

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
 Data File : BN033681.D
 Acq On : 29 Aug 2024 22:45
 Operator : MA/JU
 Sample : P3769-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-09-6.5-082724

Quant Time: Aug 30 01:33:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 23:33:13 2024
 Response via : Initial Calibration

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

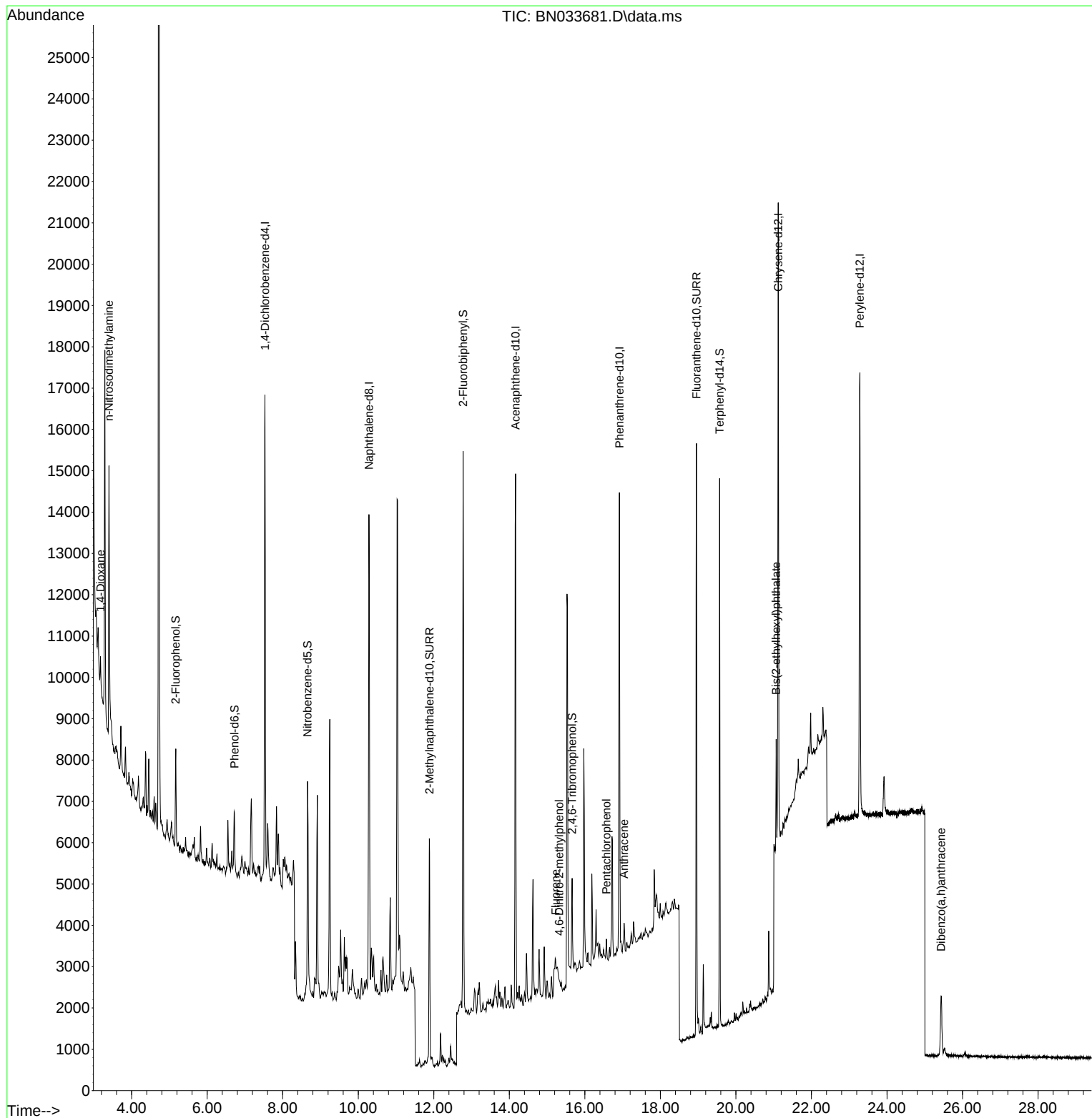
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	5460	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	14178	0.400	ng	#-0.01
13) Acenaphthene-d10	14.167	164	7204	0.400	ng	0.00
19) Phenanthrene-d10	16.917	188	14643	0.400	ng	0.00
29) Chrysene-d12	21.121	240	12941	0.400	ng	0.00
35) Perylene-d12	23.282	264	13728	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	1743	0.106	ng	0.00
5) Phenol-d6	6.721	99	1227	0.063	ng	0.00
8) Nitrobenzene-d5	8.659	82	3961	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	11.884	152	7144	0.357	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	1270	0.367	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	10863	0.358	ng	0.00
27) Fluoranthene-d10	18.956	212	15827	0.438	ng	0.00
31) Terphenyl-d14	19.569	244	12168	0.444	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	458	0.072	ng	# 1
3) n-Nitrosodimethylamine	3.399	42	1453	0.195	ng	# 1
18) Fluorene	15.225	166	2312	0.086	ng	# 16
20) 4,6-Dinitro-2-methylph...	15.322	198	74	0.033	ng	# 1
24) Pentachlorophenol	16.569	266	209	0.048	ng	97
26) Anthracene	17.041	178	757	0.021	ng	98
34) Bis(2-ethylhexyl)phtha...	21.067	149	8361	0.323	ng	# 63
40) Dibenzo(a,h)anthracene	25.434	278	2063	0.044	ng	# 59

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

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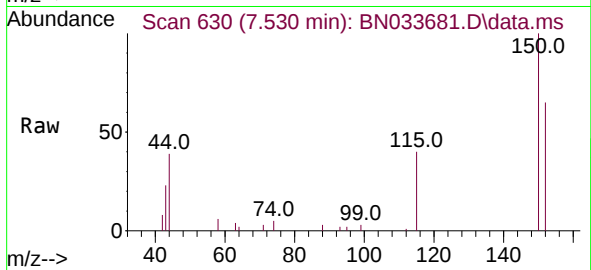
Quant Time: Aug 30 01:33:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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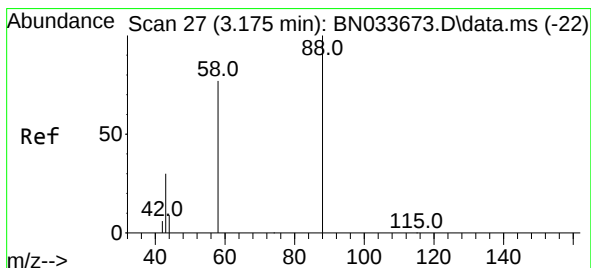
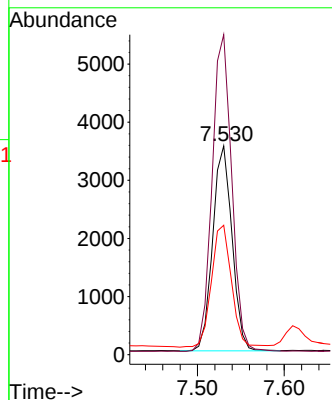
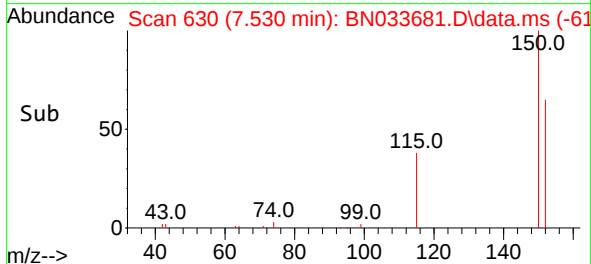


