

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028996.D
 Acq On : 02 Dec 2023 22:59
 Operator : MA/JU
 Sample : 05404-16
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20231109

Quant Time: Dec 03 08:16:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

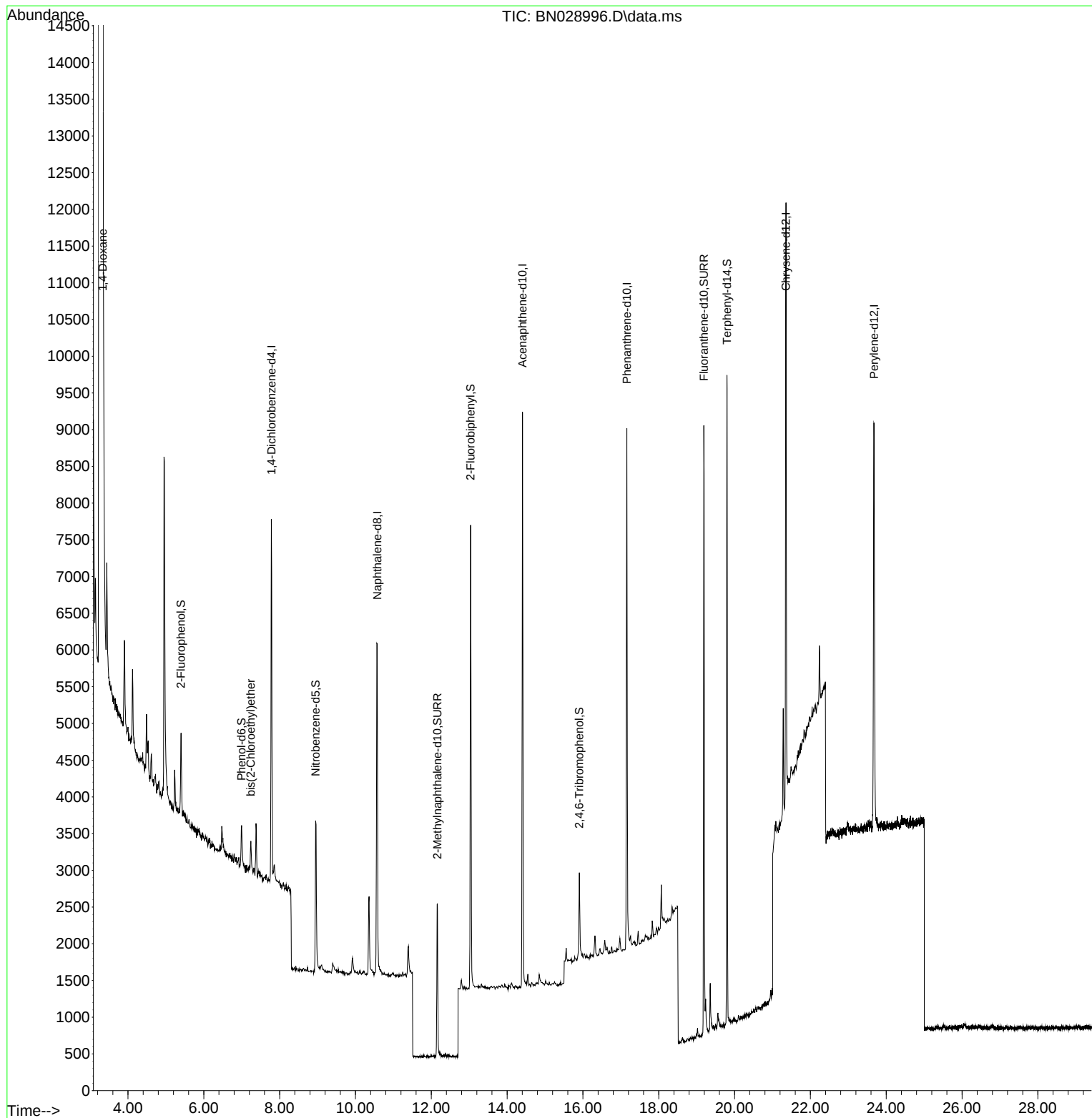
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	2306	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	6659	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	4309	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	9765	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	7861	0.400	ng	#-0.02
35) Perylene-d12	23.678	264	7759	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	760	0.109	ng	-0.01
5) Phenol-d6	6.995	99	549	0.071	ng	-0.01
8) Nitrobenzene-d5	8.950	82	2056	0.311	ng	-0.02
11) 2-Methylnaphthalene-d10	12.159	152	3033	0.284	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	750	0.258	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	5476	0.294	ng	-0.01
27) Fluoranthene-d10	19.190	212	9490	0.369	ng	-0.02
31) Terphenyl-d14	19.803	244	8786	0.395	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.333	88	4760	2.108	ng	# 91
6) bis(2-Chloroethyl)ether	7.240	93	347	0.053	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028996.D
Acq On : 02 Dec 2023 22:59
Operator : MA/JU
Sample : 05404-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE108D2-20231109

