

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
 Data File : BN033698.D
 Acq On : 30 Aug 2024 09:42
 Operator : MA/JU
 Sample : P3769-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 30 10:59:27 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)

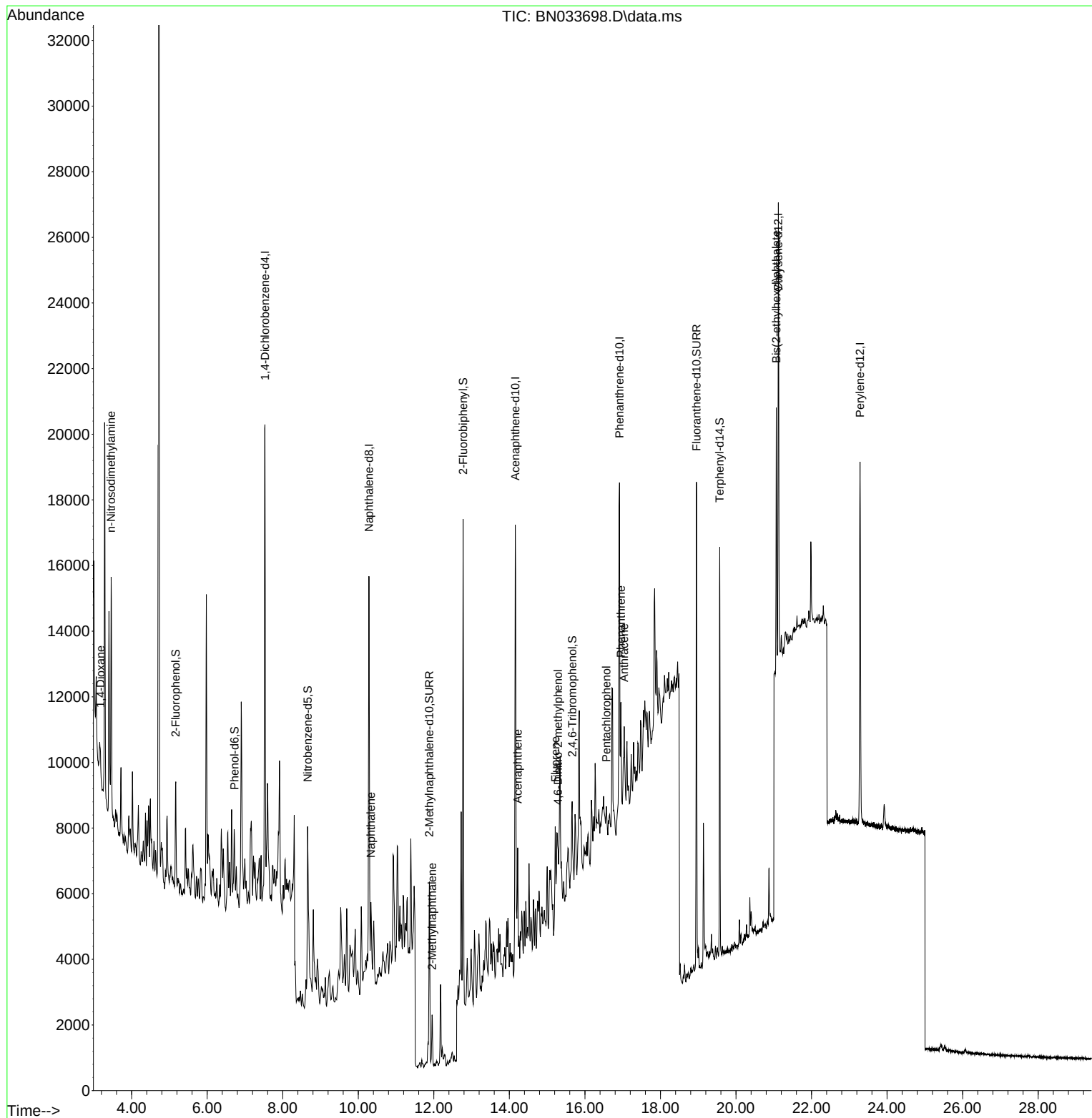
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	5593	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	14523	0.400	ng	#-0.01
13) Acenaphthene-d10	14.157	164	7492	0.400	ng	-0.01
19) Phenanthrene-d10	16.917	188	14418	0.400	ng	0.00
29) Chrysene-d12	21.121	240	13264	0.400	ng	# 0.00
35) Perylene-d12	23.285	264	13654	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	2358	0.140	ng	0.00
5) Phenol-d6	6.722	99	1844	0.093	ng	0.00
8) Nitrobenzene-d5	8.659	82	4047	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	11.881	152	7600	0.371	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	1454	0.405	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	11041	0.350	ng	0.00
27) Fluoranthene-d10	18.956	212	15922	0.448	ng	0.00
31) Terphenyl-d14	19.569	244	11937	0.425	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	296	0.046	ng	# 52
3) n-Nitrosodimethylamine	3.457	42	706	0.092	ng	# 1
9) Naphthalene	10.336	128	1569	0.040	ng	# 64
12) 2-Methylnaphthalene	11.956	142	1116	0.047	ng	# 84
17) Acenaphthene	14.221	154	1701	0.075	ng	99
18) Fluorene	15.215	166	2763	0.099	ng	# 39
20) 4,6-Dinitro-2-methylph...	15.290	198	531	0.243	ng	# 1
24) Pentachlorophenol	16.569	266	154	0.036	ng	# 80
25) Phenanthrene	16.954	178	3099	0.077	ng	# 83
26) Anthracene	17.041	178	1302	0.037	ng	# 28
34) Bis(2-ethylhexyl)phtha...	21.068	149	17789	0.671	ng	# 70

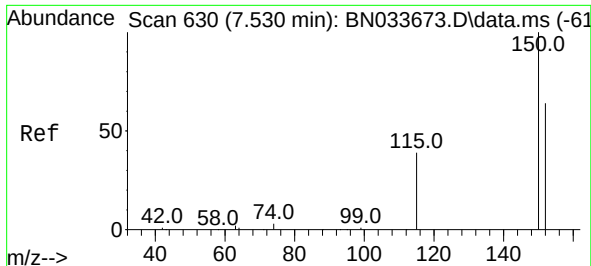
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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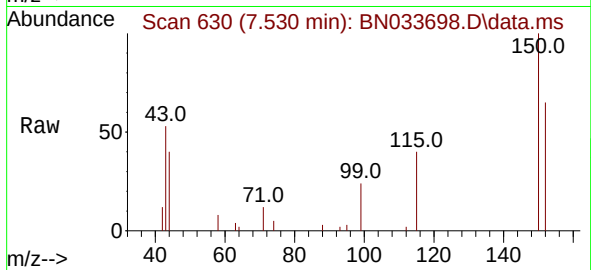
Quant Time: Aug 30 10:59:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
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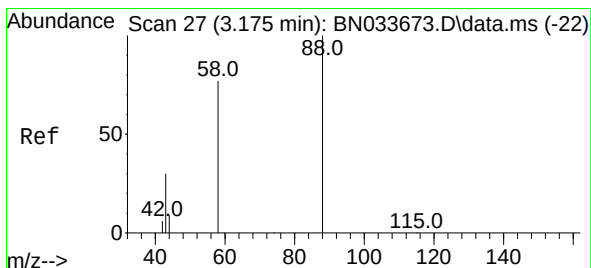
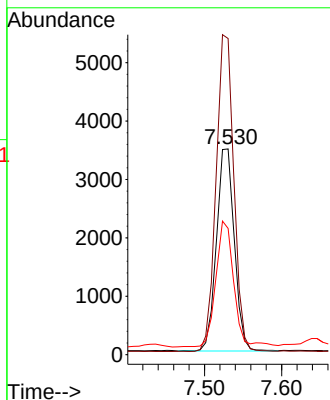
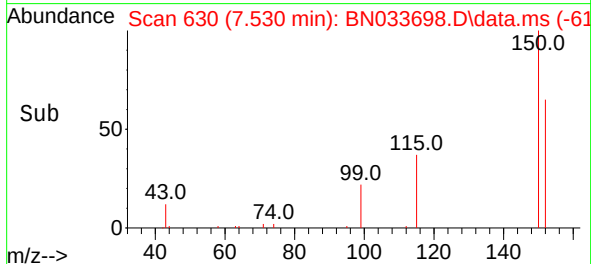


