

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017939.D
 Acq On : 12 Dec 2021 14:17
 Operator : CG/JU
 Sample : M4957-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20211206

Quant Time: Dec 13 00:40:08 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)

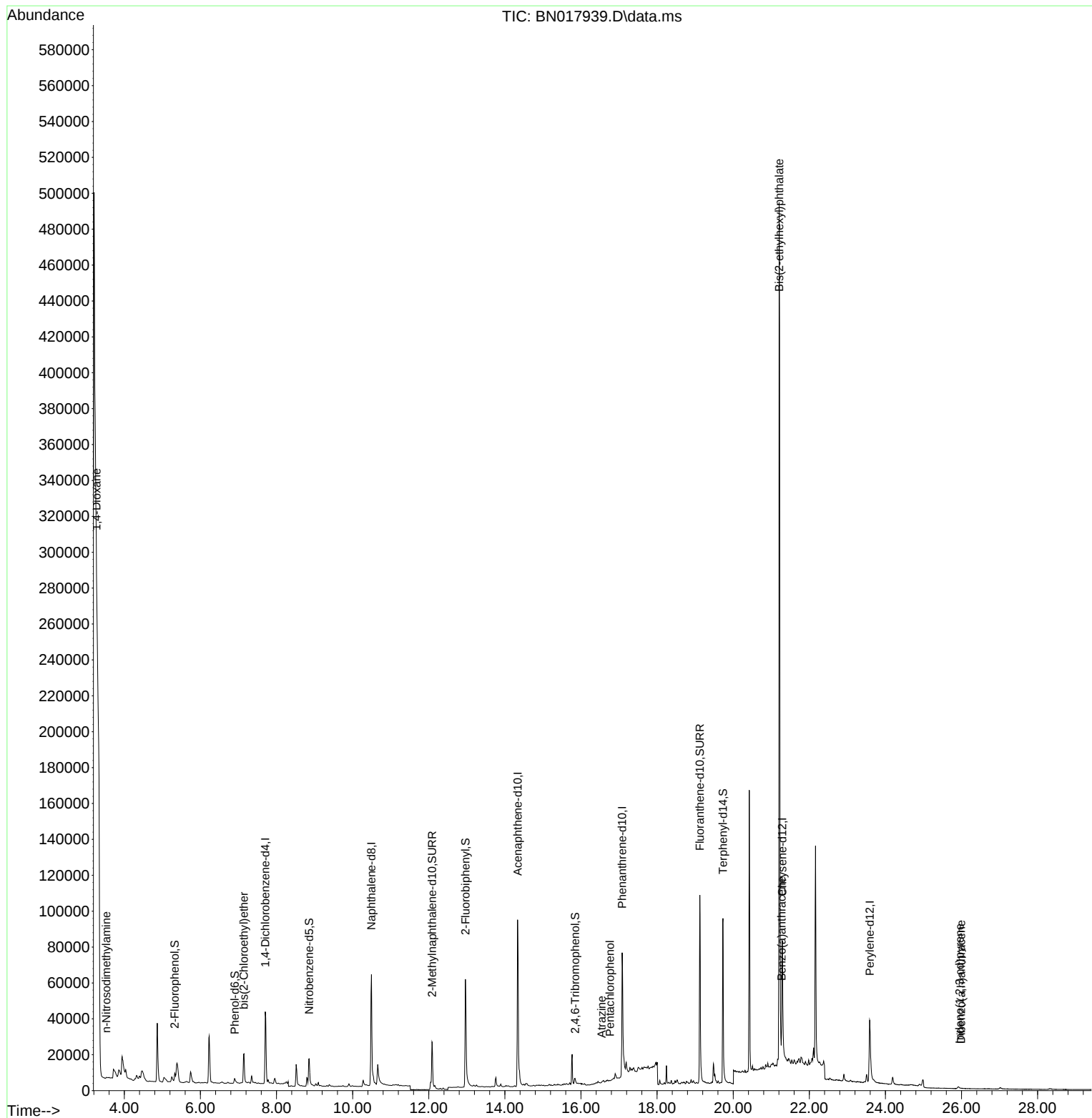
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.706	152	24786	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	101097	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	65902	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	129749	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	95851	0.400	ng	0.00
35) Perylene-d12	23.586	264	68258	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	6037	0.118	ng	0.00
5) Phenol-d6	6.903	99	3104	0.061	ng	0.00
8) Nitrobenzene-d5	8.859	82	17881	0.271	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	55396	0.312	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4121	0.447	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	68637	0.296	ng	0.00
27) Fluoranthene-d10	19.124	212	147042	0.350	ng	0.00
31) Terphenyl-d14	19.730	244	121255	0.513	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	15054	2.001	ng	93
3) n-Nitrosodimethylamine	3.529	42	532	0.023	ng	# 1
6) bis(2-Chloroethyl)ether	7.143	93	13340	0.214	ng	91
20) 4,6-Dinitro-2-methylph...	15.438	198	17	Below Cal	#	1
23) Atrazine	16.545	200	83	0.093	ng	# 9
24) Pentachlorophenol	16.764	266	45	0.105	ng	# 42
32) Benzo(a)anthracene	21.272	228	1100	0.053	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.208	149	520513	5.058	ng	100
36) Indeno(1,2,3-cd)pyrene	25.951	276	24	0.089	ng	# 54
40) Dibenzo(a,h)anthracene	25.988	278	3	0.101	ng	# 1

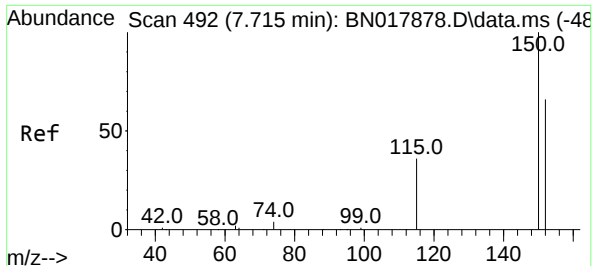
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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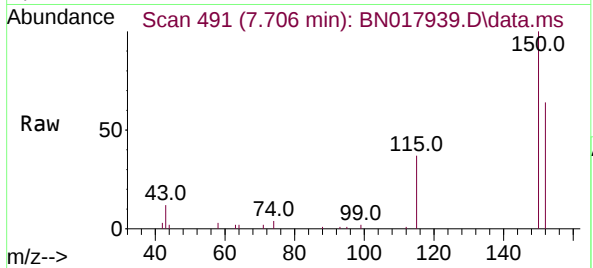
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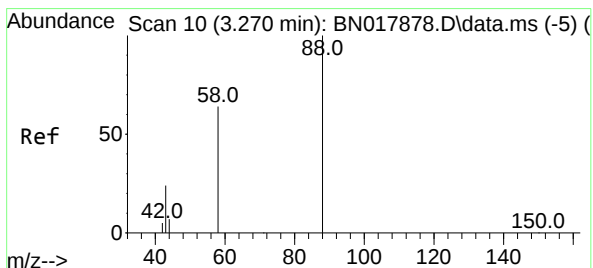
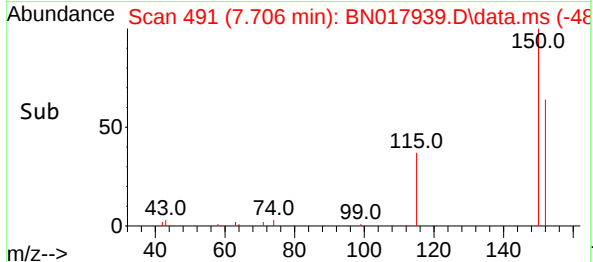
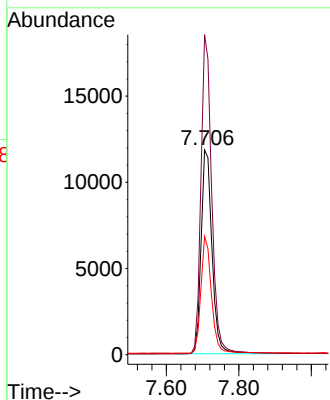


