

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
 Data File : BN031434.D
 Acq On : 08 May 2024 11:36
 Operator : MA/JU
 Sample : P2394-03DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-72-050324DL

Quant Time: May 08 12:07:44 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)

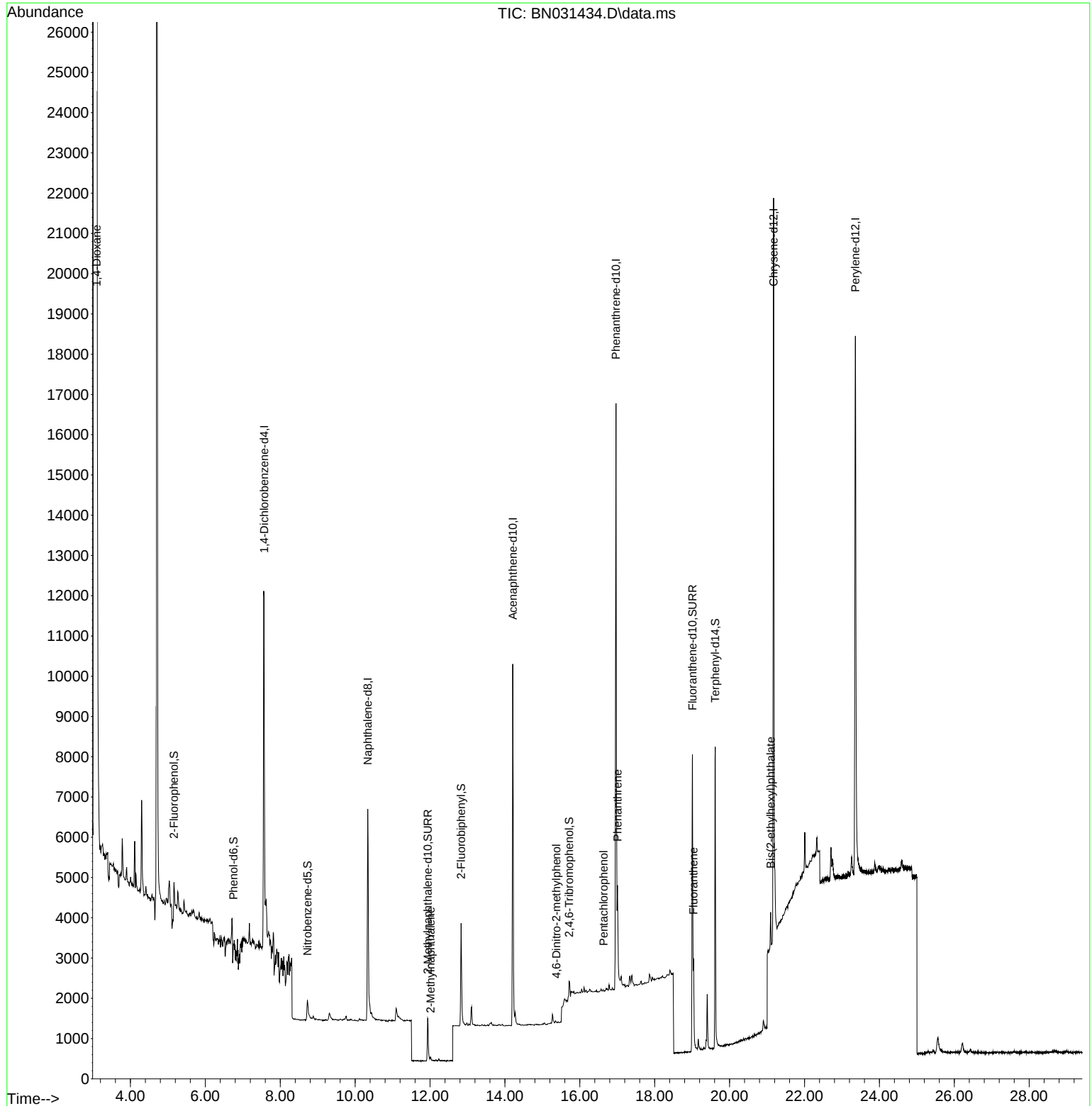
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	4932	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	8276	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	5170	0.400	ng	0.00
19) Phenanthrene-d10	16.967	188	21576	0.400	ng	0.00
29) Chrysene-d12	21.175	240	18487	0.400	ng	0.00
35) Perylene-d12	23.358	264	19079	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	643	0.056	ng	0.00
5) Phenol-d6	6.751	99	320	0.023	ng	0.00
8) Nitrobenzene-d5	8.724	82	644	0.089	ng	0.01
11) 2-Methylnaphthalene-d10	11.937	152	1749	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.713	330	375	0.151	ng	0.00
15) 2-Fluorobiphenyl	12.831	172	2533	0.132	ng	0.00
27) Fluoranthene-d10	19.007	212	9289	0.159	ng	0.00
31) Terphenyl-d14	19.616	244	7667	0.163	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.096	88	22407	3.807	ng	97
12) 2-Methylnaphthalene	12.017	142	54	0.174	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.375	198	1	0.023	ng	# 1
24) Pentachlorophenol	16.631	266	44	0.169	ng	# 60
25) Phenanthrene	17.004	178	2246	0.036	ng	97
28) Fluoranthene	19.035	202	1842	0.024	ng	97
30) Pyrene	19.402	202	1313	Below Cal		96
34) Bis(2-ethylhexyl)phtha...	21.095	149	934	0.028	ng	# 89

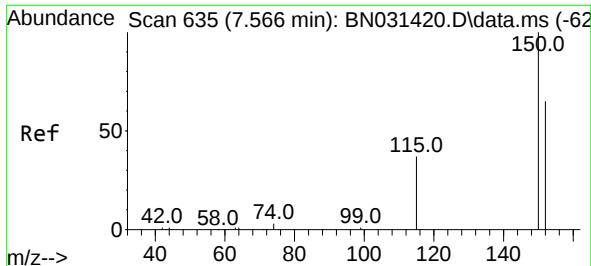
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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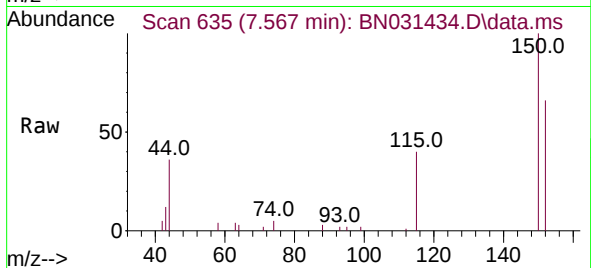
Quant Time: May 08 12:07:44 2024
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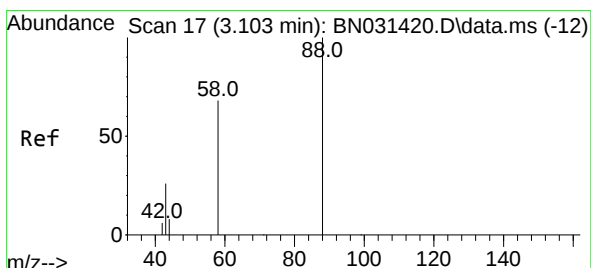
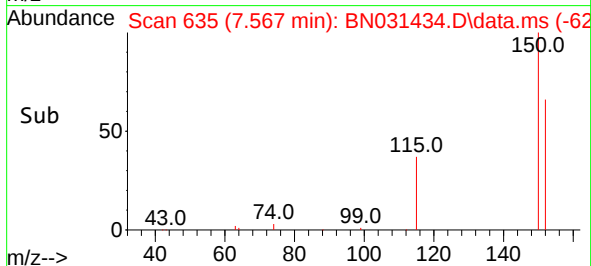
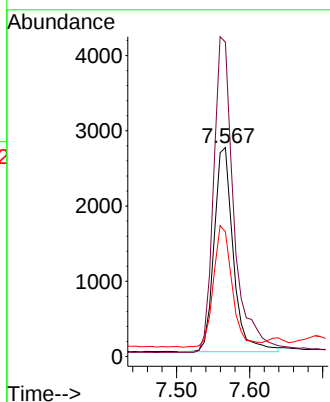
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.567 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN031434.D
 Acq: 08 May 2024 11:36