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.530 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN033698.D
 Acq: 30 Aug 2024 09:42

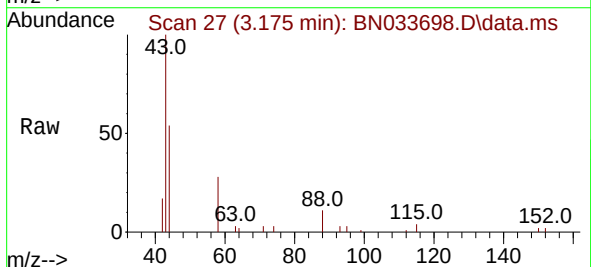
Instrument :
 BNA_N
 ClientSampleId :



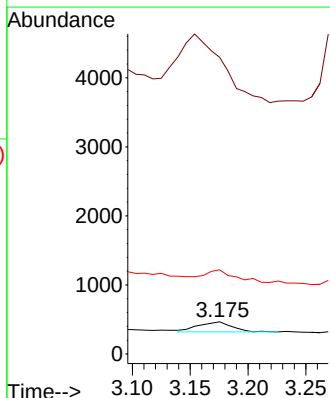
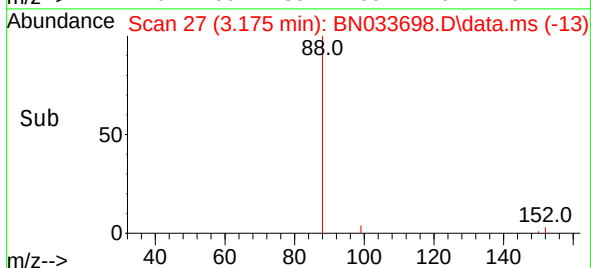
Tgt Ion:152 Resp: 5593
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.4 185.0
 115 61.3 51.3 76.9

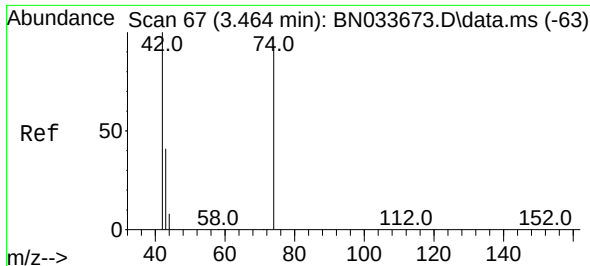


#2
 1,4-Dioxane
 Concen: 0.046 ng
 RT: 3.175 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: BN033698.D
 Acq: 30 Aug 2024 09:42



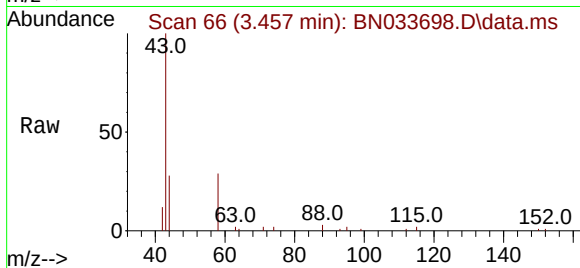
Tgt Ion: 88 Resp: 296
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.8 40.2#
 58 116.9 63.4 95.0#



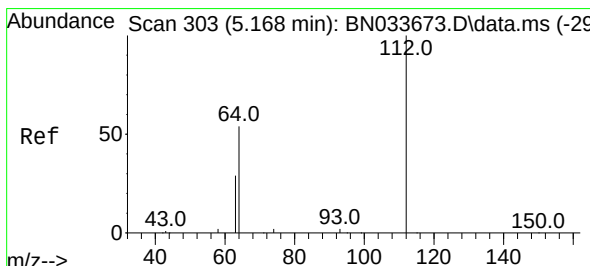
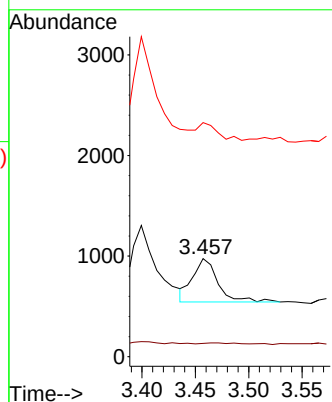
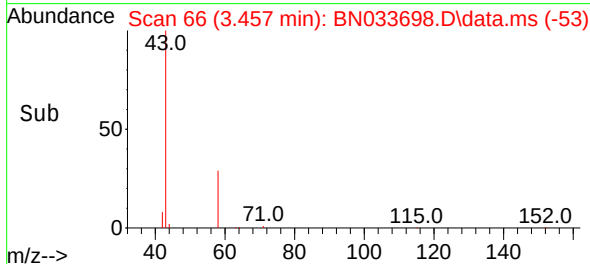


#3
n-Nitrosodimethylamine
Concen: 0.092 ng
RT: 3.457 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

Instrument :
BNA_N
ClientSampleId :

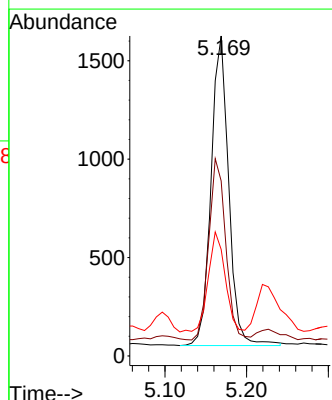
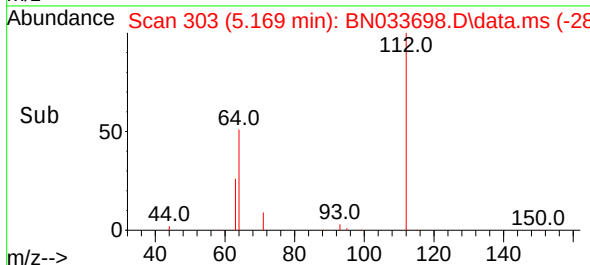
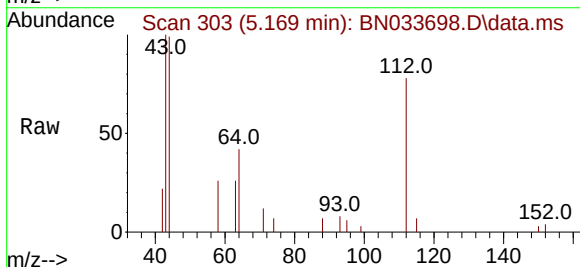


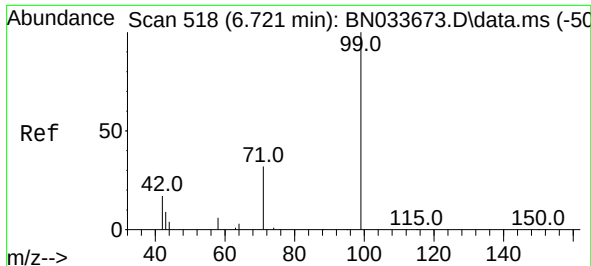
Tgt Ion: 42 Resp: 706
Ion Ratio Lower Upper
42 100
74 2.4 91.8 137.6#
44 31.0 6.2 9.4#



#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.169 min Scan# 303
Delta R.T. 0.000 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

