

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017937.D
 Acq On : 12 Dec 2021 13:05
 Operator : CG/JU
 Sample : M4956-20
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20211205

Quant Time: Dec 13 00:39:50 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)

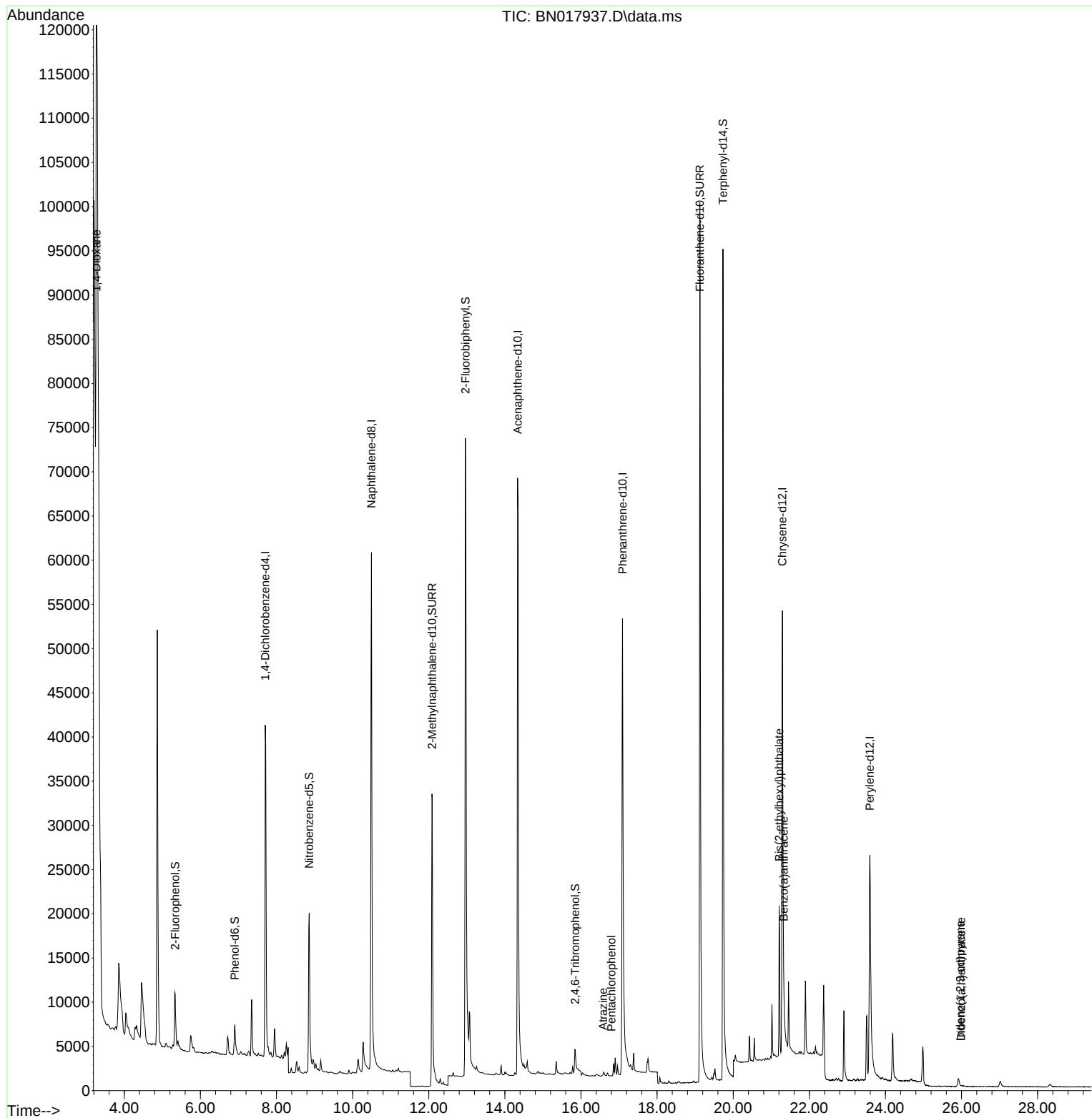
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.706	152	23408	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	94734	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	57160	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	113584	0.400	ng	0.00
29) Chrysene-d12	21.293	240	80285	0.400	ng	0.00
35) Perylene-d12	23.593	264	54441	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7744	0.160	ng	0.00
5) Phenol-d6	6.903	99	3859	0.081	ng	0.00
8) Nitrobenzene-d5	8.859	82	21663	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	58592	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3808	0.455	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	86089	0.428	ng	0.00
27) Fluoranthene-d10	19.124	212	155583	0.423	ng	0.00
31) Terphenyl-d14	19.730	244	134174	0.678	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.271	88	82647	11.634	ng	93
20) 4,6-Dinitro-2-methylph...	15.477	198	8	Below Cal	#	73
23) Atrazine	16.581	200	22	0.092	ng	# 1
24) Pentachlorophenol	16.800	266	34	0.102	ng	# 50
32) Benzo(a)anthracene	21.325	228	1165	0.054	ng	# 43
34) Bis(2-ethylhexyl)phtha...	21.208	149	18001	0.209	ng	100
36) Indeno(1,2,3-cd)pyrene	25.968	276	6	0.089	ng	# 15
40) Dibenzo(a,h)anthracene	25.989	278	1	0.101	ng	# 1

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

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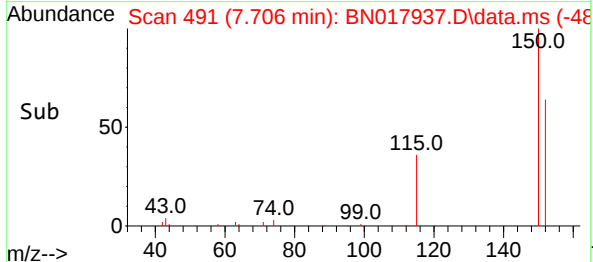
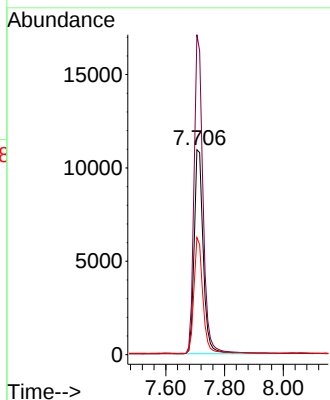
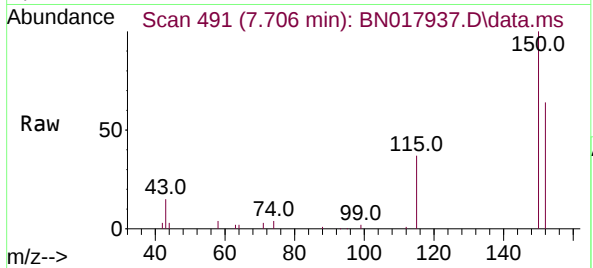




