

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029106.D
 Acq On : 08 Dec 2023 00:19
 Operator : MA/JU
 Sample : 05404-23DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20231109DL

Quant Time: Dec 08 01:04:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

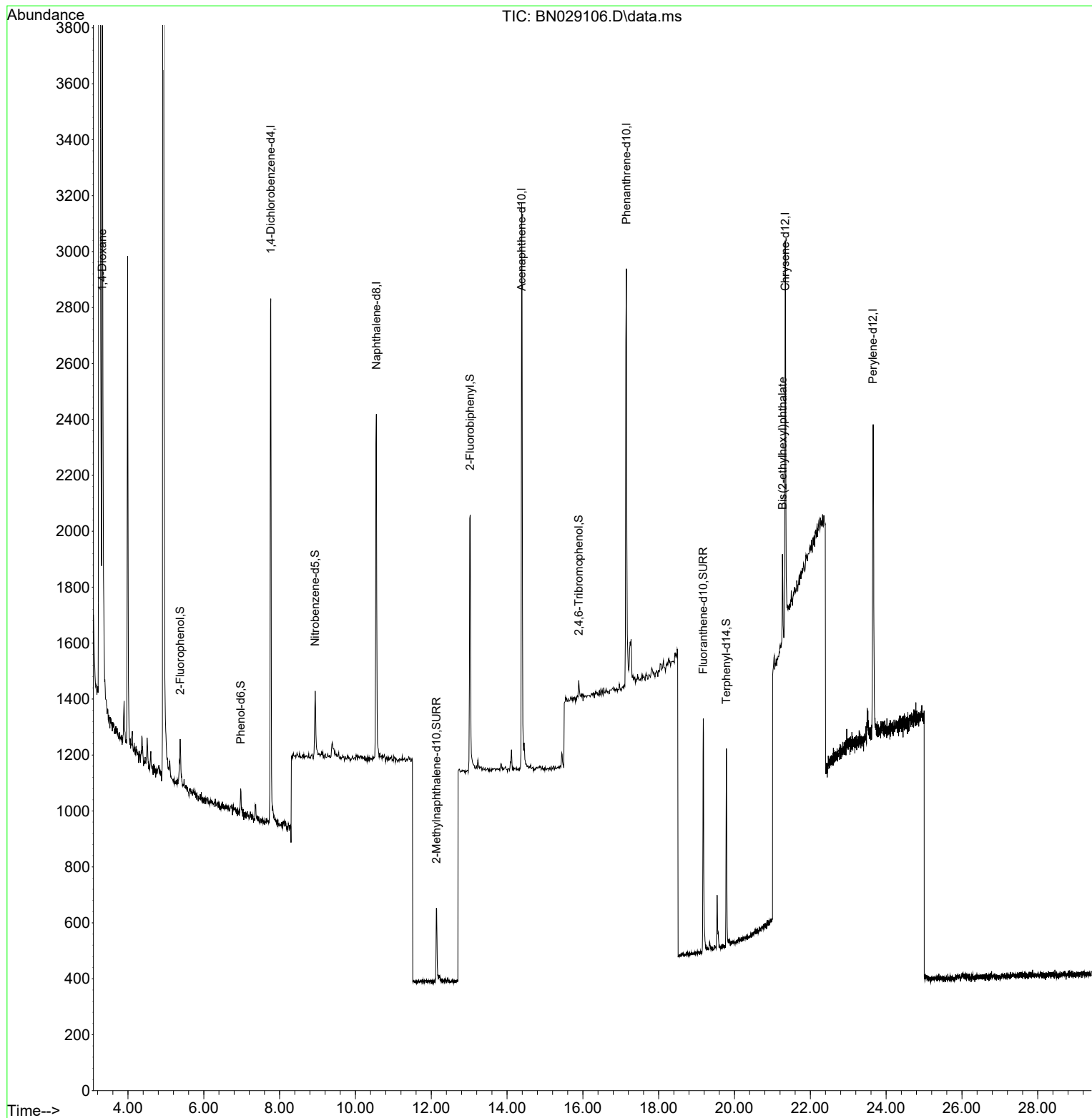
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	952	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	1863	0.400	ng	-0.01
13) Acenaphthene-d10	14.385	164	1291	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	2602	0.400	ng	# 0.00
29) Chrysene-d12	21.338	240	1481	0.400	ng	# 0.00
35) Perylene-d12	23.655	264	1632	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	122	0.057	ng	-0.01
5) Phenol-d6	6.973	99	74	0.029	ng	0.00
8) Nitrobenzene-d5	8.939	82	304	0.135	ng	0.00
11) 2-Methylnaphthalene-d10	12.136	152	419	0.107	ng	-0.01
14) 2,4,6-Tribromophenol	15.893	330	53	0.037	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	989	0.148	ng	0.00
27) Fluoranthene-d10	19.176	212	1061	0.130	ng	0.00
31) Terphenyl-d14	19.785	244	687	0.183	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	3197	4.170	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.266	149	322	0.070	ng	# 86

