

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
 Data File : BN031437.D
 Acq On : 08 May 2024 13:25
 Operator : MA/JU
 Sample : P2352-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-112-050124

Quant Time: May 08 14:30:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 17:14:43 2024
 Response via : Initial Calibration

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

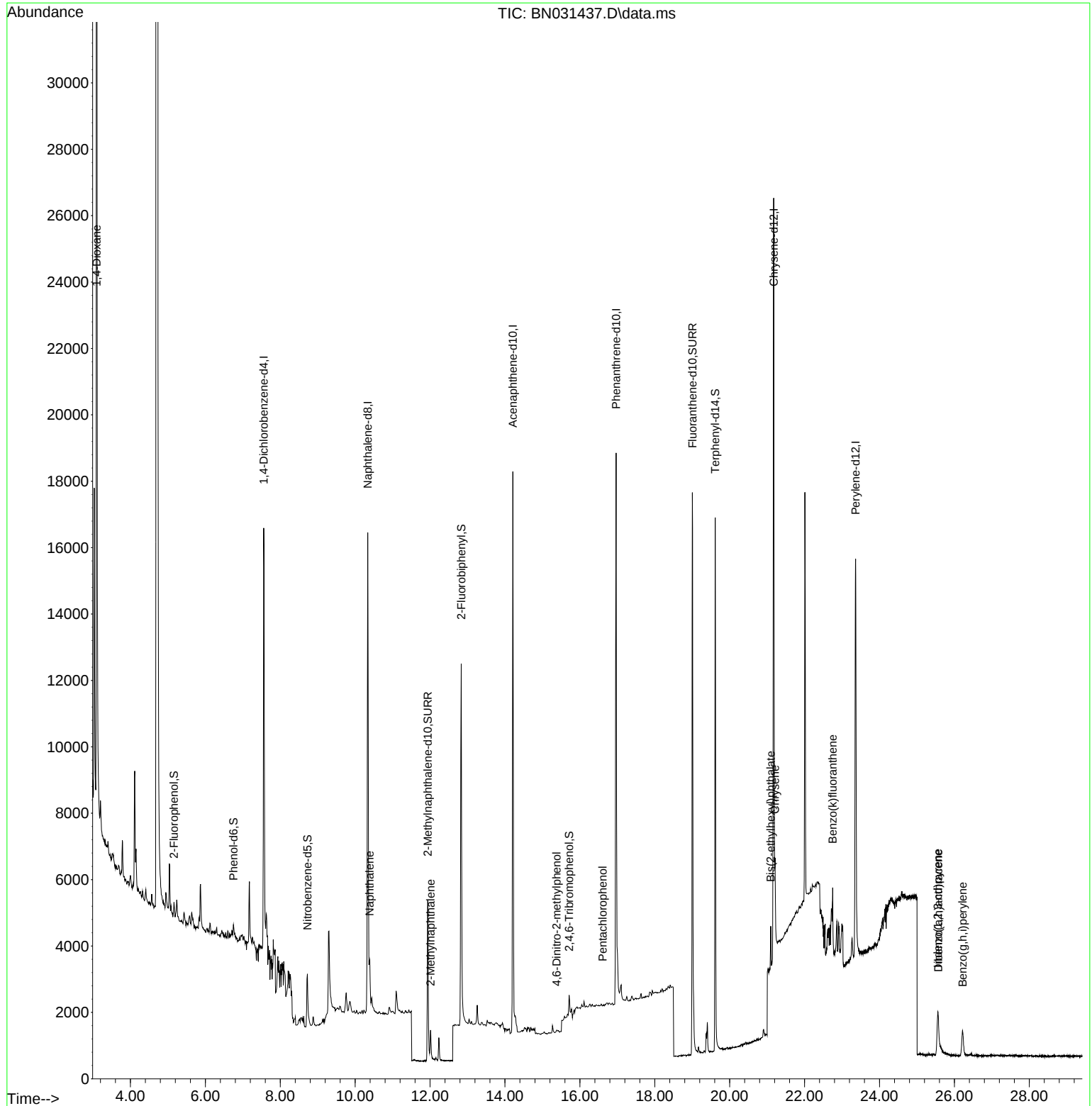
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	6694	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	20634	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	9231	0.400	ng	0.00
19) Phenanthrene-d10	16.967	188	25335	0.400	ng	0.00
29) Chrysene-d12	21.175	240	22451	0.400	ng	# 0.00
35) Perylene-d12	23.361	264	16702	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	441	0.028	ng	0.00
5) Phenol-d6	6.751	99	597	0.032	ng	0.00
8) Nitrobenzene-d5	8.724	82	1774	0.098	ng	0.01
11) 2-Methylnaphthalene-d10	11.937	152	7433	0.368	ng	0.00
14) 2,4,6-Tribromophenol	15.713	330	436	0.101	ng	0.00
15) 2-Fluorobiphenyl	12.831	172	11446	0.335	ng	0.00
27) Fluoranthene-d10	19.003	212	20018	0.292	ng	0.00
31) Terphenyl-d14	19.616	244	16999	0.298	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.096	88	30605	3.831	ng	100
9) Naphthalene	10.389	128	1712	0.030	ng	# 87
12) 2-Methylnaphthalene	12.013	142	702	0.187	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.375	198	2	0.023	ng	# 1
24) Pentachlorophenol	16.607	266	20	0.165	ng	# 52
30) Pyrene	19.402	202	885	Below Cal		98
33) Chrysene	21.211	228	1868	0.023	ng	93
34) Bis(2-ethylhexyl)phtha...	21.095	149	1215	0.030	ng	98
36) Indeno(1,2,3-cd)pyrene	25.557	276	1766	0.026	ng	98
38) Benzo(k)fluoranthene	22.750	252	1324	0.021	ng	# 12
40) Dibenzo(a,h)anthracene	25.569	278	1608	0.030	ng	# 29
41) Benzo(g,h,i)perylene	26.218	276	1643	0.030	ng	# 70

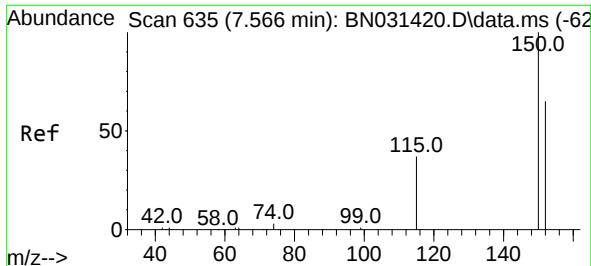
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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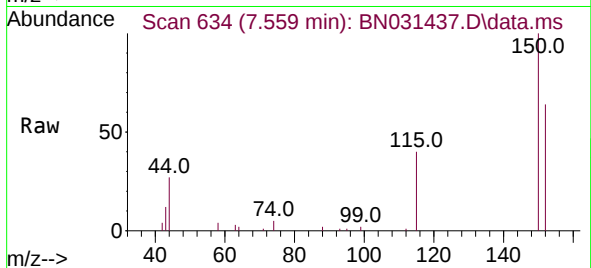
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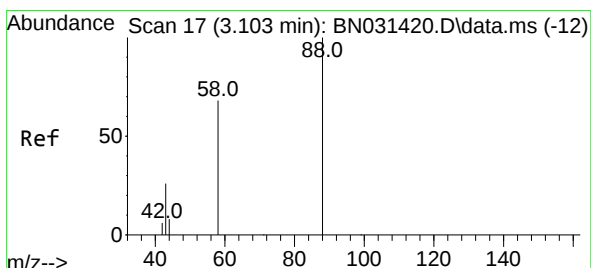
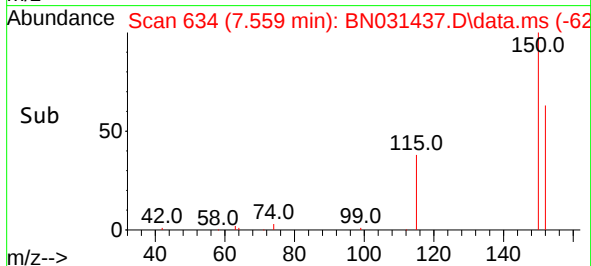
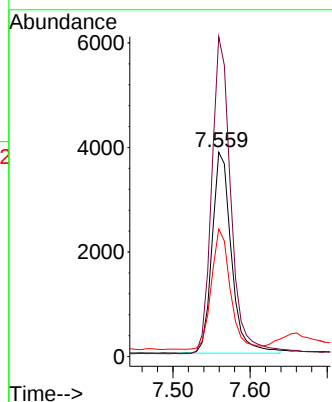


