

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029021.D
 Acq On : 03 Dec 2023 15:08
 Operator : MA/JU
 Sample : 05404-29
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20231110

Quant Time: Dec 04 00:43:53 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)

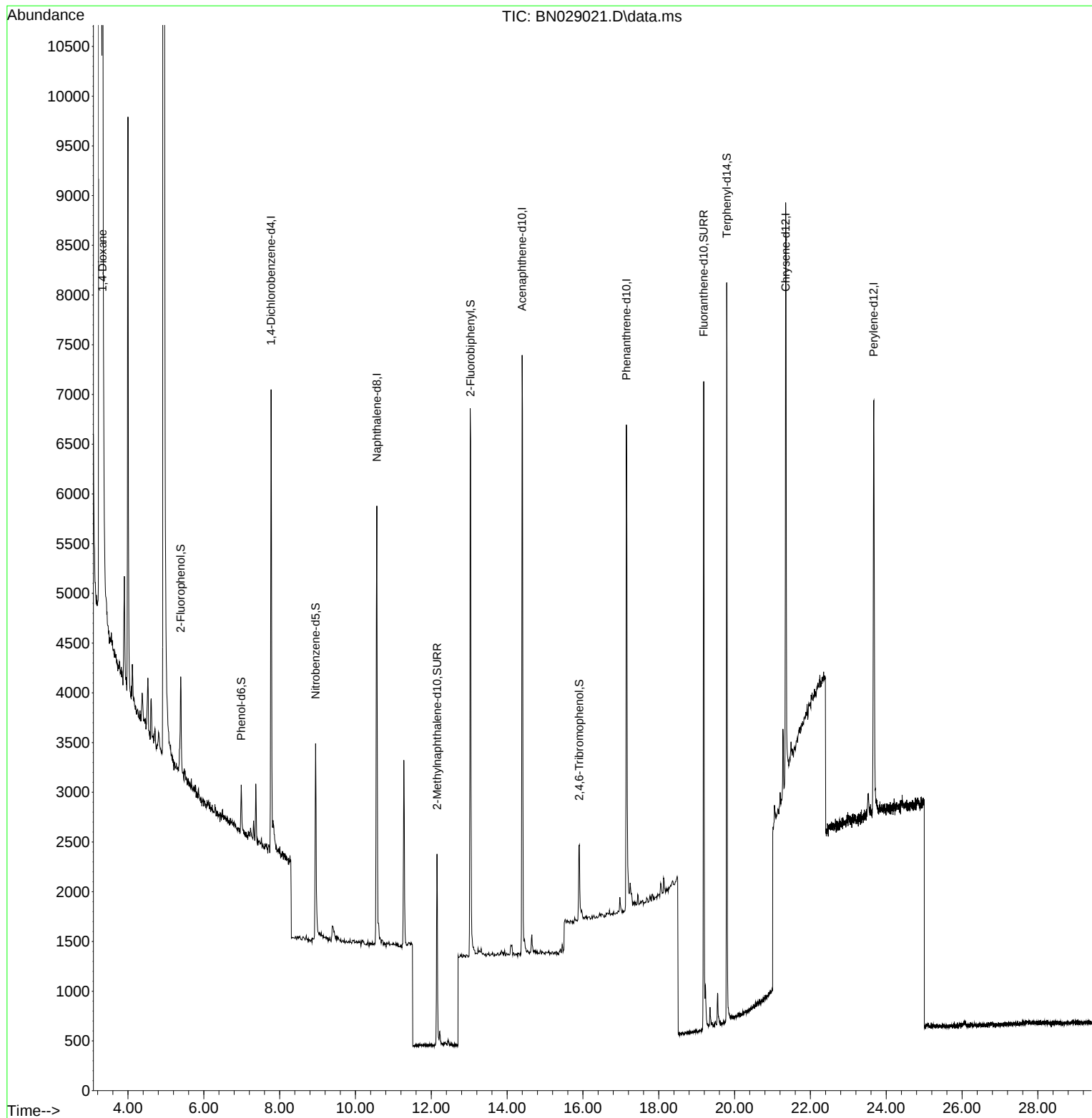
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2163	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	6084	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3768	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7948	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	6255	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	6087	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	648	0.099	ng	0.00
5) Phenol-d6	6.988	99	411	0.057	ng	0.00
8) Nitrobenzene-d5	8.950	82	1831	0.303	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2787	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	594	0.233	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	5255	0.323	ng	0.00
27) Fluoranthene-d10	19.185	212	7821	0.374	ng	0.00
31) Terphenyl-d14	19.794	244	7346	0.408	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.326	88	8399	3.965	ng	# 93

