

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029022.D
 Acq On : 03 Dec 2023 15:44
 Operator : MA/JU
 Sample : 05404-30
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20231110

Quant Time: Dec 04 00:44:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

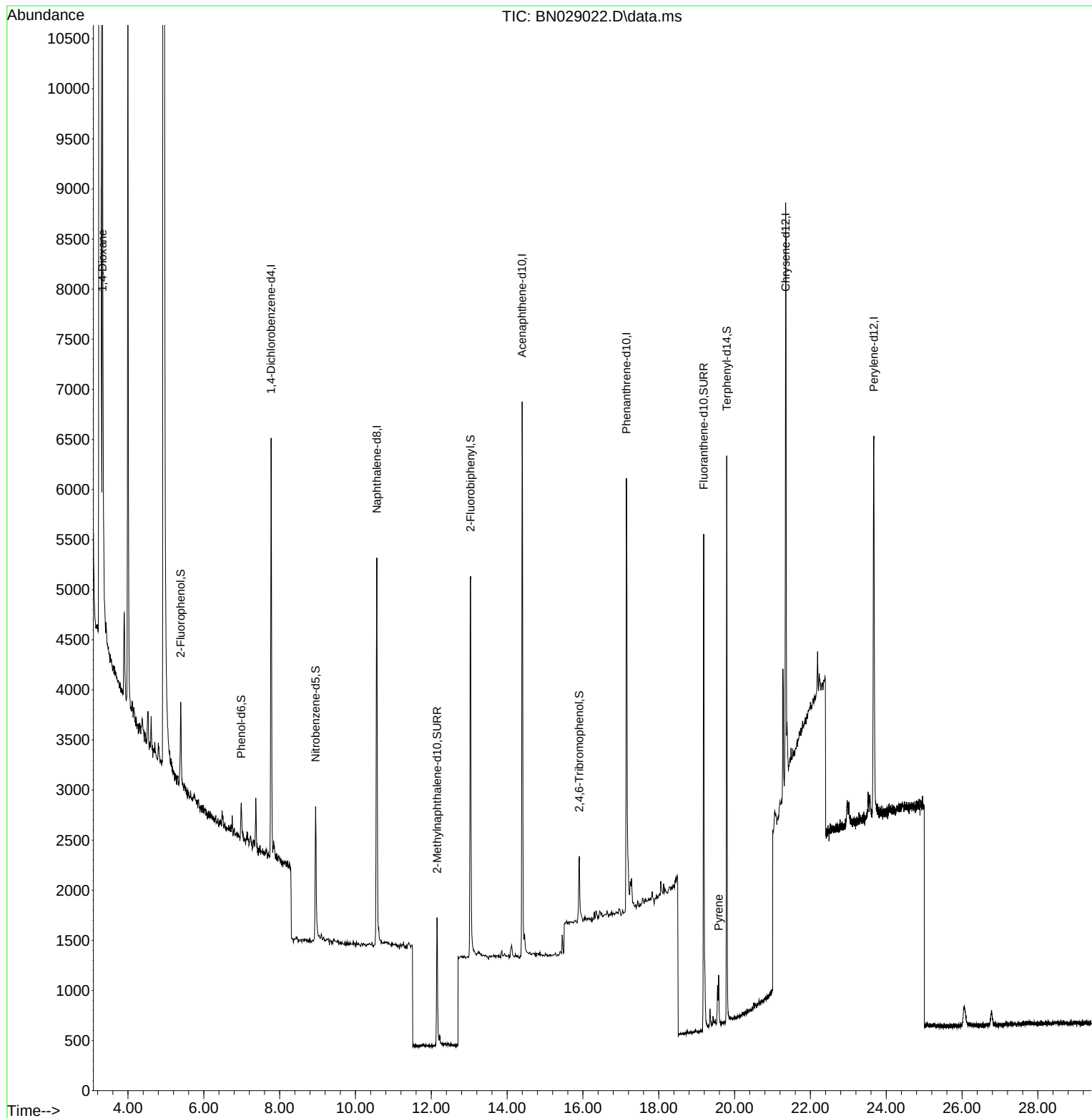
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1970	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5422	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3450	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7189	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5882	0.400	ng	# 0.00
35) Perylene-d12	23.672	264	5593	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	534	0.089	ng	0.00
5) Phenol-d6	6.988	99	342	0.052	ng	0.00
8) Nitrobenzene-d5	8.950	82	1327	0.246	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2002	0.230	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	512	0.220	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	3937	0.264	ng	0.00
27) Fluoranthene-d10	19.185	212	5899	0.312	ng	0.00
31) Terphenyl-d14	19.794	244	5607	0.358	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.326	88	4003	2.075	ng	# 88
30) Pyrene	19.580	202	412	0.103	ng	# 91

