

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029985.D
 Acq On : 24 Feb 2024 09:29
 Operator : MA/JU
 Sample : P1507-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20240215

Quant Time: Feb 26 02:15:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

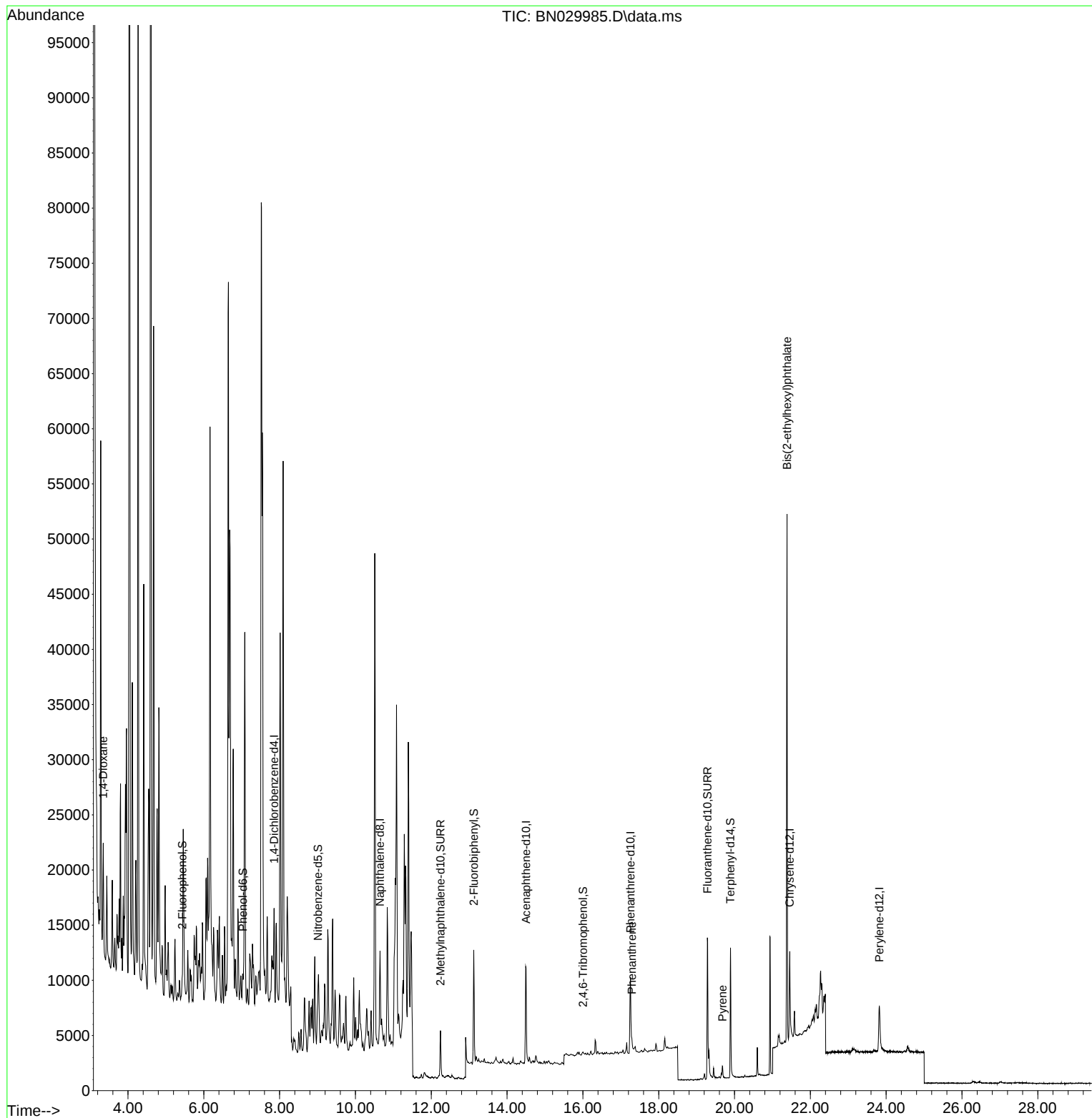
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4554	0.400	ng	-0.01
7) Naphthalene-d8	10.648	136	12159	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	6323	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	12751	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9892	0.400	ng	# 0.00
35) Perylene-d12	23.820	264	8080	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	812	0.074	ng	0.00
5) Phenol-d6	7.031	99	1847	0.146	ng	0.00
8) Nitrobenzene-d5	9.014	82	4420	0.437	ng	-0.02
11) 2-Methylnaphthalene-d10	12.242	152	6239	0.377	ng	-0.02
14) 2,4,6-Tribromophenol	16.002	330	127	0.063	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	9321	0.343	ng	-0.01
27) Fluoranthene-d10	19.285	212	16037	0.519	ng	-0.01
31) Terphenyl-d14	19.893	244	12529	0.510	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	5373	0.838	ng	# 63
25) Phenanthrene	17.293	178	835	0.022	ng	# 86
30) Pyrene	19.680	202	1022	0.022	ng	96
34) Bis(2-ethylhexyl)phtha...	21.384	149	43550	1.891	ng	99

