

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN029004.D
 Acq On : 03 Dec 2023 03:48
 Operator : MA/JU
 Sample : 05404-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20231109

Quant Time: Dec 03 08:18:47 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)

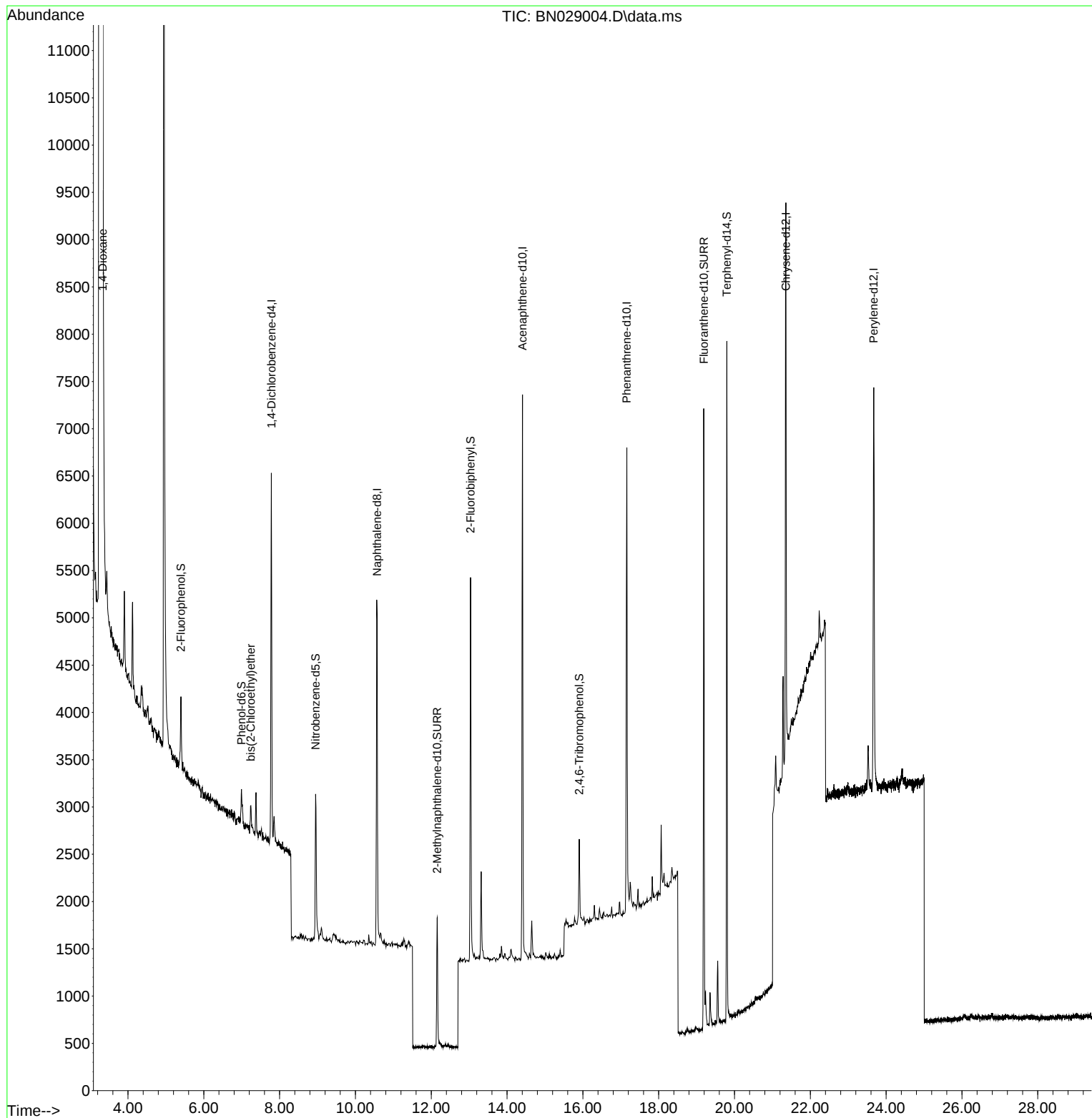
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1867	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5294	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3428	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	7441	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	6275	0.400	ng	#-0.02
35) Perylene-d12	23.672	264	6034	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	520	0.092	ng	-0.01
5) Phenol-d6	6.995	99	380	0.061	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1550	0.295	ng	-0.02
11) 2-Methylnaphthalene-d10	12.155	152	2055	0.242	ng	-0.02
14) 2,4,6-Tribromophenol	15.905	330	570	0.246	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	3553	0.240	ng	-0.01
27) Fluoranthene-d10	19.190	212	7622	0.389	ng	-0.02
31) Terphenyl-d14	19.799	244	7158	0.400	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	4910	2.685	ng	# 92
6) bis(2-Chloroethyl)ether	7.240	93	292	0.055	ng	88