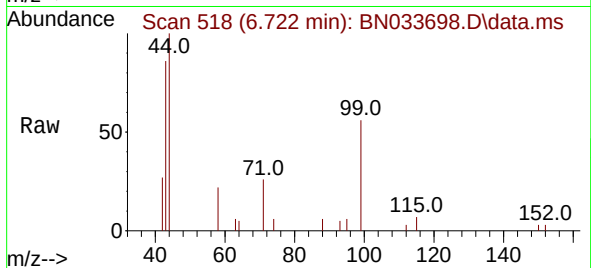
Tgt Ion: 112 Resp: 2358
Ion Ratio Lower Upper
112 100
64 56.6 48.6 72.8
63 30.3 26.6 39.8



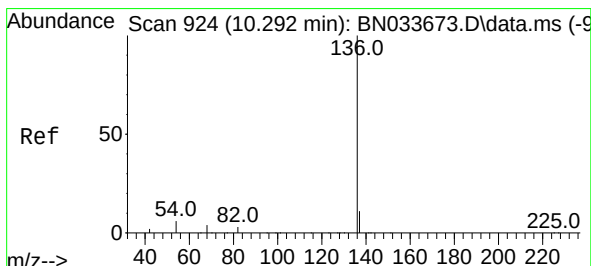
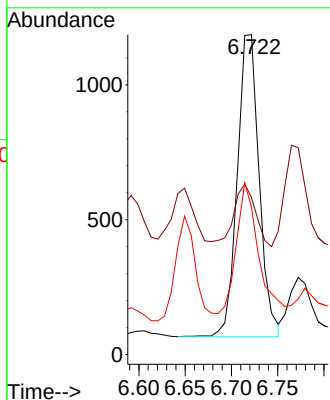
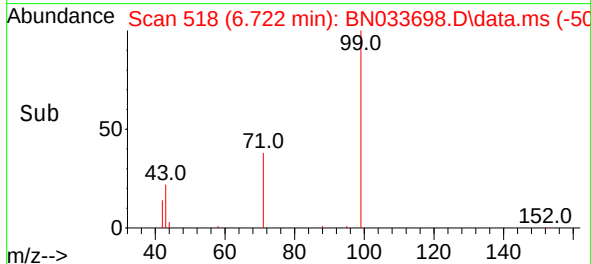


#5
Phenol-d6
Concen: 0.093 ng
RT: 6.722 min Scan# 518
Delta R.T. 0.000 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

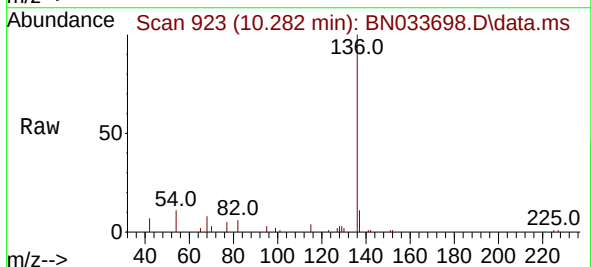
Instrument :
BNA_N
ClientSampleId :



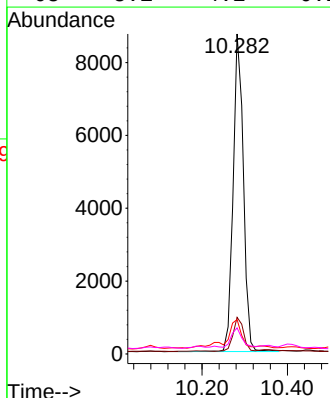
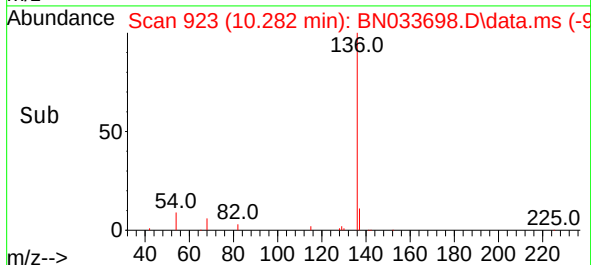
Tgt Ion: 99 Resp: 1844
Ion Ratio Lower Upper
99 100
42 20.3 17.8 26.8
71 42.5 28.0 42.0#

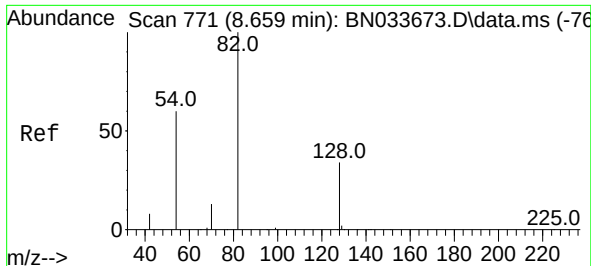


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 923
Delta R.T. -0.010 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42



Tgt Ion: 136 Resp: 14523
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.7 5.8 8.6#
68 8.1 4.2 6.2#

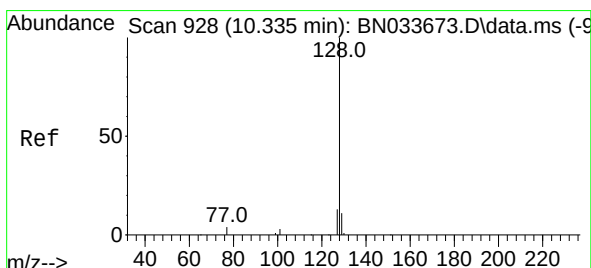
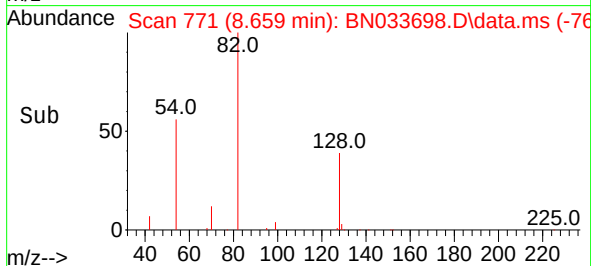
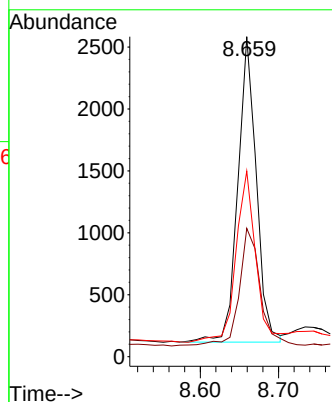
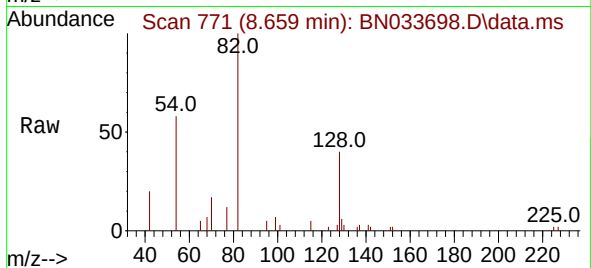




#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

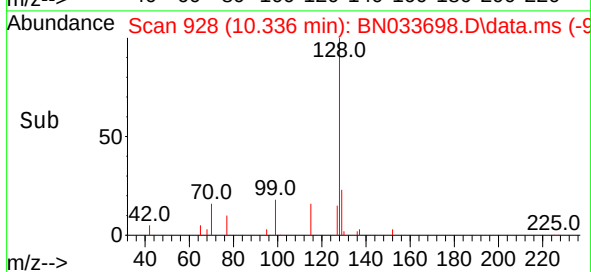
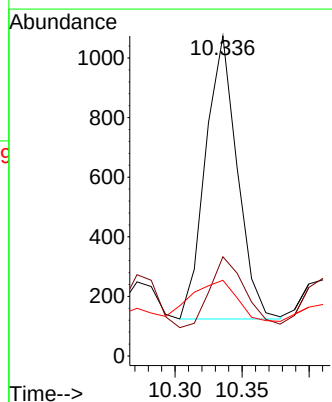
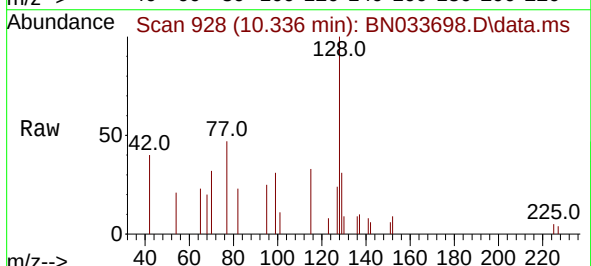
Instrument :
BNA_N
ClientSampleId :