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.559 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN031437.D
 Acq: 08 May 2024 13:25

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-112-050124

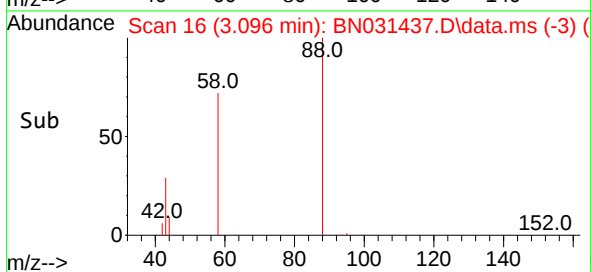
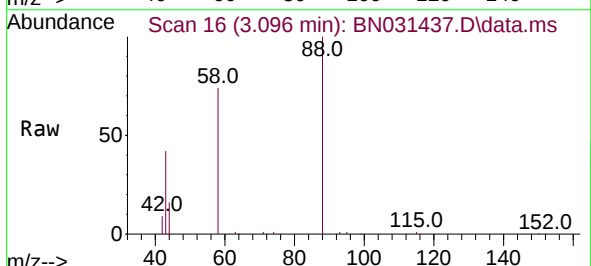
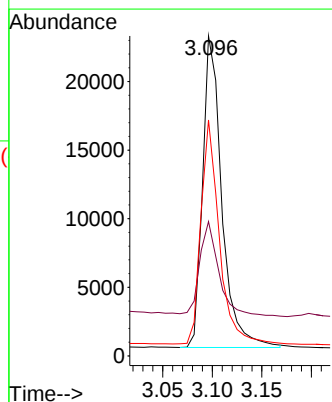


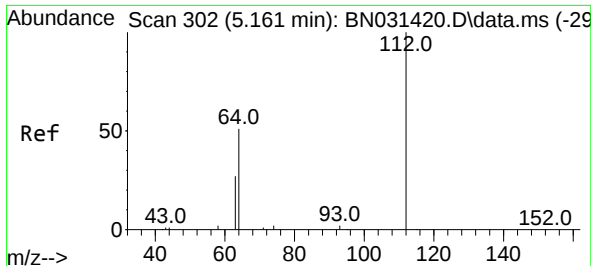
Tgt Ion:152 Resp: 6694
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.2 183.2
 115 62.4 47.8 71.6



#2
 1,4-Dioxane
 Concen: 3.831 ng
 RT: 3.096 min Scan# 16
 Delta R.T. -0.007 min
 Lab File: BN031437.D
 Acq: 08 May 2024 13:25

Tgt Ion: 88 Resp: 30605
 Ion Ratio Lower Upper
 88 100
 43 30.3 23.8 35.8
 58 68.4 54.6 81.8





#4

2-Fluorophenol

Concen: 0.028 ng

RT: 5.162 min Scan# 30

Delta R.T. 0.000 min

Lab File: BN031437.D

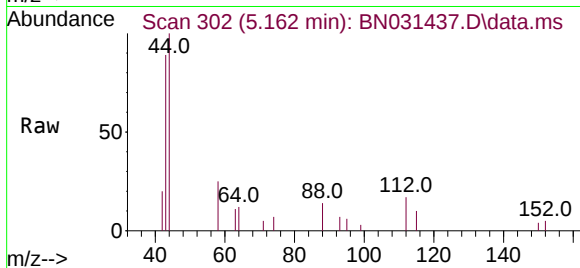
Acq: 08 May 2024 13:25

Instrument :

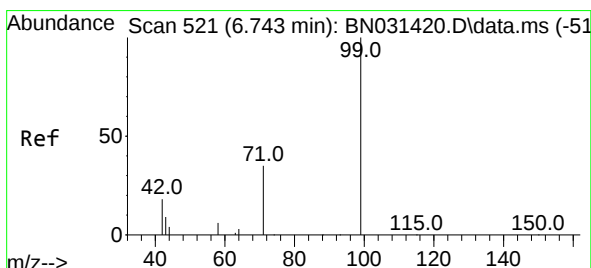
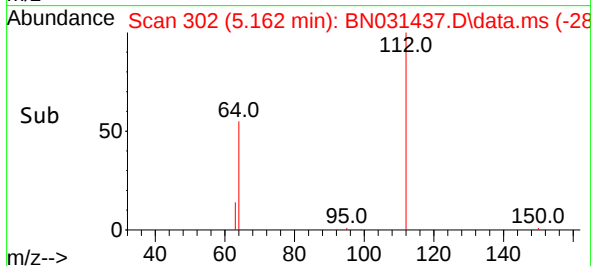
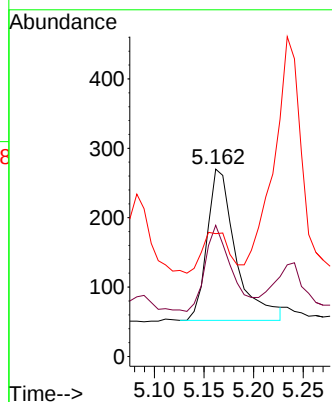
BNA_N

ClientSampleId :

MW-18B-112-050124



Tgt Ion:	112	Resp:	441
Ion	Ratio	Lower	Upper
112	100		
64	48.8	42.4	63.6
63	24.5	22.6	34.0



#5

Phenol-d6

Concen: 0.032 ng

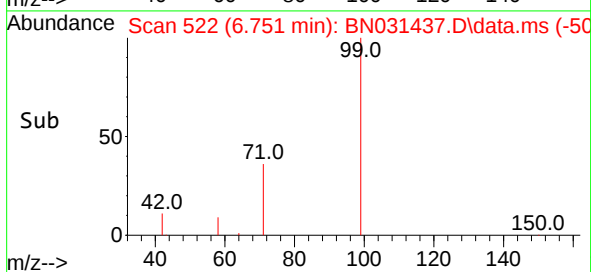
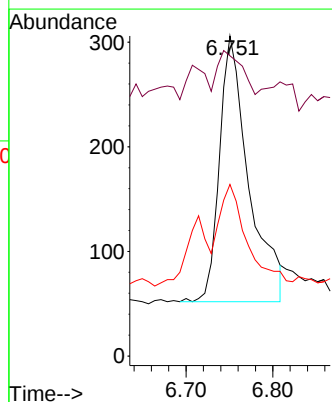
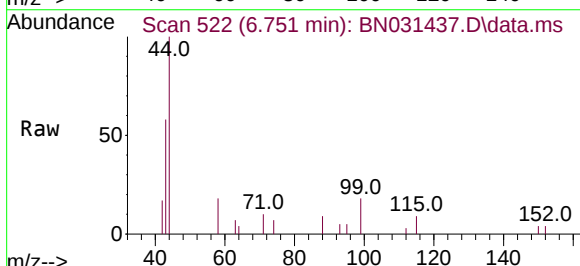
RT: 6.751 min Scan# 522

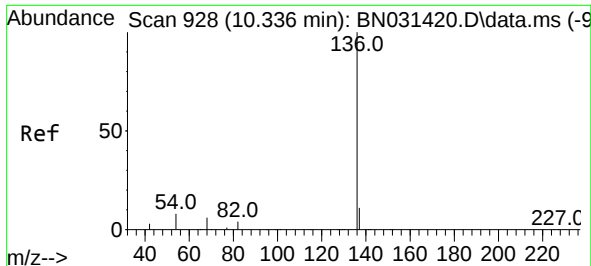
Delta R.T. 0.007 min

Lab File: BN031437.D

Acq: 08 May 2024 13:25

Tgt Ion:	99	Resp:	597
Ion	Ratio	Lower	Upper
99	100		
42	13.4	15.8	23.8#
71	27.3	27.8	41.6#