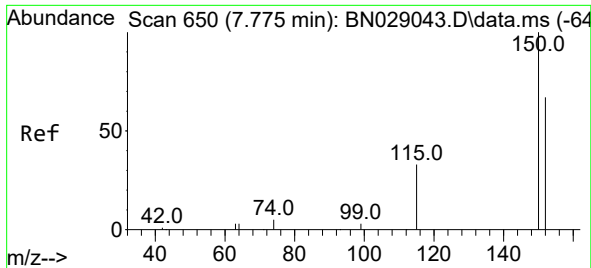
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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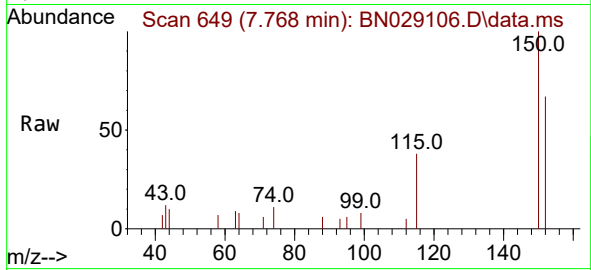
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration



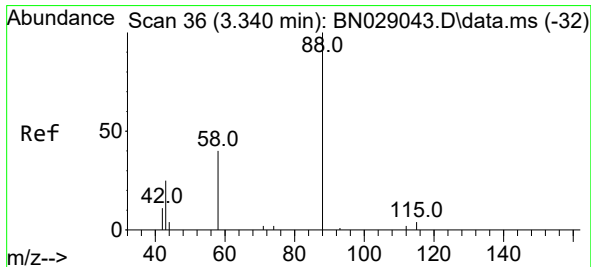
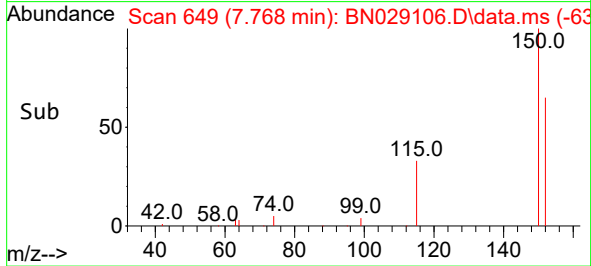
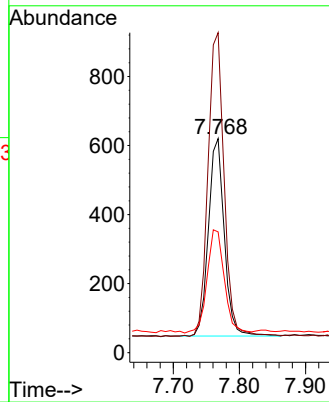


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029106.D
 Acq: 08 Dec 2023 00:19

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20231109DL

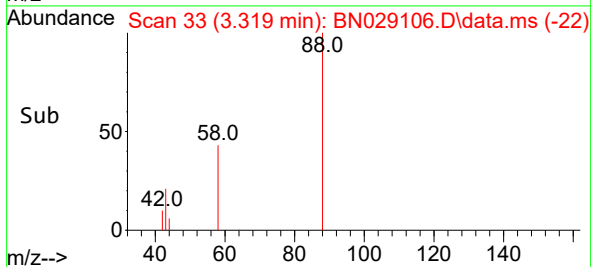
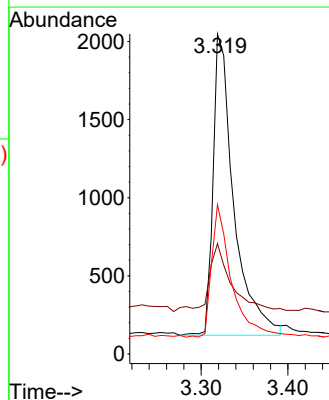
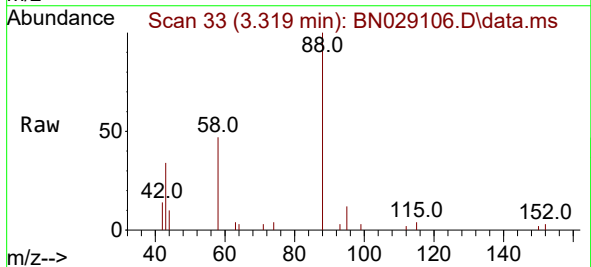


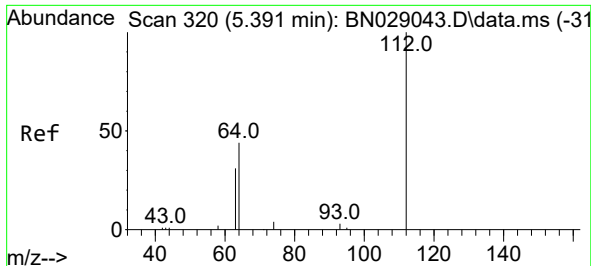
Tgt Ion:152 Resp: 952
 Ion Ratio Lower Upper
 152 100
 150 149.5 116.2 174.4
 115 56.5 45.1 67.7



#2
 1,4-Dioxane
 Concen: 4.170 ng
 RT: 3.319 min Scan# 33
 Delta R.T. -0.022 min
 Lab File: BN029106.D
 Acq: 08 Dec 2023 00:19

Tgt Ion: 88 Resp: 3197
 Ion Ratio Lower Upper
 88 100
 43 24.0 15.6 23.4#
 58 41.9 33.2 49.8

