

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)

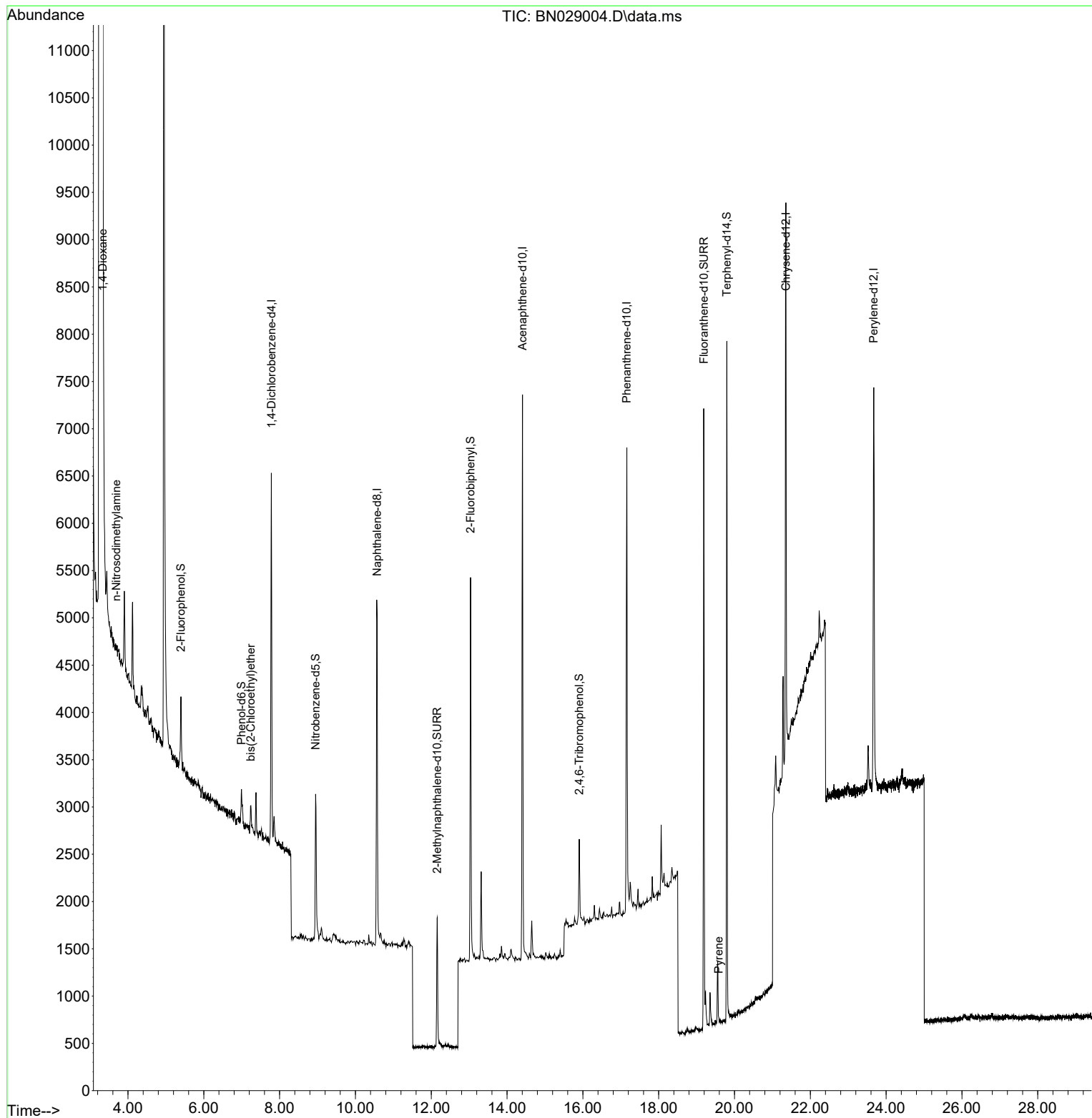
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1867	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5294	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3428	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	7441	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	6275	0.400	ng	#-0.02
35) Perylene-d12	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
3) n-Nitrosodimethylamine	3.694	42	43	0.106	ng	# 59
6) bis(2-Chloroethyl)ether	7.240	93	292	0.055	ng	88
30) Pyrene	19.585	202	35	0.095	ng	# 68
34) Bis(2-ethylhexyl)phtha...	21.284	149	1169	Below Cal		# 92

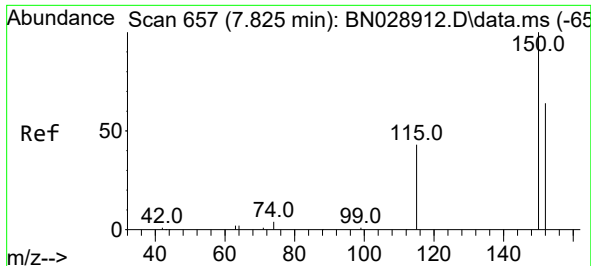
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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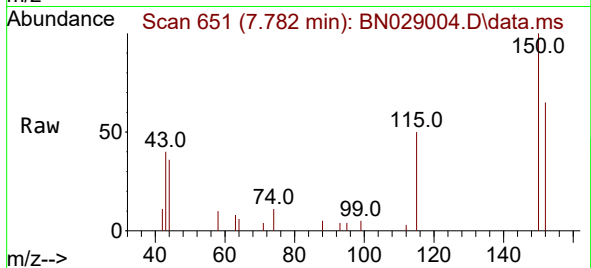
Quant Time: Dec 03 08:18:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
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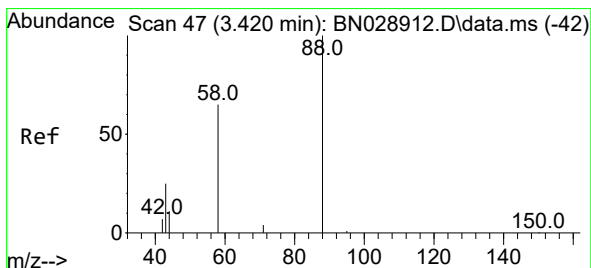
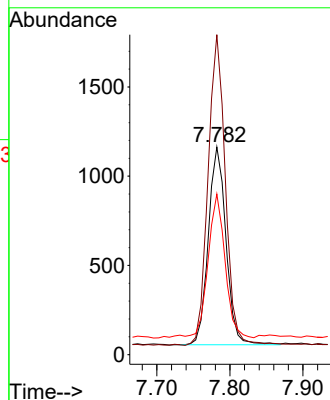
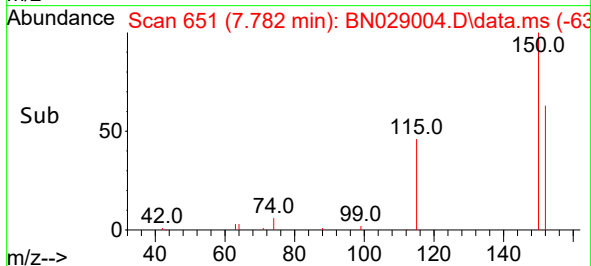