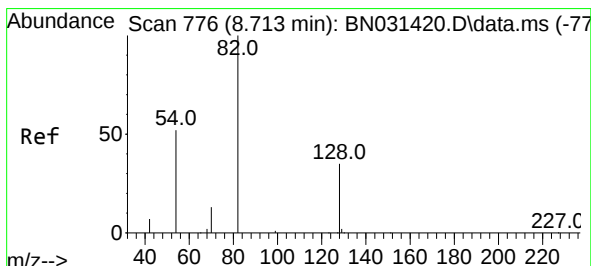
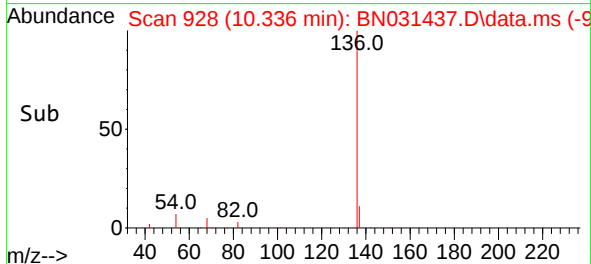
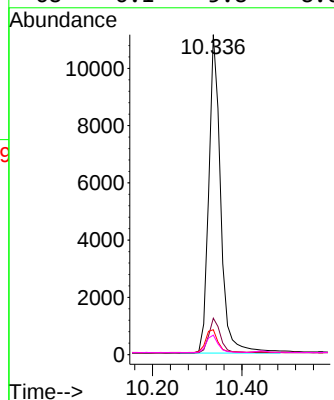
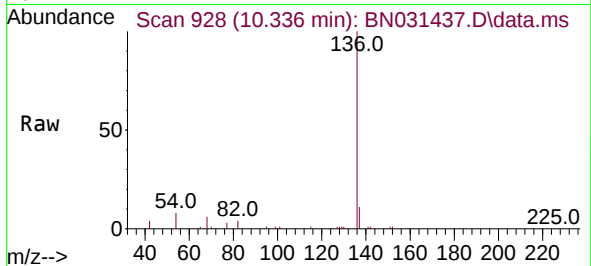




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

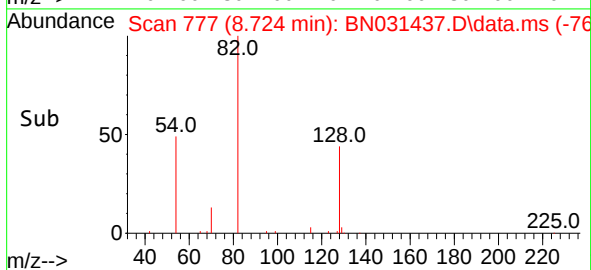
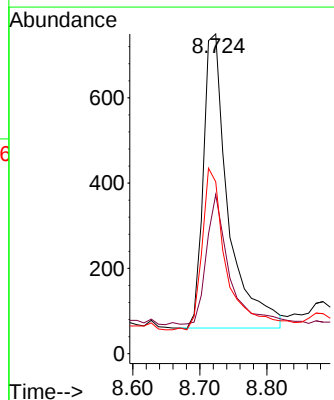
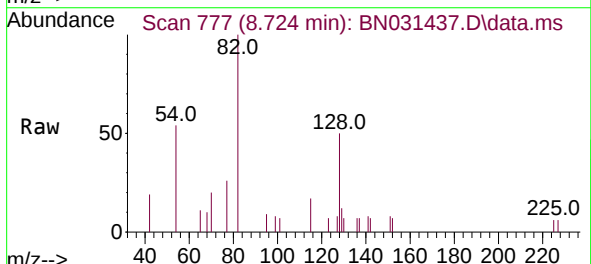
Instrument :
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MW-18B-112-050124

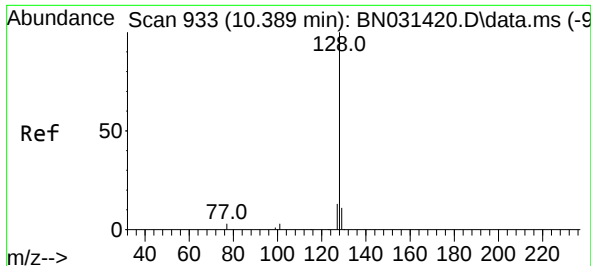
Tgt Ion:	136	Resp:	20634
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.6	14.4
54	7.8	7.2	10.8
68	6.1	5.8	8.6



#8
Nitrobenzene-d5
Concen: 0.098 ng
RT: 8.724 min Scan# 777
Delta R.T. 0.011 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

Tgt Ion:	82	Resp:	1774
Ion Ratio	Lower	Upper	
82	100		
128	49.7	30.0	45.0#
54	53.7	43.4	65.0

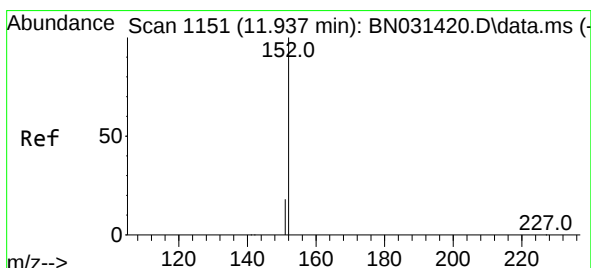
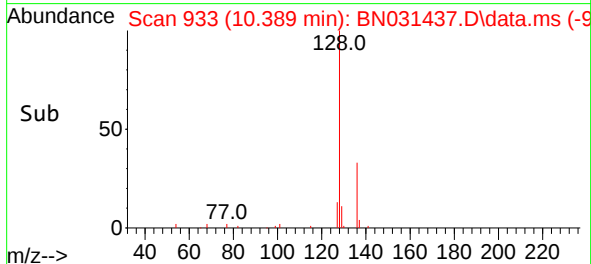
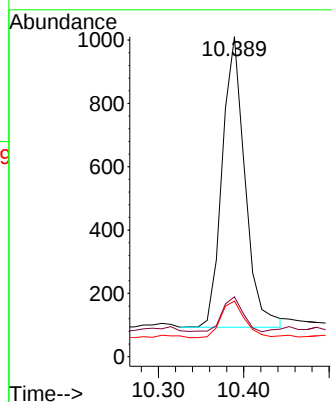
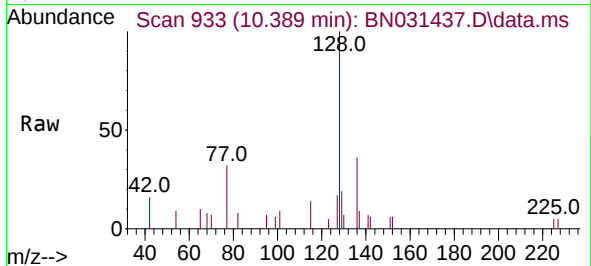




#9
Naphthalene
Concen: 0.030 ng
RT: 10.389 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

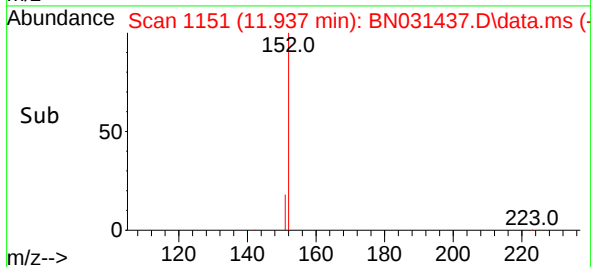
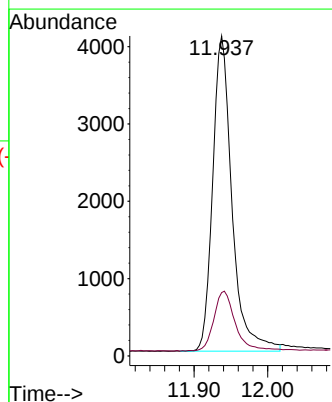
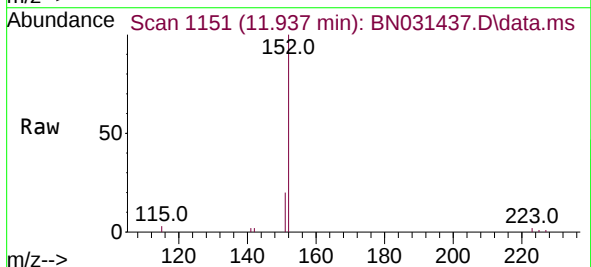
Instrument :
BNA_N
ClientSampleId :
MW-18B-112-050124

