

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030053.D
 Acq On : 26 Feb 2024 12:10
 Operator : MA/JU
 Sample : P1507-12DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20240214DL

Quant Time: Feb 26 12:37:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

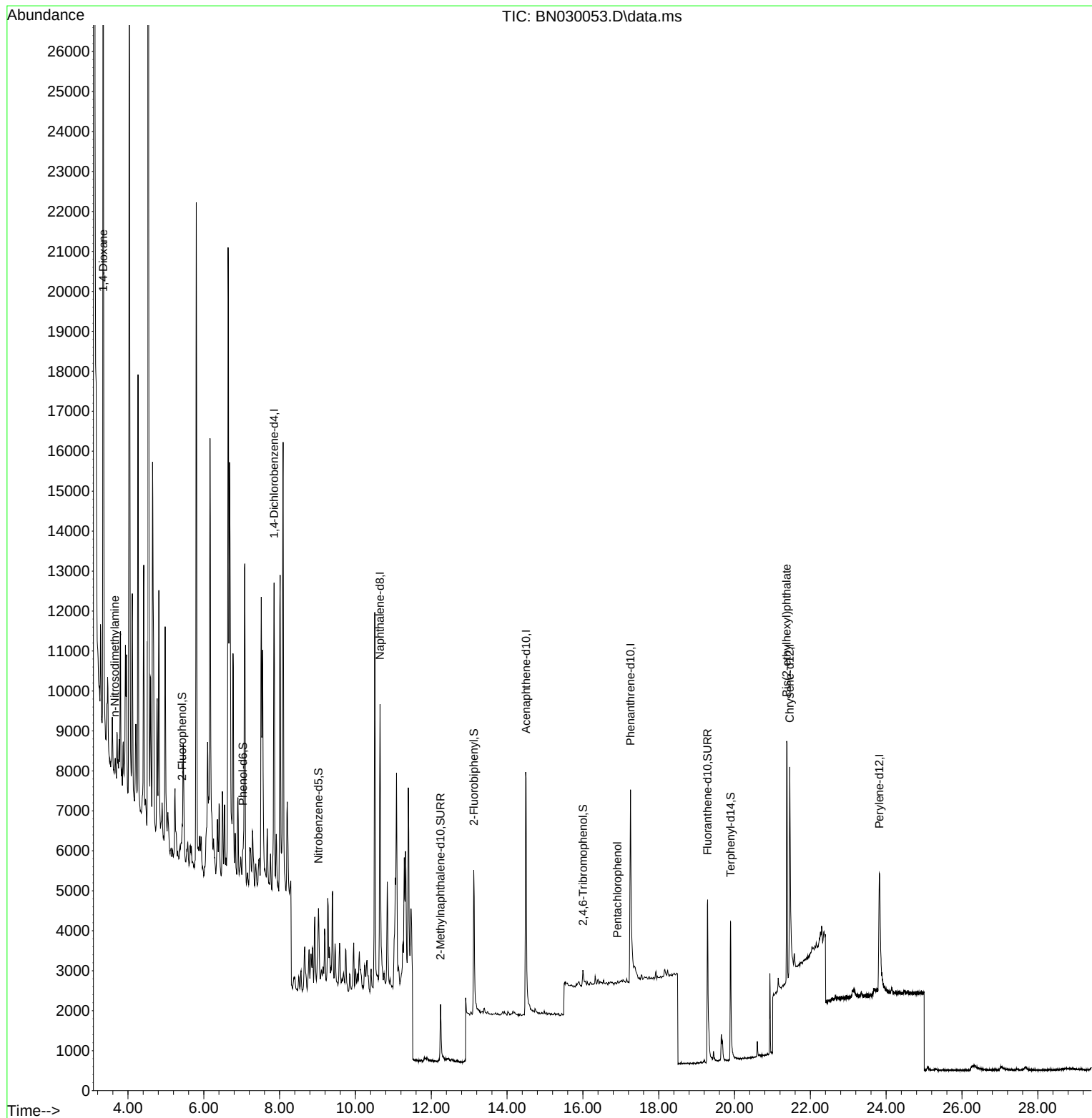
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3972	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10637	0.400	ng	0.00
13) Acenaphthene-d10	14.500	164	4974	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	10537	0.400	ng	0.00
29) Chrysene-d12	21.456	240	7767	0.400	ng	0.00
35) Perylene-d12	23.820	264	6852	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	655	0.069	ng	0.00
5) Phenol-d6	7.031	99	546	0.050	ng	0.00
8) Nitrobenzene-d5	9.025	82	1684	0.190	ng	0.01
11) 2-Methylnaphthalene-d10	12.246	152	2460	0.170	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	346	0.217	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	4132	0.194	ng	0.00
27) Fluoranthene-d10	19.289	212	6052	0.237	ng	0.00
31) Terphenyl-d14	19.898	244	4699	0.244	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	16117	2.882	ng	# 93
3) n-Nitrosodimethylamine	3.658	42	113	0.025	ng	# 1
24) Pentachlorophenol	16.908	266	51	0.021	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.375	149	6474	0.358	ng	100