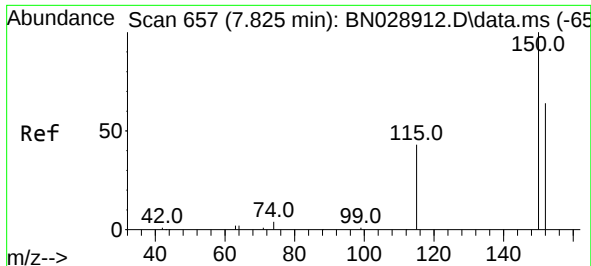
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN029004.D
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Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
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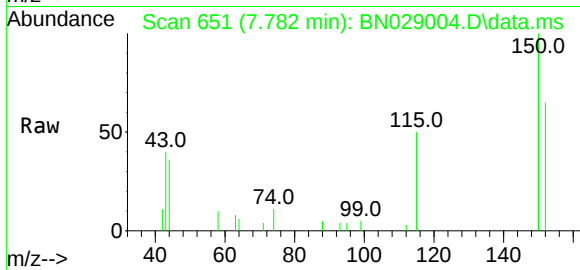
Quant Time: Dec 03 08:18:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration





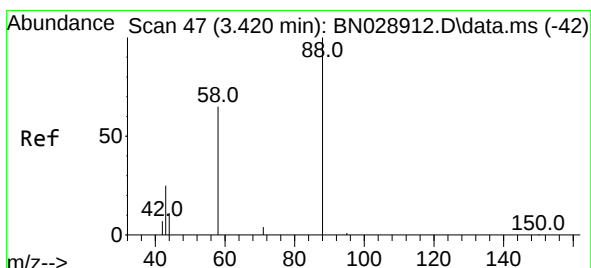
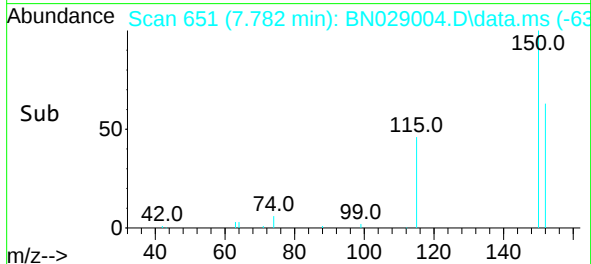
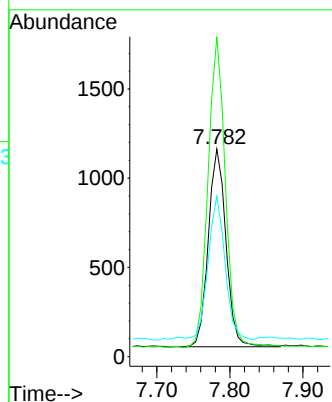
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN029004.D
 Acq: 03 Dec 2023 03:48

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20231109



Tgt Ion:152 Resp: 1867

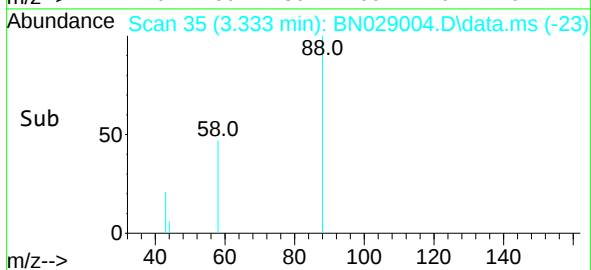
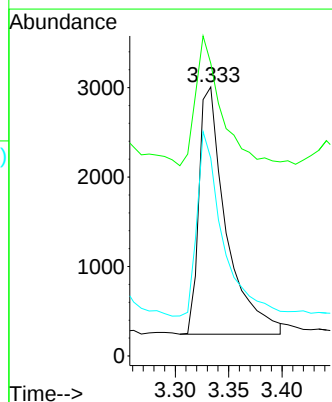
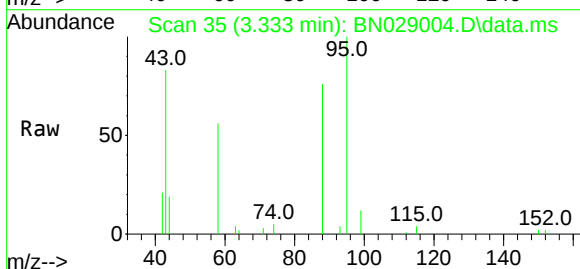
Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.4	185.2
115	77.3	59.1	88.7

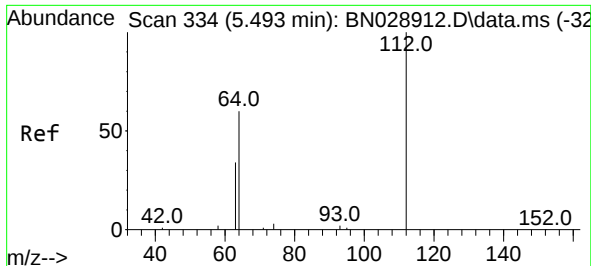


#2
 1,4-Dioxane
 Concen: 2.685 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.015 min
 Lab File: BN029004.D
 Acq: 03 Dec 2023 03:48