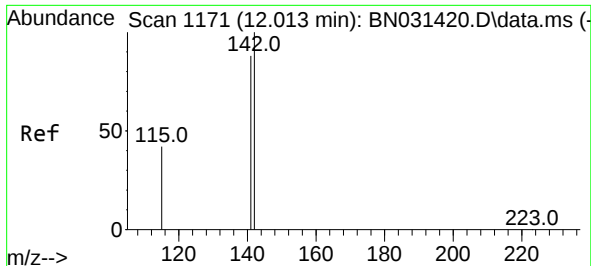
Tgt Ion:128 Resp: 1712
Ion Ratio Lower Upper
128 100
129 18.7 9.5 14.3#
127 17.4 11.1 16.7#



#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.937 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

Tgt Ion:152 Resp: 7433
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1

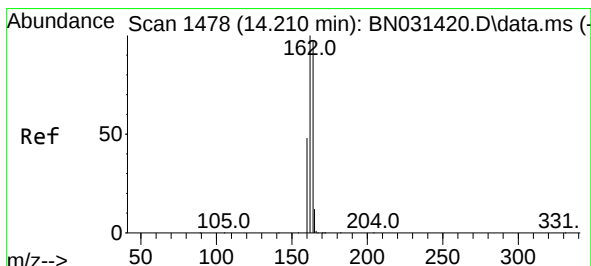
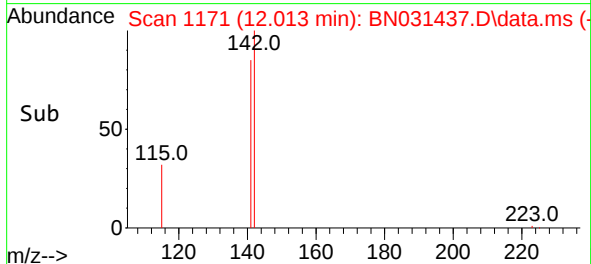
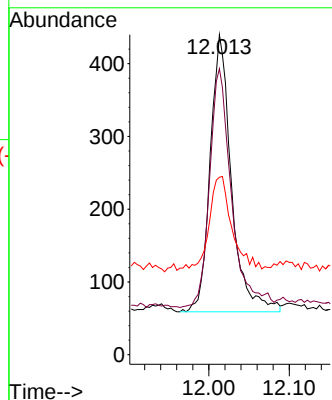
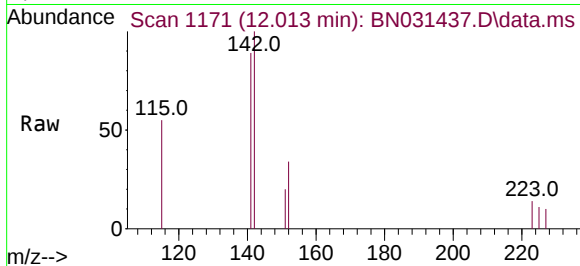




#12
2-Methylnaphthalene
Concen: 0.187 ng
RT: 12.013 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

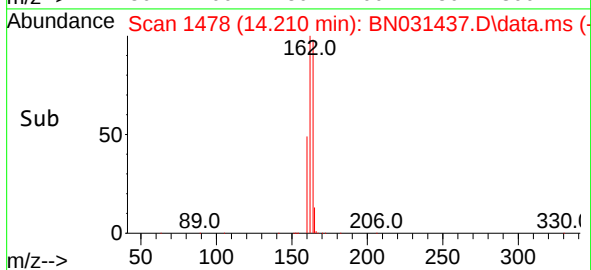
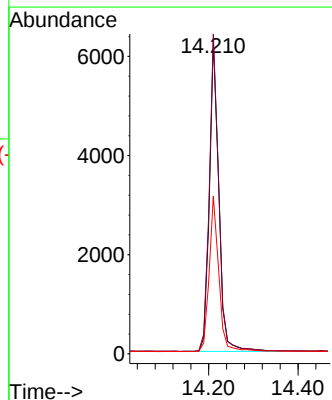
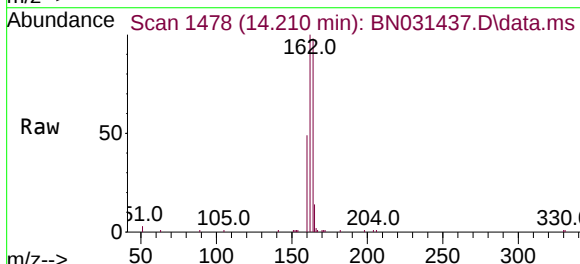
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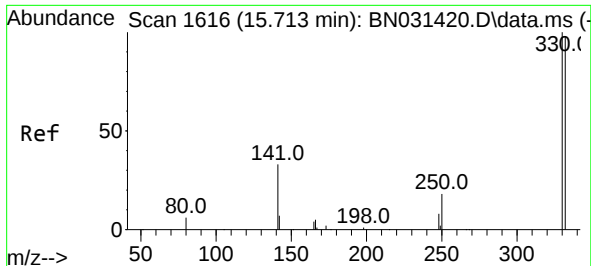
Tgt Ion:142 Resp: 702
Ion Ratio Lower Upper
142 100
141 89.3 70.2 105.2
115 55.5 34.2 51.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

Tgt Ion:164 Resp: 9231
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 50.3 40.2 60.2

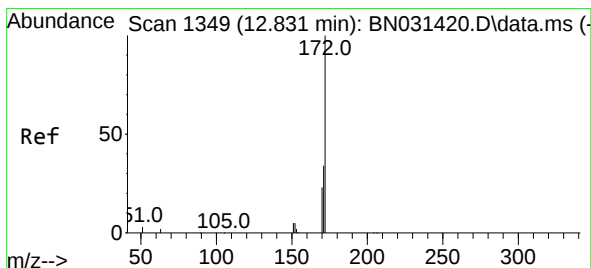
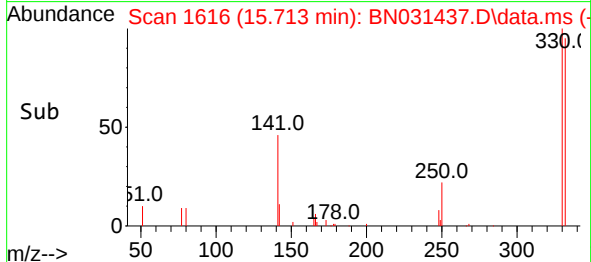
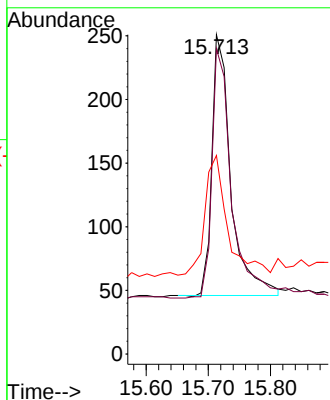
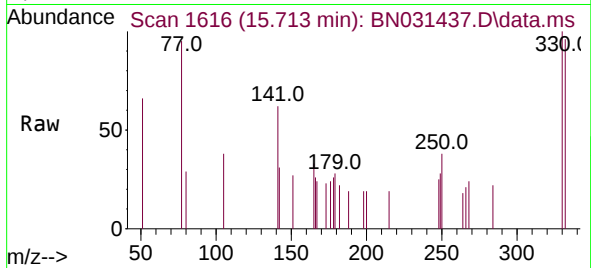




#14
2,4,6-Tribromophenol
Concen: 0.101 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