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.706 min Scan# 491
 Delta R.T. -0.009 min
 Lab File: BN017939.D
 Acq: 12 Dec 2021 14:17

Instrument :
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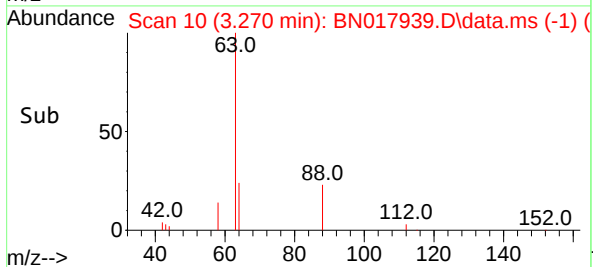
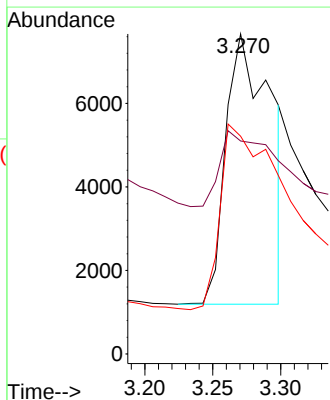
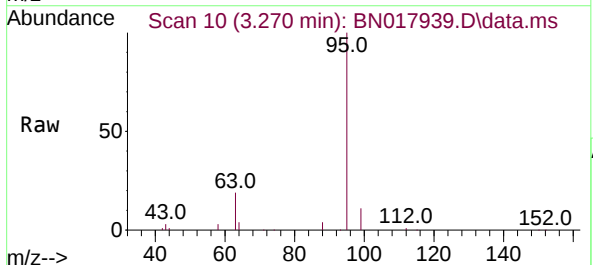


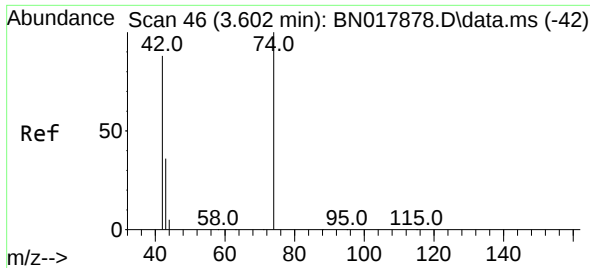
Tgt Ion:152 Resp: 24786
 Ion Ratio Lower Upper
 152 100
 150 156.3 121.9 182.9
 115 57.7 44.1 66.1



#2
 1,4-Dioxane
 Concen: 2.001 ng
 RT: 3.270 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017939.D
 Acq: 12 Dec 2021 14:17

Tgt Ion: 88 Resp: 15054
 Ion Ratio Lower Upper
 88 100
 43 29.7 28.0 42.0
 58 75.9 65.4 98.0

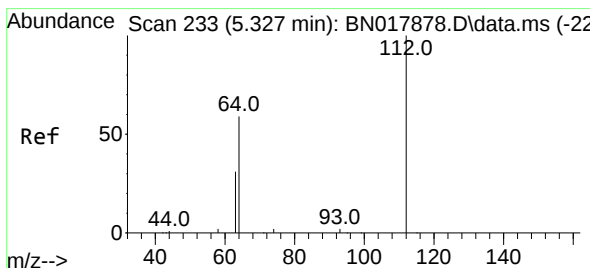
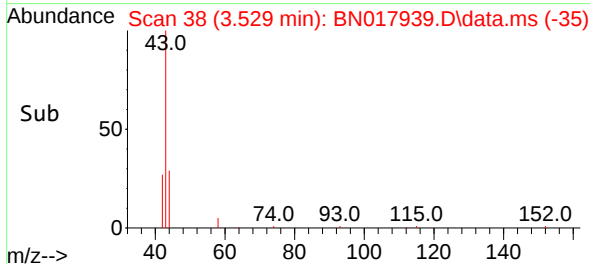
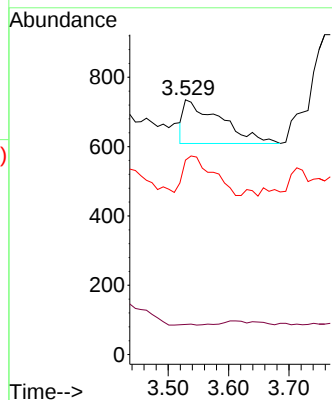
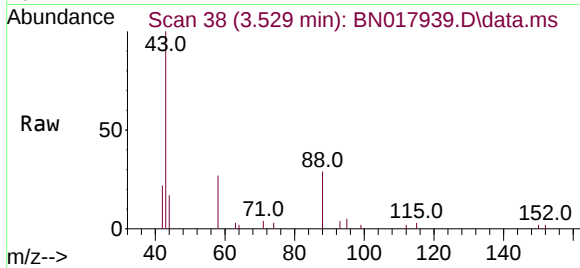




#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.529 min Scan# 31
Delta R.T. -0.074 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

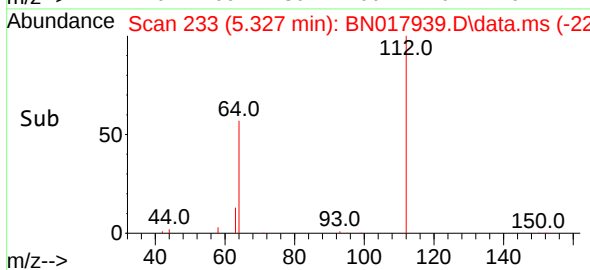
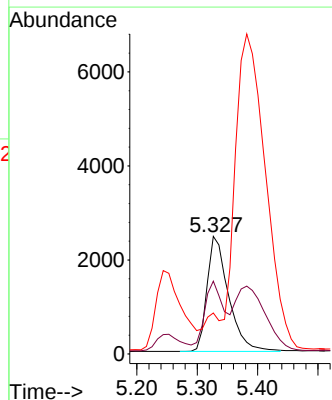
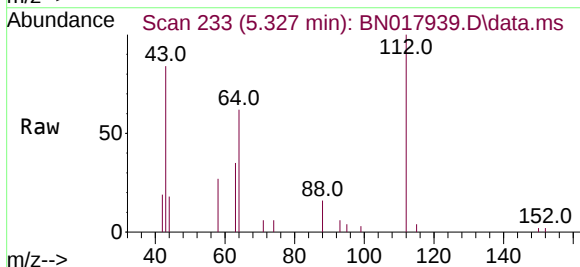
Instrument :
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ClientSampleId :
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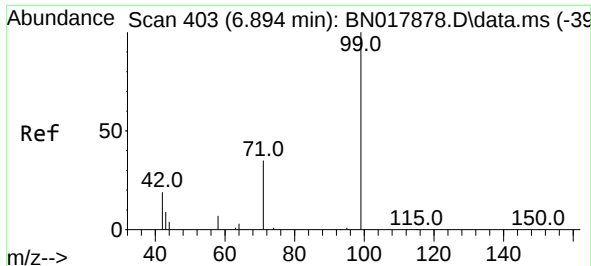
Tgt Ion: 42 Resp: 532
Ion Ratio Lower Upper
42 100
74 0.6 100.6 150.8#
44 68.6 5.2 7.8#



