

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029105.D
 Acq On : 07 Dec 2023 23:43
 Operator : MA/JU
 Sample : 05428-02DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20231113DL

Quant Time: Dec 08 00:14:12 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)

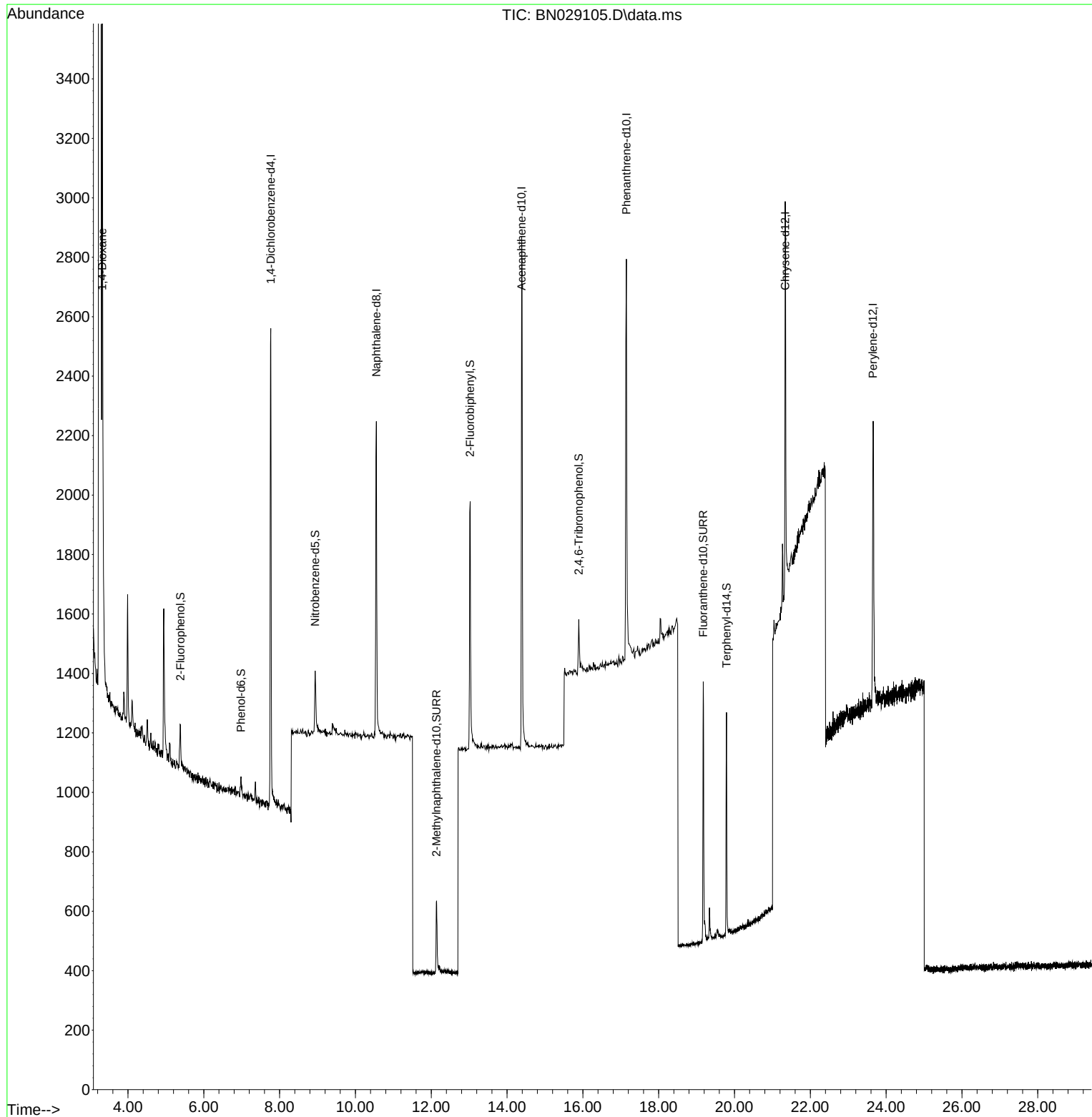
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	837	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	1645	0.400	ng	#-0.01
13) Acenaphthene-d10	14.385	164	1148	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	2511	0.400	ng	# 0.00
29) Chrysene-d12	21.338	240	1335	0.400	ng	# 0.00
35) Perylene-d12	23.655	264	1456	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	116	0.061	ng	0.00
5) Phenol-d6	6.980	99	69	0.030	ng	0.00
8) Nitrobenzene-d5	8.939	82	276	0.139	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	398	0.115	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	133	0.105	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	925	0.156	ng	0.00
27) Fluoranthene-d10	19.176	212	1124	0.142	ng	0.00
31) Terphenyl-d14	19.789	244	759	0.225	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.319	88	2164	3.210	ng	Qvalue 97

