

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017924.D
 Acq On : 12 Dec 2021 03:29
 Operator : CG/JU
 Sample : M4956-21
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20211205

Quant Time: Dec 13 00:02:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

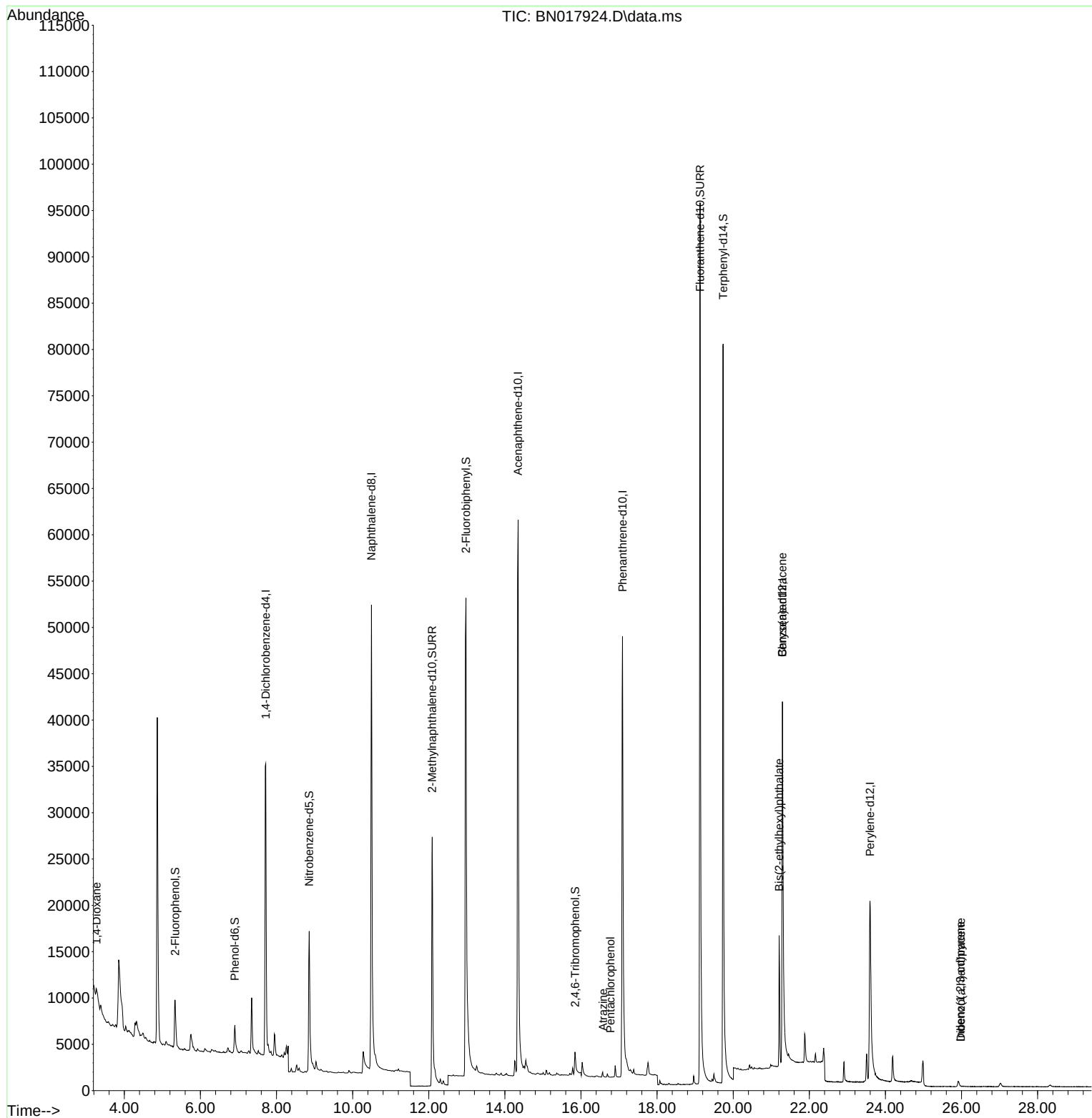
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20832	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	83476	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	51586	0.400	ng	0.01
19) Phenanthrene-d10	17.092	188	105131	0.400	ng	0.00
29) Chrysene-d12	21.293	240	67883	0.400	ng	0.00
35) Perylene-d12	23.596	264	44172	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6564	0.153	ng	0.00
5) Phenol-d6	6.903	99	3187	0.075	ng	0.00
8) Nitrobenzene-d5	8.859	82	18374	0.337	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	50160	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3528	0.458	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	72327	0.398	ng	0.01
27) Fluoranthene-d10	19.129	212	153506	0.450	ng	0.00
31) Terphenyl-d14	19.735	244	121128	0.724	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	763	0.121	ng	Qvalue # 69
20) 4,6-Dinitro-2-methylph...	15.514	198	5	Below Cal		81
23) Atrazine	16.581	200	15	0.092	ng	# 1
24) Pentachlorophenol	16.776	266	6	0.085	ng	# 55
32) Benzo(a)anthracene	21.293	228	467	0.052	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.208	149	14297	0.196	ng	100
36) Indeno(1,2,3-cd)pyrene	25.968	276	3	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.982	278	8	0.101	ng	# 1

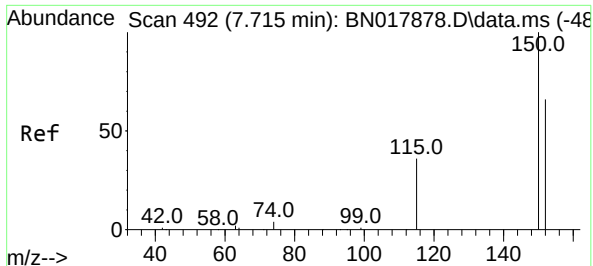
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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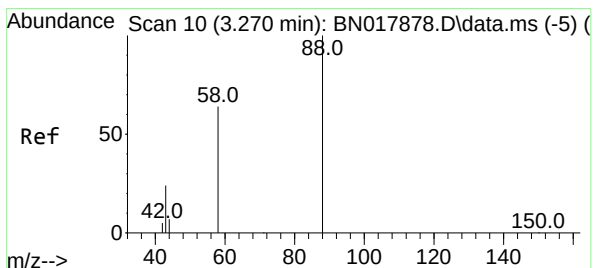
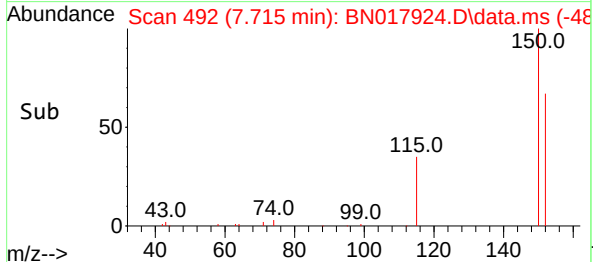
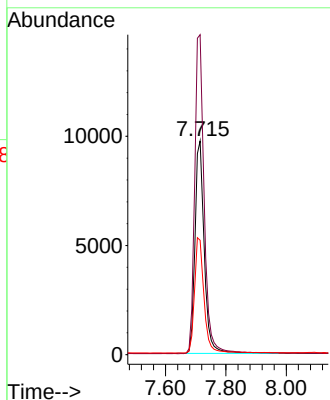
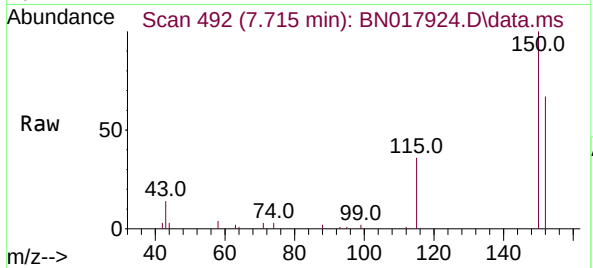