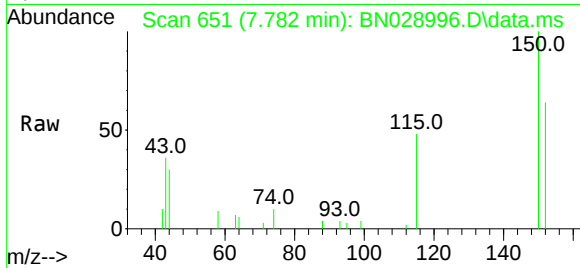
Quant Time: Dec 03 08:16:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



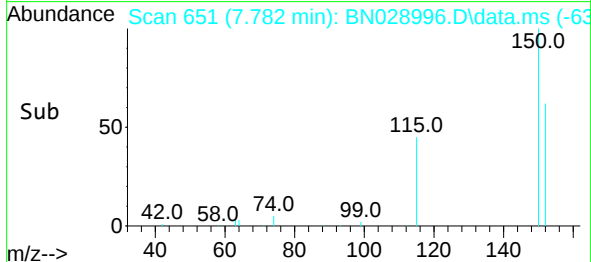
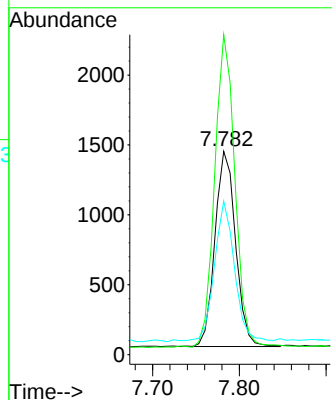


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN028996.D
 Acq: 02 Dec 2023 22:59

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20231109

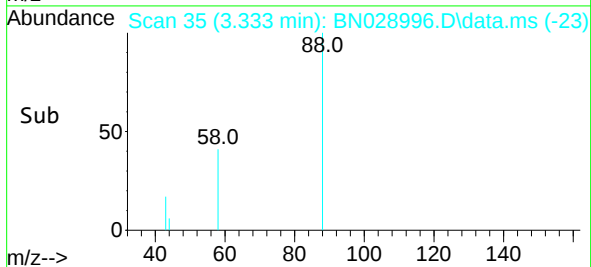
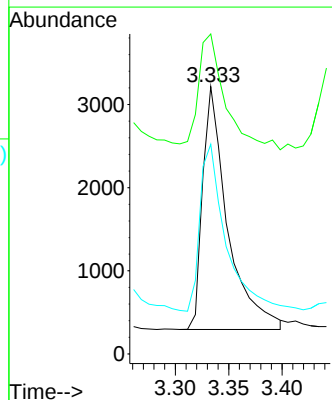
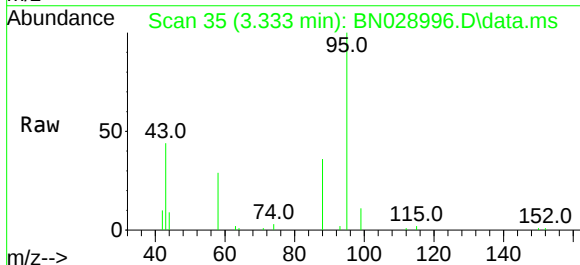


Tgt Ion:152 Resp: 2306
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.4 185.2
 115 75.4 59.1 88.7



#2
 1,4-Dioxane
 Concen: 2.108 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.015 min
 Lab File: BN028996.D
 Acq: 02 Dec 2023 22:59

Tgt Ion: 88 Resp: 4760
 Ion Ratio Lower Upper
 88 100
 43 51.2 29.9 44.9#
 58 70.2 55.0 82.4

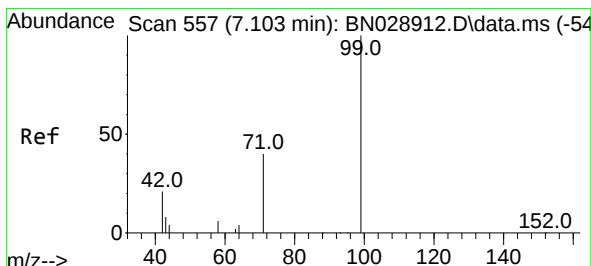
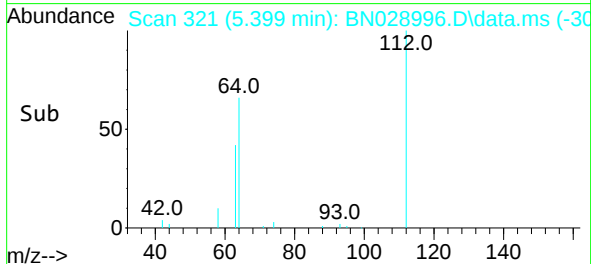
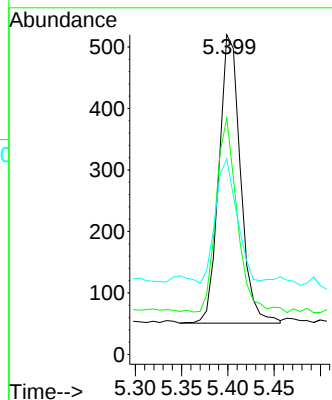
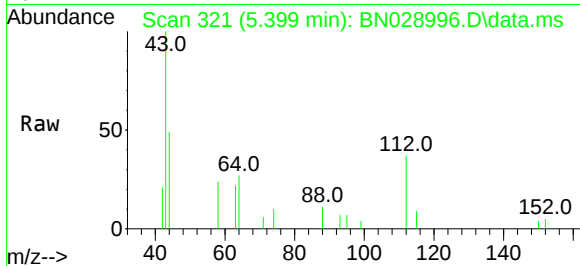




