

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017935.D
 Acq On : 12 Dec 2021 11:53
 Operator : CG/JU
 Sample : M4956-18
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20211205

Quant Time: Dec 13 00:39:33 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)

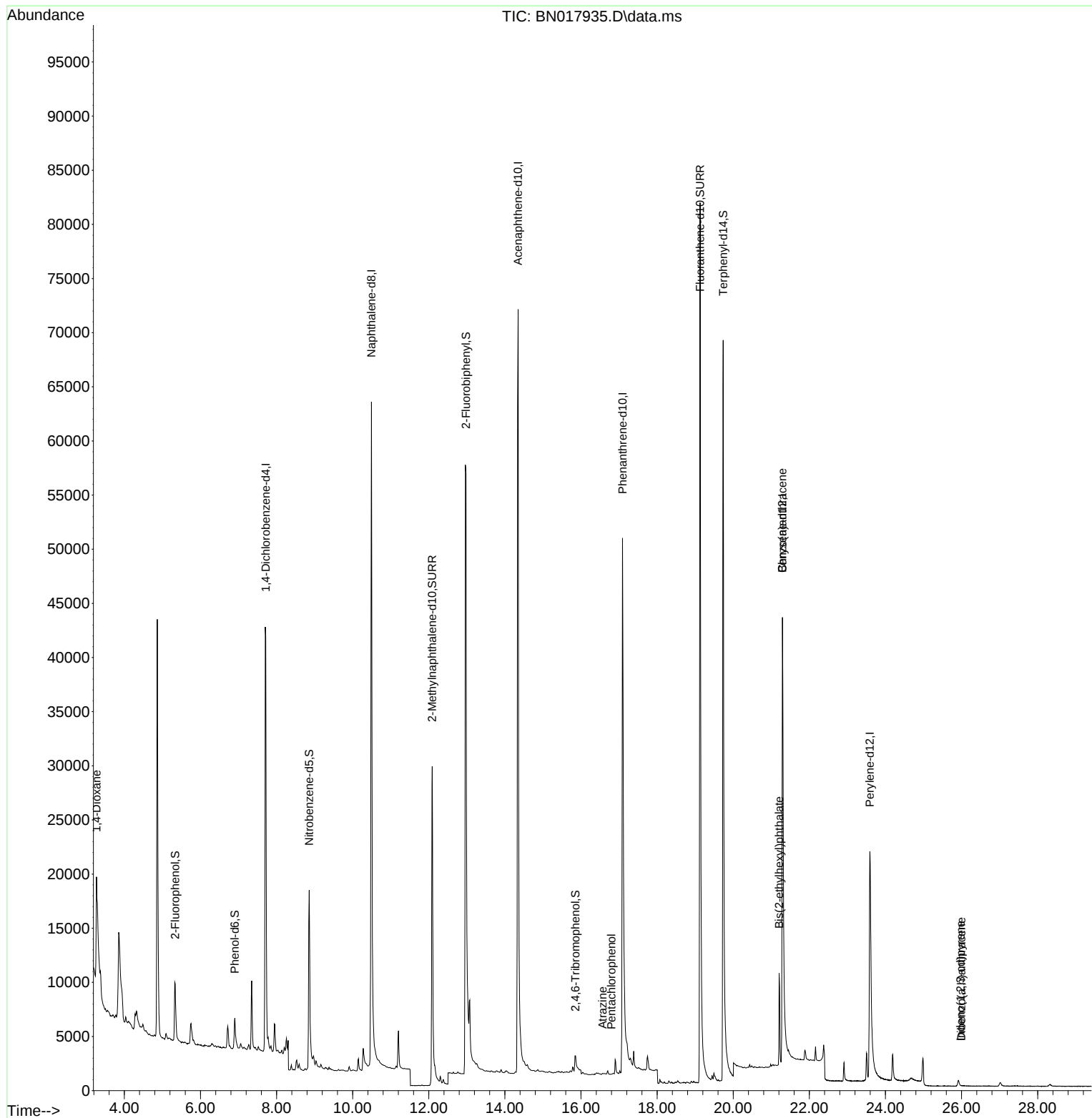
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	25606	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	101518	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	60653	0.400	ng	0.01
19) Phenanthrene-d10	17.092	188	118811	0.400	ng	0.00
29) Chrysene-d12	21.293	240	76240	0.400	ng	# 0.00
35) Perylene-d12	23.592	264	49162	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	6711	0.127	ng	0.00
5) Phenol-d6	6.903	99	3317	0.063	ng	0.00
8) Nitrobenzene-d5	8.859	82	20048	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	55572	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	2657	0.413	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	80270	0.376	ng	0.01
27) Fluoranthene-d10	19.129	212	144223	0.374	ng	0.00
31) Terphenyl-d14	19.735	244	117767	0.626	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	9576	1.232	ng	Qvalue 93
20) 4,6-Dinitro-2-methylph...	15.438	198	4	Below Cal	#	70
23) Atrazine	16.569	200	16	0.092	ng	# 1
24) Pentachlorophenol	16.800	266	23	0.095	ng	# 83
32) Benzo(a)anthracene	21.293	228	617	0.052	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.208	149	9216	0.113	ng	99
36) Indeno(1,2,3-cd)pyrene	25.974	276	2	0.089	ng	# 54
40) Dibenzo(a,h)anthracene	25.995	278	5	0.101	ng	# 1

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

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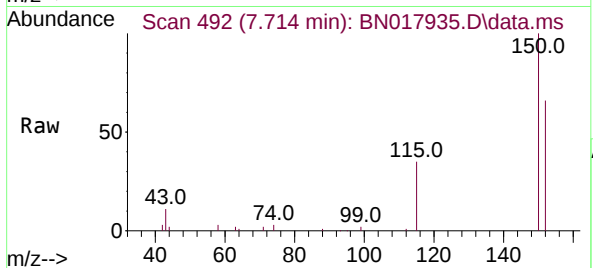
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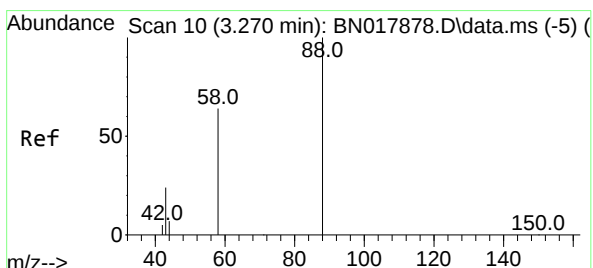
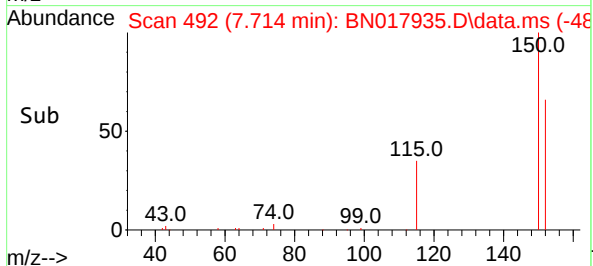
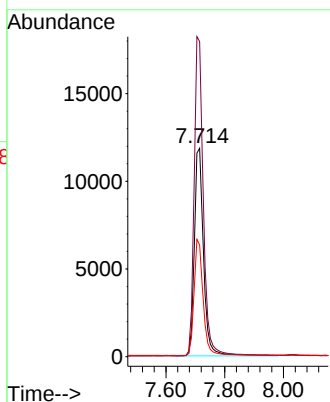