Tgt Ion: 88 Resp: 4910

Ion	Ratio	Lower	Upper
88	100		
43	49.2	29.9	44.9#
58	69.9	55.0	82.4

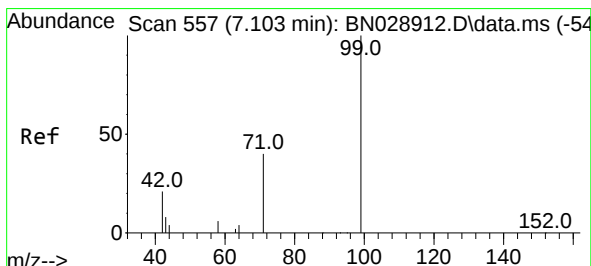
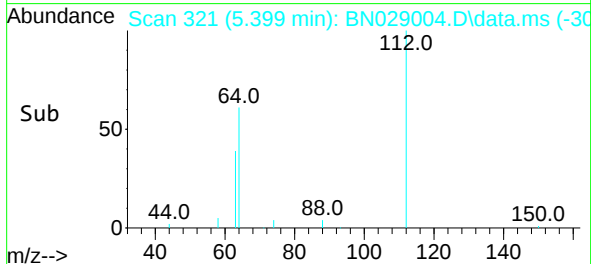
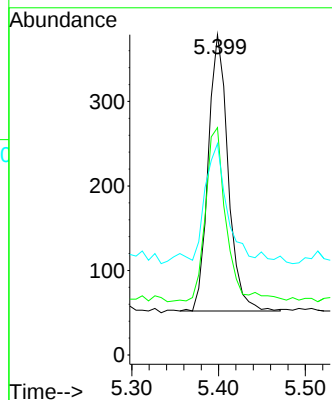
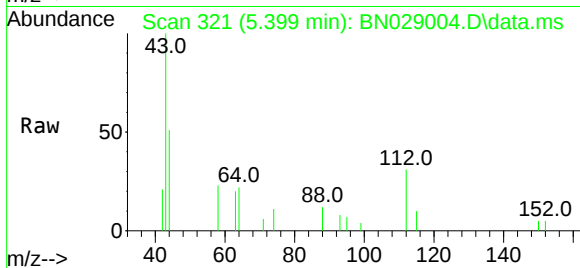




#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.015 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

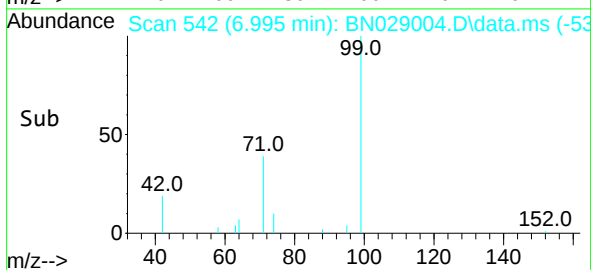
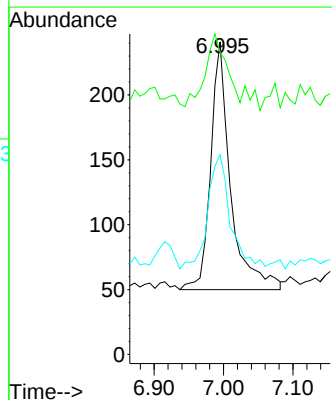
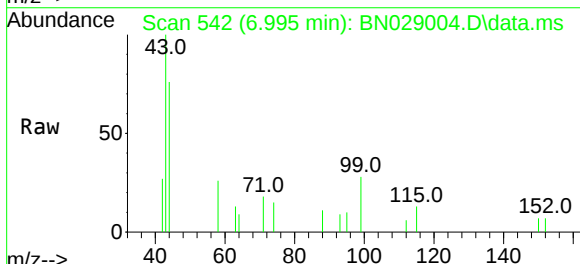
Instrument :
BNA_N
ClientSampleId :
RE105D2-20231109

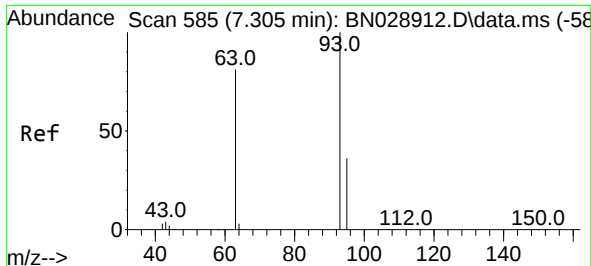
Tgt Ion:112 Resp: 520
Ion Ratio Lower Upper
112 100
64 62.3 51.5 77.3
63 50.8 30.4 45.6#



#5
Phenol-d6
Concen: 0.061 ng
RT: 6.995 min Scan# 542
Delta R.T. -0.015 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

Tgt Ion: 99 Resp: 380
Ion Ratio Lower Upper
99 100
42 30.8 21.2 31.8
71 52.1 35.4 53.0