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.399 min Scan# 311
Delta R.T. -0.015 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

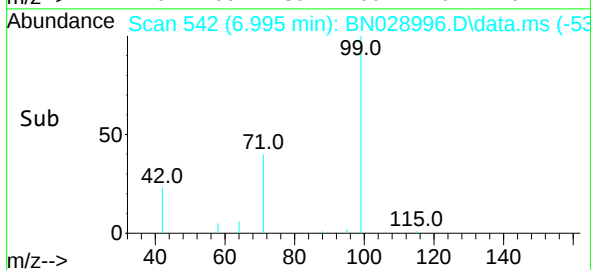
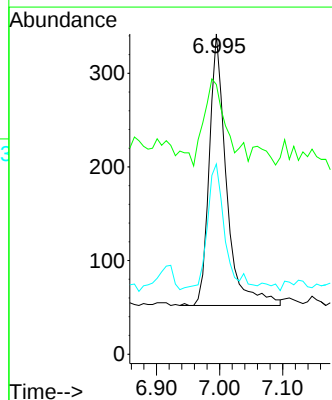
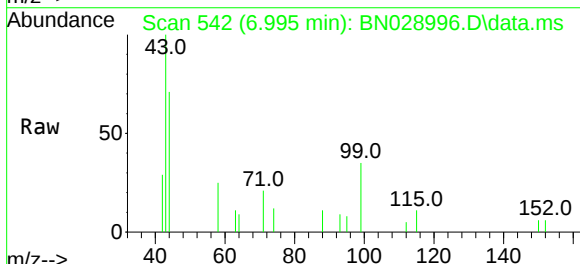
Instrument :
BNA_N
ClientSampleId :
RE108D2-20231109

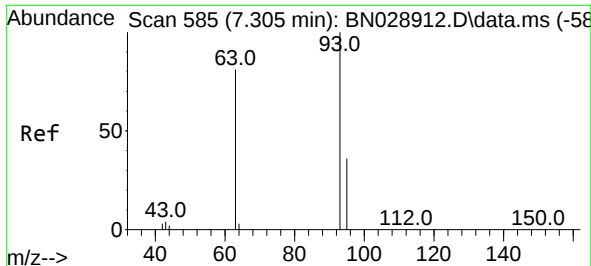
Tgt Ion:112 Resp: 760
Ion Ratio Lower Upper
112 100
64 66.3 51.5 77.3
63 43.0 30.4 45.6



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.995 min Scan# 542
Delta R.T. -0.015 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion: 99 Resp: 549
Ion Ratio Lower Upper
99 100
42 41.0 21.2 31.8#
71 44.8 35.4 53.0

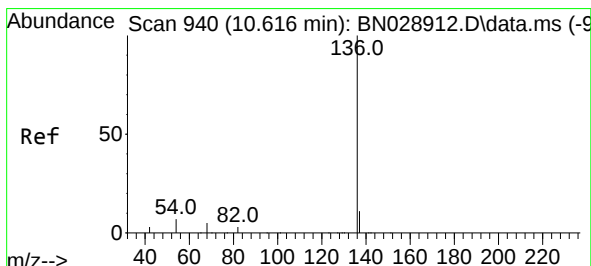
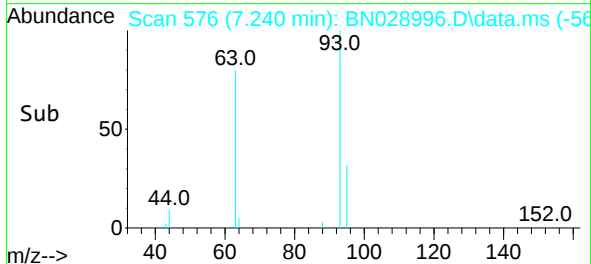
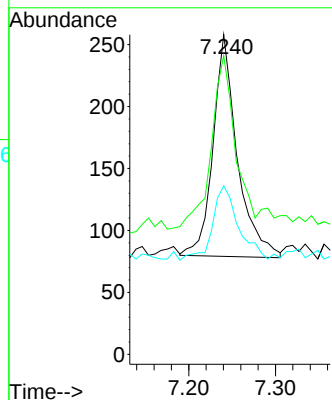
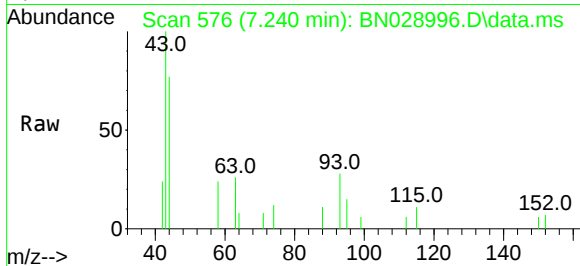