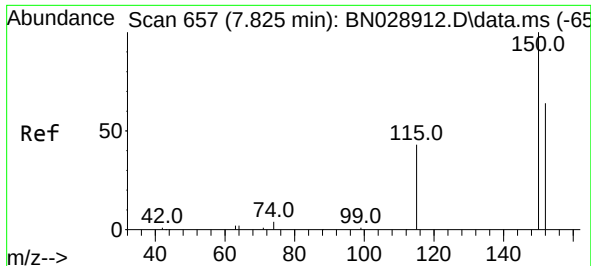
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
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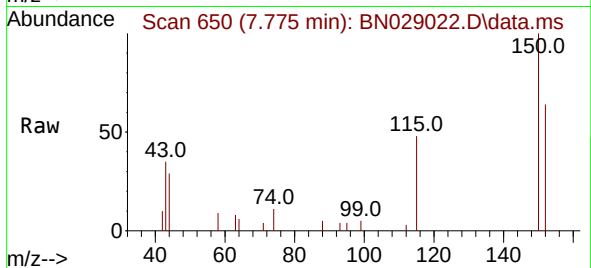
Quant Time: Dec 04 00:44:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration



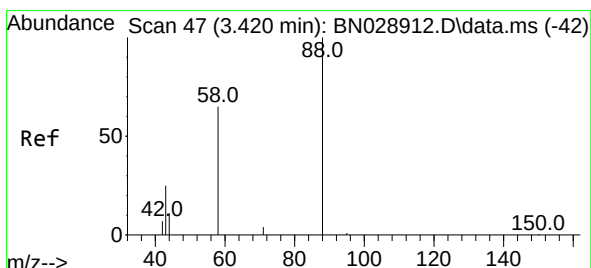
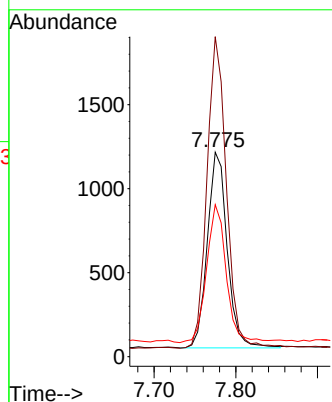
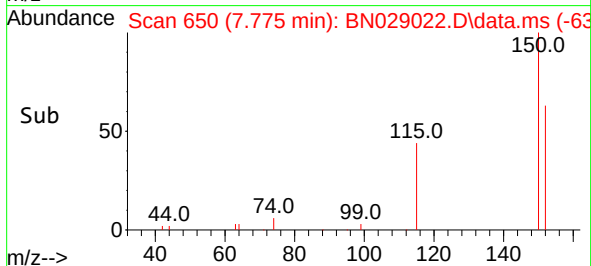


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029022.D
 Acq: 03 Dec 2023 15:44

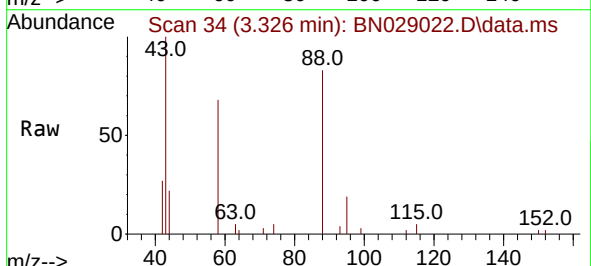
Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20231110



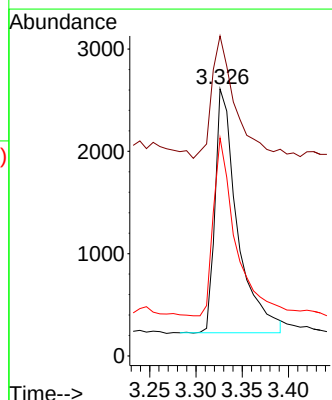
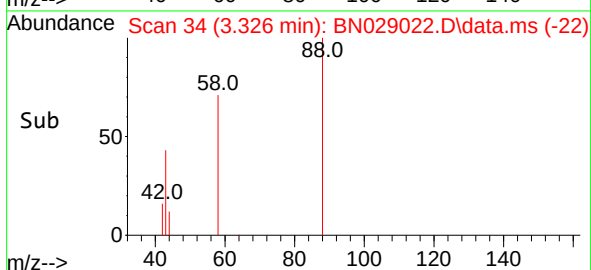
Tgt Ion:152 Resp: 1970
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.4 185.2
 115 74.4 59.1 88.7

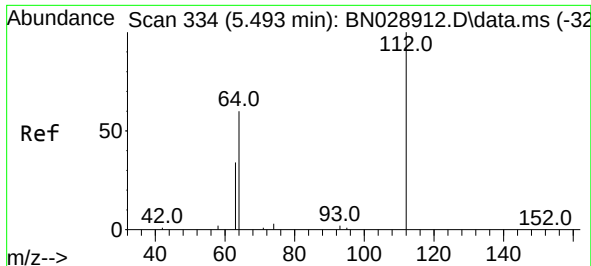


#2
 1,4-Dioxane
 Concen: 2.075 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.015 min
 Lab File: BN029022.D
 Acq: 03 Dec 2023 15:44



Tgt Ion: 88 Resp: 4003
 Ion Ratio Lower Upper
 88 100
 43 52.3 29.9 44.9#
 58 72.1 55.0 82.4

