

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017923.D
 Acq On : 12 Dec 2021 02:53
 Operator : CG/JU
 Sample : M4956-23
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20211206

Quant Time: Dec 13 00:02:24 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)

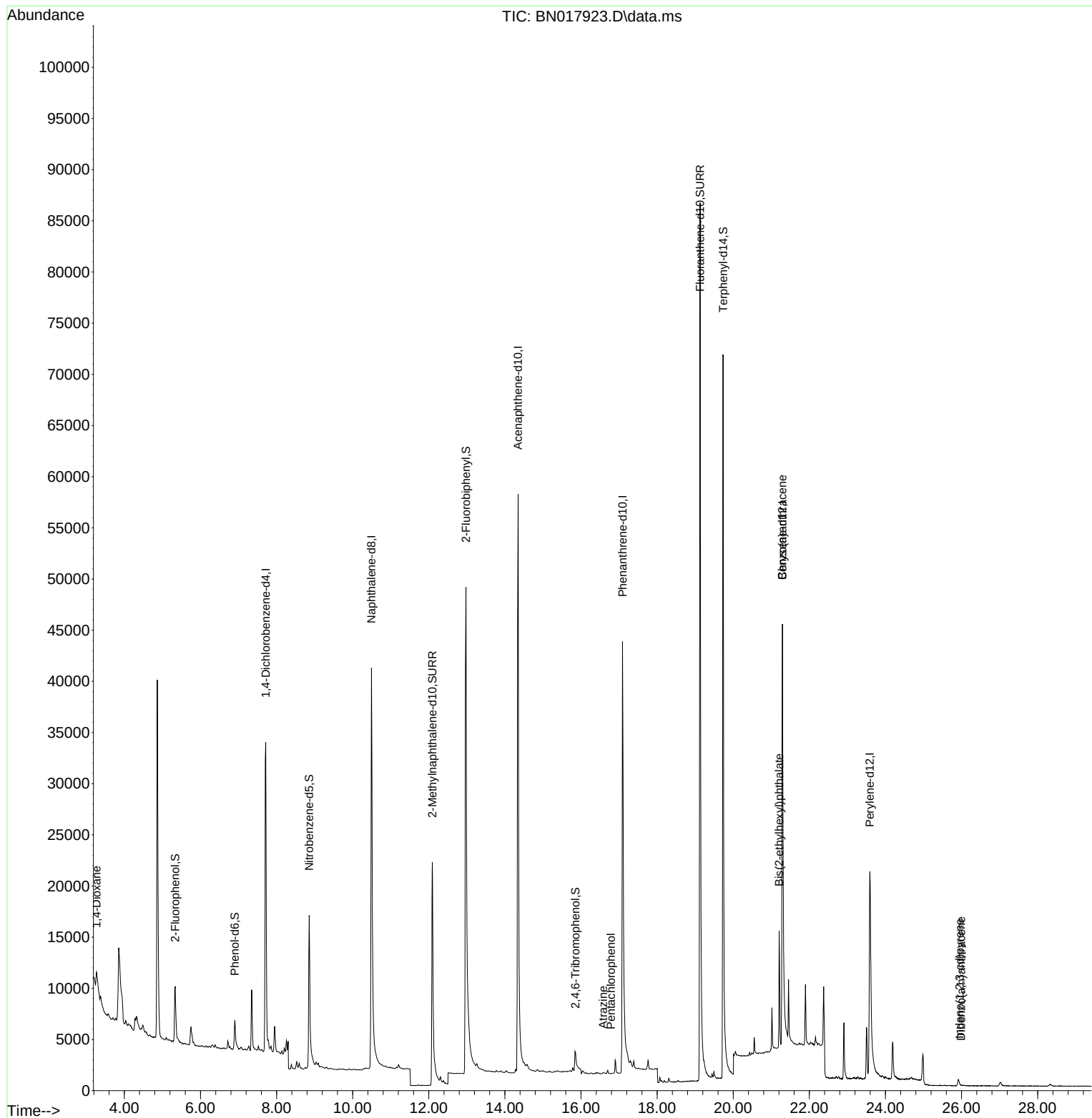
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	19733	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	75695	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	48204	0.400	ng	0.01
19) Phenanthrene-d10	17.092	188	96151	0.400	ng	0.00
29) Chrysene-d12	21.293	240	69318	0.400	ng	0.00
35) Perylene-d12	23.592	264	45841	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	6756	0.166	ng	0.00
5) Phenol-d6	6.903	99	3243	0.080	ng	0.00
8) Nitrobenzene-d5	8.859	82	18280	0.370	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	47778	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	3304	0.458	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	68825	0.406	ng	0.01
27) Fluoranthene-d10	19.129	212	141235	0.453	ng	0.00
31) Terphenyl-d14	19.735	244	110949	0.649	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	1551	0.259	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.463	198	8	Below Cal		# 69
23) Atrazine	16.581	200	58	0.093	ng	# 1
24) Pentachlorophenol	16.788	266	12	0.090	ng	# 50
32) Benzo(a)anthracene	21.293	228	322	0.051	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.208	149	11148	0.150	ng	99
36) Indeno(1,2,3-cd)pyrene	25.950	276	2	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.988	278	1	0.101	ng	# 1

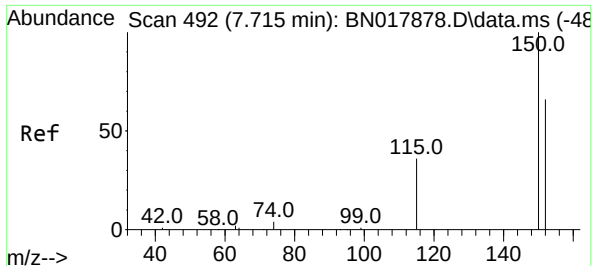
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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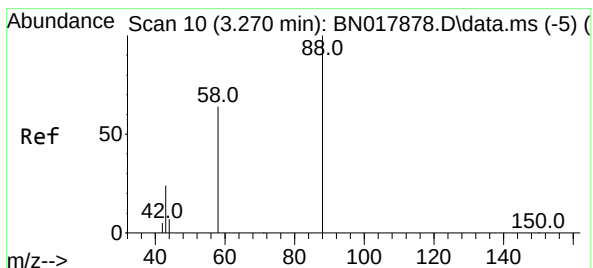
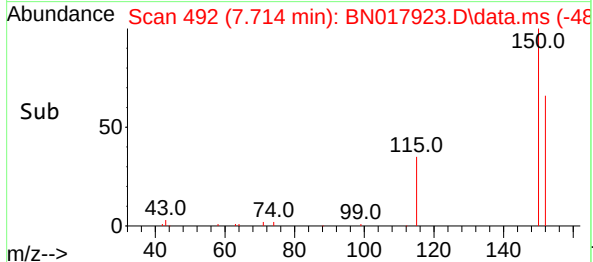
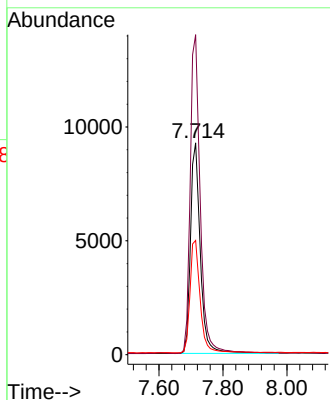
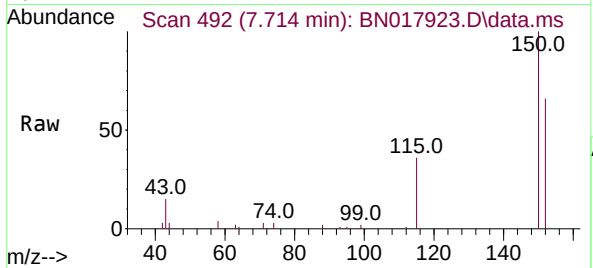