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017924.D
 Acq: 12 Dec 2021 03:29

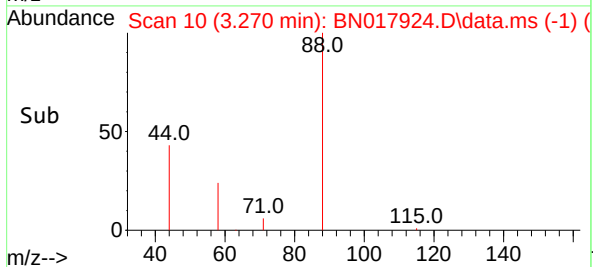
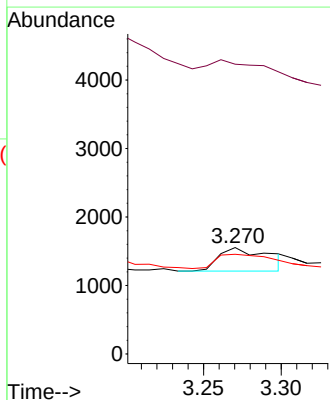
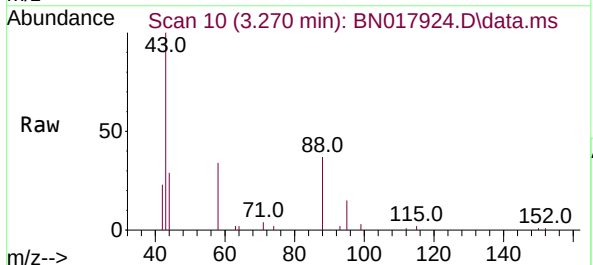
Instrument :
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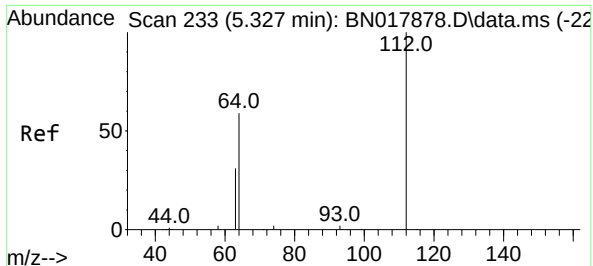
Tgt Ion:152 Resp: 20832
 Ion Ratio Lower Upper
 152 100
 150 149.7 121.9 182.9
 115 53.5 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.121 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017924.D
 Acq: 12 Dec 2021 03:29

Tgt Ion: 88 Resp: 763
 Ion Ratio Lower Upper
 88 100
 43 0.0 28.0 42.0#
 58 65.3 65.4 98.0#

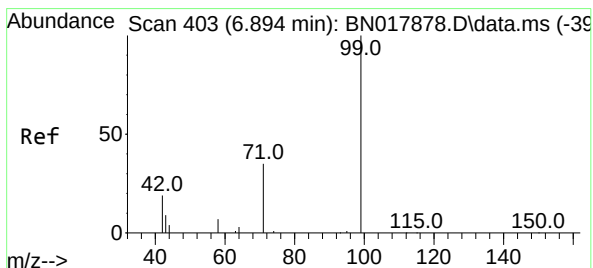
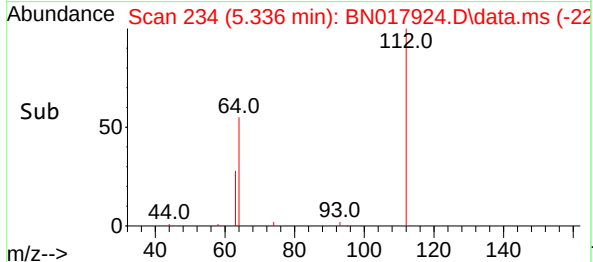
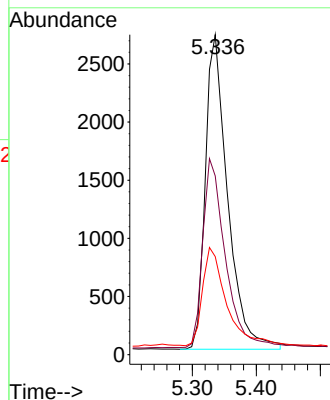
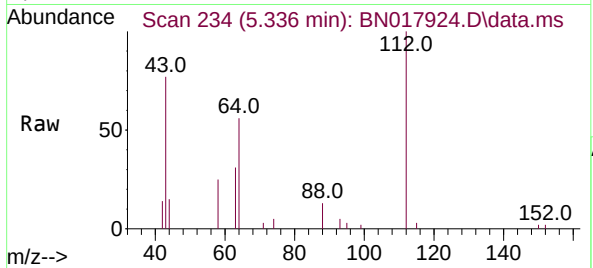




#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

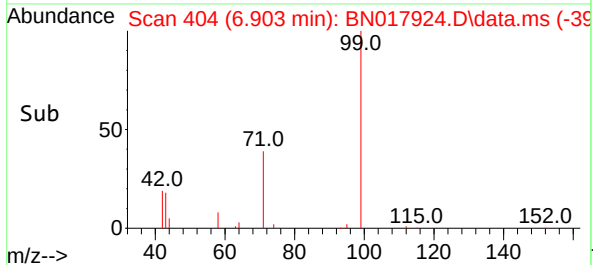
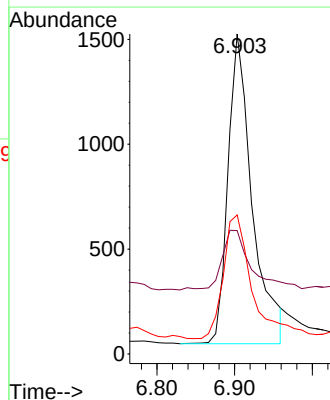
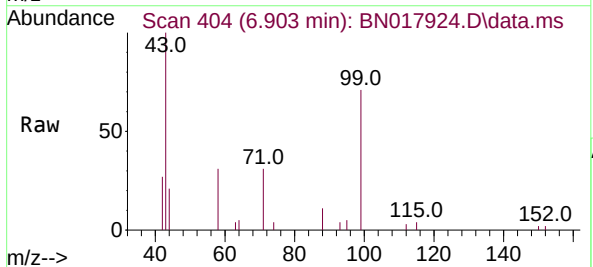
Instrument :
BNA_N
ClientSampleId :
MW201D1-20211205