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.714 min Scan# 492
 Delta R.T. -0.001 min
 Lab File: BN017935.D
 Acq: 12 Dec 2021 11:53

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20211205

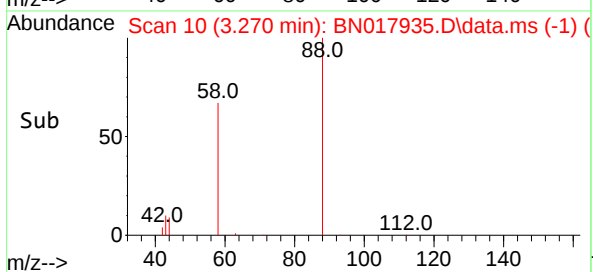
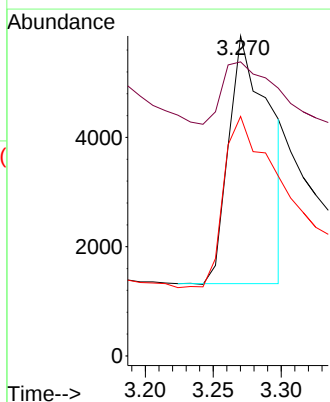
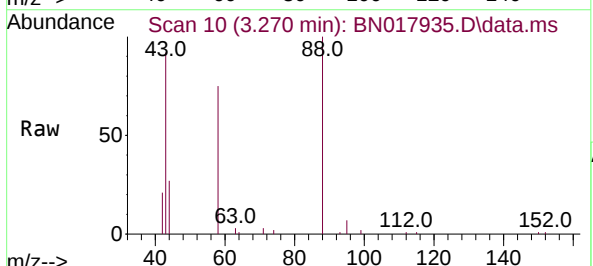


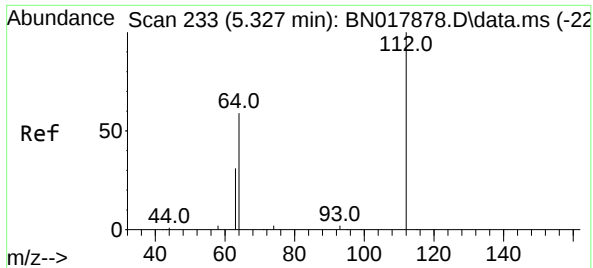
Tgt Ion:152 Resp: 25606
 Ion Ratio Lower Upper
 152 100
 150 151.2 121.9 182.9
 115 53.5 44.1 66.1



#2
 1,4-Dioxane
 Concen: 1.232 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017935.D
 Acq: 12 Dec 2021 11:53

Tgt Ion: 88 Resp: 9576
 Ion Ratio Lower Upper
 88 100
 43 28.3 28.0 42.0
 58 76.9 65.4 98.0

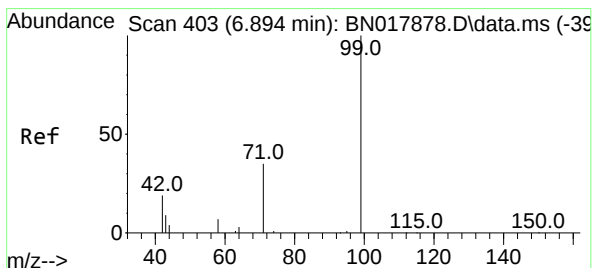
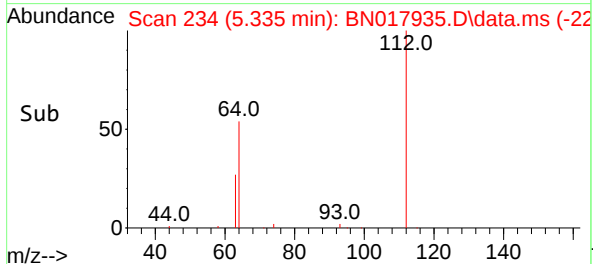
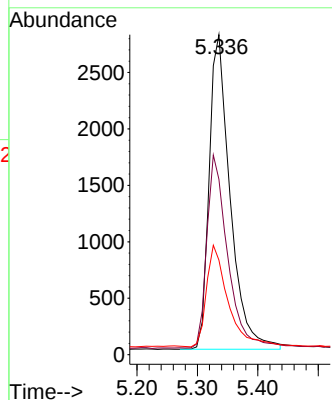
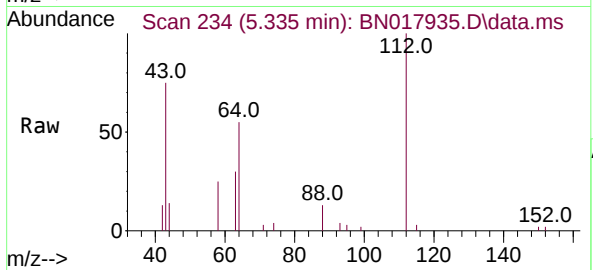




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.335 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

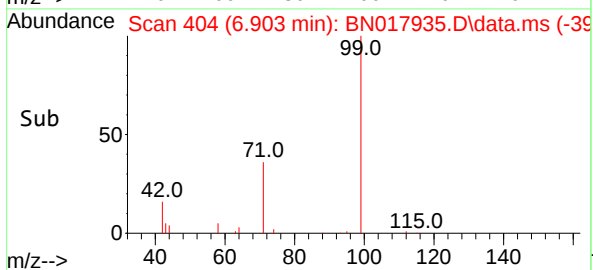
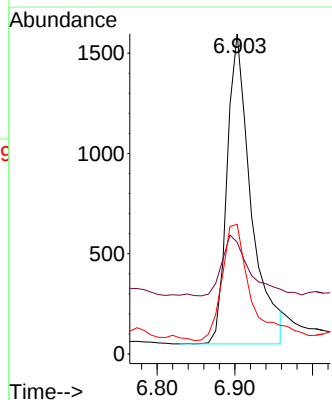
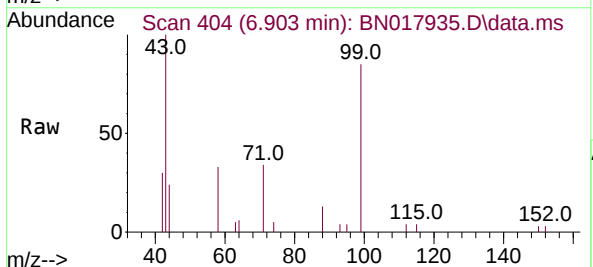
Instrument :
BNA_N
ClientSampleId :
MW203D2-20211205