#6
bis(2-Chloroethyl)ether
Concen: 0.053 ng
RT: 7.240 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

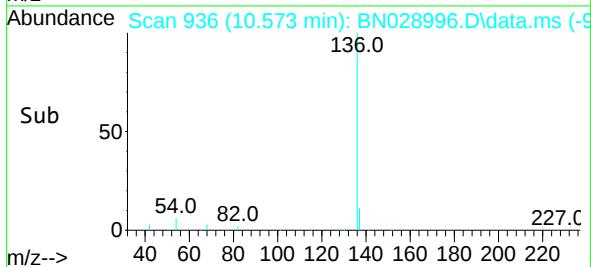
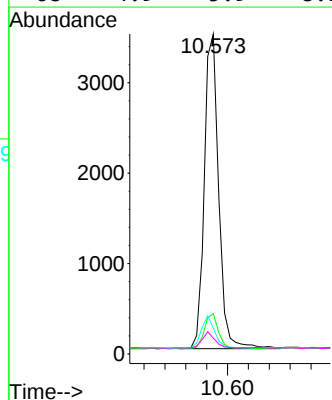
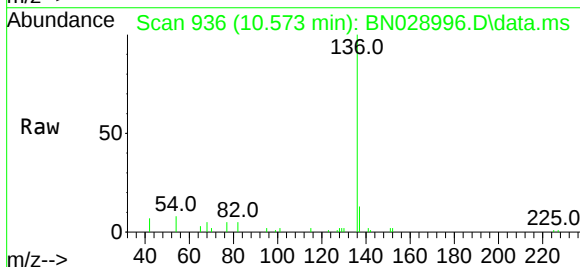
Instrument :
BNA_N
ClientSampleId :
RE108D2-20231109

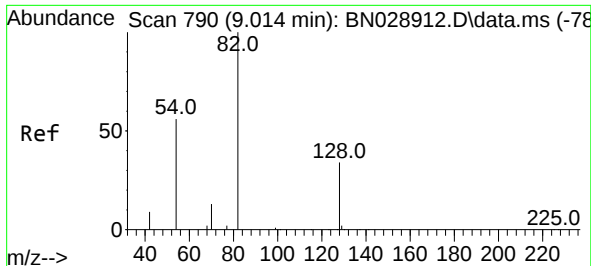
Tgt Ion: 93 Resp: 347
Ion Ratio Lower Upper
93 100
63 84.1 66.9 100.3
95 36.0 28.2 42.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion:136 Resp: 6659
Ion Ratio Lower Upper
136 100
137 12.6 10.6 16.0
54 8.1 7.5 11.3
68 4.9 5.9 8.9#

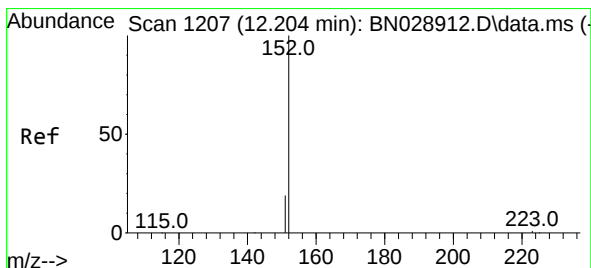
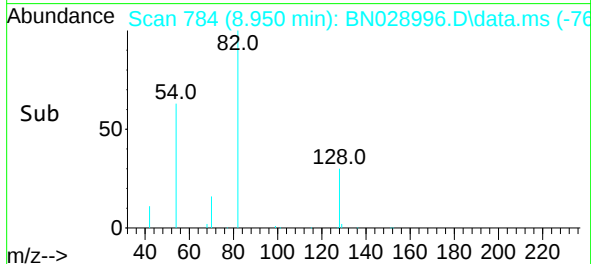
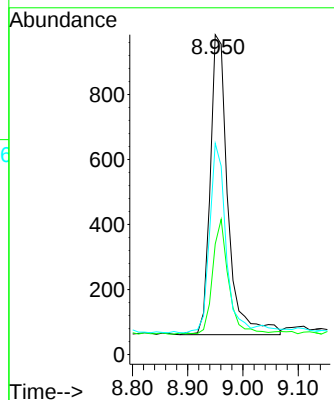
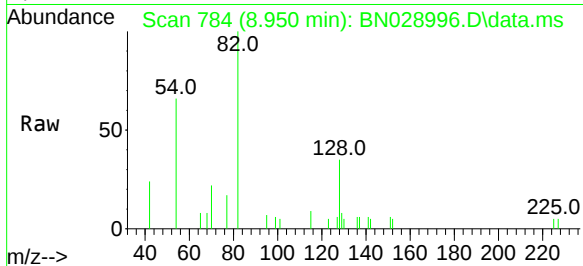