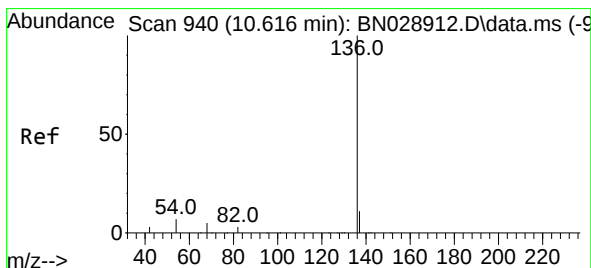
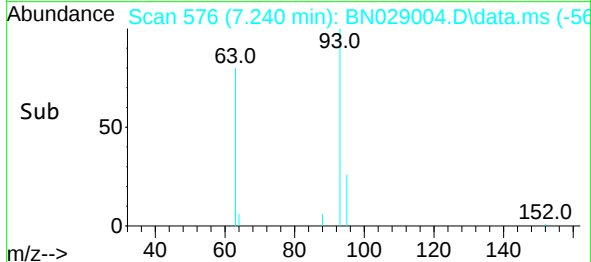
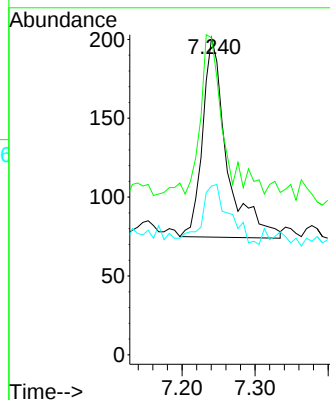
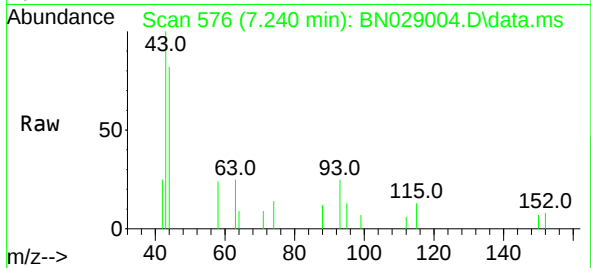




#6
bis(2-Chloroethyl)ether
Concen: 0.055 ng
RT: 7.240 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

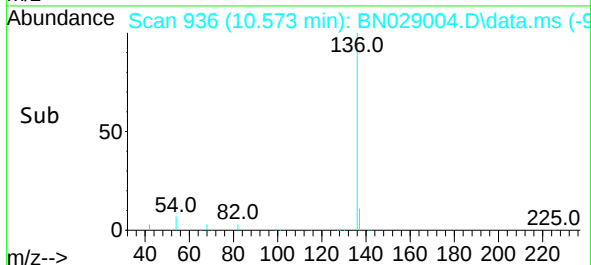
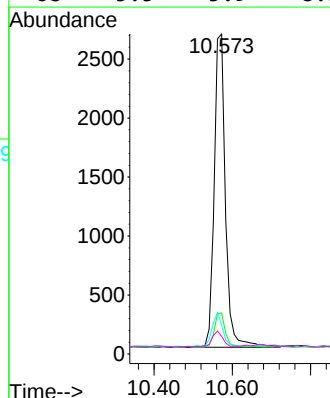
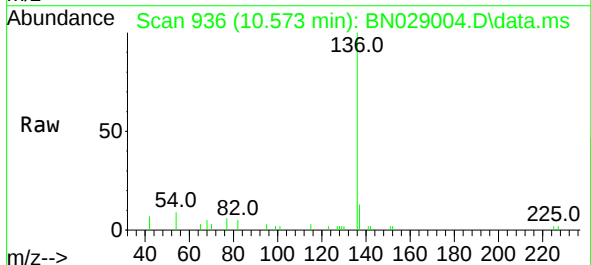
Instrument :
BNA_N
ClientSampleId :
RE105D2-20231109

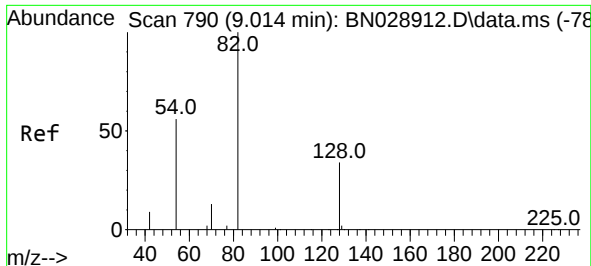
Tgt Ion: 93 Resp: 292
Ion Ratio Lower Upper
93 100
63 68.8 66.9 100.3
95 33.9 28.2 42.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

Tgt Ion: 136 Resp: 5294
Ion Ratio Lower Upper
136 100
137 12.8 10.6 16.0
54 9.0 7.5 11.3
68 5.5 5.9 8.9#