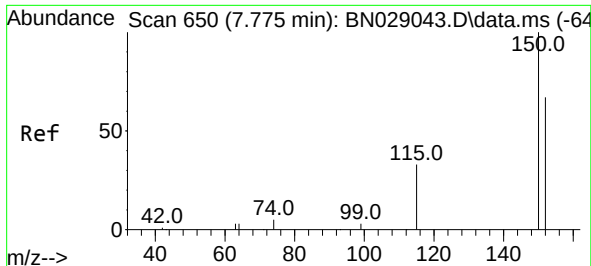
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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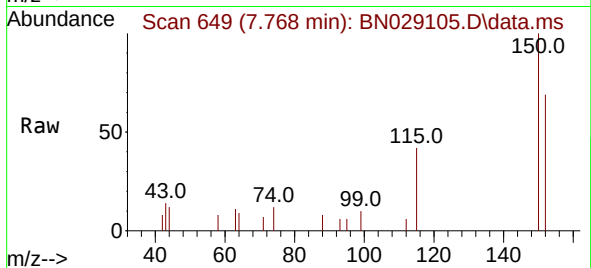
Quant Time: Dec 08 00:14:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration





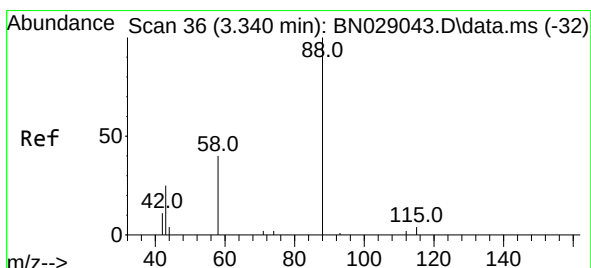
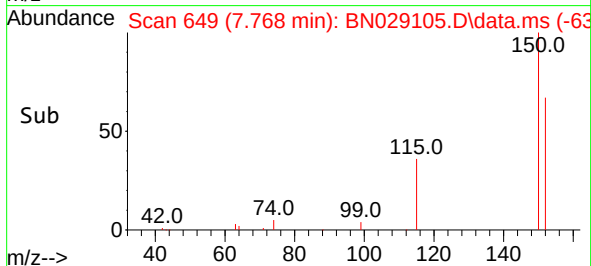
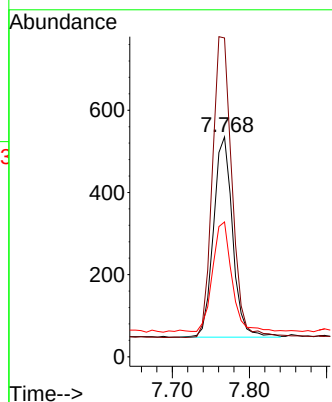
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029105.D
 Acq: 07 Dec 2023 23:43

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20231113DL



Tgt Ion:152 Resp: 837

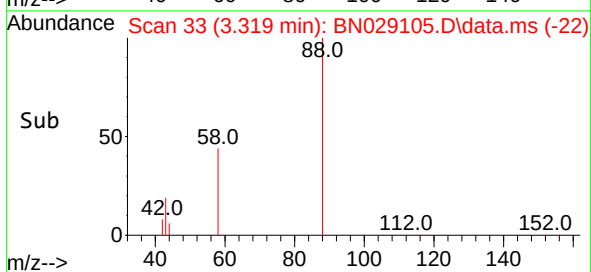
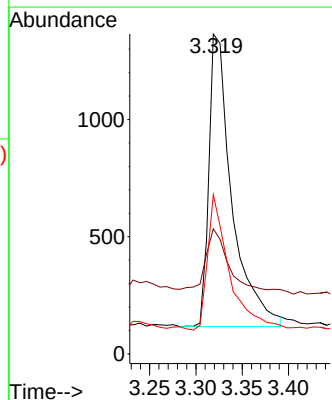
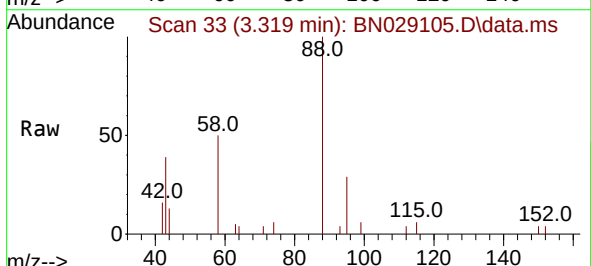
Ion	Ratio	Lower	Upper
152	100		
150	145.0	116.2	174.4
115	61.3	45.1	67.7

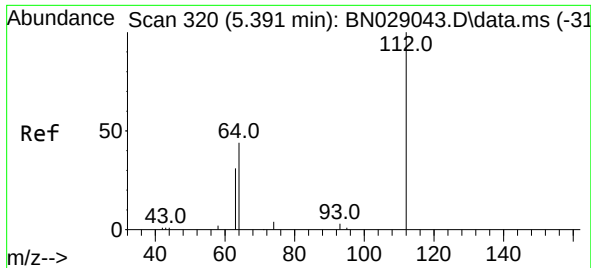


#2
 1,4-Dioxane
 Concen: 3.210 ng
 RT: 3.319 min Scan# 33
 Delta R.T. -0.022 min
 Lab File: BN029105.D
 Acq: 07 Dec 2023 23:43