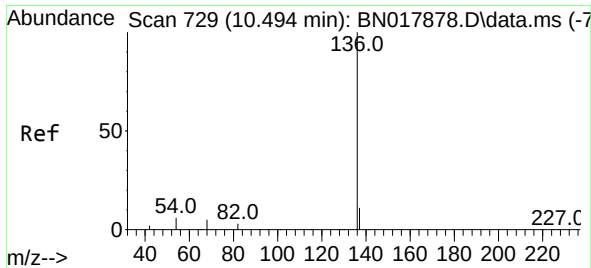
Tgt Ion:112 Resp: 6564
Ion Ratio Lower Upper
112 100
64 61.0 49.0 73.4
63 32.9 26.2 39.2



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

Tgt Ion: 99 Resp: 3187
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.4
71 45.2 28.0 42.0#

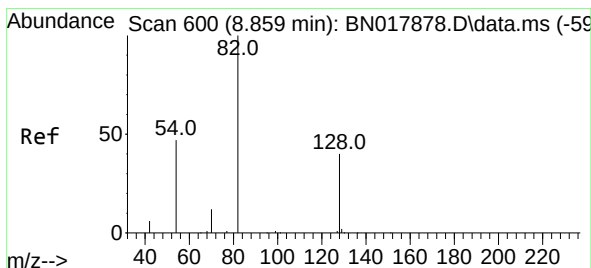
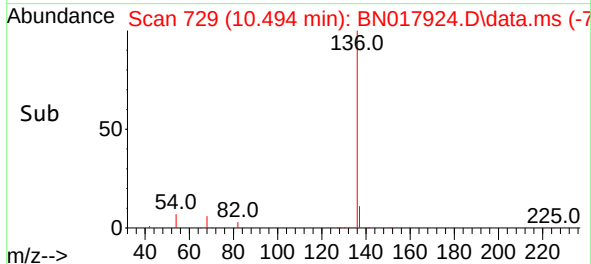
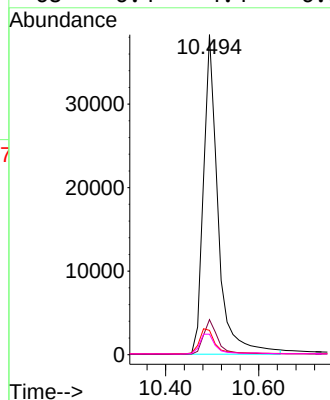
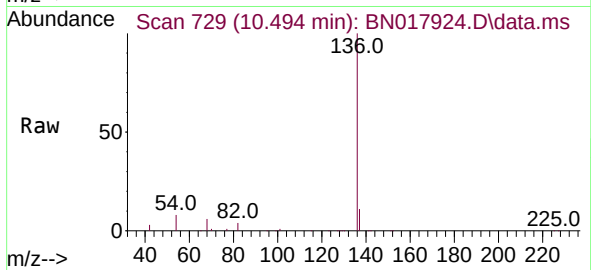




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

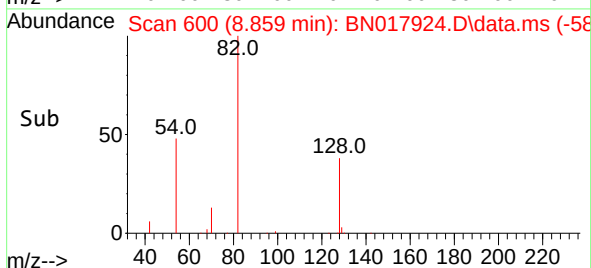
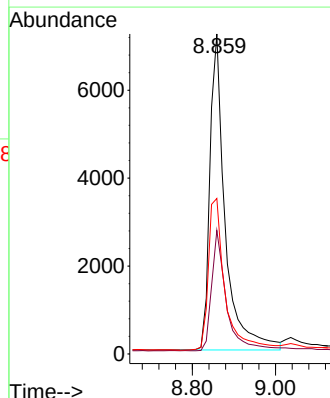
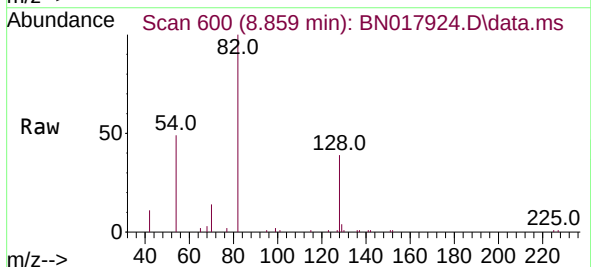
Instrument :
BNA_N
ClientSampleId :
MW201D1-20211205

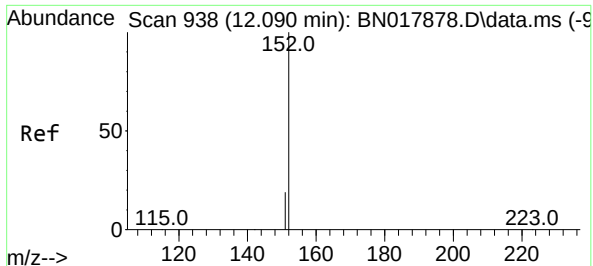
Tgt Ion:	136	Resp:	83476
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.6	5.1	7.7
68	6.4	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

Tgt Ion:	82	Resp:	18374
Ion Ratio	Lower	Upper	
82	100		
128	38.6	32.2	48.4
54	48.6	37.6	56.4





#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 12.090 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017924.D

Acq: 12 Dec 2021 03:29

Instrument :

BNA_N

ClientSampleId :