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.530 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45

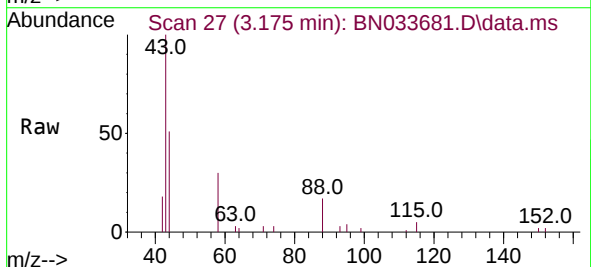
Instrument :
 BNA_N
 ClientSampleId :
 MW-09-6.5-082724



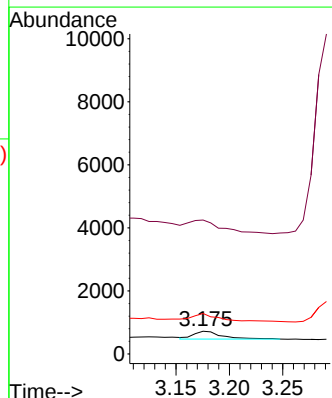
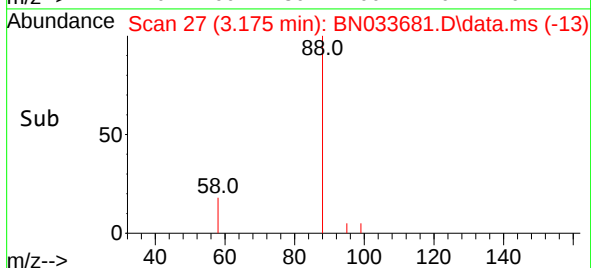
Tgt Ion:152 Resp: 5460
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.4 185.0
 115 62.0 51.3 76.9

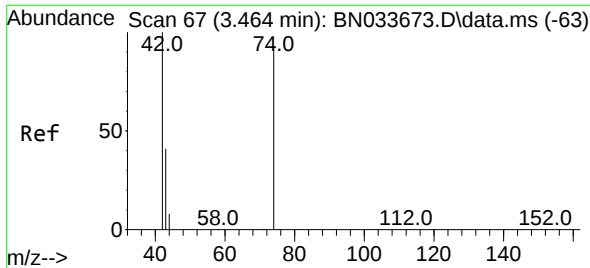


#2
 1,4-Dioxane
 Concen: 0.072 ng
 RT: 3.175 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45



Tgt Ion: 88 Resp: 458
 Ion Ratio Lower Upper
 88 100
 43 203.5 26.8 40.2#
 58 104.6 63.4 95.0#

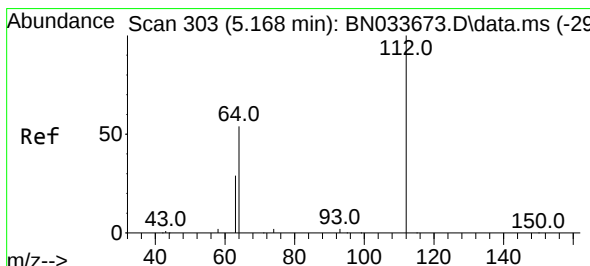
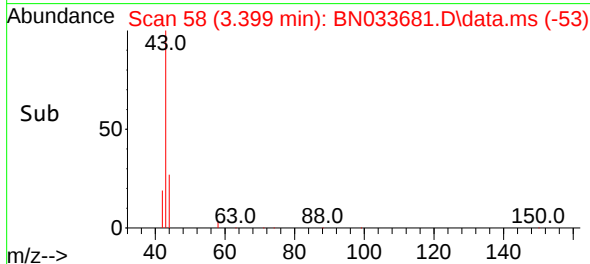
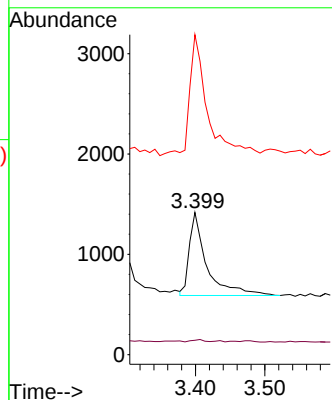
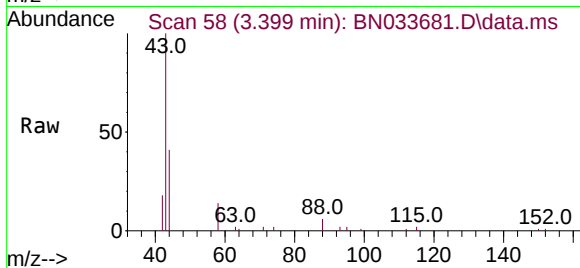




#3
n-Nitrosodimethylamine
Concen: 0.195 ng
RT: 3.399 min Scan# 51
Delta R.T. -0.065 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

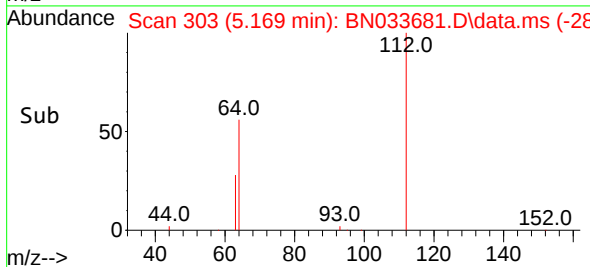
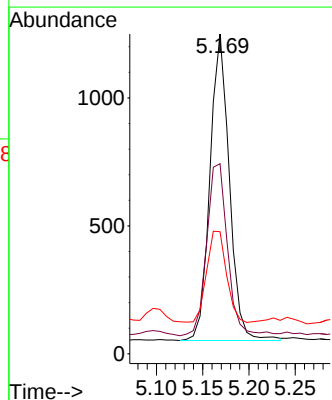
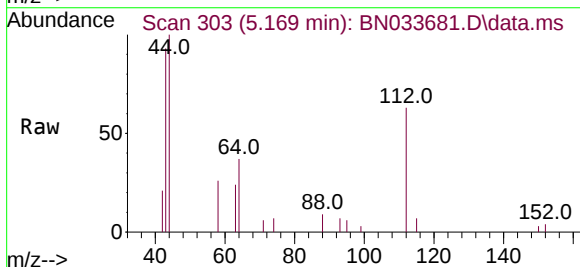
Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-082724