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-72-050324DL



Tgt Ion:152 Resp: 4932

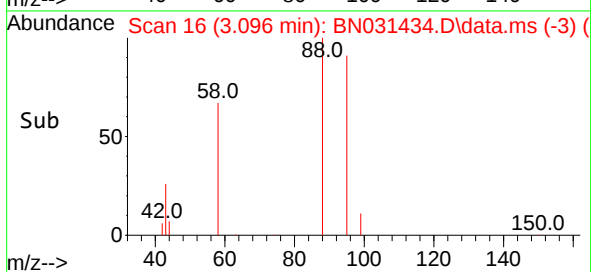
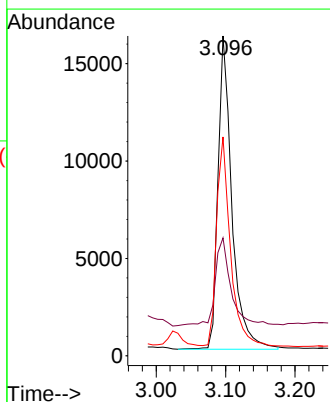
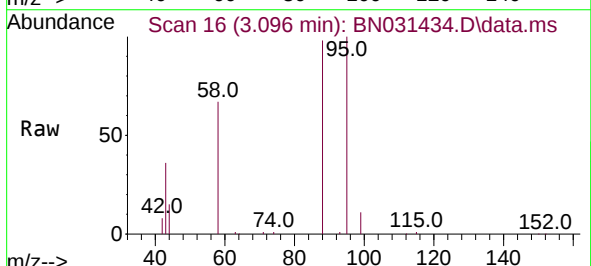
Ion	Ratio	Lower	Upper
152	100		
150	150.5	122.2	183.2
115	59.7	47.8	71.6

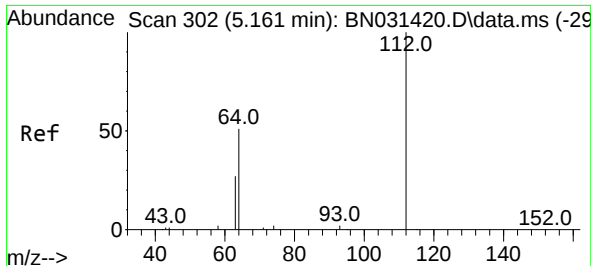


#2
 1,4-Dioxane
 Concen: 3.807 ng
 RT: 3.096 min Scan# 16
 Delta R.T. -0.007 min
 Lab File: BN031434.D
 Acq: 08 May 2024 11:36

Tgt Ion: 88 Resp: 22407

Ion	Ratio	Lower	Upper
88	100		
43	31.7	23.8	35.8
58	65.8	54.6	81.8

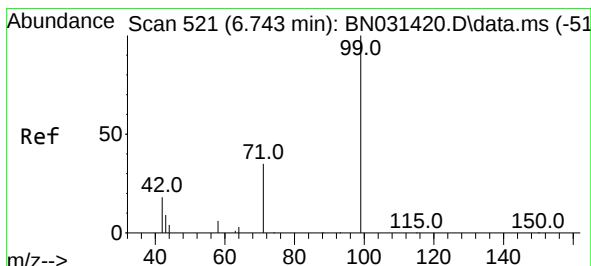
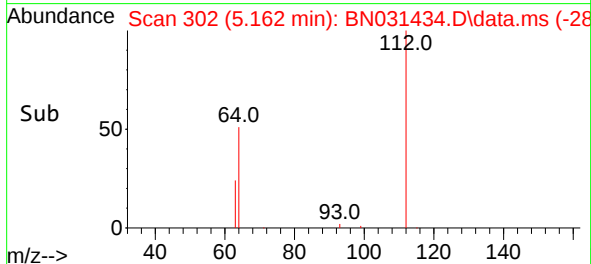
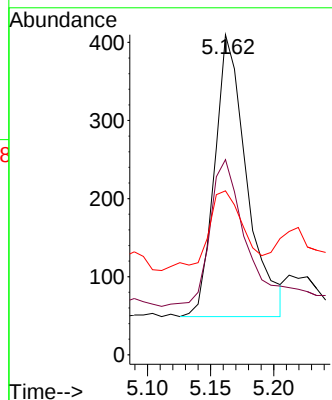
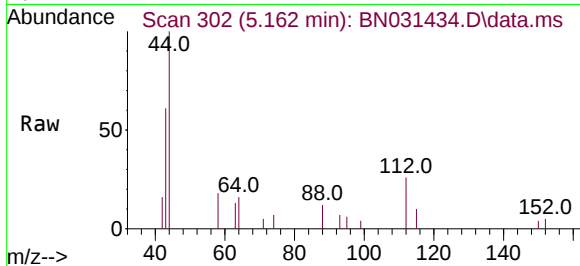




#4
2-Fluorophenol
Concen: 0.056 ng
RT: 5.162 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