#8
 Nitrobenzene-d5
 Concen: 0.311 ng
 RT: 8.950 min Scan# 71
 Delta R.T. -0.022 min
 Lab File: BN028996.D
 Acq: 02 Dec 2023 22:59

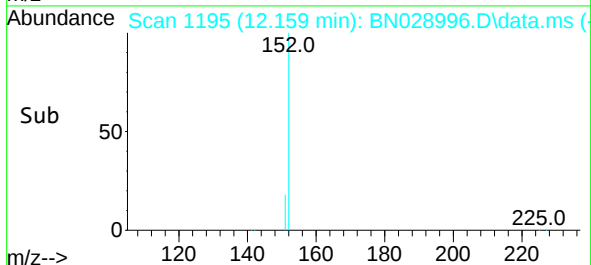
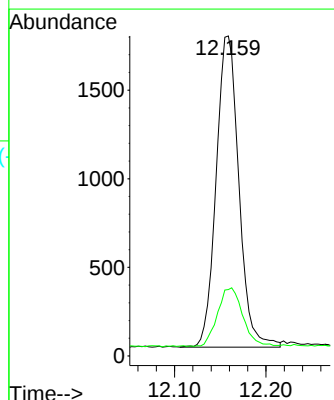
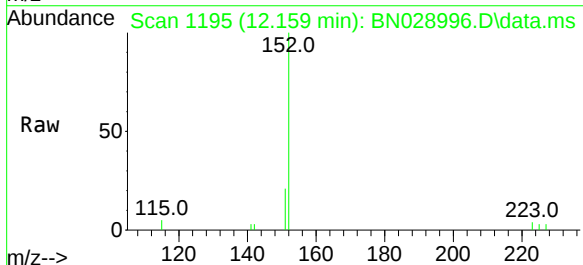
Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20231109

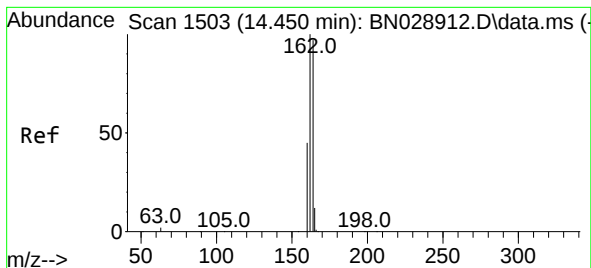
Tgt Ion: 82 Resp: 2056
 Ion Ratio Lower Upper
 82 100
 128 34.6 29.2 43.8
 54 66.1 47.0 70.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.284 ng
 RT: 12.159 min Scan# 1195
 Delta R.T. -0.012 min
 Lab File: BN028996.D
 Acq: 02 Dec 2023 22:59

Tgt Ion: 152 Resp: 3033
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN028996.D

Acq: 02 Dec 2023 22:59

Instrument :

BNA_N

ClientSampleId :

RE108D2-20231109

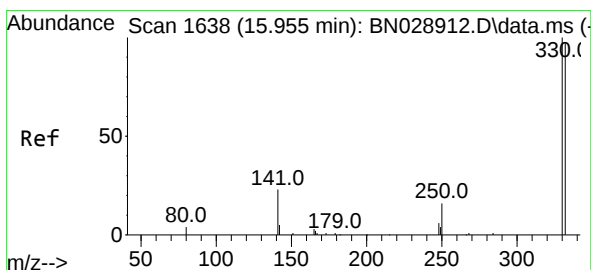
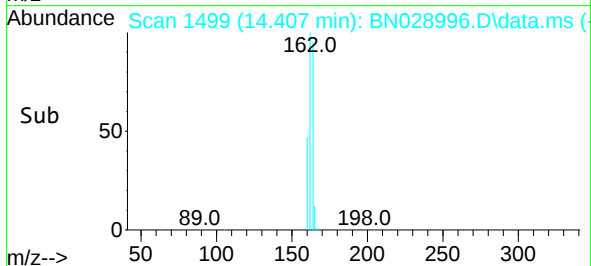
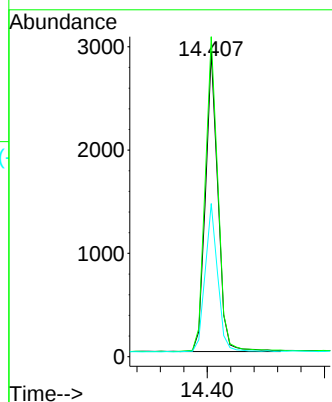
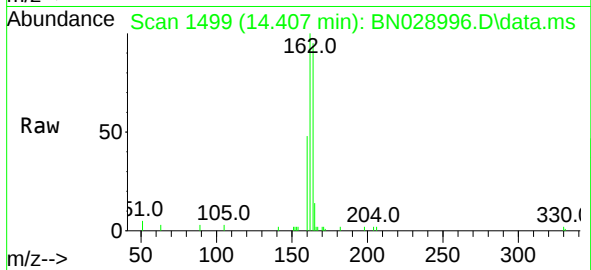
Tgt Ion:164 Resp: 4309