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

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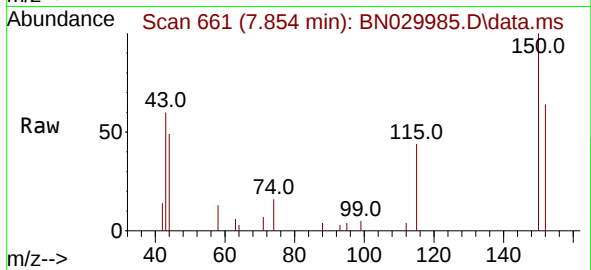
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration



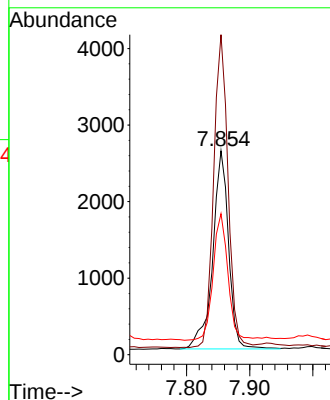
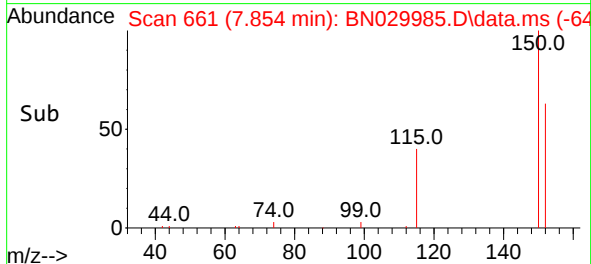


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 668
 Delta R.T. -0.015 min
 Lab File: BN029985.D
 Acq: 24 Feb 2024 09:29

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20240215

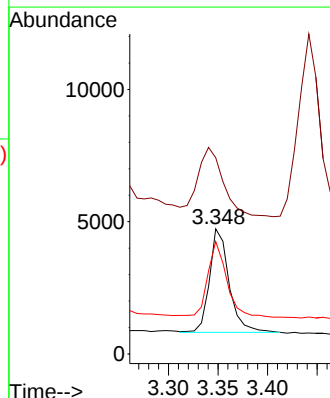
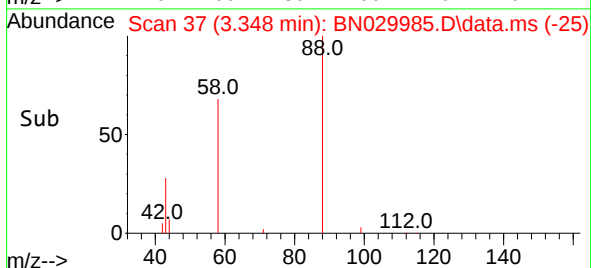
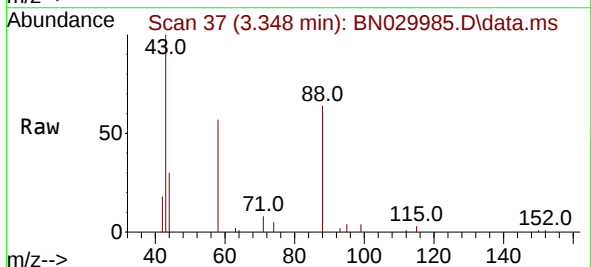


Tgt Ion:152 Resp: 4554
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.0 184.4
 115 69.1 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.838 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.014 min
 Lab File: BN029985.D
 Acq: 24 Feb 2024 09:29

Tgt Ion: 88 Resp: 5373
 Ion Ratio Lower Upper
 88 100
 43 88.0 23.3 34.9#
 58 71.1 53.8 80.6

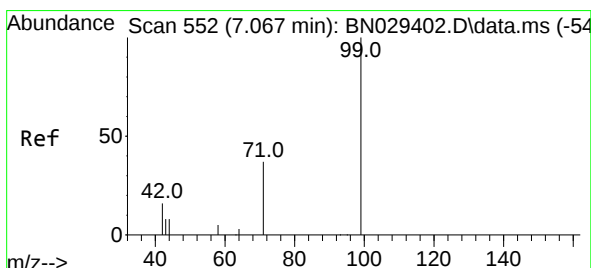
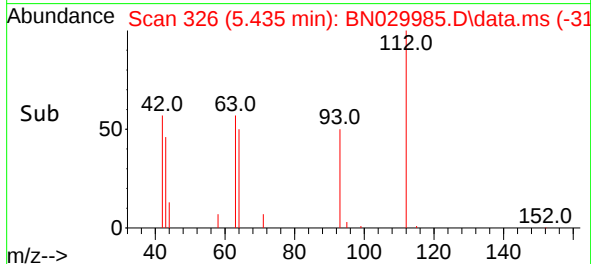
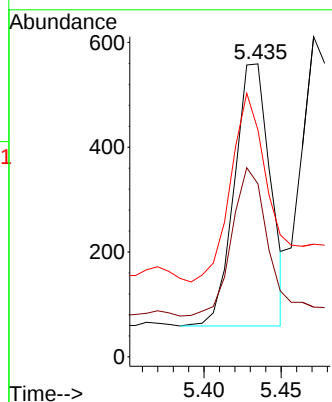
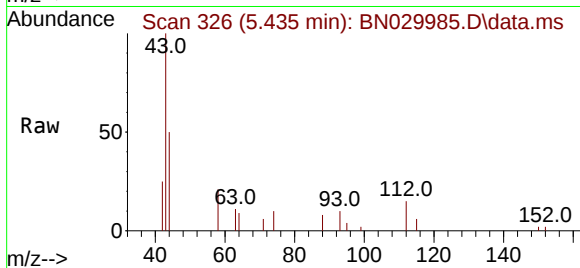