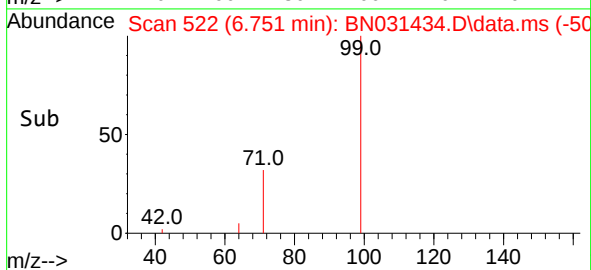
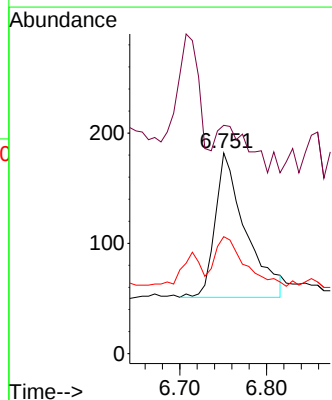
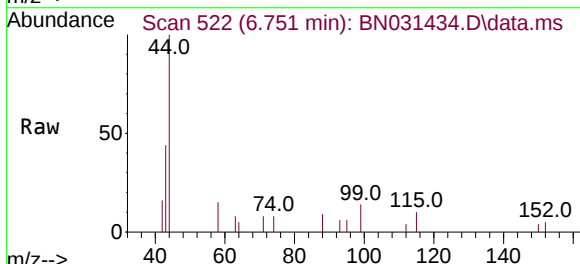
Instrument :
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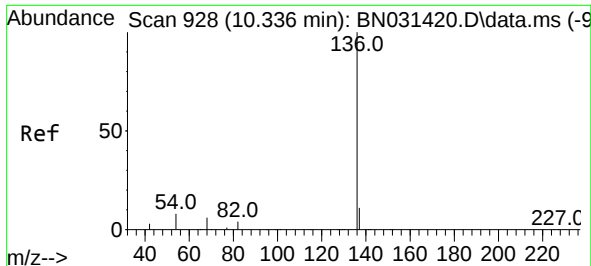
Tgt Ion:	112	Resp:	643
Ion	Ratio	Lower	Upper
112	100		
64	62.1	42.4	63.6
63	30.9	22.6	34.0



#5
Phenol-d6
Concen: 0.023 ng
RT: 6.751 min Scan# 522
Delta R.T. 0.007 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

Tgt Ion:	99	Resp:	320
Ion	Ratio	Lower	Upper
99	100		
42	33.4	15.8	23.8
71	28.4	27.8	41.6

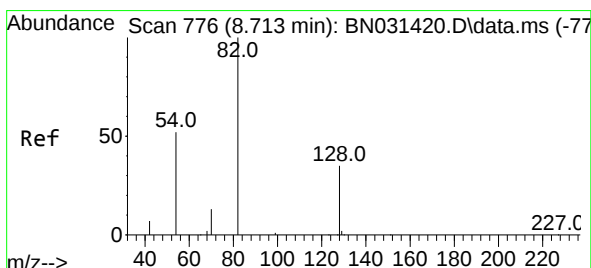
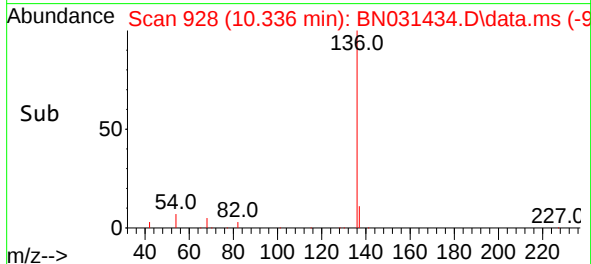
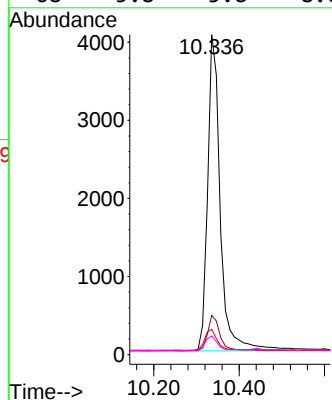
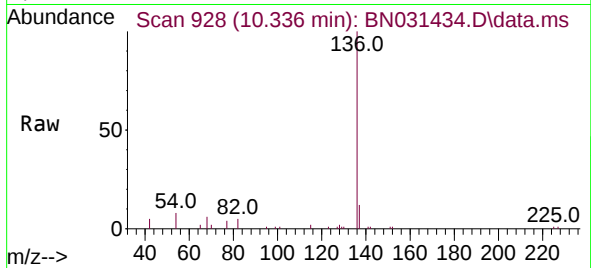




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

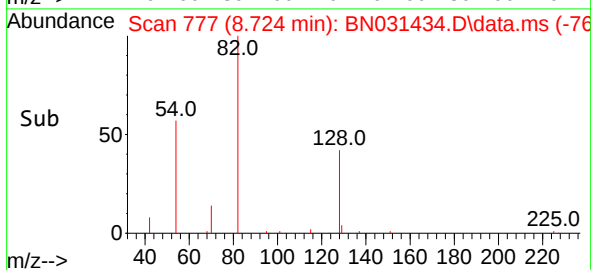
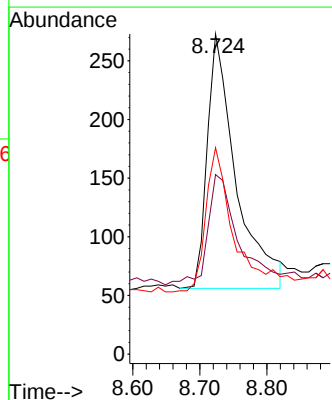
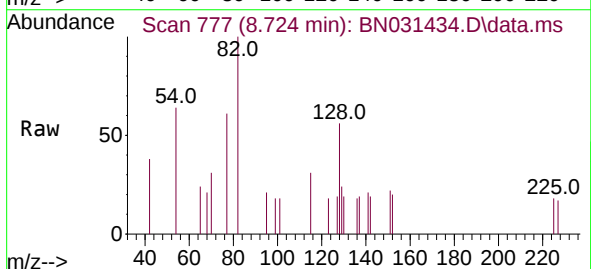
Instrument :
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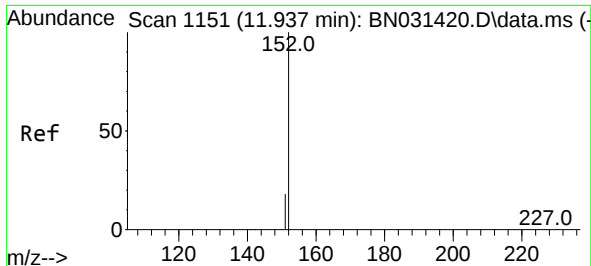
Tgt Ion:	136	Resp:	8276
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	7.9	7.2	10.8
68	5.8	5.8	8.6



#8
Nitrobenzene-d5
Concen: 0.089 ng
RT: 8.724 min Scan# 777
Delta R.T. 0.011 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

Tgt Ion:	82	Resp:	644
Ion	Ratio	Lower	Upper
82	100		
128	56.0	30.0	45.0#
54	64.5	43.4	65.0