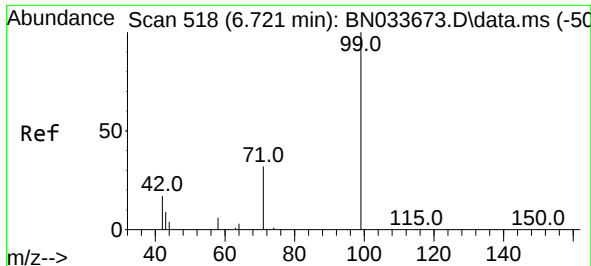
Tgt Ion: 42 Resp: 1453
Ion Ratio Lower Upper
42 100
74 1.7 91.8 137.6#
44 131.2 6.2 9.4#



#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.169 min Scan# 303
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

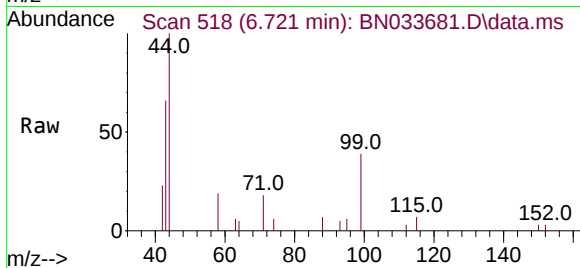
Tgt Ion: 112 Resp: 1743
Ion Ratio Lower Upper
112 100
64 60.7 48.6 72.8
63 30.2 26.6 39.8



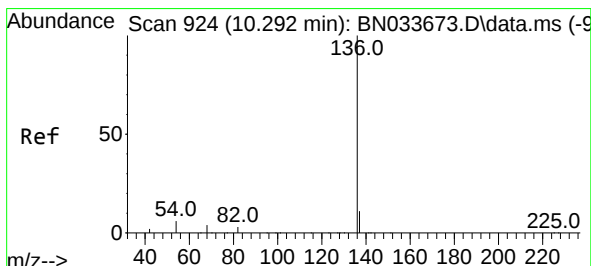
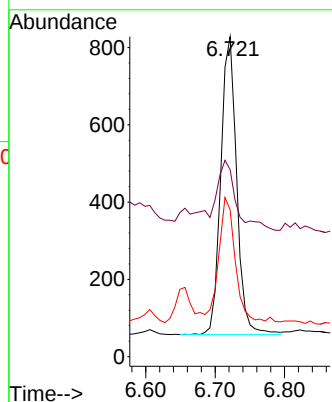
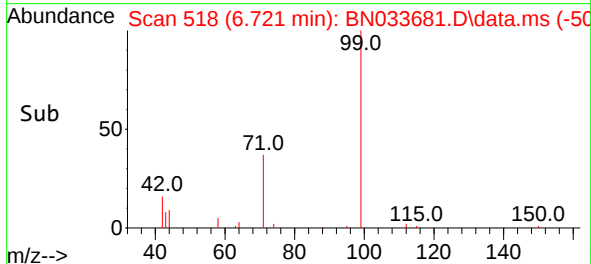


#5
Phenol-d6
Concen: 0.063 ng
RT: 6.721 min Scan# 518
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

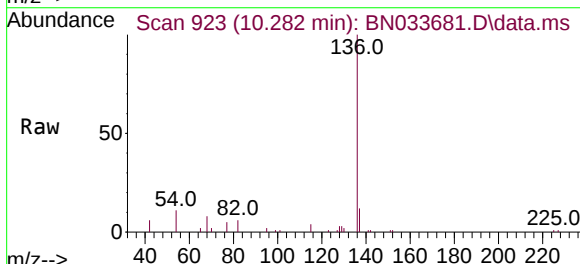
Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-082724



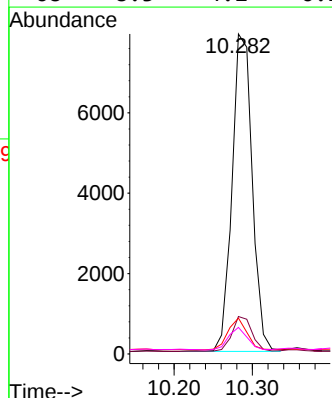
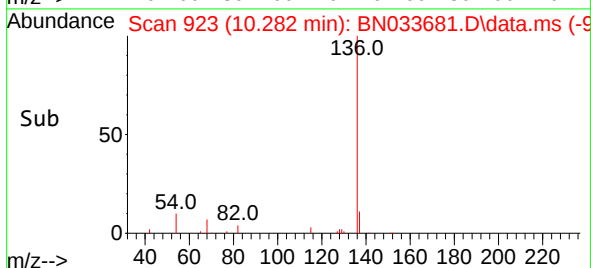
Tgt Ion: 99 Resp: 1227
Ion Ratio Lower Upper
99 100
42 27.4 17.8 26.8#
71 41.9 28.0 42.0

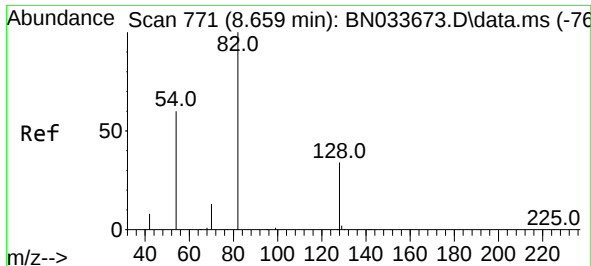


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 923
Delta R.T. -0.010 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45



Tgt Ion: 136 Resp: 14178
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 11.2 5.8 8.6#
68 8.3 4.2 6.2#

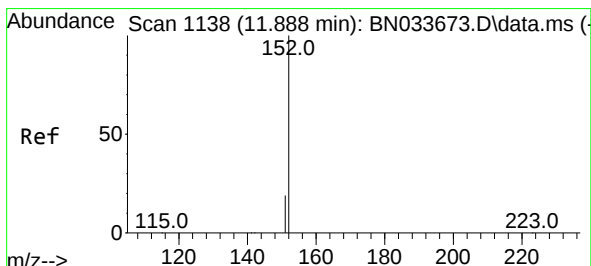
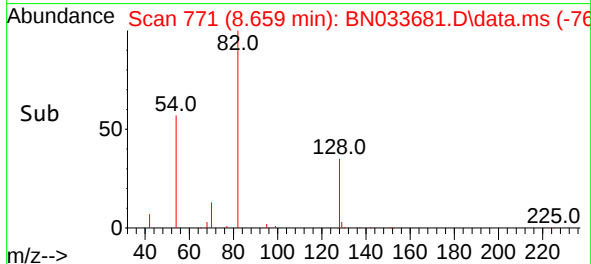
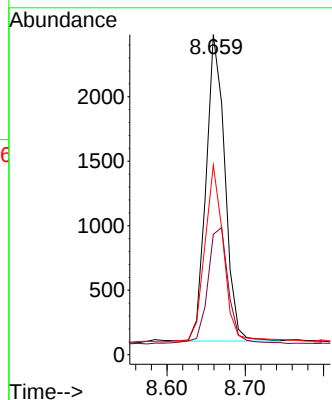
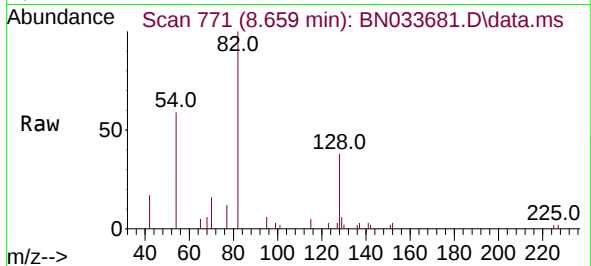