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.714 min Scan# 492
 Delta R.T. -0.001 min
 Lab File: BN017923.D
 Acq: 12 Dec 2021 02:53

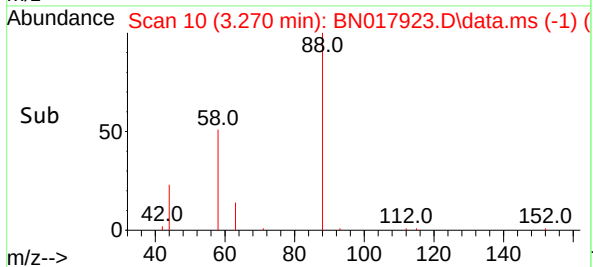
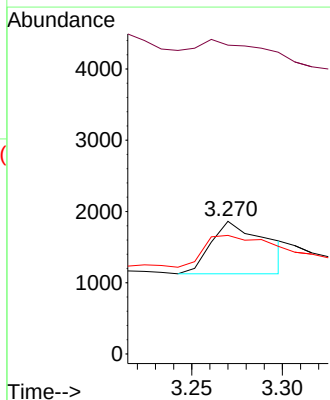
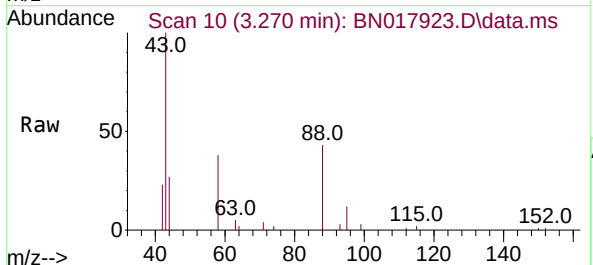
Instrument :
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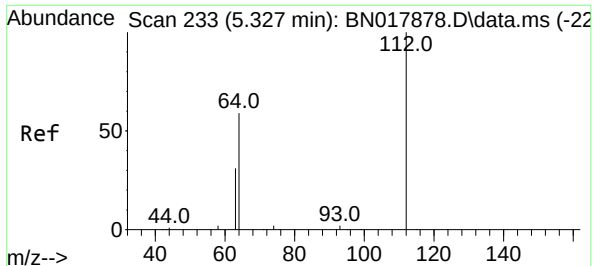
Tgt Ion:152 Resp: 19733
 Ion Ratio Lower Upper
 152 100
 150 151.0 121.9 182.9
 115 53.9 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.259 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017923.D
 Acq: 12 Dec 2021 02:53

Tgt Ion: 88 Resp: 1551
 Ion Ratio Lower Upper
 88 100
 43 17.3 28.0 42.0#
 58 71.9 65.4 98.0

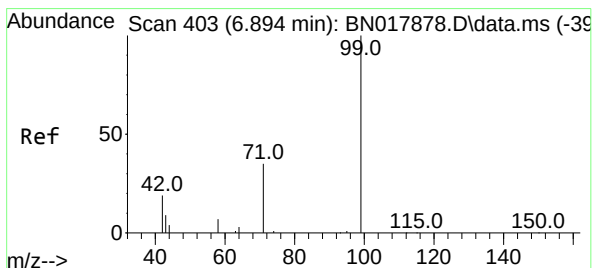
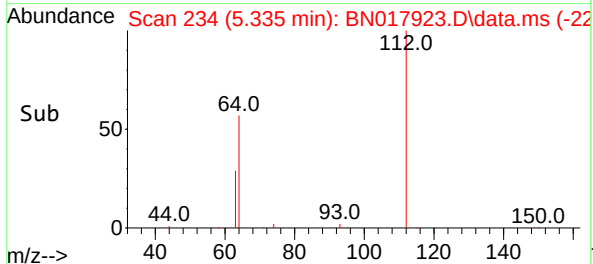
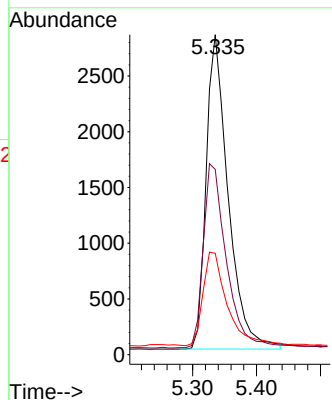
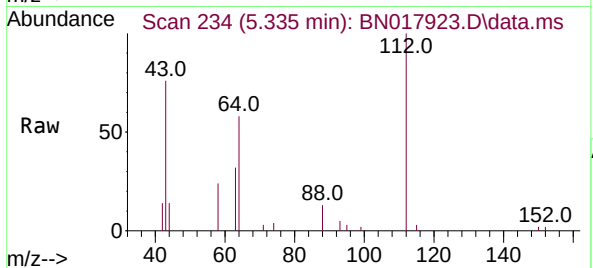




#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.335 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