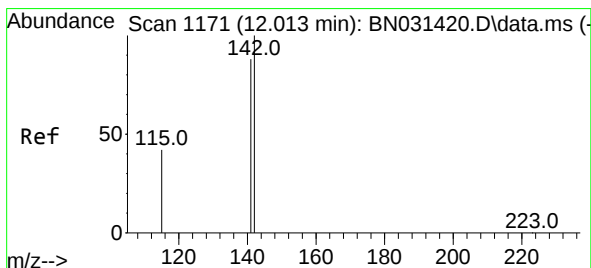
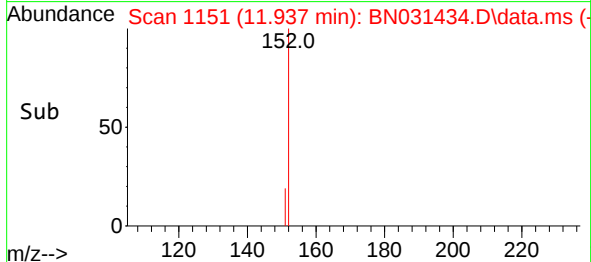
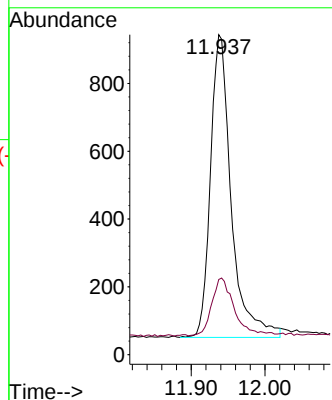
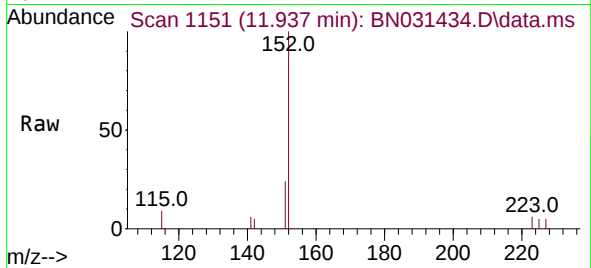




#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 11.937 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

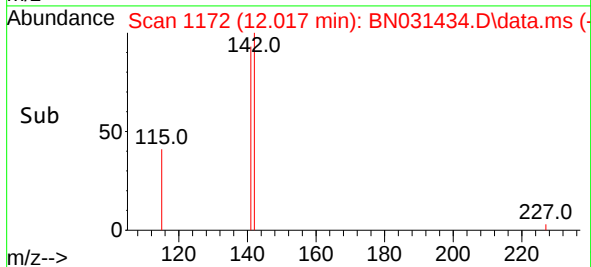
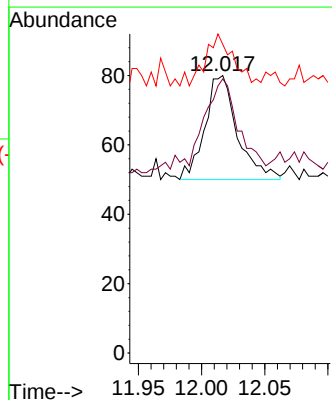
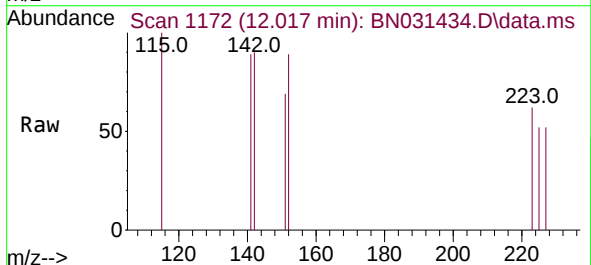
Instrument :
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ClientSampleId :
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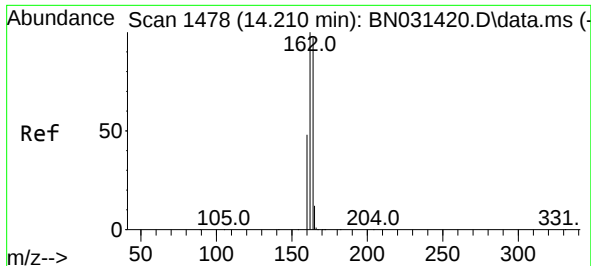
Tgt Ion:152 Resp: 1749
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.174 ng
RT: 12.017 min Scan# 1172
Delta R.T. 0.004 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
141 98.8 70.2 105.2
115 111.3 34.2 51.4#

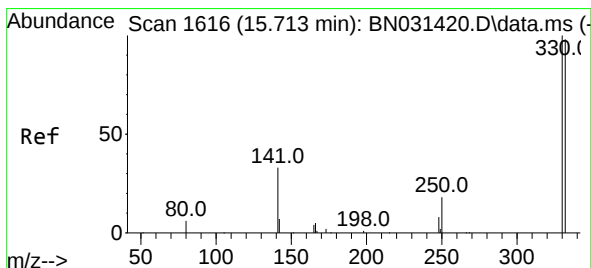
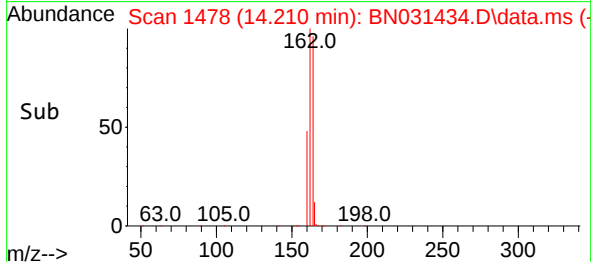
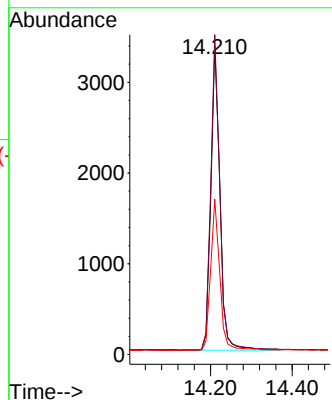
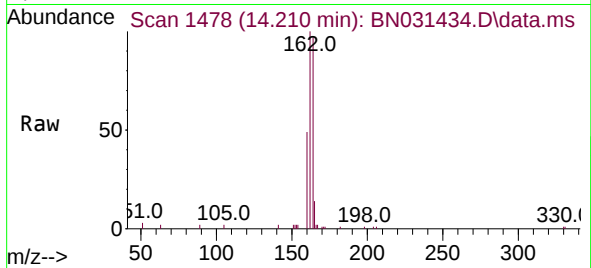