#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

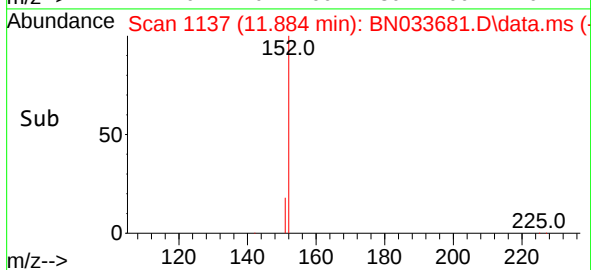
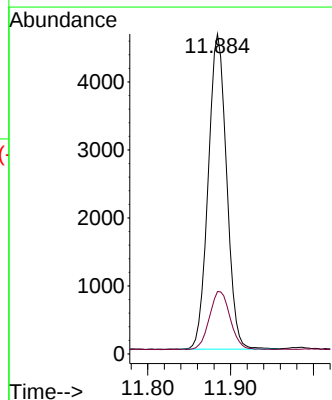
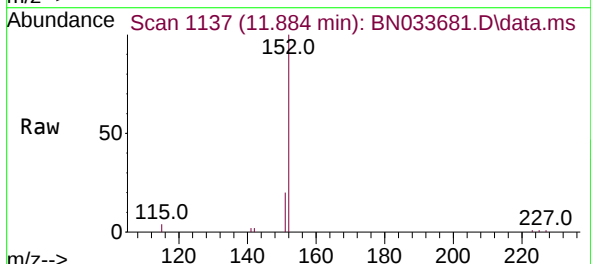
Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-082724

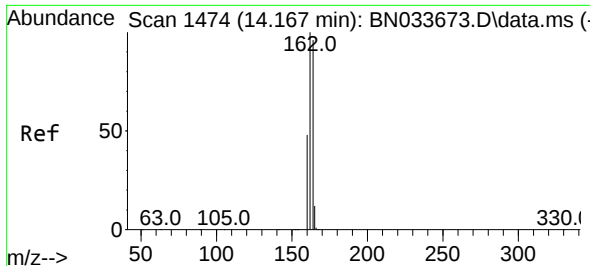
Tgt Ion:	82	Resp:	3961
Ion Ratio	Lower	Upper	
82	100		
128	37.6	29.3	43.9
54	59.3	49.4	74.0



#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 11.884 min Scan# 1137
Delta R.T. -0.003 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

Tgt Ion:	152	Resp:	7144
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.7	25.1

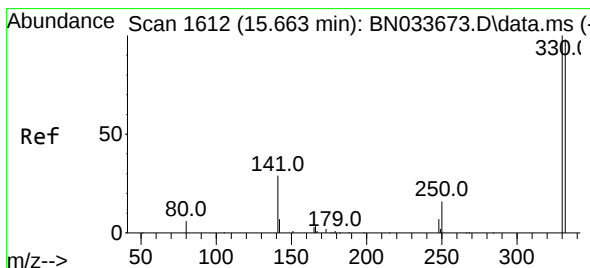
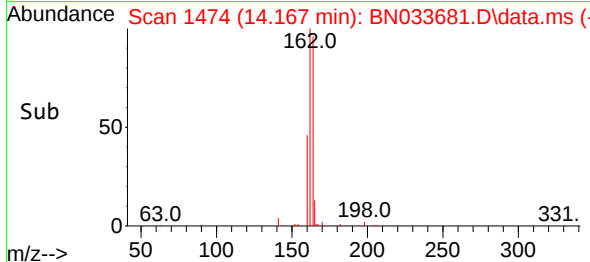
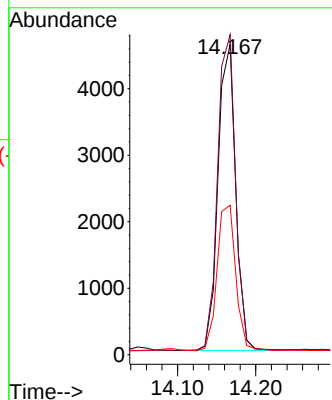
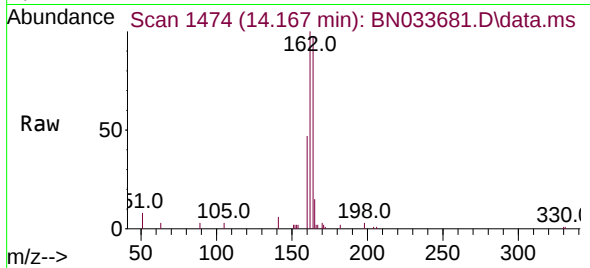




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.167 min Scan# 1474
 Delta R.T. 0.000 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45

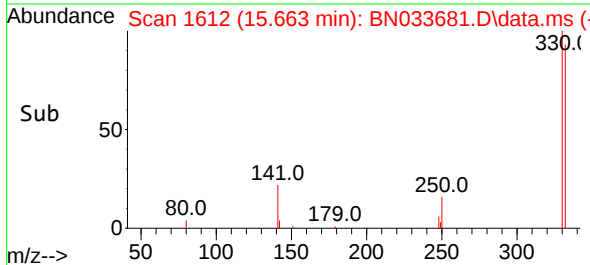
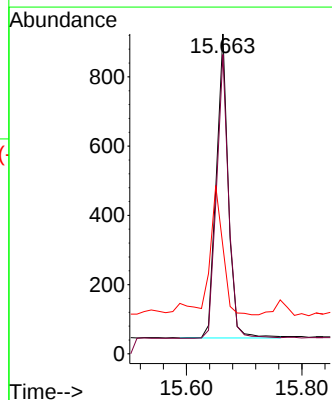
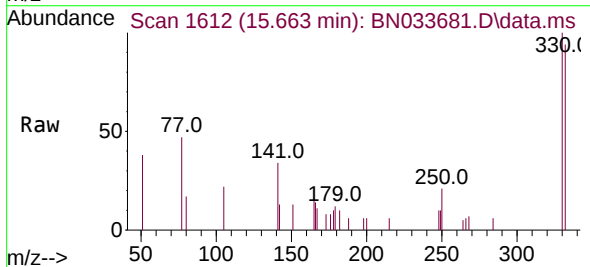
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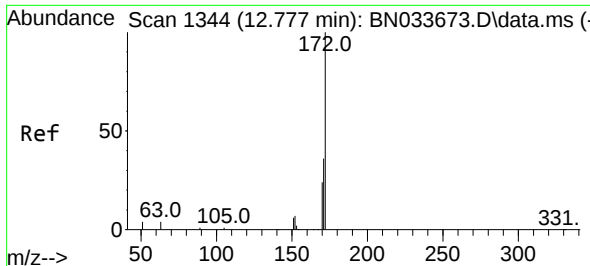
Tgt Ion:164	Resp:	7204
Ion	Ratio	Lower Upper
164	100	
162	103.1	83.4 125.2
160	48.2	40.2 60.2



