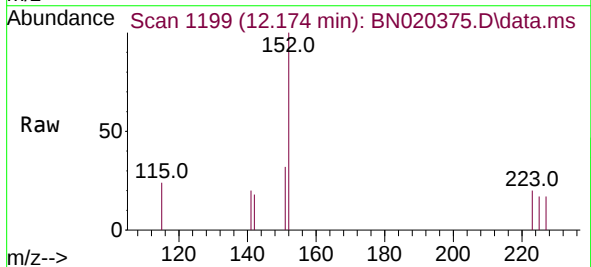
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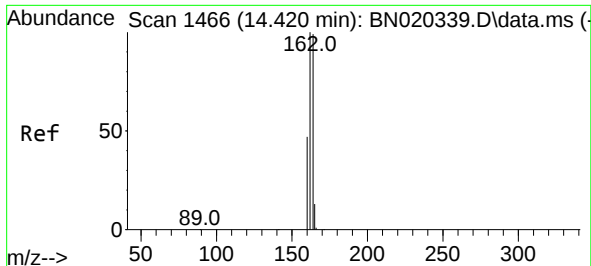
Tgt Ion: 82 Resp: 211
Ion Ratio Lower Upper
82 100
128 65.5 35.0 52.6#
54 92.2 46.2 69.4#



#11
2-Methylnaphthalene-d10
Concen: 0.247 ng
RT: 12.174 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN020375.D
Acq: 23 Jun 2022 16:02

Tgt Ion: 152 Resp: 529
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4

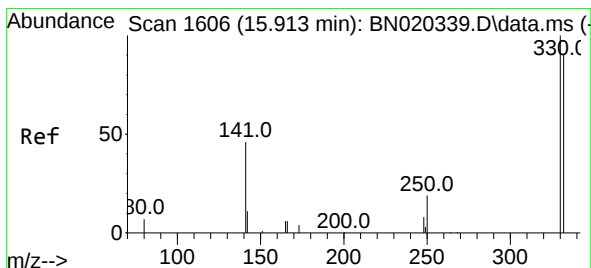
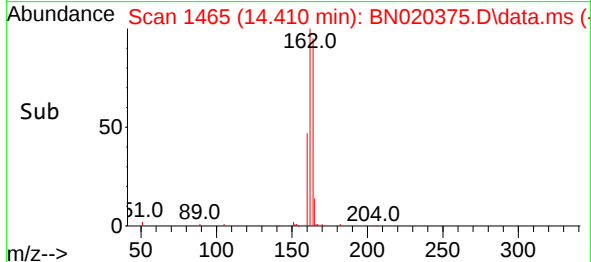
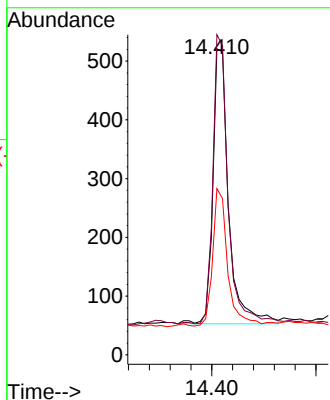
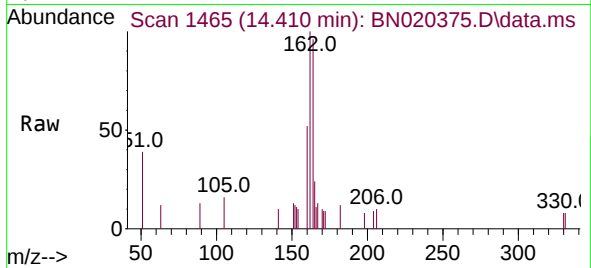




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.410 min Scan# 1466
 Delta R.T. -0.011 min
 Lab File: BN020375.D
 Acq: 23 Jun 2022 16:02