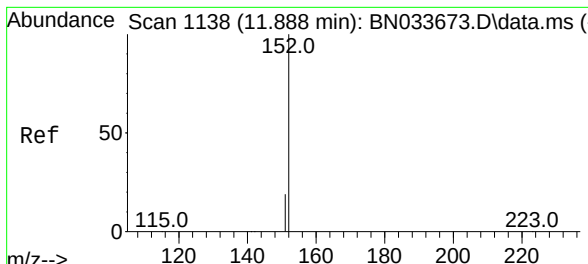
Tgt Ion: 82	Resp: 4047
Ion Ratio	Lower Upper
82	100
128	40.1 29.3 43.9
54	58.0 49.4 74.0



#9
Naphthalene
Concen: 0.040 ng
RT: 10.336 min Scan# 928
Delta R.T. 0.000 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

Tgt Ion: 128	Resp: 1569
Ion Ratio	Lower Upper
128	100
129	31.0 9.4 14.0#
127	23.6 11.0 16.4#



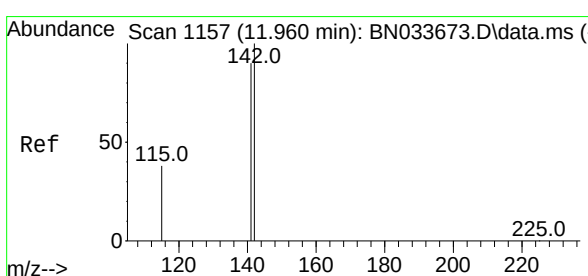
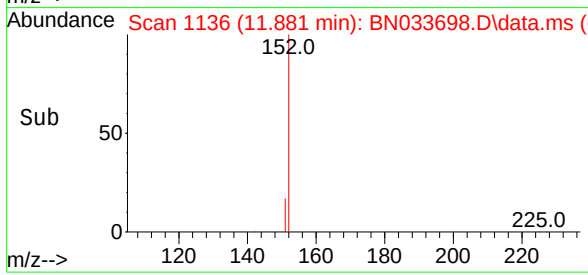
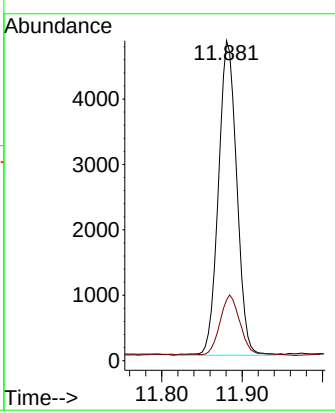
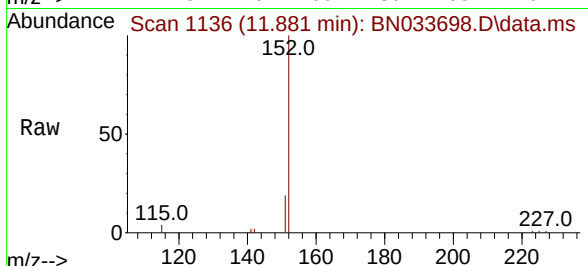


#11
 2-Methylnaphthalene-d10
 Concen: 0.371 ng
 RT: 11.881 min Scan# 1136
 Delta R.T. -0.007 min
 Lab File: BN033698.D
 Acq: 30 Aug 2024 09:42

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:152 Resp: 7600

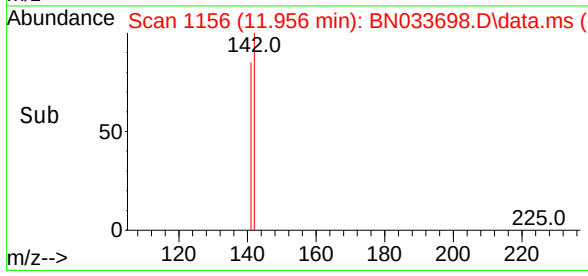
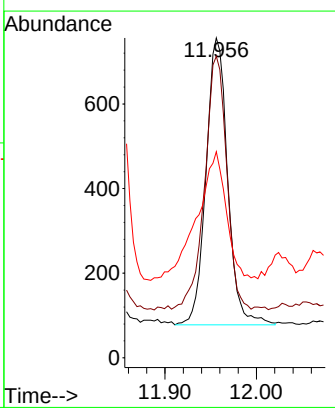
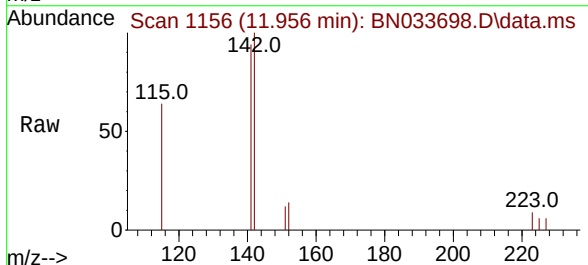
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1

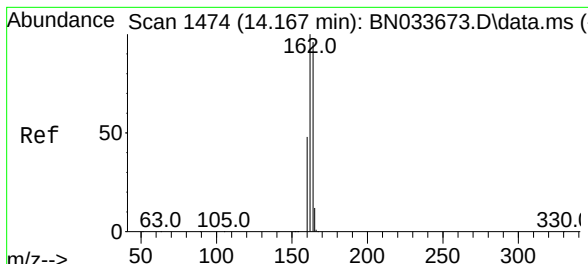


#12
 2-Methylnaphthalene
 Concen: 0.047 ng
 RT: 11.956 min Scan# 1156
 Delta R.T. -0.003 min
 Lab File: BN033698.D
 Acq: 30 Aug 2024 09:42

Tgt Ion:142 Resp: 1116

Ion	Ratio	Lower	Upper
142	100		
141	94.3	71.8	107.8
115	64.4	31.4	47.0

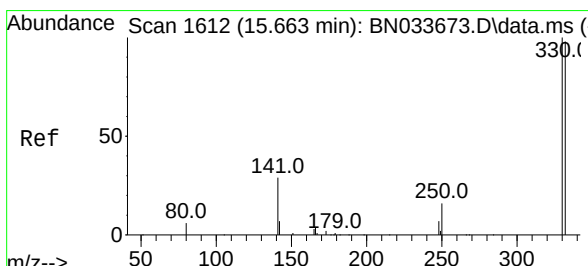
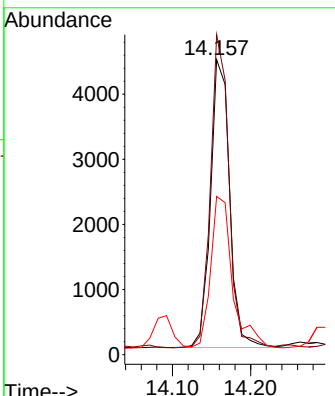
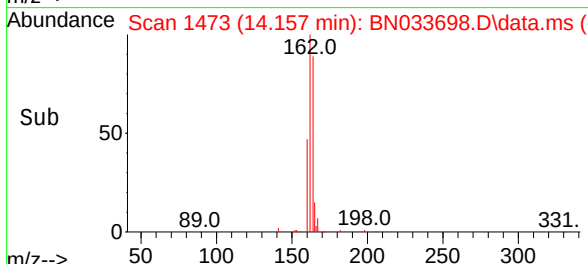
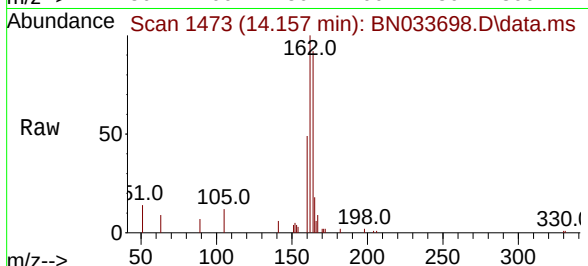