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.782 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

Instrument :
BNA_N
ClientSampleId :
RE105D2-20231109

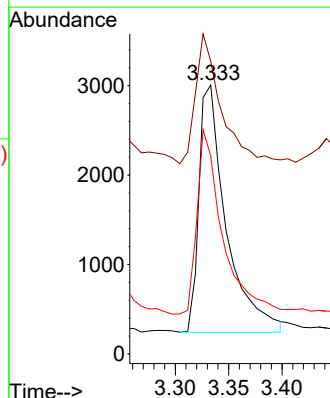
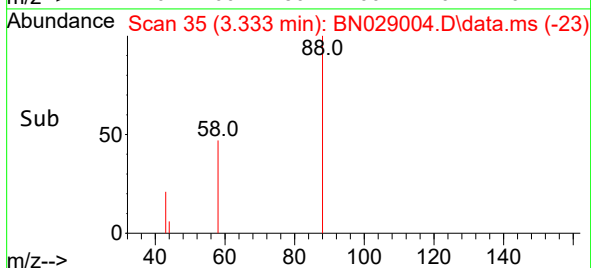
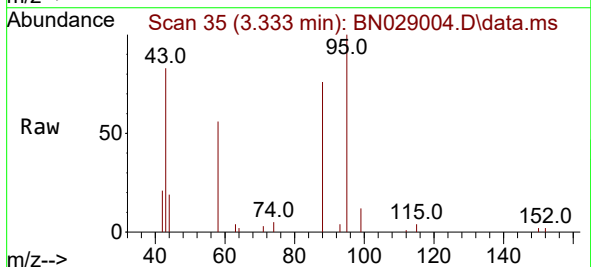


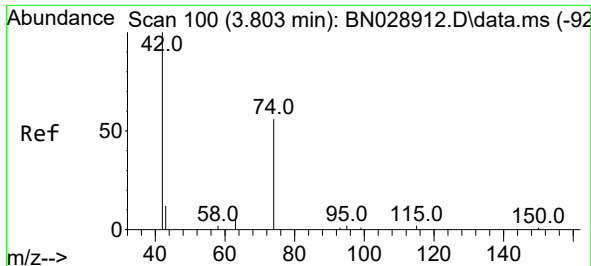
Tgt Ion:152 Resp: 1867
Ion Ratio Lower Upper
152 100
150 154.0 123.4 185.2
115 77.3 59.1 88.7



#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

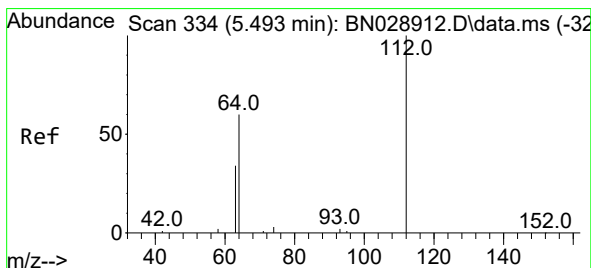
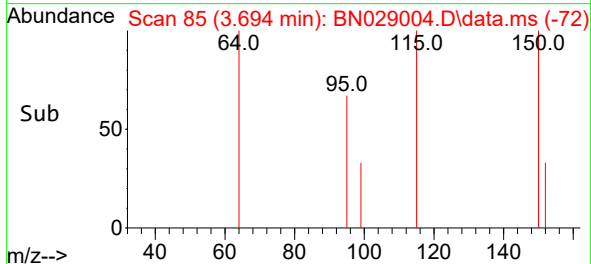
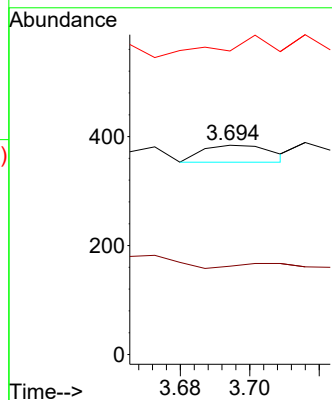
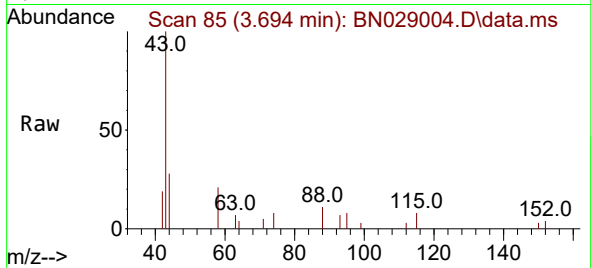




#3
n-Nitrosodimethylamine
Concen: 0.106 ng
RT: 3.694 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