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.706 min Scan# 49
 Delta R.T. -0.009 min
 Lab File: BN017937.D
 Acq: 12 Dec 2021 13:05

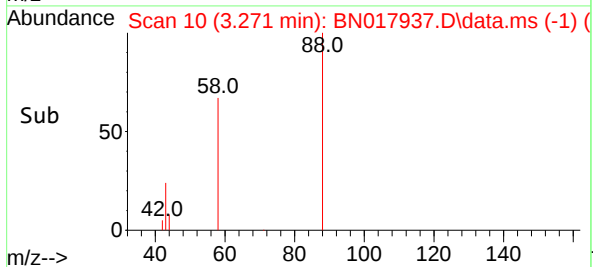
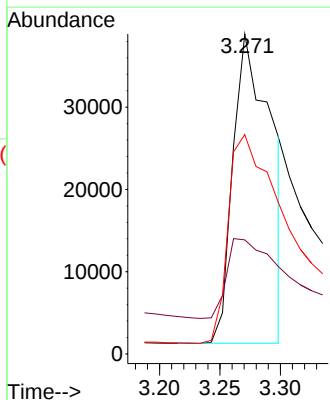
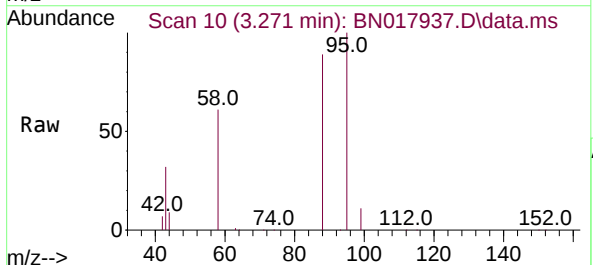
Instrument :
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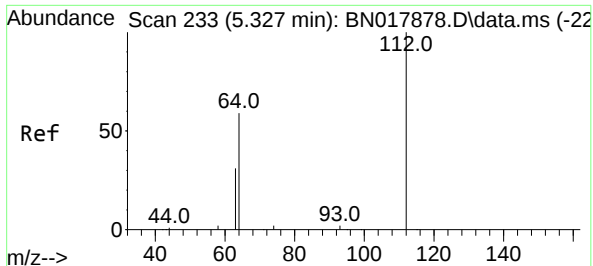
Tgt Ion:152 Resp: 23408
 Ion Ratio Lower Upper
 152 100
 150 156.1 121.9 182.9
 115 57.2 44.1 66.1



#2
 1,4-Dioxane
 Concen: 11.634 ng
 RT: 3.271 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017937.D
 Acq: 12 Dec 2021 13:05

Tgt Ion: 88 Resp: 82647
 Ion Ratio Lower Upper
 88 100
 43 29.8 28.0 42.0
 58 76.6 65.4 98.0

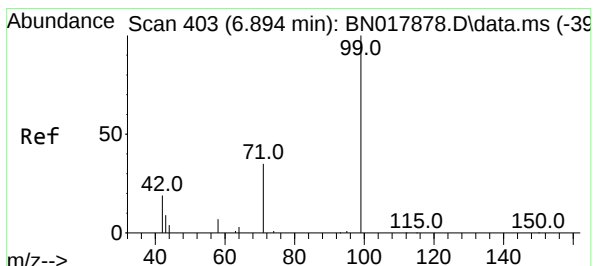
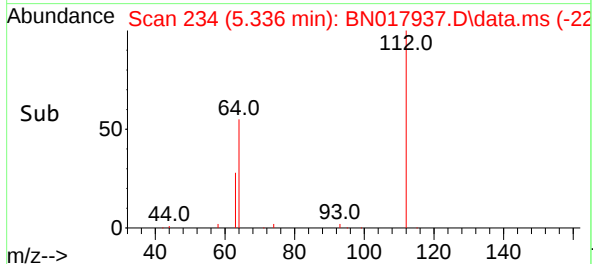
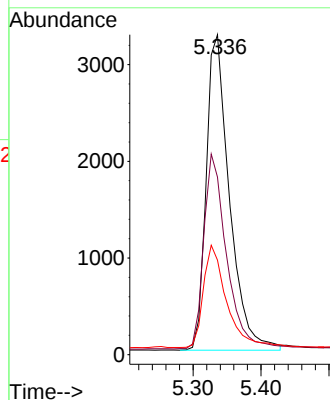
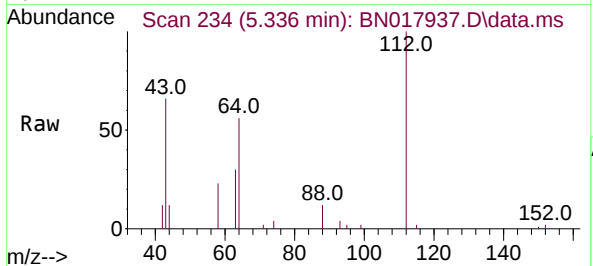




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

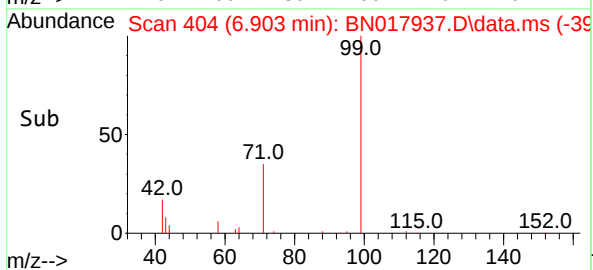
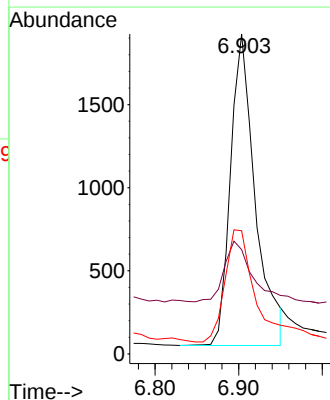
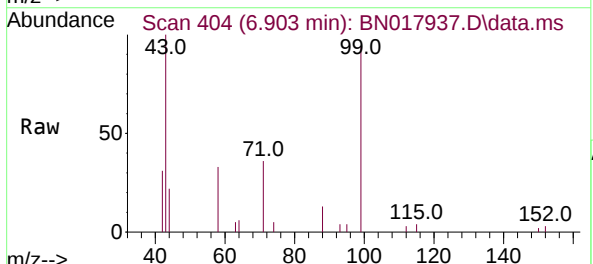
Instrument :
BNA_N
ClientSampleId :
MW201D-20211205