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

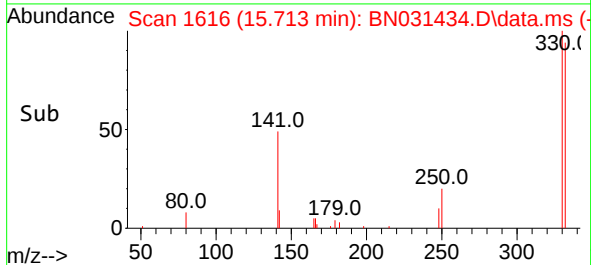
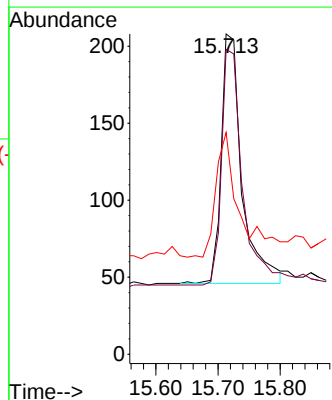
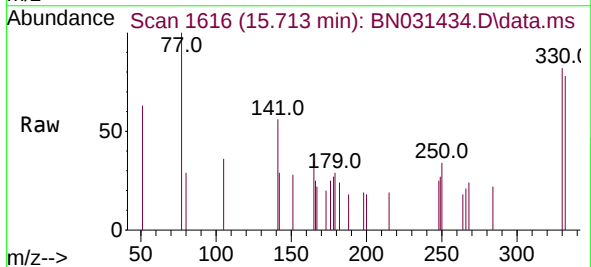
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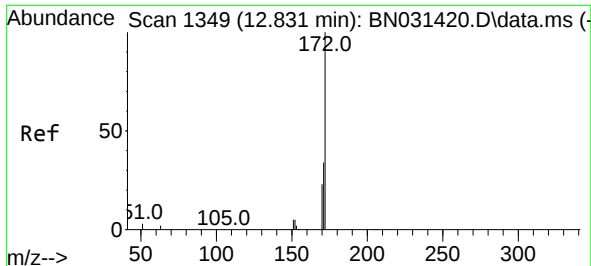
Tgt Ion:164 Resp: 5170
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 50.3 40.2 60.2



#14
2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

Tgt Ion:330 Resp: 375
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 57.6 39.3 58.9

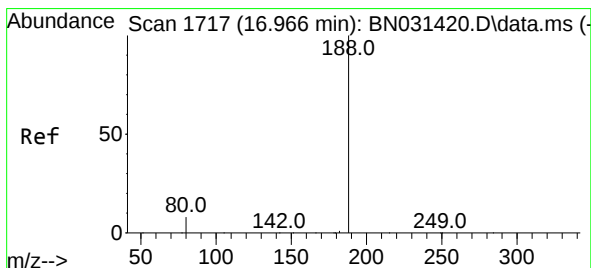
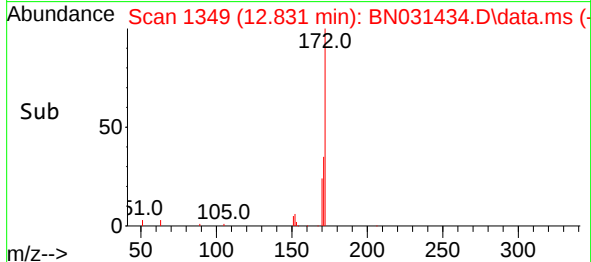
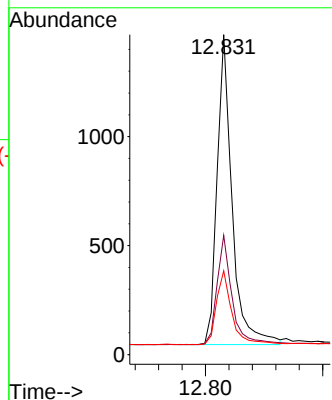
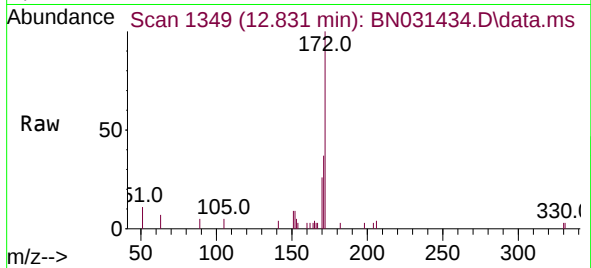




#15
2-Fluorobiphenyl
Concen: 0.132 ng
RT: 12.831 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

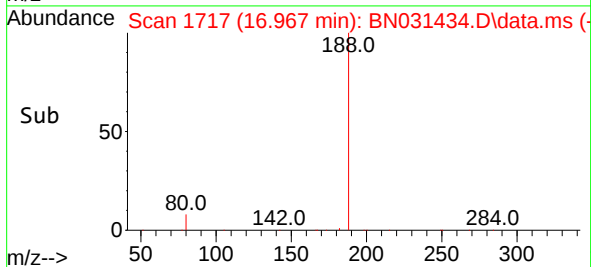
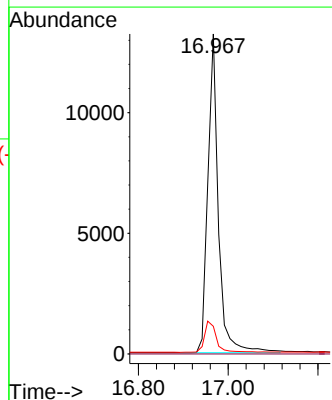
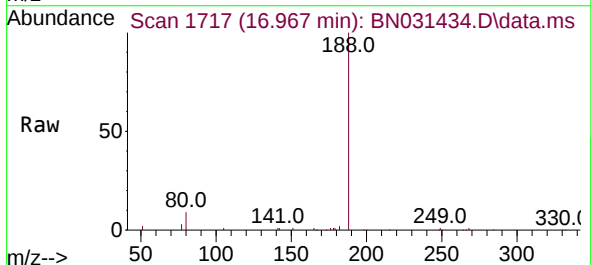
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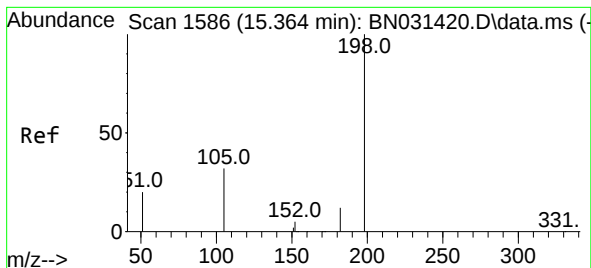
Tgt Ion:	172	Resp:	2533
Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.0	42.0
170	26.2	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.967 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

Tgt Ion:	188	Resp:	21576
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	6.8	10.2