#4
2-Fluorophenol
Concen: 0.074 ng
RT: 5.435 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

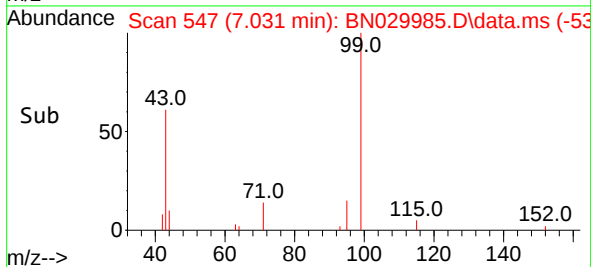
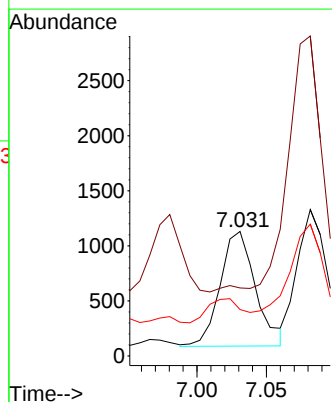
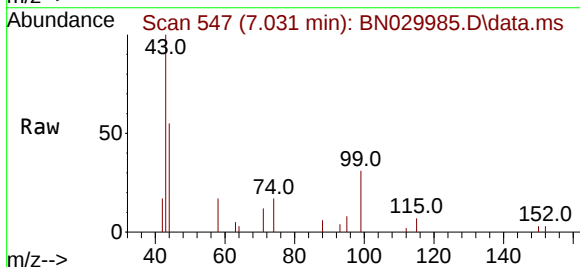
Instrument :
BNA_N
ClientSampleId :
MW179D2-20240215

Tgt Ion: 112 Resp: 812
Ion Ratio Lower Upper
112 100
64 59.6 47.2 70.8
63 95.8 25.8 38.6#



#5
Phenol-d6
Concen: 0.146 ng
RT: 7.031 min Scan# 547
Delta R.T. -0.007 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

Tgt Ion: 99 Resp: 1847
Ion Ratio Lower Upper
99 100
42 8.3 16.9 25.3#
71 27.1 30.0 45.0#

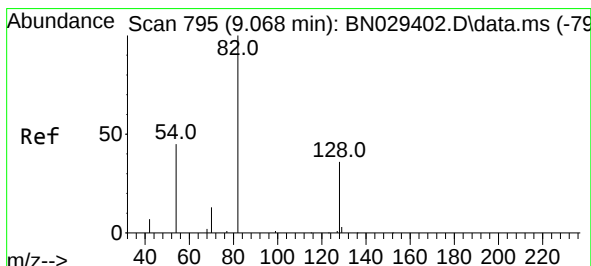
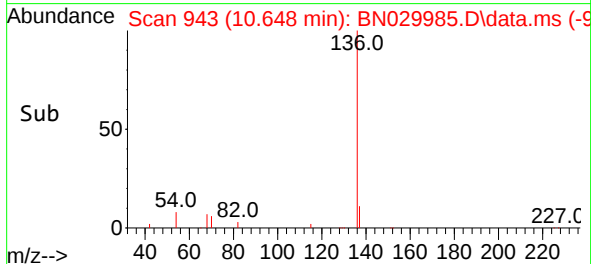
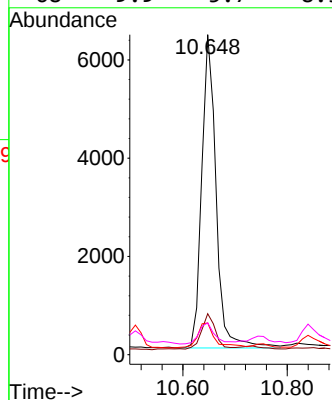
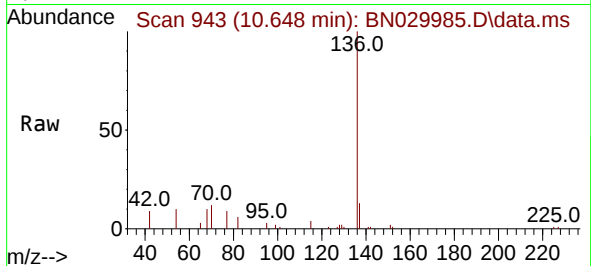




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 948
Delta R.T. -0.021 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