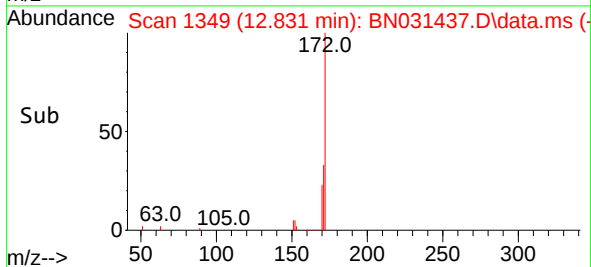
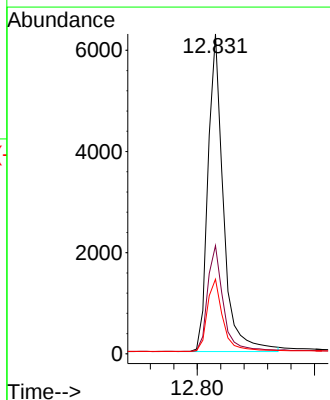
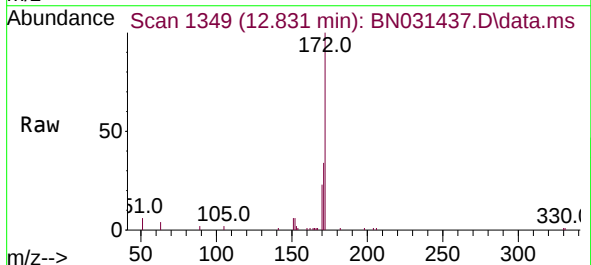
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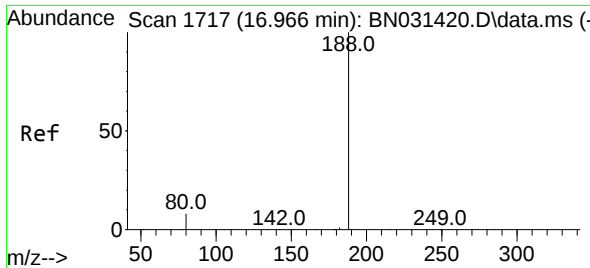
Tgt Ion:	330	Resp:	436
Ion Ratio	Lower	Upper	
330	100		
332	99.5	77.5	116.3
141	53.9	39.3	58.9



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.831 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

Tgt Ion:	172	Resp:	11446
Ion Ratio	Lower	Upper	
172	100		
171	33.8	28.0	42.0
170	23.3	18.9	28.3

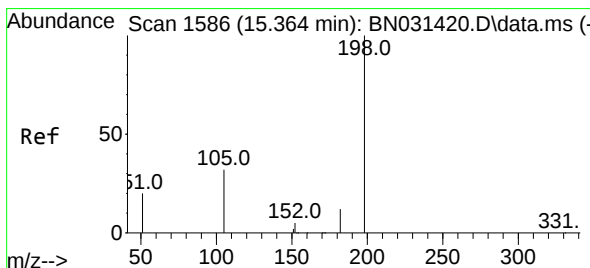
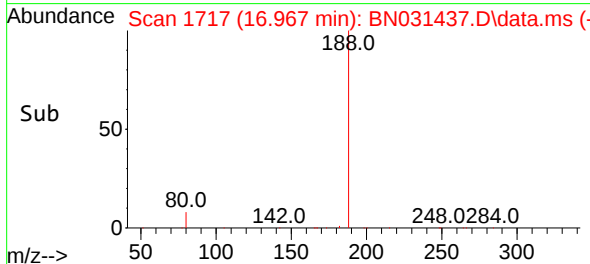
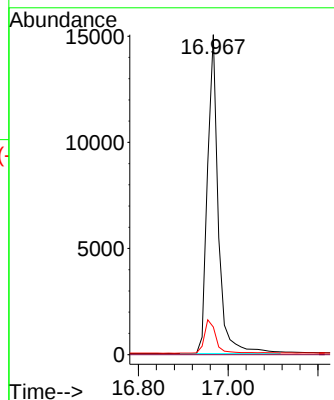
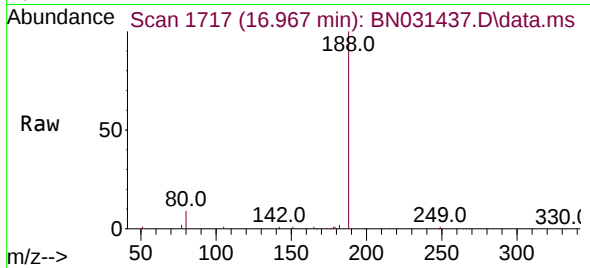




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.967 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

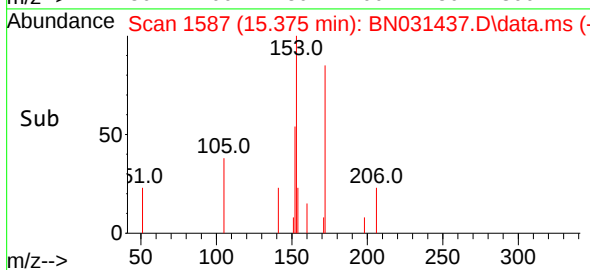
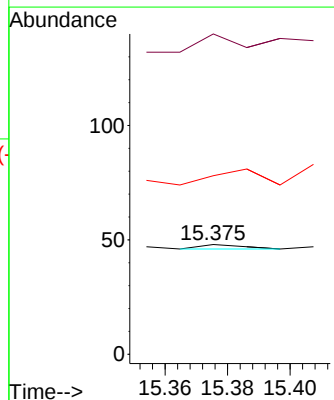
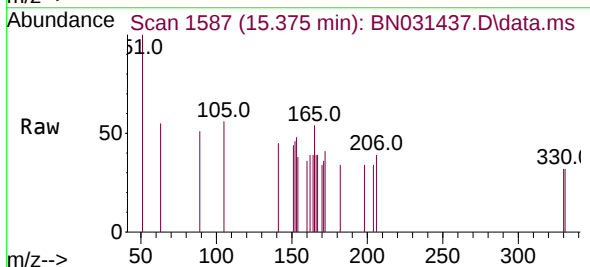
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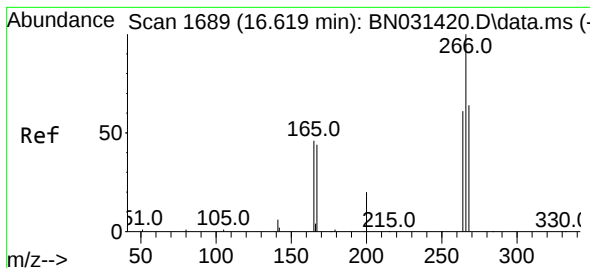
Tgt Ion:188 Resp: 25335
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 6.8 10.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.023 ng
RT: 15.375 min Scan# 1587
Delta R.T. 0.011 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 291.7 47.4 71.2#
105 162.5 35.7 53.5#





#24

Pentachlorophenol

Concen: 0.165 ng

RT: 16.607 min Scan# 1688

Delta R.T. -0.012 min

Lab File: BN031437.D

Acq: 08 May 2024 13:25

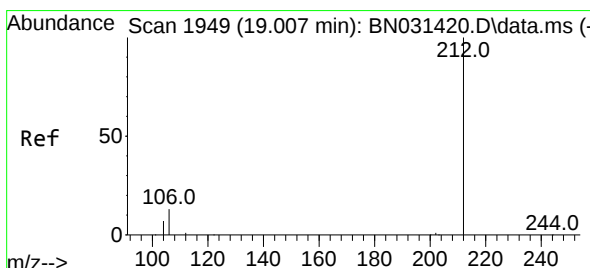
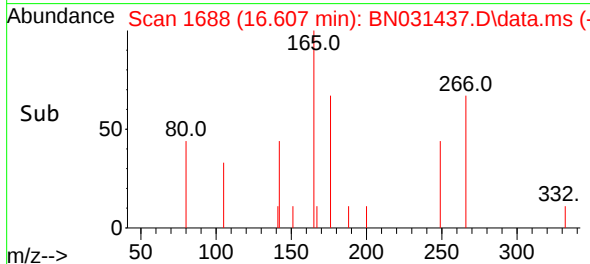
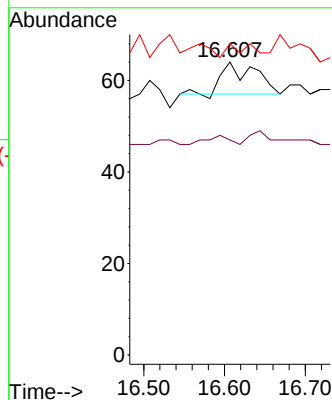
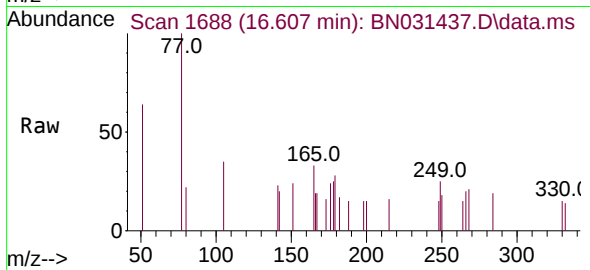
Instrument :