#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.327 min Scan# 233
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

Tgt Ion: 112 Resp: 6037
Ion Ratio Lower Upper
112 100
64 48.6 49.0 73.4#
63 0.0 26.2 39.2#

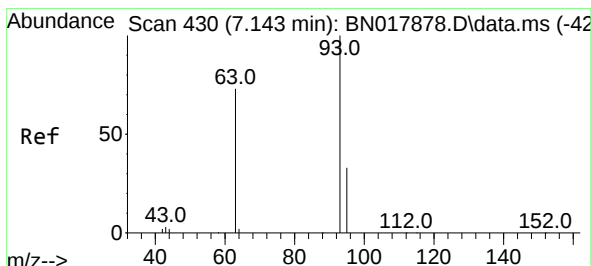
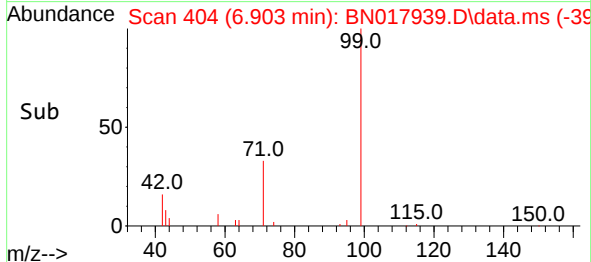
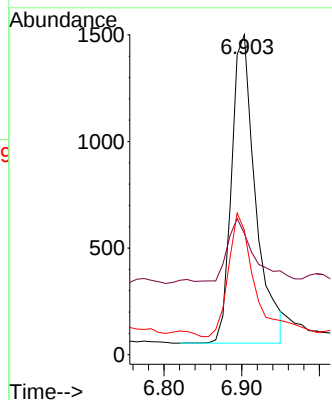
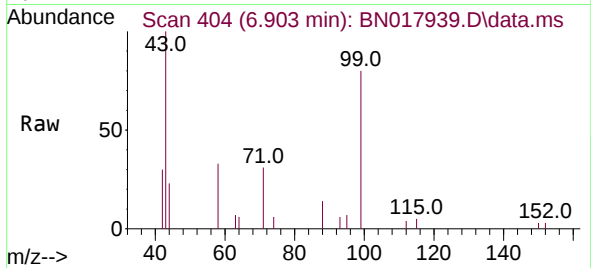




#5
Phenol-d6
Concen: 0.061 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

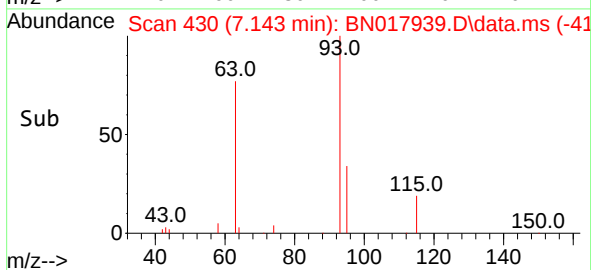
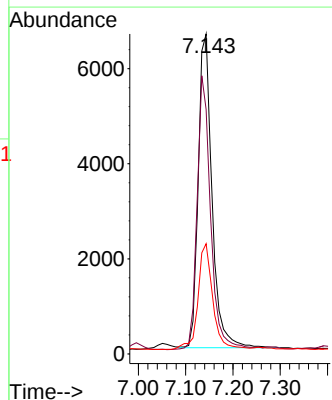
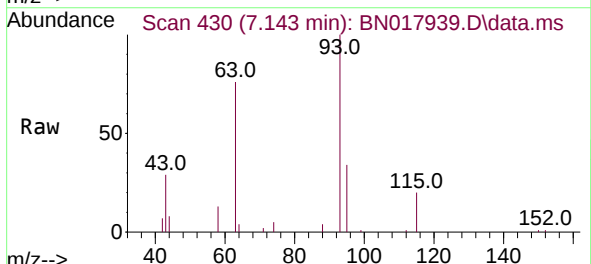
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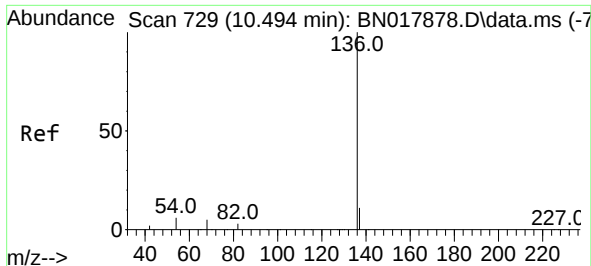
Tgt Ion: 99 Resp: 3104
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 41.5 28.0 42.0



#6
bis(2-Chloroethyl)ether
Concen: 0.214 ng
RT: 7.143 min Scan# 430
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

Tgt Ion: 93 Resp: 13340
Ion Ratio Lower Upper
93 100
63 86.0 62.0 93.0
95 36.4 26.2 39.4

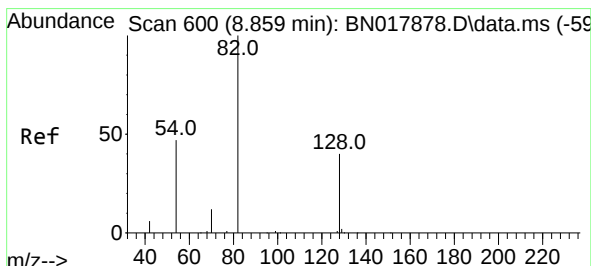
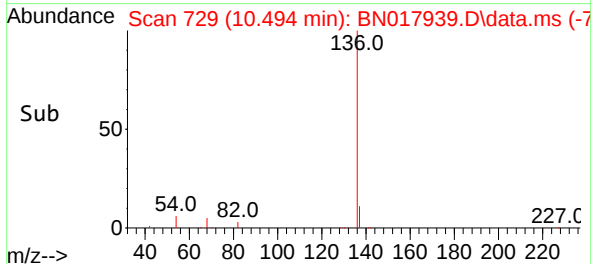
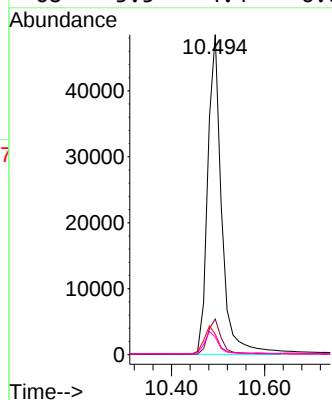
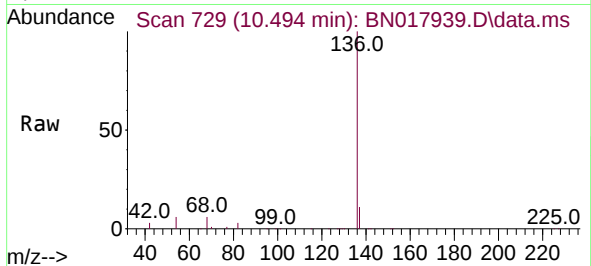