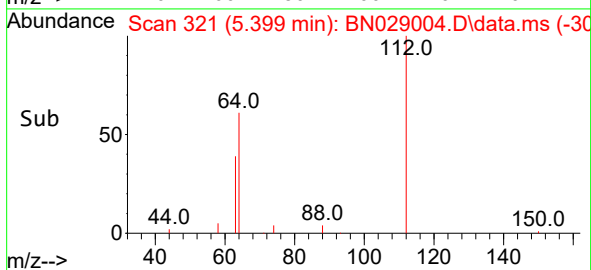
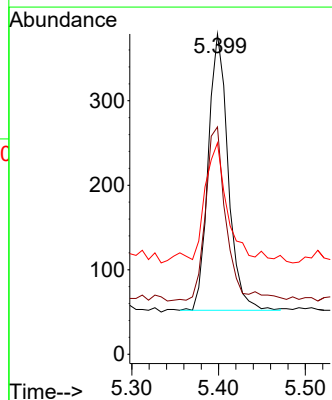
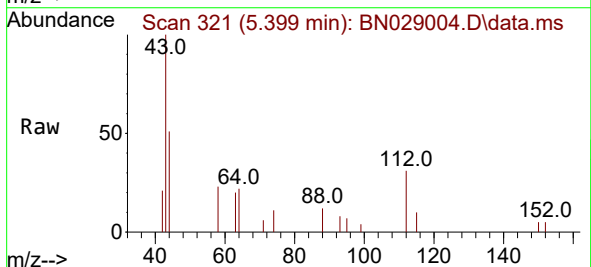
Instrument :
BNA_N
ClientSampleId :
RE105D2-20231109

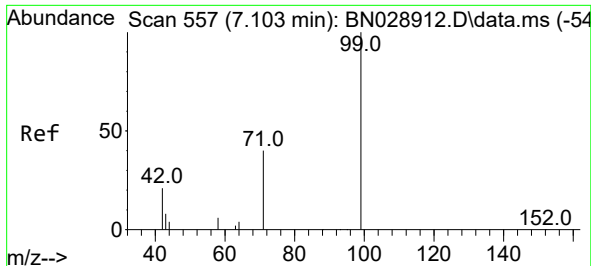
Tgt Ion: 42 Resp: 43
Ion Ratio Lower Upper
42 100
74 37.2 57.0 85.6#
44 90.7 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.015 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

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#

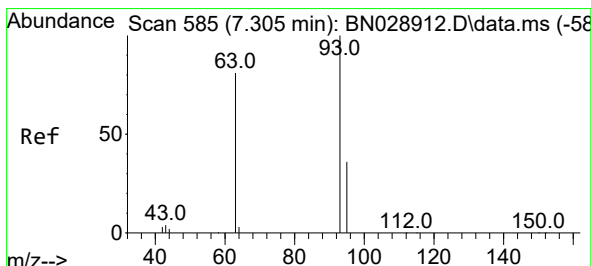
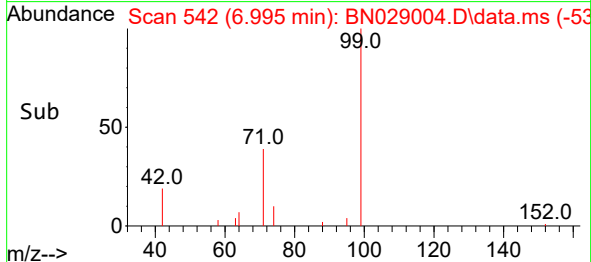
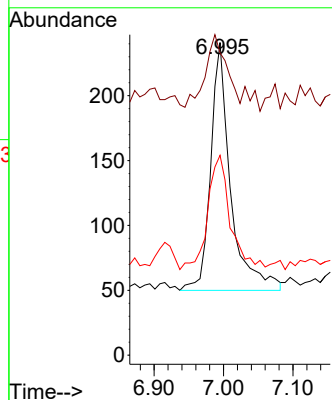
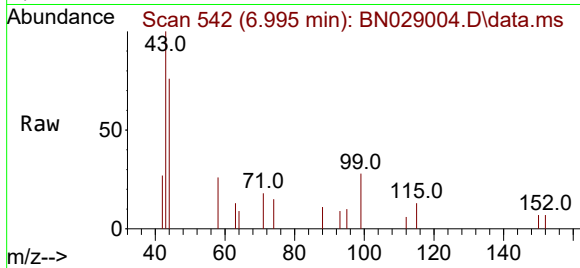




#5
Phenol-d6
Concen: 0.061 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.015 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

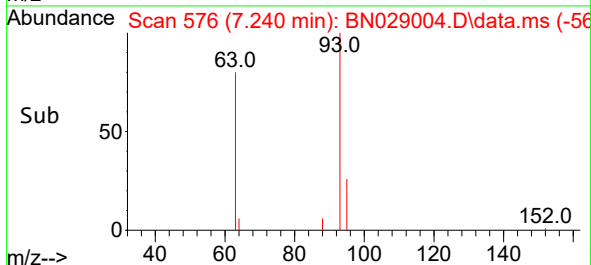
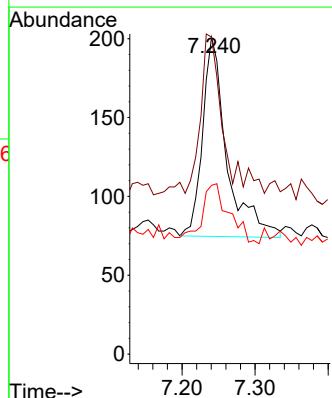
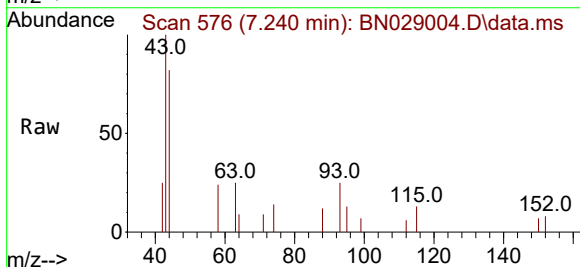
Instrument :
BNA_N
ClientSampleId :
RE105D2-20231109