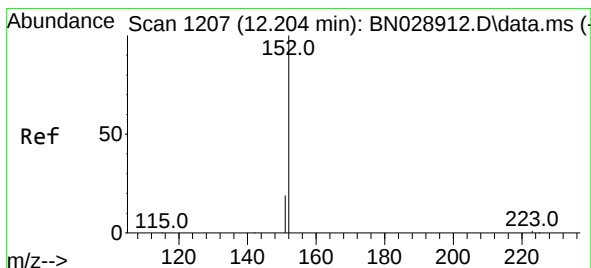
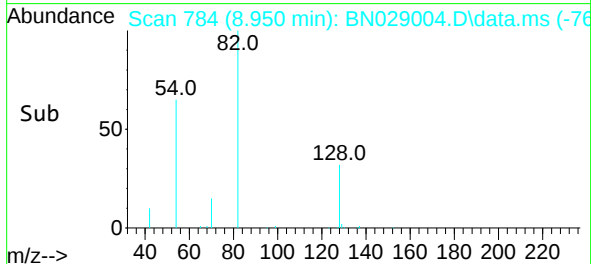
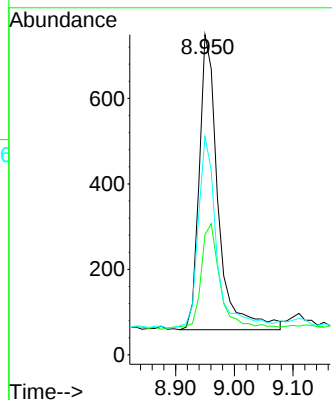
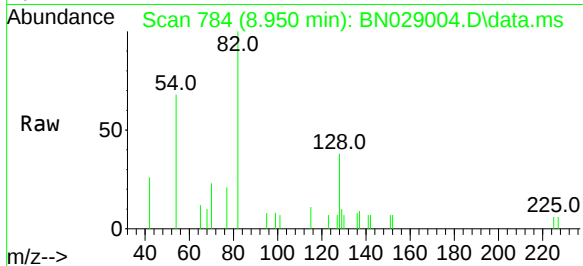




#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.022 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

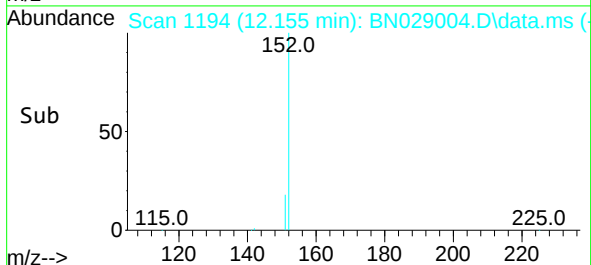
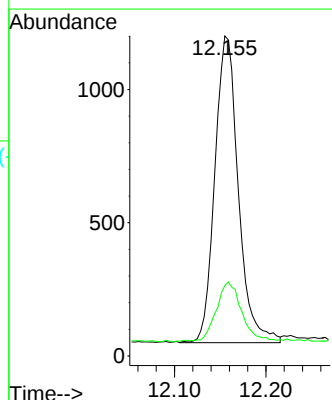
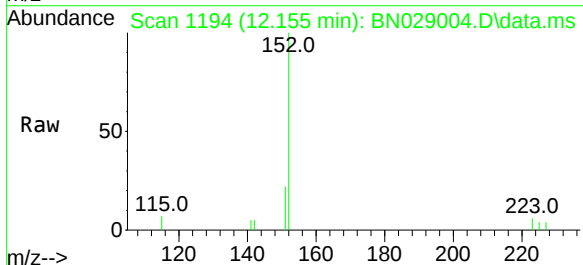
Instrument :
BNA_N
ClientSampleId :
RE105D2-20231109

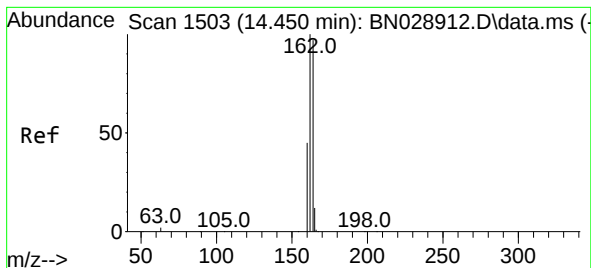
Tgt Ion: 82 Resp: 1550
Ion Ratio Lower Upper
82 100
128 37.5 29.2 43.8
54 68.2 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.155 min Scan# 1194
Delta R.T. -0.015 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

Tgt Ion: 152 Resp: 2055
Ion Ratio Lower Upper
152 100
151 20.0 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: BN029004.D

Acq: 03 Dec 2023 03:48

Instrument :

BNA_N

ClientSampleId :

RE105D2-20231109

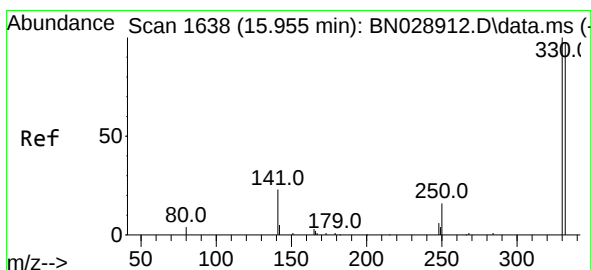
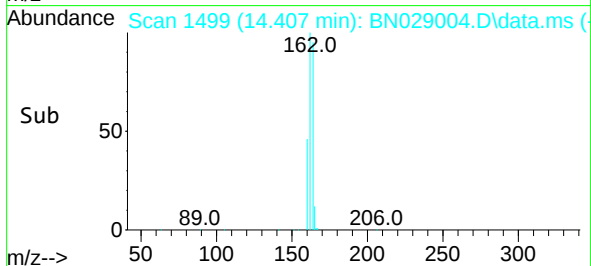
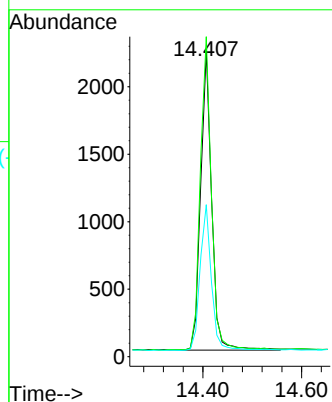
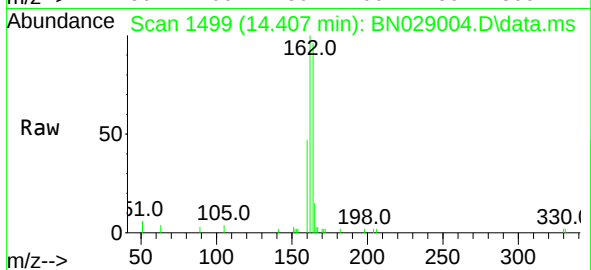
Tgt Ion:164 Resp: 3428