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

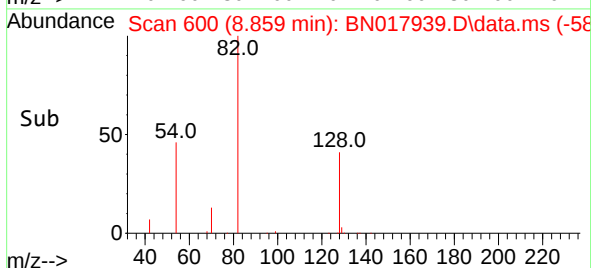
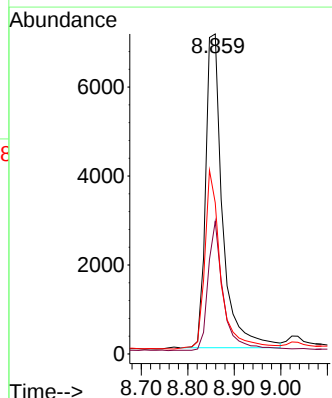
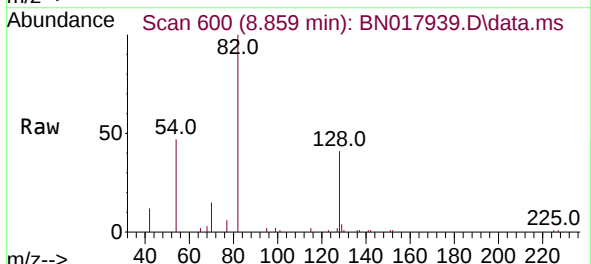
Instrument :
BNA_N
ClientSampleId :
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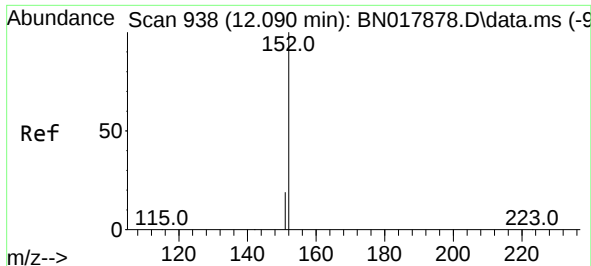
Tgt Ion:	136	Resp:	101097
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.4	5.1	7.7
68	5.5	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

Tgt Ion:	82	Resp:	17881
Ion Ratio	Lower	Upper	
82	100		
128	41.5	32.2	48.4
54	47.2	37.6	56.4

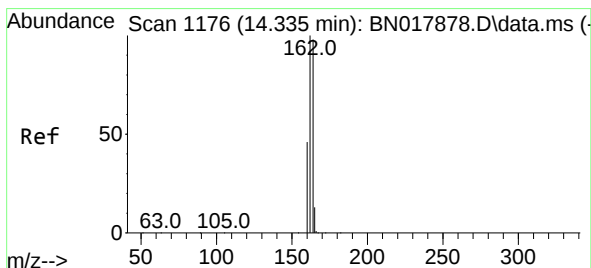
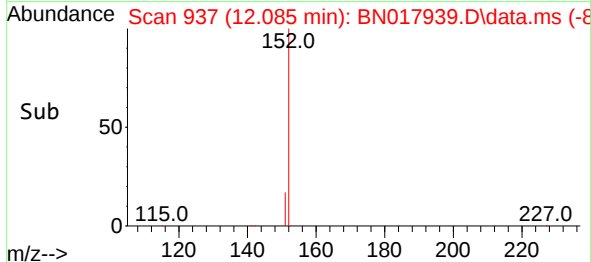
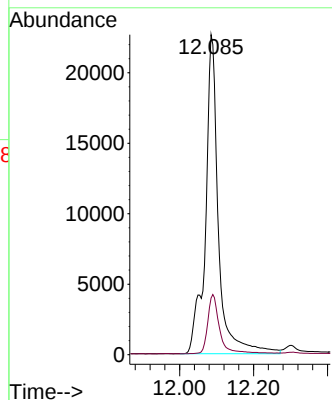
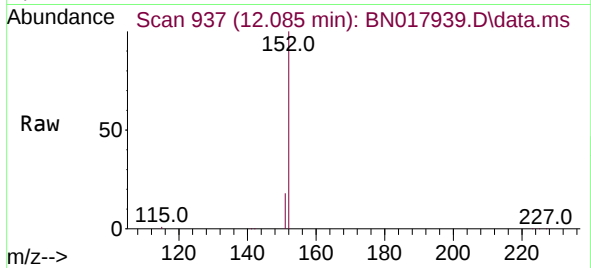




#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.085 min Scan# 911
Delta R.T. -0.004 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

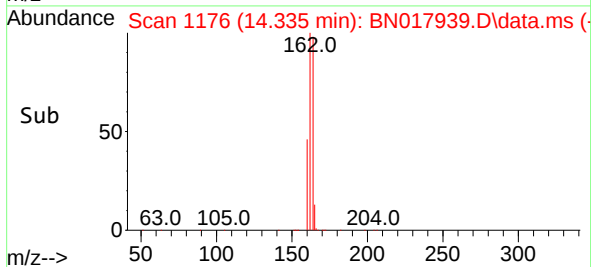
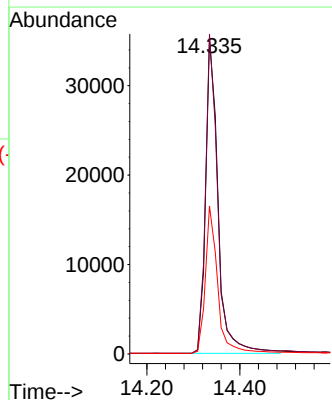
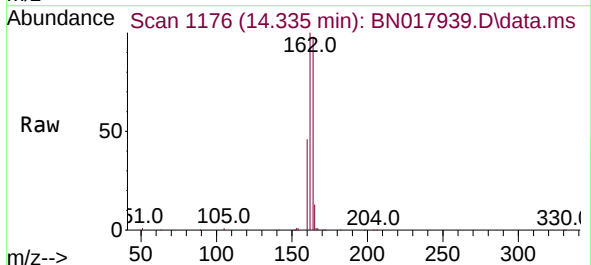
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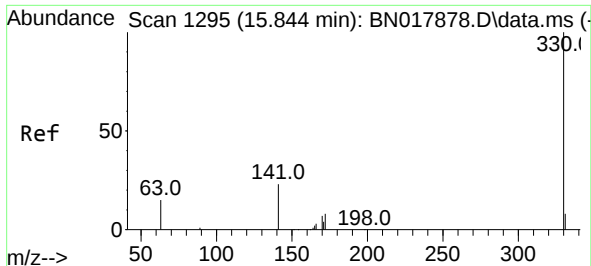
Tgt Ion:152 Resp: 55396
Ion Ratio Lower Upper
152 100
151 16.9 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

Tgt Ion:164 Resp: 65902
Ion Ratio Lower Upper
164 100
162 101.6 82.1 123.1
160 47.0 38.2 57.2