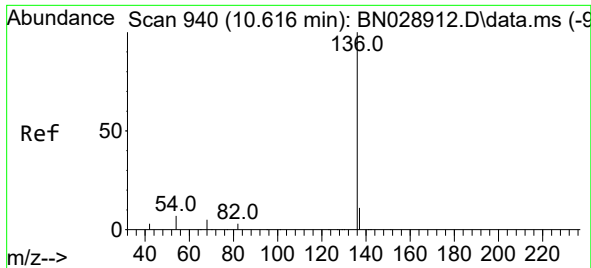
Tgt Ion: 99 Resp: 380
Ion Ratio Lower Upper
99 100
42 30.8 21.2 31.8
71 52.1 35.4 53.0



#6
bis(2-Chloroethyl)ether
Concen: 0.055 ng
RT: 7.240 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

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

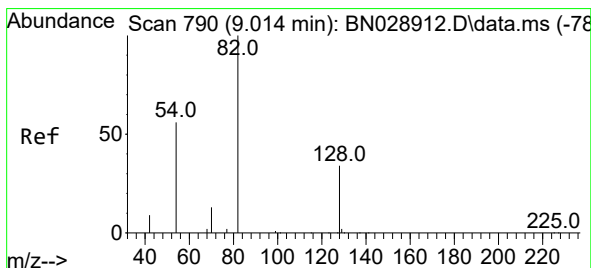
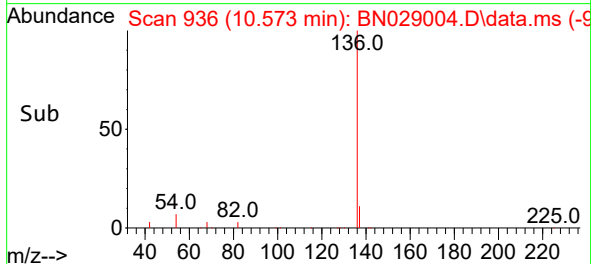
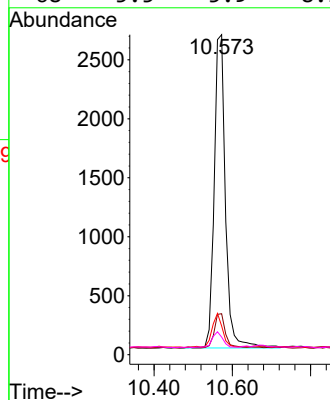
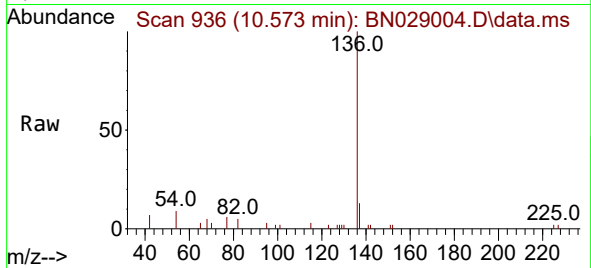




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

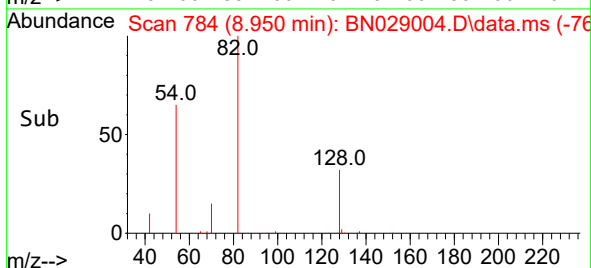
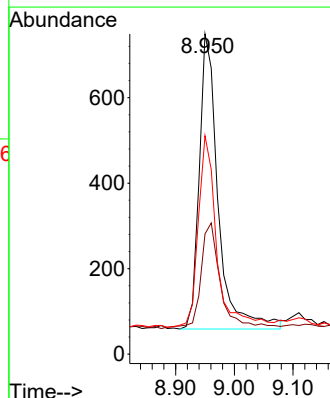
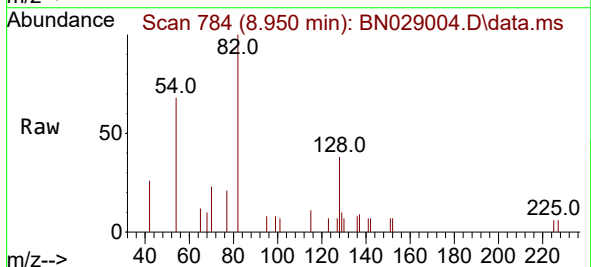
Instrument :
BNA_N
ClientSampleId :
RE105D2-20231109

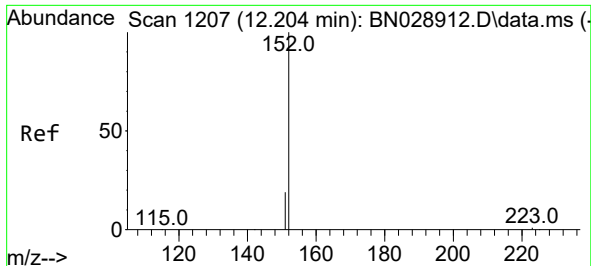
Tgt Ion:136	Resp:	5294
Ion	Ratio	Lower Upper
136	100	
137	12.8	10.6 16.0
54	9.0	7.5 11.3
68	5.5	5.9 8.9#



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.022 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