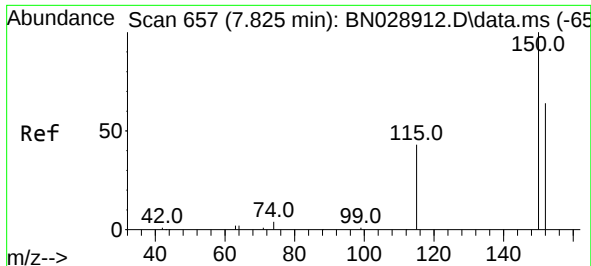
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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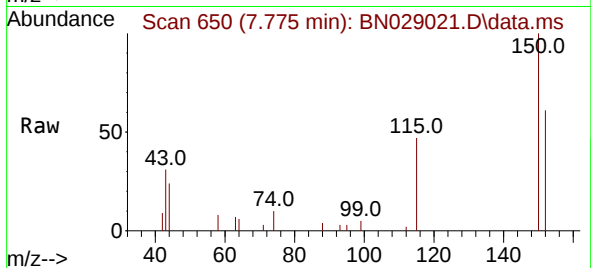
Quant Time: Dec 04 00:43:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
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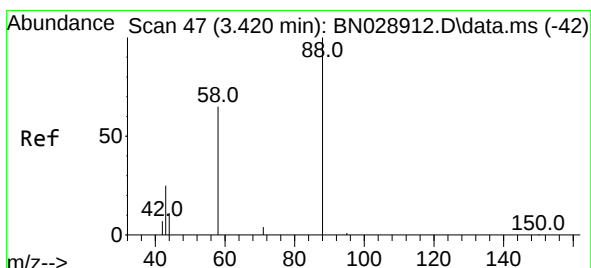
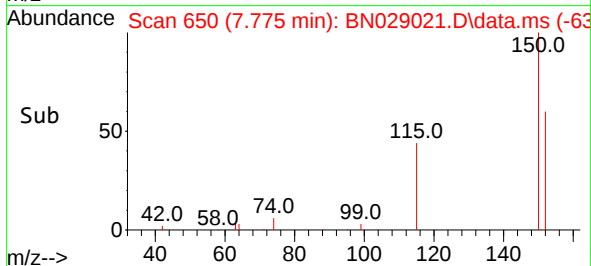
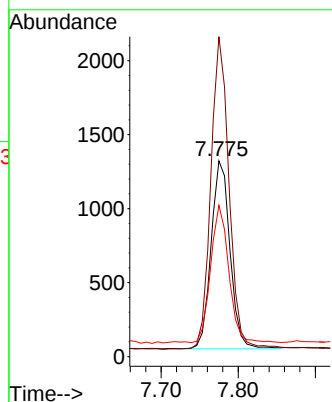
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029021.D
 Acq: 03 Dec 2023 15:08

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20231110



Tgt Ion:152 Resp: 2163

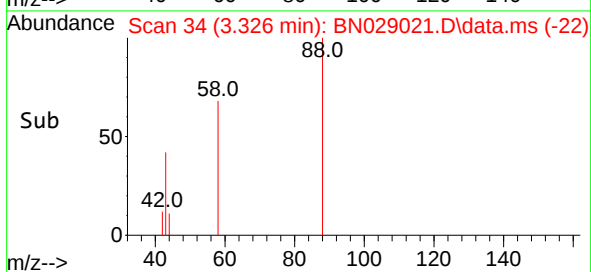
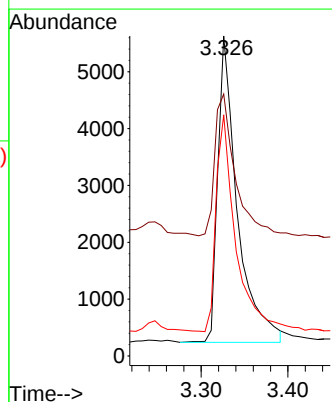
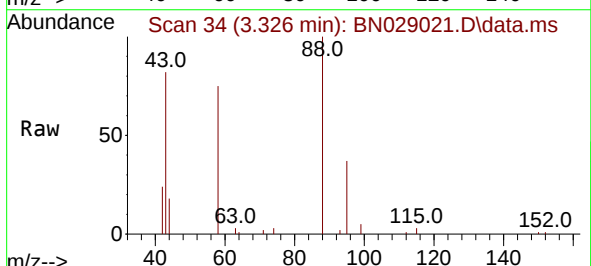
Ion	Ratio	Lower	Upper
152	100		
150	163.4	123.4	185.2
115	77.3	59.1	88.7

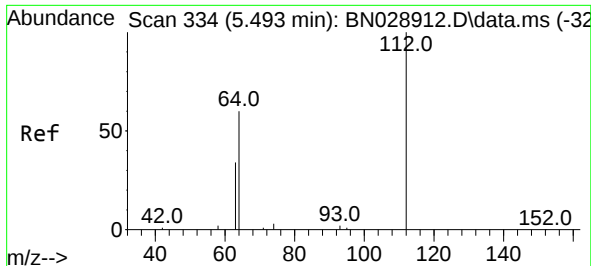


#2
 1,4-Dioxane
 Concen: 3.965 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.015 min
 Lab File: BN029021.D
 Acq: 03 Dec 2023 15:08