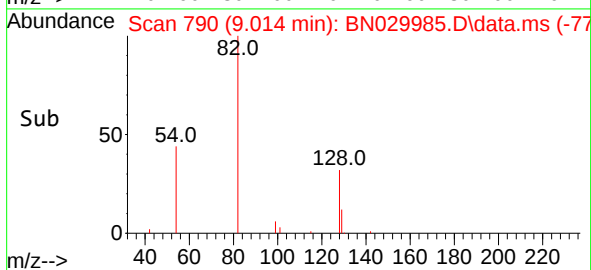
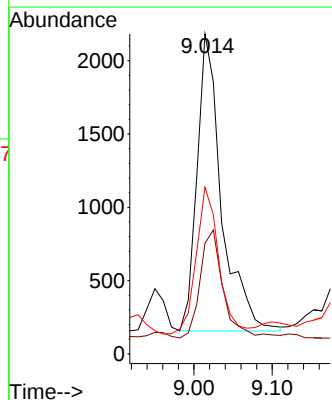
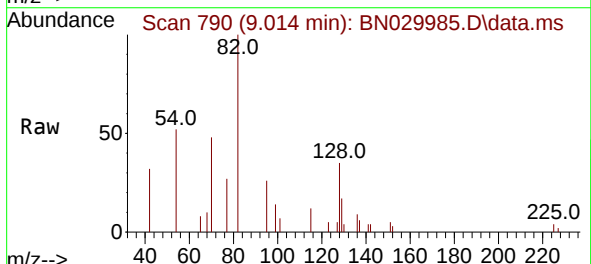
Instrument :
BNA_N
ClientSampleId :
MW179D2-20240215

Tgt Ion:136	Resp:	12159
Ion Ratio	Lower	Upper
136	100	
137	12.8	9.7 14.5
54	9.9	6.6 10.0
68	9.9	5.7 8.5



#8
Nitrobenzene-d5
Concen: 0.437 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.021 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

Tgt Ion: 82	Resp:	4420
Ion Ratio	Lower	Upper
82	100	
128	34.6	31.6 47.4
54	52.1	38.2 57.4

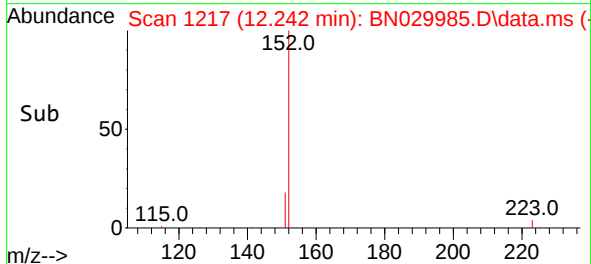
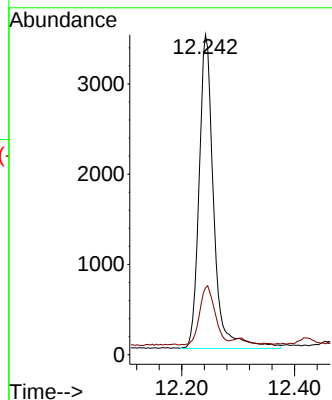
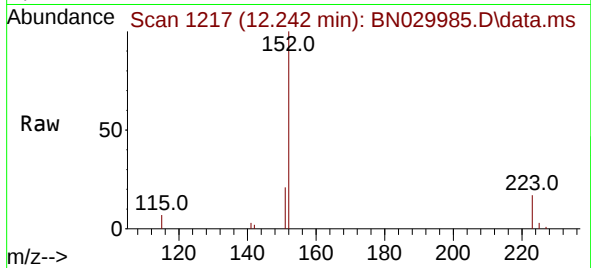




#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.242 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

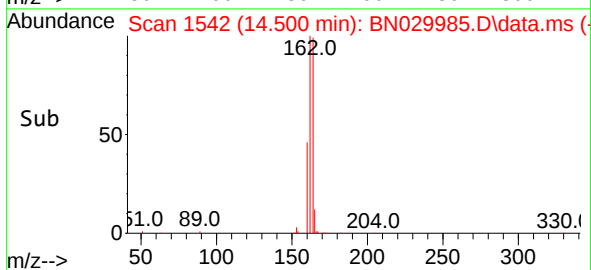
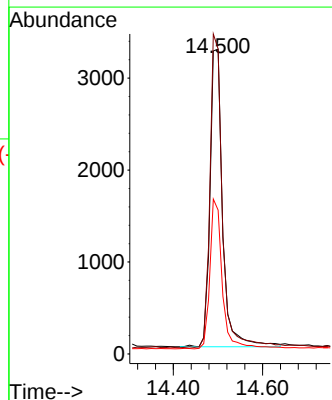
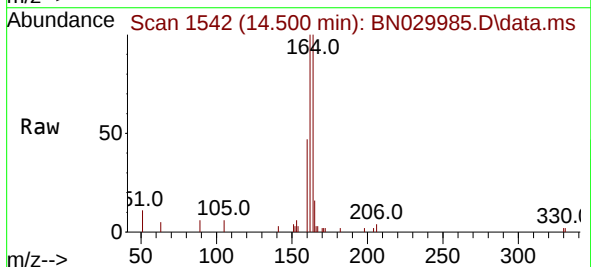
Instrument :
BNA_N
ClientSampleId :
MW179D2-20240215

Tgt Ion:152 Resp: 6239
Ion Ratio Lower Upper
152 100
151 19.9 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

Tgt Ion:164 Resp: 6323
Ion Ratio Lower Upper
164 100
162 100.0 82.6 123.8
160 47.2 41.5 62.3