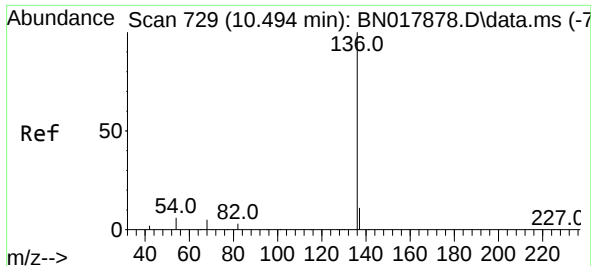
Tgt Ion:112 Resp: 6711
Ion Ratio Lower Upper
112 100
64 60.9 49.0 73.4
63 33.0 26.2 39.2



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

Tgt Ion: 99 Resp: 3317
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.4
71 43.1 28.0 42.0#

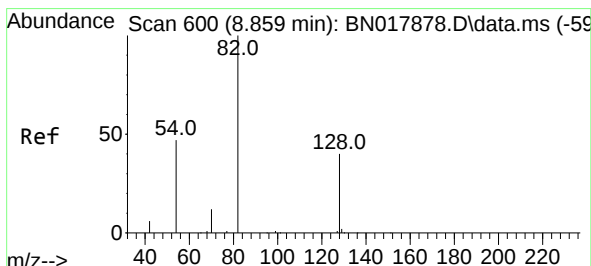
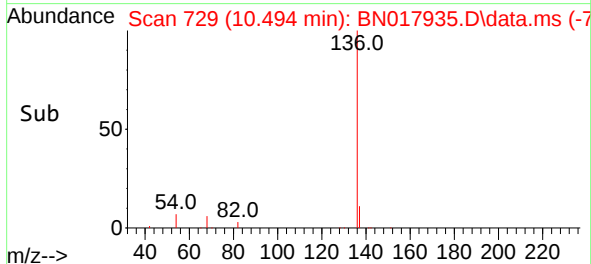
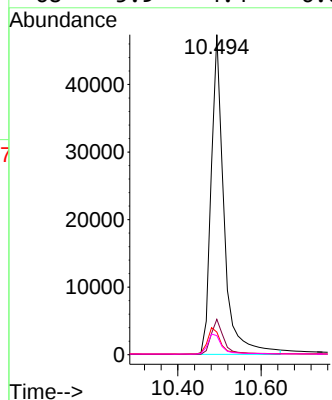
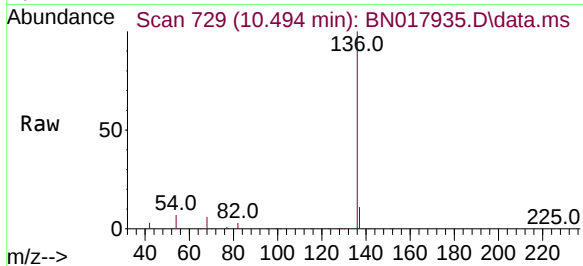




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

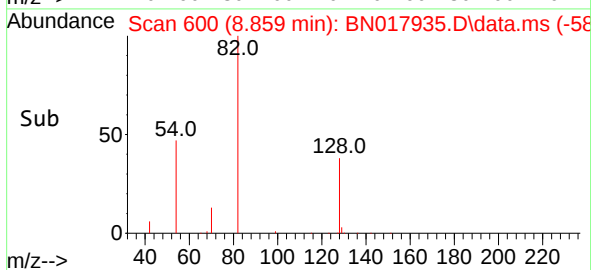
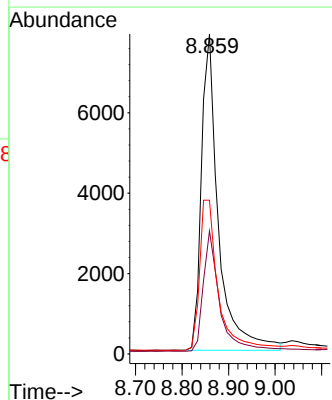
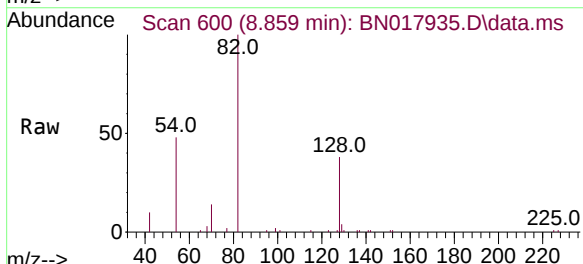
Instrument :
BNA_N
ClientSampleId :
MW203D2-20211205

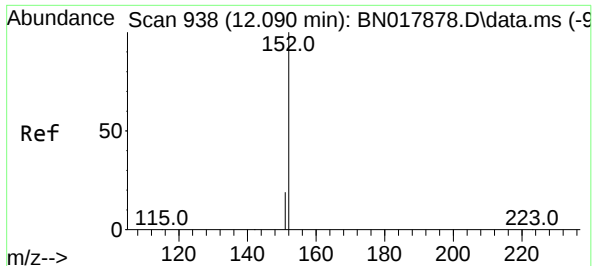
Tgt Ion:	136	Resp:	101518
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.1	5.1	7.7
68	5.9	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

Tgt Ion:	82	Resp:	20048
Ion Ratio	Lower	Upper	
82	100		
128	38.5	32.2	48.4
54	48.1	37.6	56.4