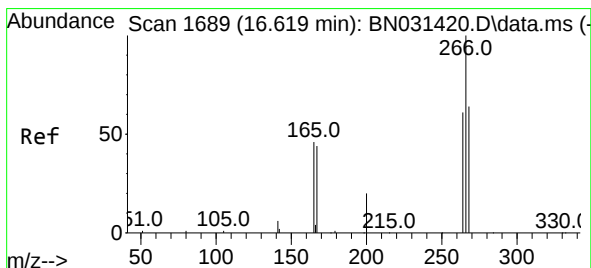
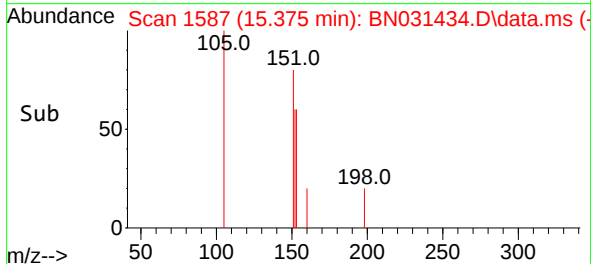
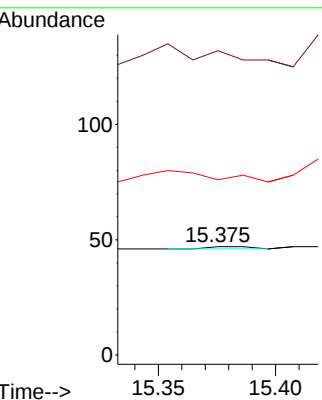
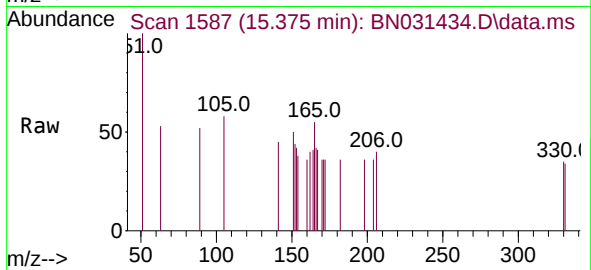




#20
4,6-Dinitro-2-methylphenol
Concen: 0.023 ng
RT: 15.375 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

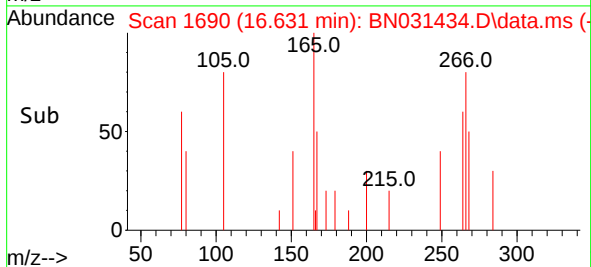
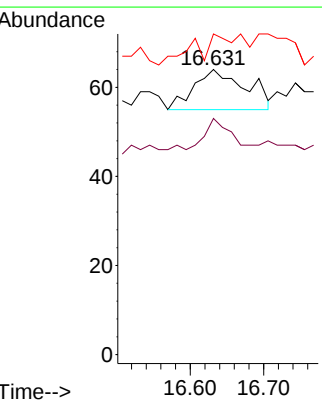
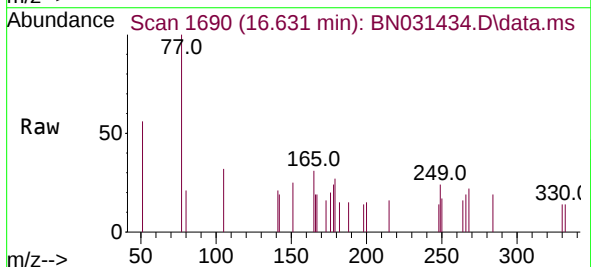
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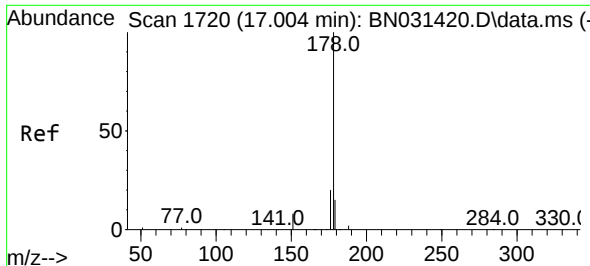
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 280.9 47.4 71.2#
105 161.7 35.7 53.5#



#24
Pentachlorophenol
Concen: 0.169 ng
RT: 16.631 min Scan# 1690
Delta R.T. 0.012 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

Tgt Ion:266 Resp: 44
Ion Ratio Lower Upper
266 100
264 38.6 49.0 73.4#
268 25.0 51.0 76.4#

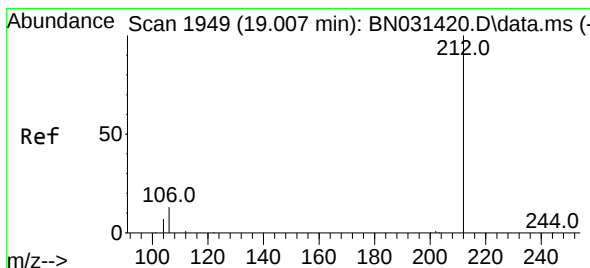
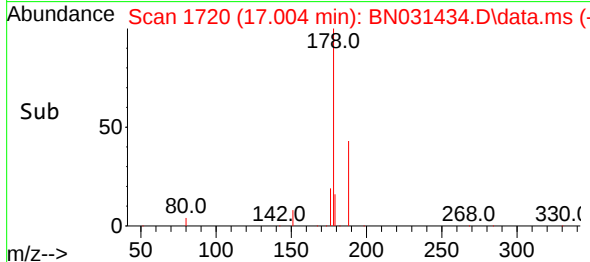
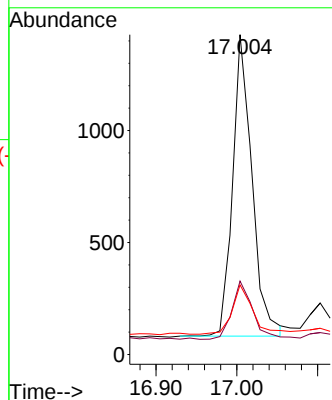
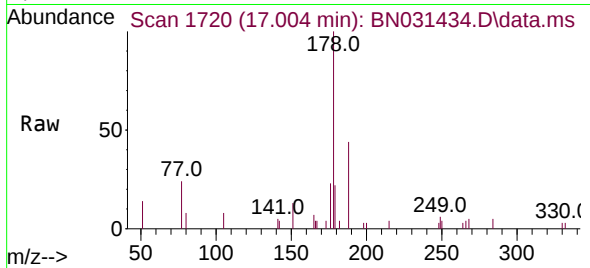




#25
Phenanthrene
Concen: 0.036 ng
RT: 17.004 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