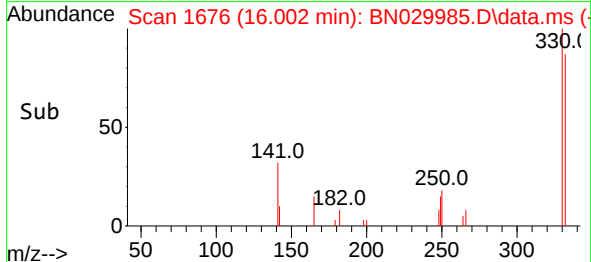
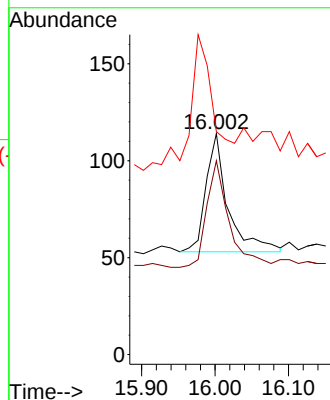
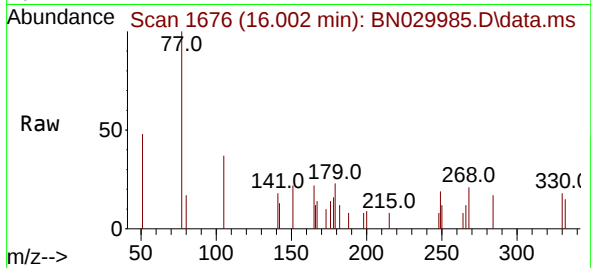




#14
2,4,6-Tribromophenol
Concen: 0.063 ng
RT: 16.002 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

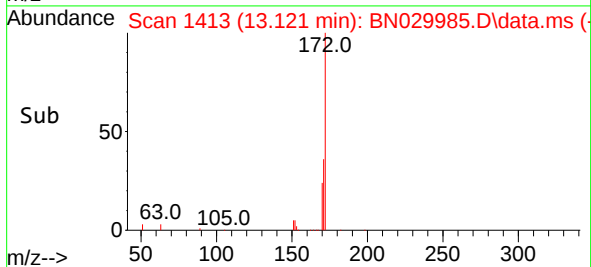
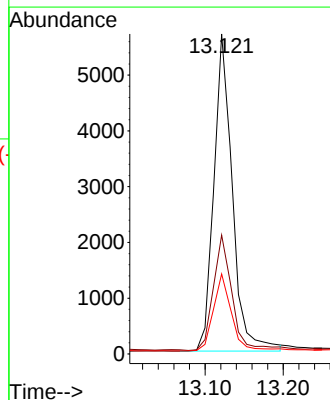
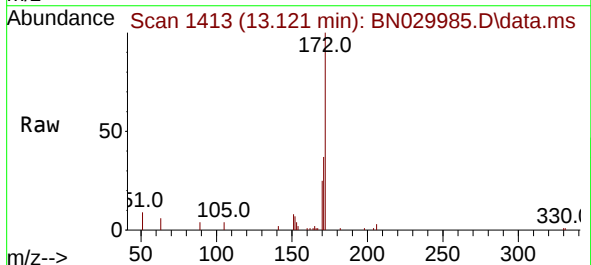
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MW179D2-20240215

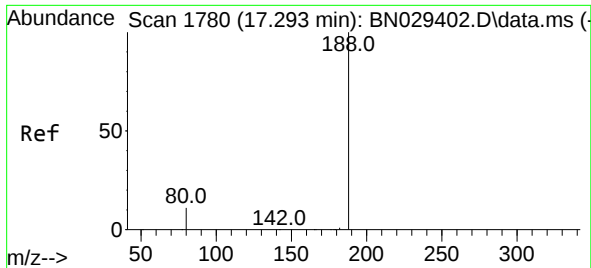
Tgt Ion:330 Resp: 127
Ion Ratio Lower Upper
330 100
332 91.3 76.0 114.0
141 0.0 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.121 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

Tgt Ion:172 Resp: 9321
Ion Ratio Lower Upper
172 100
171 37.2 28.0 42.0
170 25.0 18.7 28.1

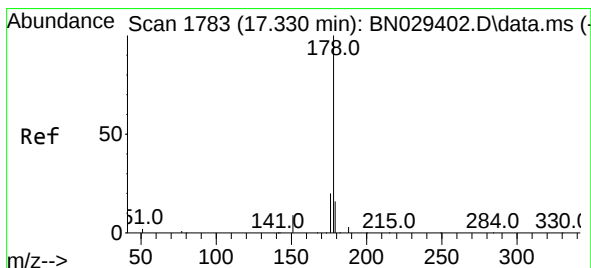
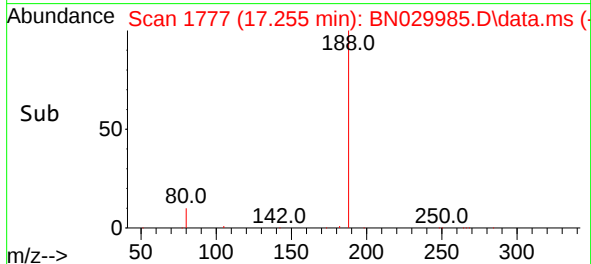
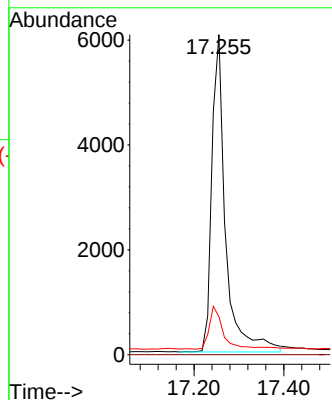
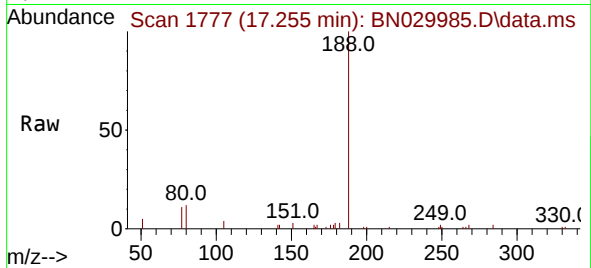