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.157 min Scan# 1473
 Delta R.T. -0.010 min
 Lab File: BN033698.D
 Acq: 30 Aug 2024 09:42

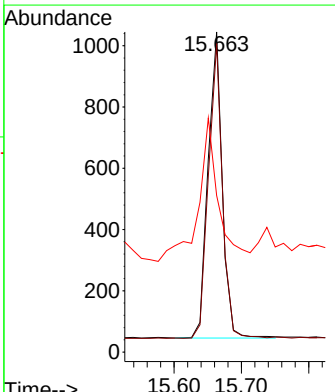
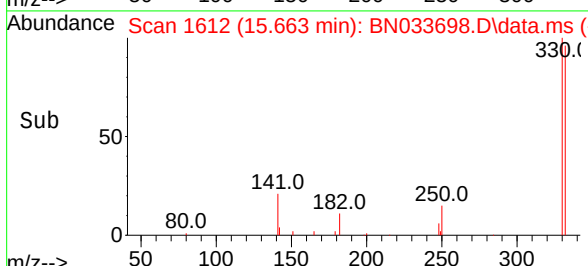
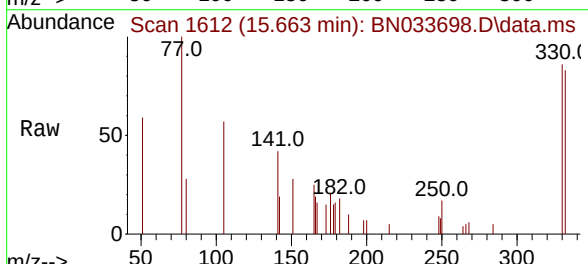
Instrument :
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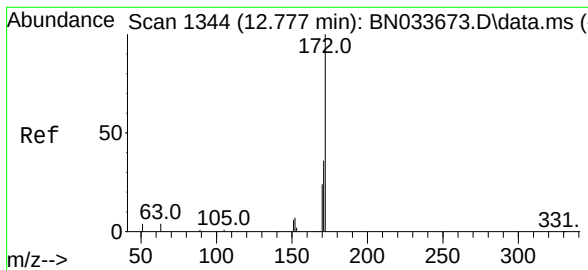
Tgt Ion:	164	Resp:	7492
Ion	Ratio	Lower	Upper
164	100		
162	108.5	83.4	125.2
160	53.7	40.2	60.2



#14
 2,4,6-Tribromophenol
 Concen: 0.405 ng
 RT: 15.663 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BN033698.D
 Acq: 30 Aug 2024 09:42

Tgt Ion:	330	Resp:	1454
Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.6	118.0
141	66.3	35.0	52.6

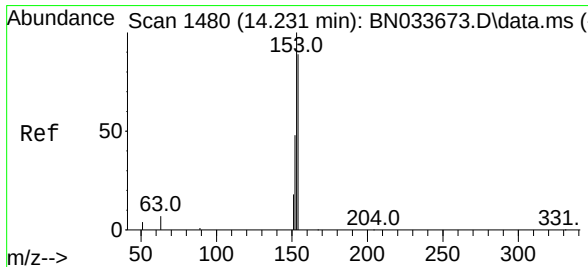
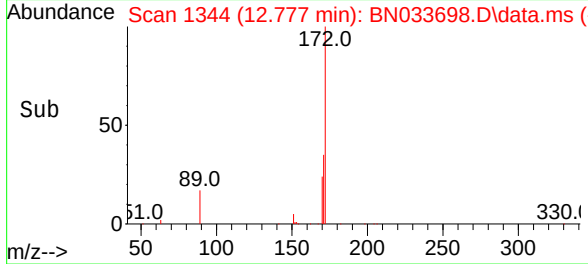
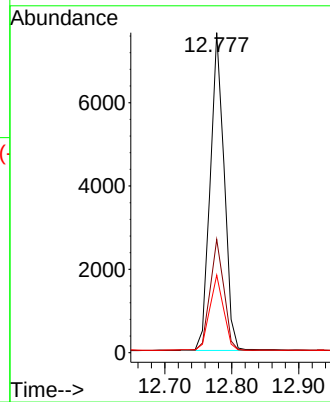
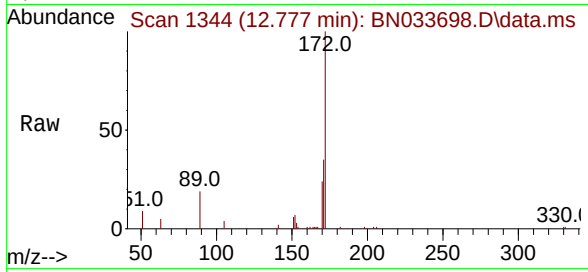




#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.777 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

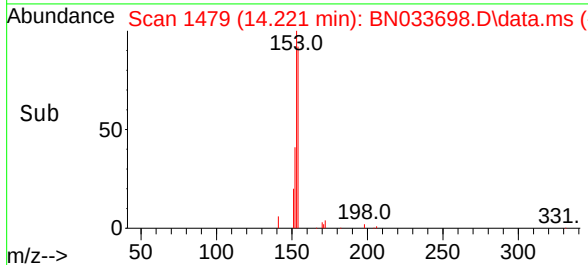
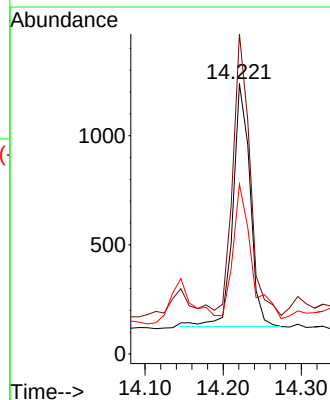
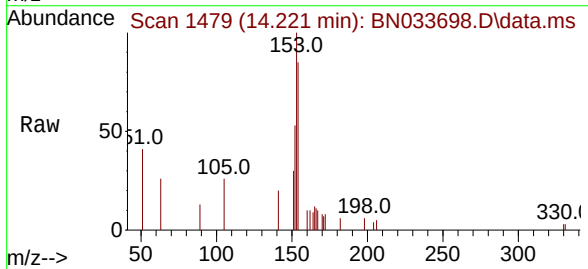
Instrument :
BNA_N
ClientSampleId :

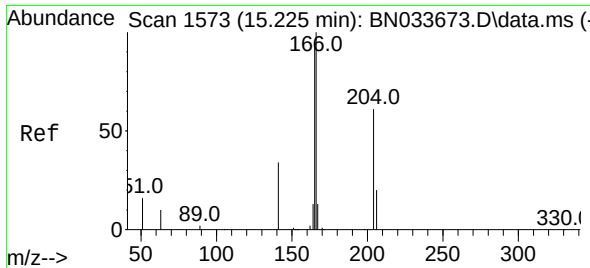
Tgt Ion:	172	Resp:	11041
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.2	43.8
170	24.2	19.7	29.5



#17
Acenaphthene
Concen: 0.075 ng
RT: 14.221 min Scan# 1479
Delta R.T. -0.010 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

Tgt Ion:	154	Resp:	1701
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.8	137.8
152	58.6	45.4	68.2