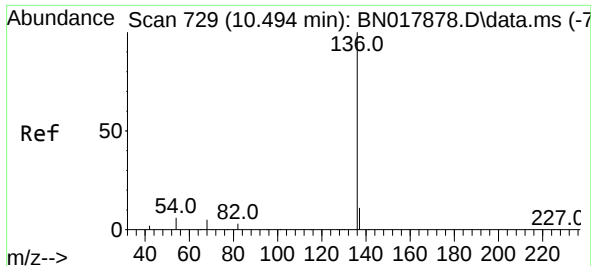
Tgt Ion:112 Resp: 7744
Ion Ratio Lower Upper
112 100
64 60.8 49.0 73.4
63 32.6 26.2 39.2



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Tgt Ion: 99 Resp: 3859
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.4
71 41.9 28.0 42.0

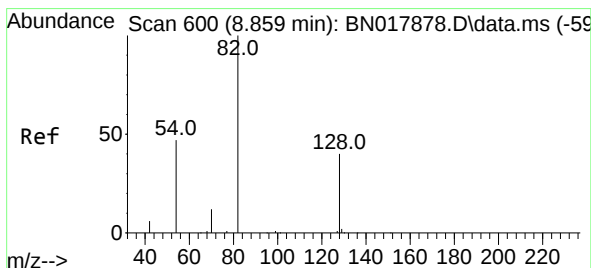
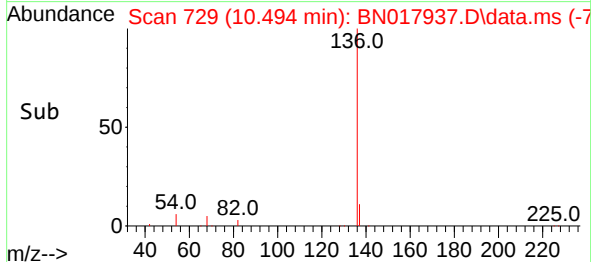
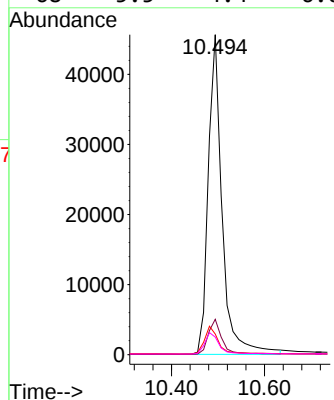
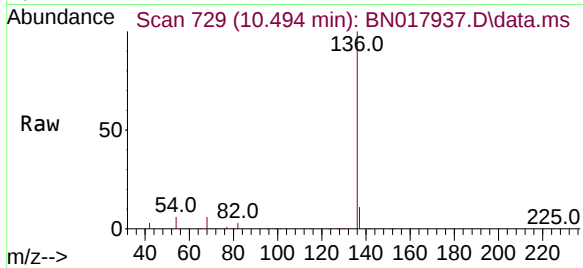




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

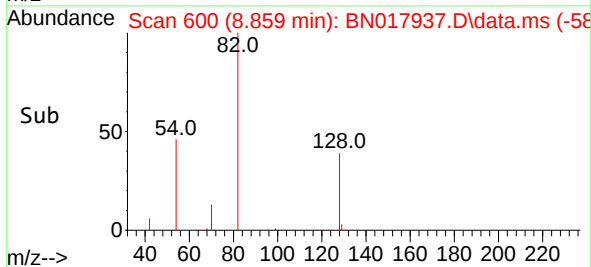
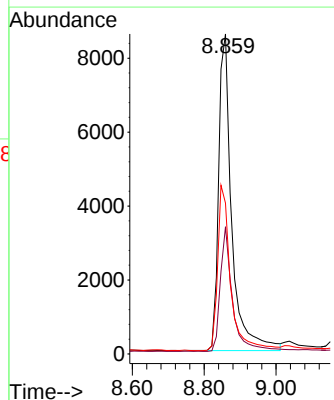
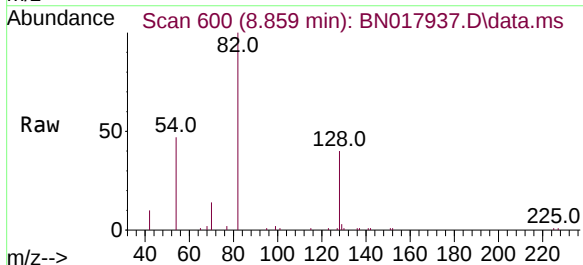
Instrument :
BNA_N
ClientSampleId :
MW201D-20211205

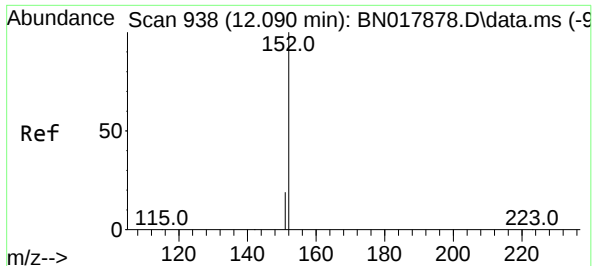
Tgt Ion:	136	Resp:	94734
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.5	5.1	7.7
68	5.5	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Tgt Ion:	82	Resp:	21663
Ion Ratio	Lower	Upper	
82	100		
128	39.7	32.2	48.4
54	47.1	37.6	56.4

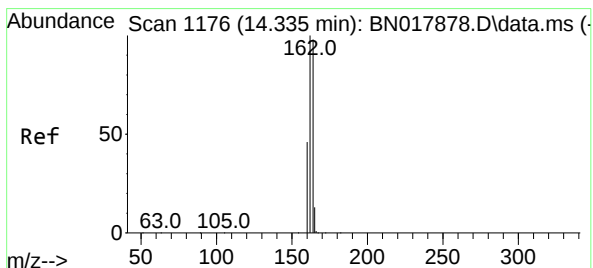
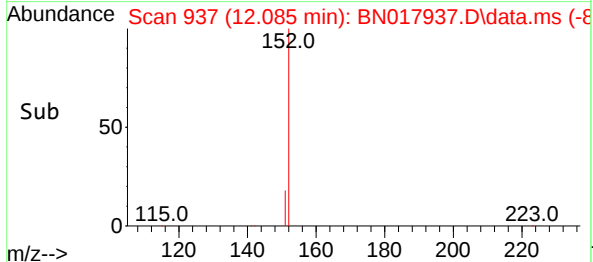
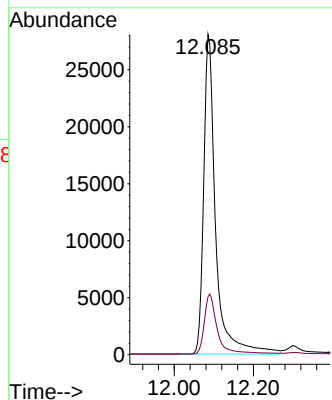
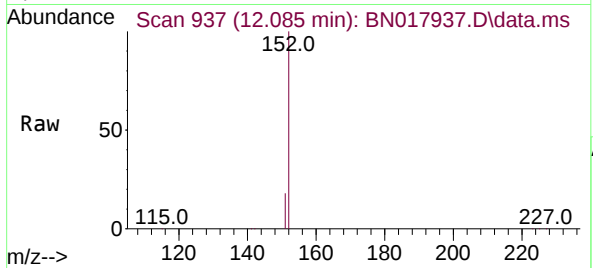