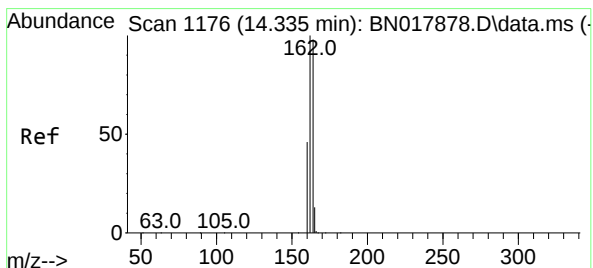
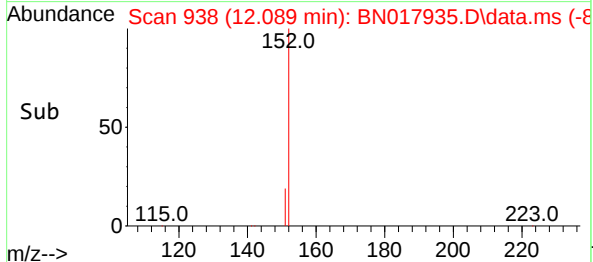
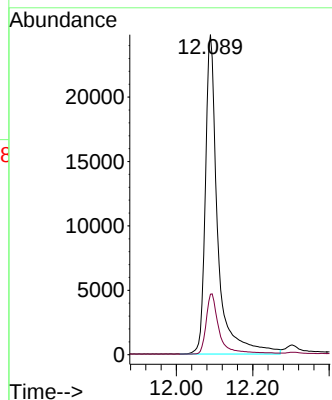
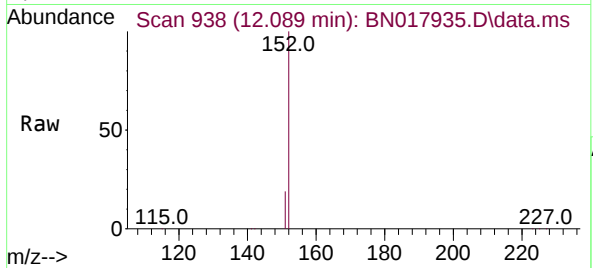




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.089 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

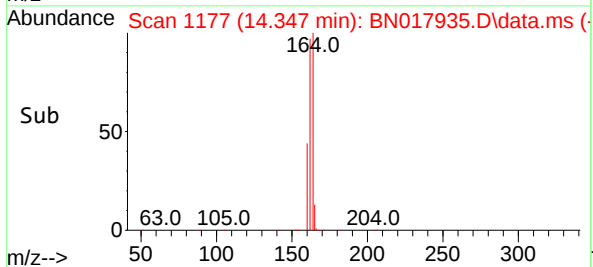
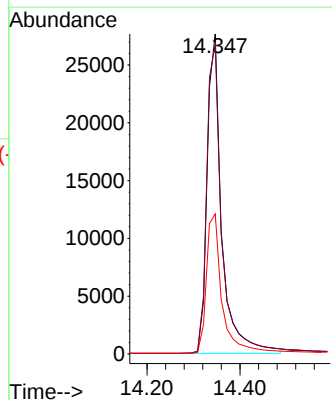
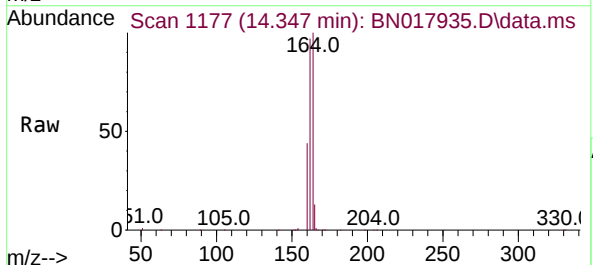
Instrument :
BNA_N
ClientSampleId :
MW203D2-20211205

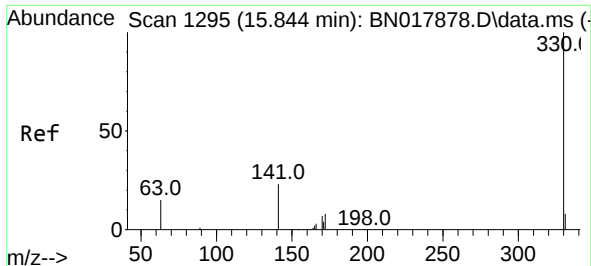
Tgt Ion:152 Resp: 55572
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. 0.012 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

Tgt Ion:164 Resp: 60653
Ion Ratio Lower Upper
164 100
162 96.7 82.1 123.1
160 43.7 38.2 57.2

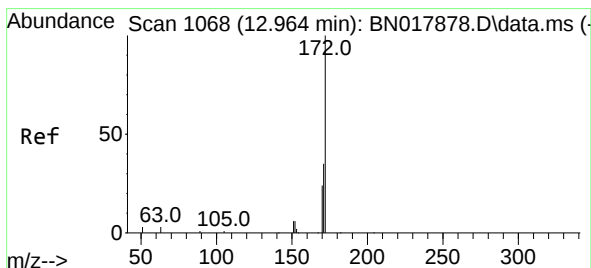
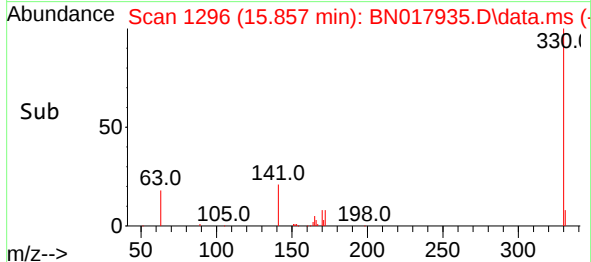
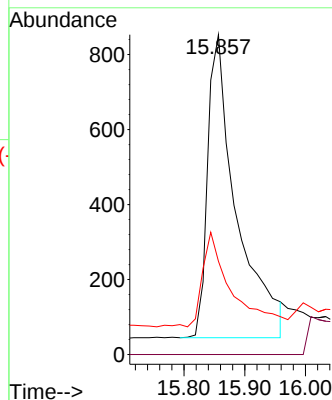
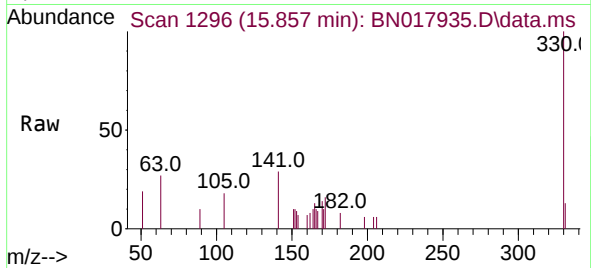




#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.857 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