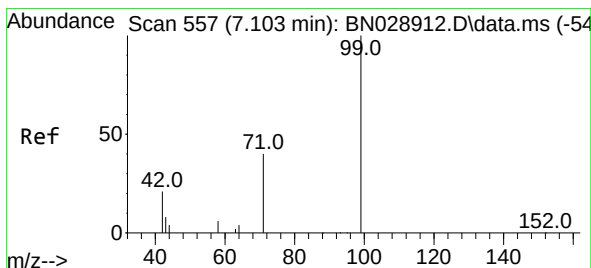
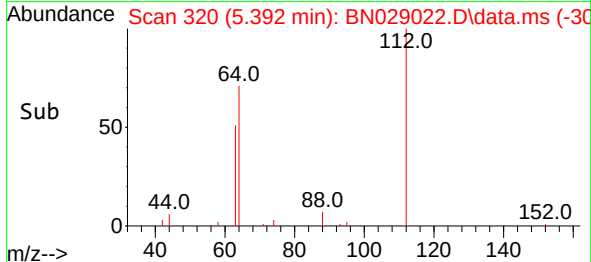
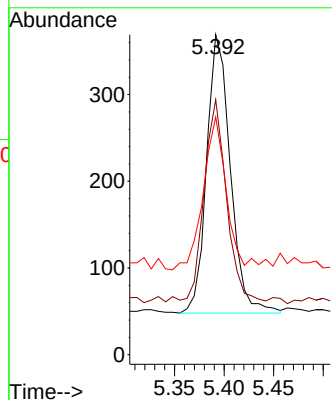
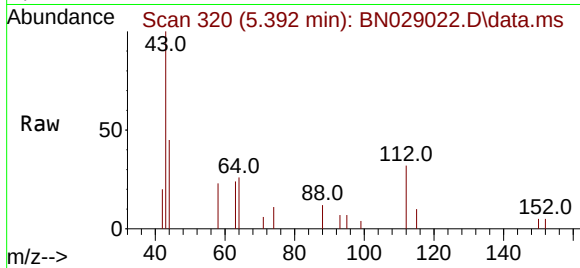




#4
2-Fluorophenol
Concen: 0.089 ng
RT: 5.392 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

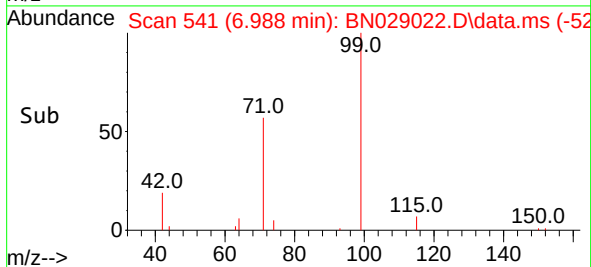
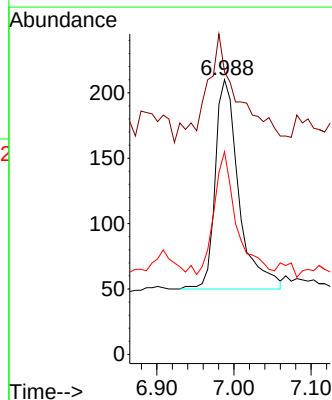
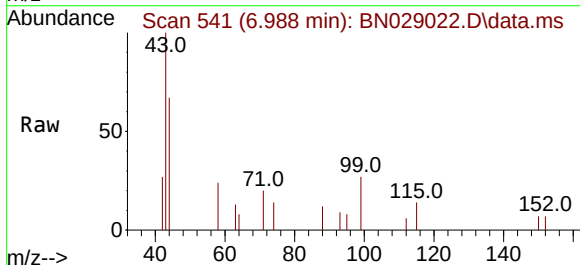
Instrument :
BNA_N
ClientSampleId :
RE122D1-20231110

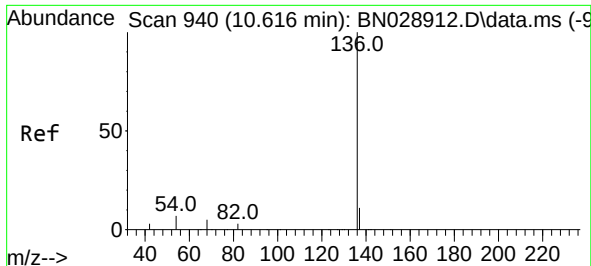
Tgt Ion:112 Resp: 534
Ion Ratio Lower Upper
112 100
64 68.0 51.5 77.3
63 53.6 30.4 45.6#



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Tgt Ion: 99 Resp: 342
Ion Ratio Lower Upper
99 100
42 69.0 21.2 31.8#
71 56.1 35.4 53.0#