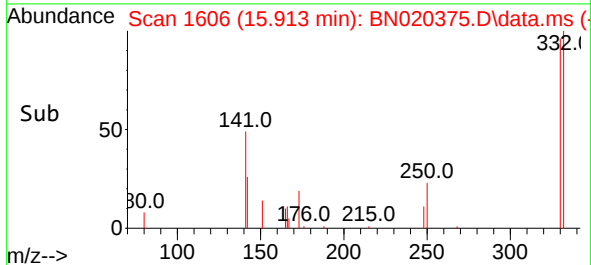
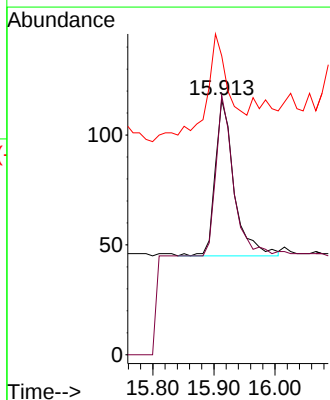
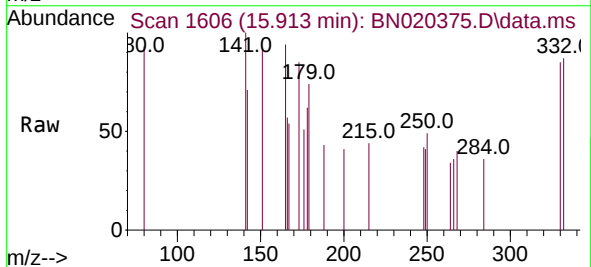
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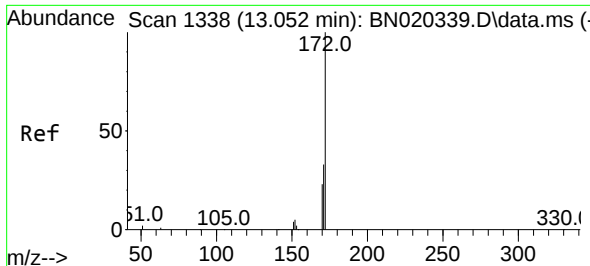
Tgt Ion:164 Resp: 986
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.1 123.1
 160 54.3 38.6 58.0



#14
 2,4,6-Tribromophenol
 Concen: 0.327 ng
 RT: 15.913 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BN020375.D
 Acq: 23 Jun 2022 16:02

Tgt Ion:330 Resp: 153
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.6 116.4
 141 65.4 41.0 61.4#

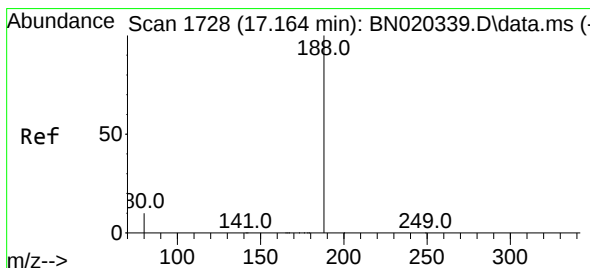
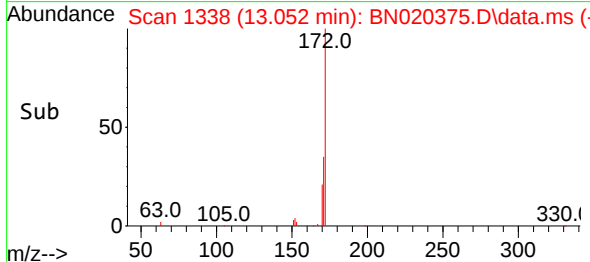
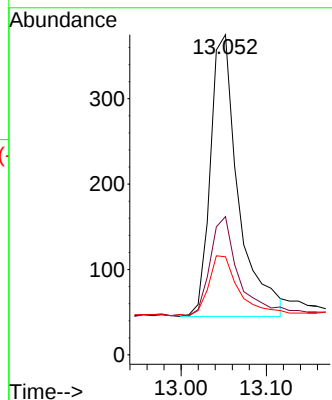
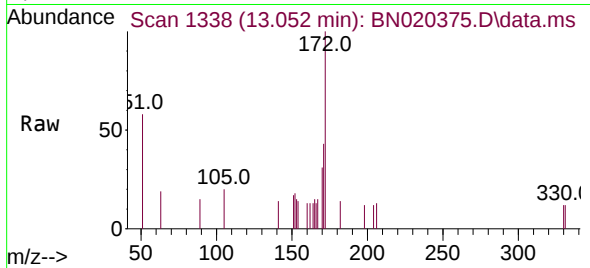