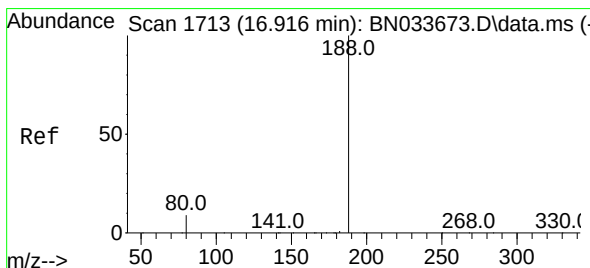
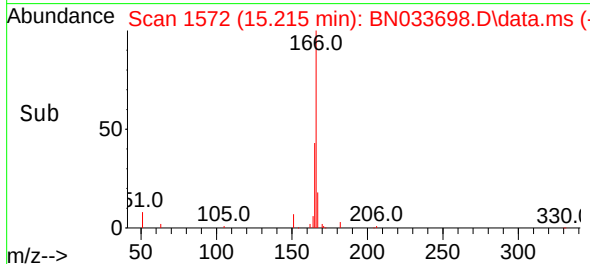
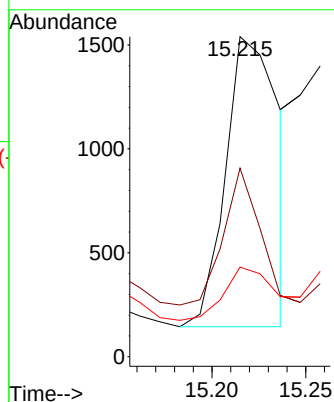
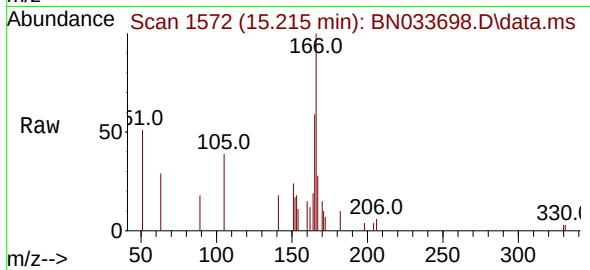




#18
Fluorene
Concen: 0.099 ng
RT: 15.215 min Scan# 1573
Delta R.T. -0.010 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

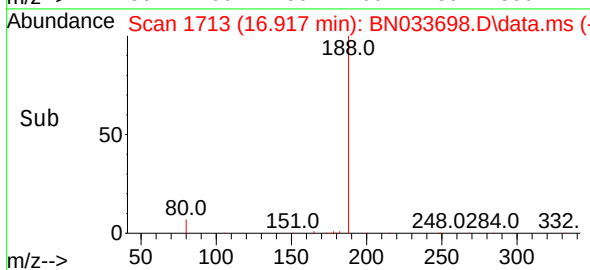
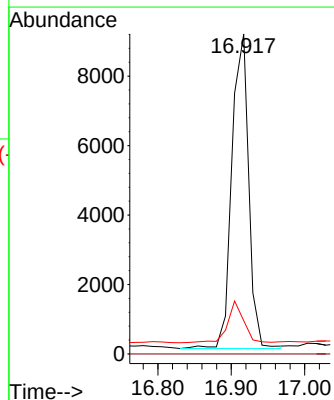
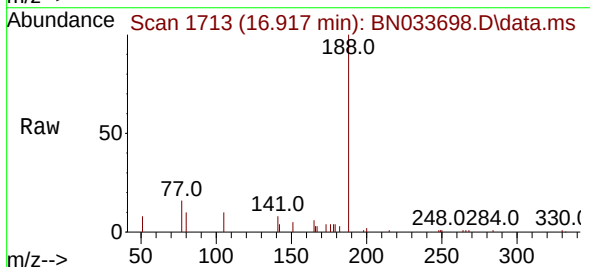
Instrument :
BNA_N
ClientSampleId :

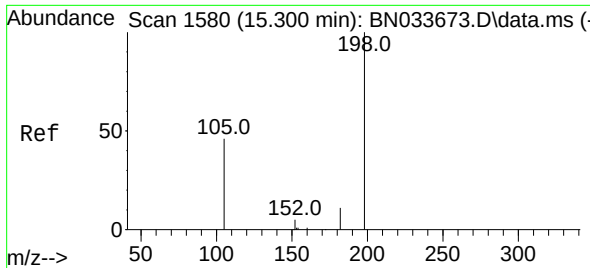
Tgt Ion:166 Resp: 2763
Ion Ratio Lower Upper
166 100
165 32.0 78.6 118.0#
167 19.1 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.917 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

Tgt Ion:188 Resp: 14418
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 7.4 11.0

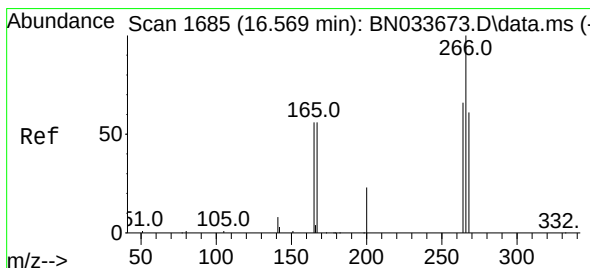
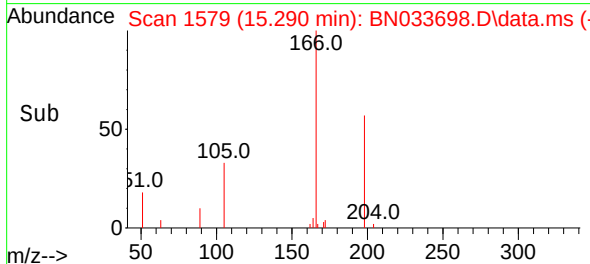
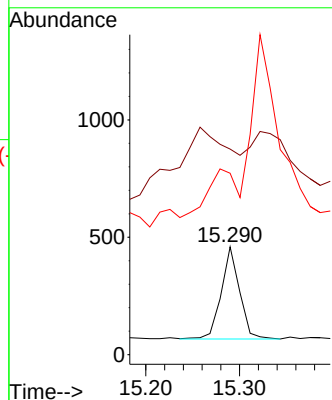
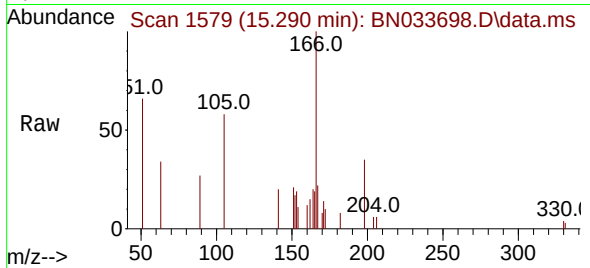




#20
4,6-Dinitro-2-methylphenol
Concen: 0.243 ng
RT: 15.290 min Scan# 1579
Delta R.T. -0.010 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

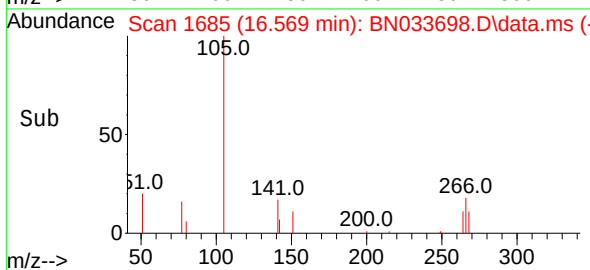
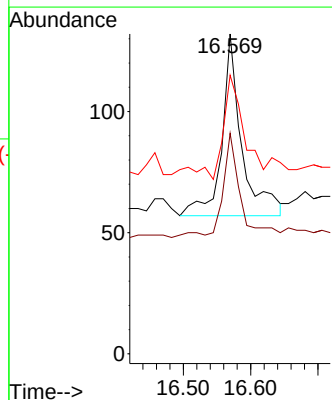
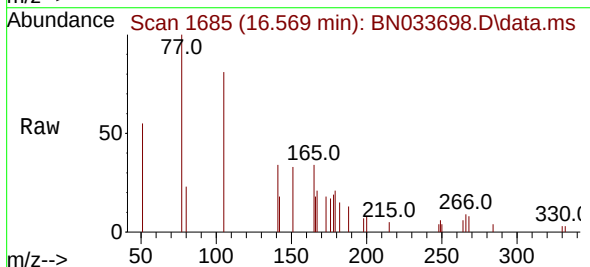
Instrument :
BNA_N
ClientSampleId :