#14
 2,4,6-Tribromophenol
 Concen: 0.367 ng
 RT: 15.663 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45

Tgt Ion:330	Resp:	1270
Ion	Ratio	Lower Upper
330	100	
332	93.5	78.6 118.0
141	43.4	35.0 52.6

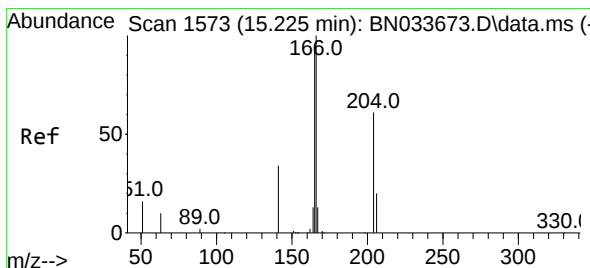
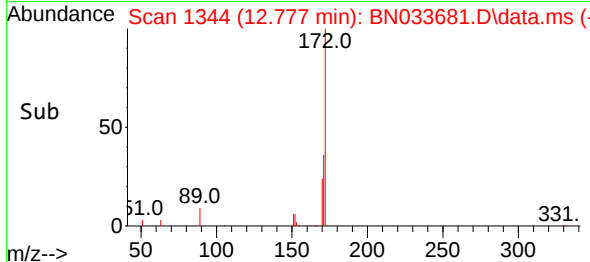
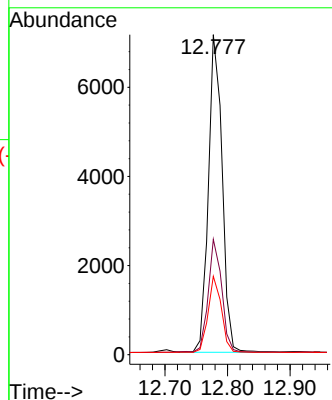
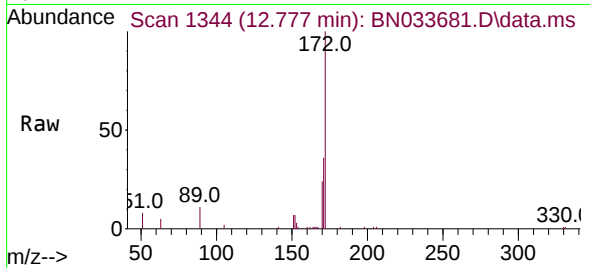




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

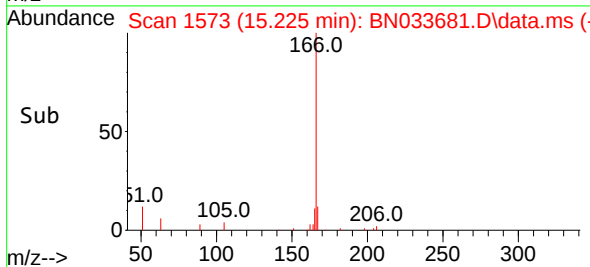
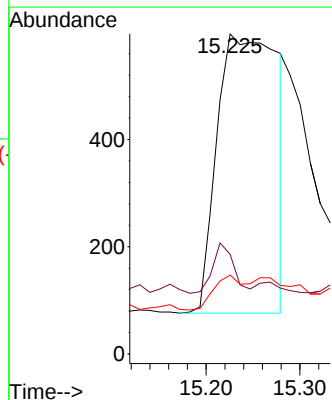
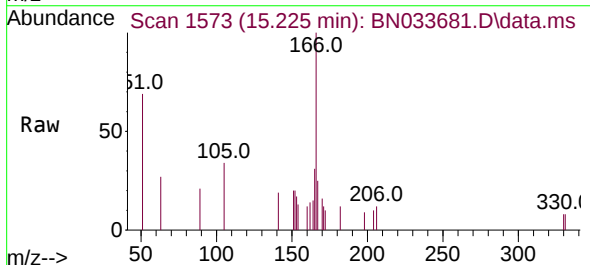
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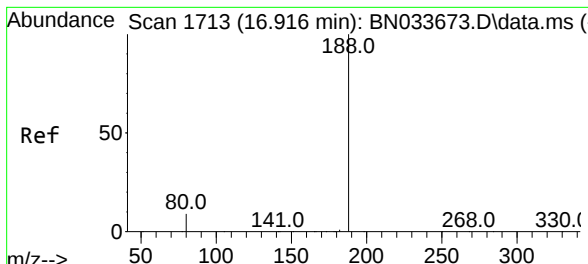
Tgt Ion:	172	Resp:	10863
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.5	19.7	29.5



#18
Fluorene
Concen: 0.086 ng
RT: 15.225 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

Tgt Ion:	166	Resp:	2312
Ion	Ratio	Lower	Upper
166	100		
165	6.3	78.6	118.0#
167	5.5	10.7	16.1#

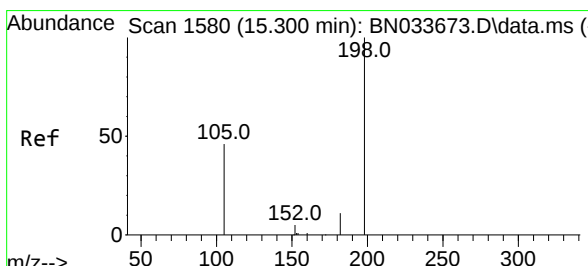
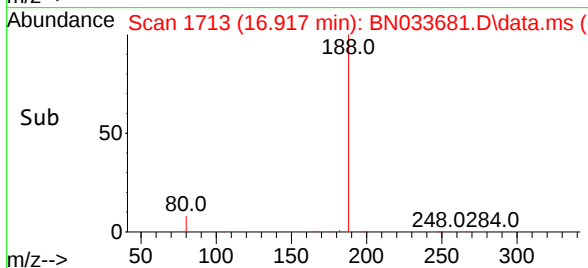
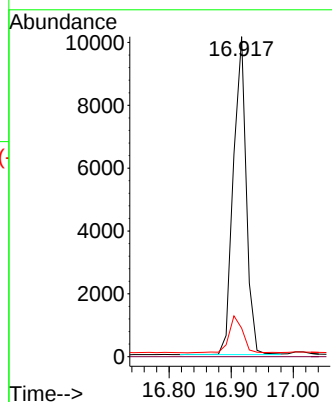
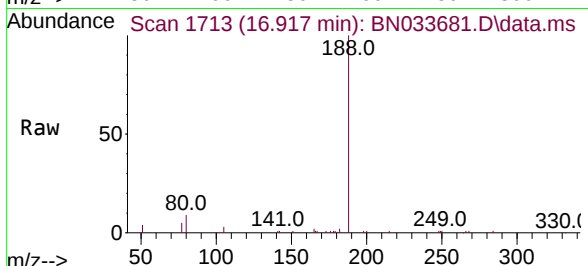