#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 13.052 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020375.D
Acq: 23 Jun 2022 16:02

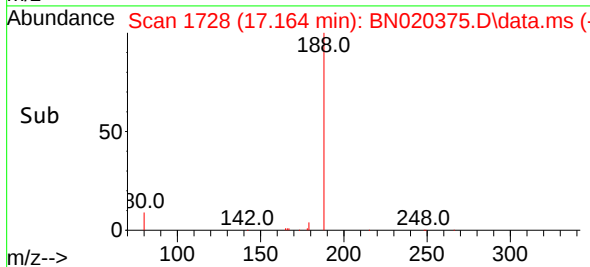
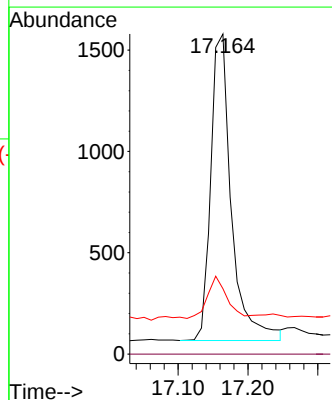
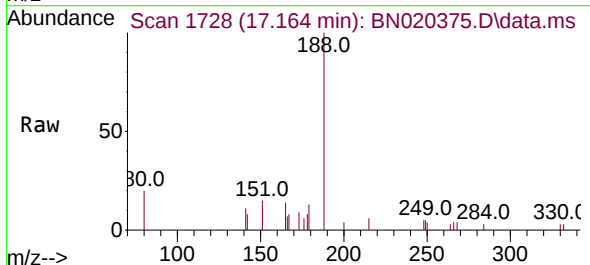
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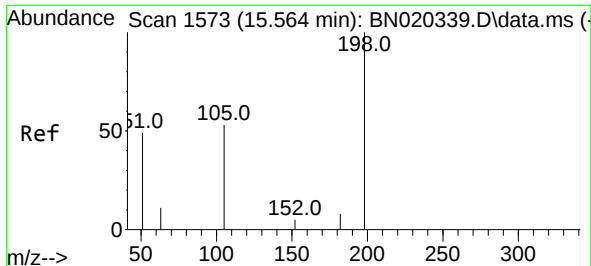
Tgt Ion:172 Resp: 753
Ion Ratio Lower Upper
172 100
171 43.2 27.2 40.8#
170 30.7 18.2 27.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN020375.D
Acq: 23 Jun 2022 16:02

Tgt Ion:188 Resp: 3104
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 20.4 7.4 11.2#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.120 ng

RT: 15.575 min Scan# 1574

Delta R.T. 0.011 min

Lab File: BN020375.D

Acq: 23 Jun 2022 16:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20220616