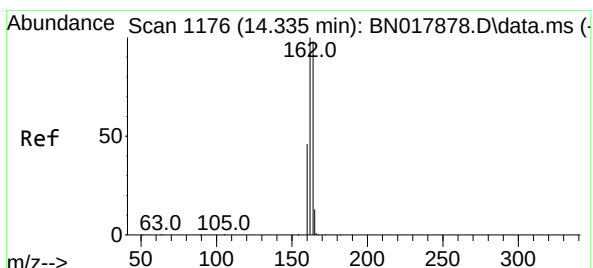
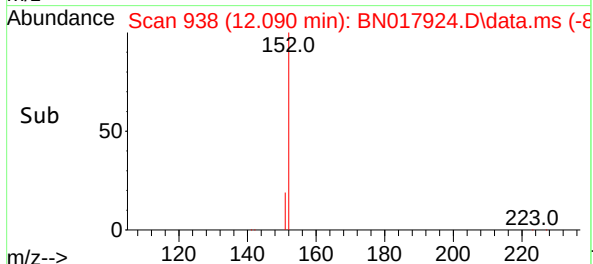
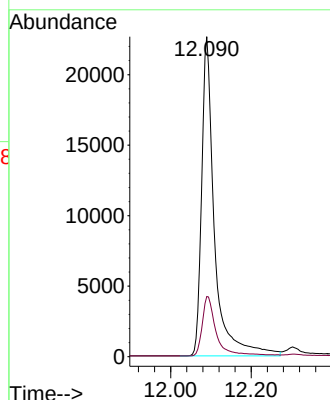
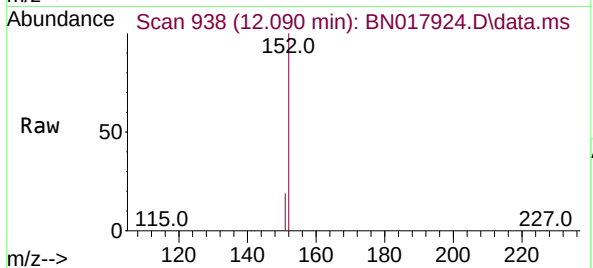
MW201D1-20211205

Tgt Ion:152 Resp: 50160

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.347 min Scan# 1177

Delta R.T. 0.013 min

Lab File: BN017924.D

Acq: 12 Dec 2021 03:29

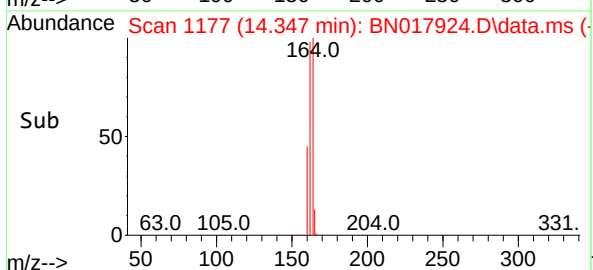
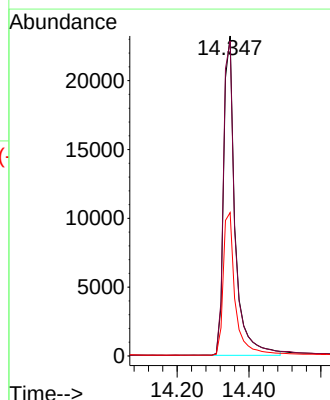
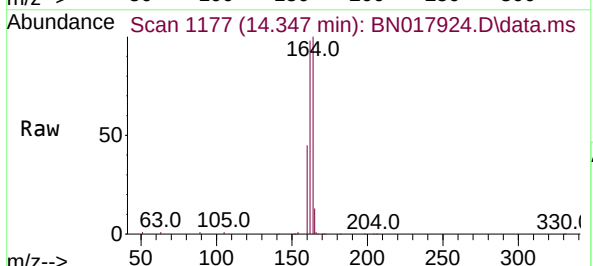
Tgt Ion:164 Resp: 51586

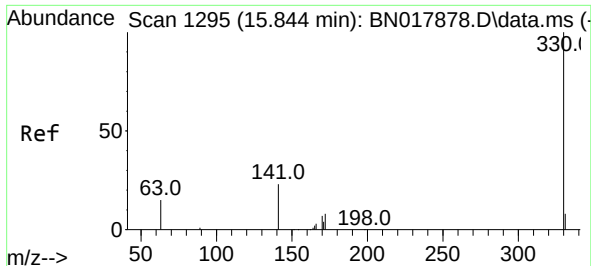
Ion Ratio Lower Upper

164 100

162 98.4 82.1 123.1

160 44.8 38.2 57.2

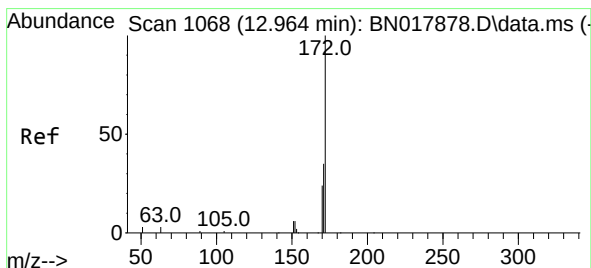
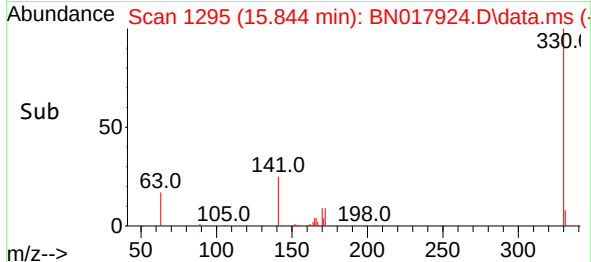
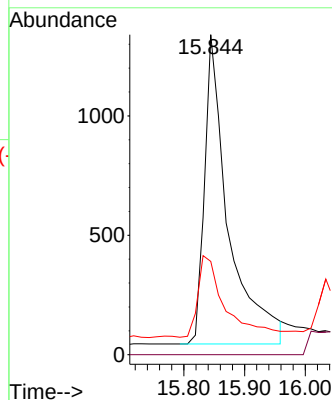
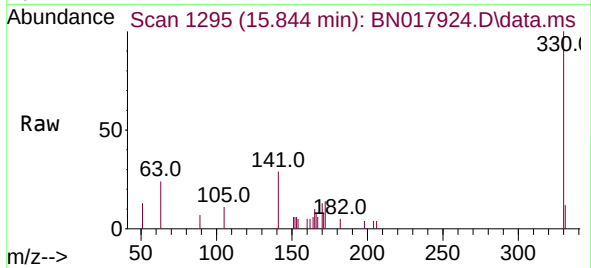




#14
 2,4,6-Tribromophenol
 Concen: 0.458 ng
 RT: 15.844 min Scan# 1295
 Delta R.T. 0.000 min
 Lab File: BN017924.D
 Acq: 12 Dec 2021 03:29