BNA_N

ClientSampleId :

MW-18B-112-050124

Tgt Ion:	266	Resp:	20
Ion Ratio	Lower	Upper	
266	100		
264	20.0	49.0	73.4#
268	30.0	51.0	76.4#



#27

Fluoranthene-d10

Concen: 0.292 ng

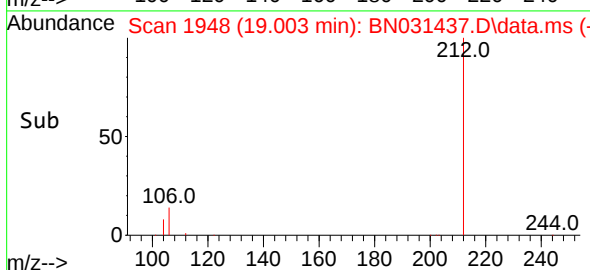
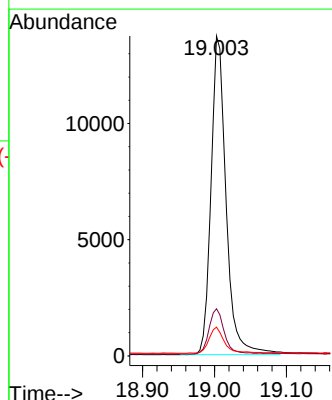
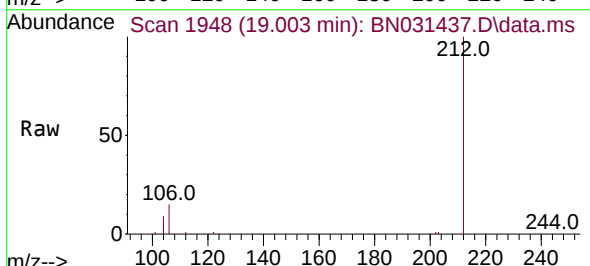
RT: 19.003 min Scan# 1948

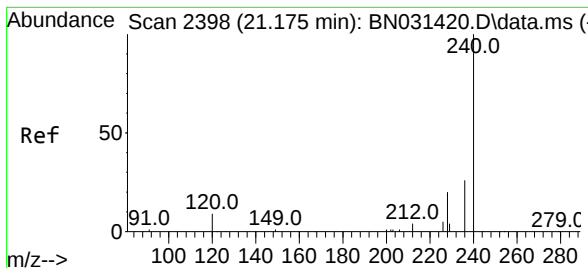
Delta R.T. -0.004 min

Lab File: BN031437.D

Acq: 08 May 2024 13:25

Tgt Ion:	212	Resp:	20018
Ion Ratio	Lower	Upper	
212	100		
106	14.3	11.5	17.3
104	8.4	6.4	9.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.175 min Scan# 2398

Delta R.T. 0.000 min

Lab File: BN031437.D

Acq: 08 May 2024 13:25

Instrument :

BNA_N

ClientSampleId :

MW-18B-112-050124

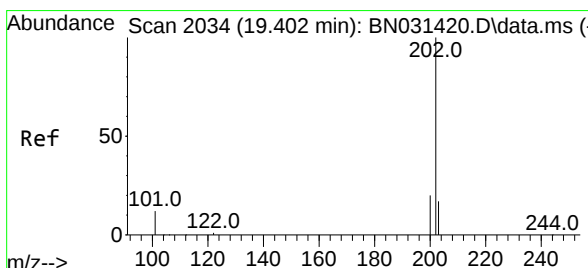
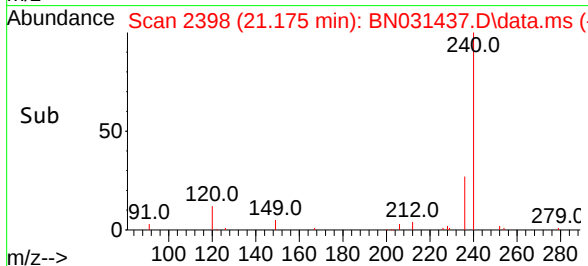
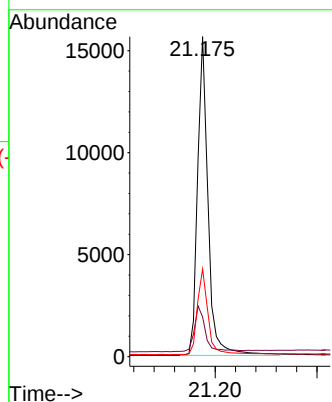
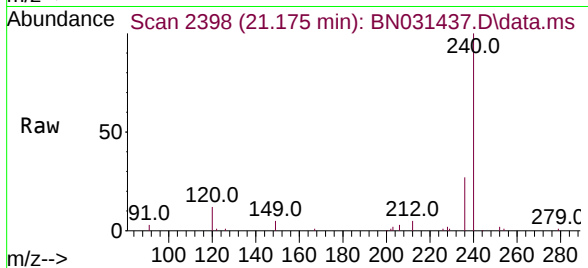
Tgt Ion:240 Resp: 22451

Ion Ratio Lower Upper

240 100

120 12.4 7.9 11.9#

236 27.4 21.4 32.2



#30

Pyrene

Concen: Below Cal

RT: 19.402 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BN031437.D

Acq: 08 May 2024 13:25

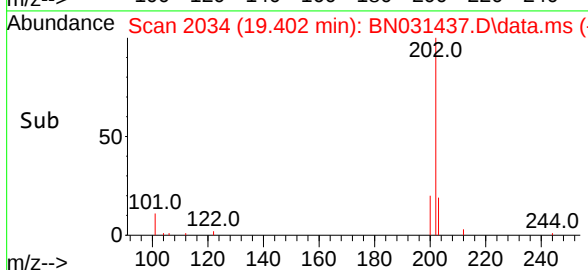
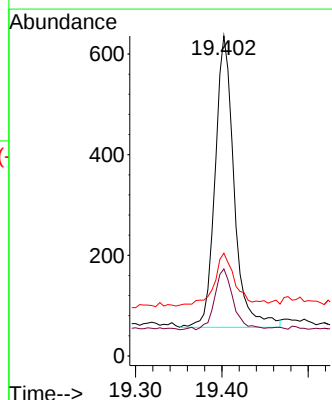
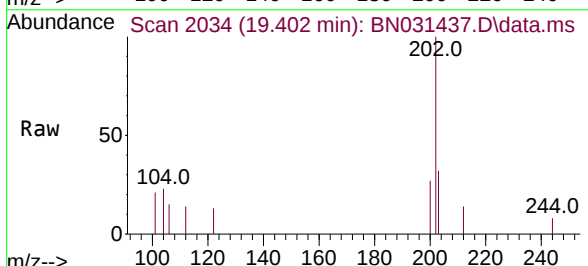
Tgt Ion:202 Resp: 885

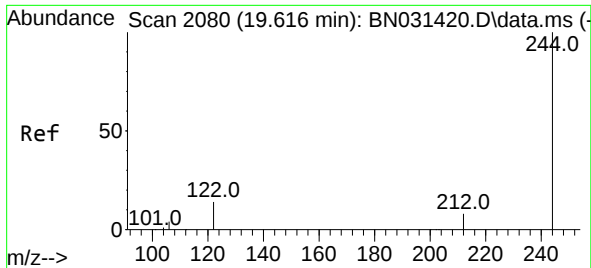
Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