Tgt Ion: 88 Resp: 8399

Ion	Ratio	Lower	Upper
88	100		
43	48.0	29.9	44.9
58	69.9	55.0	82.4





#4

2-Fluorophenol

Concen: 0.099 ng

RT: 5.392 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN029021.D

Acq: 03 Dec 2023 15:08

Instrument :

BNA_N

ClientSampleId :

RE103D1-20231110

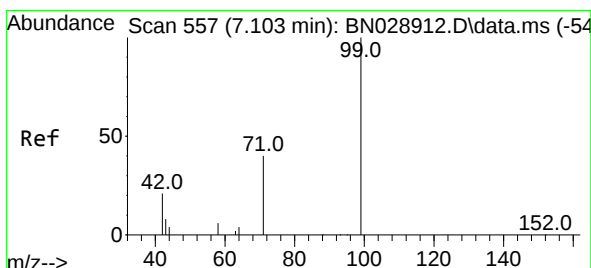
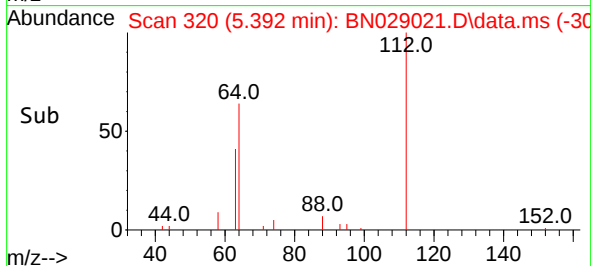
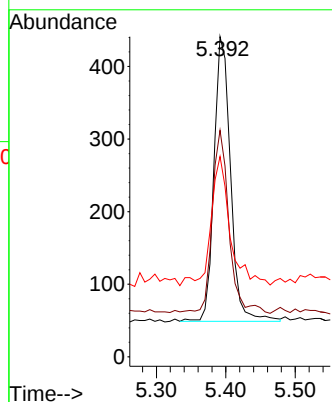
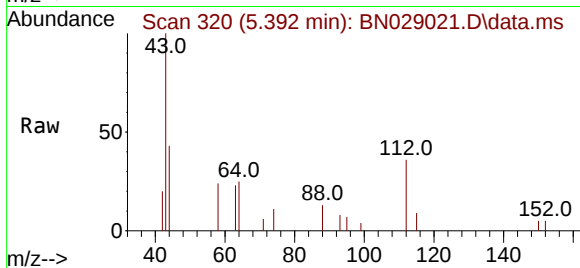
Tgt Ion:112 Resp: 648

Ion Ratio Lower Upper

112 100

64 65.7 51.5 77.3

63 49.7 30.4 45.6#



#5

Phenol-d6

Concen: 0.057 ng

RT: 6.988 min Scan# 541

Delta R.T. -0.000 min

Lab File: BN029021.D

Acq: 03 Dec 2023 15:08

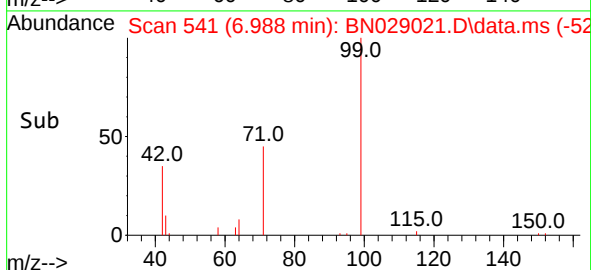
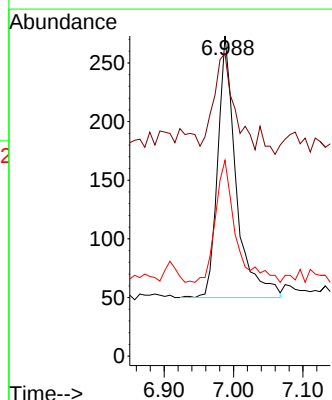
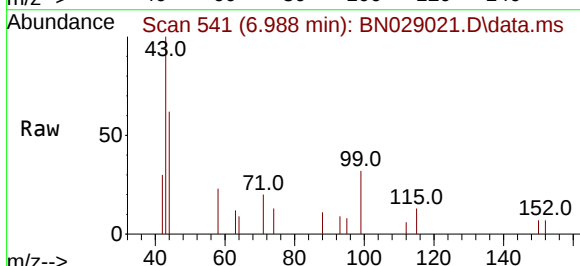
Tgt Ion: 99 Resp: 411