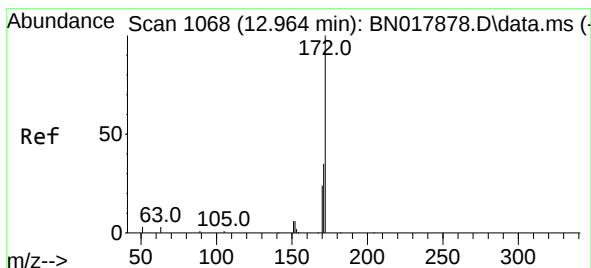
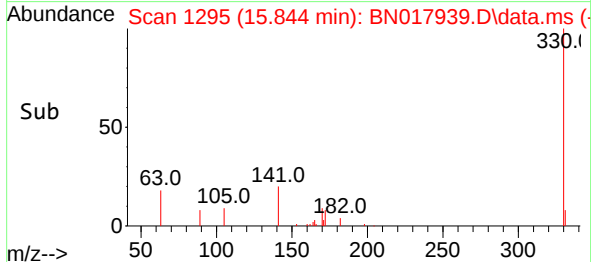
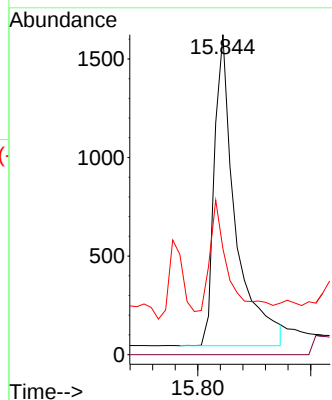
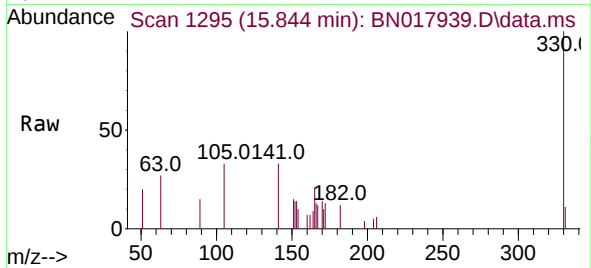




#14
2,4,6-Tribromophenol
Concen: 0.447 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

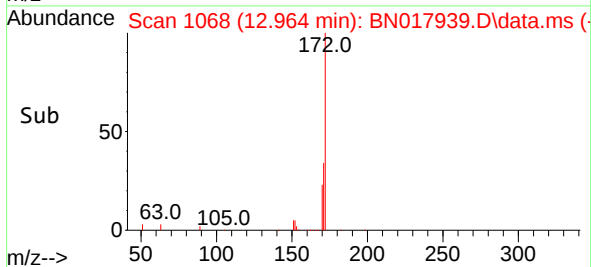
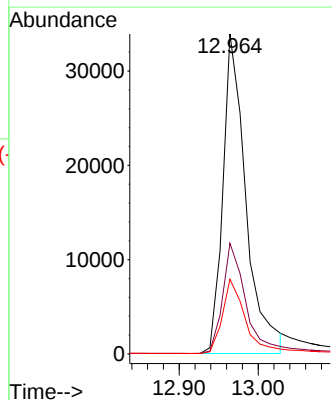
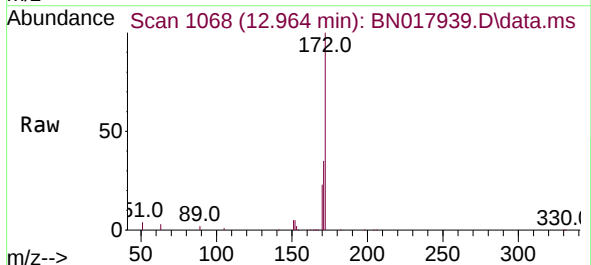
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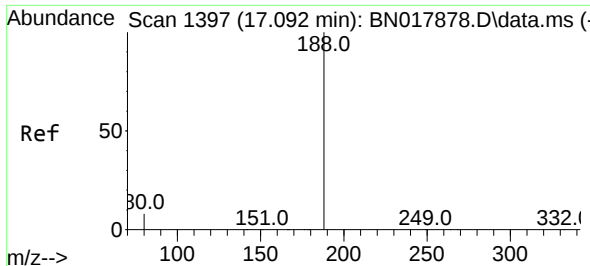
Tgt Ion: 330 Resp: 4121
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.6 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

Tgt Ion: 172 Resp: 68637
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.3 19.1 28.7

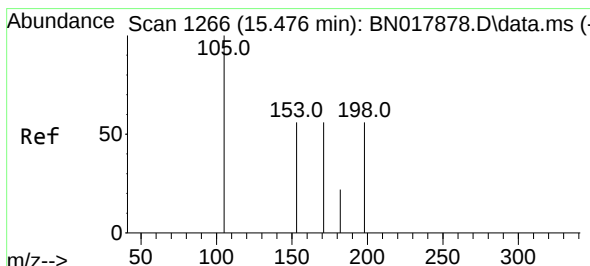
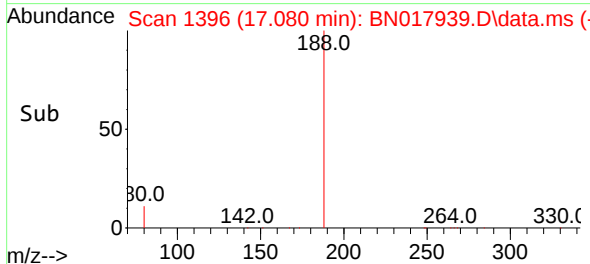
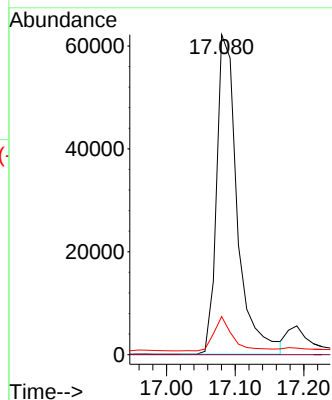
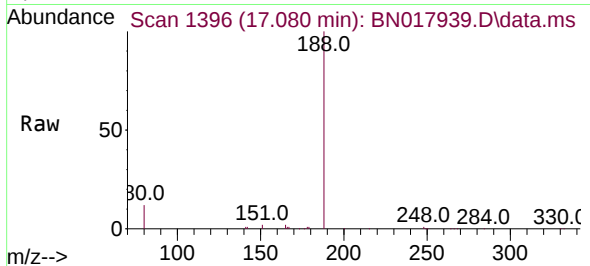




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

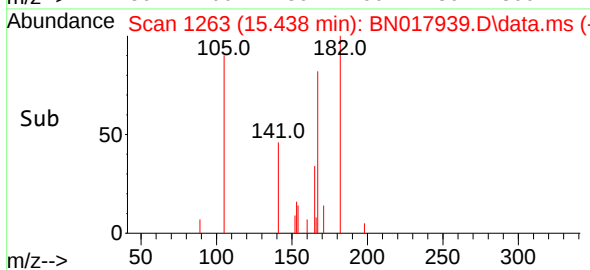
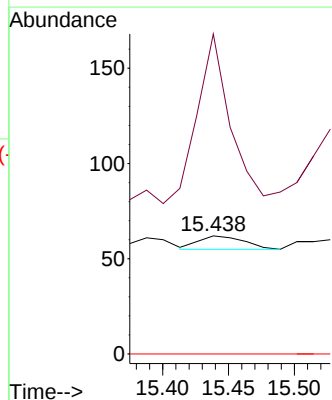
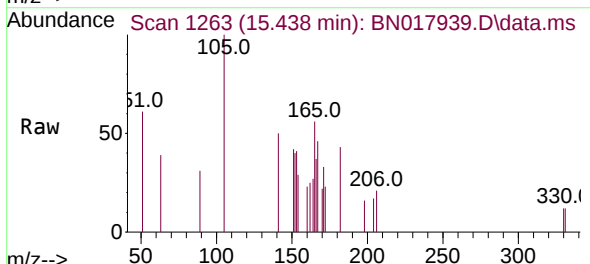
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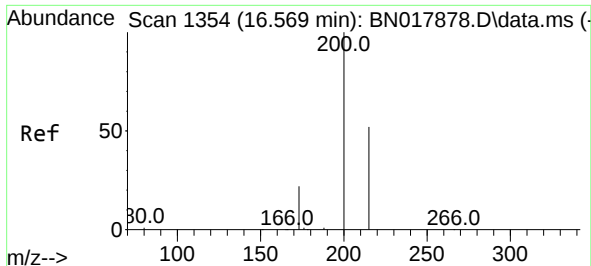
Tgt Ion:188 Resp: 129749
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 6.2 9.2#