Tgt Ion: 88 Resp: 2164

Ion	Ratio	Lower	Upper
88	100		
43	18.3	15.6	23.4
58	43.6	33.2	49.8

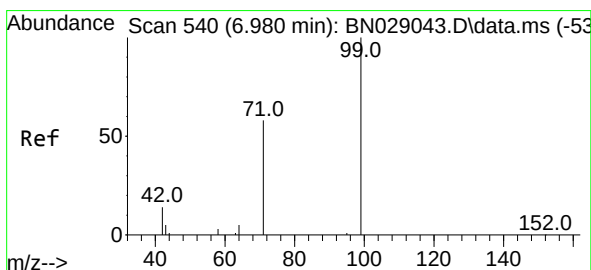
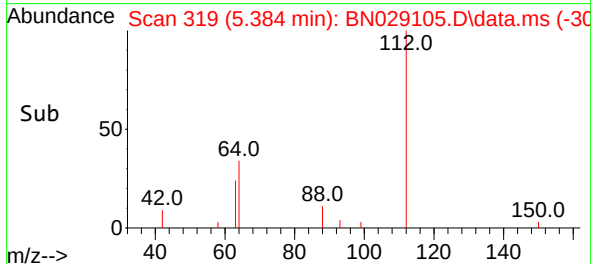
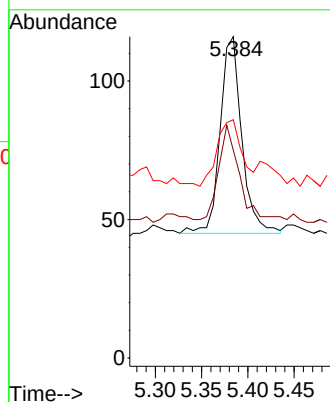
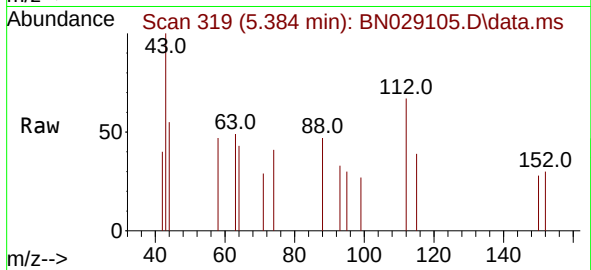




#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN029105.D
Acq: 07 Dec 2023 23:43

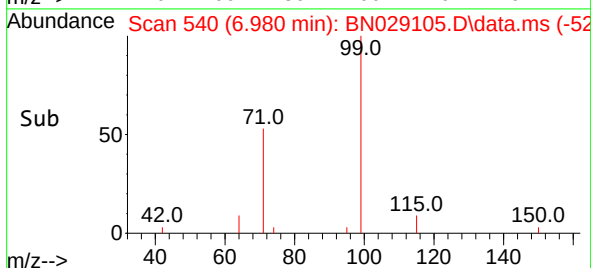
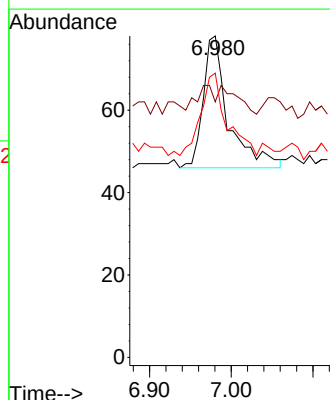
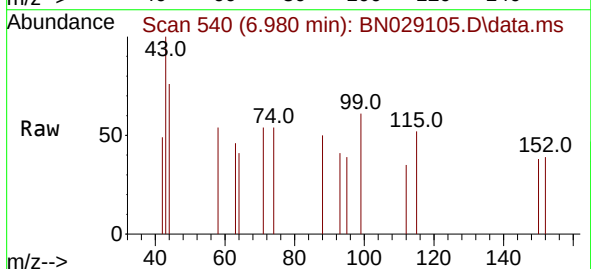
Instrument :
BNA_N
ClientSampleId :
RE120D1-20231113DL

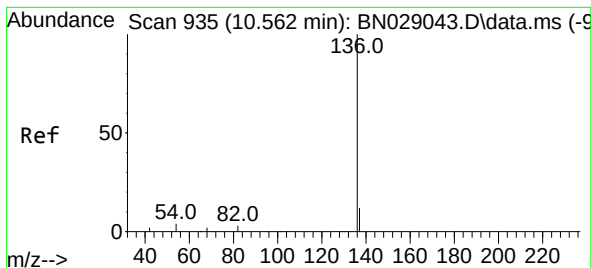
Tgt Ion:112 Resp: 116
Ion Ratio Lower Upper
112 100
64 46.6 37.0 55.6
63 35.3 29.0 43.6



#5
Phenol-d6
Concen: 0.030 ng
RT: 6.980 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029105.D
Acq: 07 Dec 2023 23:43