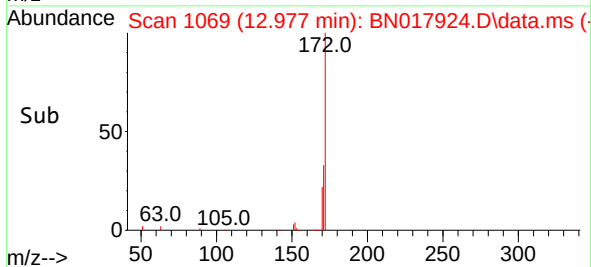
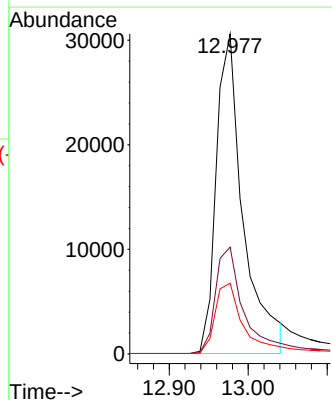
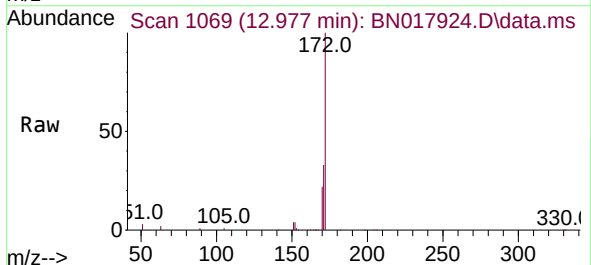
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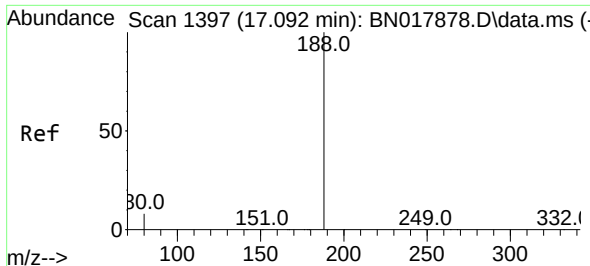
Tgt Ion: 330 Resp: 3528
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 30.1 19.7 29.5#



#15
 2-Fluorobiphenyl
 Concen: 0.398 ng
 RT: 12.977 min Scan# 1069
 Delta R.T. 0.013 min
 Lab File: BN017924.D
 Acq: 12 Dec 2021 03:29

Tgt Ion: 172 Resp: 72327
 Ion Ratio Lower Upper
 172 100
 171 33.4 28.3 42.5
 170 22.1 19.1 28.7

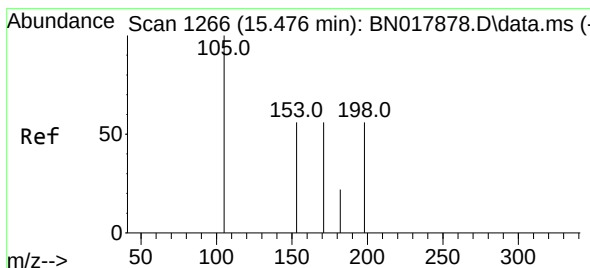
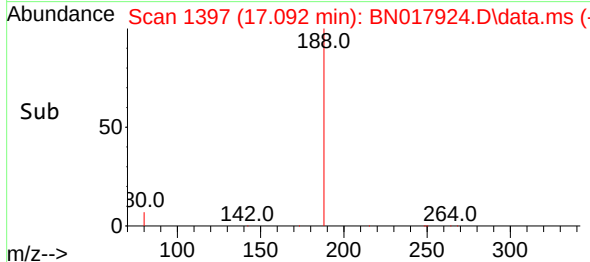
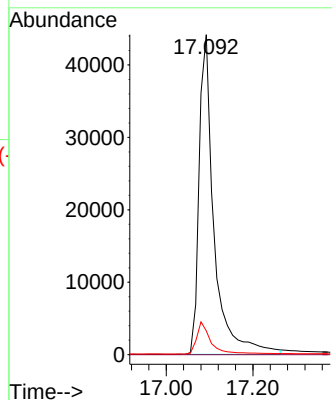
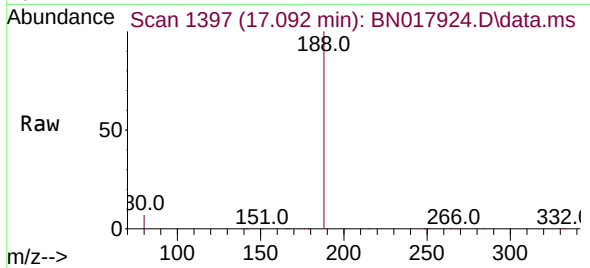




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

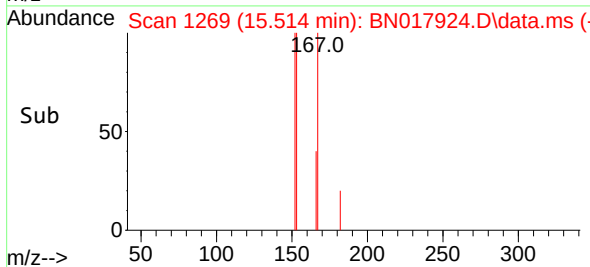
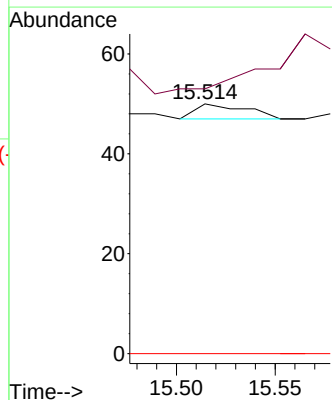
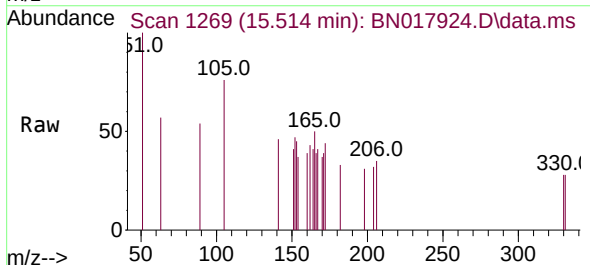
Instrument :
BNA_N
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MW201D1-20211205

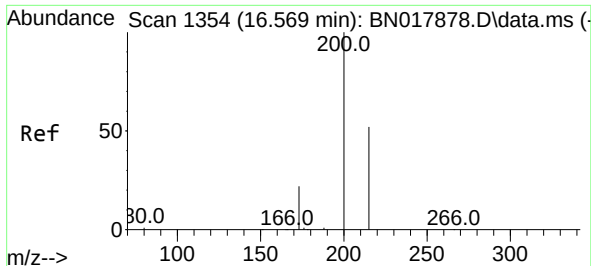
Tgt Ion:188 Resp: 105131
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.514 min Scan# 1269
Delta R.T. 0.038 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 106.0 70.8 106.2
77 0.0 0.0 0.0