#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.085 min Scan# 911
Delta R.T. -0.004 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

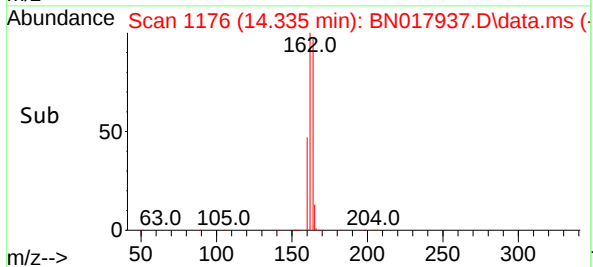
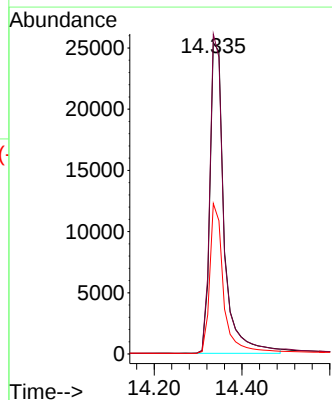
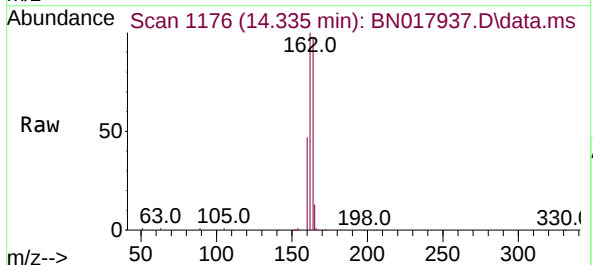
Instrument :
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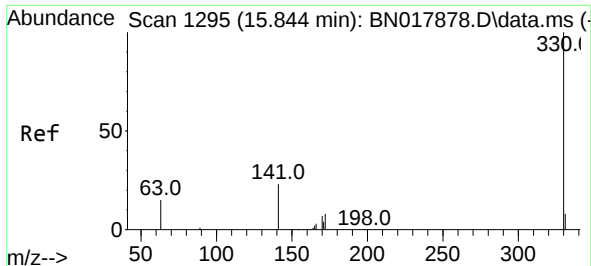
Tgt Ion:152 Resp: 58592
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Tgt Ion:164 Resp: 57160
Ion Ratio Lower Upper
164 100
162 102.7 82.1 123.1
160 48.3 38.2 57.2

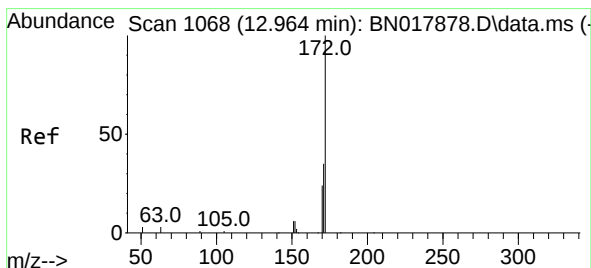
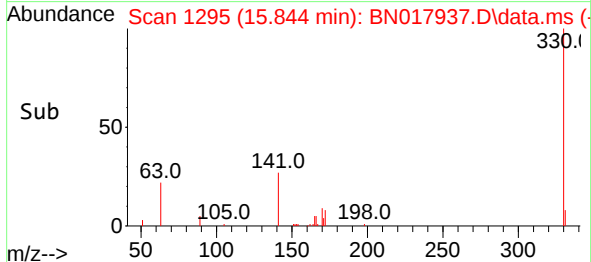
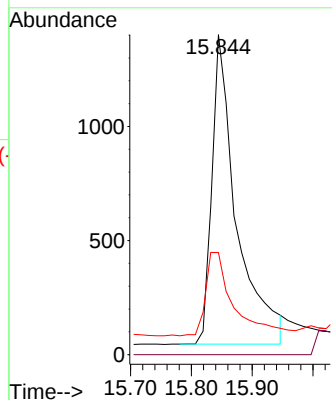
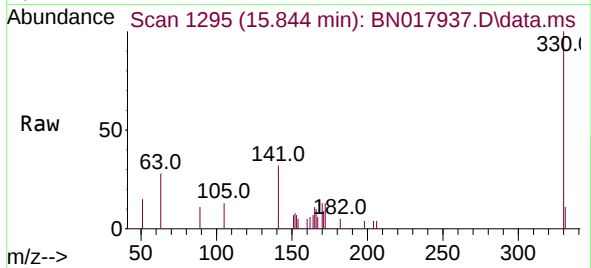




#14
2,4,6-Tribromophenol
Concen: 0.455 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

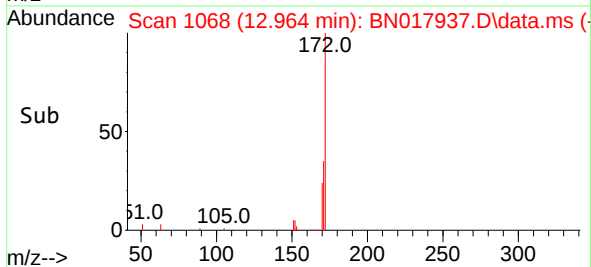
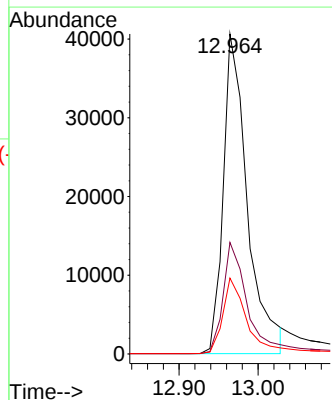
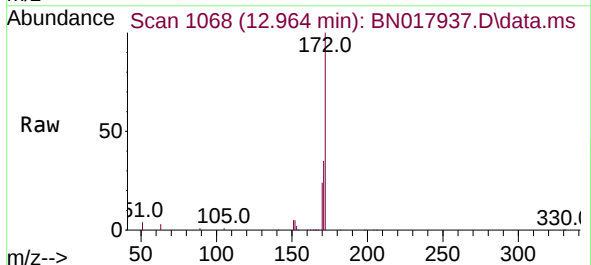
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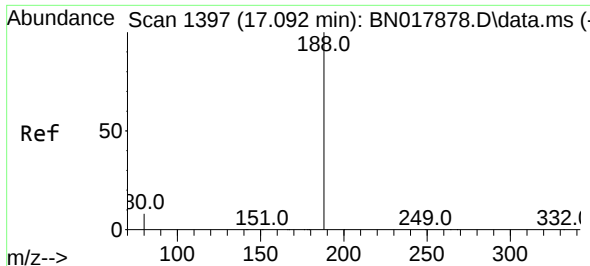
Tgt Ion: 330 Resp: 3808
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Tgt Ion: 172 Resp: 86089
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.7 19.1 28.7