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.917 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

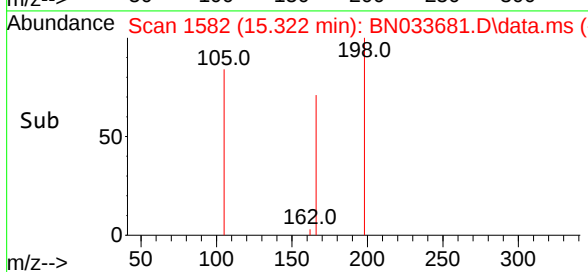
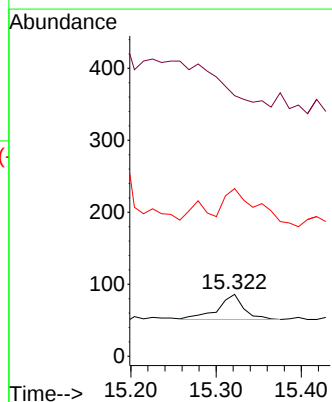
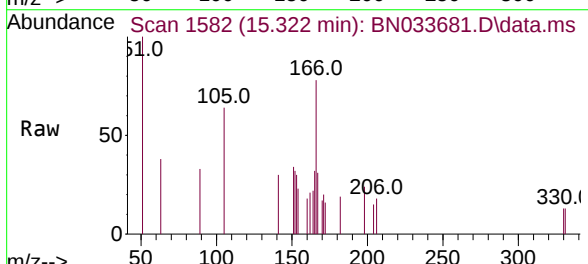
Instrument :
BNA_N
ClientSampleId :
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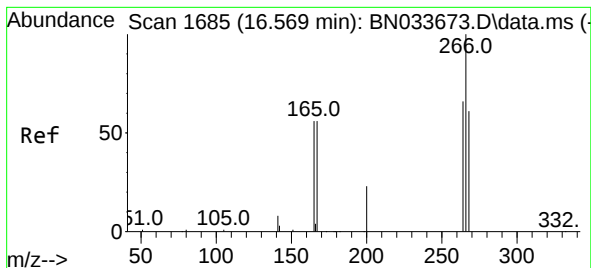
Tgt Ion:188 Resp: 14643
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.4 11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.033 ng
RT: 15.322 min Scan# 1582
Delta R.T. 0.022 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

Tgt Ion:198 Resp: 74
Ion Ratio Lower Upper
198 100
51 420.9 82.9 124.3#
105 270.9 53.4 80.0#





#24

Pentachlorophenol

Concen: 0.048 ng

RT: 16.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN033681.D

Acq: 29 Aug 2024 22:45

Instrument :

BNA_N

ClientSampleId :

MW-09-6.5-082724

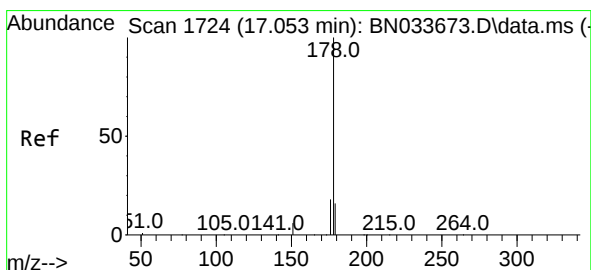
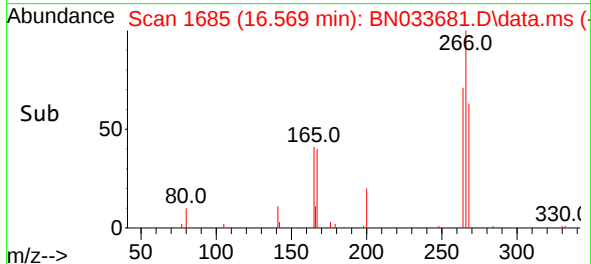
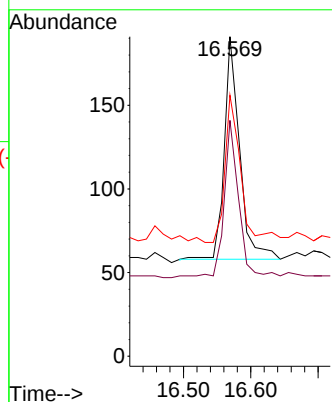
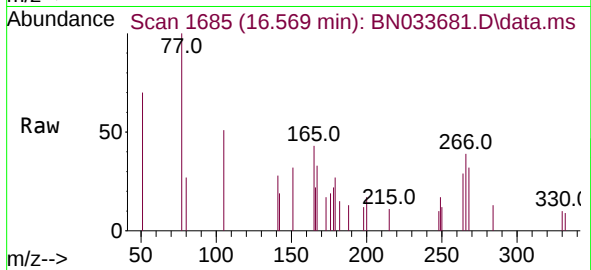
Tgt Ion:266 Resp: 209

Ion Ratio Lower Upper

266 100

264 63.2 51.4 77.2

268 67.9 51.9 77.9



#26

Anthracene

Concen: 0.021 ng

RT: 17.041 min Scan# 1723

Delta R.T. -0.012 min

Lab File: BN033681.D

Acq: 29 Aug 2024 22:45

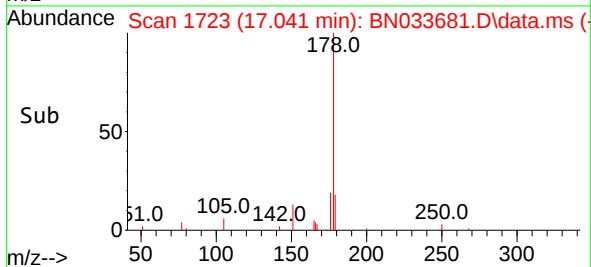
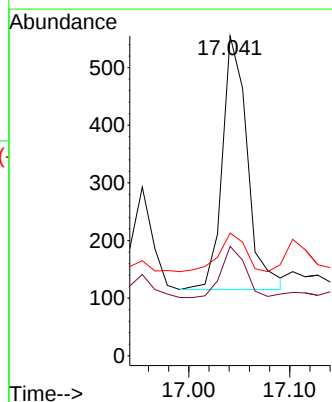
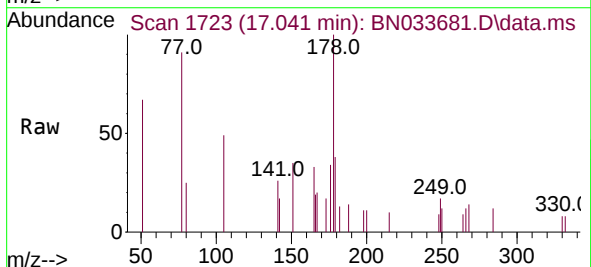
Tgt Ion:178 Resp: 757