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

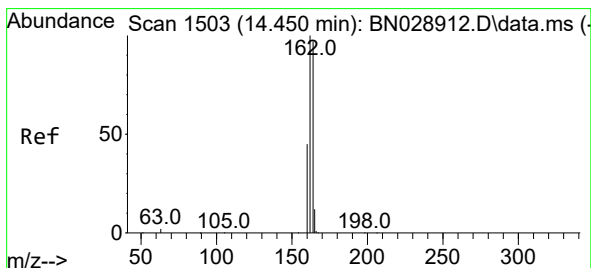
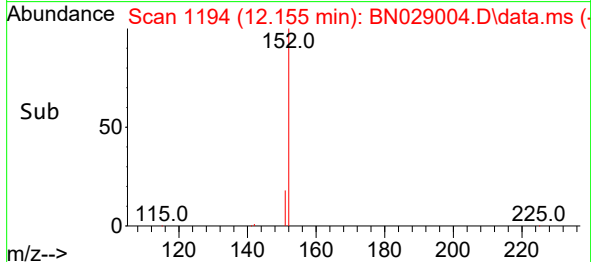
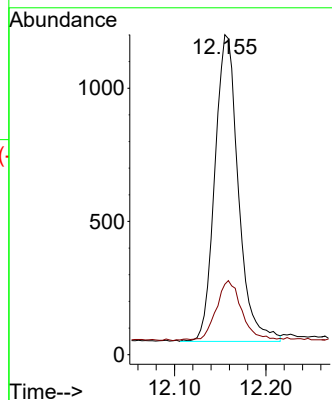
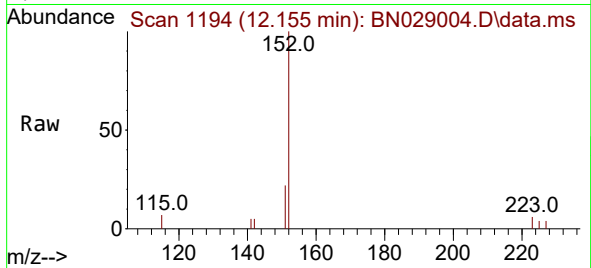




#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.155 min Scan# 1194
Delta R.T. -0.015 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

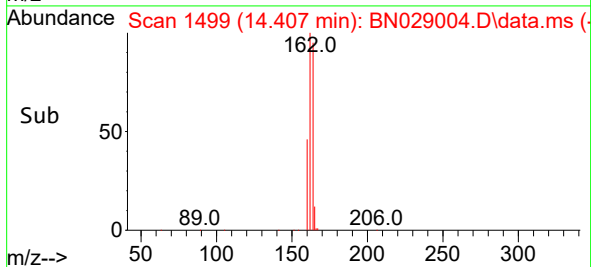
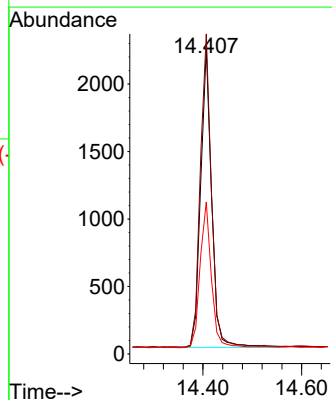
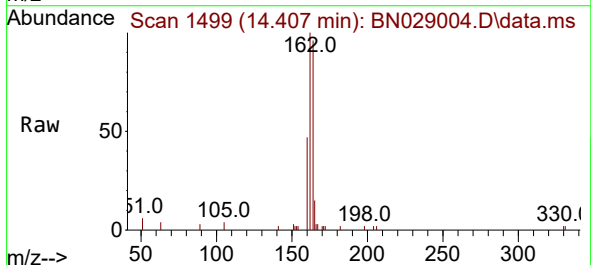
Instrument :
BNA_N
ClientSampleId :
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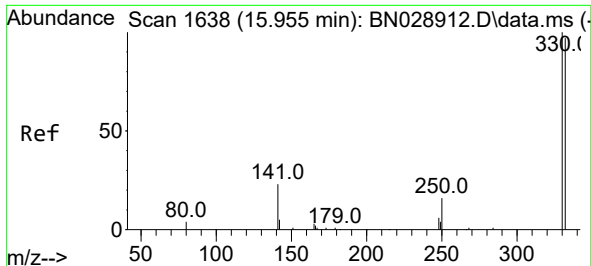
Tgt Ion:152 Resp: 2055
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

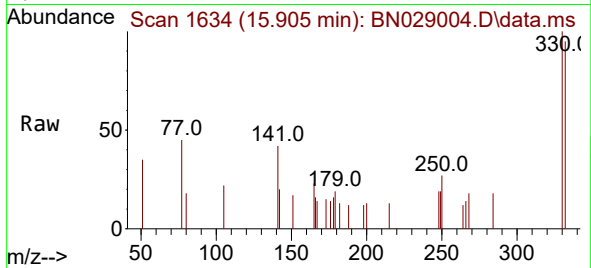
Tgt Ion:164 Resp: 3428
Ion Ratio Lower Upper
164 100
162 104.7 81.7 122.5
160 49.7 37.0 55.6



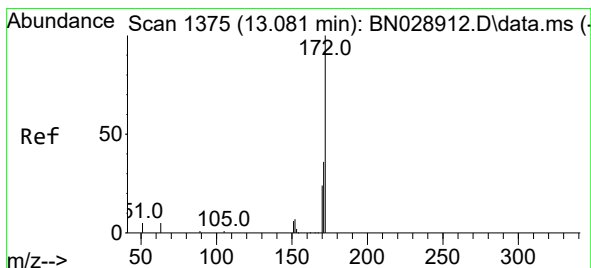
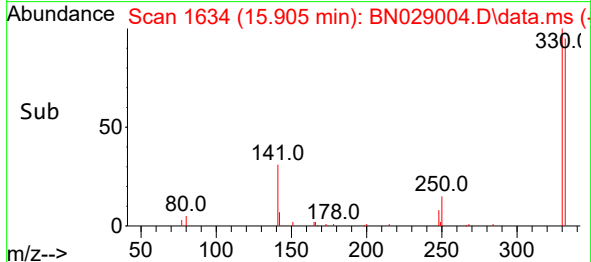
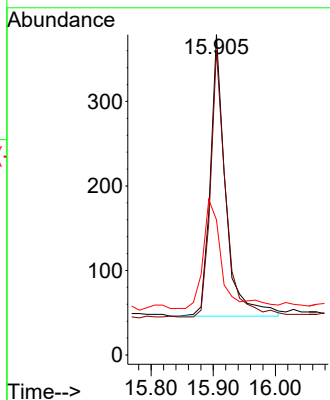