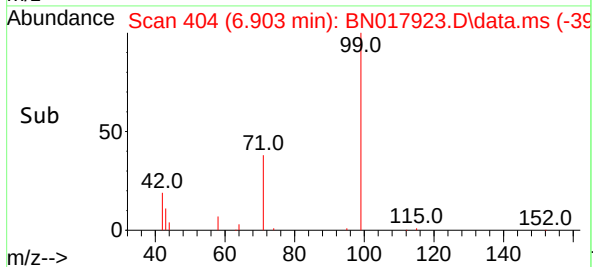
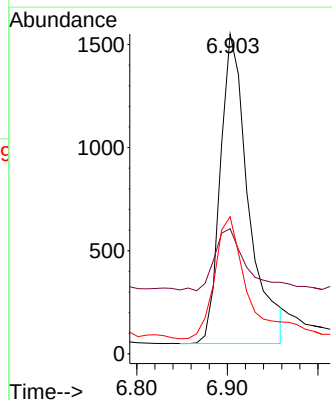
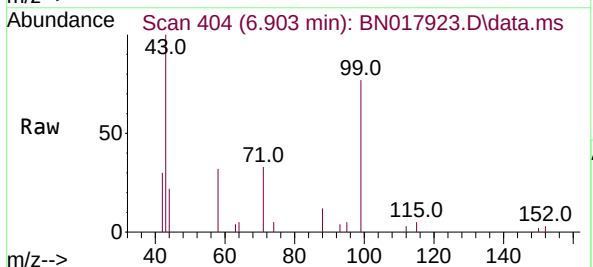
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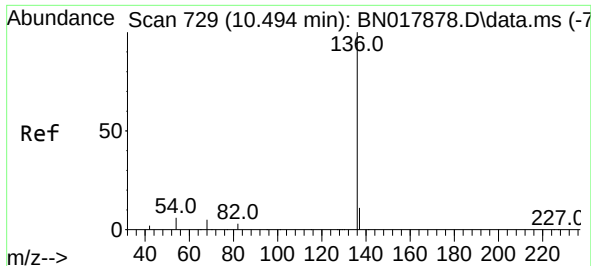
Tgt Ion:112 Resp: 6756
Ion Ratio Lower Upper
112 100
64 61.1 49.0 73.4
63 32.8 26.2 39.2



#5
Phenol-d6
Concen: 0.080 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

Tgt Ion: 99 Resp: 3243
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 43.4 28.0 42.0#

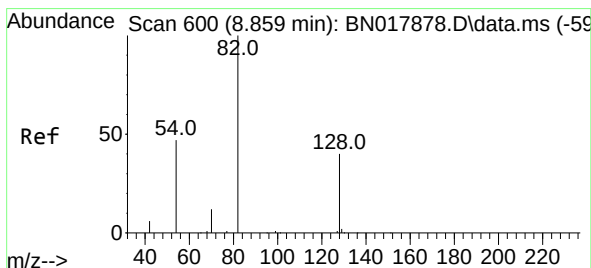
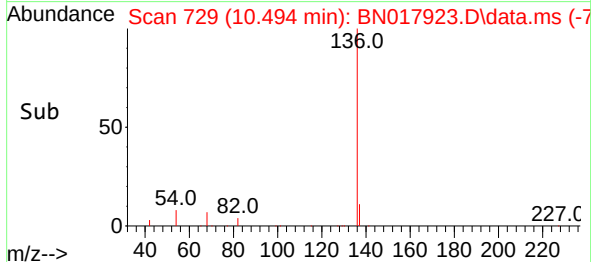
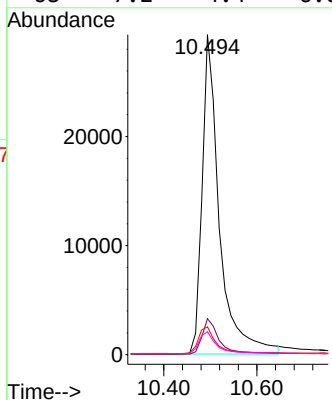
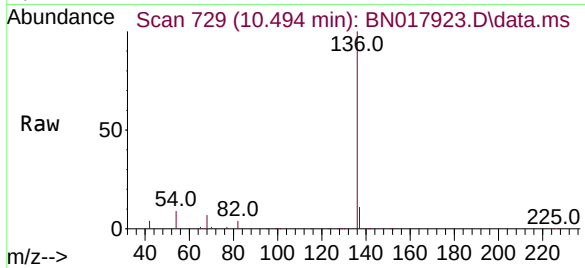




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

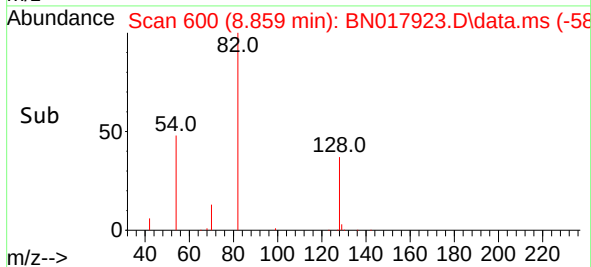
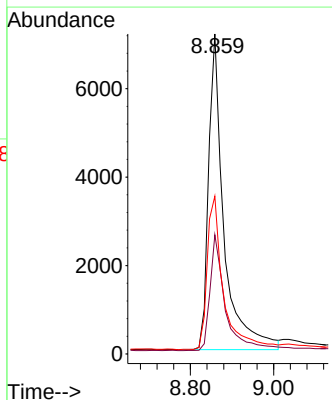
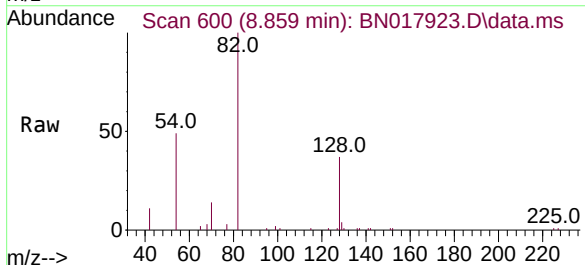
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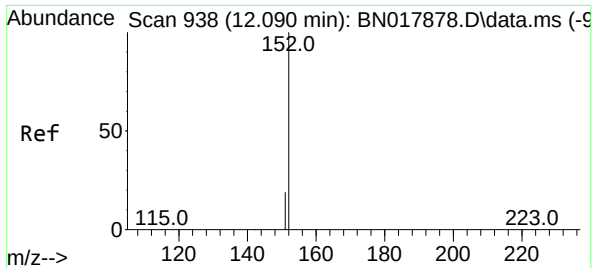
Tgt Ion:	136	Resp:	75695
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	8.7	5.1	7.7#
68	7.2	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

Tgt Ion:	82	Resp:	18280
Ion Ratio	Lower	Upper	
82	100		
128	37.2	32.2	48.4
54	49.3	37.6	56.4