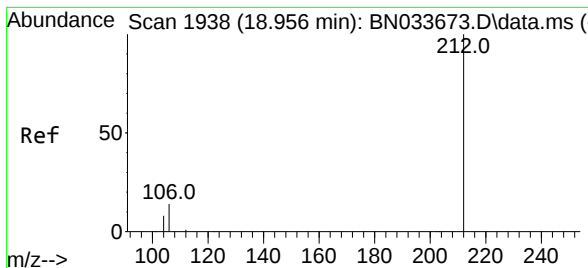
Ion Ratio Lower Upper

178 100

176 19.6 14.9 22.3

179 15.7 12.2 18.4





#27

Fluoranthene-d10

Concen: 0.438 ng

RT: 18.956 min Scan# 1938

Delta R.T. 0.000 min

Lab File: BN033681.D

Acq: 29 Aug 2024 22:45

Instrument :

BNA_N

ClientSampleId :

MW-09-6.5-082724

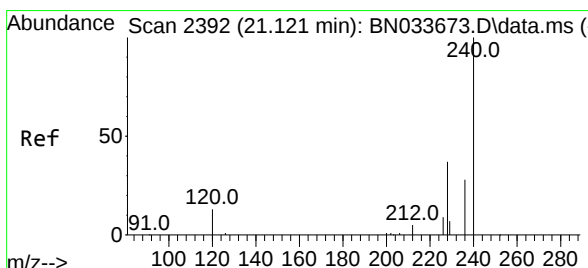
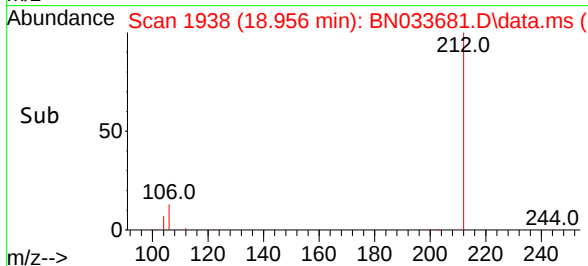
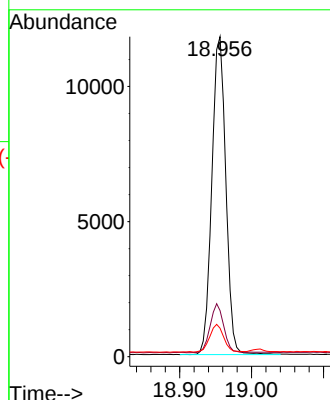
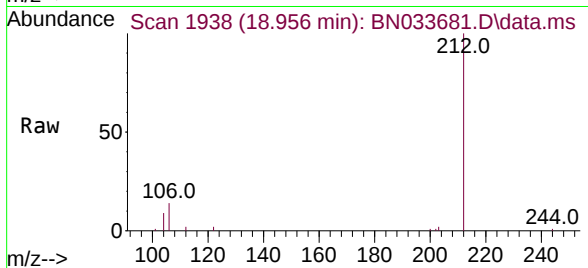
Tgt Ion:212 Resp: 15827

Ion Ratio Lower Upper

212 100

106 14.9 11.8 17.6

104 8.6 6.9 10.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.121 min Scan# 2392

Delta R.T. 0.000 min

Lab File: BN033681.D

Acq: 29 Aug 2024 22:45

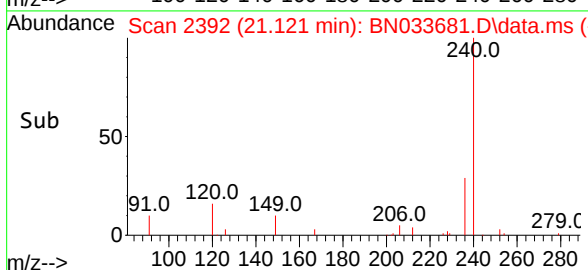
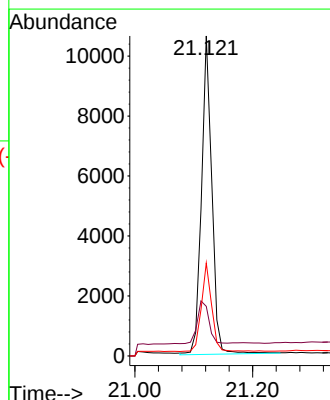
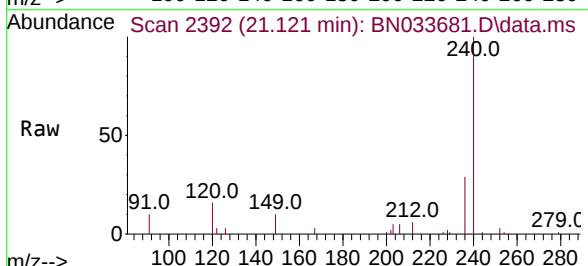
Tgt Ion:240 Resp: 12941