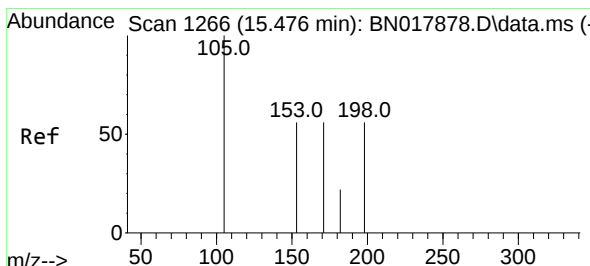
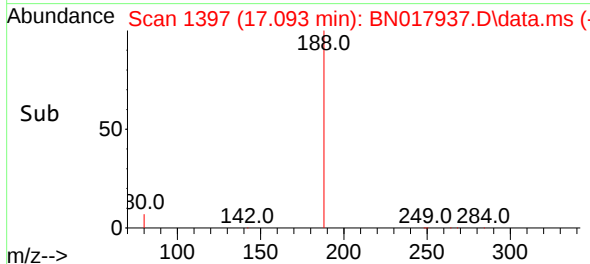
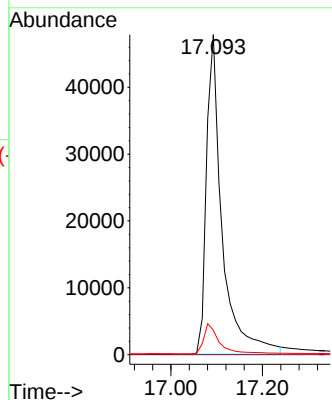
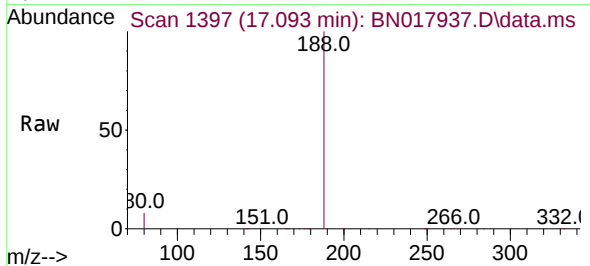




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

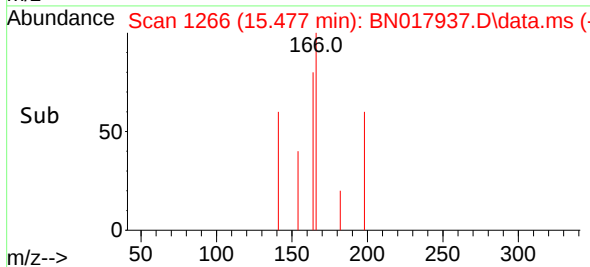
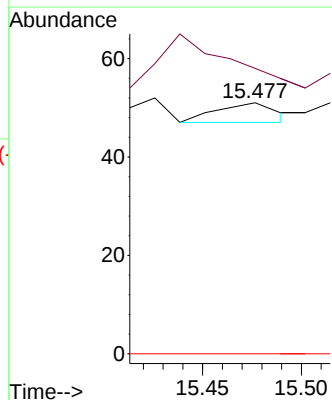
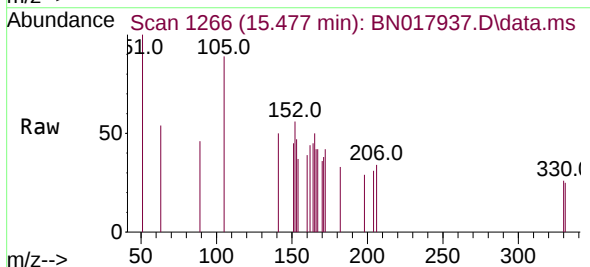
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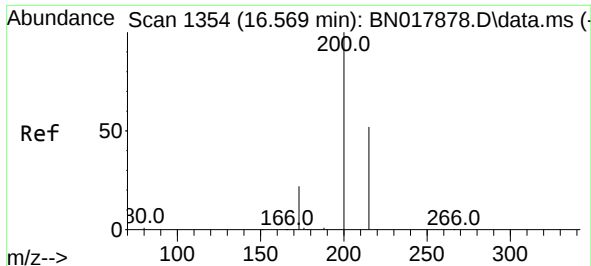
Tgt Ion:188 Resp: 113584
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.477 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 113.7 70.8 106.2#
77 0.0 0.0 0.0

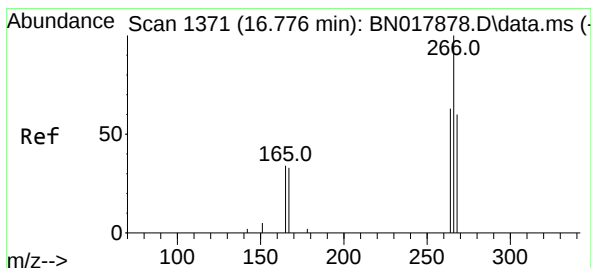
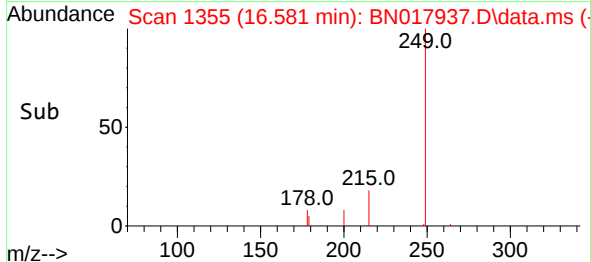
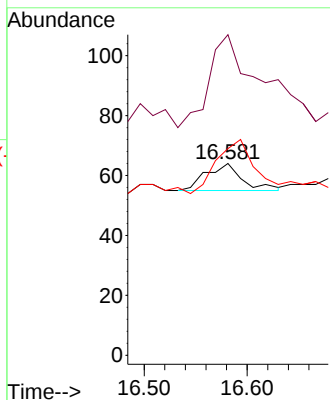
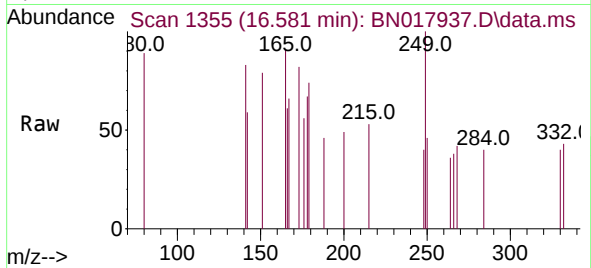