203 19.5 14.3 21.5

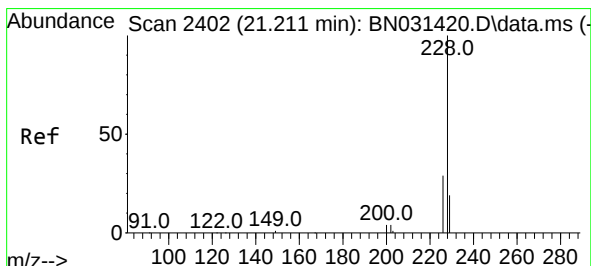
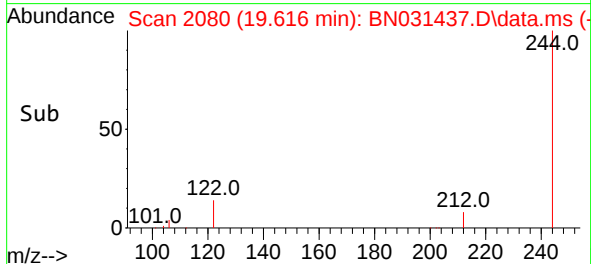
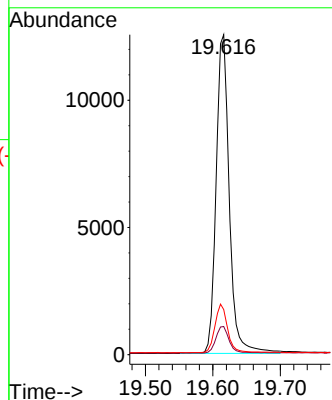
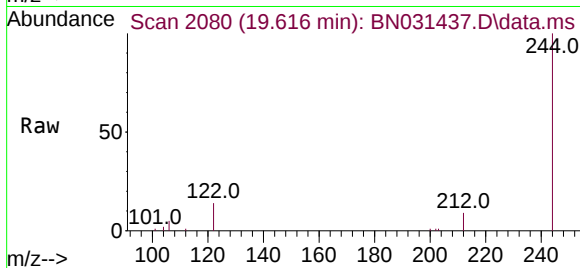




#31
 Terphenyl-d14
 Concen: 0.298 ng
 RT: 19.616 min Scan# 2080
 Delta R.T. 0.000 min
 Lab File: BN031437.D
 Acq: 08 May 2024 13:25

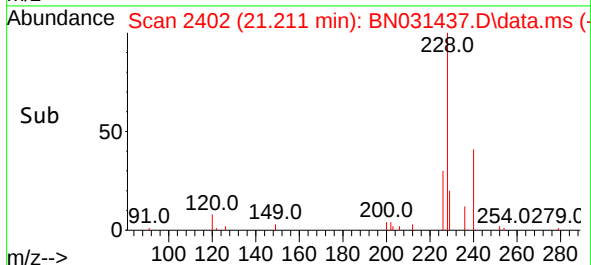
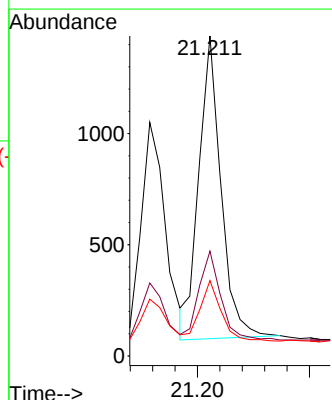
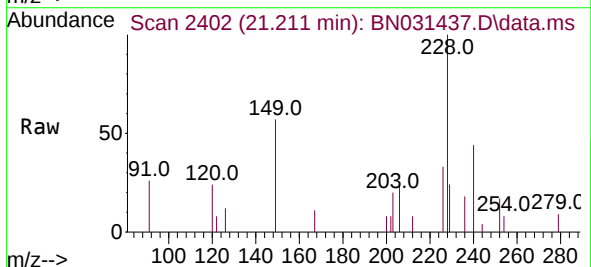
Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-112-050124

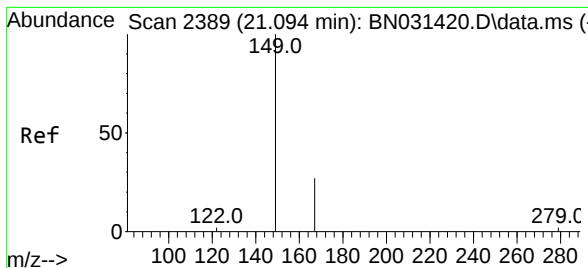
Tgt Ion:244 Resp: 16999
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 14.1 11.4 17.2



#33
 Chrysene
 Concen: 0.023 ng
 RT: 21.211 min Scan# 2402
 Delta R.T. 0.000 min
 Lab File: BN031437.D
 Acq: 08 May 2024 13:25

Tgt Ion:228 Resp: 1868
 Ion Ratio Lower Upper
 228 100
 226 32.7 23.6 35.4
 229 23.6 15.8 23.8

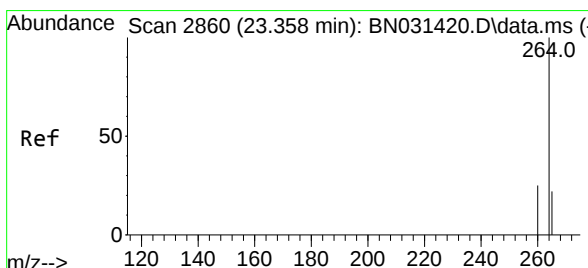
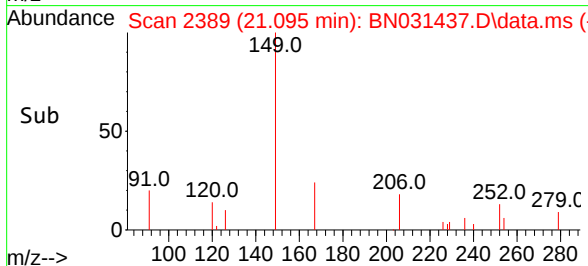
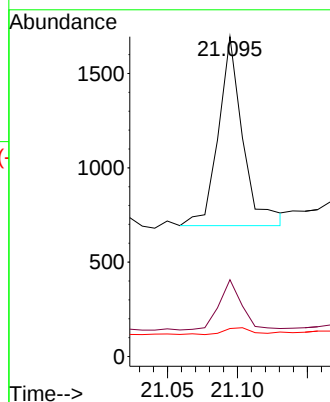
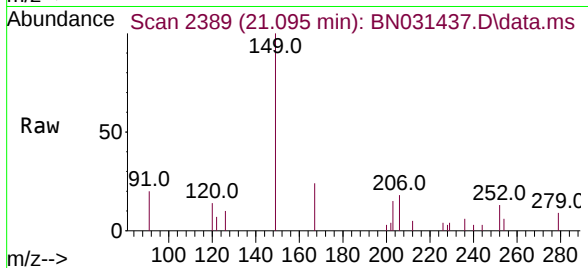




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.030 ng
 RT: 21.095 min Scan# 2389
 Delta R.T. 0.001 min
 Lab File: BN031437.D
 Acq: 08 May 2024 13:25

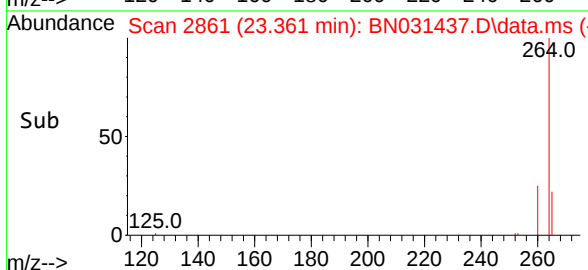
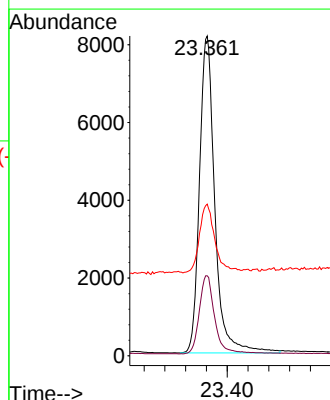
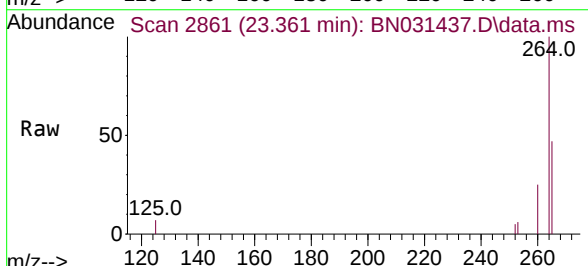
Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-112-050124