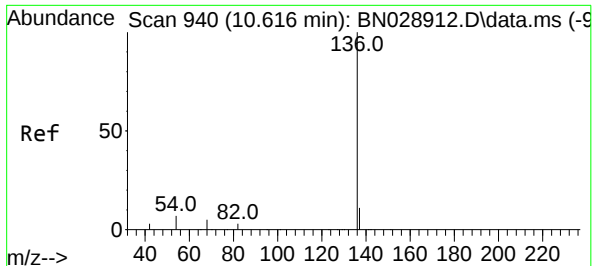
Ion Ratio Lower Upper

99 100

42 39.7 21.2 31.8#

71 50.6 35.4 53.0

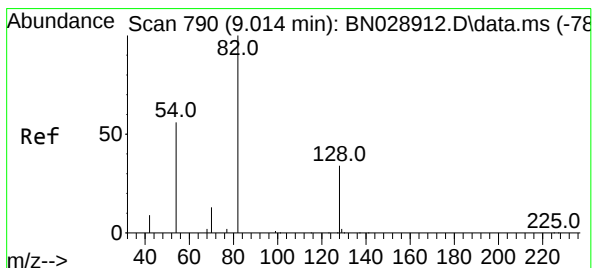
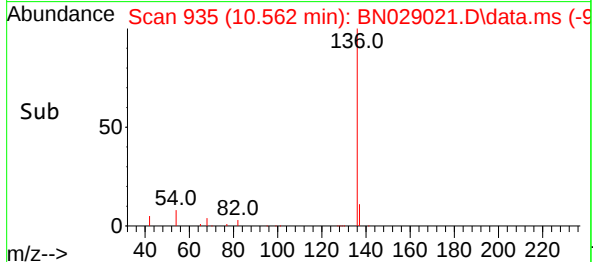
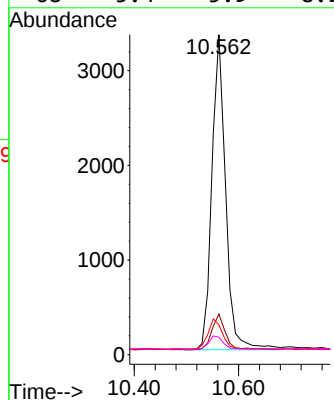
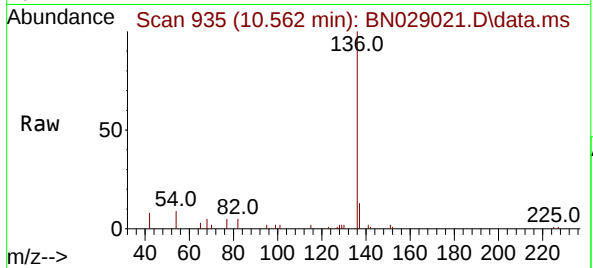




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

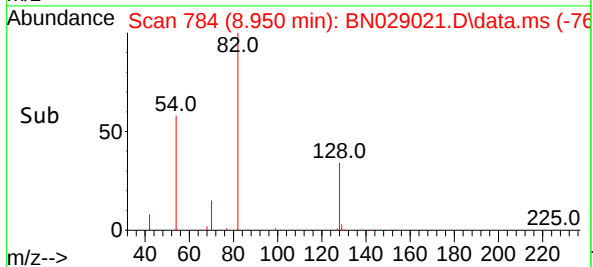
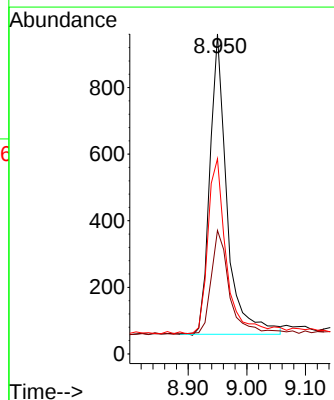
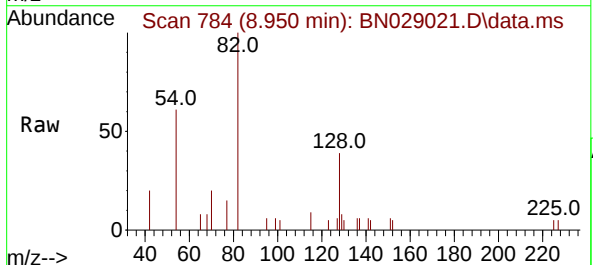
Instrument :
BNA_N
ClientSampleId :
RE103D1-20231110

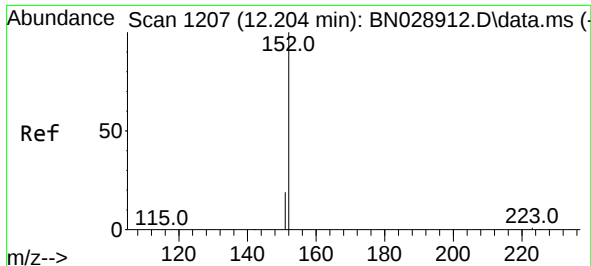
Tgt Ion:	136	Resp:	6084
Ion Ratio	Lower	Upper	
136	100		
137	12.7	10.6	16.0
54	9.3	7.5	11.3
68	5.4	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

Tgt Ion:	82	Resp:	1831
Ion Ratio	Lower	Upper	
82	100		
128	38.6	29.2	43.8
54	61.0	47.0	70.6