#23
 Atrazine
 Concen: 0.092 ng
 RT: 16.581 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN017937.D
 Acq: 12 Dec 2021 13:05

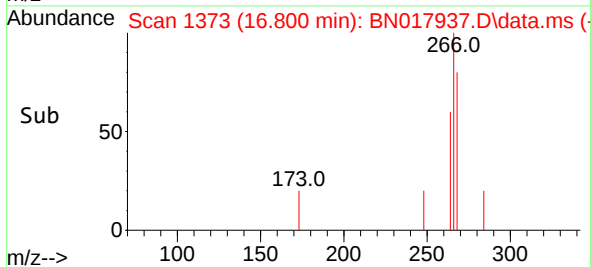
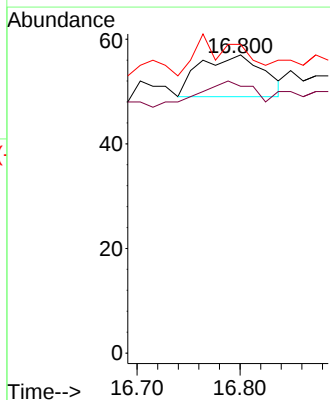
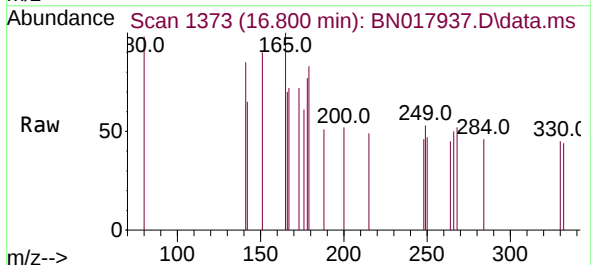
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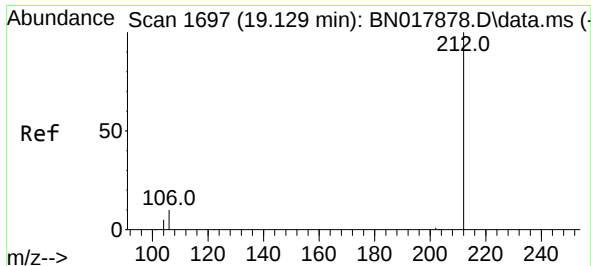
Tgt Ion:200 Resp: 22
 Ion Ratio Lower Upper
 200 100
 173 167.2 18.2 27.2#
 215 107.8 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.102 ng
 RT: 16.800 min Scan# 1373
 Delta R.T. 0.024 min
 Lab File: BN017937.D
 Acq: 12 Dec 2021 13:05

Tgt Ion:266 Resp: 34
 Ion Ratio Lower Upper
 266 100
 264 52.9 50.6 76.0
 268 0.0 53.7 80.5#

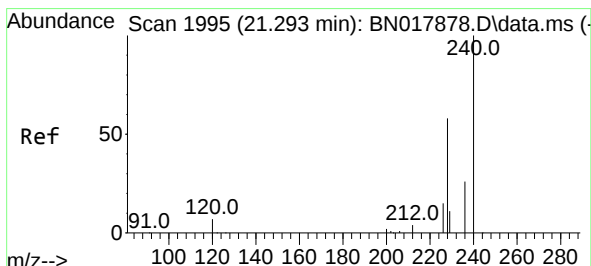
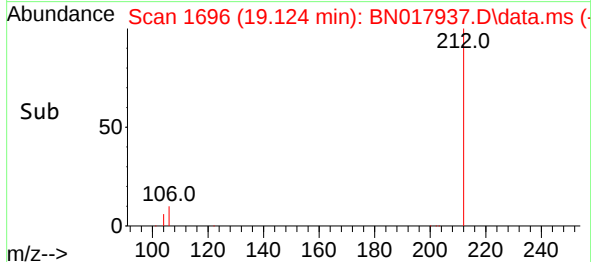
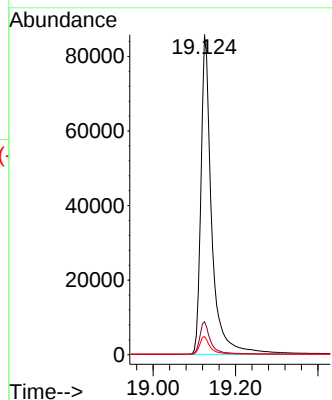
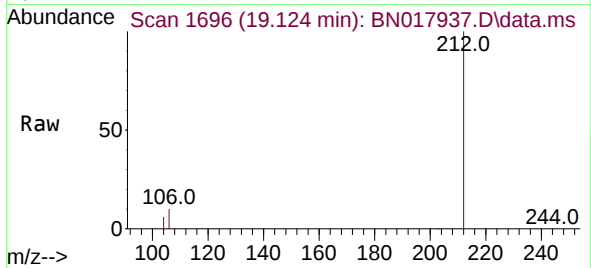




#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

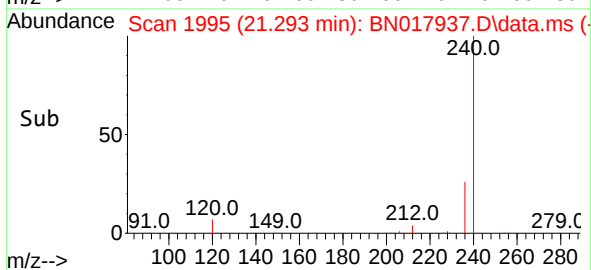
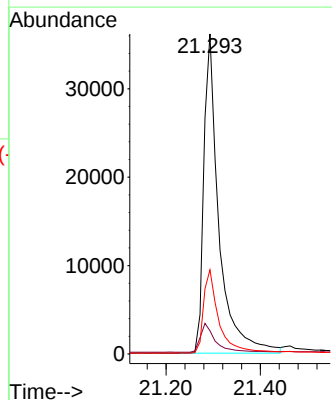
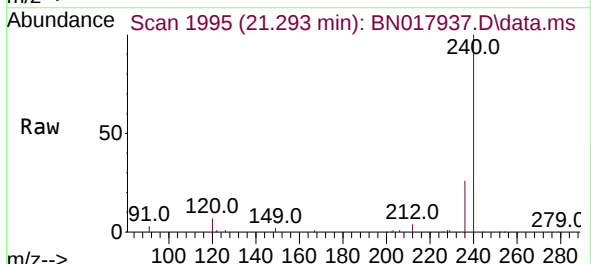
Instrument :
BNA_N
ClientSampleId :
MW201D-20211205