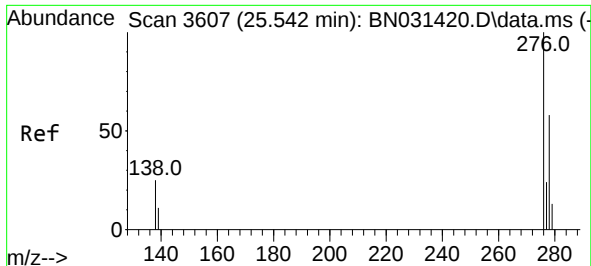
Tgt Ion:	149	Resp:	1215
Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	4.2	3.2	4.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.361 min Scan# 2861
 Delta R.T. 0.003 min
 Lab File: BN031437.D
 Acq: 08 May 2024 13:25

Tgt Ion:	264	Resp:	16702
Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.4
265	47.4	43.4	65.2

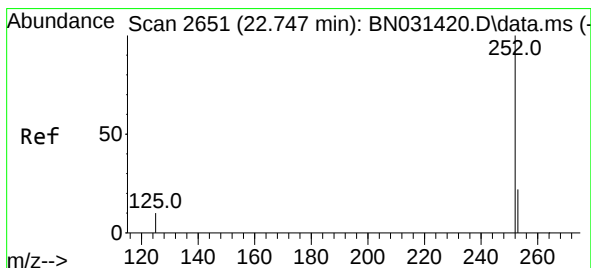
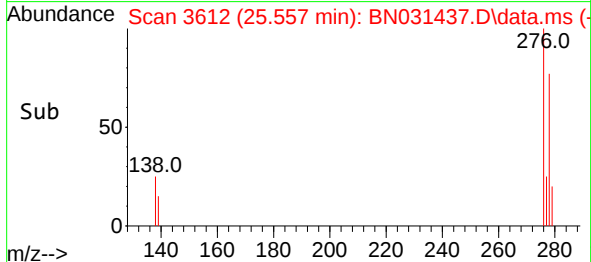
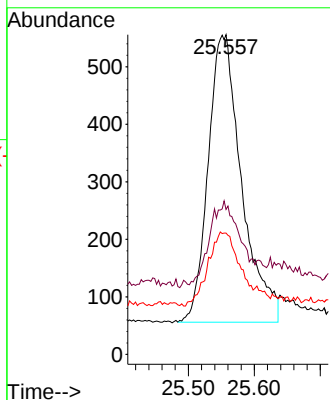
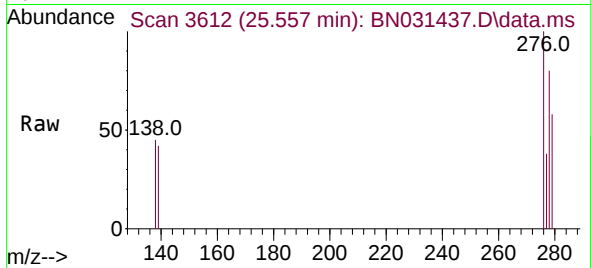




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng
RT: 25.557 min Scan# 3607
Delta R.T. 0.015 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

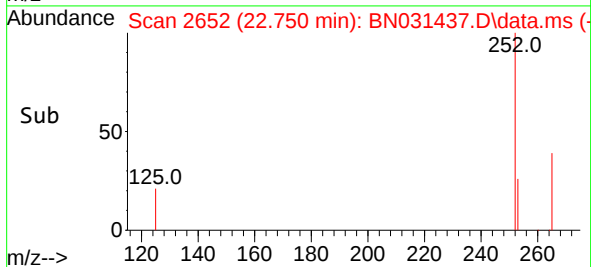
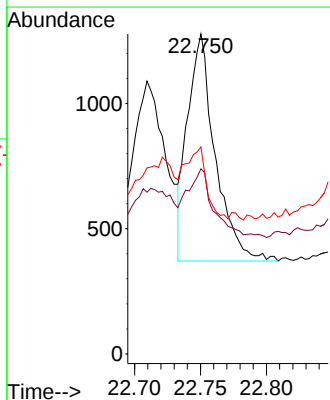
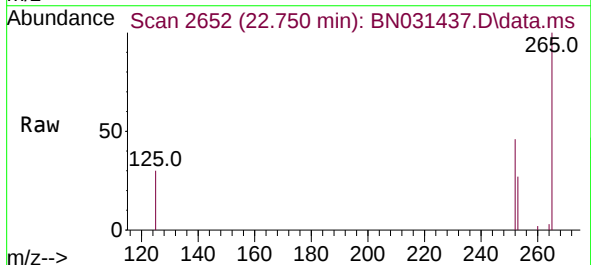
Instrument :
BNA_N
ClientSampleId :
MW-18B-112-050124

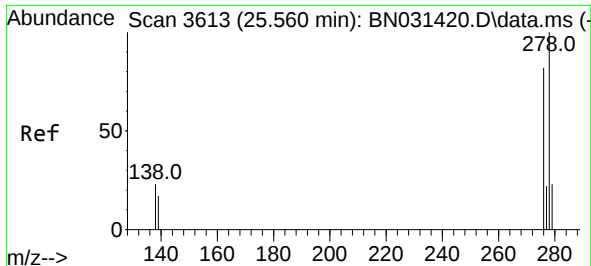
Tgt Ion:	276	Resp:	1766
Ion Ratio	Lower	Upper	
276	100		
138	26.2	21.5	32.3
277	23.8	19.8	29.8



#38
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 22.750 min Scan# 2652
Delta R.T. 0.003 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

Tgt Ion:	252	Resp:	1324
Ion Ratio	Lower	Upper	
252	100		
253	57.8	19.5	29.3#
125	64.7	11.5	17.3#

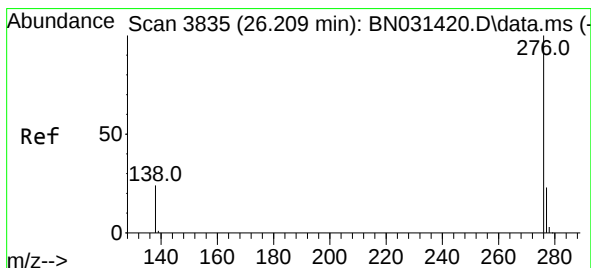
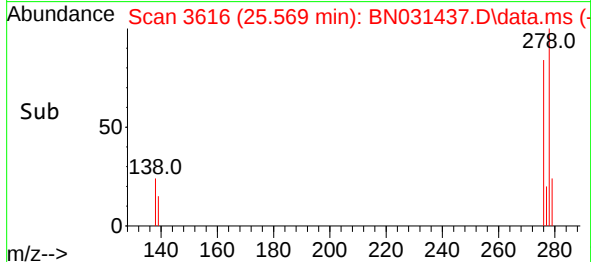
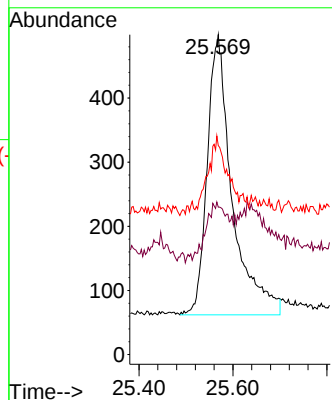
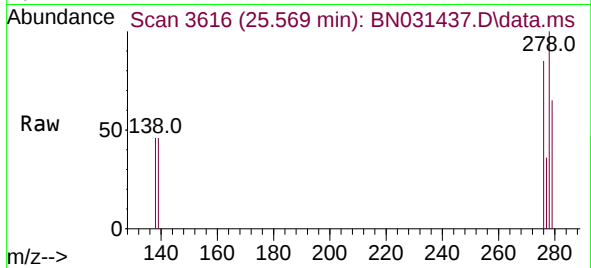




#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 25.569 min Scan# 3613
Delta R.T. 0.009 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

Instrument :
BNA_N
ClientSampleId :
MW-18B-112-050124

Tgt Ion:278 Resp: 1608
Ion Ratio Lower Upper
278 100
139 46.1 14.7 22.1#
279 65.3 20.6 31.0#



#41
Benzo(g,h,i)perylene
Concen: 0.030 ng
RT: 26.218 min Scan# 3838
Delta R.T. 0.009 min
Lab File: BN031437.D
Acq: 08 May 2024 13:25

Tgt Ion:276 Resp: 1643
Ion Ratio Lower Upper
276 100
277 36.9 19.4 29.2#
138 41.4 19.7 29.5#