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.438 min Scan# 1263
Delta R.T. -0.038 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
182 271.0 70.8 106.2#
77 0.0 0.0 0.0

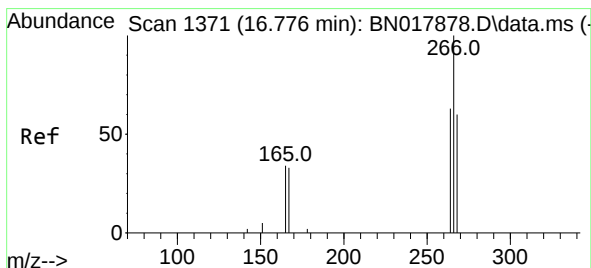
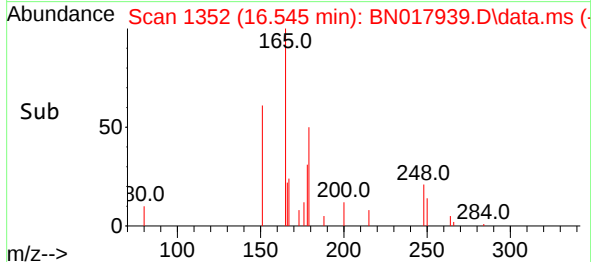
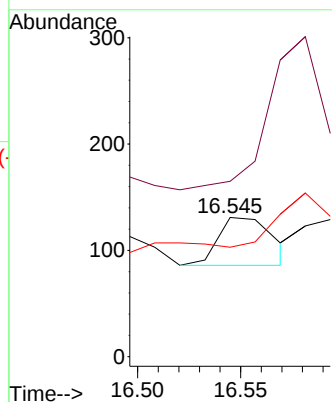
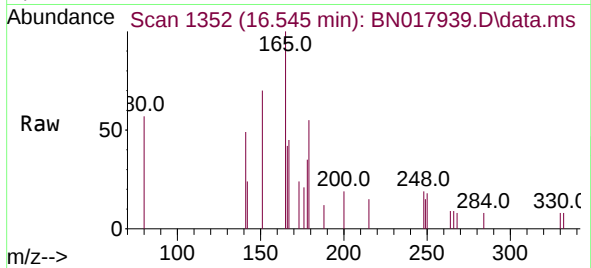




#23
Atrazine
Concen: 0.093 ng
RT: 16.545 min Scan# 11
Delta R.T. -0.024 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

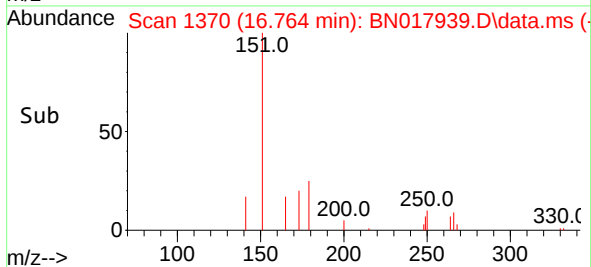
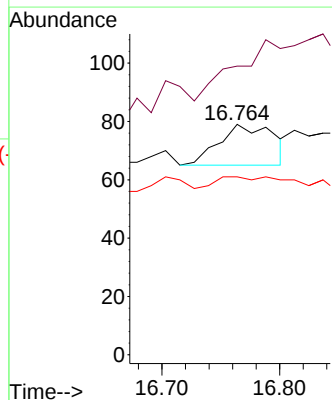
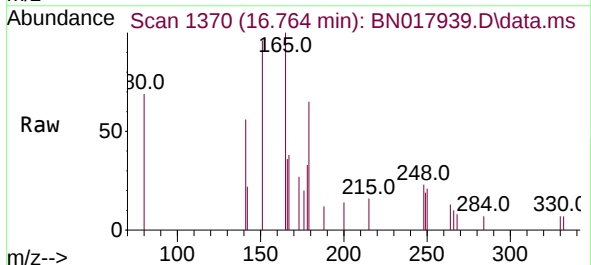
Instrument :
BNA_N
ClientSampleId :
MW17811-20211206

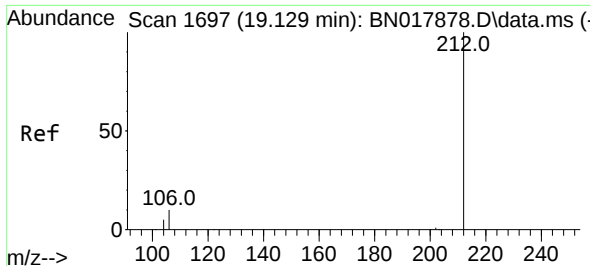
Tgt Ion:200 Resp: 83
Ion Ratio Lower Upper
200 100
173 126.0 18.2 27.2#
215 78.6 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.105 ng
RT: 16.764 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

Tgt Ion:266 Resp: 45
Ion Ratio Lower Upper
266 100
264 0.0 50.6 76.0#
268 37.8 53.7 80.5#

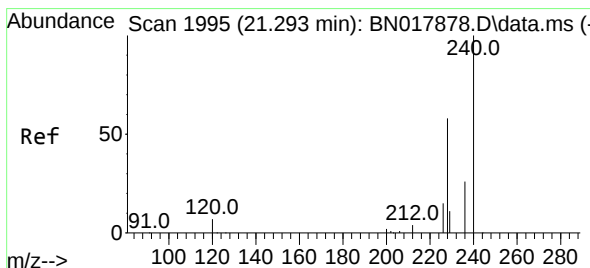
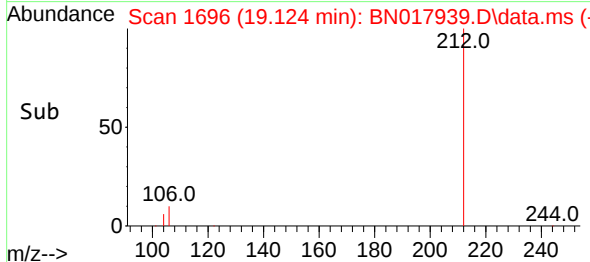
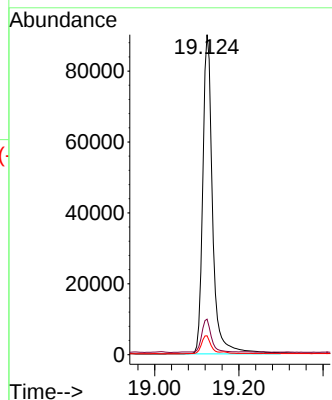
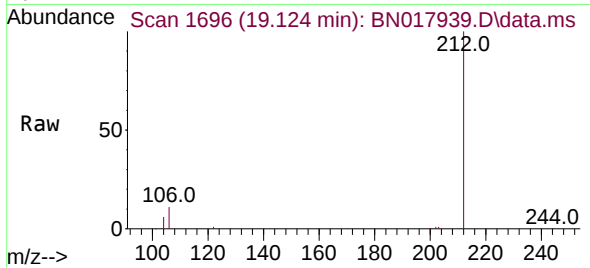