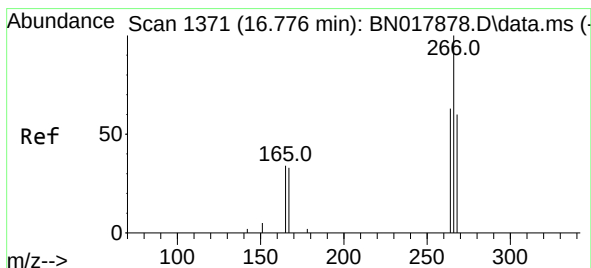
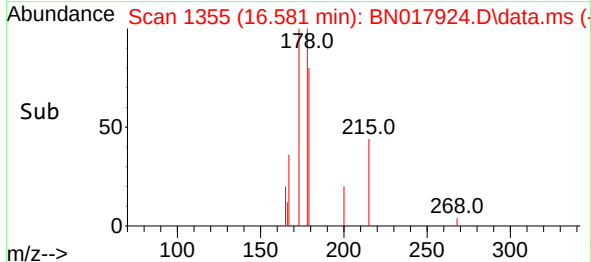
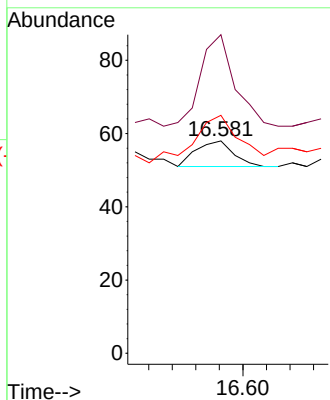
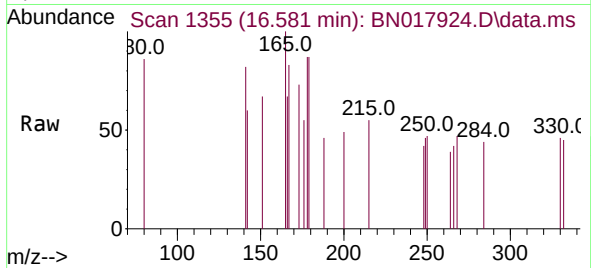




#23
Atrazine
Concen: 0.092 ng
RT: 16.581 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

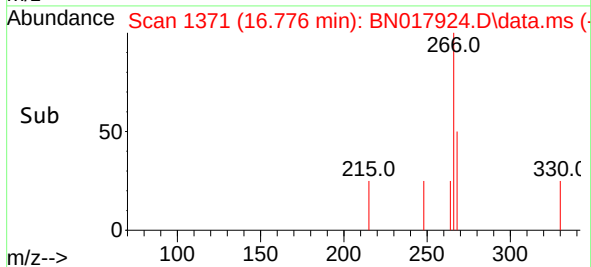
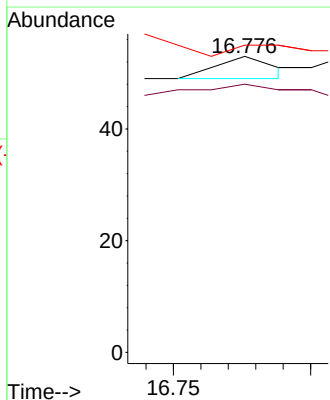
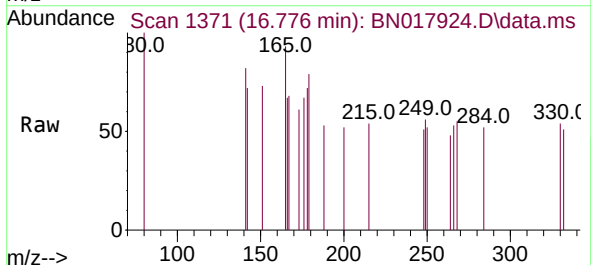
Instrument :
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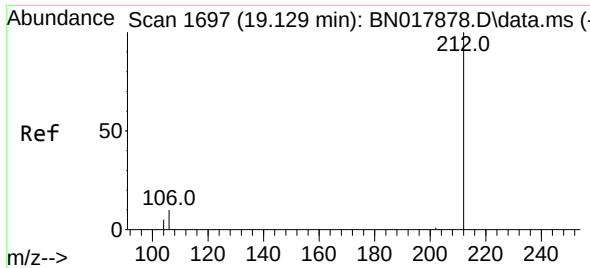
Tgt Ion:200 Resp: 15
Ion Ratio Lower Upper
200 100
173 150.0 18.2 27.2#
215 112.1 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.085 ng
RT: 16.776 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

Tgt Ion:266 Resp: 6
Ion Ratio Lower Upper
266 100
264 66.7 50.6 76.0
268 0.0 53.7 80.5#

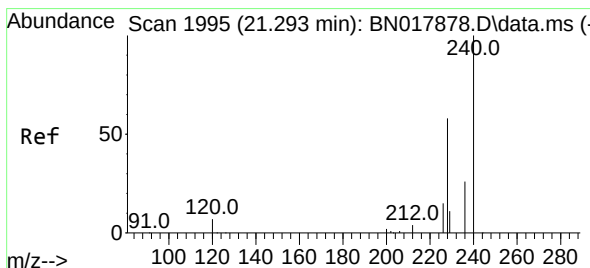
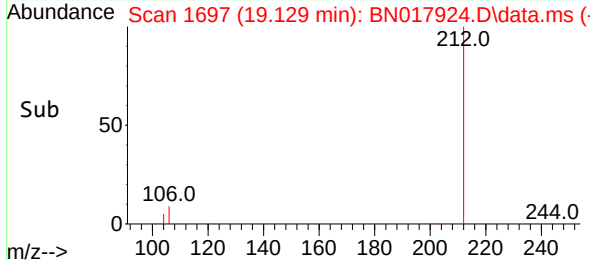
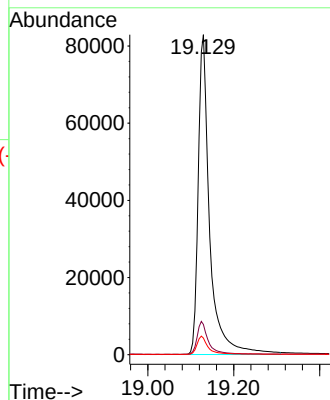
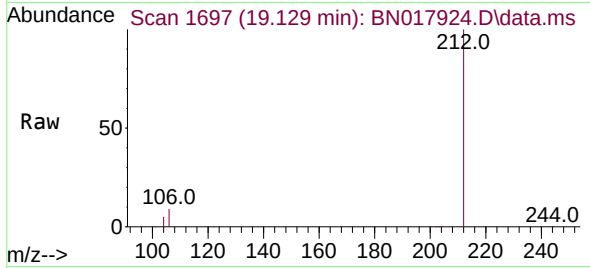




#27
Fluoranthene-d10
Concen: 0.450 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