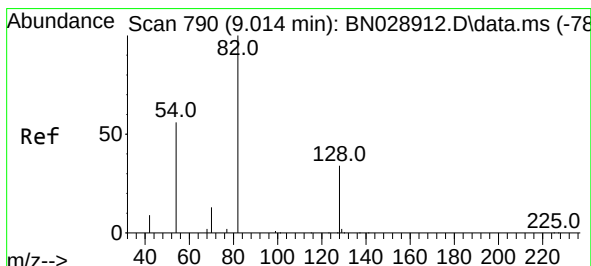
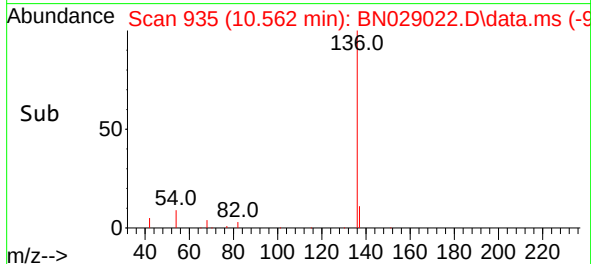
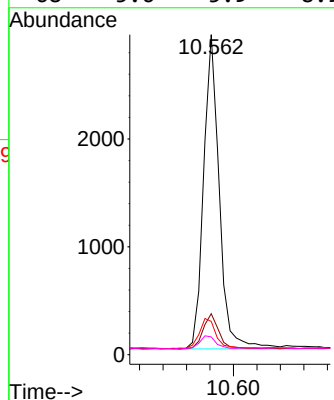
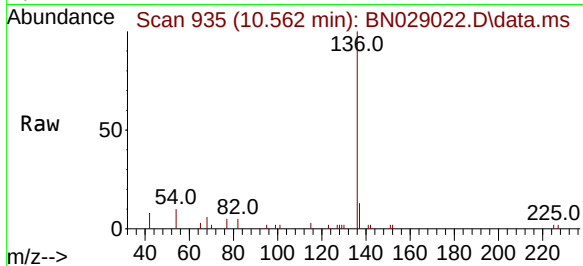




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

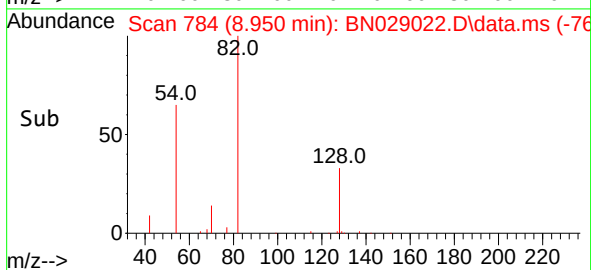
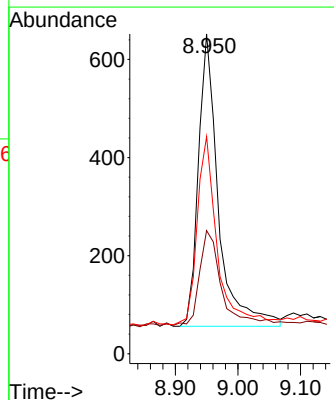
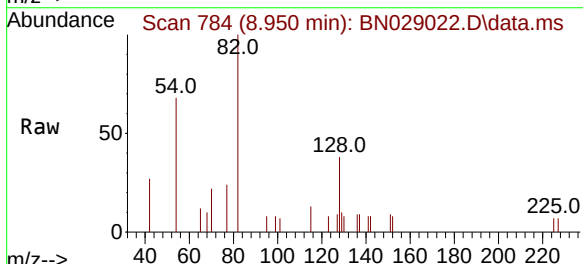
Instrument :
BNA_N
ClientSampleId :
RE122D1-20231110

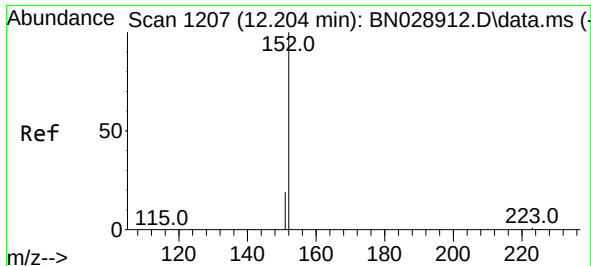
Tgt Ion:136	Resp:	5422
Ion Ratio	Lower	Upper
136	100	
137	12.8	10.6 16.0
54	10.4	7.5 11.3
68	5.6	5.9 8.9#



#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Tgt Ion: 82	Resp:	1327
Ion Ratio	Lower	Upper
82	100	
128	38.5	29.2 43.8
54	67.9	47.0 70.6