#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

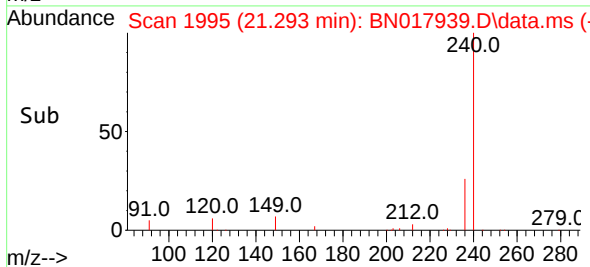
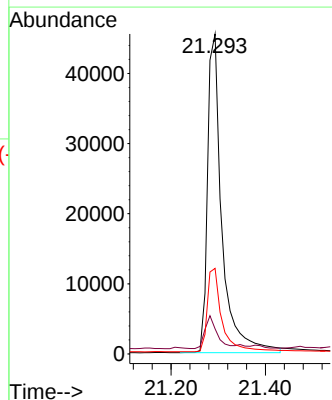
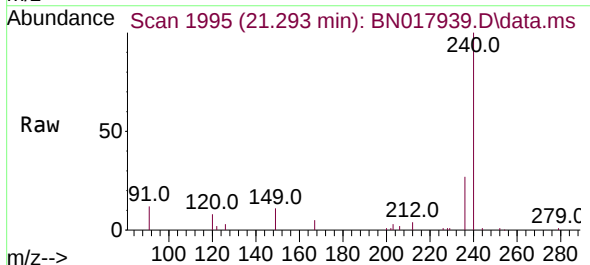
Instrument :
BNA_N
ClientSampleId :
MW17811-20211206

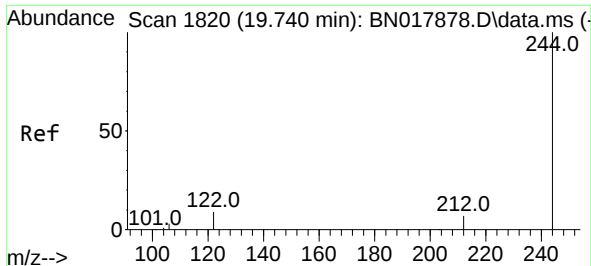
Tgt Ion:212 Resp: 147042
Ion Ratio Lower Upper
212 100
106 9.8 8.3 12.5
104 5.4 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

Tgt Ion:240 Resp: 95851
Ion Ratio Lower Upper
240 100
120 7.8 5.8 8.8
236 26.8 21.0 31.6

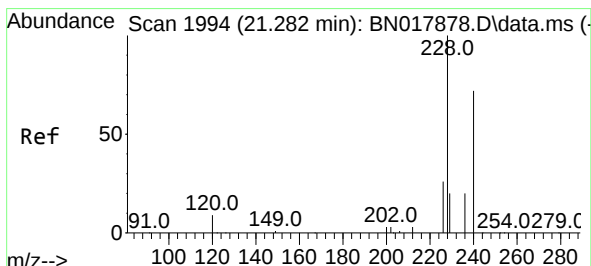
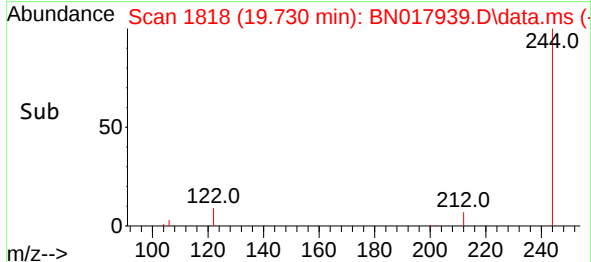
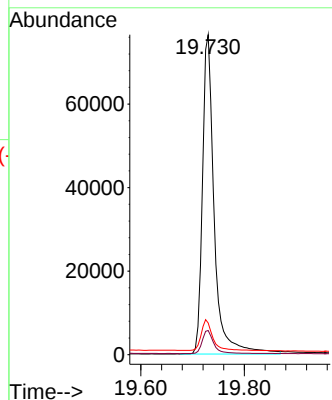
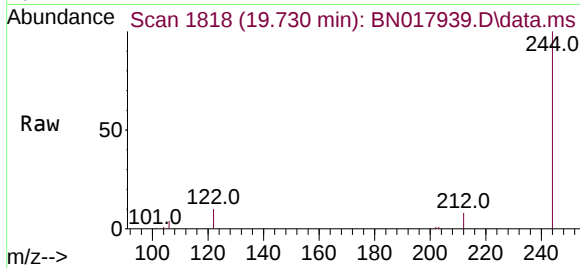




#31
 Terphenyl-d14
 Concen: 0.513 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017939.D
 Acq: 12 Dec 2021 14:17

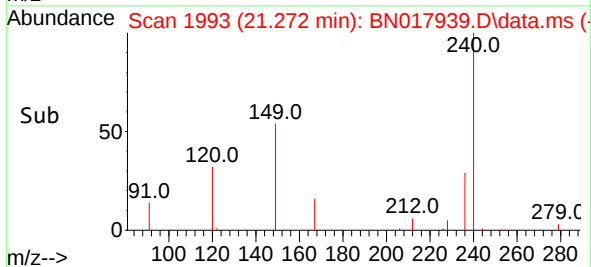
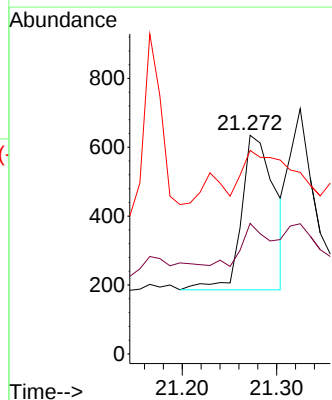
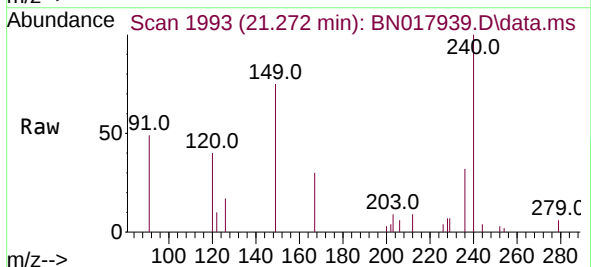
Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20211206

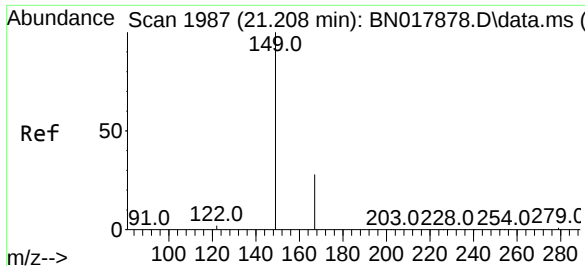
Tgt Ion:244 Resp: 121255
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.9 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.053 ng
 RT: 21.272 min Scan# 1993
 Delta R.T. -0.010 min
 Lab File: BN017939.D
 Acq: 12 Dec 2021 14:17