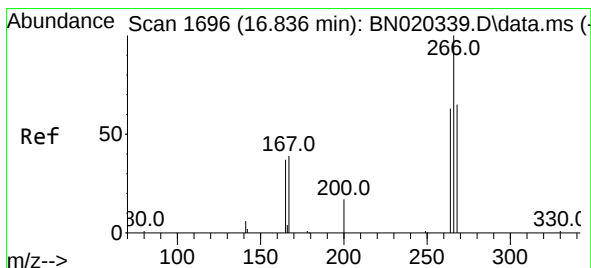
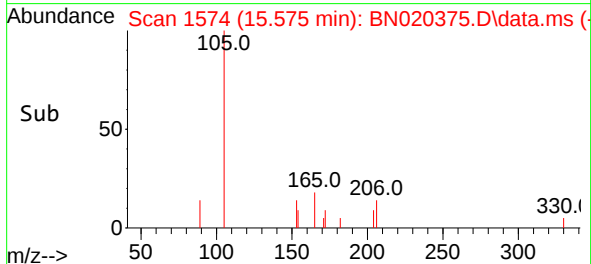
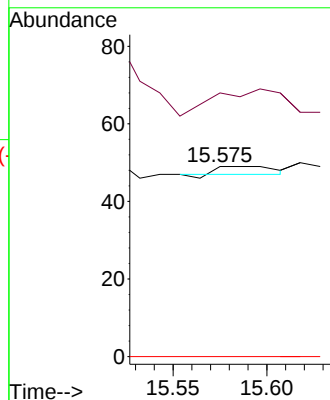
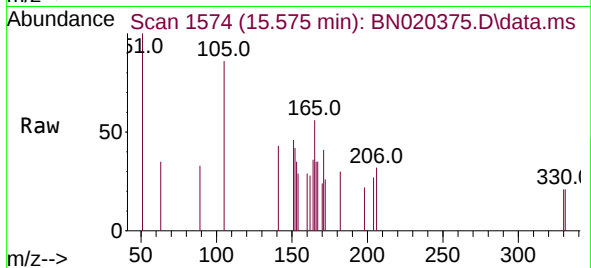
Tgt Ion:198 Resp: 4

Ion Ratio Lower Upper

198 100

182 138.8 12.1 18.1#

77 0.0 0.0 0.0



#24

Pentachlorophenol

Concen: 0.061 ng

RT: 16.826 min Scan# 1695

Delta R.T. -0.010 min

Lab File: BN020375.D

Acq: 23 Jun 2022 16:02

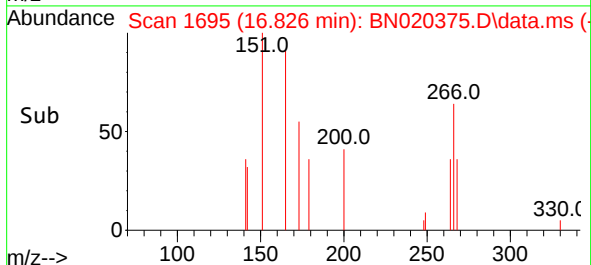
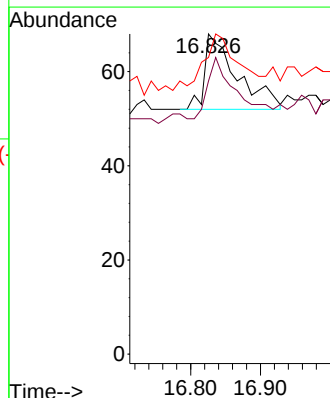
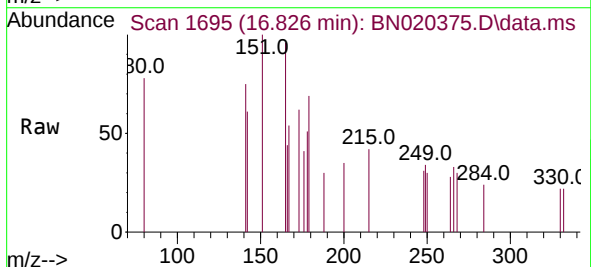
Tgt Ion:266 Resp: 52