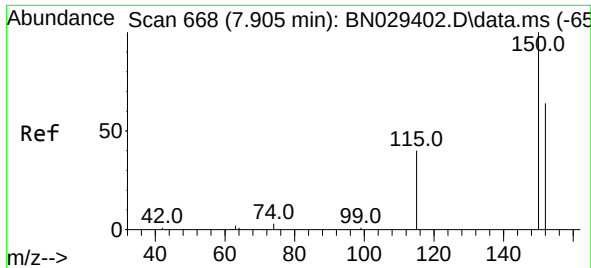
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
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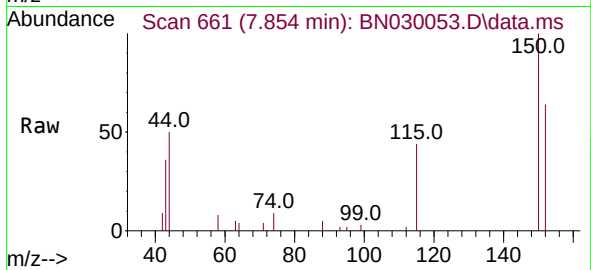
Quant Time: Feb 26 12:37:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



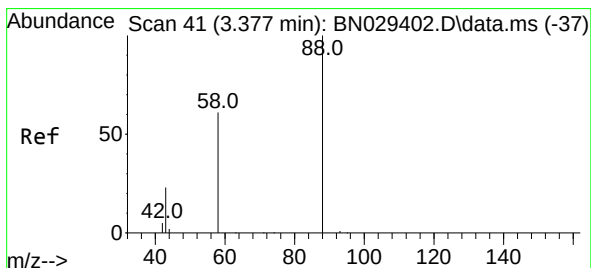
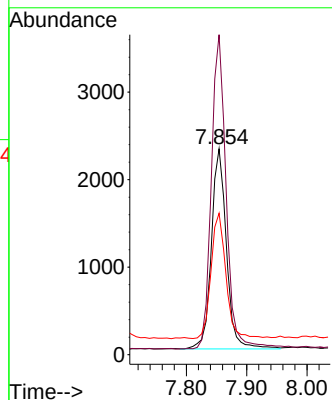
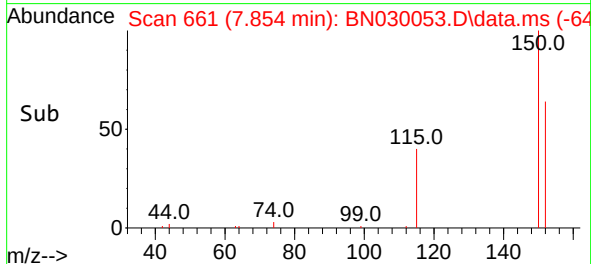


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN030053.D
 Acq: 26 Feb 2024 12:10