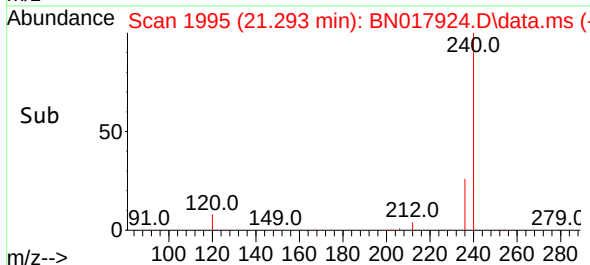
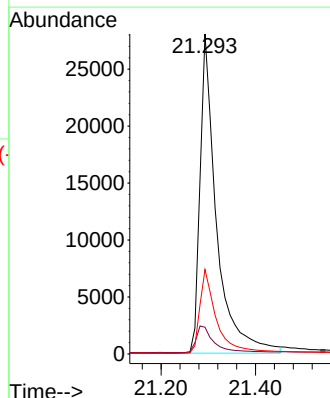
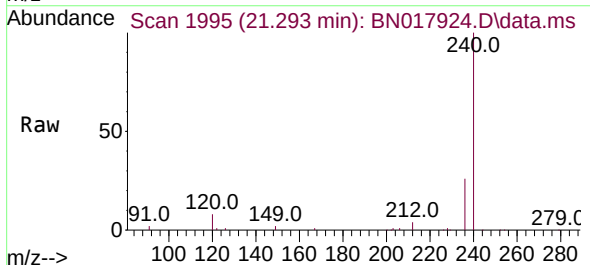
Instrument :
BNA_N
ClientSampleId :
MW201D1-20211205

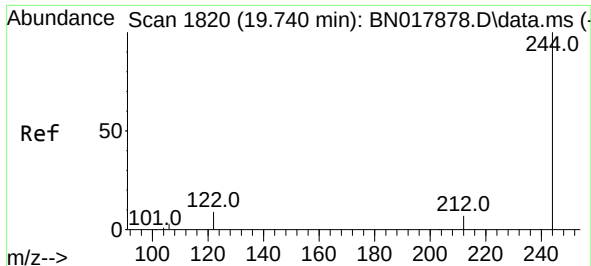
Tgt Ion:212 Resp: 153506
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.6 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

Tgt Ion:240 Resp: 67883
Ion Ratio Lower Upper
240 100
120 8.3 5.8 8.8
236 26.4 21.0 31.6

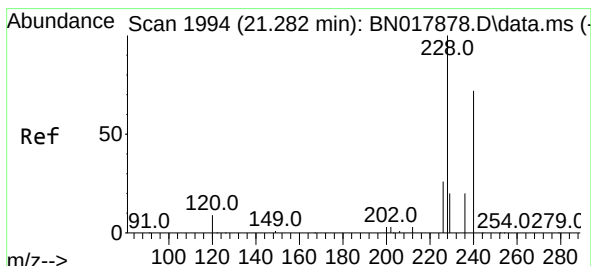
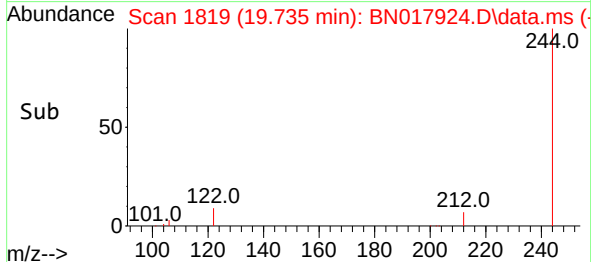
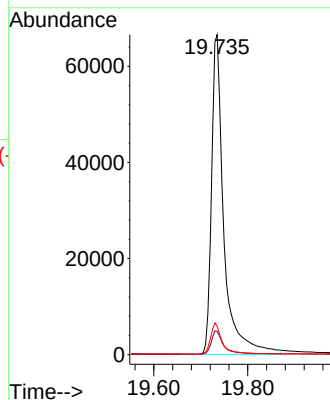
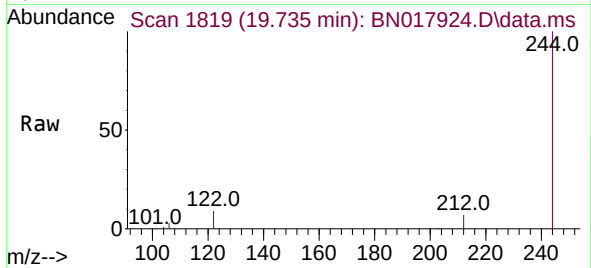




#31
 Terphenyl-d14
 Concen: 0.724 ng
 RT: 19.735 min Scan# 1820
 Delta R.T. -0.005 min
 Lab File: BN017924.D
 Acq: 12 Dec 2021 03:29

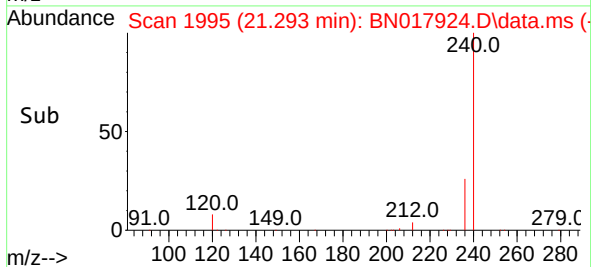
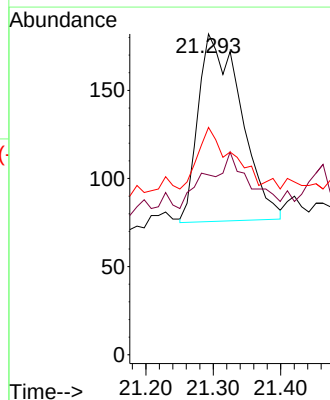
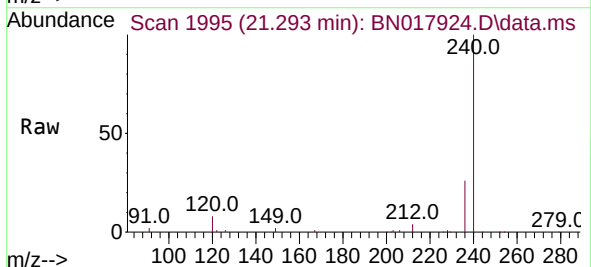
Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20211205

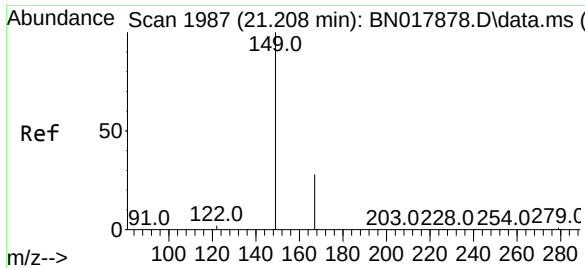
Tgt Ion:244 Resp: 121128
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.8 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.293 min Scan# 1995
 Delta R.T. 0.011 min
 Lab File: BN017924.D
 Acq: 12 Dec 2021 03:29

Tgt Ion:228 Resp: 467
 Ion Ratio Lower Upper
 228 100
 226 56.0 21.0 31.4#
 229 70.9 15.8 23.8#