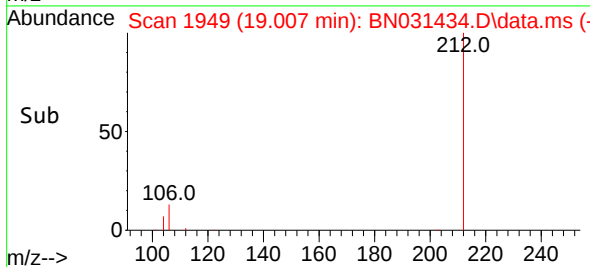
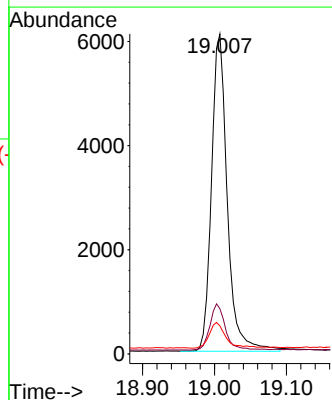
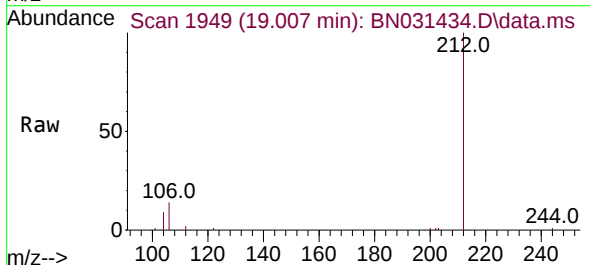
Instrument :
BNA_N
ClientSampleId :
MW-17B-72-050324DL

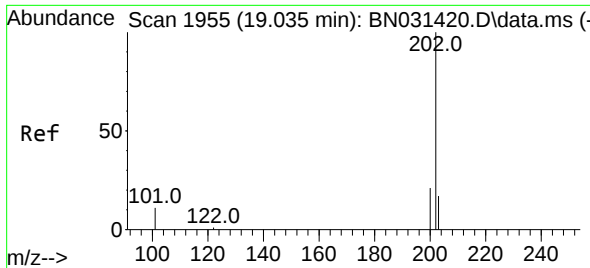
Tgt Ion:	178	Resp:	2246
Ion Ratio	Lower	Upper	
178	100		
176	20.5	15.3	22.9
179	17.0	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.159 ng
RT: 19.007 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

Tgt Ion:	212	Resp:	9289
Ion Ratio	Lower	Upper	
212	100		
106	14.3	11.5	17.3
104	8.5	6.4	9.6

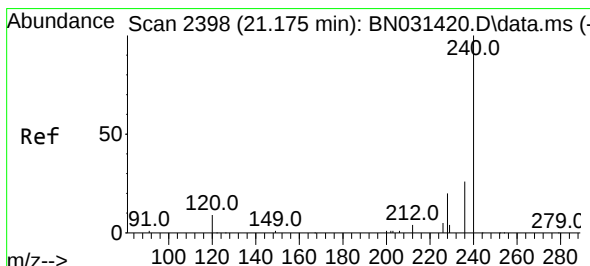
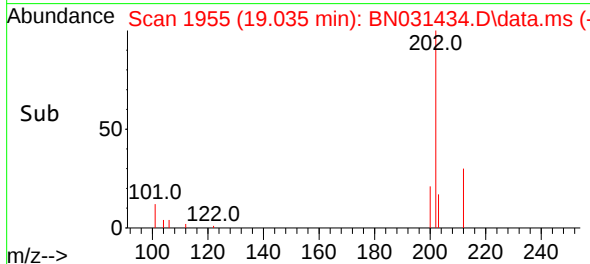
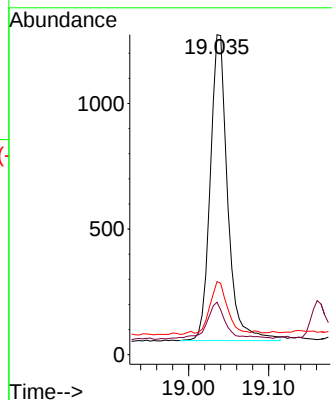
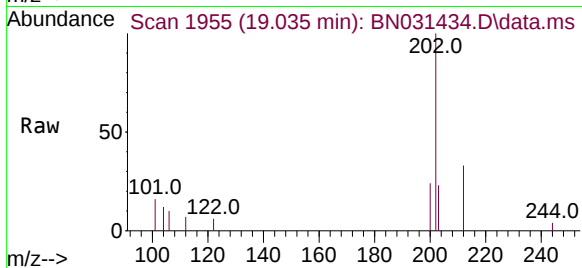




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.035 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

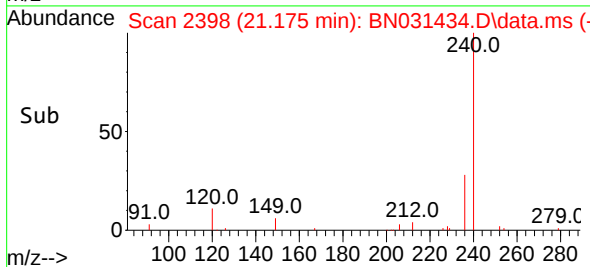
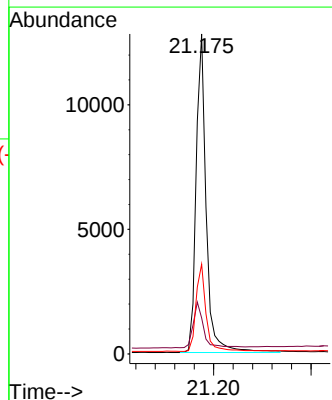
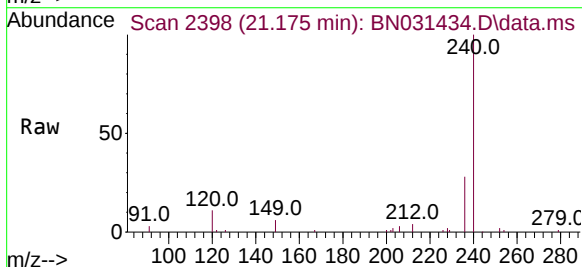
Instrument :
BNA_N
ClientSampleId :
MW-17B-72-050324DL

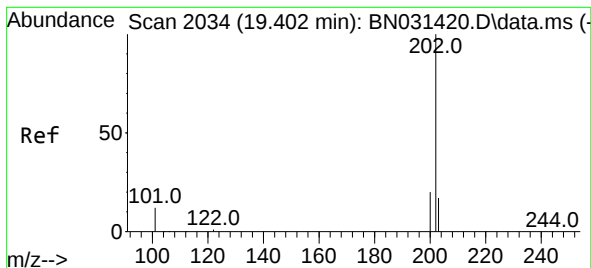
Tgt Ion:202 Resp: 1842
Ion Ratio Lower Upper
202 100
101 13.7 9.2 13.8
203 16.6 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.175 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

Tgt Ion:240 Resp: 18487
Ion Ratio Lower Upper
240 100
120 11.3 7.9 11.9
236 28.0 21.4 32.2





#30

Pyrene

Concen: Below Cal

RT: 19.402 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BN031434.D

Acq: 08 May 2024 11:36

Instrument :

BNA_N

ClientSampleId :