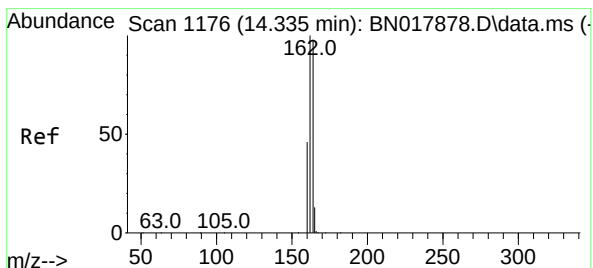
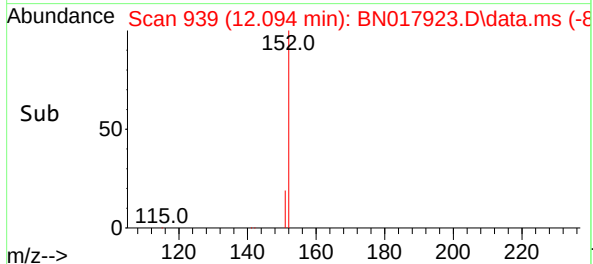
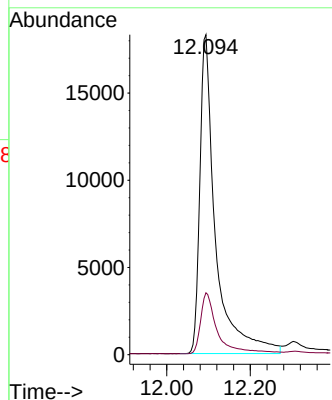
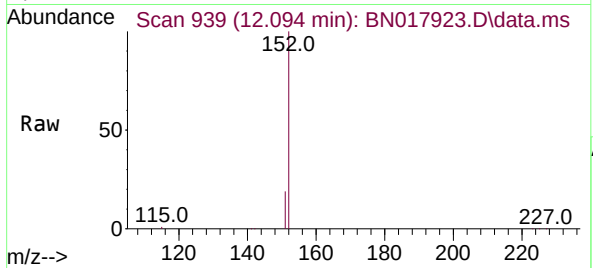




#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.094 min Scan# 91
Delta R.T. 0.004 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

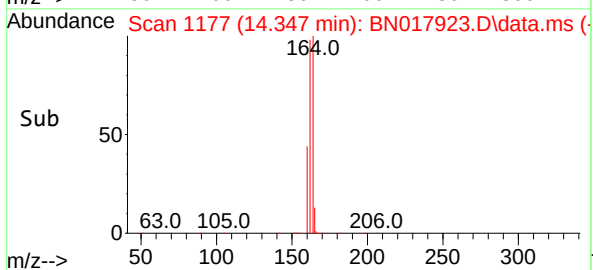
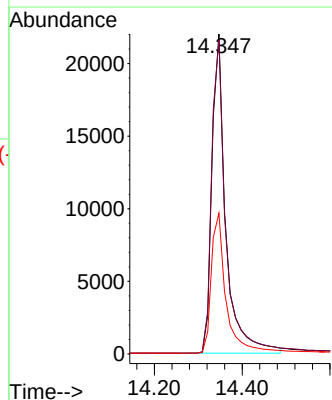
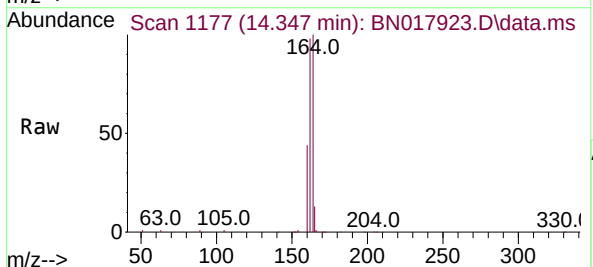
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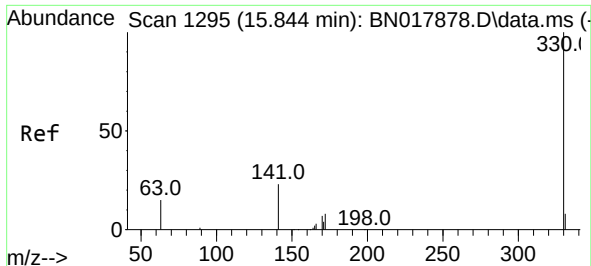
Tgt Ion:152 Resp: 47778
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. 0.012 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

Tgt Ion:164 Resp: 48204
Ion Ratio Lower Upper
164 100
162 98.2 82.1 123.1
160 44.0 38.2 57.2

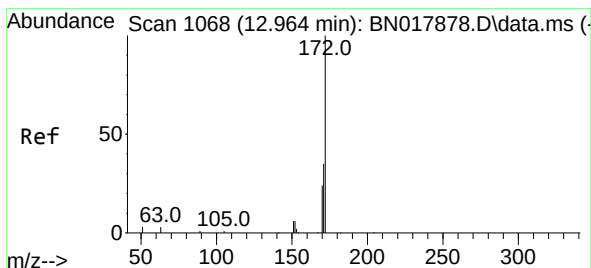
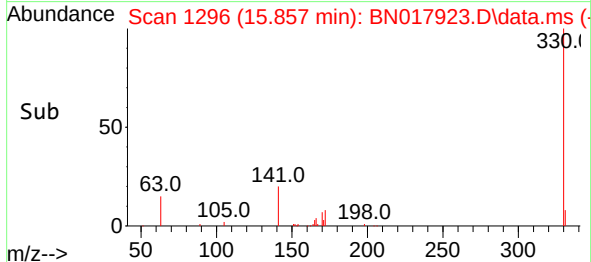
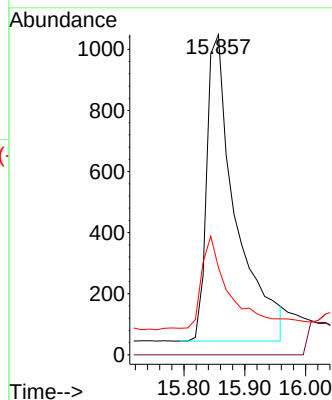
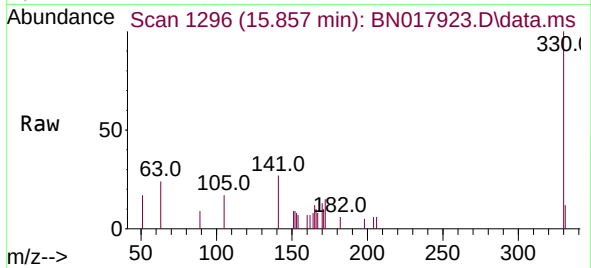




#14
2,4,6-Tribromophenol
Concen: 0.458 ng
RT: 15.857 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