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

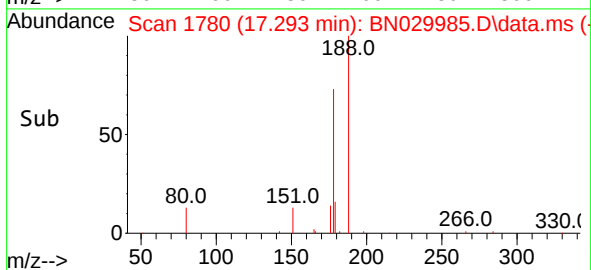
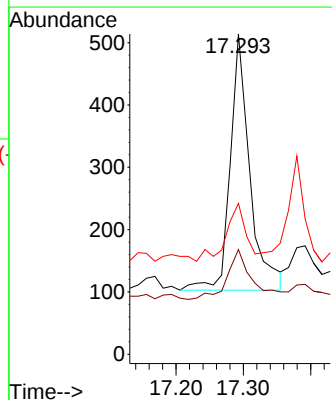
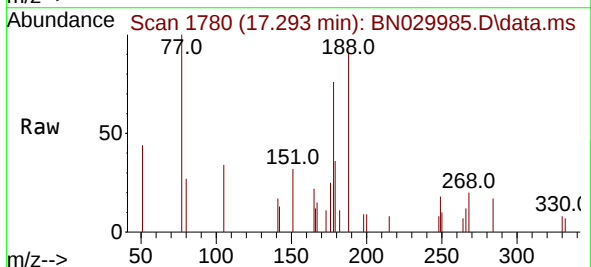
Instrument :
BNA_N
ClientSampleId :
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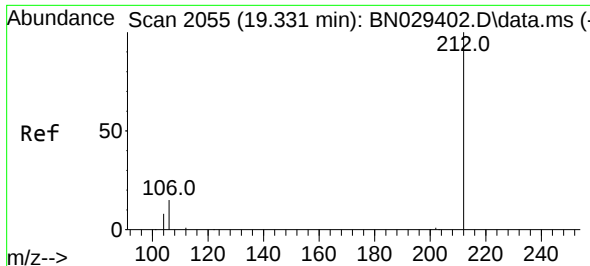
Tgt Ion:188 Resp: 12751
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 10.0 15.0



#25
Phenanthrene
Concen: 0.022 ng
RT: 17.293 min Scan# 1780
Delta R.T. -0.012 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

Tgt Ion:178 Resp: 835
Ion Ratio Lower Upper
178 100
176 24.3 15.8 23.6#
179 24.0 12.6 19.0#

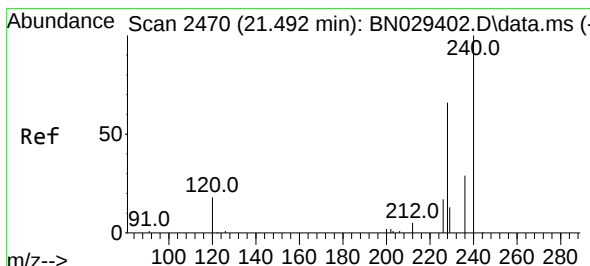
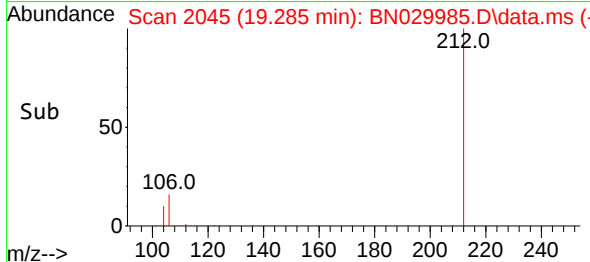
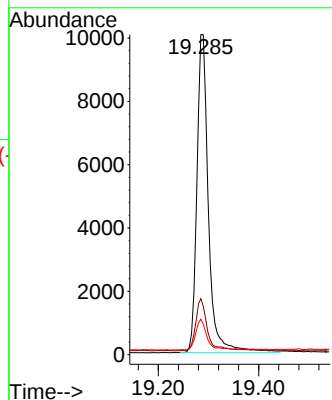
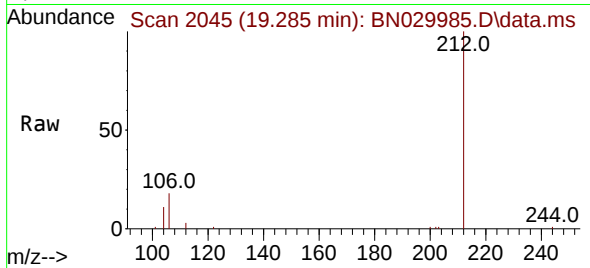