#11

2-Methylnaphthalene-d10

Concen: 0.285 ng

RT: 12.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029021.D

Acq: 03 Dec 2023 15:08

Instrument :

BNA_N

ClientSampleId :

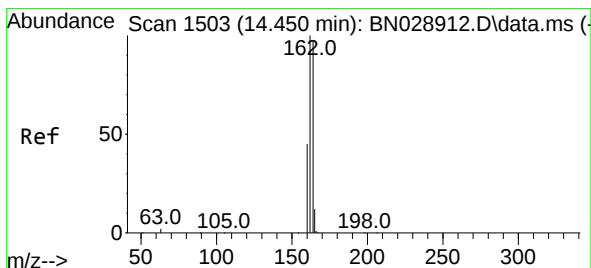
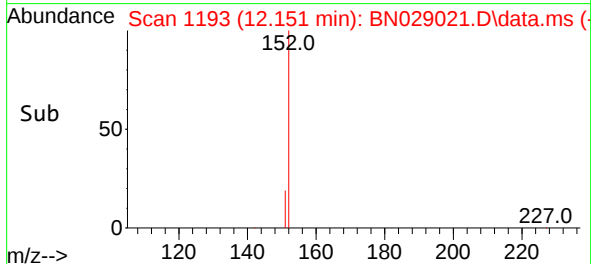
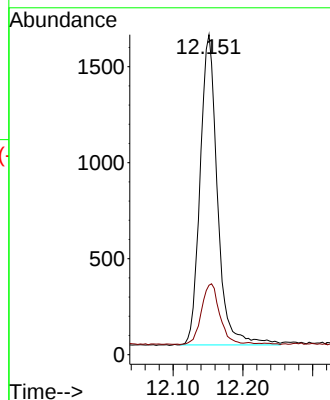
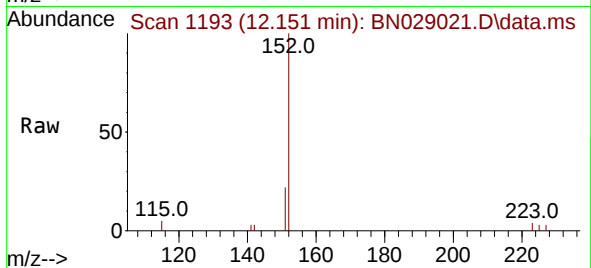
RE103D1-20231110

Tgt Ion:152 Resp: 2787

Ion Ratio Lower Upper

152 100

151 20.6 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: BN029021.D

Acq: 03 Dec 2023 15:08

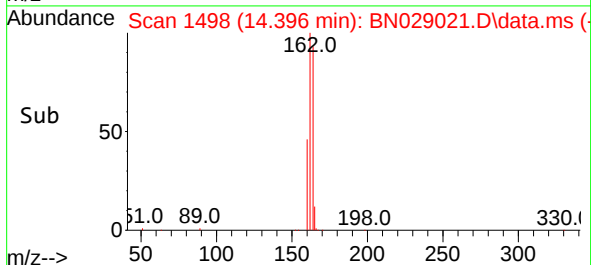
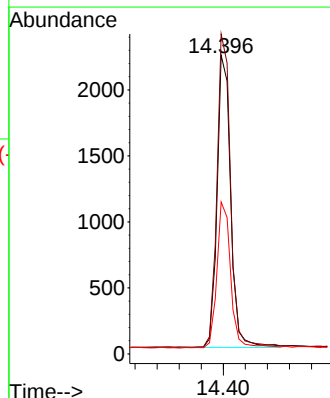
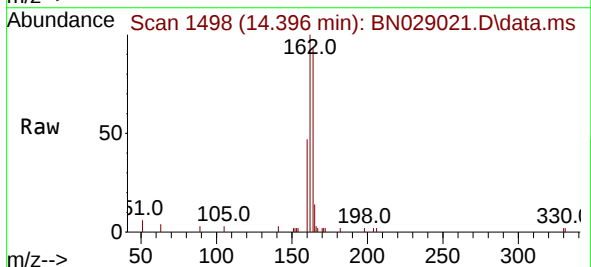
Tgt Ion:164 Resp: 3768