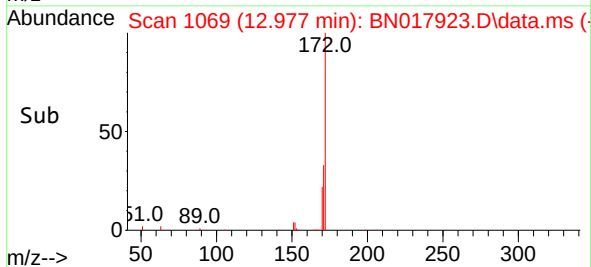
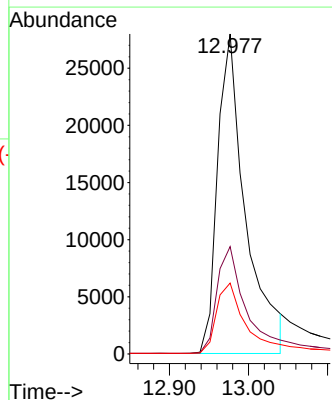
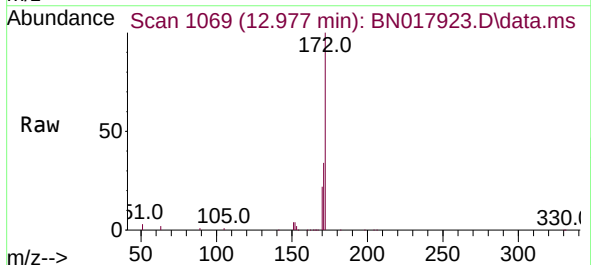
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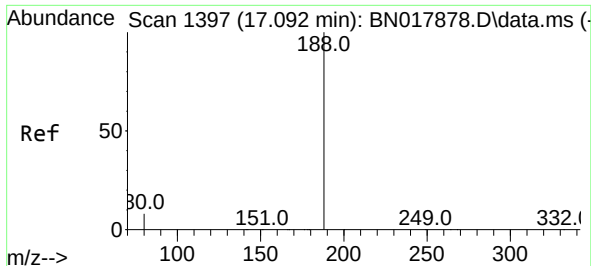
Tgt Ion: 330 Resp: 3304
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.8 19.7 29.5



#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

Tgt Ion: 172 Resp: 68825
Ion Ratio Lower Upper
172 100
171 33.5 28.3 42.5
170 22.1 19.1 28.7

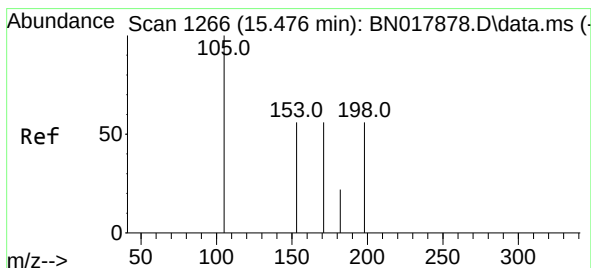
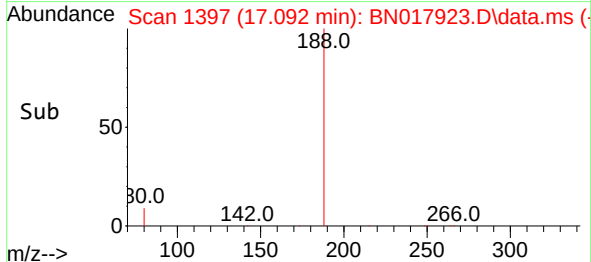
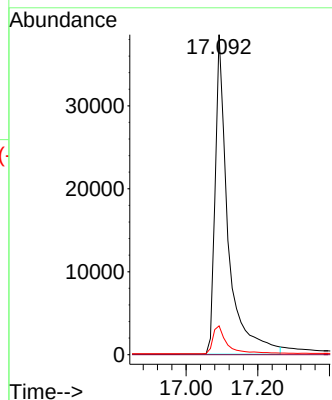
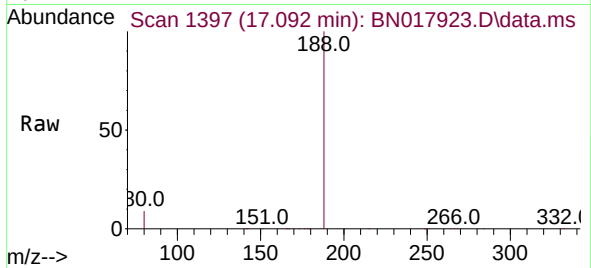




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

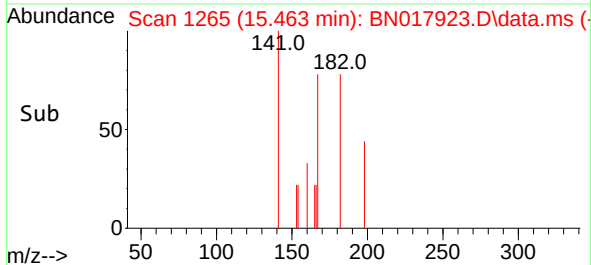
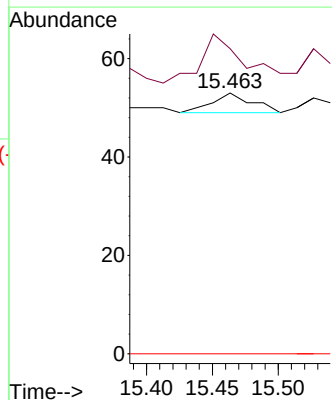
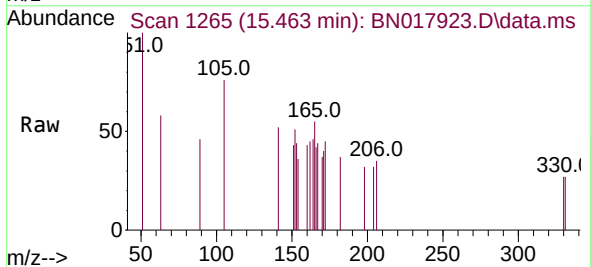
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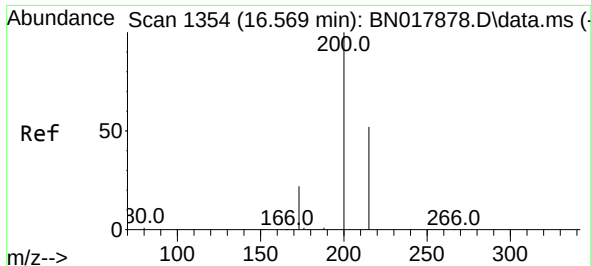
Tgt Ion:188	Resp:	96151
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.0	6.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.463 min Scan# 1265
Delta R.T. -0.013 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