Ion Ratio Lower Upper

164 100

162 105.2 81.7 122.5

160 50.3 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.258 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.013 min

Lab File: BN028996.D

Acq: 02 Dec 2023 22:59

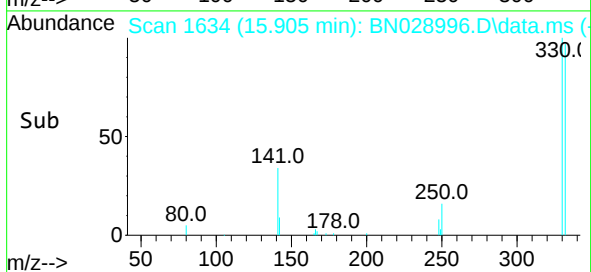
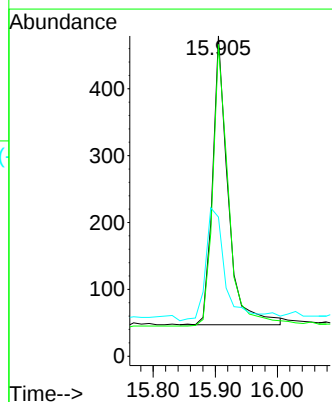
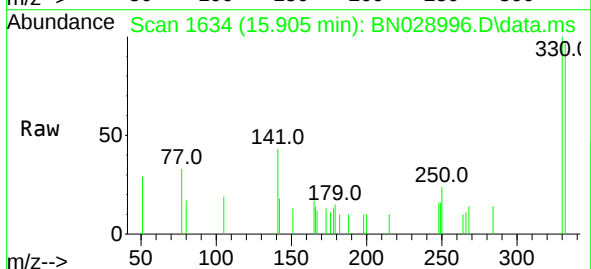
Tgt Ion:330 Resp: 750

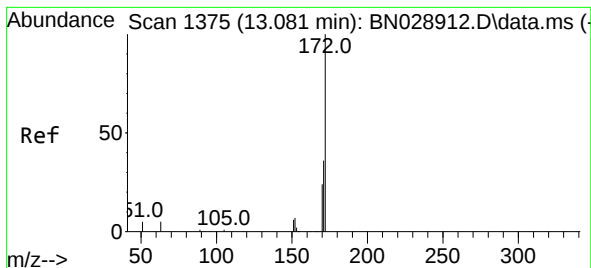
Ion Ratio Lower Upper

330 100

332 98.7 75.4 113.2

141 51.2 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.294 ng

RT: 13.038 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN028996.D

Acq: 02 Dec 2023 22:59

Instrument :

BNA_N

ClientSampleId :

RE108D2-20231109

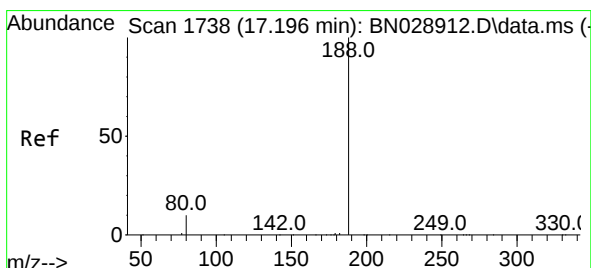
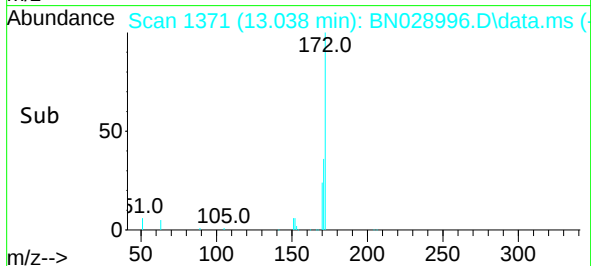
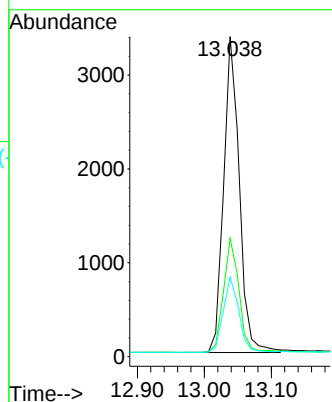
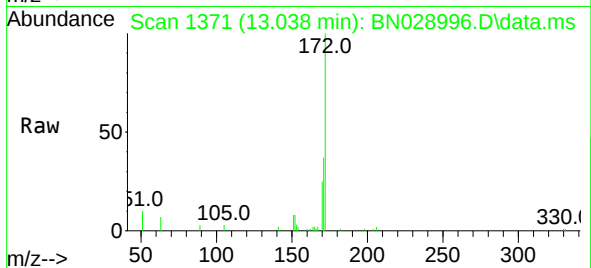
Tgt Ion:172 Resp: 5476

Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.4

170 24.9 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.159 min Scan# 1735

Delta R.T. -0.013 min

Lab File: BN028996.D

Acq: 02 Dec 2023 22:59

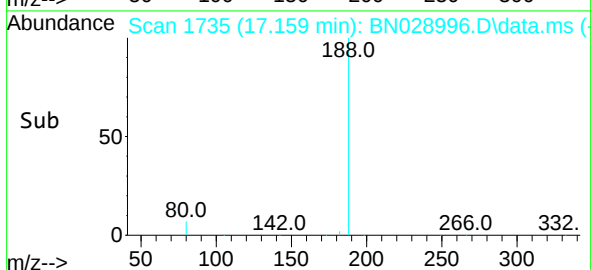
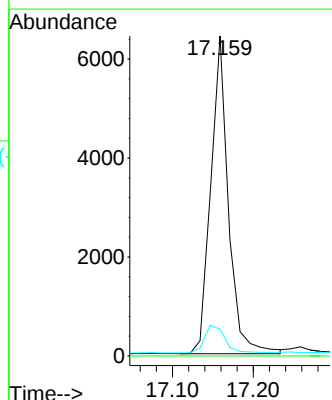
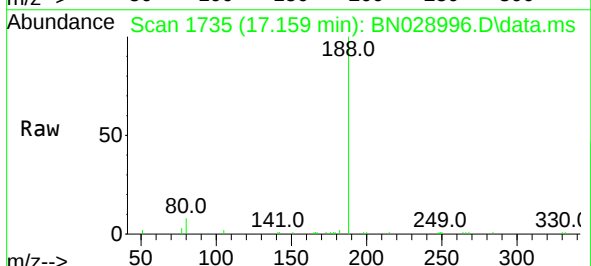
Tgt Ion:188 Resp: 9765

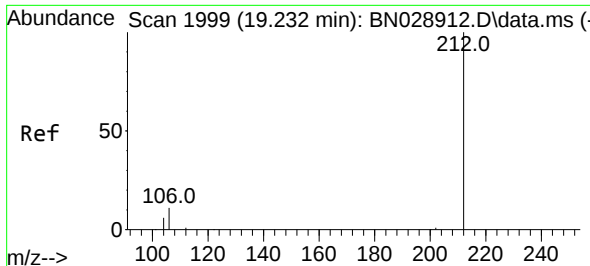
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 9.0 13.6#

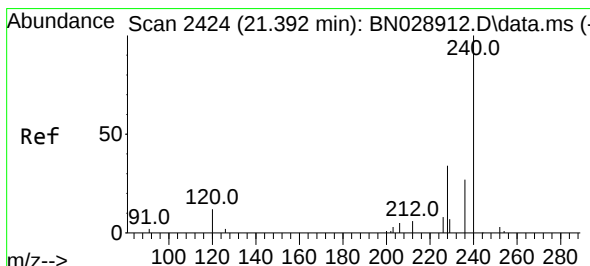
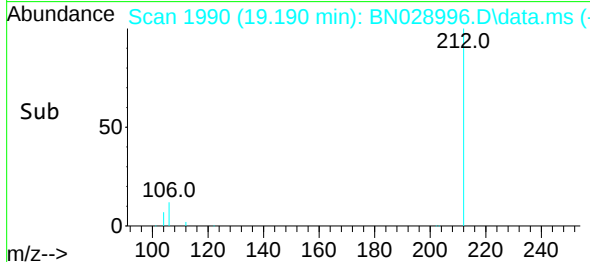
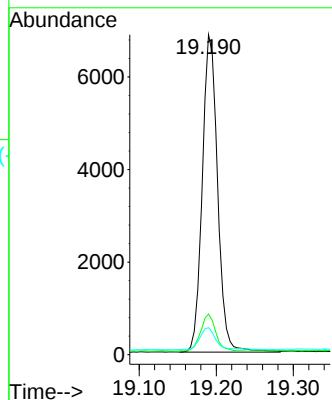
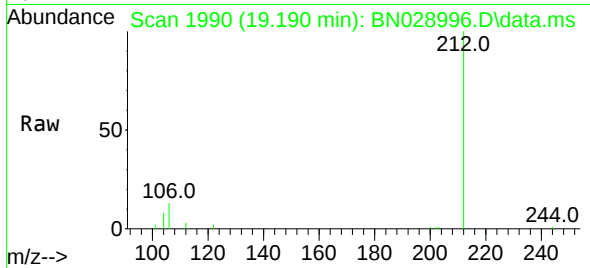




#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.190 min Scan# 1999
Delta R.T. -0.019 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