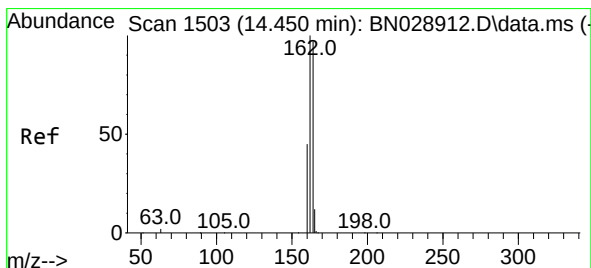
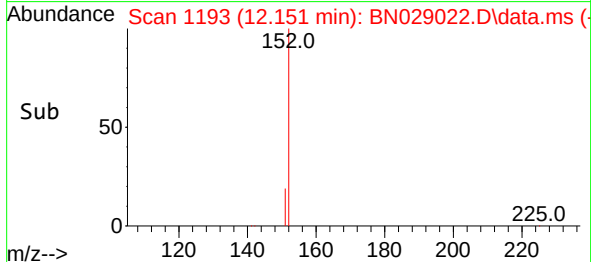
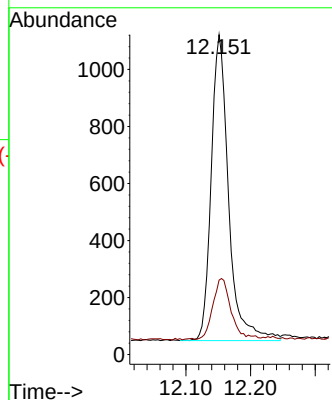
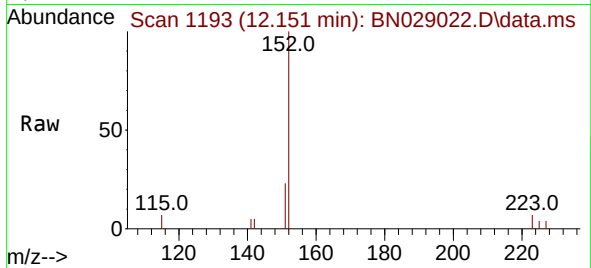




#11
2-Methylnaphthalene-d10
Concen: 0.230 ng
RT: 12.151 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

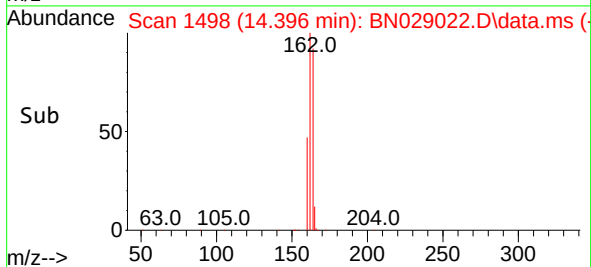
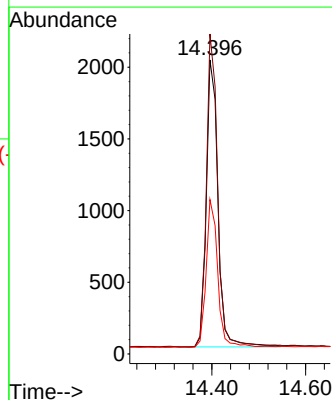
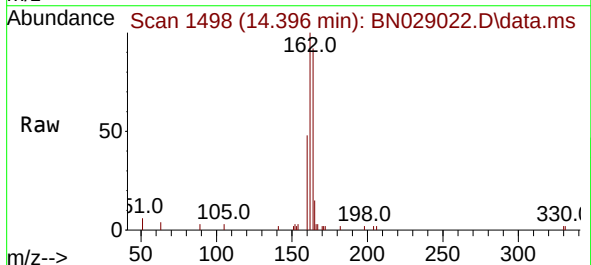
Instrument :
BNA_N
ClientSampleId :
RE122D1-20231110

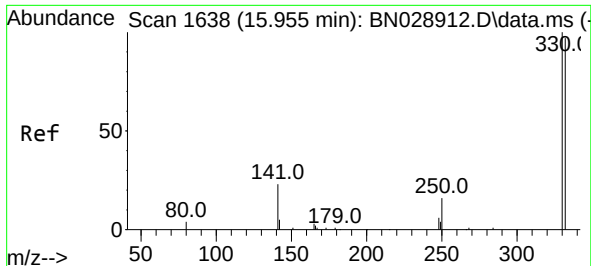
Tgt Ion:152 Resp: 2002
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. -0.011 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Tgt Ion:164 Resp: 3450
Ion Ratio Lower Upper
164 100
162 108.8 81.7 122.5
160 52.5 37.0 55.6

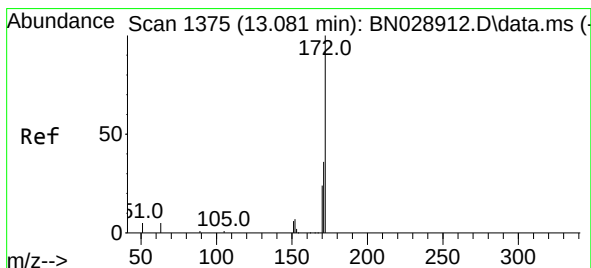
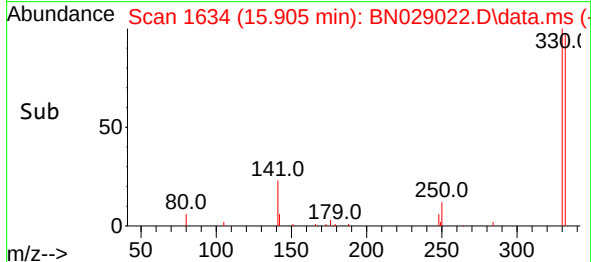
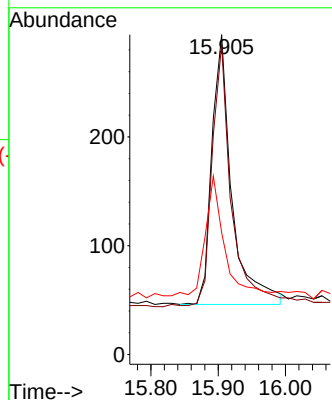
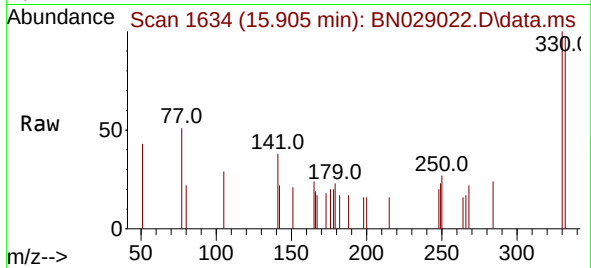