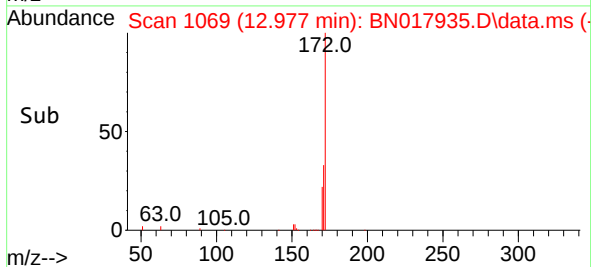
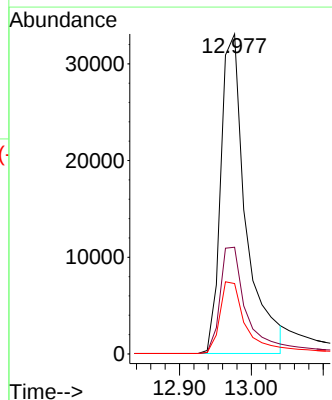
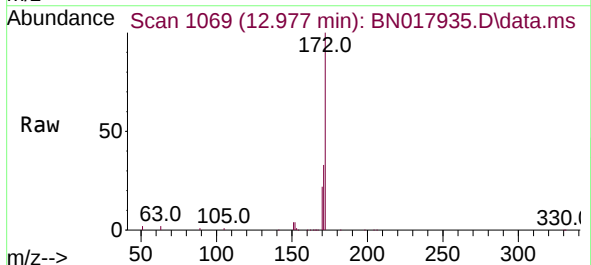
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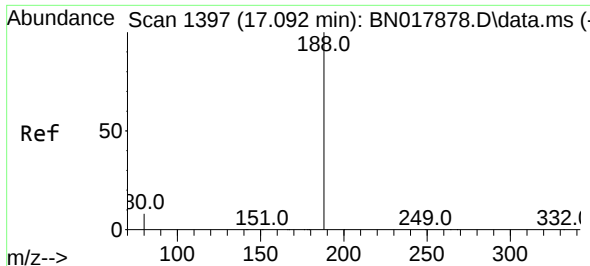
Tgt Ion:330 Resp: 2657
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.5 19.7 29.5



#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

Tgt Ion:172 Resp: 80270
Ion Ratio Lower Upper
172 100
171 33.4 28.3 42.5
170 22.0 19.1 28.7

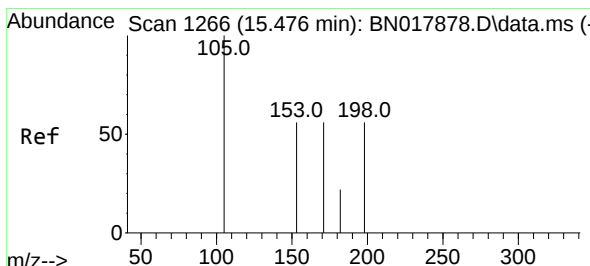
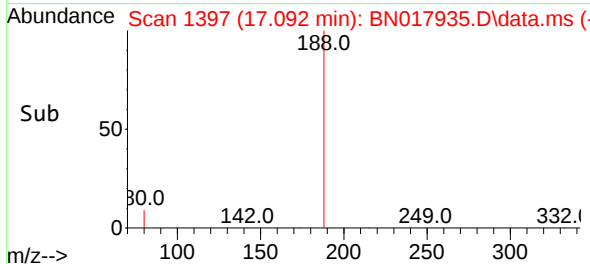
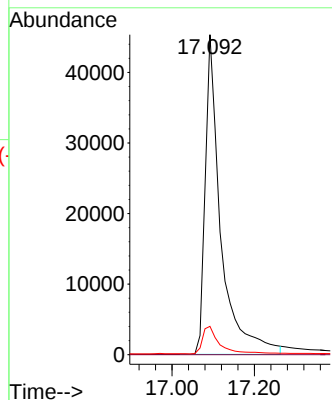
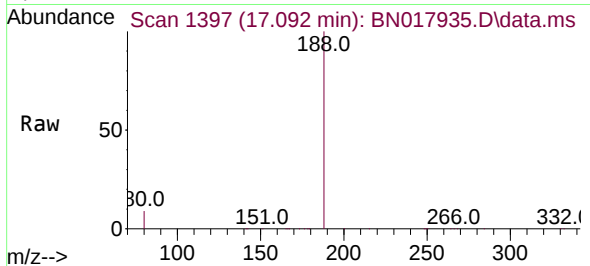




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

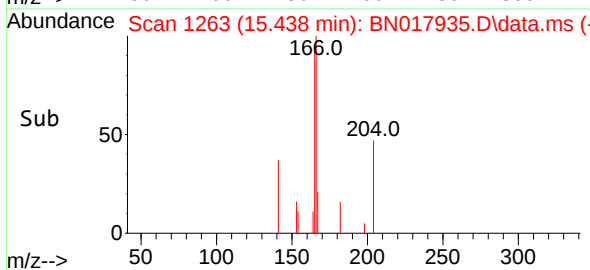
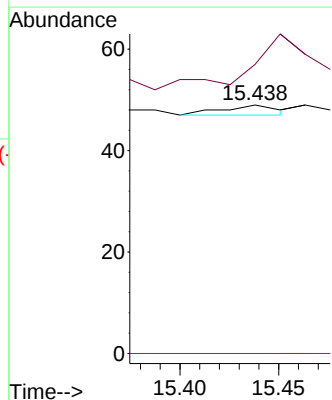
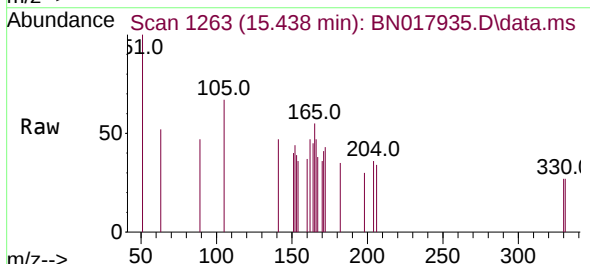
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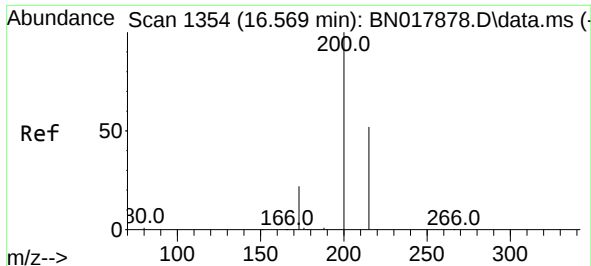
Tgt Ion:188 Resp: 118811
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.438 min Scan# 1263
Delta R.T. -0.038 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

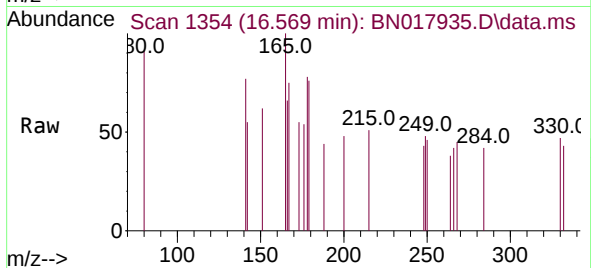
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 116.3 70.8 106.2#
77 0.0 0.0 0.0