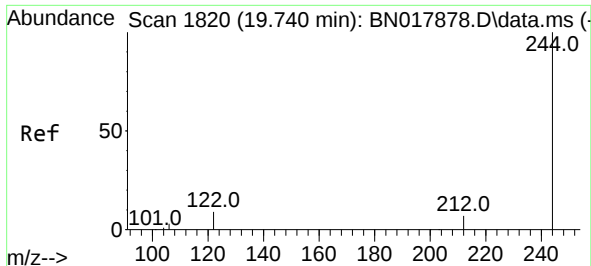
Tgt Ion:212 Resp: 155583
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.6 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Tgt Ion:240 Resp: 80285
Ion Ratio Lower Upper
240 100
120 7.2 5.8 8.8
236 26.3 21.0 31.6

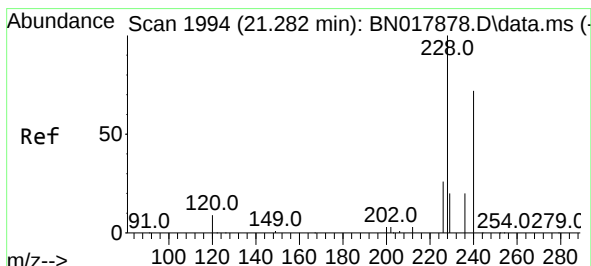
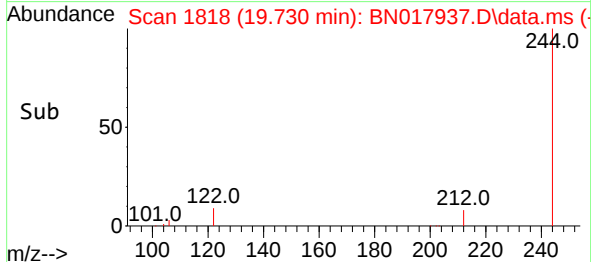
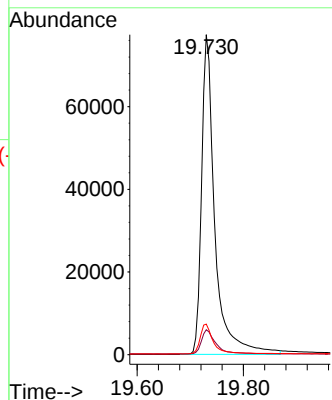
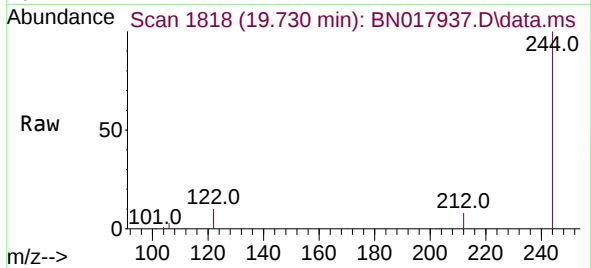




#31
Terphenyl-d14
Concen: 0.678 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

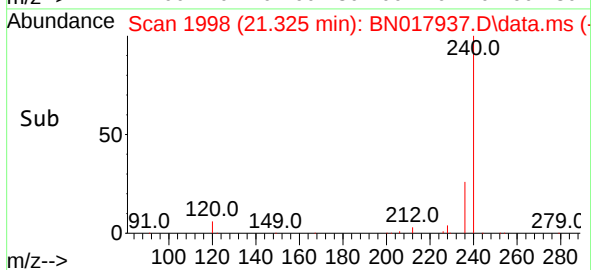
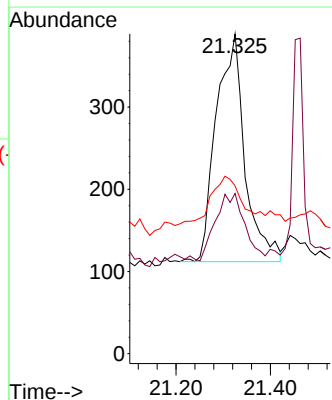
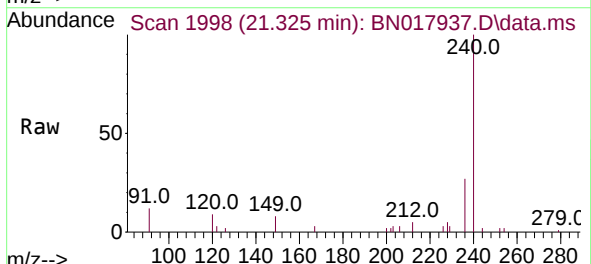
Instrument :
BNA_N
ClientSampleId :
MW201D-20211205

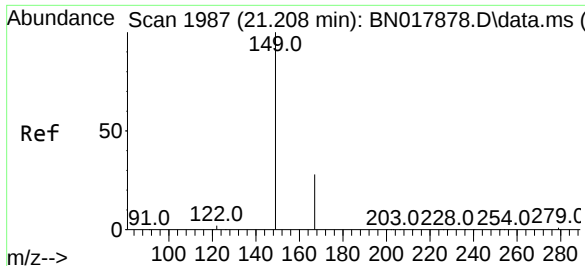
Tgt Ion:244 Resp: 134174
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 9.6 7.5 11.3



#32
Benzo(a)anthracene
Concen: 0.054 ng
RT: 21.325 min Scan# 1998
Delta R.T. 0.043 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Tgt Ion:228 Resp: 1165
Ion Ratio Lower Upper
228 100
226 50.1 21.0 31.4#
229 52.4 15.8 23.8#