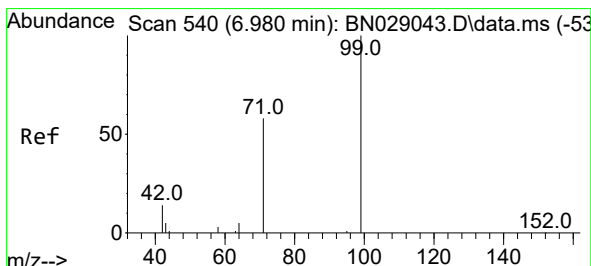
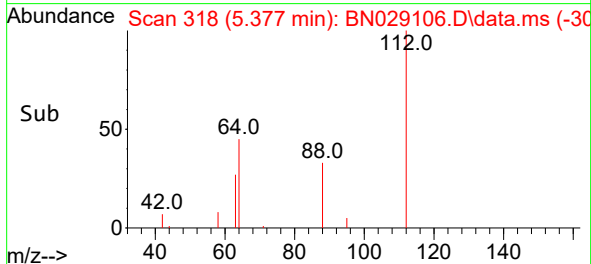
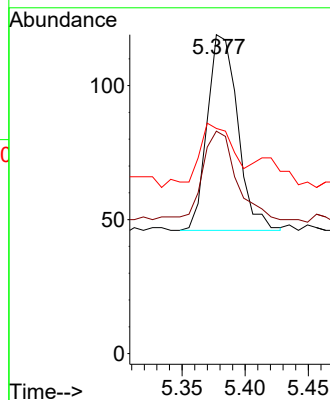
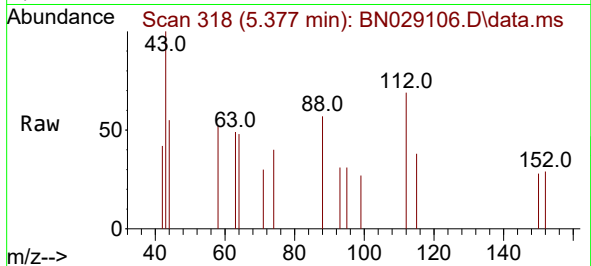




#4
2-Fluorophenol
Concen: 0.057 ng
RT: 5.377 min Scan# 311
Delta R.T. -0.014 min
Lab File: BN029106.D
Acq: 08 Dec 2023 00:19

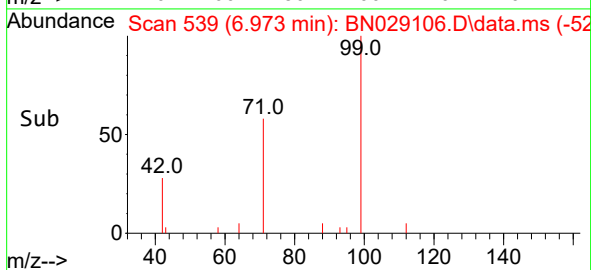
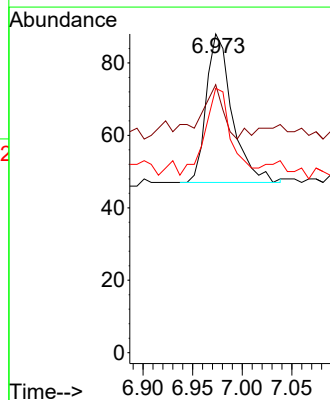
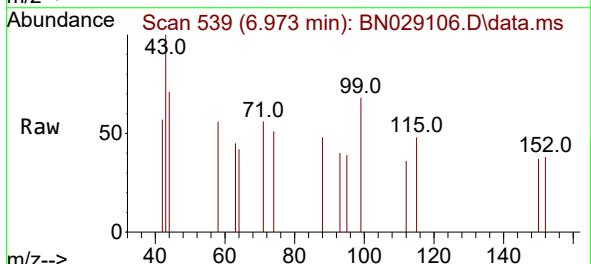
Instrument :
BNA_N
ClientSampleId :
RE125D2-20231109DL

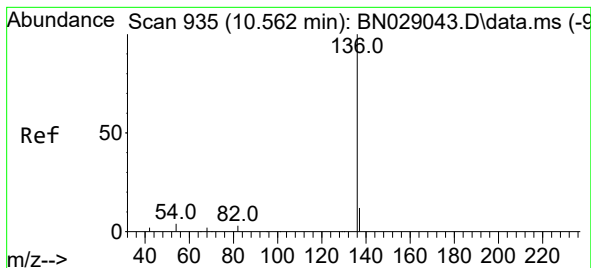
Tgt Ion:112 Resp: 122
Ion Ratio Lower Upper
112 100
64 50.8 37.0 55.6
63 37.7 29.0 43.6



#5
Phenol-d6
Concen: 0.029 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.007 min
Lab File: BN029106.D
Acq: 08 Dec 2023 00:19

Tgt Ion: 99 Resp: 74
Ion Ratio Lower Upper
99 100
42 27.0 13.4 20.2#
71 59.5 47.8 71.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.551 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029106.D

Acq: 08 Dec 2023 00:19

Instrument :

BNA_N

ClientSampleId :