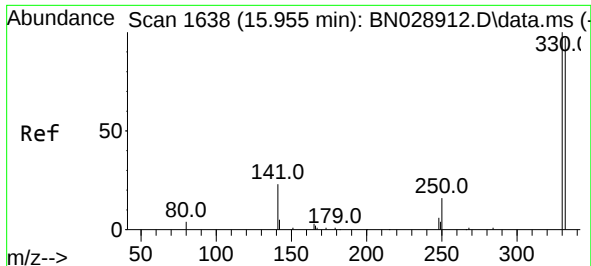
Ion Ratio Lower Upper

164 100

162 107.1 81.7 122.5

160 50.9 37.0 55.6

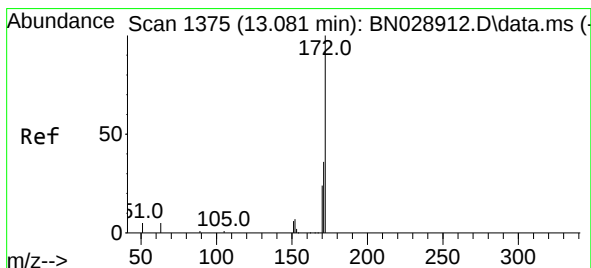
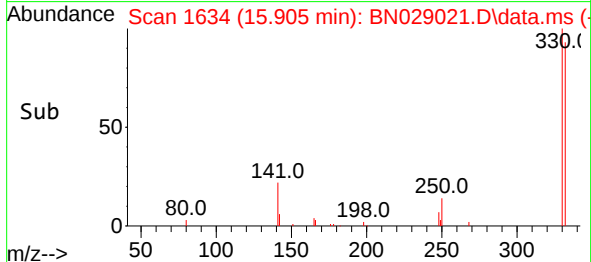
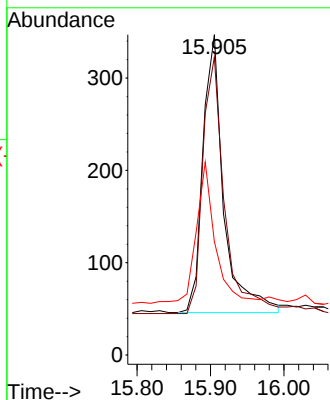
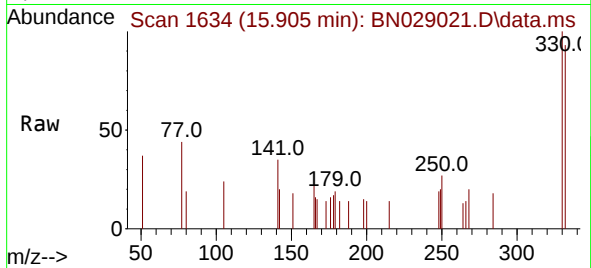




#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.905 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

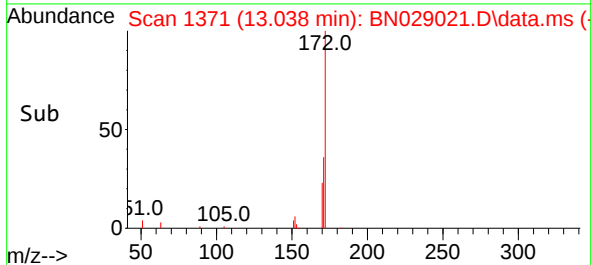
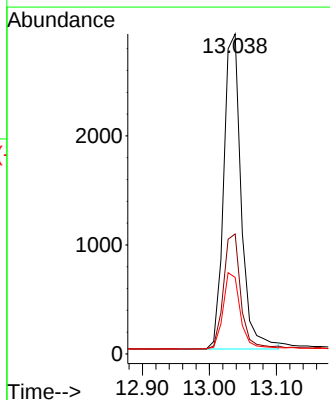
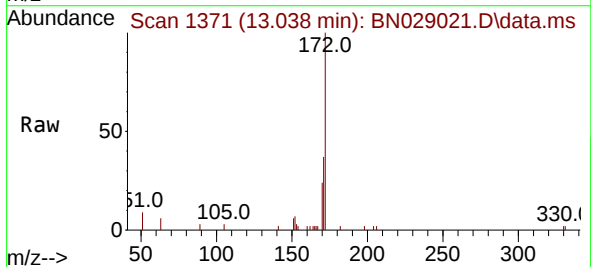
Instrument :
BNA_N
ClientSampleId :
RE103D1-20231110

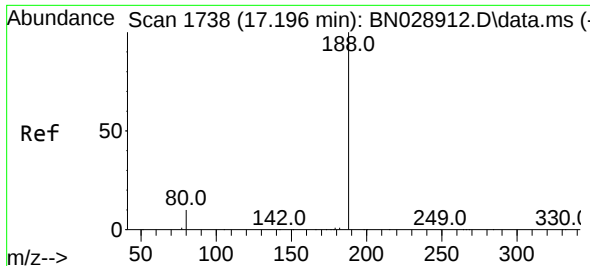
Tgt Ion:330 Resp: 594
Ion Ratio Lower Upper
330 100
332 96.5 75.4 113.2
141 46.1 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

Tgt Ion:172 Resp: 5255
Ion Ratio Lower Upper
172 100
171 37.5 29.0 43.4
170 23.9 19.7 29.5