Ion Ratio Lower Upper

164 100

162 104.7 81.7 122.5

160 49.7 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.246 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.013 min

Lab File: BN029004.D

Acq: 03 Dec 2023 03:48

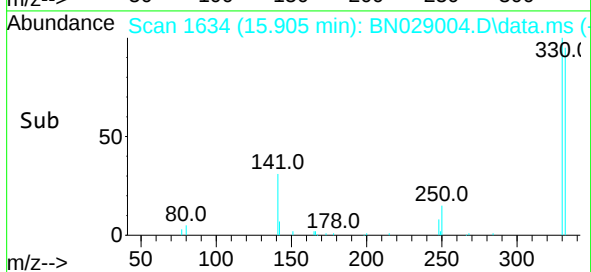
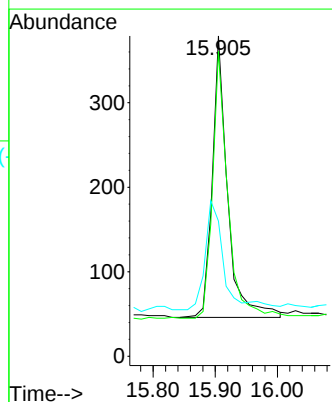
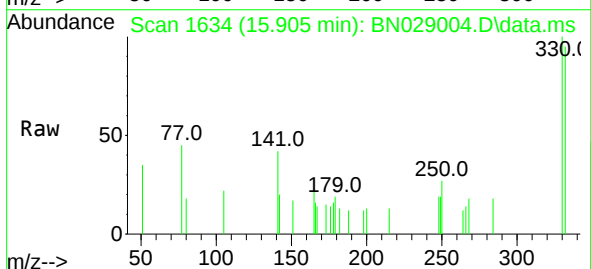
Tgt Ion:330 Resp: 570

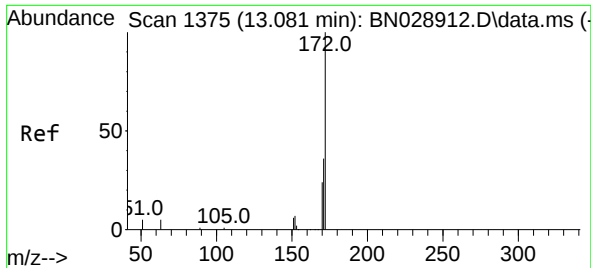
Ion Ratio Lower Upper

330 100

332 94.9 75.4 113.2

141 47.9 35.7 53.5

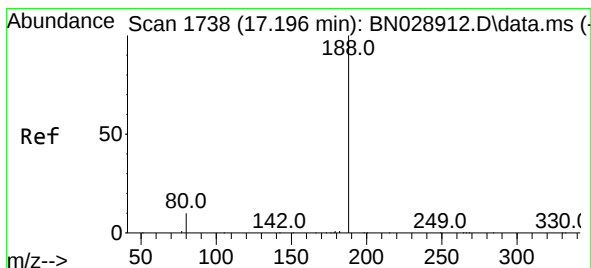
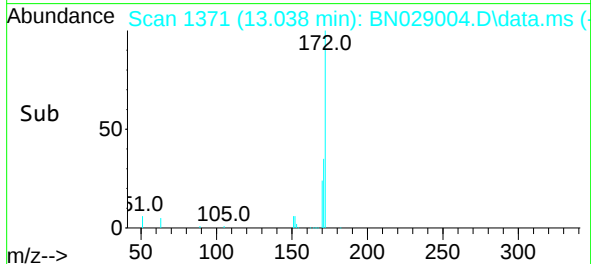
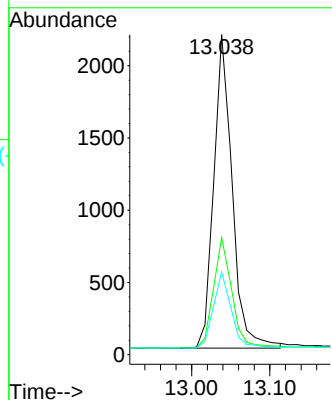
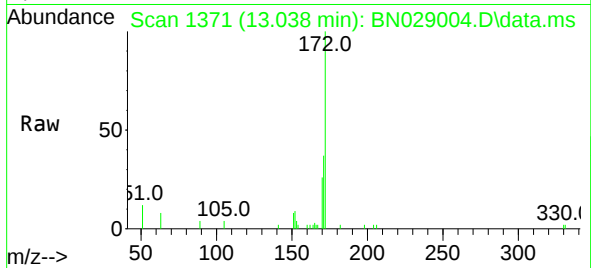