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20240214DL

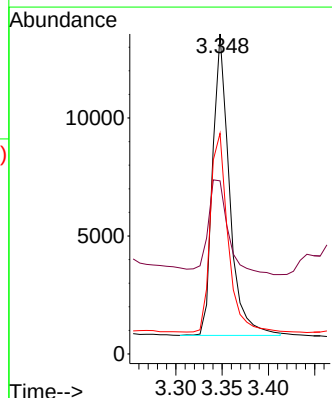
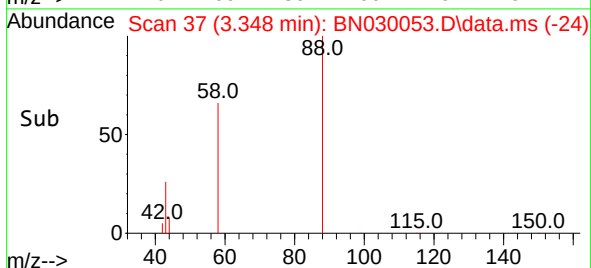
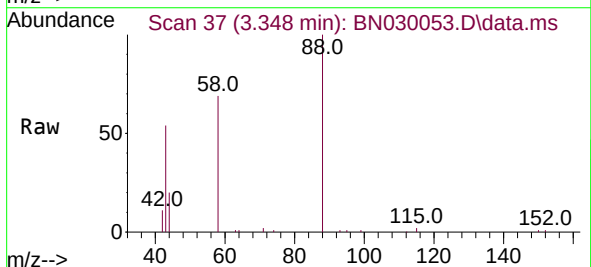


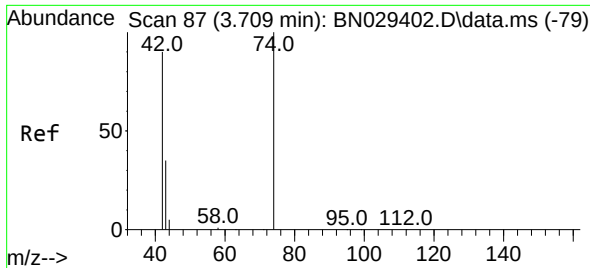
Tgt Ion:152 Resp: 3972
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.0 184.4
 115 68.7 51.4 77.0



#2
 1,4-Dioxane
 Concen: 2.882 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030053.D
 Acq: 26 Feb 2024 12:10

Tgt Ion: 88 Resp: 16117
 Ion Ratio Lower Upper
 88 100
 43 38.1 23.3 34.9#
 58 69.1 53.8 80.6





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.658 min Scan# 80

Delta R.T. -0.029 min

Lab File: BN030053.D

Acq: 26 Feb 2024 12:10

Instrument :

BNA_N

ClientSampleId :

RE132D2-20240214DL

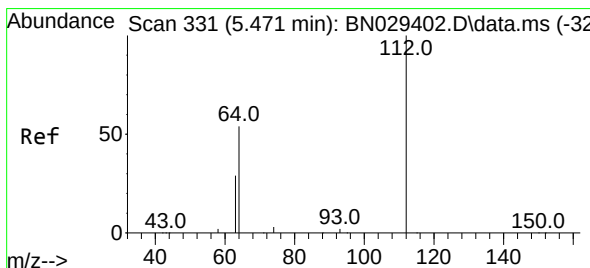
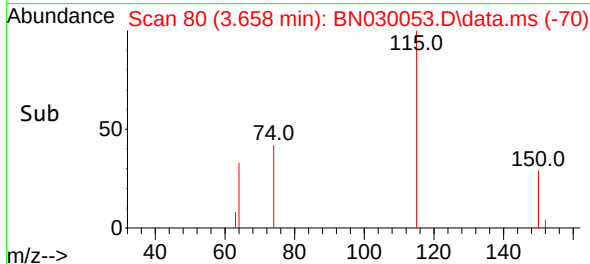
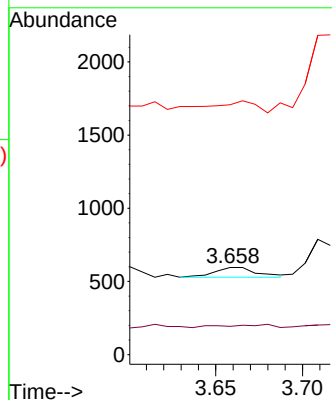
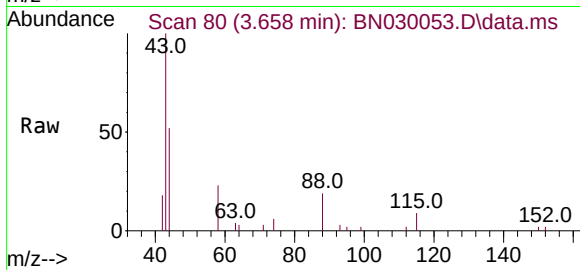
Tgt Ion: 42 Resp: 113