#27
Fluoranthene-d10
Concen: 0.519 ng
RT: 19.285 min Scan# 2055
Delta R.T. -0.014 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

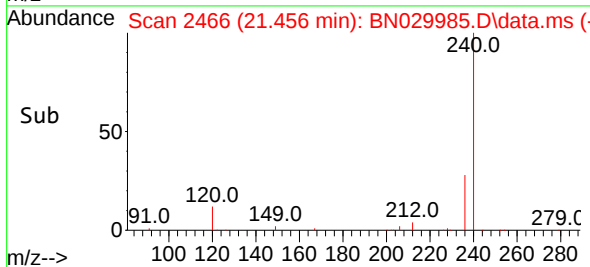
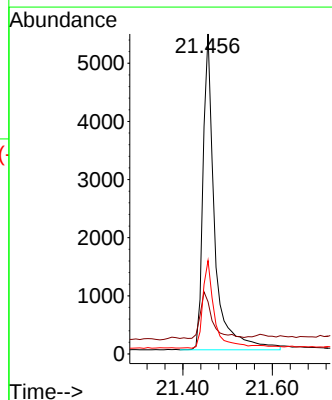
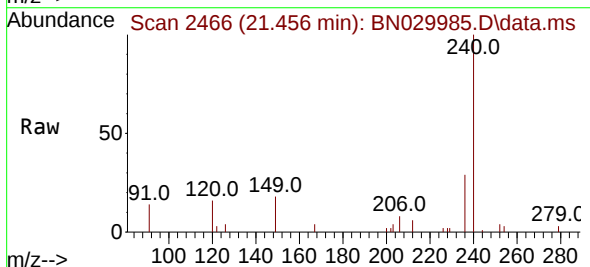
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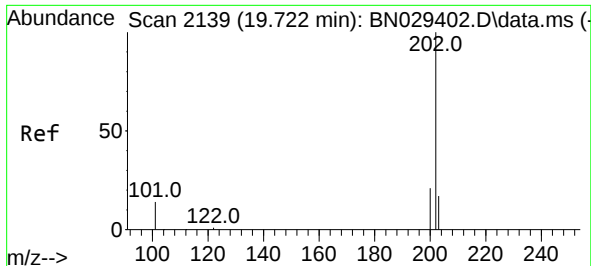
Tgt Ion:212 Resp: 16037
Ion Ratio Lower Upper
212 100
106 16.8 13.2 19.8
104 9.4 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

Tgt Ion:240 Resp: 9892
Ion Ratio Lower Upper
240 100
120 16.3 16.7 25.1#
236 29.2 23.9 35.9

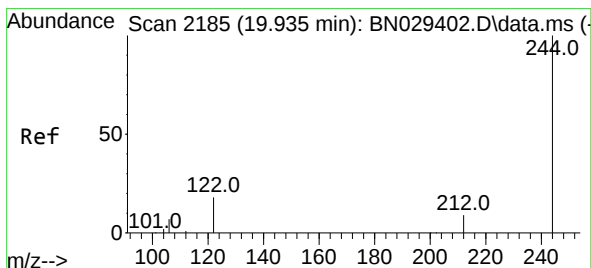
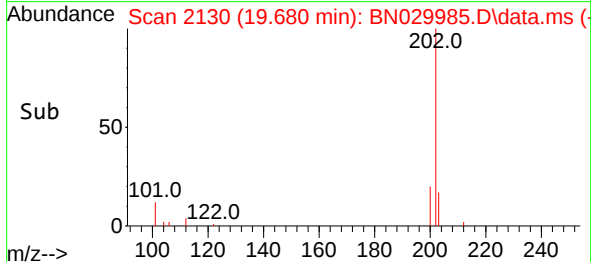
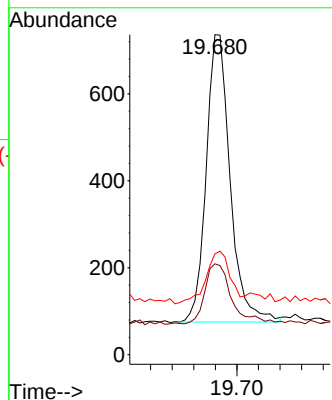
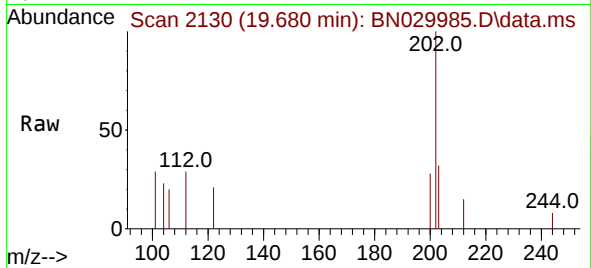




#30
Pyrene
Concen: 0.022 ng
RT: 19.680 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