#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 13.038 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

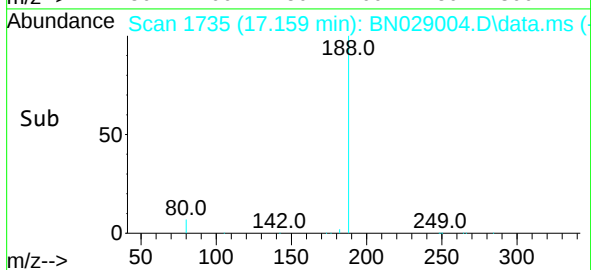
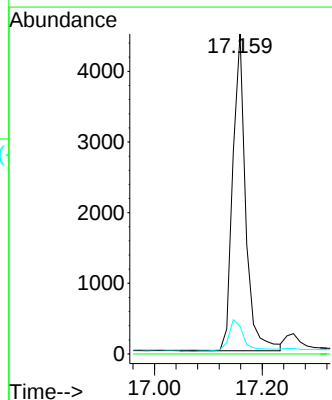
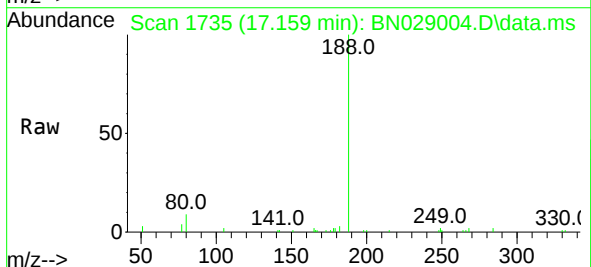
Instrument :
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RE105D2-20231109

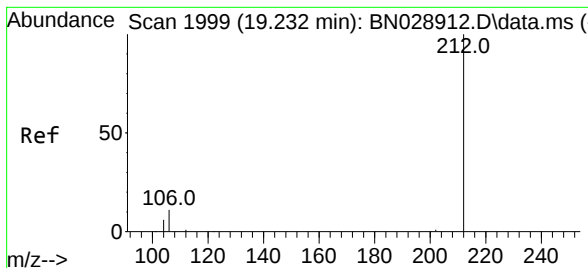
Tgt Ion:172 Resp: 3553
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 25.8 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

Tgt Ion:188 Resp: 7441
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 9.0 13.6#





#27

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.190 min Scan# 1999

Delta R.T. -0.019 min

Lab File: BN029004.D

Acq: 03 Dec 2023 03:48

Instrument :

BNA_N

ClientSampleId :

RE105D2-20231109

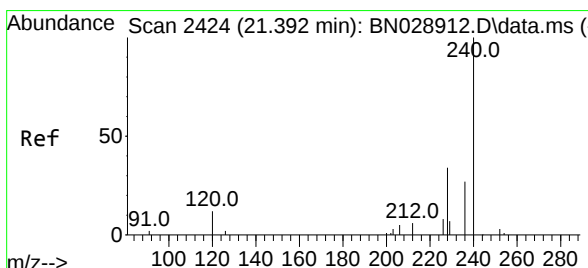
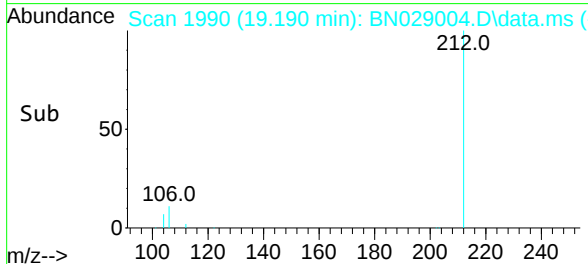
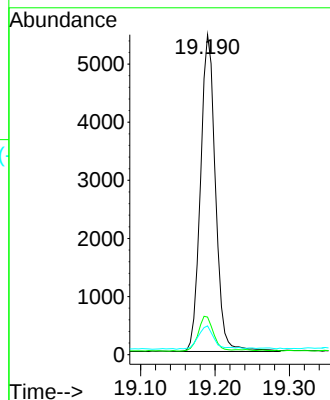
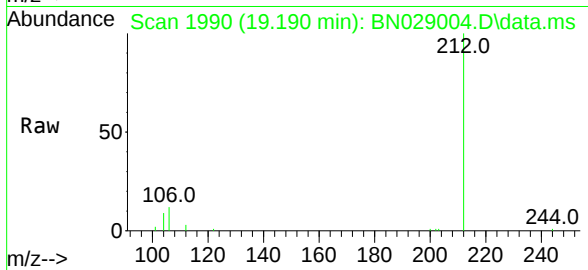
Tgt Ion:212 Resp: 7622