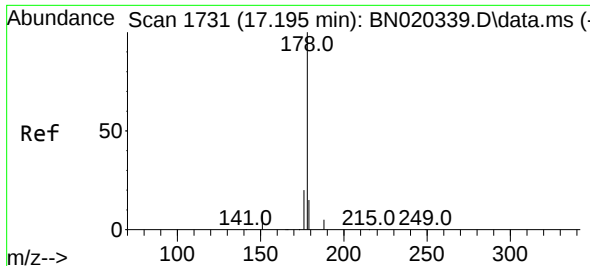
Ion Ratio Lower Upper

266 100

264 76.9 51.3 76.9#

268 78.8 52.6 79.0

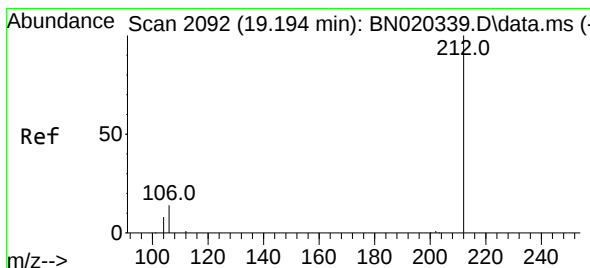
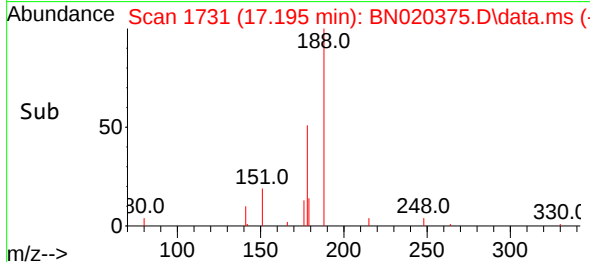
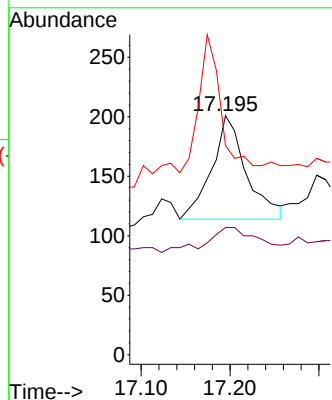
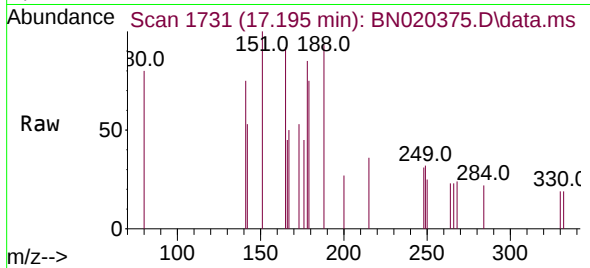




#25
Phenanthrene
Concen: 0.022 ng
RT: 17.195 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN020375.D
Acq: 23 Jun 2022 16:02

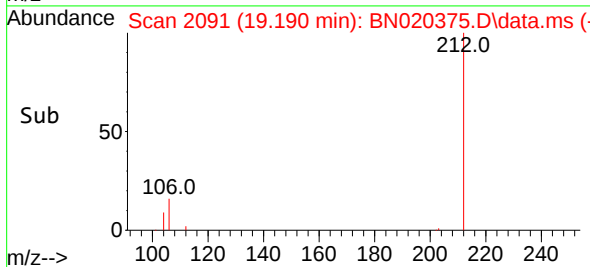
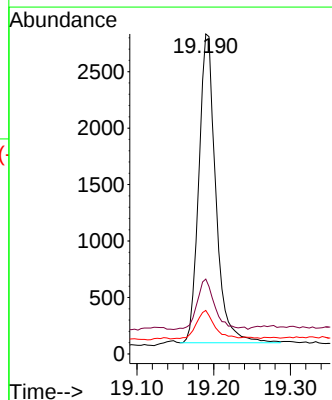
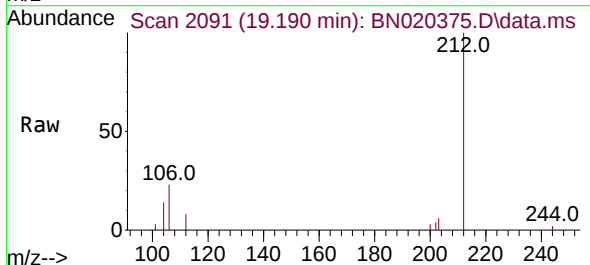
Instrument :
BNA_N
ClientSampleId :
SP-303-20220616