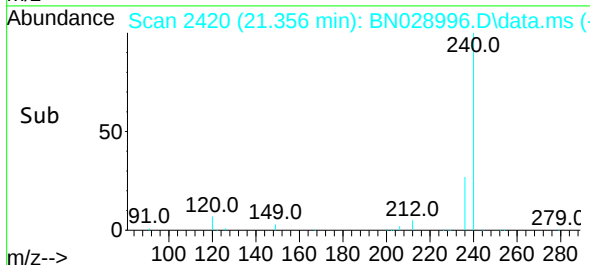
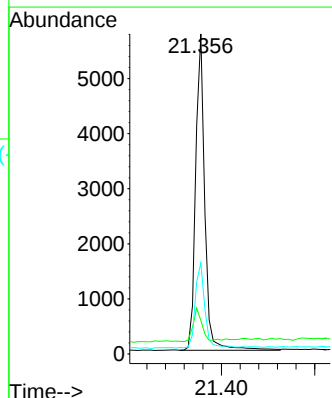
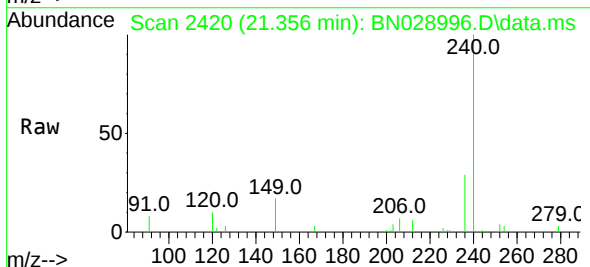
Instrument :
BNA_N
ClientSampleId :
RE108D2-20231109

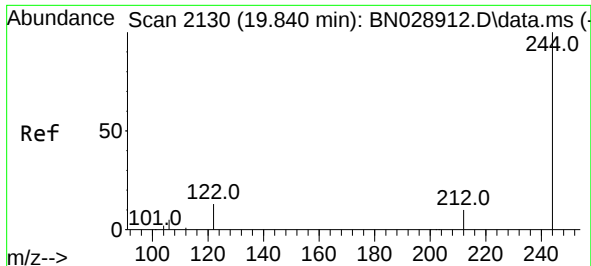
Tgt Ion:212 Resp: 9490
Ion Ratio Lower Upper
212 100
106 11.4 9.4 14.2
104 7.1 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion:240 Resp: 7861
Ion Ratio Lower Upper
240 100
120 10.4 37.1 55.7#
236 28.5 32.4 48.6#

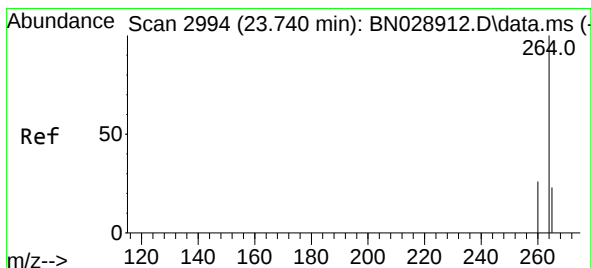
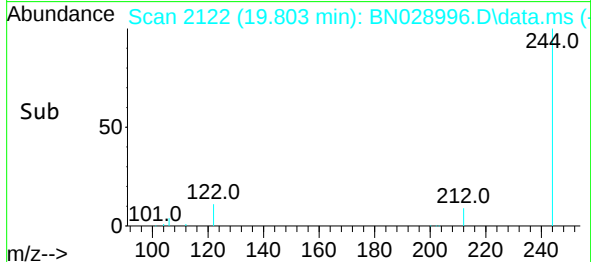
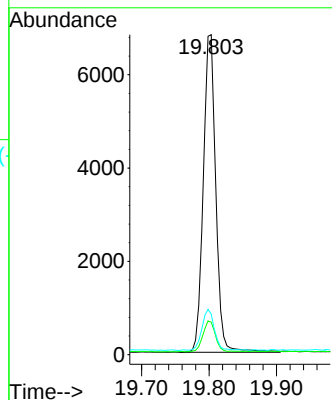
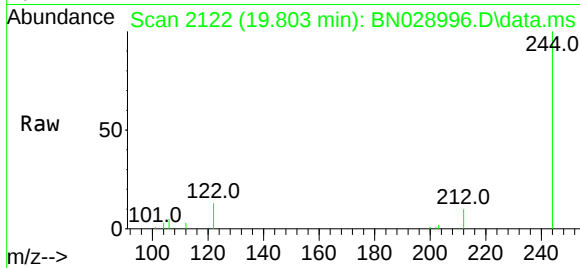




#31
 Terphenyl-d14
 Concen: 0.395 ng
 RT: 19.803 min Scan# 2130
 Delta R.T. -0.014 min
 Lab File: BN028996.D
 Acq: 02 Dec 2023 22:59

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20231109

Tgt Ion:244 Resp: 8786
 Ion Ratio Lower Upper
 244 100
 212 10.1 11.5 17.3#
 122 12.6 13.2 19.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.678 min Scan# 2973
 Delta R.T. -0.029 min
 Lab File: BN028996.D
 Acq: 02 Dec 2023 22:59

Tgt Ion:264 Resp: 7759
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.6 30.8
 265 67.6 464.5 696.7#