Tgt Ion: 99 Resp: 69
Ion Ratio Lower Upper
99 100
42 11.6 13.4 20.2#
71 66.7 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: BN029105.D

Acq: 07 Dec 2023 23:43

Instrument :

BNA_N

ClientSampleId :

RE120D1-20231113DL

Tgt Ion:136 Resp: 1645

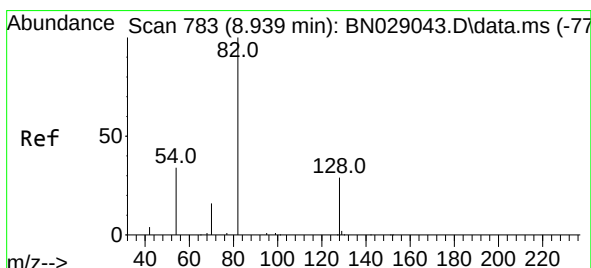
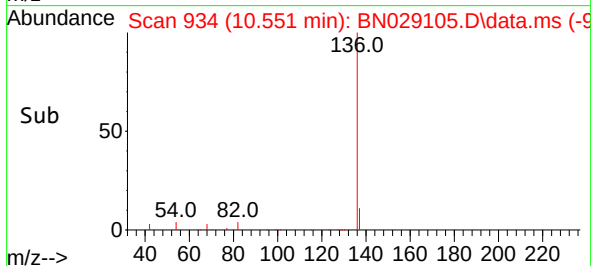
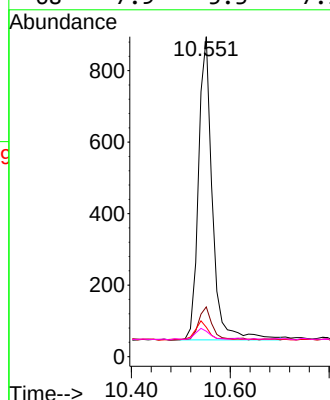
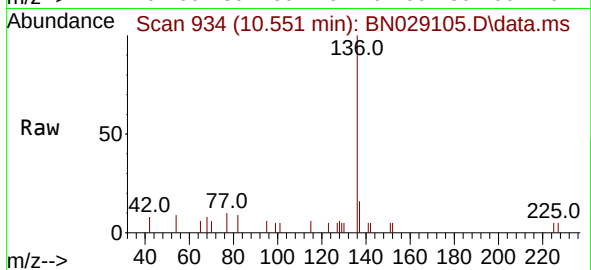
Ion Ratio Lower Upper

136 100

137 15.5 11.9 17.9

54 9.2 6.4 9.6

68 7.9 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.139 ng

RT: 8.939 min Scan# 783

Delta R.T. 0.000 min

Lab File: BN029105.D

Acq: 07 Dec 2023 23:43

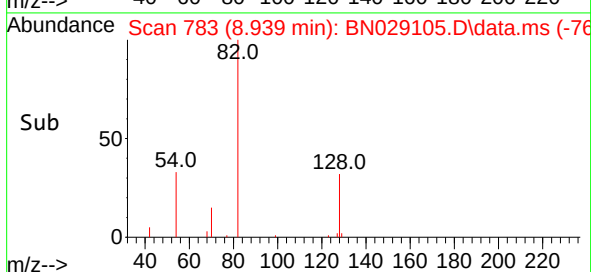
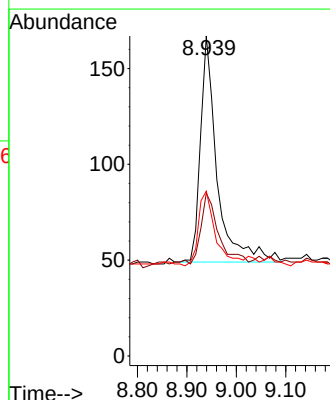
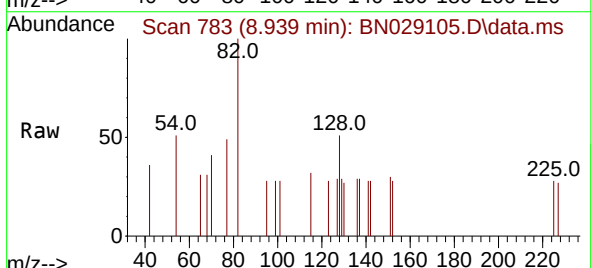
Tgt Ion: 82 Resp: 276