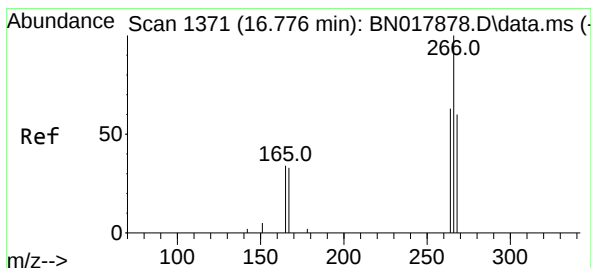
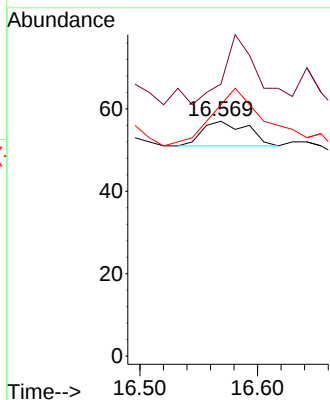
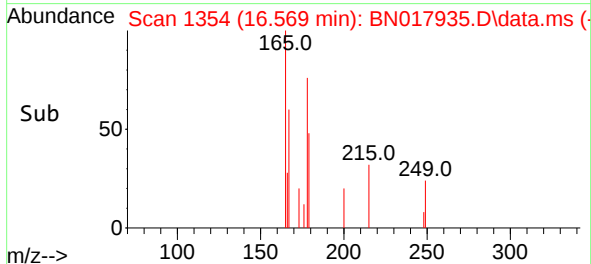


#23
Atrazine
Concen: 0.092 ng
RT: 16.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

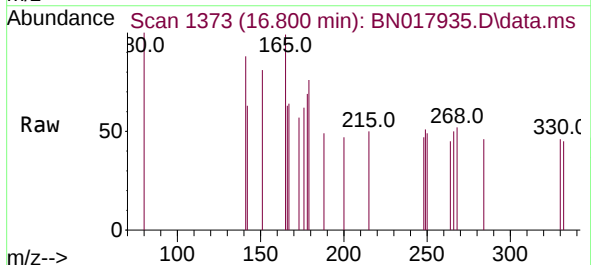
Instrument :
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MW203D2-20211205



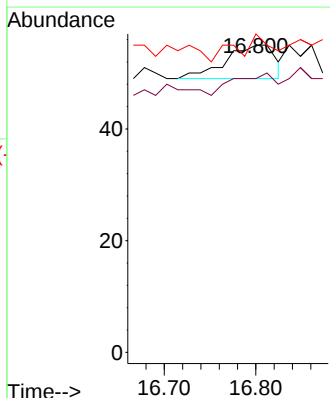
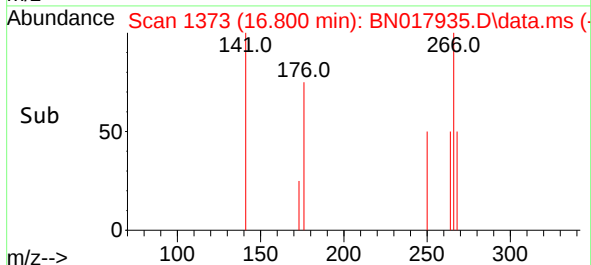
Tgt Ion:200 Resp: 16
Ion Ratio Lower Upper
200 100
173 115.8 18.2 27.2#
215 107.0 41.8 62.8#

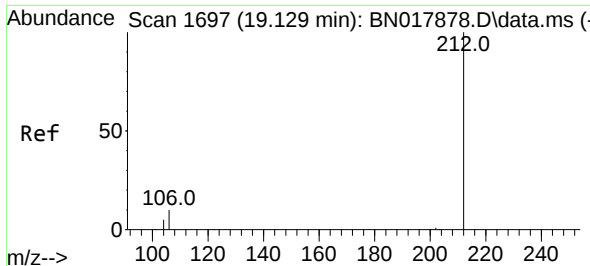


#24
Pentachlorophenol
Concen: 0.095 ng
RT: 16.800 min Scan# 1373
Delta R.T. 0.024 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53



Tgt Ion:266 Resp: 23
Ion Ratio Lower Upper
266 100
264 52.2 50.6 76.0
268 52.2 53.7 80.5#

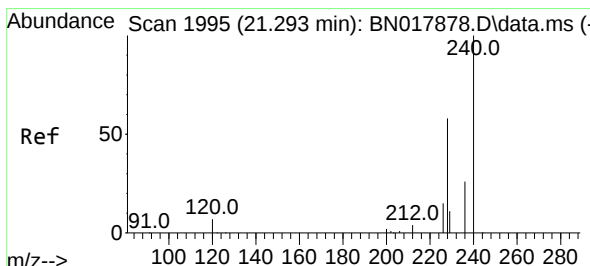
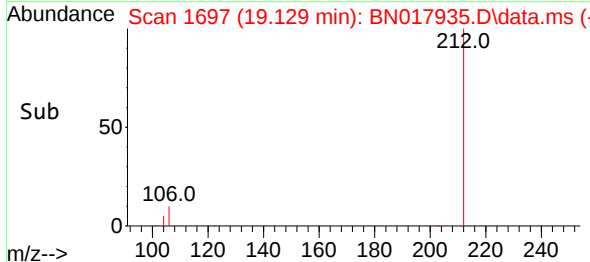
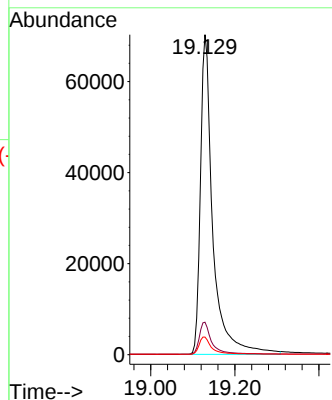
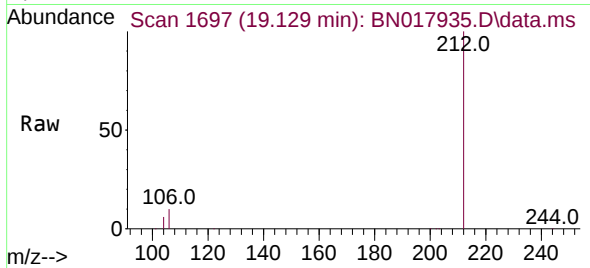




#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

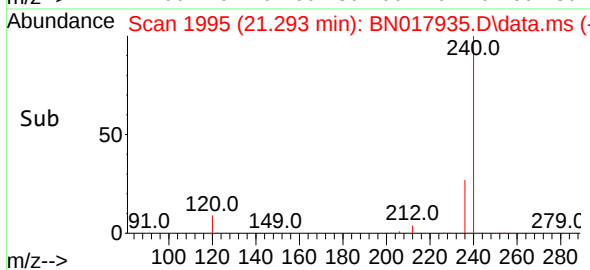
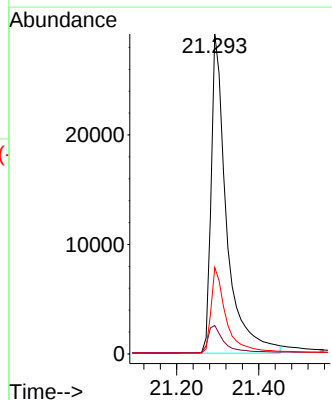
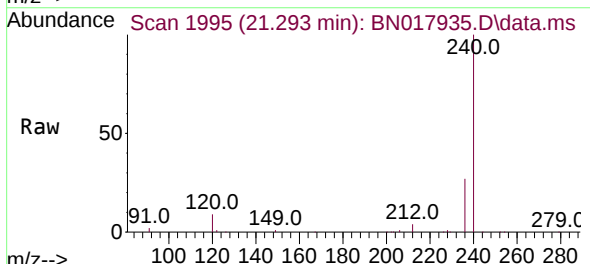
Instrument :
BNA_N
ClientSampleId :
MW203D2-20211205