Ion Ratio Lower Upper

42 100

74 0.0 93.7 140.5#

44 110.6 13.0 19.4#



#4

2-Fluorophenol

Concen: 0.069 ng

RT: 5.428 min Scan# 325

Delta R.T. 0.000 min

Lab File: BN030053.D

Acq: 26 Feb 2024 12:10

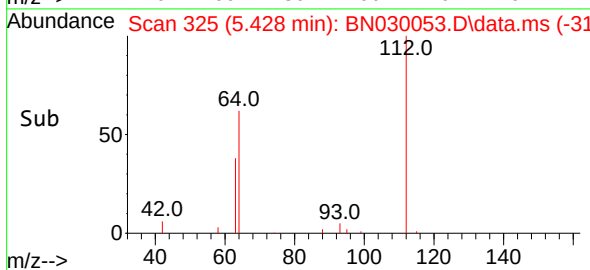
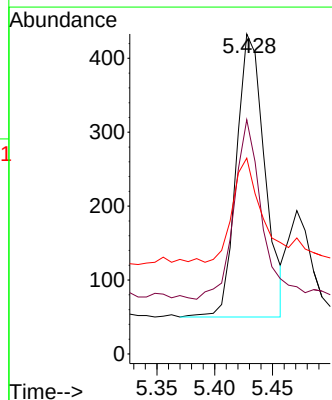
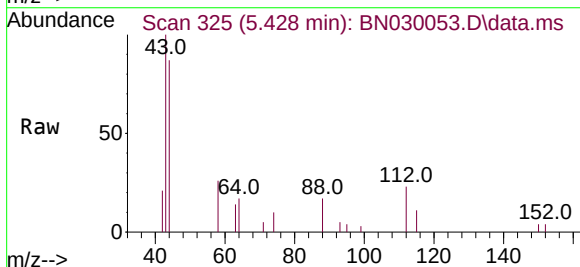
Tgt Ion: 112 Resp: 655