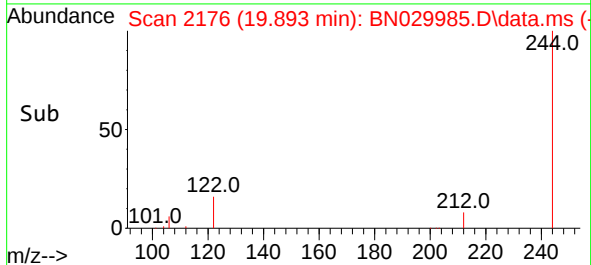
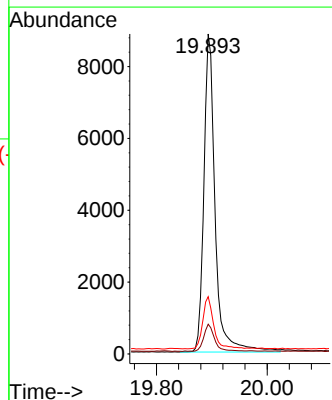
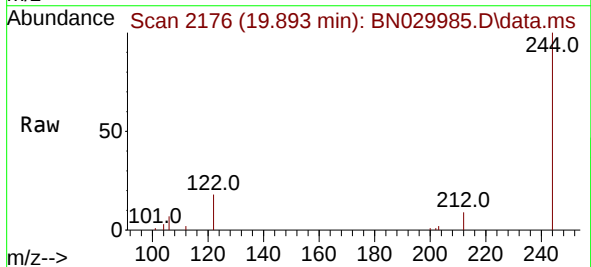
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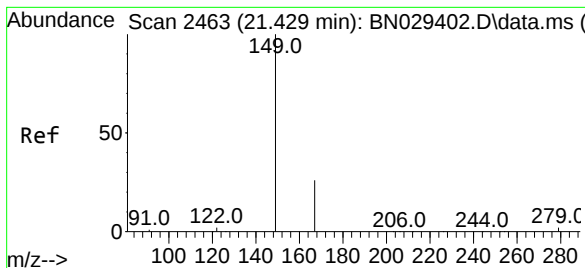
Tgt Ion:202 Resp: 1022
Ion Ratio Lower Upper
202 100
200 23.4 16.6 25.0
203 18.7 14.2 21.4



#31
Terphenyl-d14
Concen: 0.510 ng
RT: 19.893 min Scan# 2176
Delta R.T. -0.014 min
Lab File: BN029985.D
Acq: 24 Feb 2024 09:29

Tgt Ion:244 Resp: 12529
Ion Ratio Lower Upper
244 100
212 9.3 8.2 12.4
122 17.9 15.6 23.4

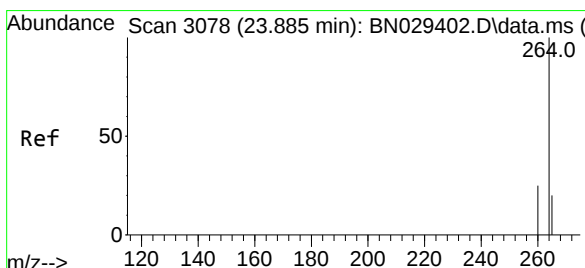
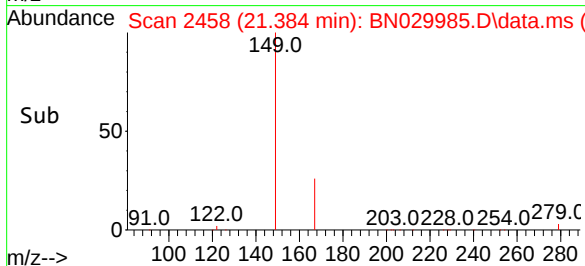
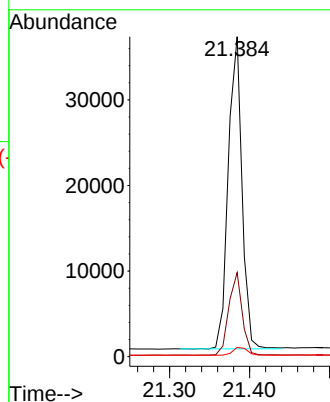
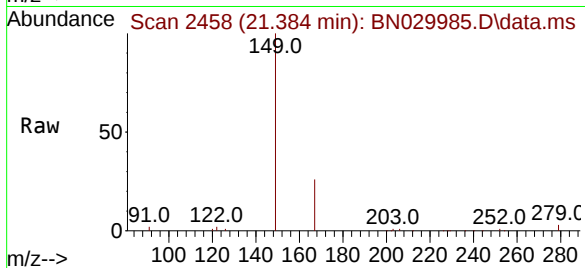




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.891 ng
 RT: 21.384 min Scan# 2463
 Delta R.T. -0.009 min
 Lab File: BN029985.D
 Acq: 24 Feb 2024 09:29

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20240215

Tgt Ion:149 Resp: 43550
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.1 30.1
 279 2.8 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.820 min Scan# 3056
 Delta R.T. -0.012 min
 Lab File: BN029985.D
 Acq: 24 Feb 2024 09:29

Tgt Ion:264 Resp: 8080
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.2 31.8
 265 81.8 41.5 62.3#