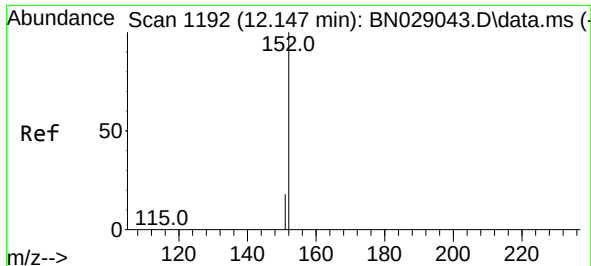
Ion Ratio Lower Upper

82 100

128 50.9 28.2 42.4#

54 51.5 32.1 48.1#

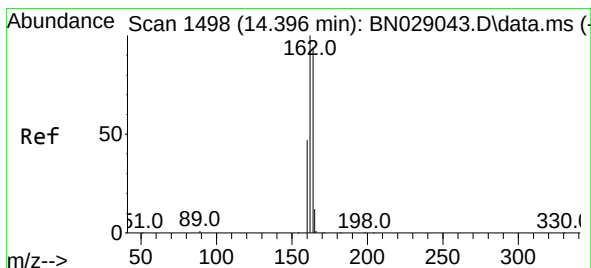
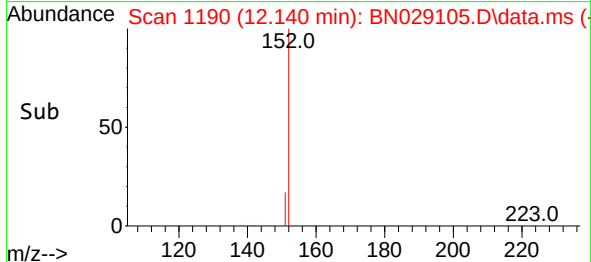
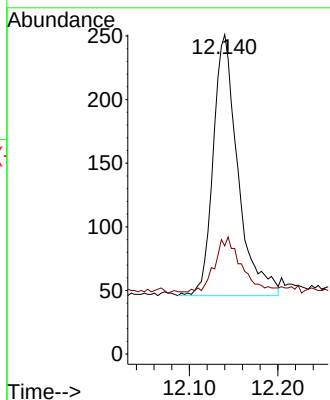
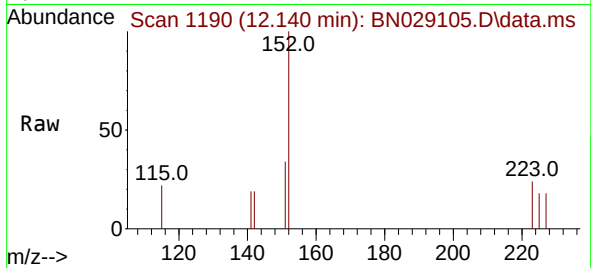




#11
2-Methylnaphthalene-d10
Concen: 0.115 ng
RT: 12.140 min Scan# 1192
Delta R.T. -0.008 min
Lab File: BN029105.D
Acq: 07 Dec 2023 23:43

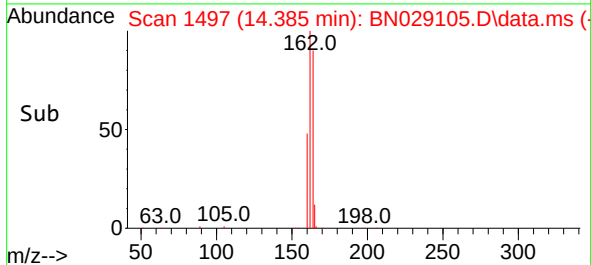
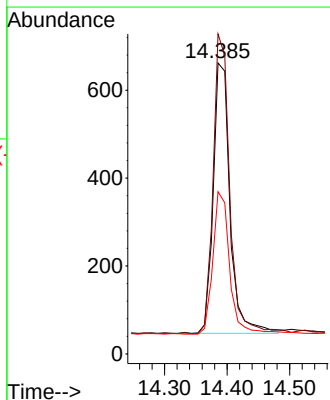
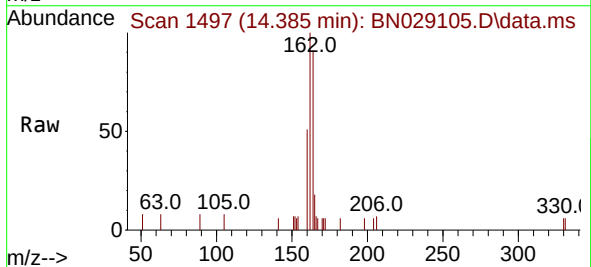
Instrument :
BNA_N
ClientSampleId :
RE120D1-20231113DL

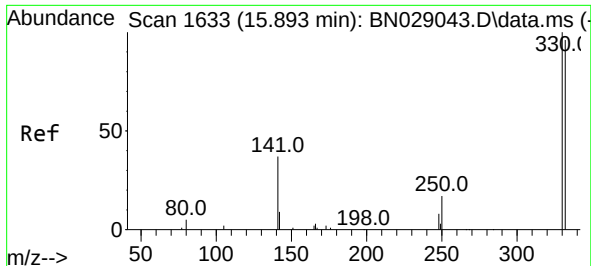
Tgt Ion:152 Resp: 398
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.385 min Scan# 1497
Delta R.T. -0.011 min
Lab File: BN029105.D
Acq: 07 Dec 2023 23:43

Tgt Ion:164 Resp: 1148
Ion Ratio Lower Upper
164 100
162 110.0 85.0 127.6
160 55.7 41.3 61.9