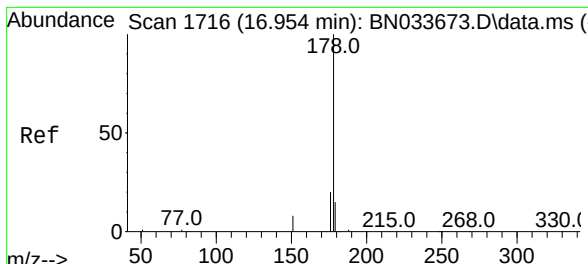
Tgt Ion:198 Resp: 531
Ion Ratio Lower Upper
198 100
51 190.8 82.9 124.3#
105 168.4 53.4 80.0#



#24
Pentachlorophenol
Concen: 0.036 ng
RT: 16.569 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

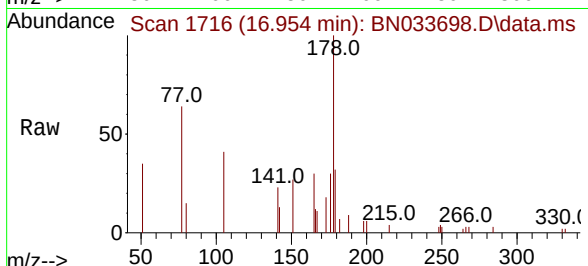
Tgt Ion:266 Resp: 154
Ion Ratio Lower Upper
266 100
264 44.8 51.4 77.2#
268 52.6 51.9 77.9



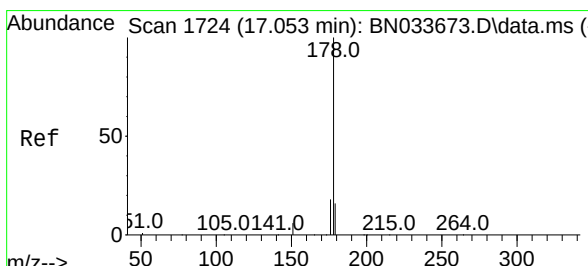
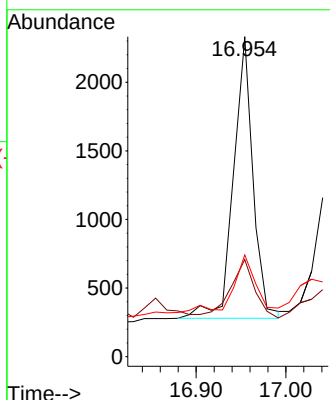
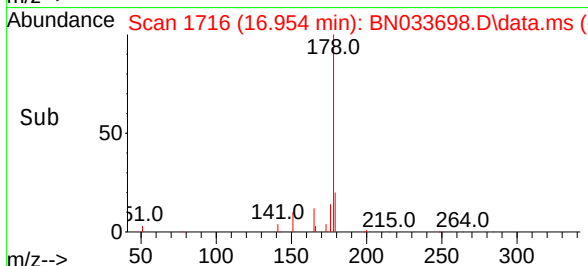


#25
Phenanthrene
Concen: 0.077 ng
RT: 16.954 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

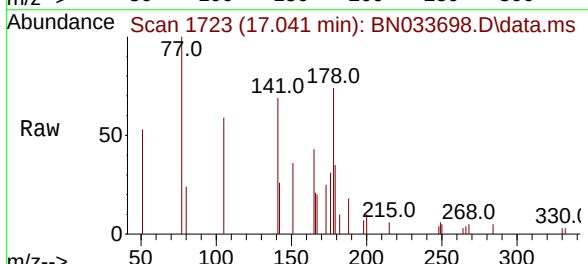
Instrument :
BNA_N
ClientSampleId :



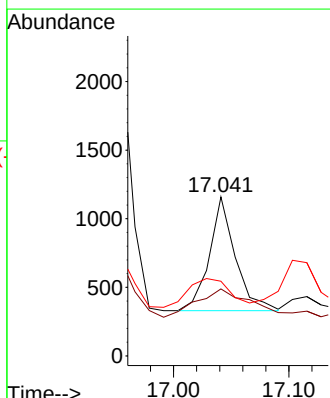
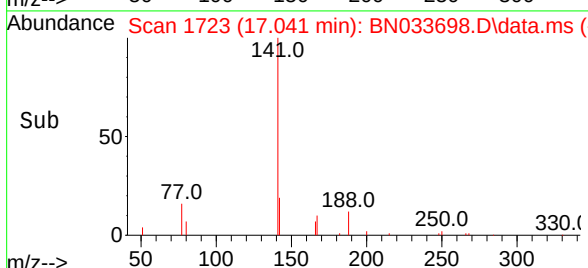
Tgt Ion:178 Resp: 3099
Ion Ratio Lower Upper
178 100
176 25.8 15.4 23.2#
179 23.6 12.2 18.2#

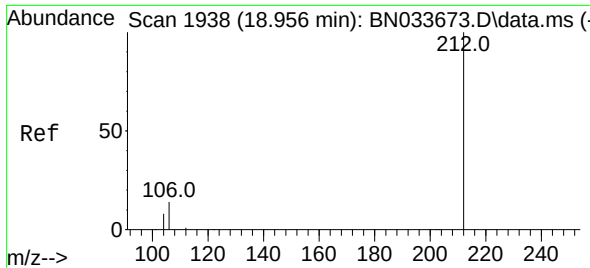


#26
Anthracene
Concen: 0.037 ng
RT: 17.041 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42



Tgt Ion:178 Resp: 1302
Ion Ratio Lower Upper
178 100
176 54.9 14.9 22.3#
179 40.6 12.2 18.4#

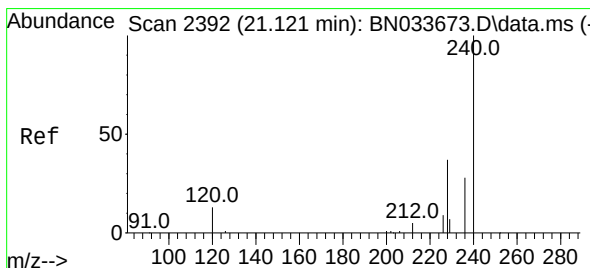
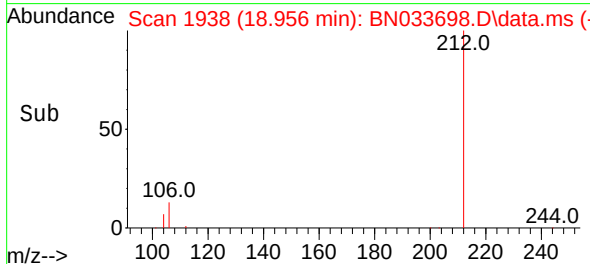
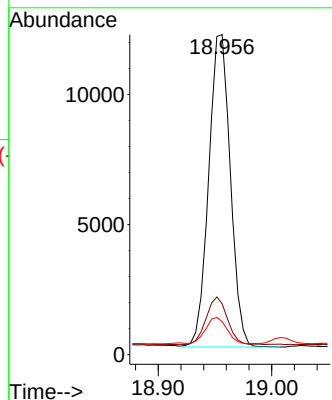
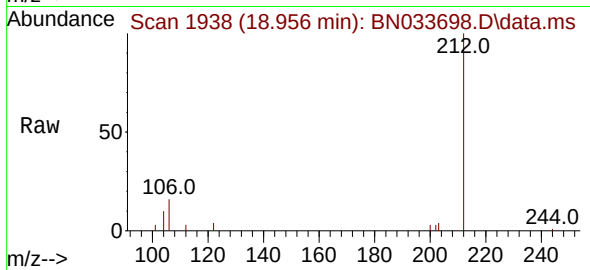




#27
Fluoranthene-d10
Concen: 0.448 ng
RT: 18.956 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