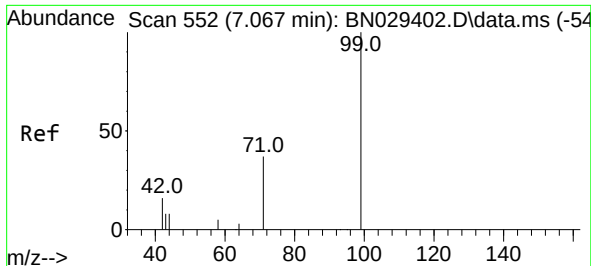
Ion Ratio Lower Upper

112 100

64 66.0 47.2 70.8

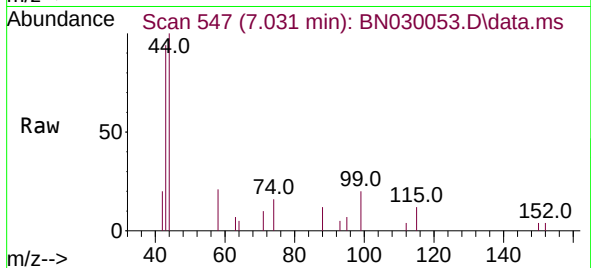
63 42.9 25.8 38.6#



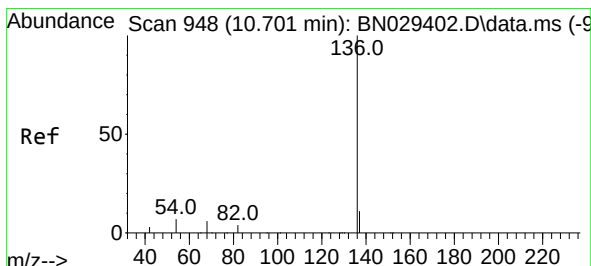
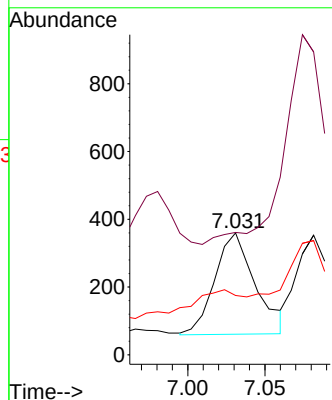
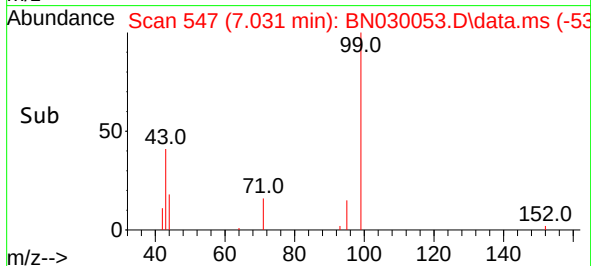


#5
Phenol-d6
Concen: 0.050 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030053.D
Acq: 26 Feb 2024 12:10

Instrument :
BNA_N
ClientSampleId :
RE132D2-20240214DL

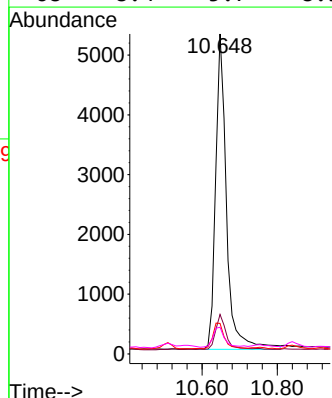
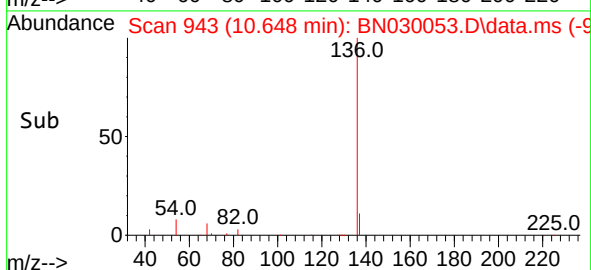
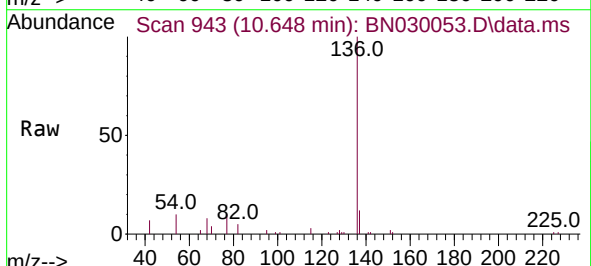


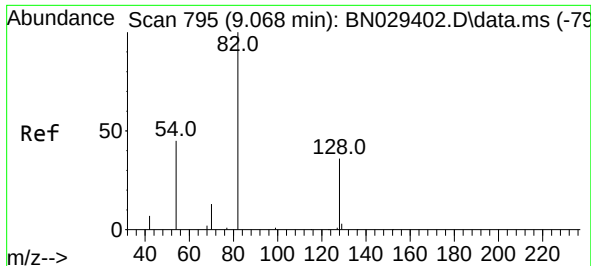
Tgt Ion: 99 Resp: 546
Ion Ratio Lower Upper
99 100
42 0.0 16.9 25.3#
71 38.1 30.0 45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN030053.D
Acq: 26 Feb 2024 12:10

Tgt Ion: 136 Resp: 10637
Ion Ratio Lower Upper
136 100
137 12.4 9.7 14.5
54 9.6 6.6 10.0
68 8.4 5.7 8.5