Tgt Ion:198	Resp:	8
Ion Ratio	Lower	Upper
198	100	
182	117.0	70.8
77	0.0	0.0

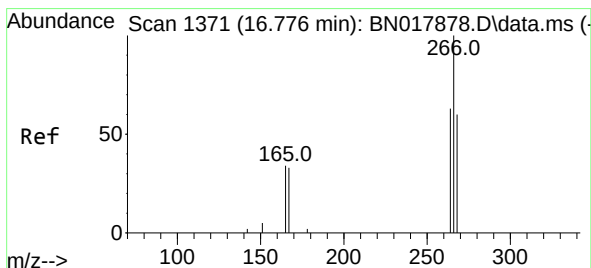
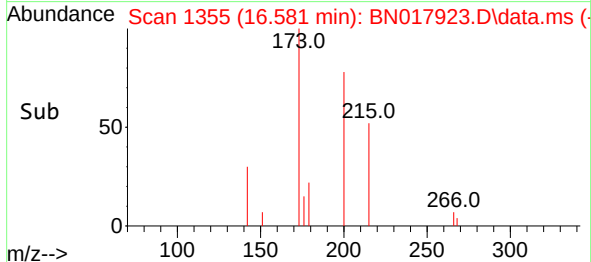
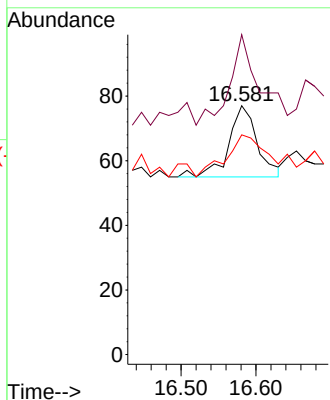
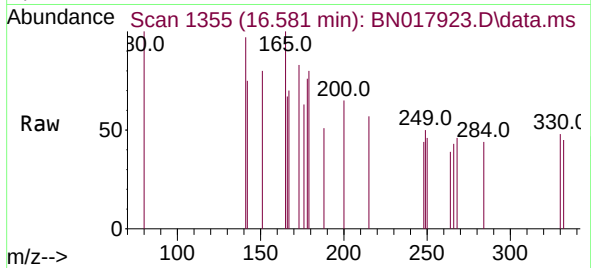




#23
 Atrazine
 Concen: 0.093 ng
 RT: 16.581 min Scan# 1355
 Delta R.T. 0.012 min
 Lab File: BN017923.D
 Acq: 12 Dec 2021 02:53

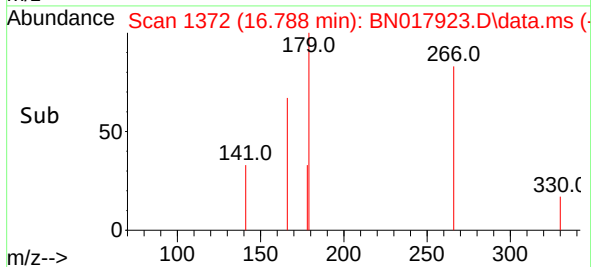
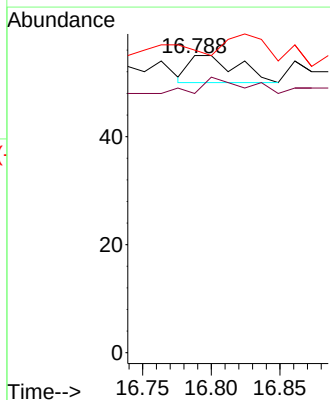
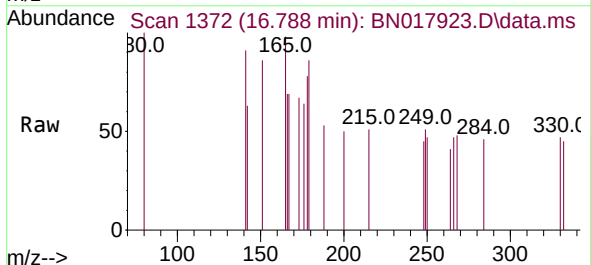
Instrument :
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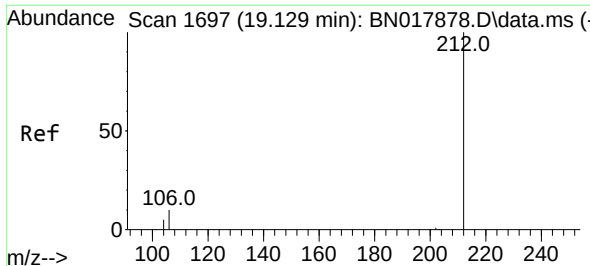
Tgt Ion:200 Resp: 58
 Ion Ratio Lower Upper
 200 100
 173 128.6 18.2 27.2#
 215 88.3 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.090 ng
 RT: 16.788 min Scan# 1372
 Delta R.T. 0.012 min
 Lab File: BN017923.D
 Acq: 12 Dec 2021 02:53

Tgt Ion:266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 75.0 50.6 76.0
 268 0.0 53.7 80.5#

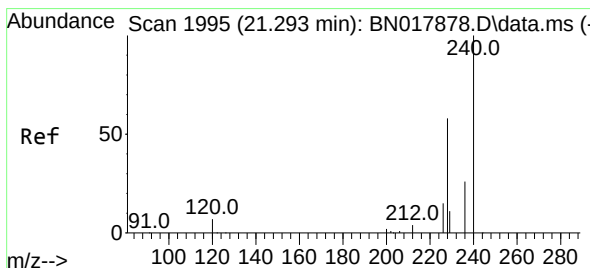
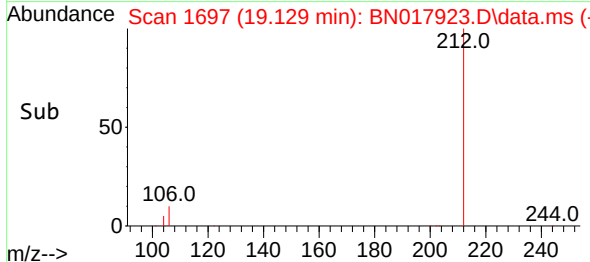
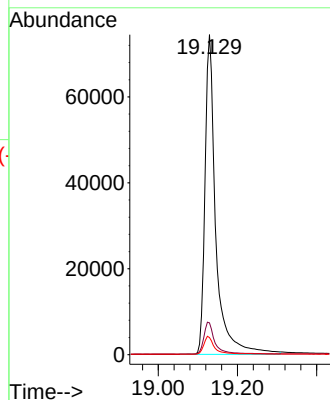
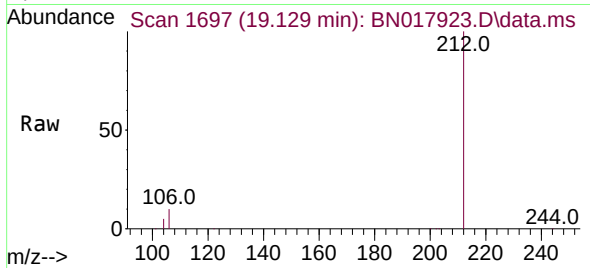




#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

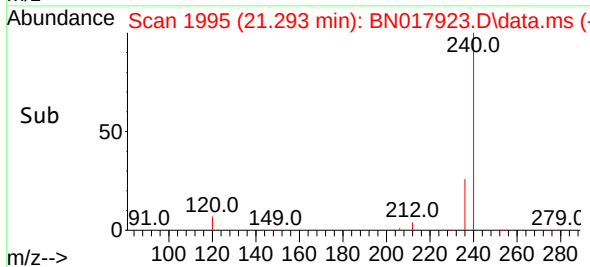
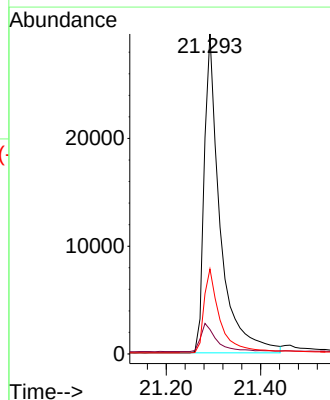
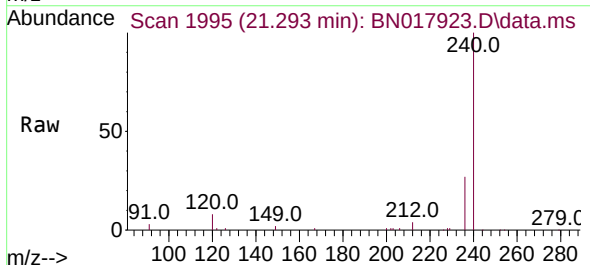
Instrument :
BNA_N
ClientSampleId :
MW178I-20211206