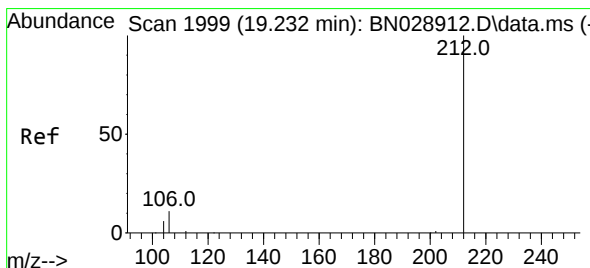
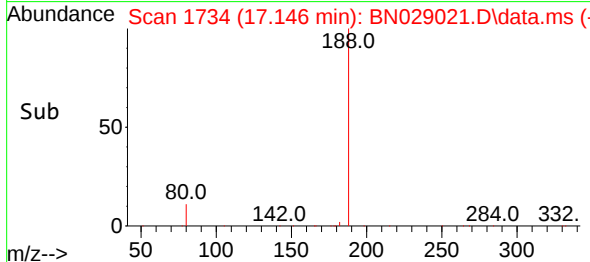
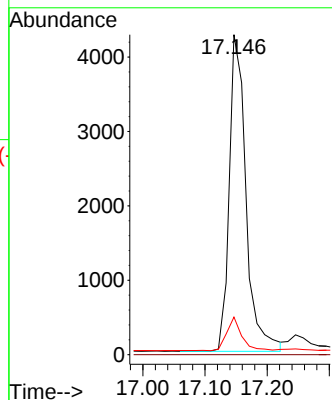
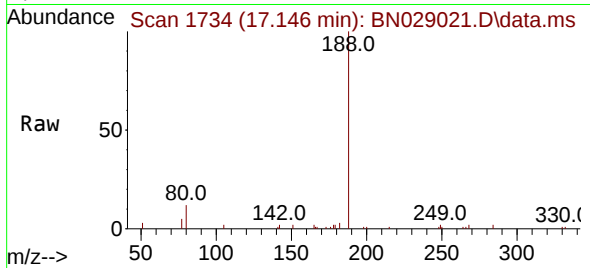




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

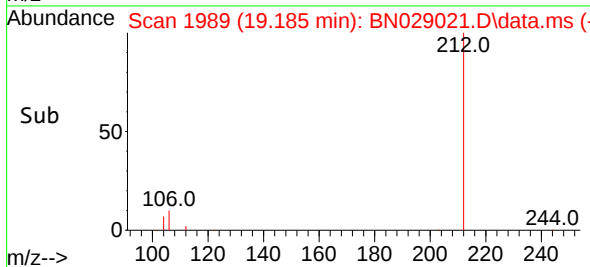
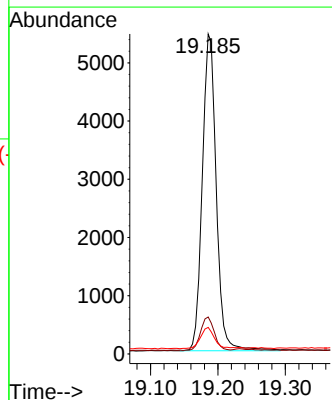
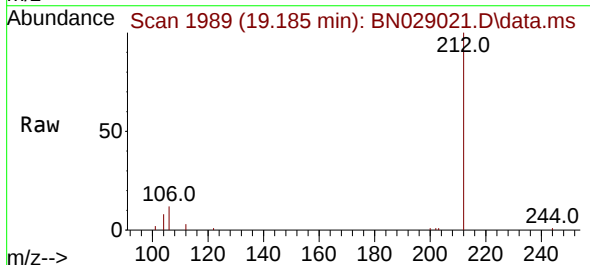
Instrument :
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RE103D1-20231110

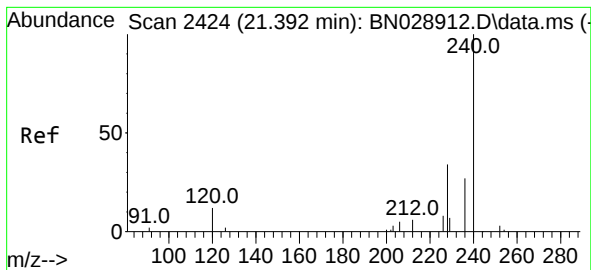
Tgt Ion:188 Resp: 7948
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.185 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

Tgt Ion:212 Resp: 7821
Ion Ratio Lower Upper
212 100
106 10.3 9.4 14.2
104 6.9 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BN029021.D

Acq: 03 Dec 2023 15:08

Instrument :

BNA_N

ClientSampleId :