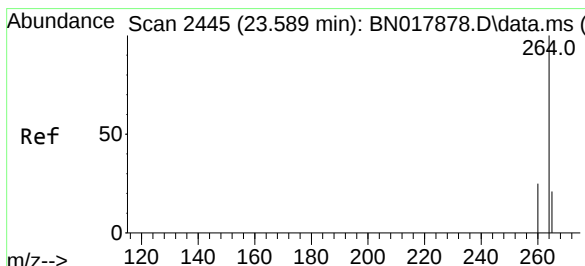
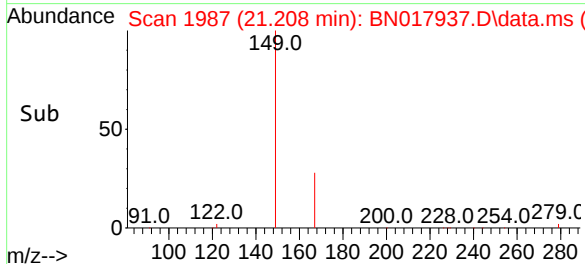
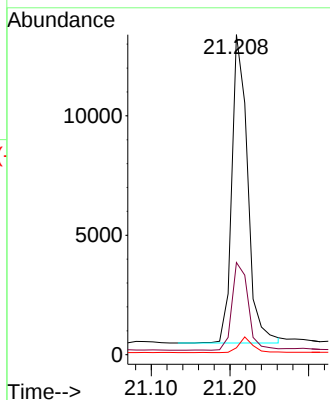
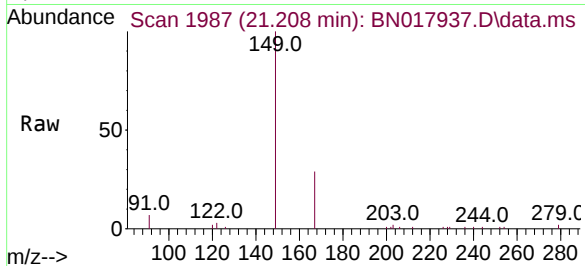




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.209 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017937.D
 Acq: 12 Dec 2021 13:05

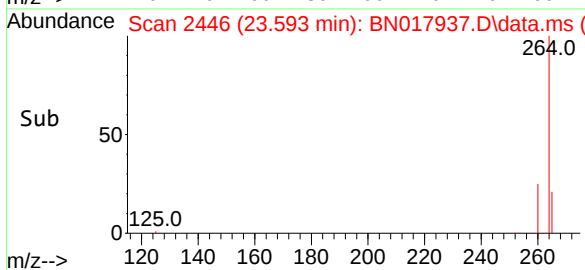
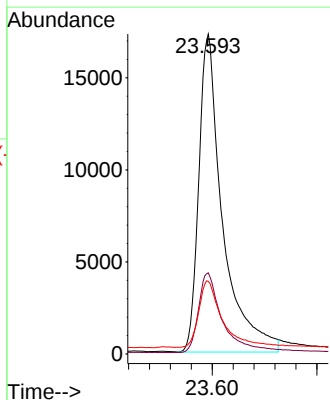
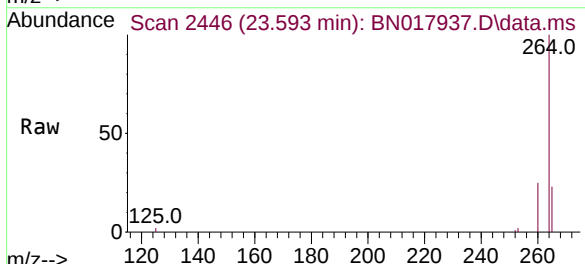
Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20211205

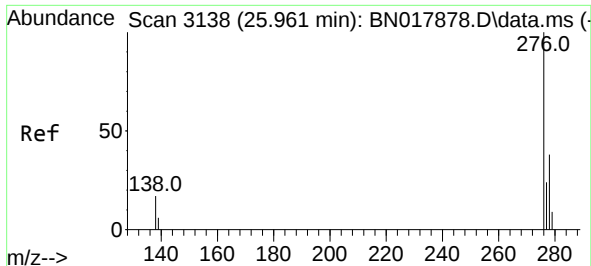
Tgt Ion:	149	Resp:	18001
Ion Ratio	Lower	Upper	
149	100		
167	29.2	23.4	35.0
279	4.7	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.593 min Scan# 2446
 Delta R.T. 0.004 min
 Lab File: BN017937.D
 Acq: 12 Dec 2021 13:05

Tgt Ion:	264	Resp:	54441
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.2	30.4
265	22.7	18.2	27.4

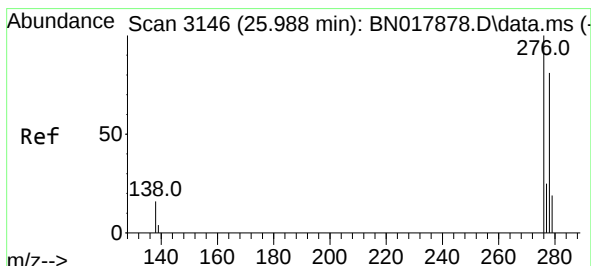
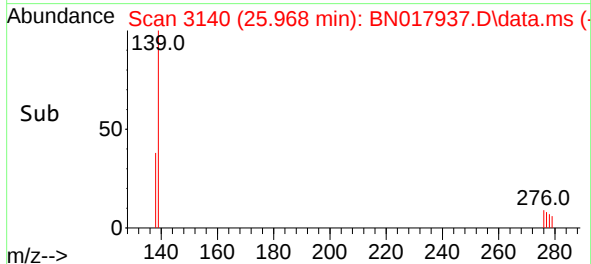
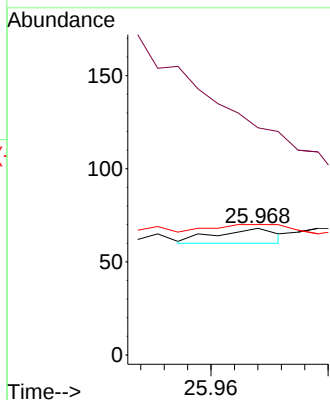
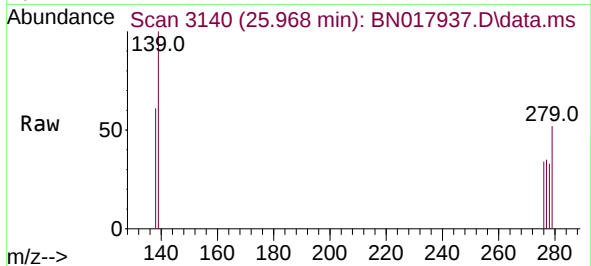




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.968 min Scan# 3138
 Delta R.T. 0.007 min
 Lab File: BN017937.D
 Acq: 12 Dec 2021 13:05

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20211205

Tgt Ion:276 Resp: 6
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 83.3 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.989 min Scan# 3146
 Delta R.T. 0.001 min
 Lab File: BN017937.D
 Acq: 12 Dec 2021 13:05

Tgt Ion:278 Resp: 1
 Ion Ratio Lower Upper
 278 100
 139 257.1 12.0 18.0#
 279 171.4 20.8 31.2#