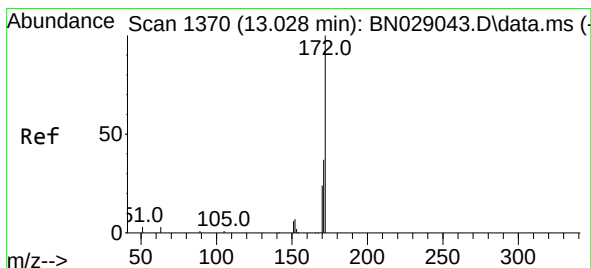
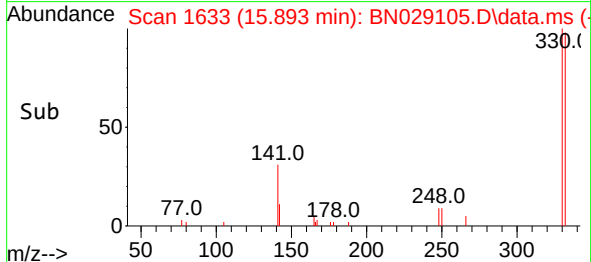
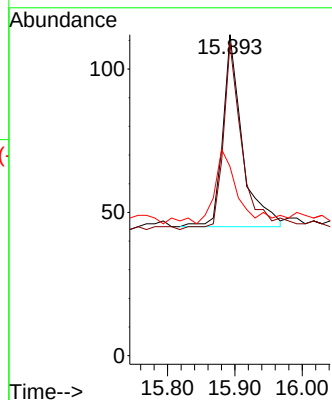
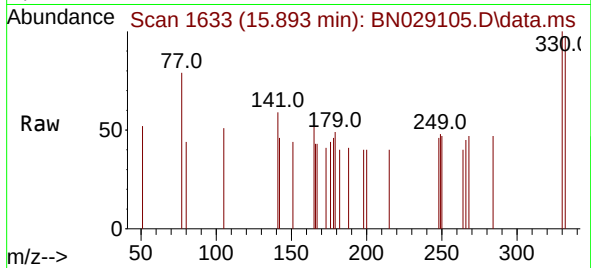




#14
2,4,6-Tribromophenol
Concen: 0.105 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029105.D
Acq: 07 Dec 2023 23:43

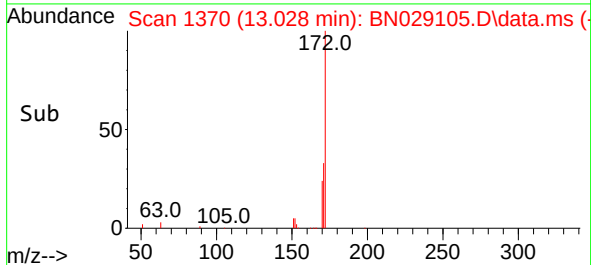
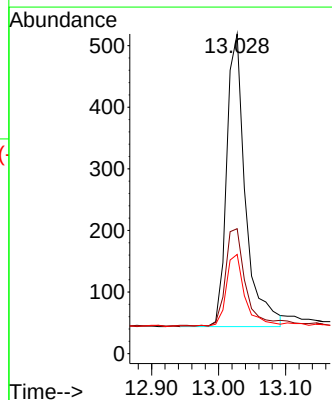
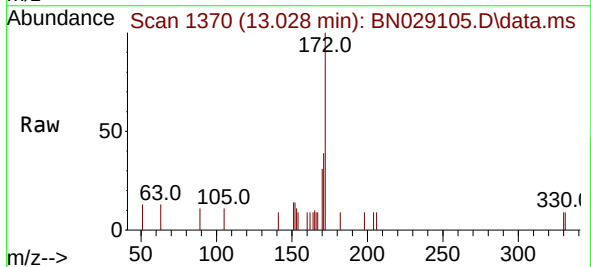
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RE120D1-20231113DL

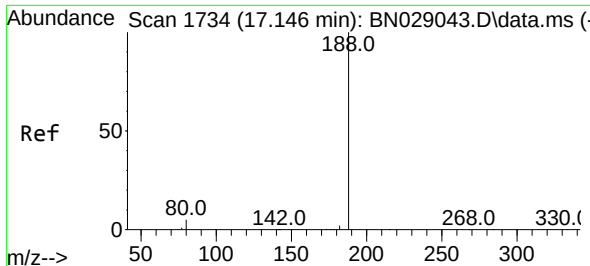
Tgt Ion: 330 Resp: 133
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 47.4 28.7 43.1#



#15
2-Fluorobiphenyl
Concen: 0.156 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029105.D
Acq: 07 Dec 2023 23:43

Tgt Ion: 172 Resp: 925
Ion Ratio Lower Upper
172 100
171 39.1 30.1 45.1
170 31.0 20.3 30.5#