RE103D1-20231110

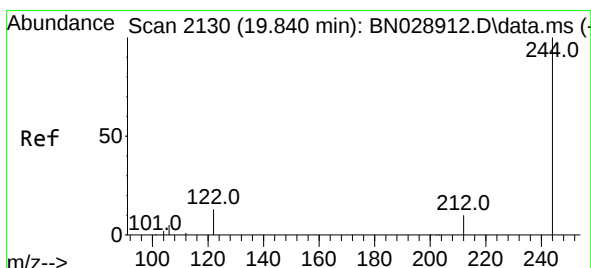
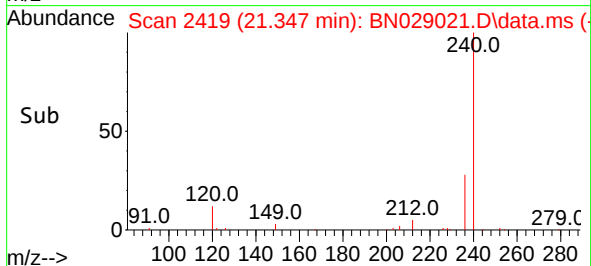
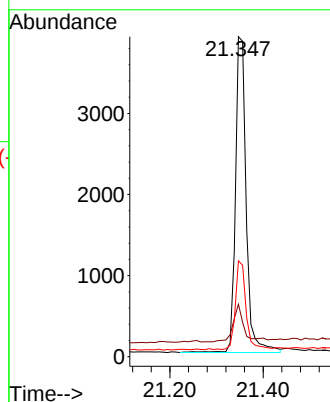
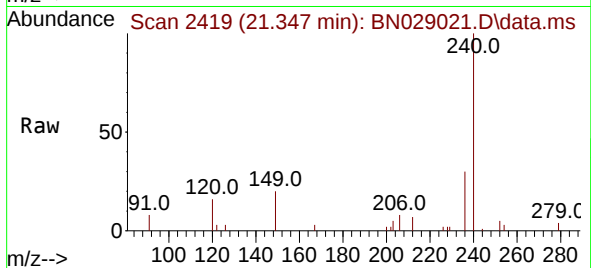
Tgt Ion:240 Resp: 6255

Ion Ratio Lower Upper

240 100

120 16.4 37.1 55.7#

236 30.0 32.4 48.6#



#31

Terphenyl-d14

Concen: 0.408 ng

RT: 19.794 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BN029021.D

Acq: 03 Dec 2023 15:08

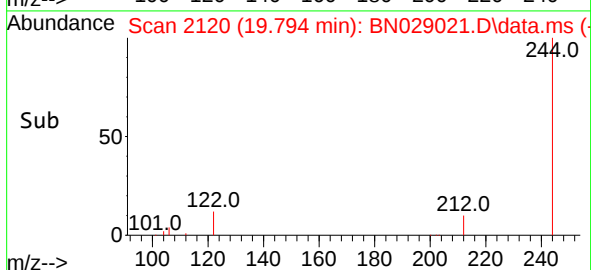
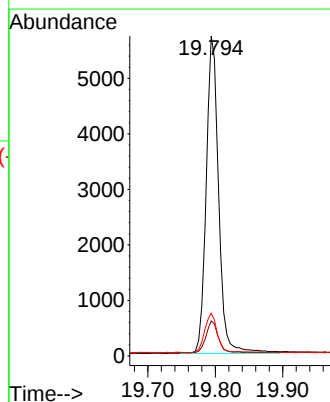
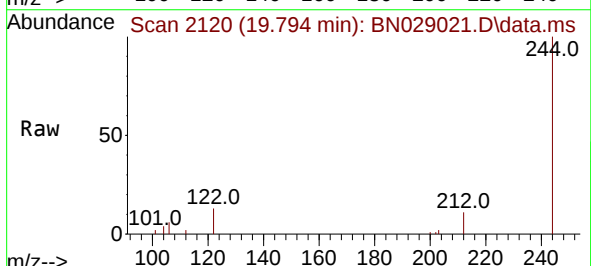
Tgt Ion:244 Resp: 7346

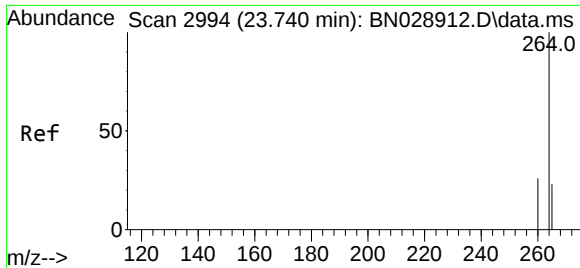
Ion Ratio Lower Upper

244 100

212 10.9 11.5 17.3#

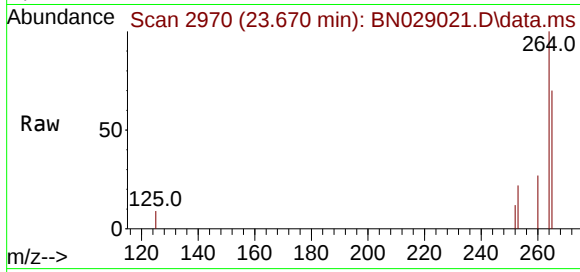
122 13.3 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.670 min Scan# 2994
 Delta R.T. -0.000 min
 Lab File: BN029021.D
 Acq: 03 Dec 2023 15:08

Instrument :
 BNA_N
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 RE103D1-20231110



Tgt Ion:264 Resp: 6087
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.6 30.8
 265 70.4 464.5 696.7#