RE125D2-20231109DL

Tgt Ion:136 Resp: 1863

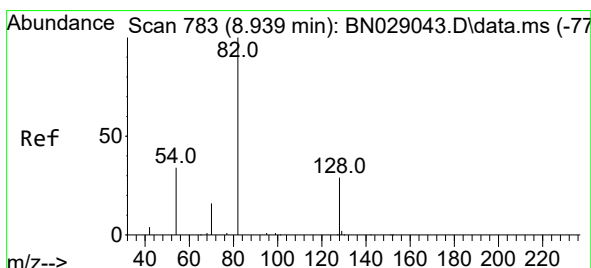
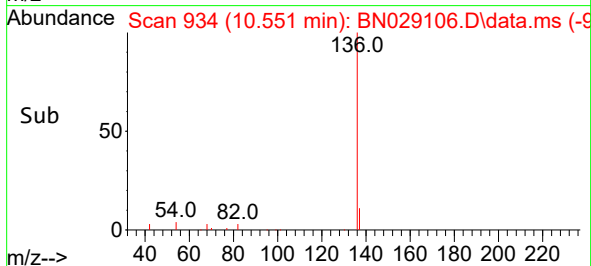
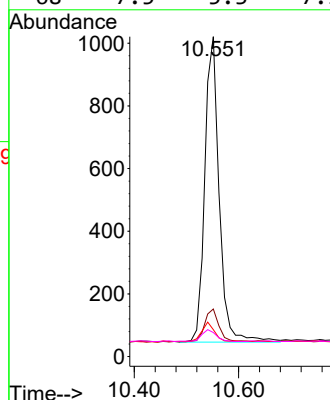
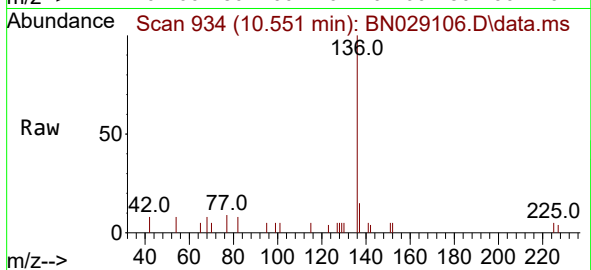
Ion Ratio Lower Upper

136 100

137 14.9 11.9 17.9

54 8.4 6.4 9.6

68 7.5 5.3 7.9



#8

Nitrobenzene-d5

Concen: 0.135 ng

RT: 8.939 min Scan# 783

Delta R.T. 0.000 min

Lab File: BN029106.D

Acq: 08 Dec 2023 00:19

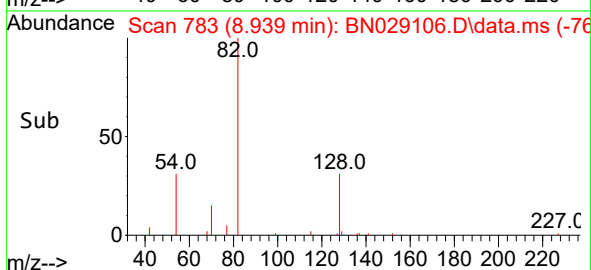
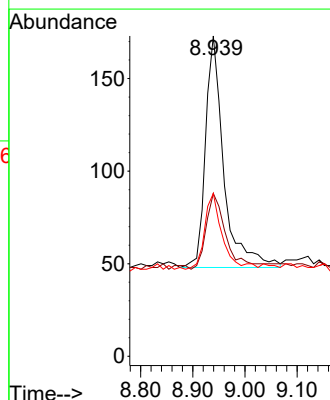
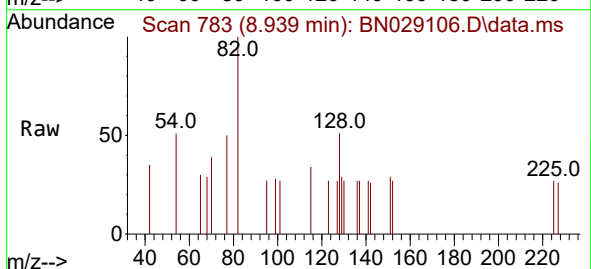
Tgt Ion: 82 Resp: 304