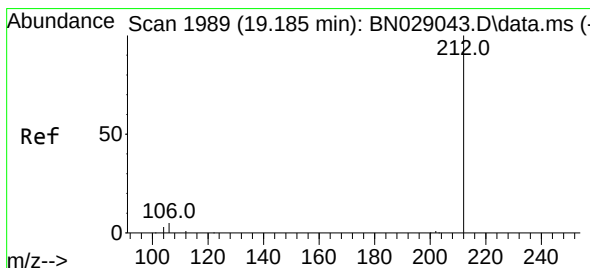
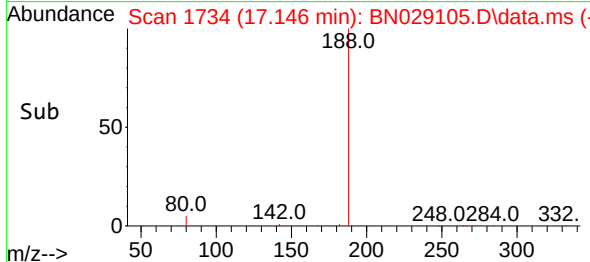
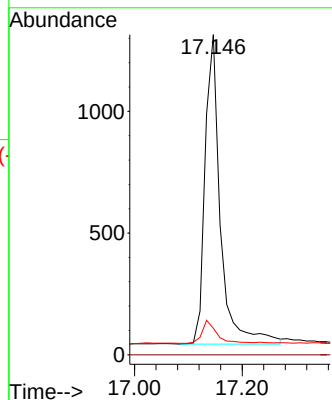
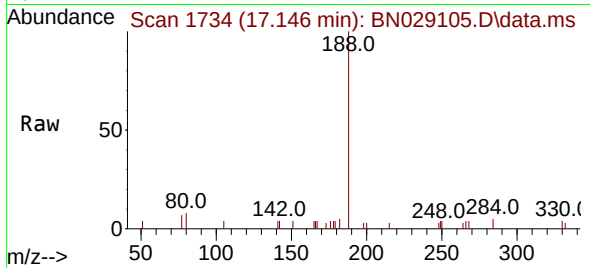




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029105.D
Acq: 07 Dec 2023 23:43

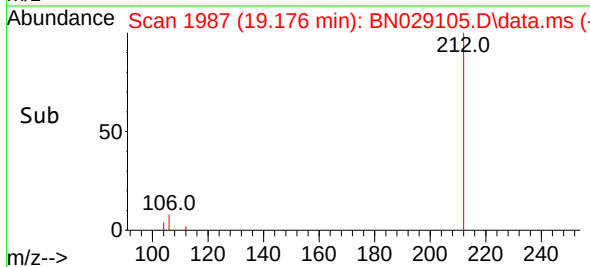
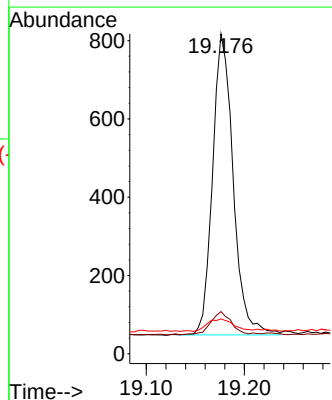
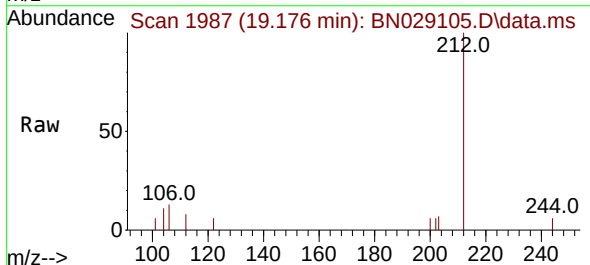
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BNA_N
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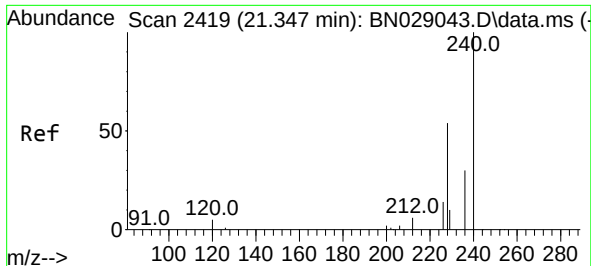
Tgt Ion:188 Resp: 2511
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 5.4 8.0#



#27
Fluoranthene-d10
Concen: 0.142 ng
RT: 19.176 min Scan# 1987
Delta R.T. -0.009 min
Lab File: BN029105.D
Acq: 07 Dec 2023 23:43

Tgt Ion:212 Resp: 1124
Ion Ratio Lower Upper
212 100
106 7.7 3.9 5.9#
104 5.4 2.6 3.8#