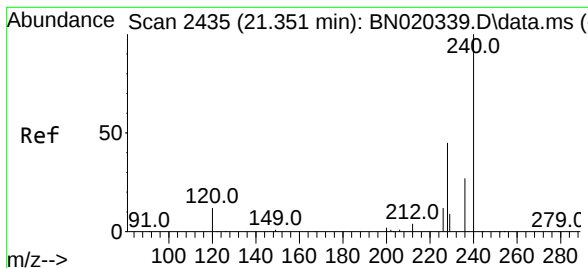
Tgt Ion:178 Resp: 236
Ion Ratio Lower Upper
178 100
176 35.2 15.3 22.9#
179 0.0 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.190 min Scan# 2091
Delta R.T. -0.004 min
Lab File: BN020375.D
Acq: 23 Jun 2022 16:02

Tgt Ion:212 Resp: 4208
Ion Ratio Lower Upper
212 100
106 16.8 12.6 19.0
104 10.0 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.351 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BN020375.D

Acq: 23 Jun 2022 16:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20220616

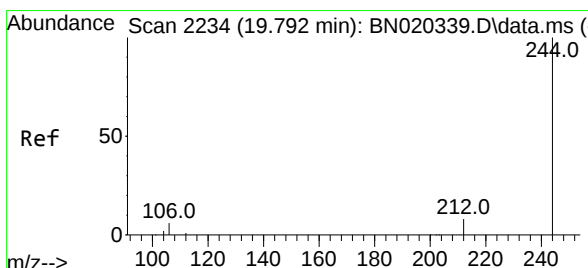
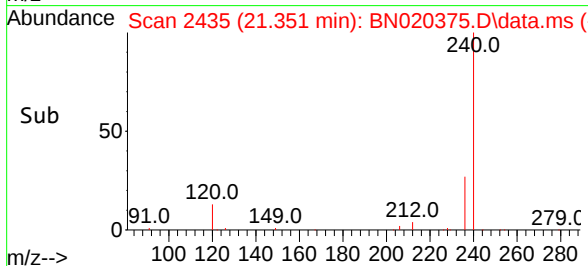
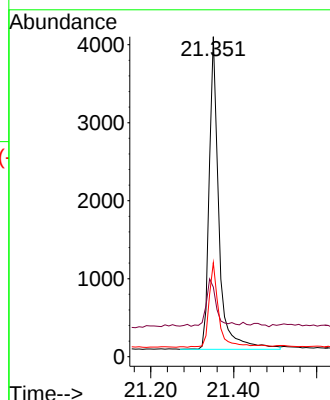
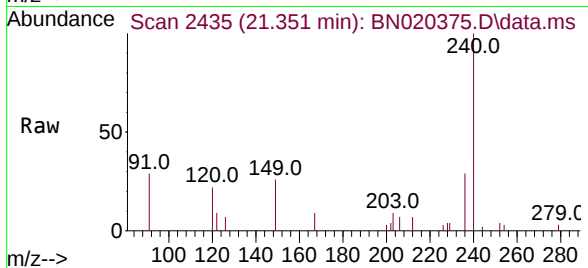
Tgt Ion:240 Resp: 6506