#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.013 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

Instrument :
BNA_N
ClientSampleId :
RE105D2-20231109

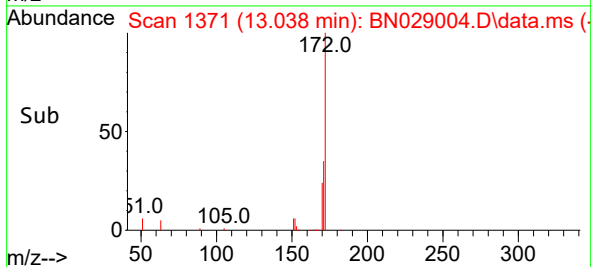
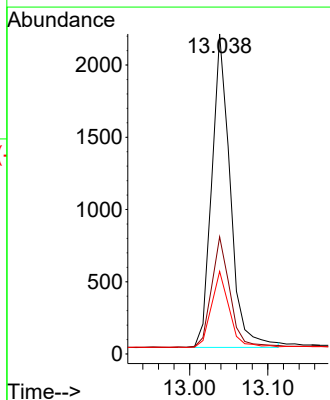
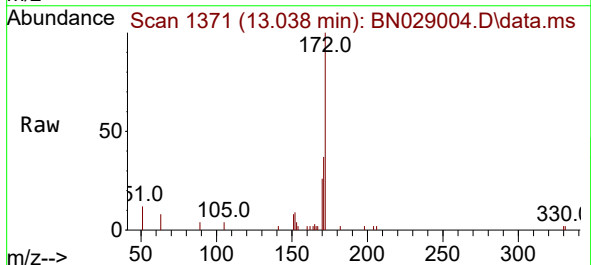


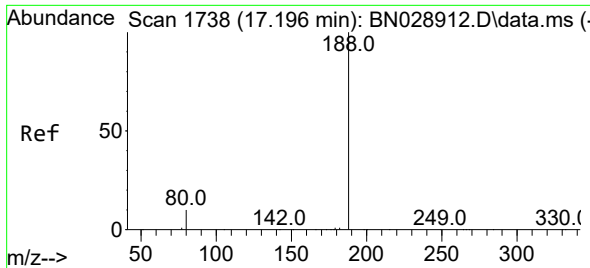
Tgt Ion:330 Resp: 570
Ion Ratio Lower Upper
330 100
332 94.9 75.4 113.2
141 47.9 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

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

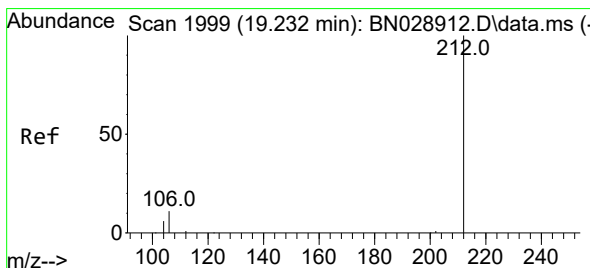
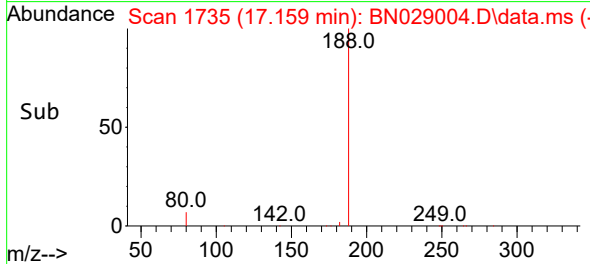
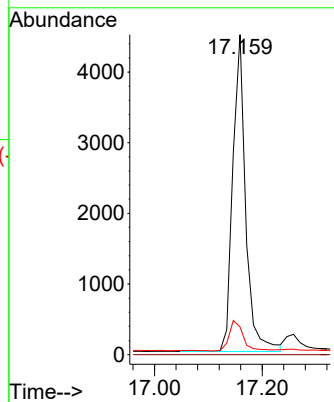
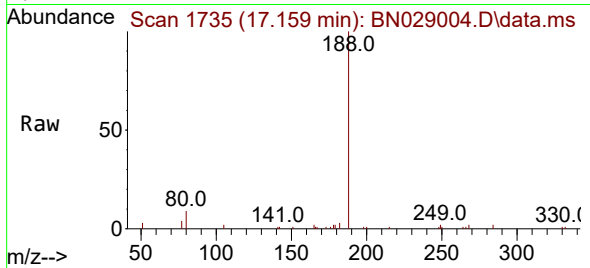




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

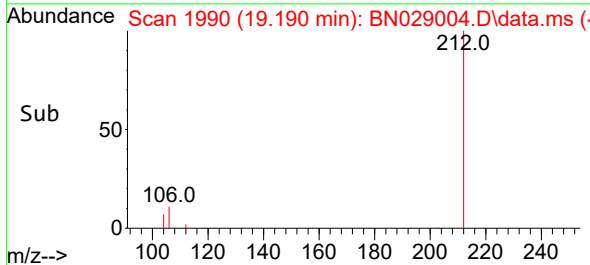
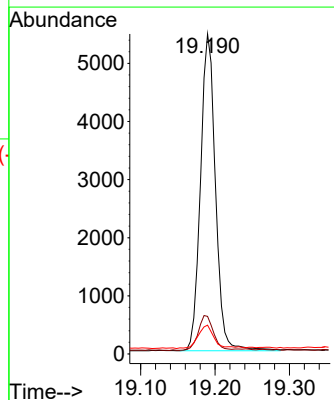
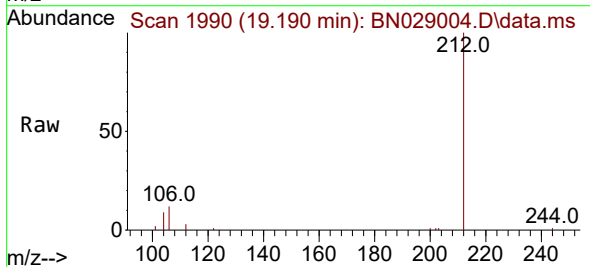
Instrument :
BNA_N
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RE105D2-20231109