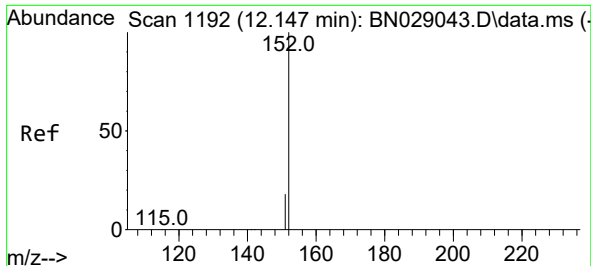
Ion Ratio Lower Upper

82 100

128 50.9 28.2 42.4#

54 50.9 32.1 48.1#

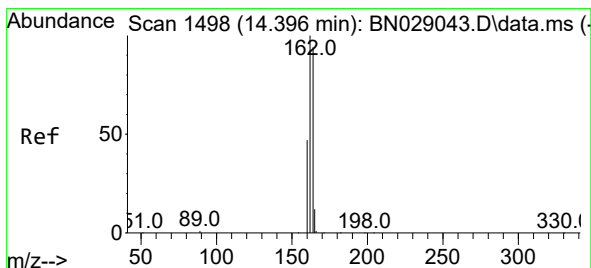
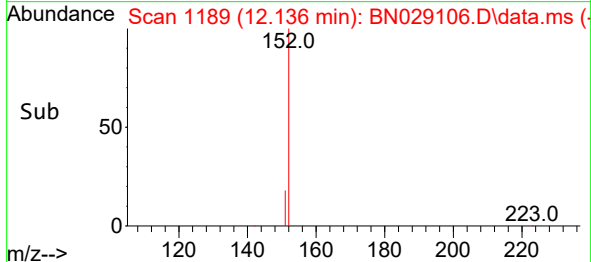
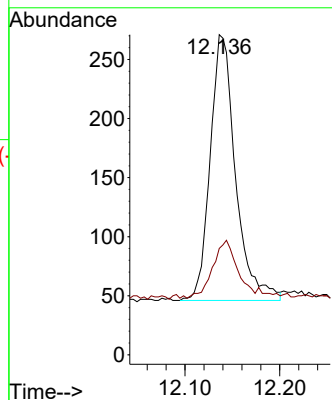
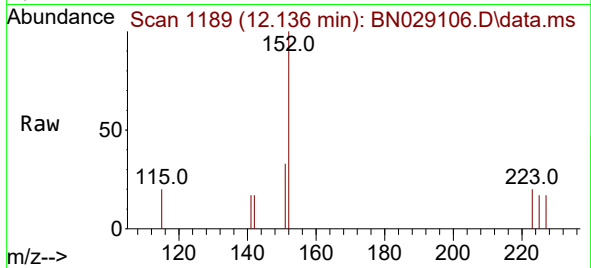




#11
2-Methylnaphthalene-d10
Concen: 0.107 ng
RT: 12.136 min Scan# 1189
Delta R.T. -0.011 min
Lab File: BN029106.D
Acq: 08 Dec 2023 00:19

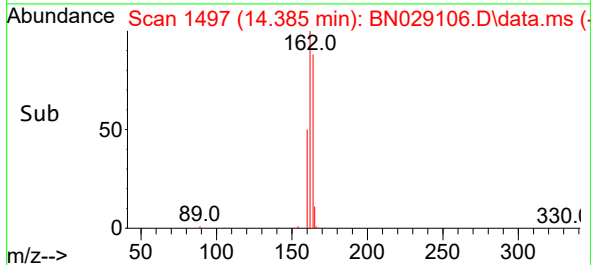
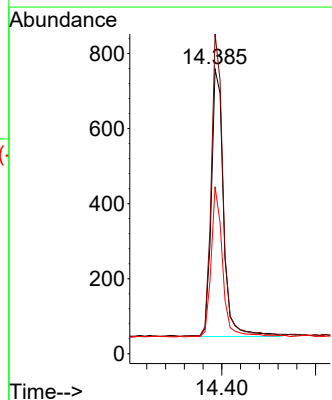
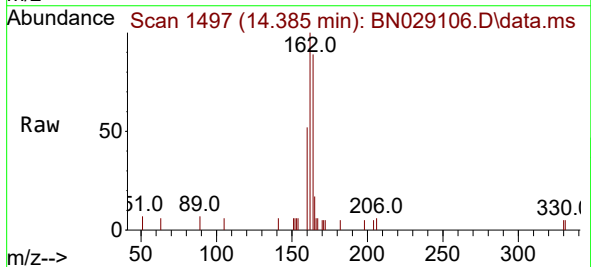
Instrument :
BNA_N
ClientSampleId :
RE125D2-20231109DL

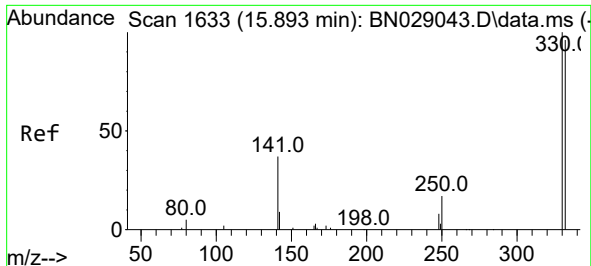
Tgt Ion:152 Resp: 419
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.385 min Scan# 1497
Delta R.T. -0.011 min
Lab File: BN029106.D
Acq: 08 Dec 2023 00:19

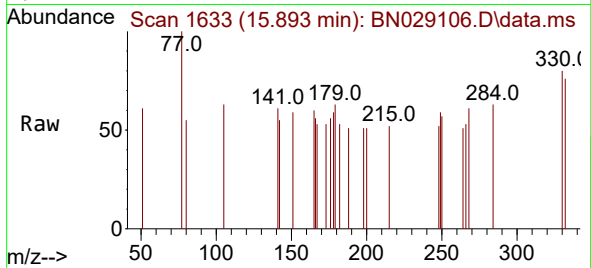
Tgt Ion:164 Resp: 1291
Ion Ratio Lower Upper
164 100
162 112.4 85.0 127.6
160 58.7 41.3 61.9