#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

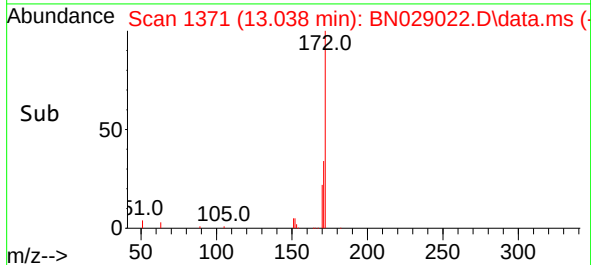
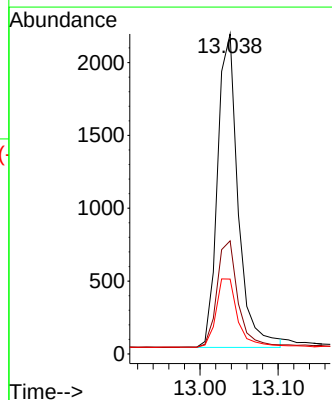
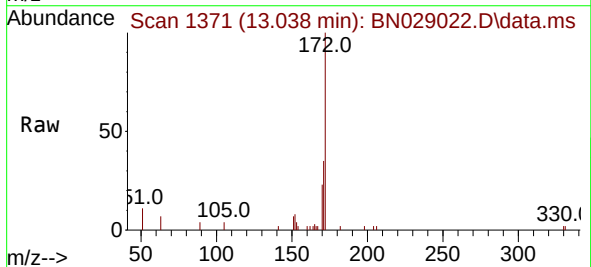
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ClientSampleId :
RE122D1-20231110

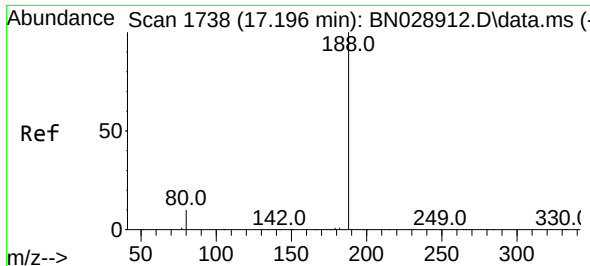
Tgt Ion:330 Resp: 512
Ion Ratio Lower Upper
330 100
332 94.9 75.4 113.2
141 41.6 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Tgt Ion:172 Resp: 3937
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.4
170 23.4 19.7 29.5

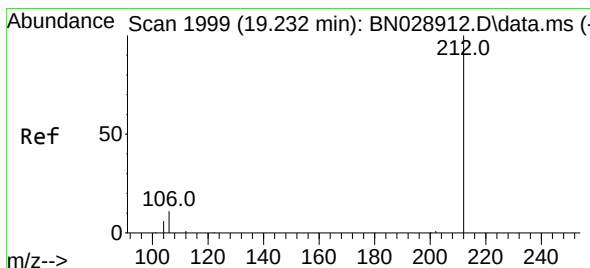
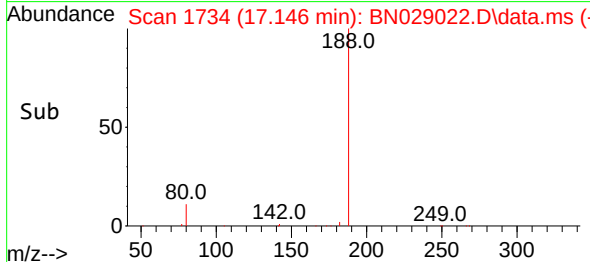
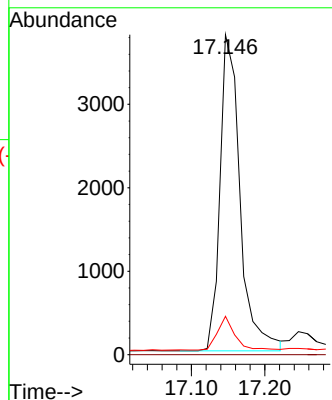
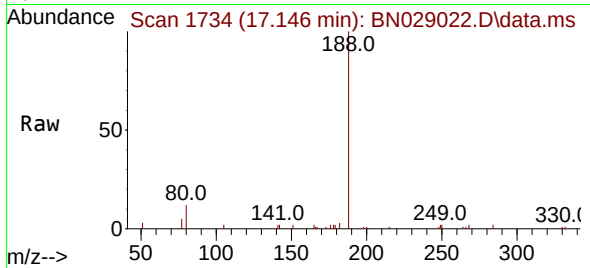