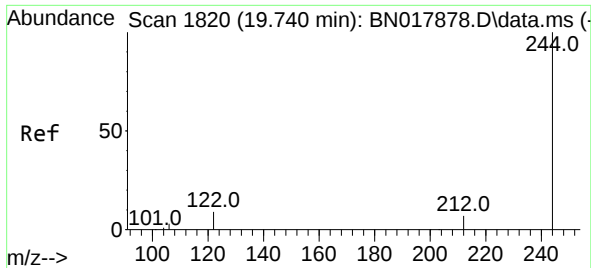
Tgt Ion:212 Resp: 144223
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.7 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017935.D
Acq: 12 Dec 2021 11:53

Tgt Ion:240 Resp: 76240
Ion Ratio Lower Upper
240 100
120 8.9 5.8 8.8#
236 27.0 21.0 31.6



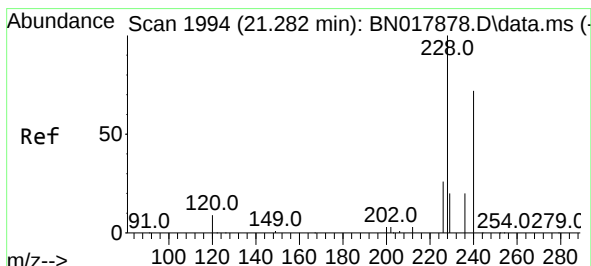
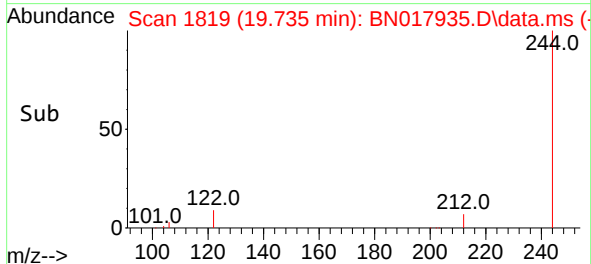
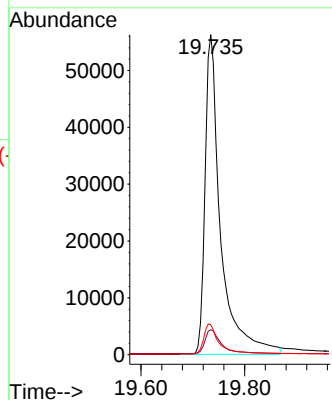
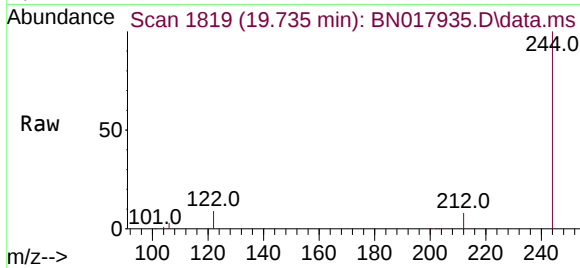


#31
 Terphenyl-d14
 Concen: 0.626 ng
 RT: 19.735 min Scan# 1819
 Delta R.T. -0.005 min
 Lab File: BN017935.D
 Acq: 12 Dec 2021 11:53

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20211205

Tgt Ion:244 Resp: 117767

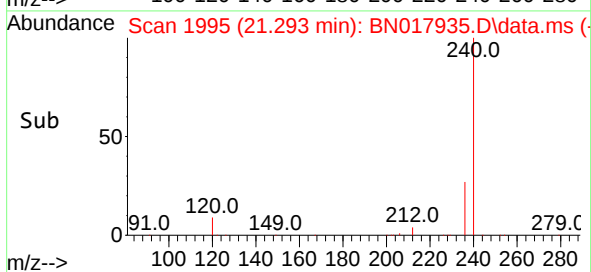
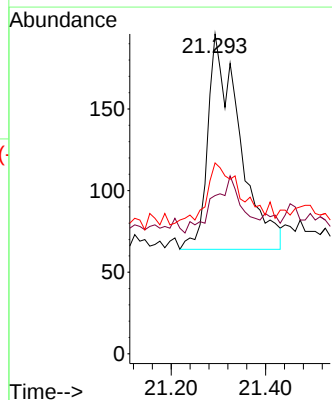
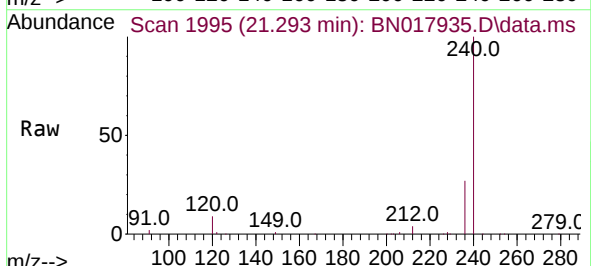
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	9.4	7.5	11.3

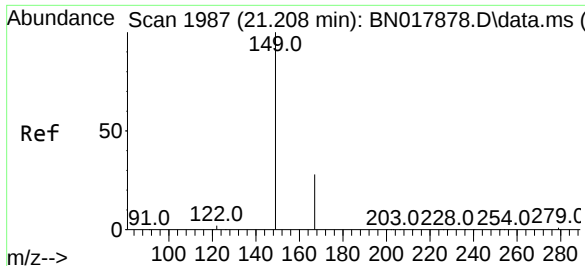


#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.293 min Scan# 1995
 Delta R.T. 0.011 min
 Lab File: BN017935.D
 Acq: 12 Dec 2021 11:53