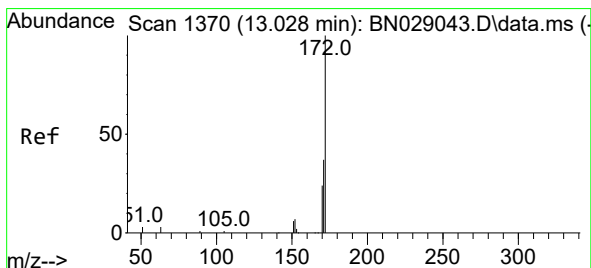
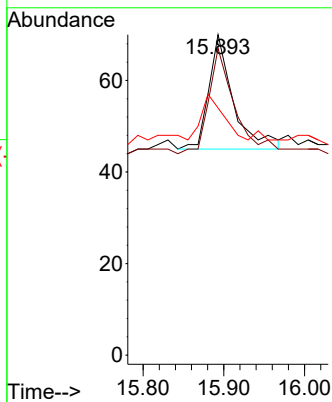
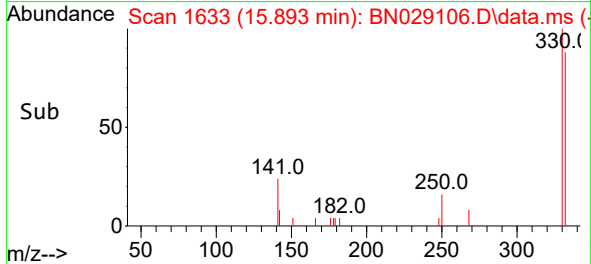


#14
2,4,6-Tribromophenol
Concen: 0.037 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029106.D
Acq: 08 Dec 2023 00:19

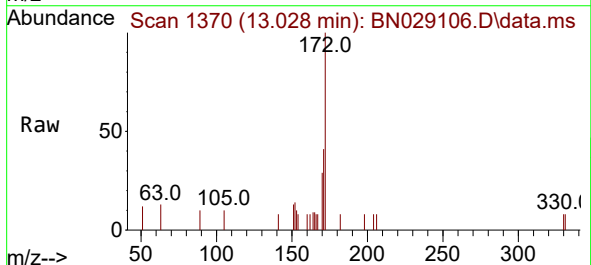
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RE125D2-20231109DL



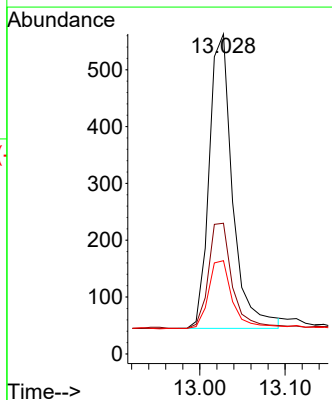
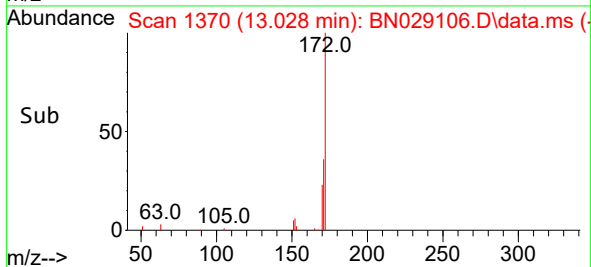
Tgt Ion:330 Resp: 53
Ion Ratio Lower Upper
330 100
332 96.2 78.8 118.2
141 39.6 28.7 43.1

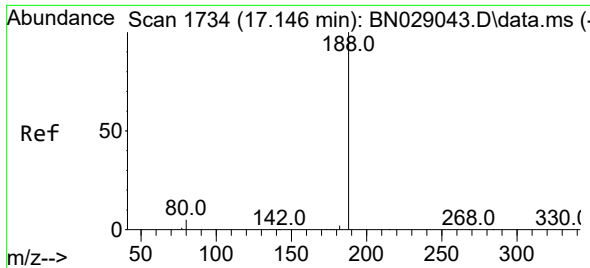


#15
2-Fluorobiphenyl
Concen: 0.148 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029106.D
Acq: 08 Dec 2023 00:19



Tgt Ion:172 Resp: 989
Ion Ratio Lower Upper
172 100
171 40.9 30.1 45.1
170 29.1 20.3 30.5

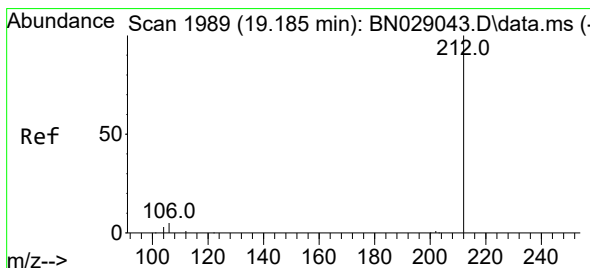
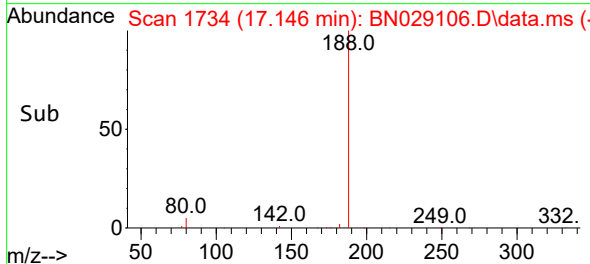
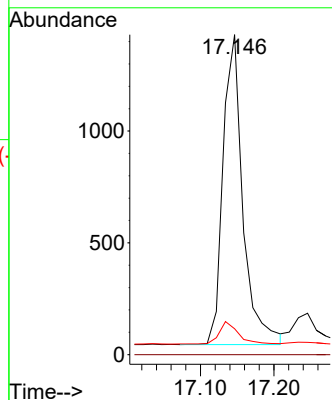
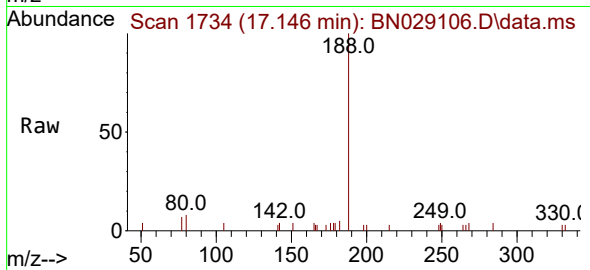