Ion Ratio Lower Upper

240 100

120 21.8 14.6 21.8

236 29.3 22.6 33.8



#31

Terphenyl-d14

Concen: 0.260 ng

RT: 19.788 min Scan# 2233

Delta R.T. -0.004 min

Lab File: BN020375.D

Acq: 23 Jun 2022 16:02

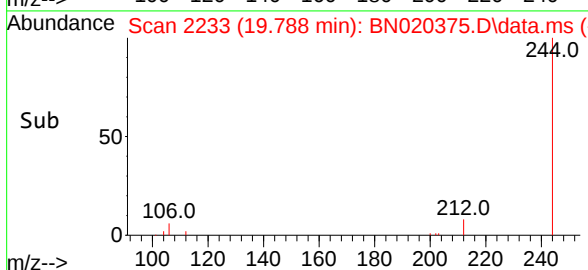
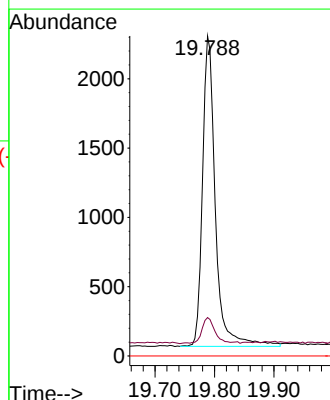
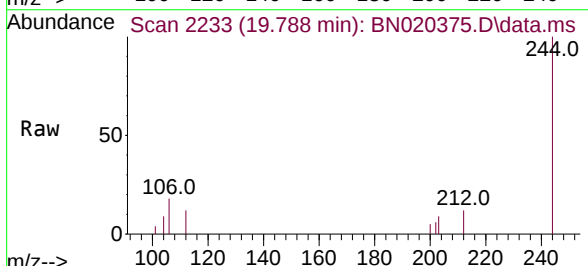
Tgt Ion:244 Resp: 3368

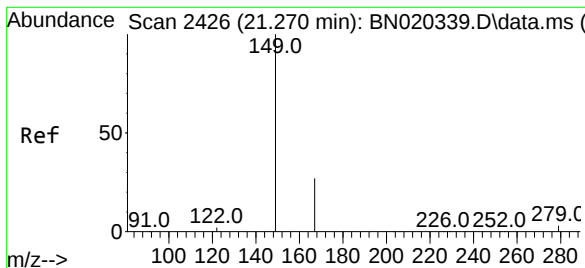
Ion Ratio Lower Upper

244 100

212 12.0 7.1 10.7#

122 0.0 0.0 0.0

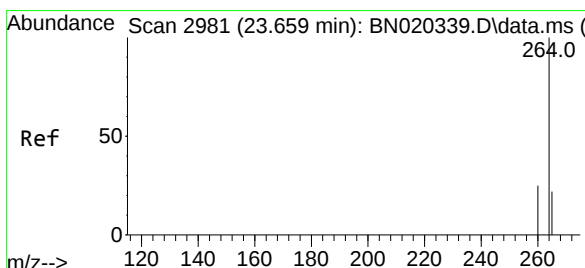
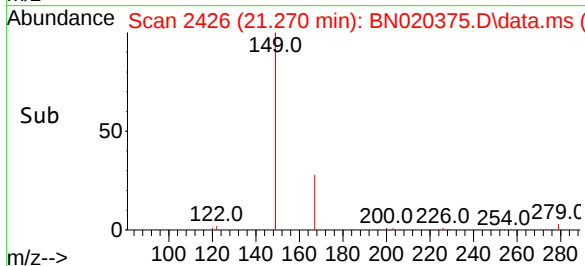
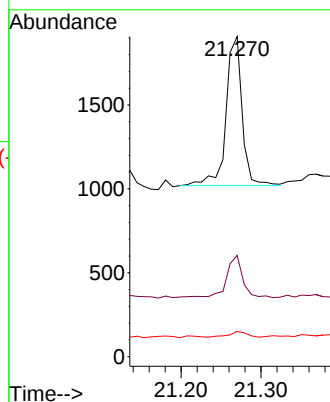
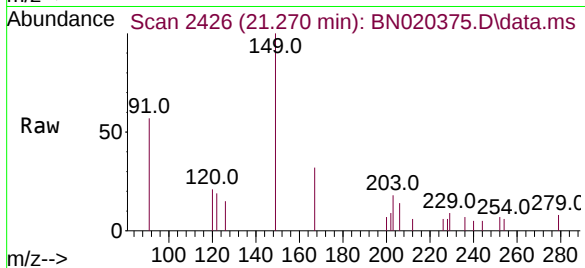




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 21.270 min Scan# 2426
 Delta R.T. 0.000 min
 Lab File: BN020375.D
 Acq: 23 Jun 2022 16:02

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220616

Tgt Ion:149 Resp: 1255
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.7 32.5
 279 4.1 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.662 min Scan# 2982
 Delta R.T. 0.003 min
 Lab File: BN020375.D
 Acq: 23 Jun 2022 16:02

Tgt Ion:264 Resp: 8631
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.9 31.3
 265 45.3 28.0 42.0#