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

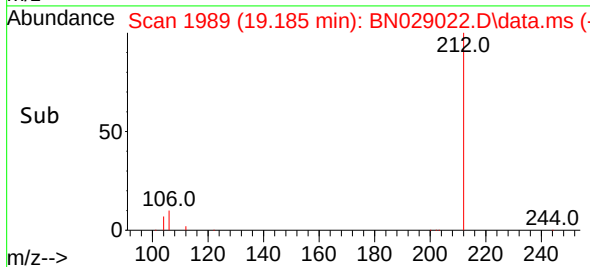
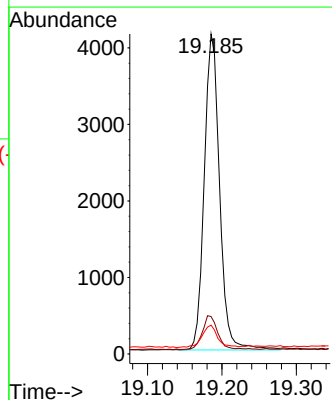
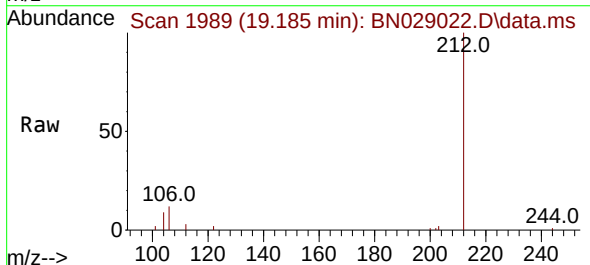
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BNA_N
ClientSampleId :
RE122D1-20231110

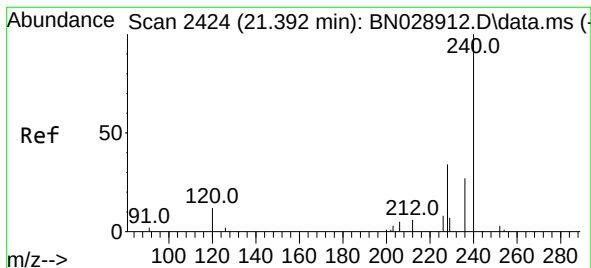
Tgt Ion:188 Resp: 7189
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.185 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Tgt Ion:212 Resp: 5899
Ion Ratio Lower Upper
212 100
106 10.4 9.4 14.2
104 7.2 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. -0.000 min

Lab File: BN029022.D

Acq: 03 Dec 2023 15:44

Instrument :

BNA_N

ClientSampleId :

RE122D1-20231110

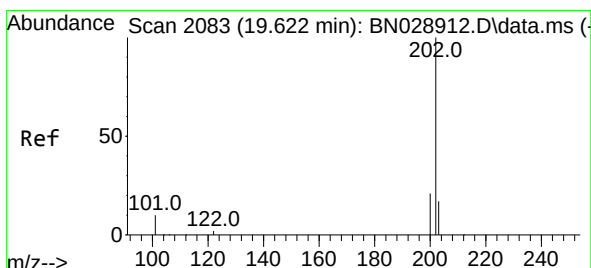
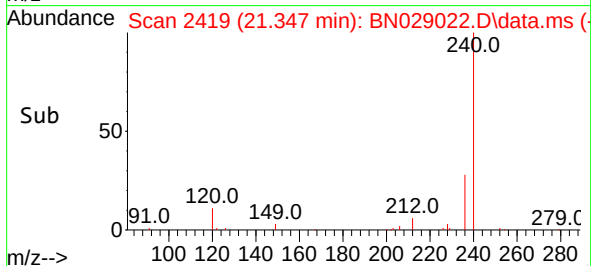
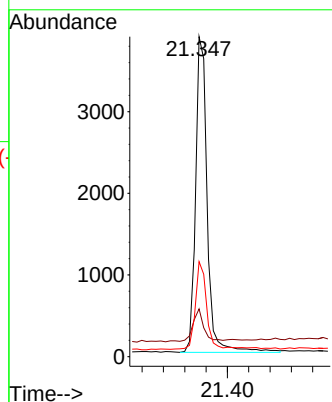
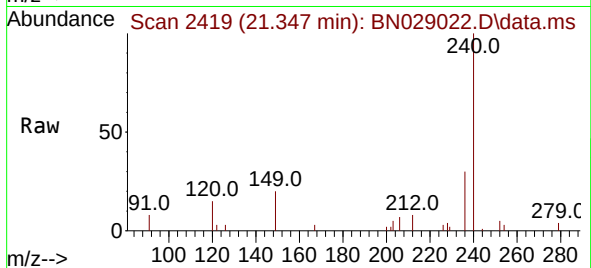
Tgt Ion:240 Resp: 5882