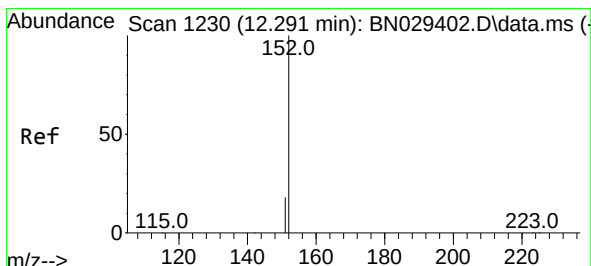
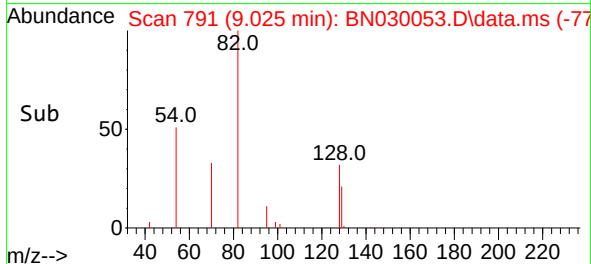
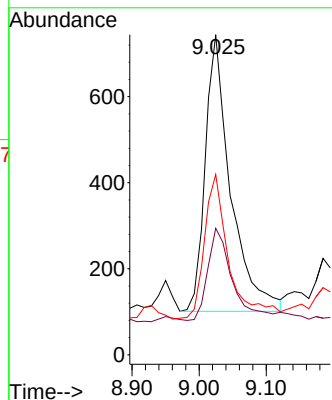
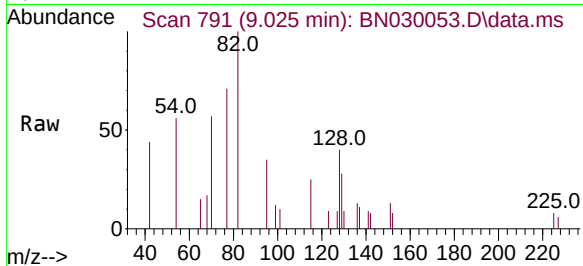




#8
Nitrobenzene-d5
Concen: 0.190 ng
RT: 9.025 min Scan# 795
Delta R.T. 0.011 min
Lab File: BN030053.D
Acq: 26 Feb 2024 12:10

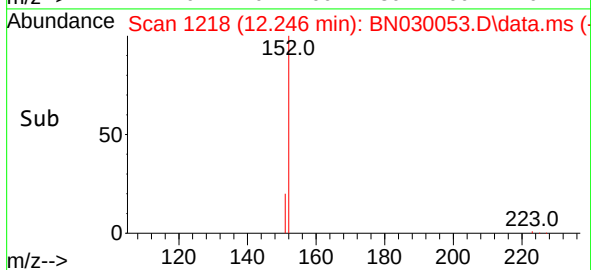
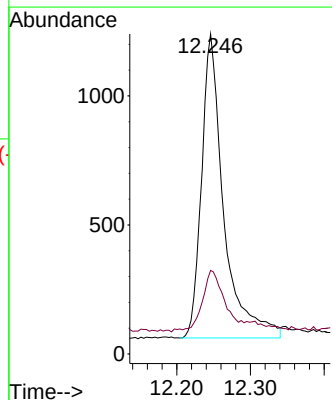
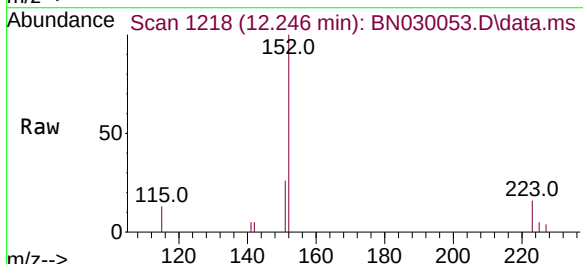
Instrument :
BNA_N
ClientSampleId :
RE132D2-20240214DL

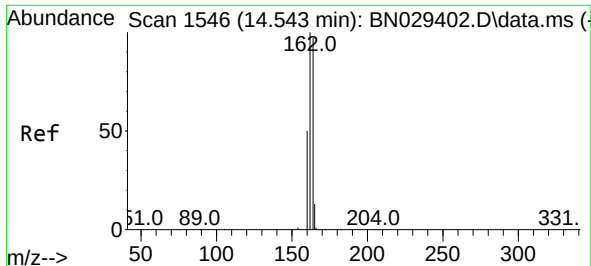
Tgt Ion: 82 Resp: 1684
Ion Ratio Lower Upper
82 100
128 39.5 31.6 47.4
54 56.3 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.170 ng
RT: 12.246 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BN030053.D
Acq: 26 Feb 2024 12:10