MW-17B-72-050324DL

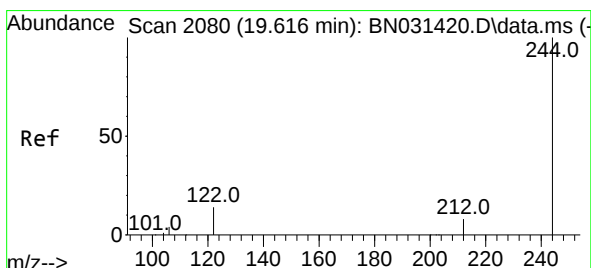
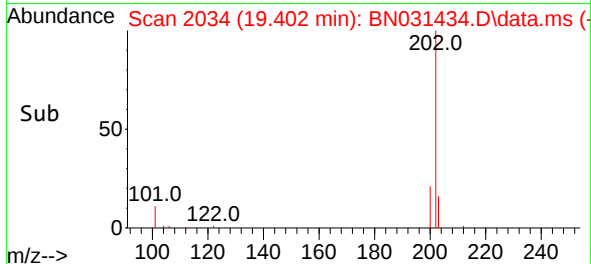
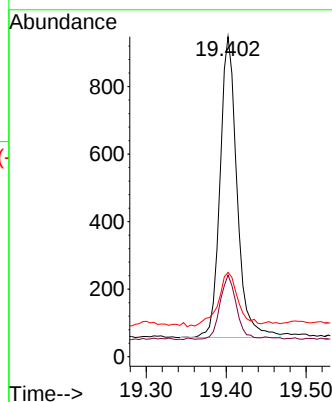
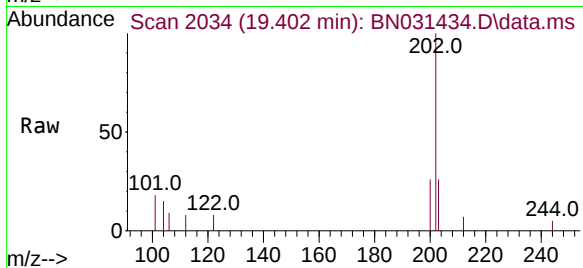
Tgt Ion:202 Resp: 1313

Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

203 20.9 14.3 21.5



#31

Terphenyl-d14

Concen: 0.163 ng

RT: 19.616 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BN031434.D

Acq: 08 May 2024 11:36

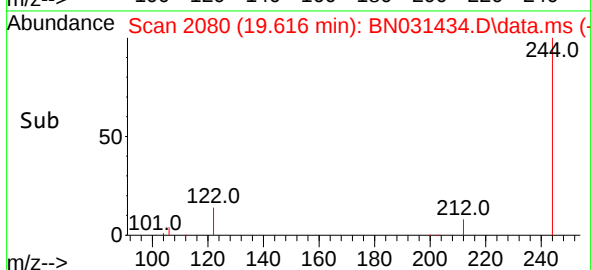
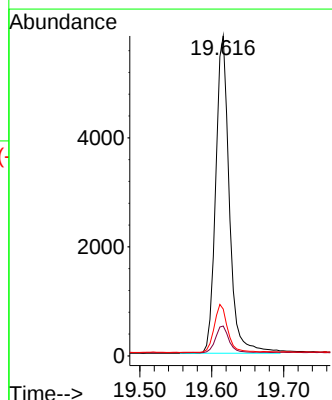
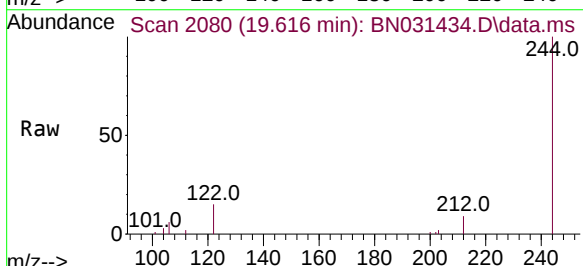
Tgt Ion:244 Resp: 7667

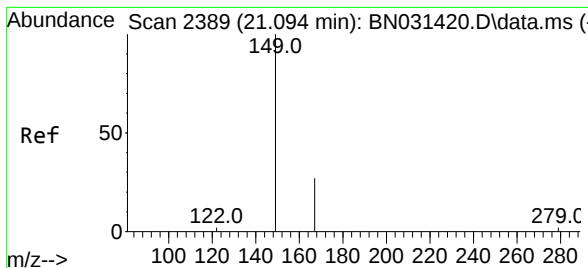
Ion Ratio Lower Upper

244 100

212 9.3 6.9 10.3

122 14.7 11.4 17.2

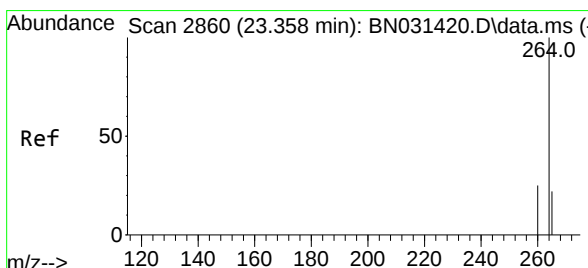
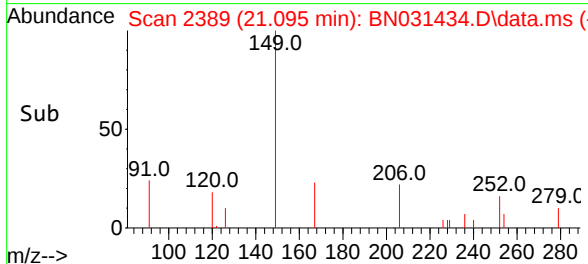
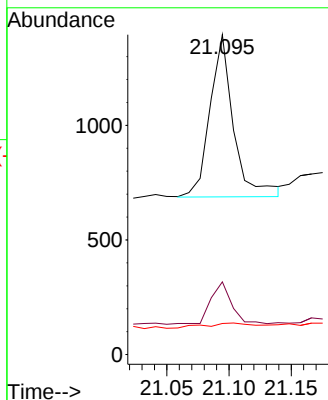
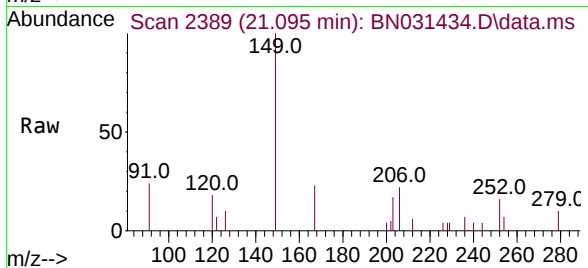




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.028 ng
RT: 21.095 min Scan# 2389
Delta R.T. 0.001 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

Instrument :
BNA_N
ClientSampleId :
MW-17B-72-050324DL

Tgt Ion:149 Resp: 934
Ion Ratio Lower Upper
149 100
167 23.1 23.0 34.4
279 0.0 3.2 4.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.358 min Scan# 2860
Delta R.T. 0.000 min
Lab File: BN031434.D
Acq: 08 May 2024 11:36

Tgt Ion:264 Resp: 19079
Ion Ratio Lower Upper
264 100
260 25.3 20.2 30.4
265 54.8 43.4 65.2