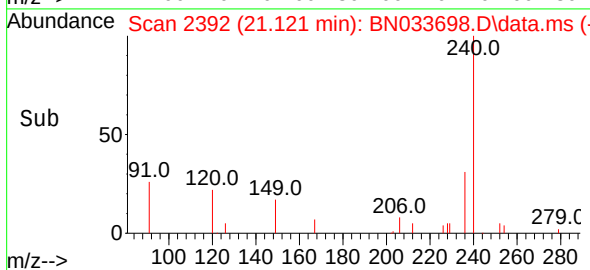
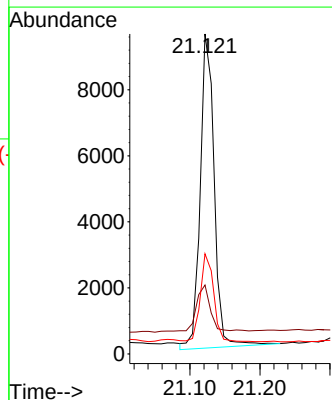
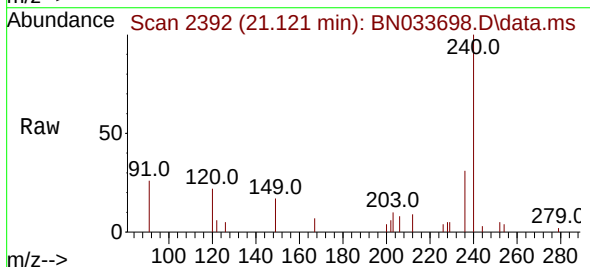
Instrument :
BNA_N
ClientSampleId :

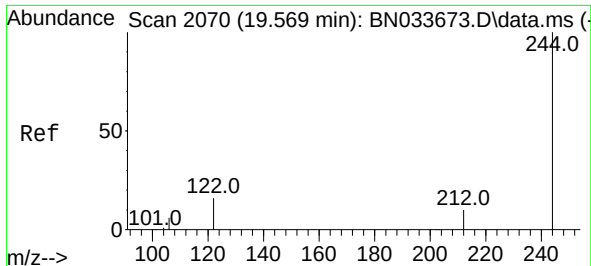
Tgt Ion:212 Resp: 15922
Ion Ratio Lower Upper
212 100
106 15.0 11.8 17.6
104 8.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.121 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

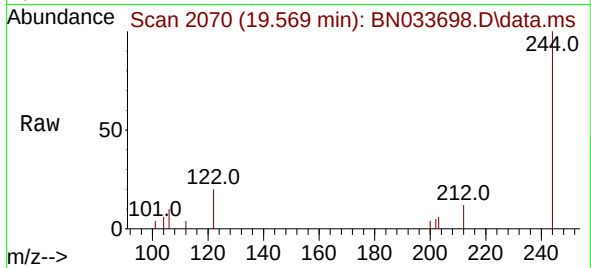
Tgt Ion:240 Resp: 13264
Ion Ratio Lower Upper
240 100
120 21.5 13.3 19.9#
236 31.3 23.4 35.2



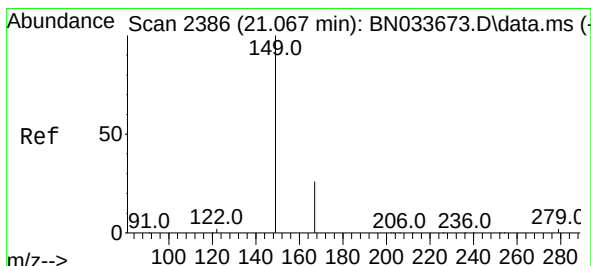
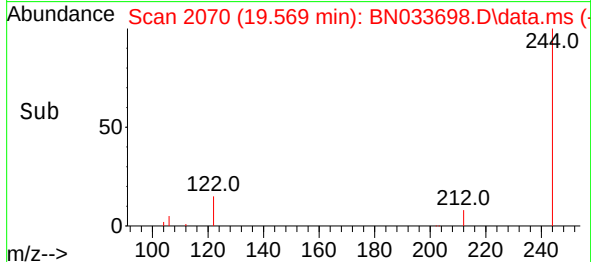
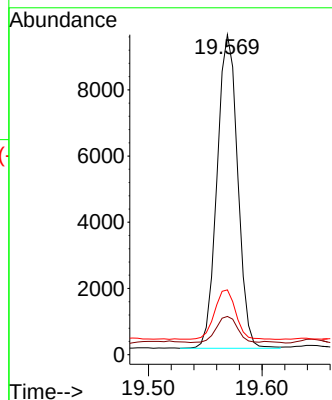


#31
 Terphenyl-d14
 Concen: 0.425 ng
 RT: 19.569 min Scan# 2070
 Delta R.T. 0.000 min
 Lab File: BN033698.D
 Acq: 30 Aug 2024 09:42

Instrument :
 BNA_N
 ClientSampleId :

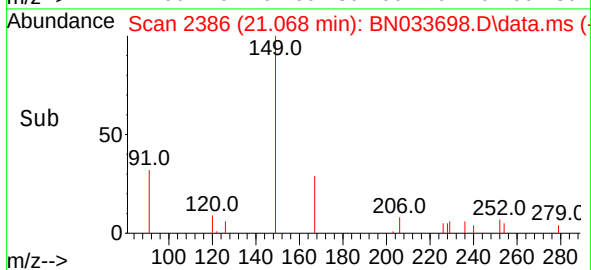
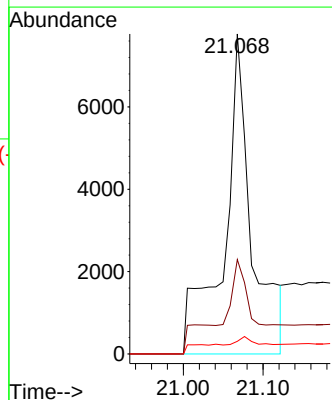
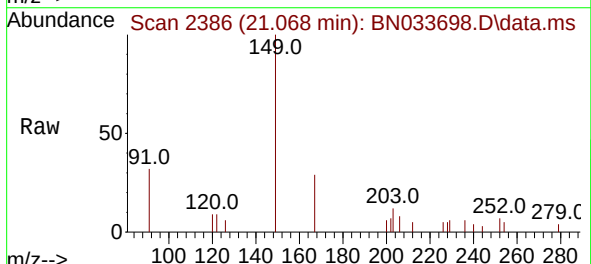


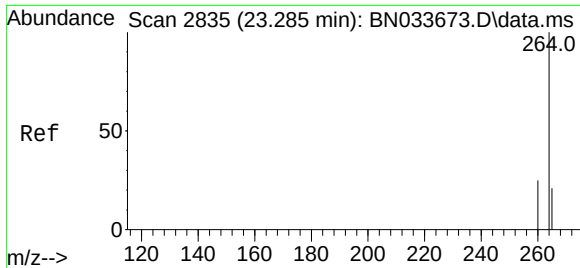
Tgt Ion:244 Resp: 11937
 Ion Ratio Lower Upper
 244 100
 212 11.9 8.2 12.4
 122 20.3 13.6 20.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.671 ng
 RT: 21.068 min Scan# 2386
 Delta R.T. 0.000 min
 Lab File: BN033698.D
 Acq: 30 Aug 2024 09:42

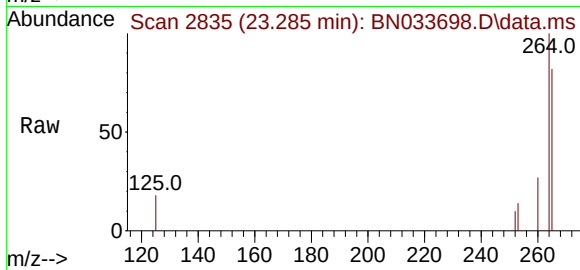
Tgt Ion:149 Resp: 17789
 Ion Ratio Lower Upper
 149 100
 167 16.7 28.3 42.5#
 279 10.0 4.2 6.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.285 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN033698.D
Acq: 30 Aug 2024 09:42

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 13654
Ion Ratio Lower Upper
264 100
260 26.8 20.7 31.1
265 81.6 69.9 104.9