Tgt Ion: 152 Resp: 2460
Ion Ratio Lower Upper
152 100
151 21.5 17.1 25.7

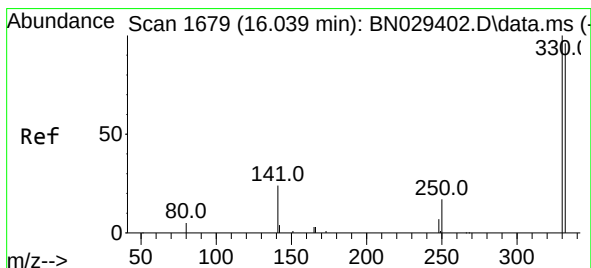
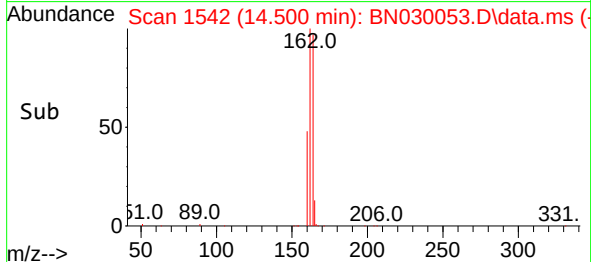
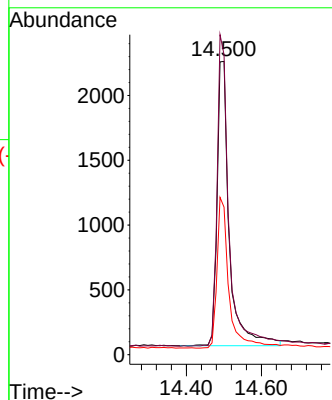
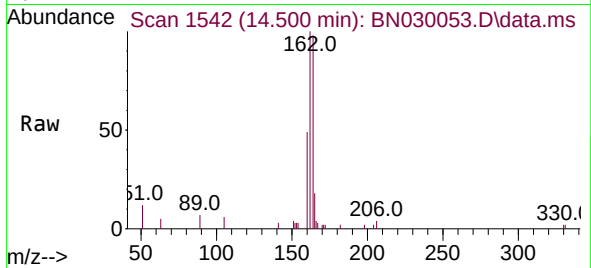




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN030053.D
Acq: 26 Feb 2024 12:10

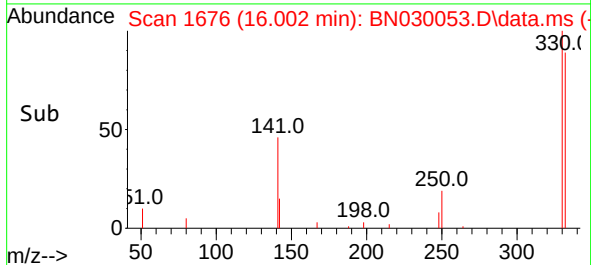
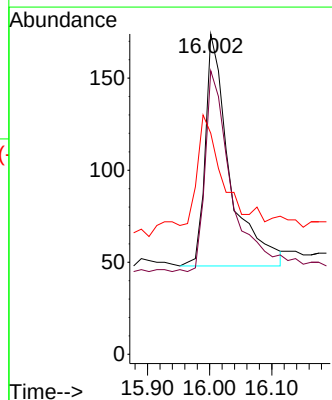
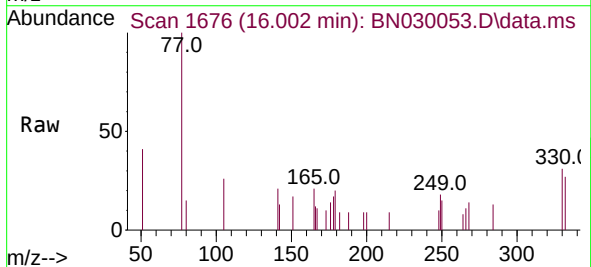
Instrument :
BNA_N
ClientSampleId :
RE132D2-20240214DL