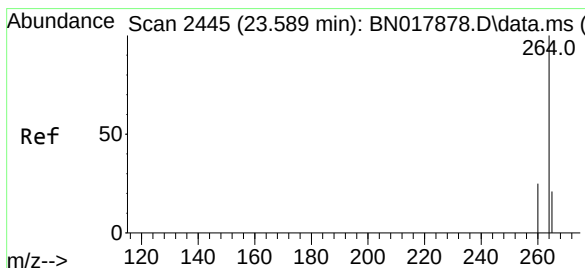
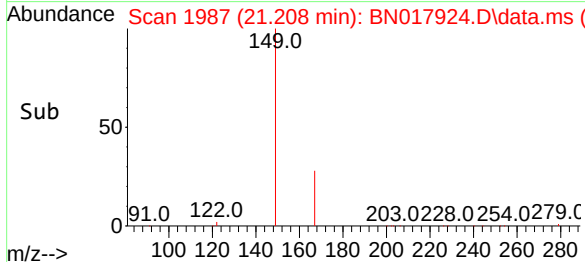
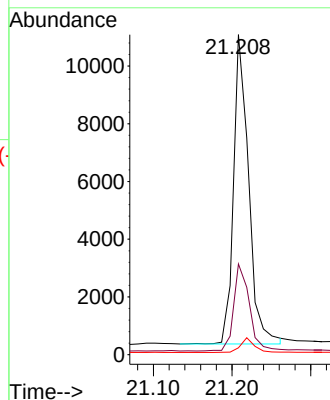
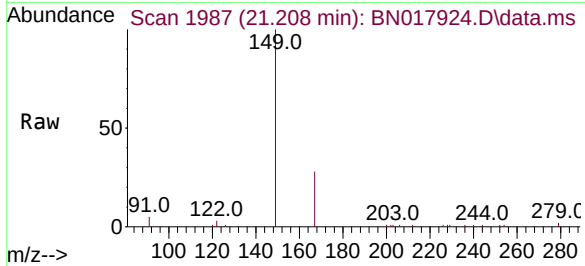




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.196 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017924.D
 Acq: 12 Dec 2021 03:29

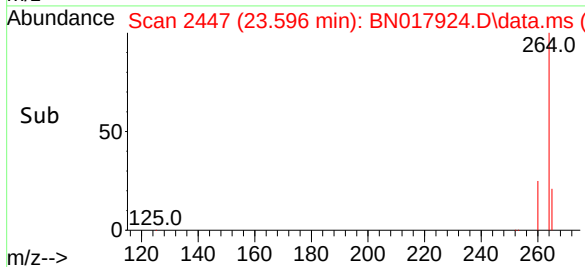
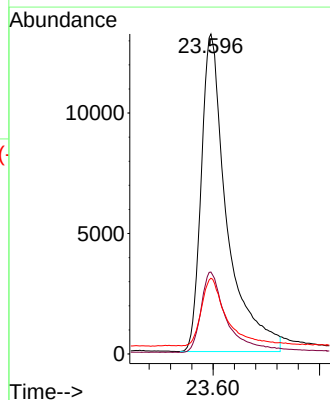
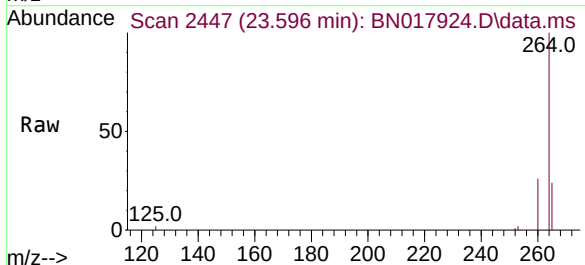
Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20211205

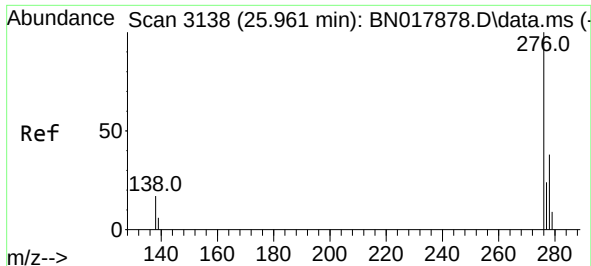
Tgt Ion:	149	Resp:	14297
Ion Ratio	Lower	Upper	
149	100		
167	29.2	23.4	35.0
279	4.4	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.596 min Scan# 2447
 Delta R.T. 0.007 min
 Lab File: BN017924.D
 Acq: 12 Dec 2021 03:29

Tgt Ion:	264	Resp:	44172
Ion Ratio	Lower	Upper	
264	100		
260	25.6	20.2	30.4
265	23.6	18.2	27.4

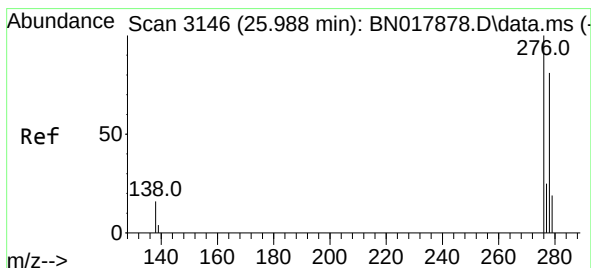
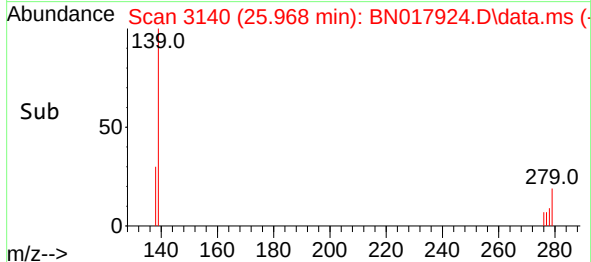
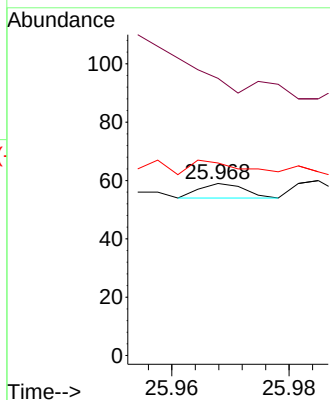
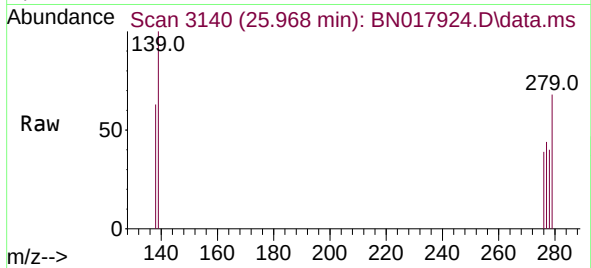




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.968 min Scan# 3138
Delta R.T. 0.007 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

Instrument :
BNA_N
ClientSampleId :
MW201D1-20211205

Tgt Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 0.0 15.2 22.8#
277 133.3 19.8 29.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 25.982 min Scan# 3144
Delta R.T. -0.006 min
Lab File: BN017924.D
Acq: 12 Dec 2021 03:29

Tgt Ion:278 Resp: 8
Ion Ratio Lower Upper
278 100
139 200.0 12.0 18.0#
279 167.7 20.8 31.2#