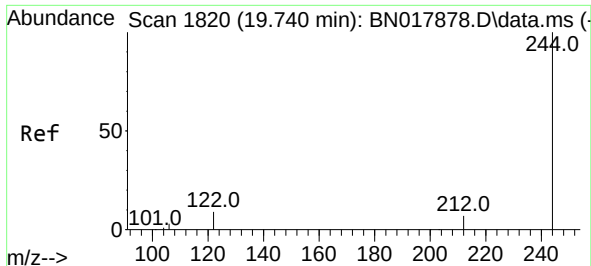
Tgt Ion:212 Resp: 141235
Ion Ratio Lower Upper
212 100
106 10.4 8.3 12.5
104 5.5 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

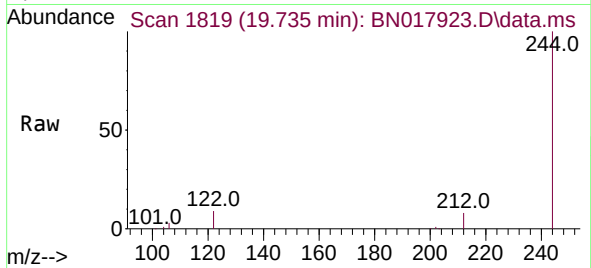
Tgt Ion:240 Resp: 69318
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.8
236 26.5 21.0 31.6



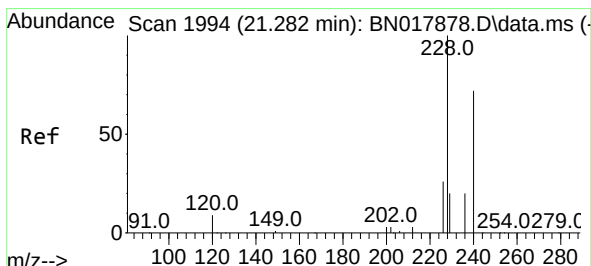
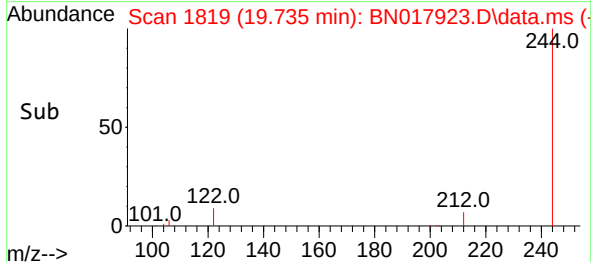
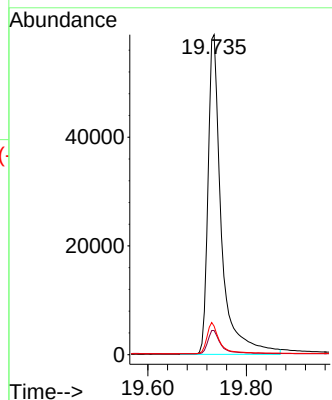


#31
 Terphenyl-d14
 Concen: 0.649 ng
 RT: 19.735 min Scan# 1819
 Delta R.T. -0.005 min
 Lab File: BN017923.D
 Acq: 12 Dec 2021 02:53

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20211206

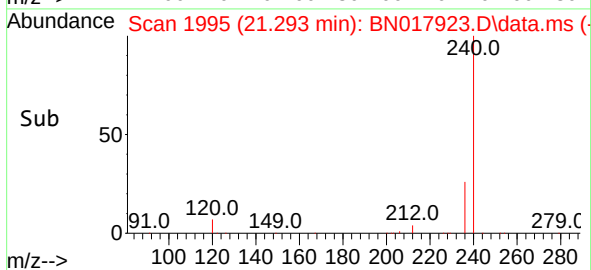
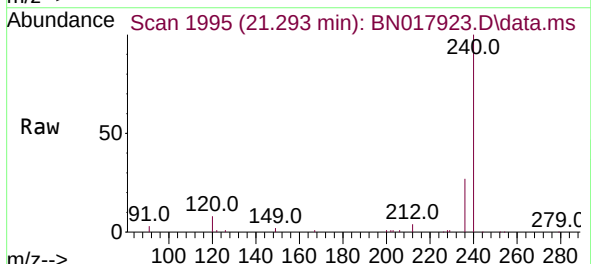
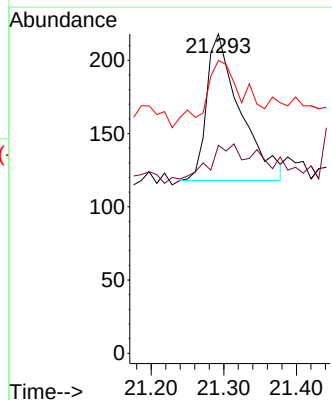


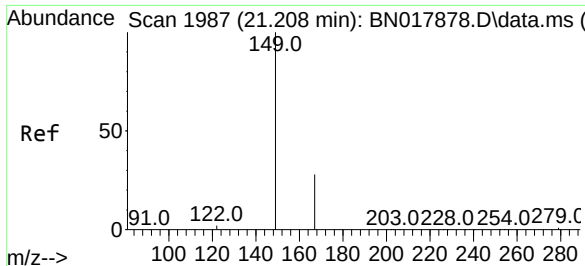
Tgt Ion:244 Resp: 110949
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.9 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.051 ng
 RT: 21.293 min Scan# 1995
 Delta R.T. 0.011 min
 Lab File: BN017923.D
 Acq: 12 Dec 2021 02:53

Tgt Ion:228 Resp: 322
 Ion Ratio Lower Upper
 228 100
 226 65.1 21.0 31.4#
 229 91.7 15.8 23.8#