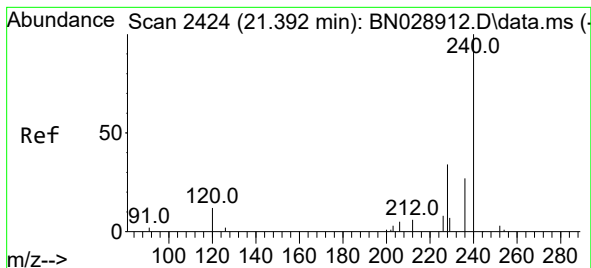
Tgt Ion:188 Resp: 7441
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 9.0 13.6#



#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.190 min Scan# 1990
Delta R.T. -0.019 min
Lab File: BN029004.D
Acq: 03 Dec 2023 03:48

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

Instrument :

BNA_N

ClientSampleId :

RE105D2-20231109

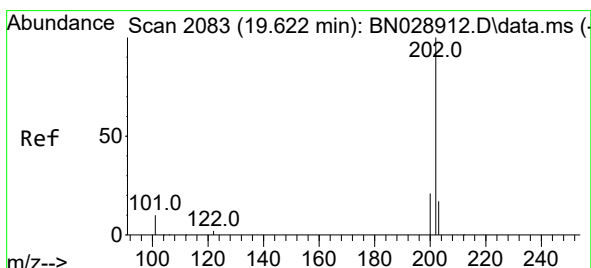
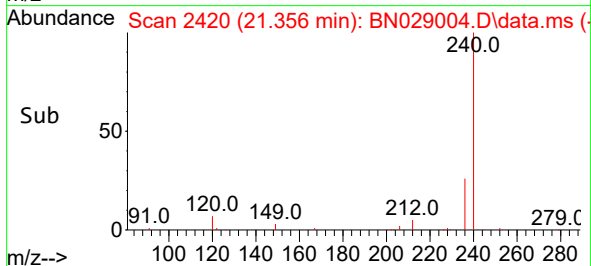
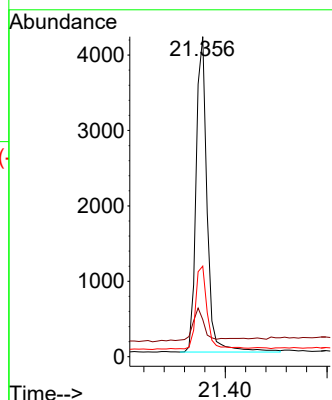
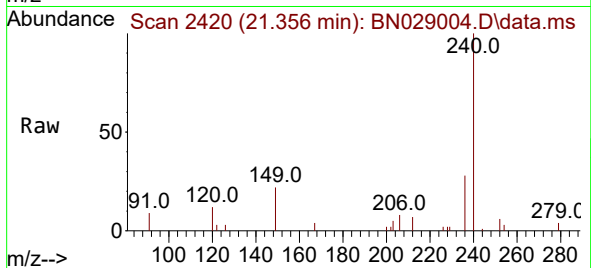
Tgt Ion:240 Resp: 6275

Ion Ratio Lower Upper

240 100

120 11.6 37.1 55.7#

236 28.3 32.4 48.6#



#30

Pyrene

Concen: 0.095 ng

RT: 19.585 min Scan# 2075

Delta R.T. -0.019 min

Lab File: BN029004.D

Acq: 03 Dec 2023 03:48

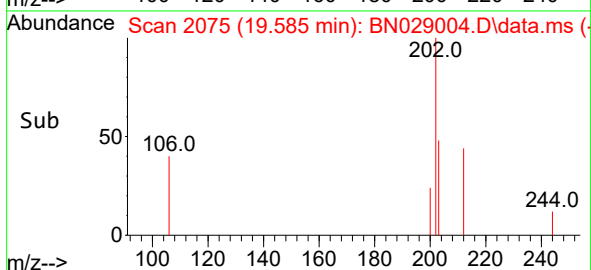
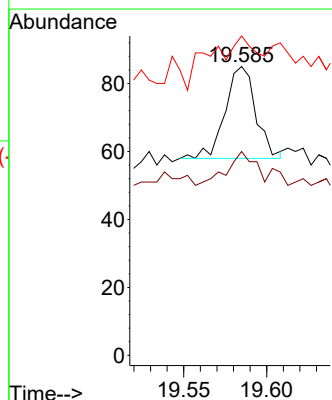
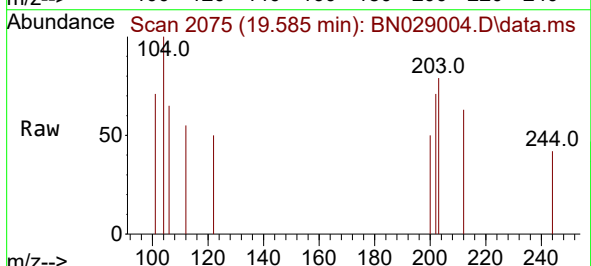
Tgt Ion:202 Resp: 35