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029106.D
Acq: 08 Dec 2023 00:19

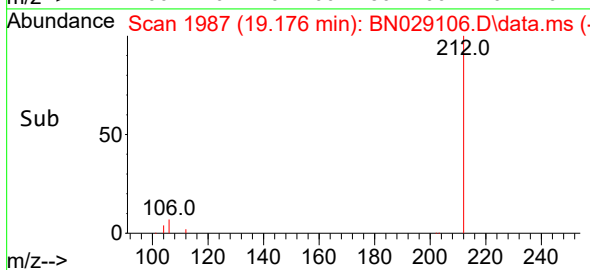
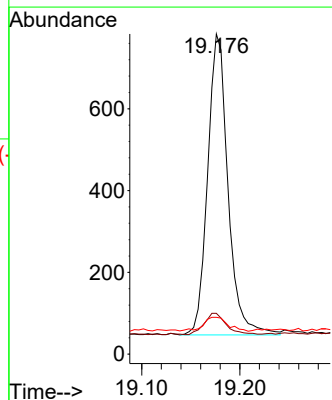
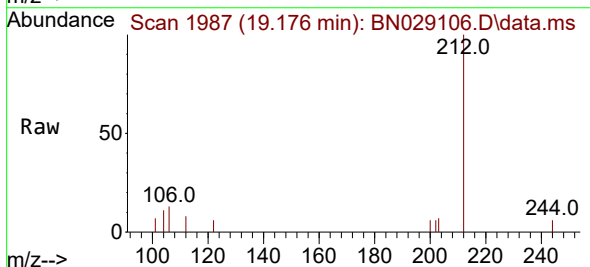
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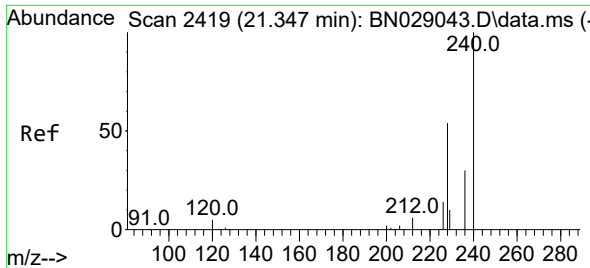
Tgt Ion:188 Resp: 2602
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 5.4 8.0#



#27
Fluoranthene-d10
Concen: 0.130 ng
RT: 19.176 min Scan# 1987
Delta R.T. -0.009 min
Lab File: BN029106.D
Acq: 08 Dec 2023 00:19

Tgt Ion:212 Resp: 1061
Ion Ratio Lower Upper
212 100
106 7.6 3.9 5.9#
104 5.6 2.6 3.8#

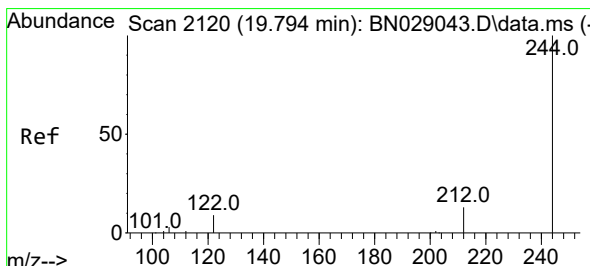
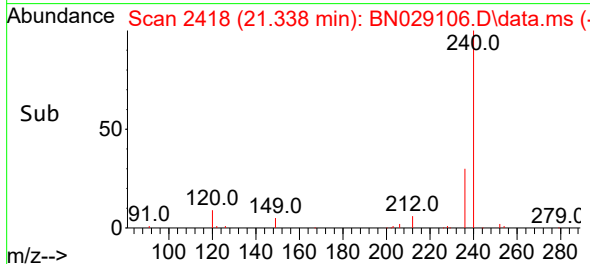
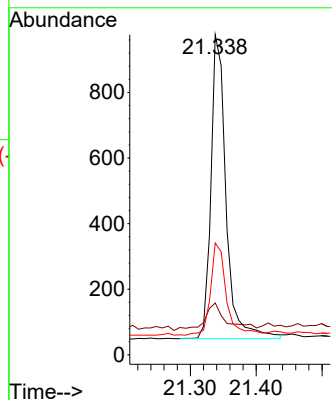
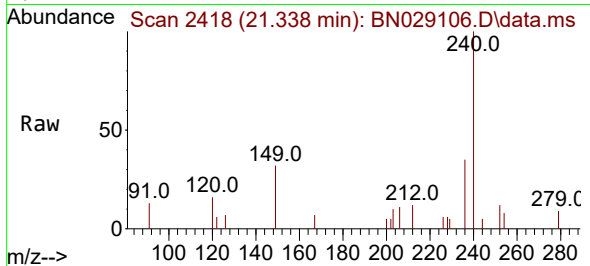




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.338 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BN029106.D
Acq: 08 Dec 2023 00:19