Tgt Ion:228 Resp: 1100
 Ion Ratio Lower Upper
 228 100
 226 59.7 21.0 31.4#
 229 93.1 15.8 23.8#

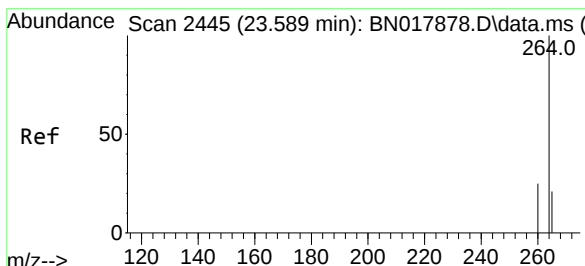
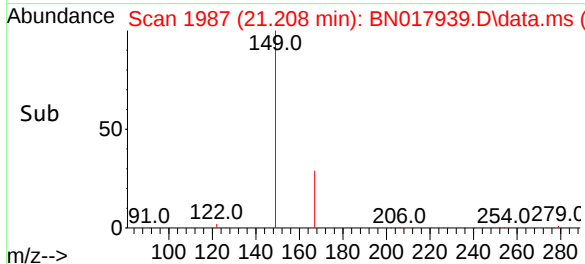
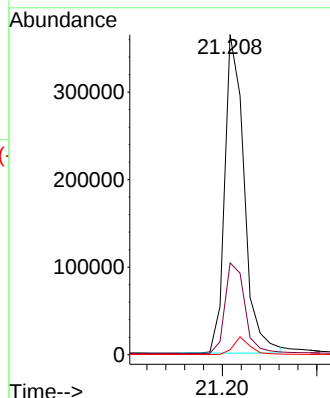
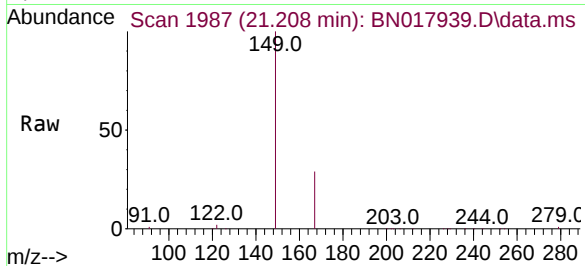




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 5.058 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017939.D
 Acq: 12 Dec 2021 14:17

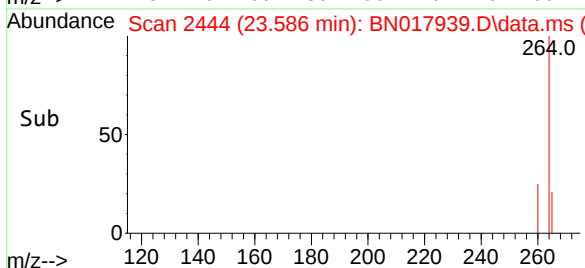
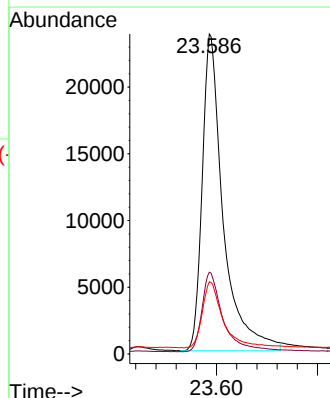
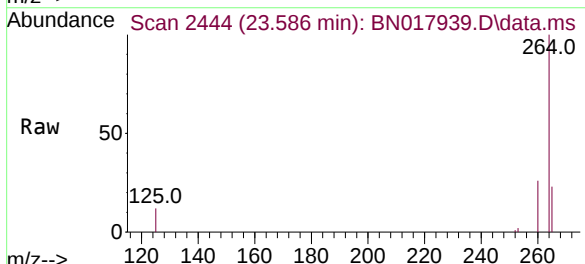
Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20211206

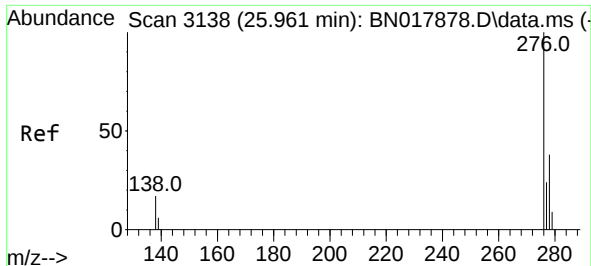
Tgt Ion:149 Resp: 520513
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.4 35.0
 279 4.7 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2444
 Delta R.T. -0.003 min
 Lab File: BN017939.D
 Acq: 12 Dec 2021 14:17

Tgt Ion:264 Resp: 68258
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.2 30.4
 265 22.6 18.2 27.4

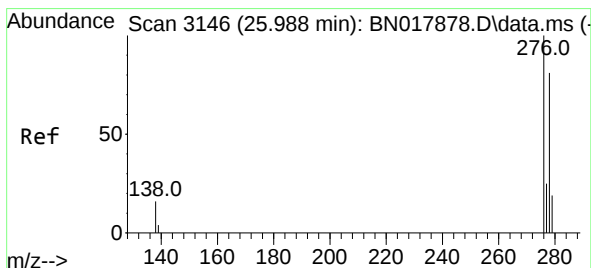
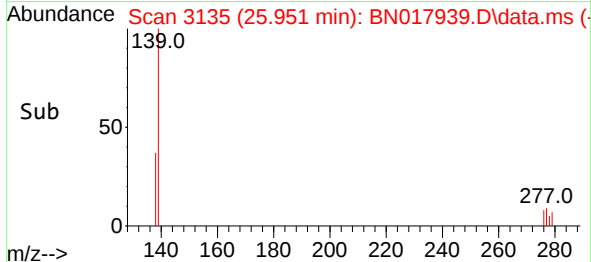
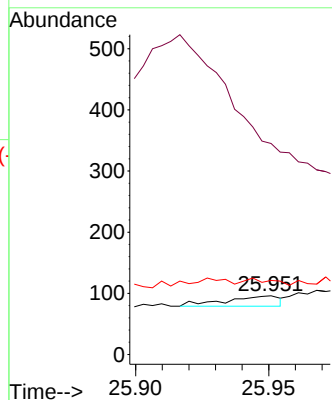
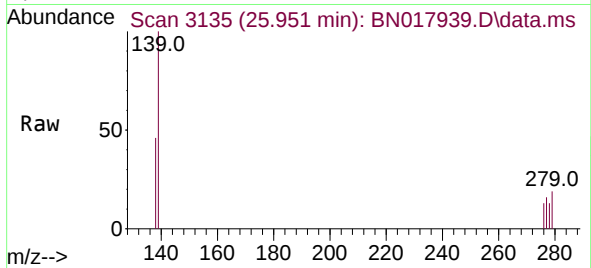




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.951 min Scan# 3138
 Delta R.T. -0.010 min
 Lab File: BN017939.D
 Acq: 12 Dec 2021 14:17

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20211206

Tgt Ion:276 Resp: 24
 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: 25.988 min Scan# 3146
 Delta R.T. 0.000 min
 Lab File: BN017939.D
 Acq: 12 Dec 2021 14:17

Tgt Ion:278 Resp: 3
 Ion Ratio Lower Upper
 278 100
 139 605.1 12.0 18.0#
 279 138.4 20.8 31.2#