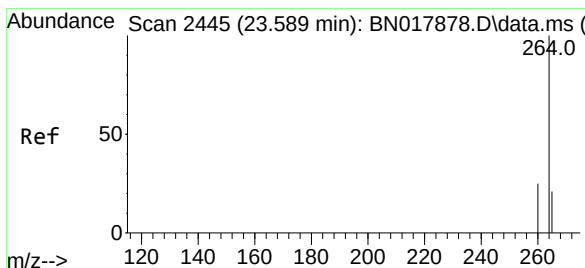
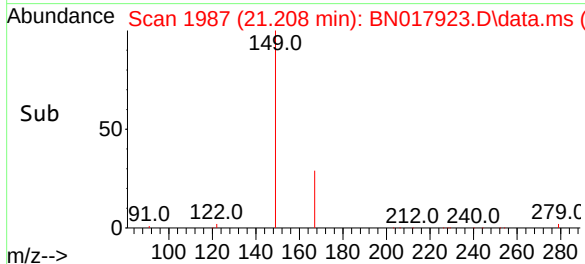
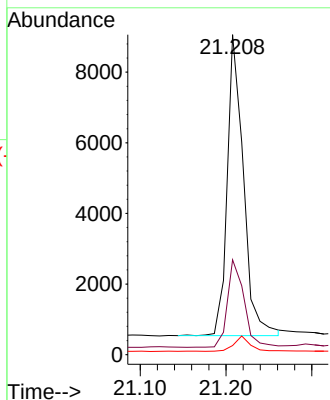
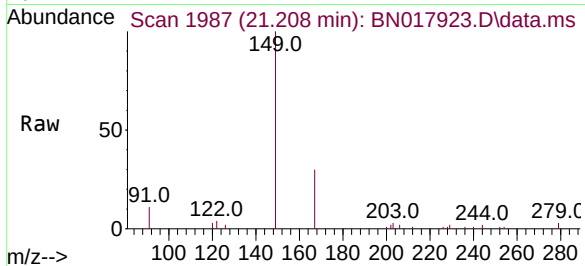




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.150 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017923.D
 Acq: 12 Dec 2021 02:53

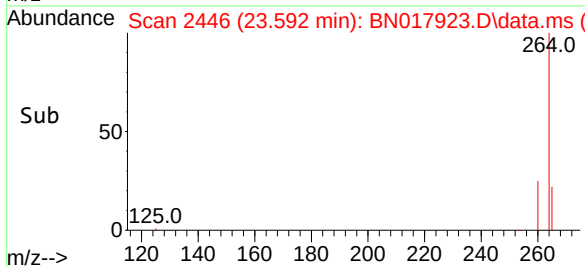
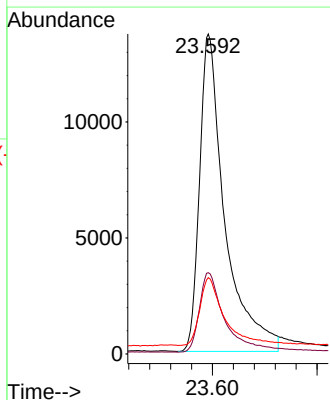
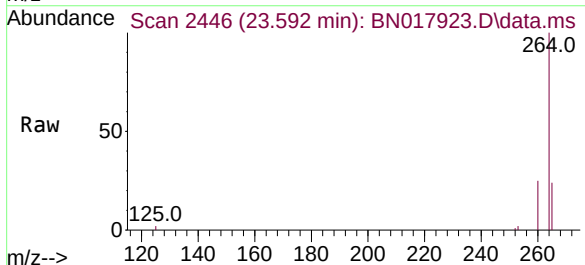
Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20211206

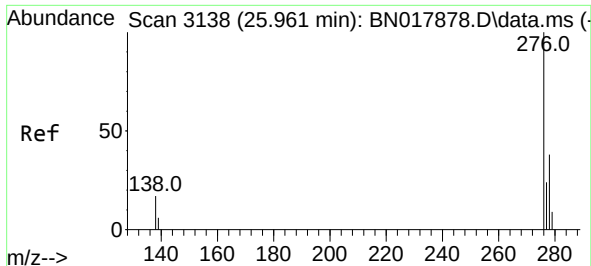
Tgt Ion:	149	Resp:	11148
Ion Ratio	Lower	Upper	
149	100		
167	30.0	23.4	35.0
279	4.9	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2446
 Delta R.T. 0.003 min
 Lab File: BN017923.D
 Acq: 12 Dec 2021 02:53

Tgt Ion:	264	Resp:	45841
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.2	30.4
265	23.9	18.2	27.4

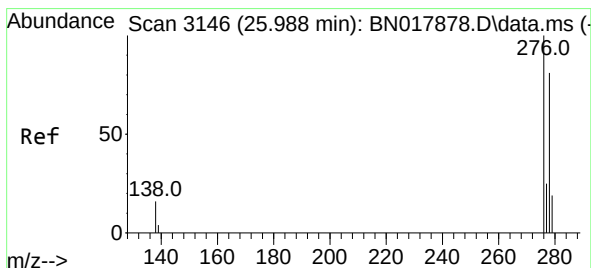
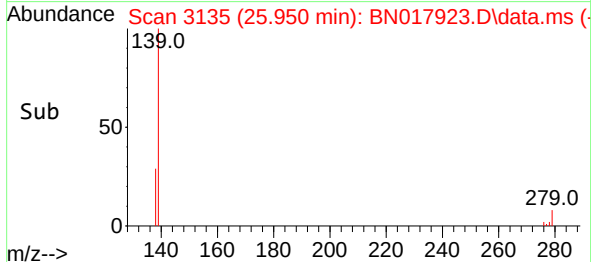
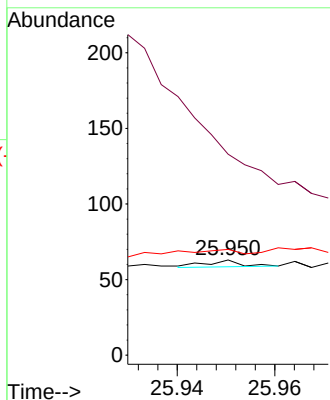
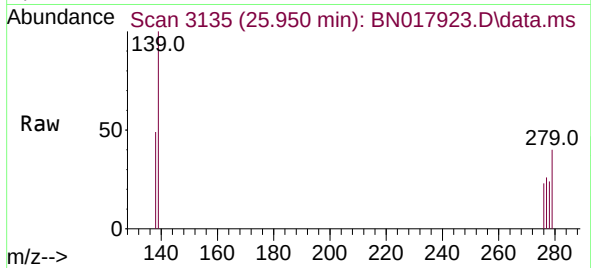




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.950 min Scan# 3138
 Delta R.T. -0.011 min
 Lab File: BN017923.D
 Acq: 12 Dec 2021 02:53

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20211206

Tgt Ion:276 Resp: 2
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 250.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.988 min Scan# 3146
 Delta R.T. 0.000 min
 Lab File: BN017923.D
 Acq: 12 Dec 2021 02:53

Tgt Ion:278 Resp: 1
 Ion Ratio Lower Upper
 278 100
 139 245.3 12.0 18.0#
 279 164.1 20.8 31.2#