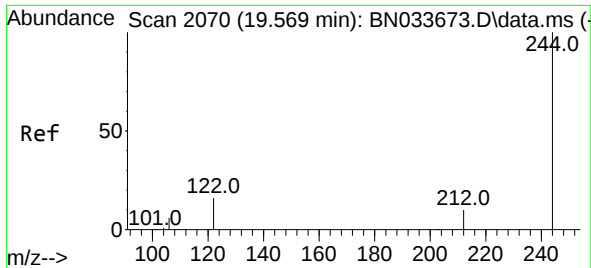
Ion Ratio Lower Upper

240 100

120 15.5 13.3 19.9

236 29.1 23.4 35.2

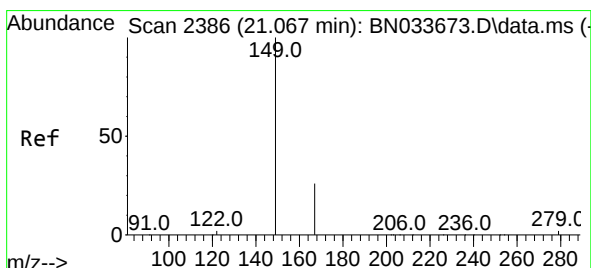
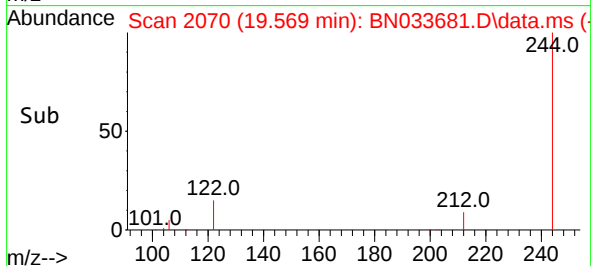
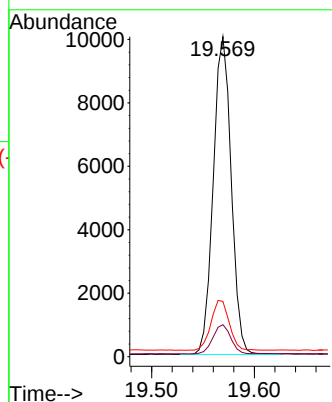
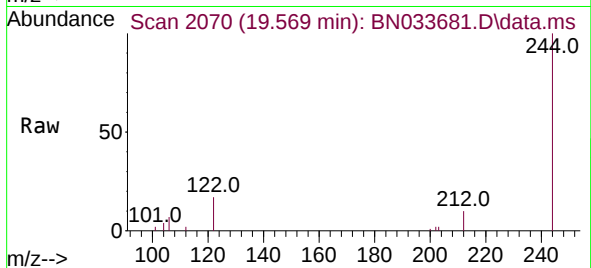




#31
 Terphenyl-d14
 Concen: 0.444 ng
 RT: 19.569 min Scan# 2070
 Delta R.T. 0.000 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45

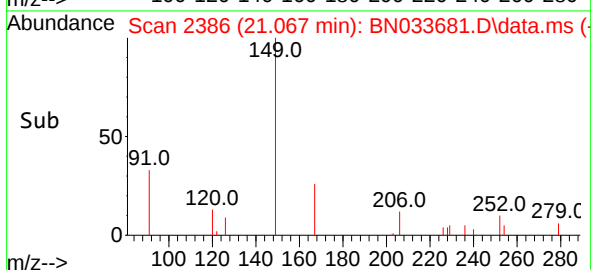
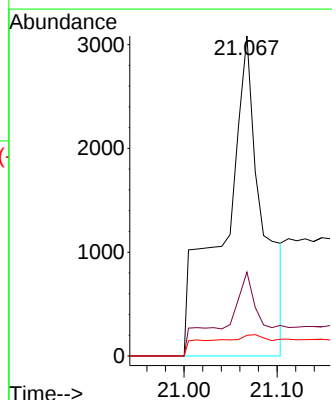
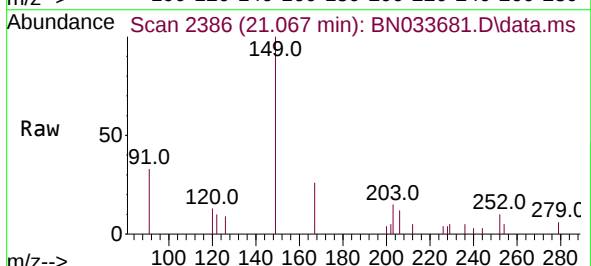
Instrument :
 BNA_N
 ClientSampleId :
 MW-09-6.5-082724

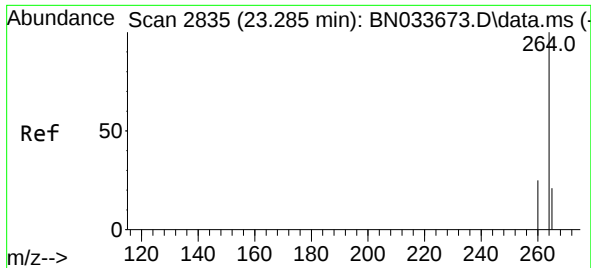
Tgt Ion:244 Resp: 12168
 Ion Ratio Lower Upper
 244 100
 212 10.0 8.2 12.4
 122 17.2 13.6 20.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.323 ng
 RT: 21.067 min Scan# 2386
 Delta R.T. 0.000 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45

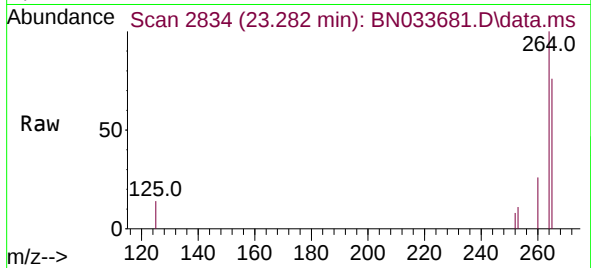
Tgt Ion:149 Resp: 8361
 Ion Ratio Lower Upper
 149 100
 167 12.1 28.3 42.5#
 279 10.6 4.2 6.2#





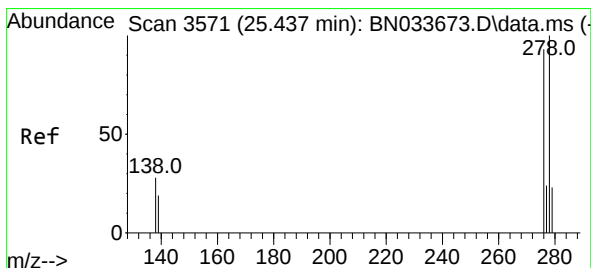
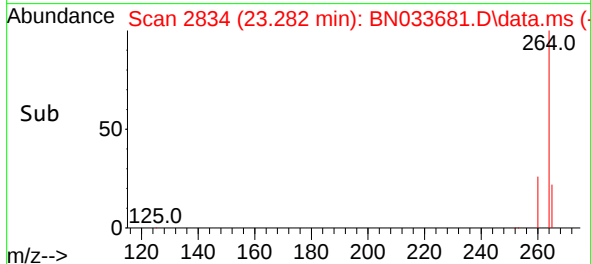
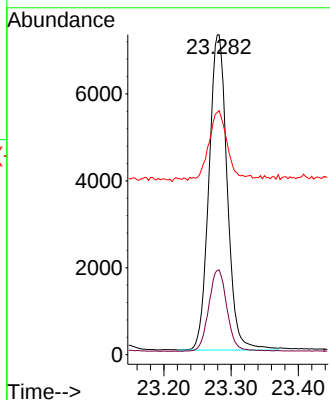
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.282 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45

Instrument :
 BNA_N
 ClientSampleId :
 MW-09-6.5-082724



Tgt Ion:264 Resp: 13728

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.7	31.1
265	76.2	69.9	104.9



#40
 Dibenzo(a,h)anthracene
 Concen: 0.044 ng
 RT: 25.434 min Scan# 3570
 Delta R.T. -0.003 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45

Tgt Ion:278 Resp: 2063

Ion	Ratio	Lower	Upper
278	100		
139	36.7	17.2	25.8#
279	52.8	22.2	33.4#