Ion Ratio Lower Upper

212 100

106 11.1 9.4 14.2

104 8.0 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: BN029004.D

Acq: 03 Dec 2023 03:48

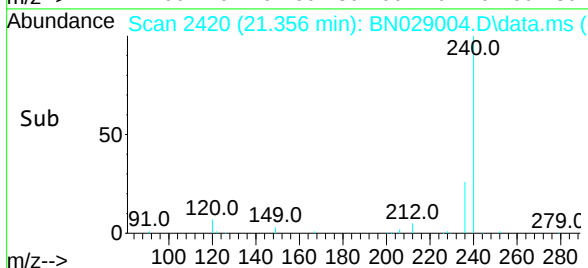
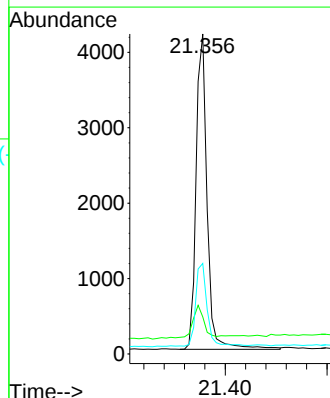
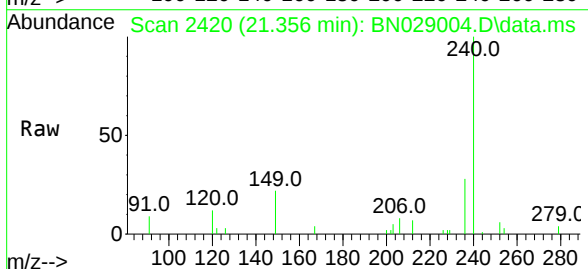
Tgt Ion:240 Resp: 6275

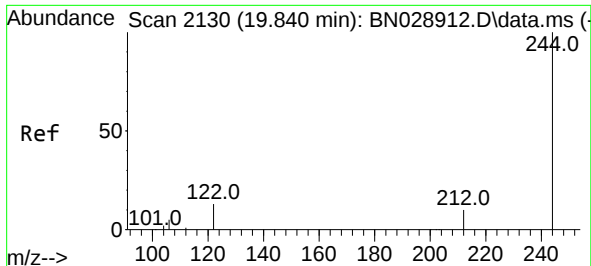
Ion Ratio Lower Upper

240 100

120 11.6 37.1 55.7#

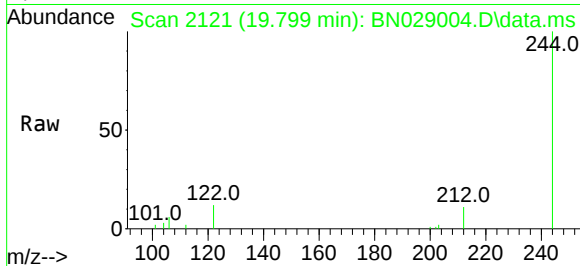
236 28.3 32.4 48.6#



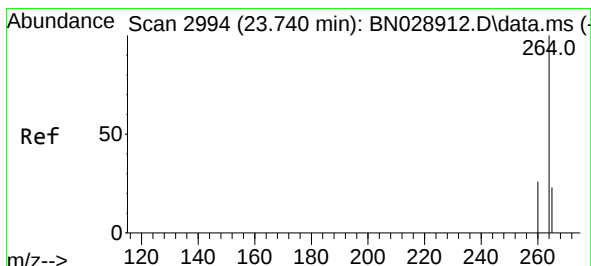
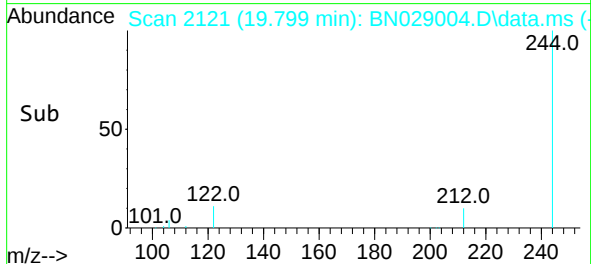
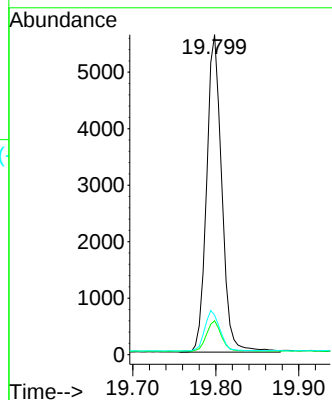


#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.799 min Scan# 2130
Delta R.T. -0.019 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

Instrument :
BNA_N
ClientSampleId :
RE105D2-20231109



Tgt Ion:244 Resp: 7158
Ion Ratio Lower Upper
244 100
212 10.6 11.5 17.3#
122 12.4 13.2 19.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.672 min Scan# 2971
Delta R.T. -0.035 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

Tgt Ion:264 Resp: 6034
Ion Ratio Lower Upper
264 100
260 26.3 20.6 30.8
265 73.8 464.5 696.7#