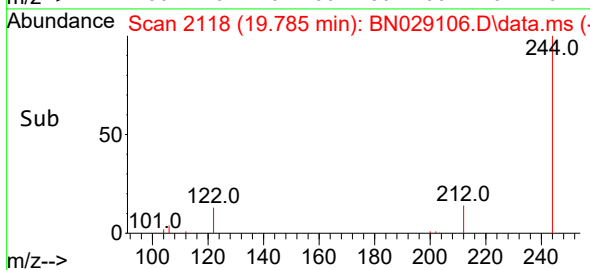
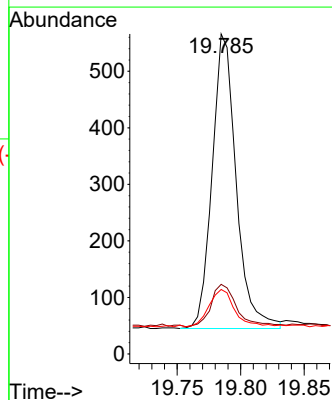
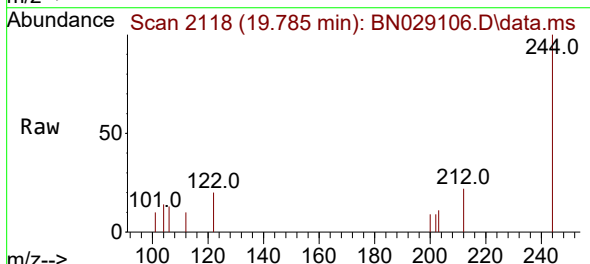
Instrument :
BNA_N
ClientSampleId :
RE125D2-20231109DL

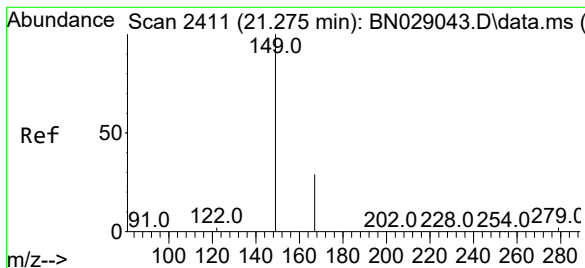
Tgt Ion:240 Resp: 1481
Ion Ratio Lower Upper
240 100
120 16.2 6.7 10.1#
236 34.9 25.7 38.5



#31
Terphenyl-d14
Concen: 0.183 ng
RT: 19.785 min Scan# 2118
Delta R.T. -0.009 min
Lab File: BN029106.D
Acq: 08 Dec 2023 00:19

Tgt Ion:244 Resp: 687
Ion Ratio Lower Upper
244 100
212 21.7 11.6 17.4#
122 20.1 8.2 12.4#

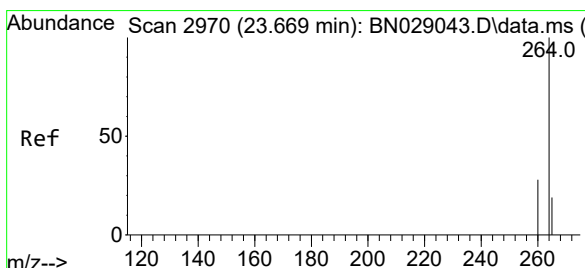
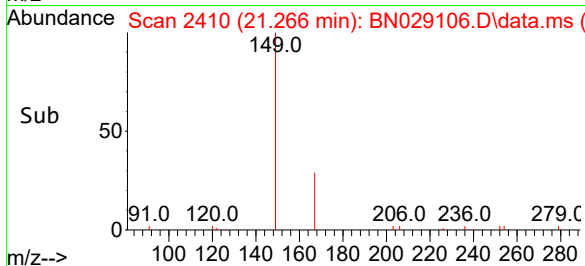
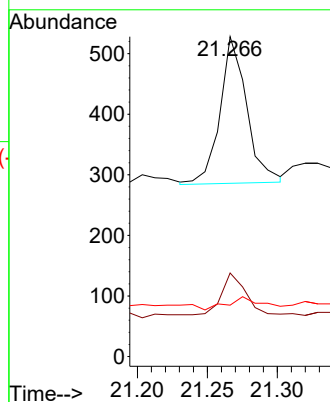
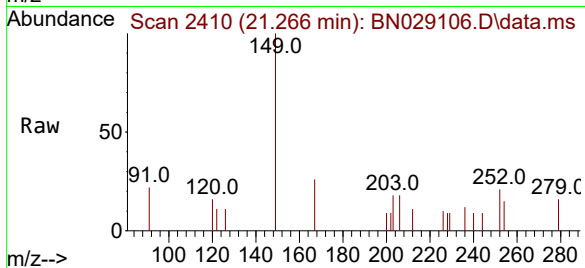




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 21.266 min Scan# 2410
 Delta R.T. -0.009 min
 Lab File: BN029106.D
 Acq: 08 Dec 2023 00:19

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20231109DL

Tgt Ion:149 Resp: 322
 Ion Ratio Lower Upper
 149 100
 167 36.3 23.4 35.2#
 279 11.5 3.4 5.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.655 min Scan# 2965
 Delta R.T. -0.015 min
 Lab File: BN029106.D
 Acq: 08 Dec 2023 00:19

Tgt Ion:264 Resp: 1632
 Ion Ratio Lower Upper
 264 100
 260 31.5 23.9 35.9
 265 95.2 52.7 79.1#