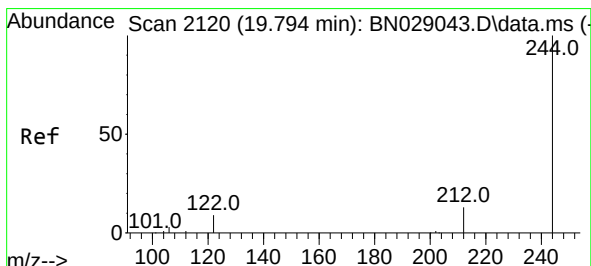
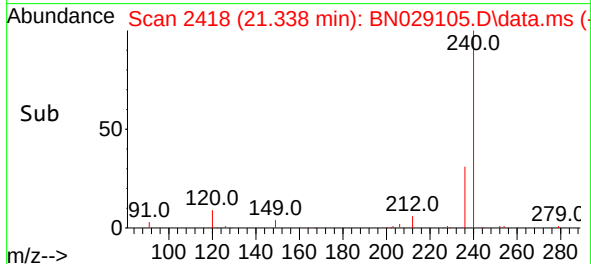
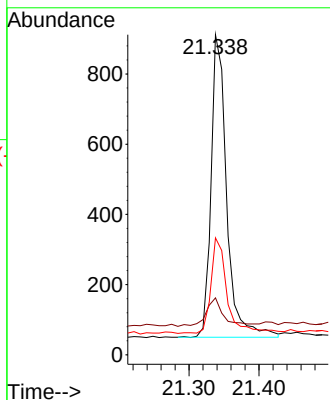
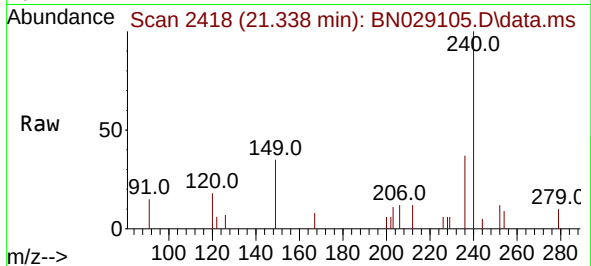




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.338 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BN029105.D
Acq: 07 Dec 2023 23:43

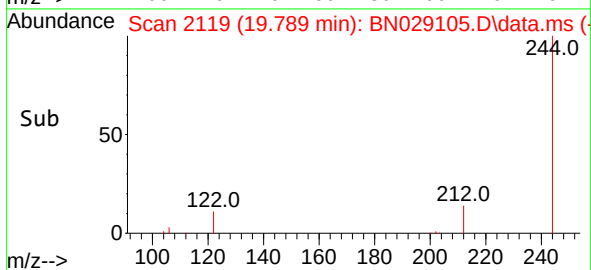
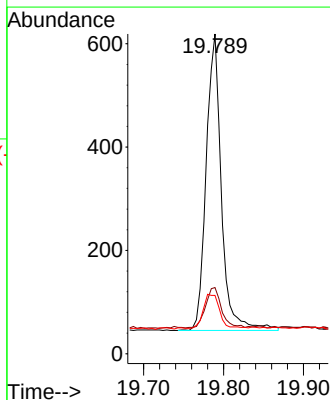
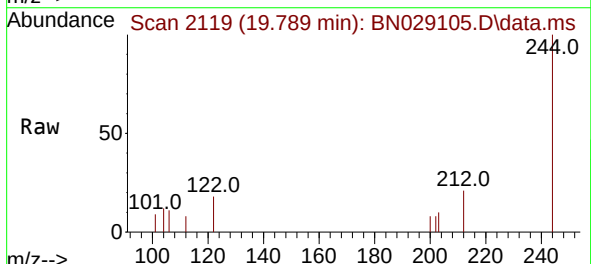
Instrument :
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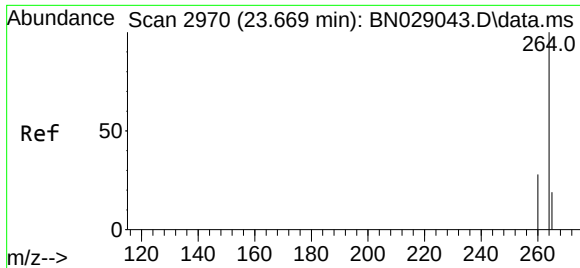
Tgt Ion:240 Resp: 1335
Ion Ratio Lower Upper
240 100
120 17.8 6.7 10.1#
236 36.5 25.7 38.5



#31
Terphenyl-d14
Concen: 0.225 ng
RT: 19.789 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BN029105.D
Acq: 07 Dec 2023 23:43

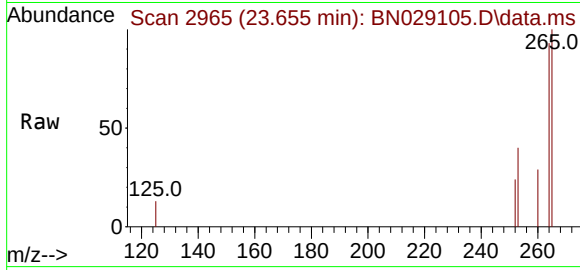
Tgt Ion:244 Resp: 759
Ion Ratio Lower Upper
244 100
212 20.7 11.6 17.4#
122 18.3 8.2 12.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.655 min Scan# 2970
 Delta R.T. -0.015 min
 Lab File: BN029105.D
 Acq: 07 Dec 2023 23:43

Instrument : BNA_N
 ClientSampleId : RE120D1-20231113DL



Tgt Ion:264 Resp: 1456

Ion	Ratio	Lower	Upper
264	100		
260	31.5	23.9	35.9
265	107.6	52.7	79.1