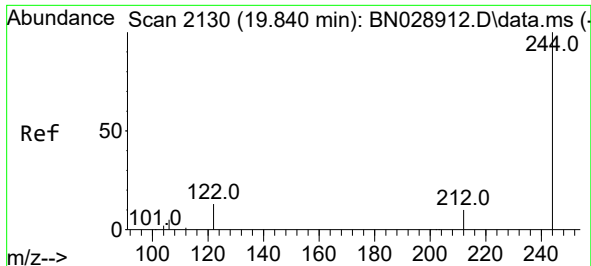
Ion Ratio Lower Upper

202 100

200 45.7 16.9 25.3#

203 14.3 14.8 22.2#

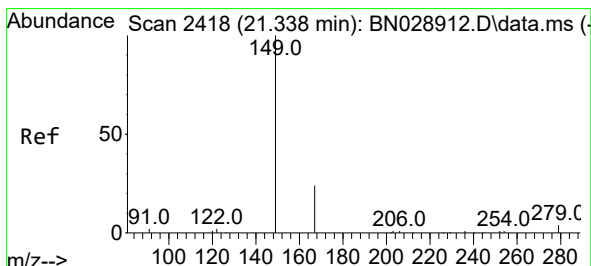
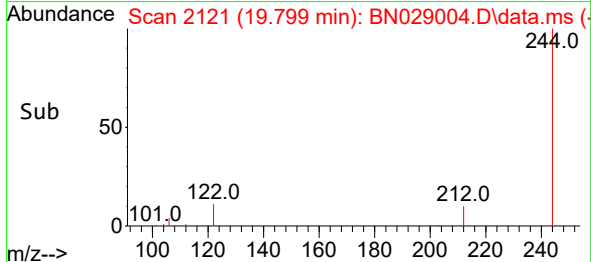
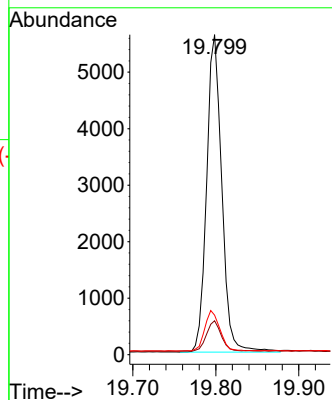
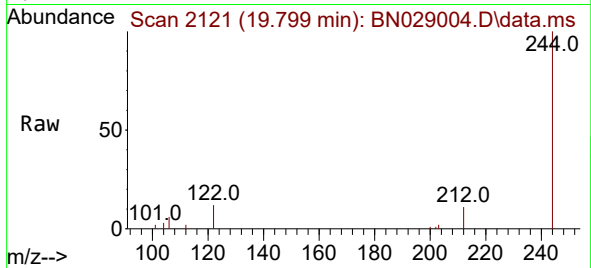




#31
 Terphenyl-d14
 Concen: 0.400 ng
 RT: 19.799 min Scan# 2130
 Delta R.T. -0.019 min
 Lab File: BN029004.D
 Acq: 03 Dec 2023 03:48

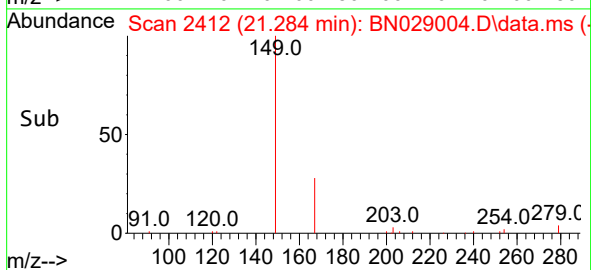
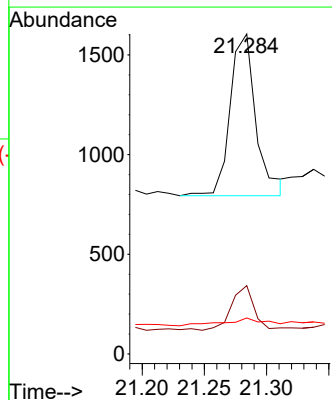
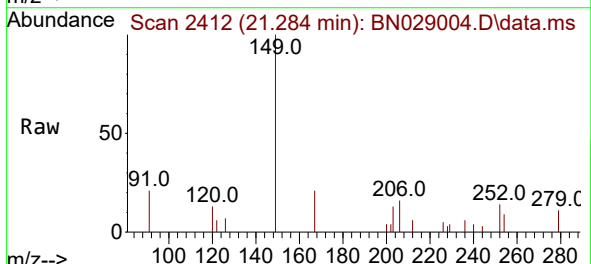
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20231109

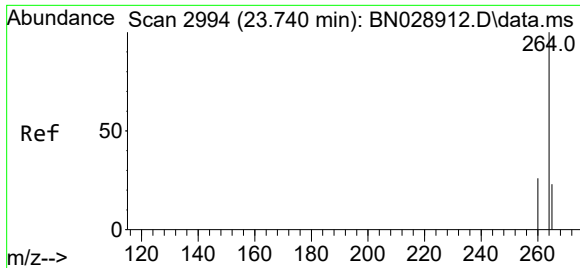
Tgt Ion:244 Resp: 7158
 Ion Ratio Lower Upper
 244 100
 212 10.6 11.5 17.3#
 122 12.4 13.2 19.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.284 min Scan# 2412
 Delta R.T. -0.018 min
 Lab File: BN029004.D
 Acq: 03 Dec 2023 03:48

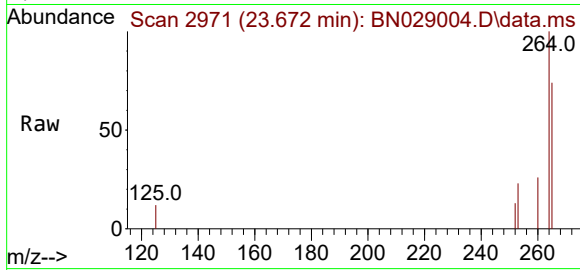
Tgt Ion:149 Resp: 1169
 Ion Ratio Lower Upper
 149 100
 167 23.5 14.9 22.3#
 279 7.7 6.3 9.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.672 min Scan# 2994
 Delta R.T. -0.035 min
 Lab File: BN029004.D
 Acq: 03 Dec 2023 03:48

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20231109



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#