Ion Ratio Lower Upper

240 100

120 15.0 37.1 55.7#

236 29.7 32.4 48.6#



#30

Pyrene

Concen: 0.103 ng

RT: 19.580 min Scan# 2074

Delta R.T. -0.000 min

Lab File: BN029022.D

Acq: 03 Dec 2023 15:44

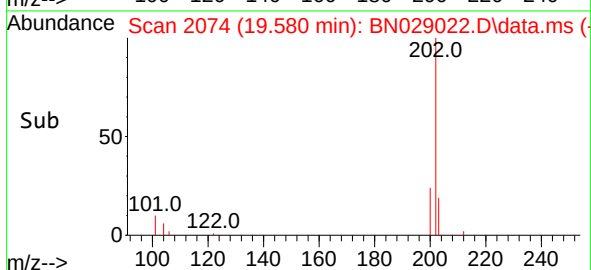
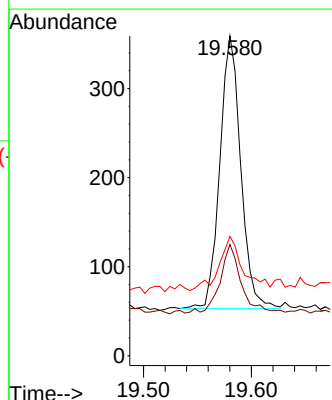
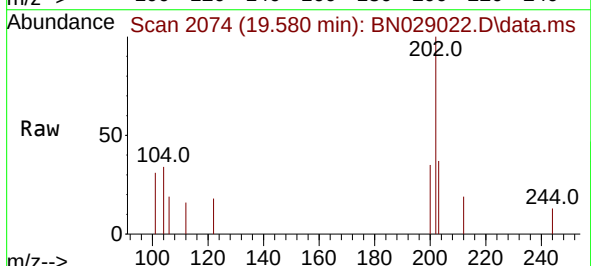
Tgt Ion:202 Resp: 412

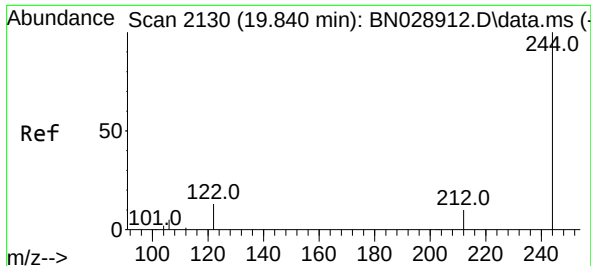
Ion Ratio Lower Upper

202 100

200 25.2 16.9 25.3

203 22.6 14.8 22.2#

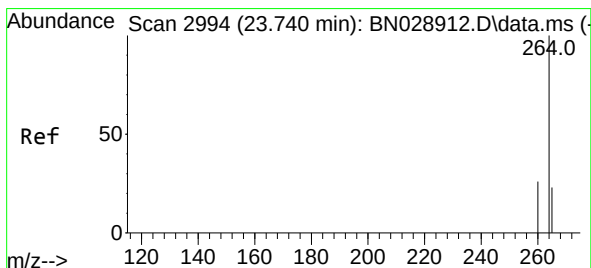
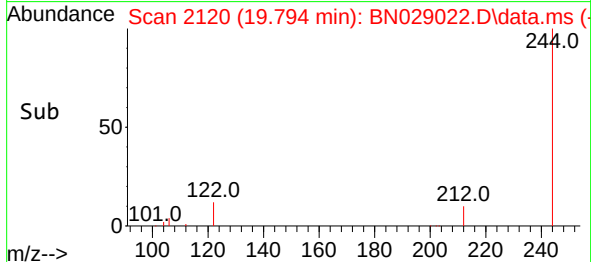
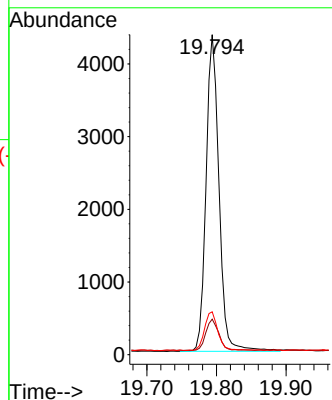
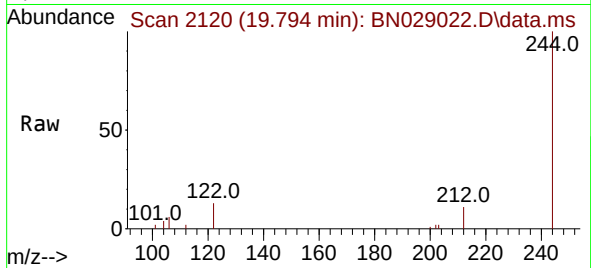




#31
 Terphenyl-d14
 Concen: 0.358 ng
 RT: 19.794 min Scan# 2110
 Delta R.T. -0.000 min
 Lab File: BN029022.D
 Acq: 03 Dec 2023 15:44

Instrument :
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 ClientSampleId :
 RE122D1-20231110

Tgt Ion:244 Resp: 5607
 Ion Ratio Lower Upper
 244 100
 212 11.1 11.5 17.3#
 122 13.4 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.672 min Scan# 2971
 Delta R.T. 0.003 min
 Lab File: BN029022.D
 Acq: 03 Dec 2023 15:44

Tgt Ion:264 Resp: 5593
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.6 30.8
 265 72.0 464.5 696.7#