Tgt Ion:228 Resp: 617

Ion	Ratio	Lower	Upper
228	100		
226	49.5	21.0	31.4#
229	59.7	15.8	23.8#

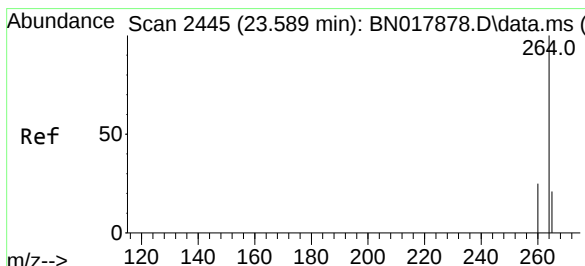
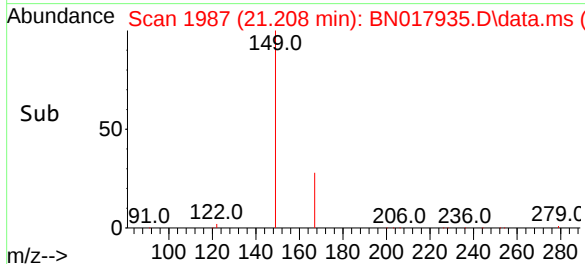
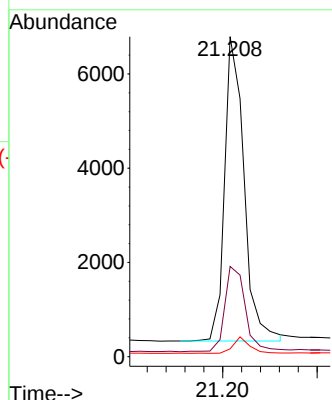
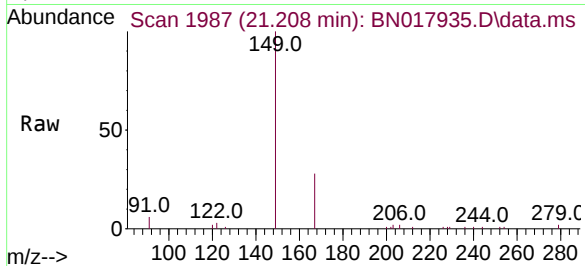




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017935.D
 Acq: 12 Dec 2021 11:53

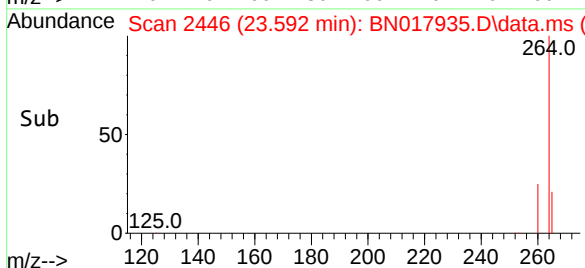
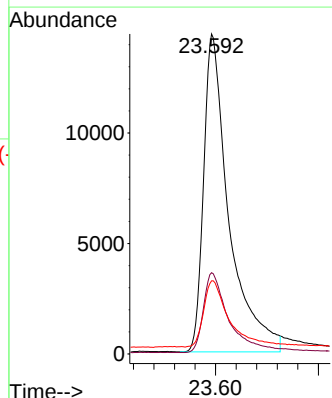
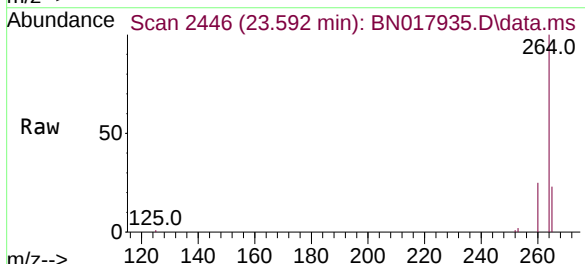
Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20211205

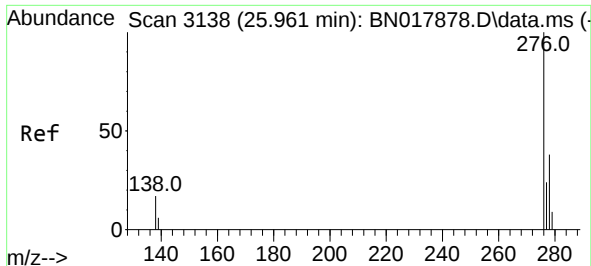
Tgt Ion:	149	Resp:	9216
Ion Ratio	Lower	Upper	
149	100		
167	29.7	23.4	35.0
279	4.6	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2446
 Delta R.T. 0.003 min
 Lab File: BN017935.D
 Acq: 12 Dec 2021 11:53

Tgt Ion:	264	Resp:	49162
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.2	30.4
265	22.9	18.2	27.4

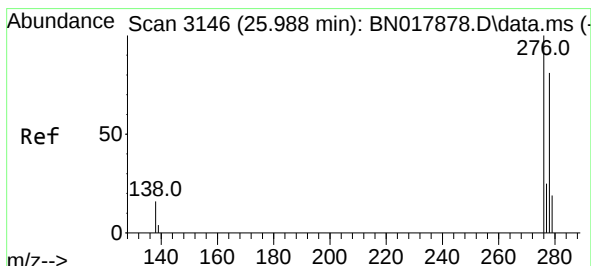
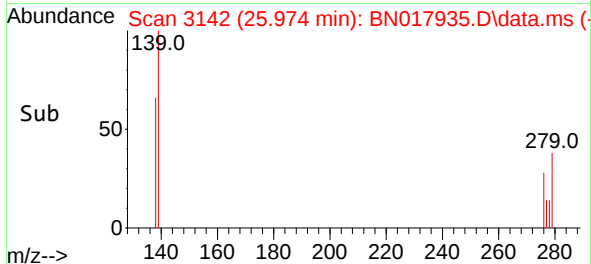
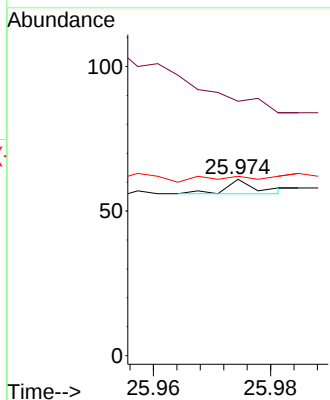
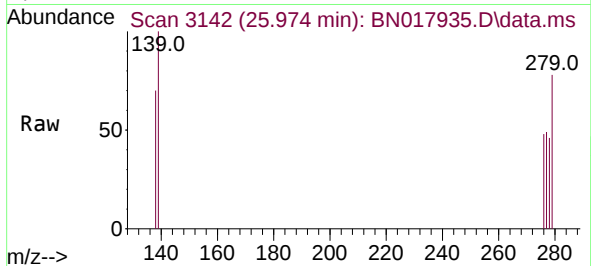




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.974 min Scan# 3142
 Delta R.T. 0.013 min
 Lab File: BN017935.D
 Acq: 12 Dec 2021 11:53

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20211205

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



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.995 min Scan# 3148
 Delta R.T. 0.007 min
 Lab File: BN017935.D
 Acq: 12 Dec 2021 11:53

Tgt Ion:278 Resp: 5
 Ion Ratio Lower Upper
 278 100
 139 196.7 12.0 18.0#
 279 153.3 20.8 31.2#