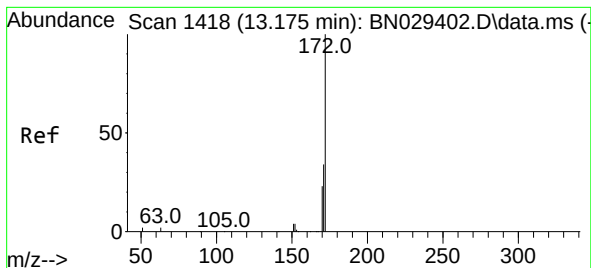
Tgt Ion:164	Resp:	4974
Ion Ratio	Lower	Upper
164	100	
162	102.3	82.6 123.8
160	50.3	41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 16.002 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BN030053.D
Acq: 26 Feb 2024 12:10

Tgt Ion:330	Resp:	346
Ion Ratio	Lower	Upper
330	100	
332	90.5	76.0 114.0
141	48.8	43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.194 ng

RT: 13.121 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BN030053.D

Acq: 26 Feb 2024 12:10

Instrument :

BNA_N

ClientSampleId :

RE132D2-20240214DL

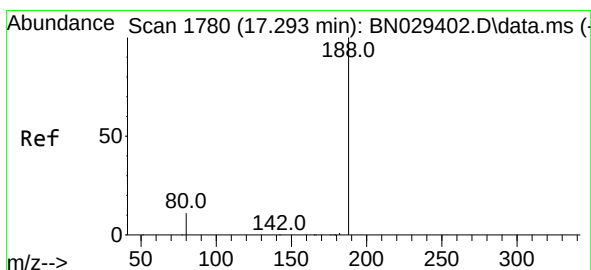
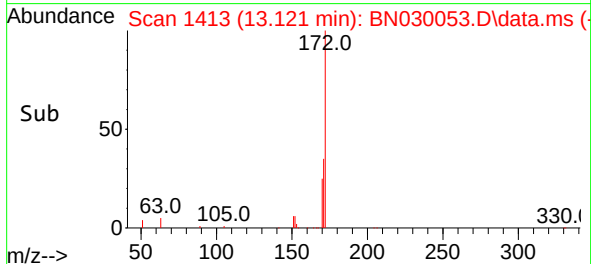
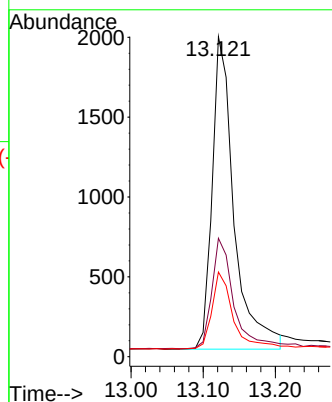
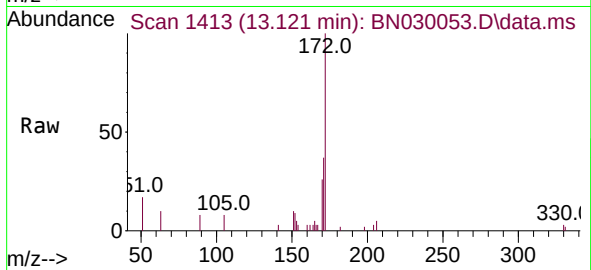
Tgt Ion:172 Resp: 4132

Ion Ratio Lower Upper

172 100

171 37.0 28.0 42.0

170 26.4 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BN030053.D

Acq: 26 Feb 2024 12:10

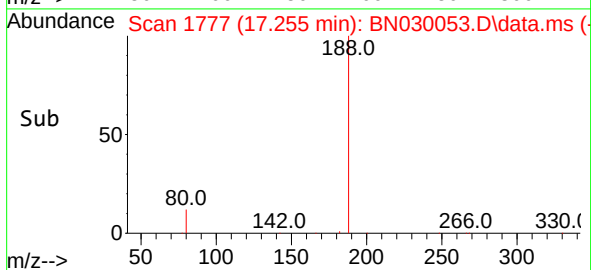
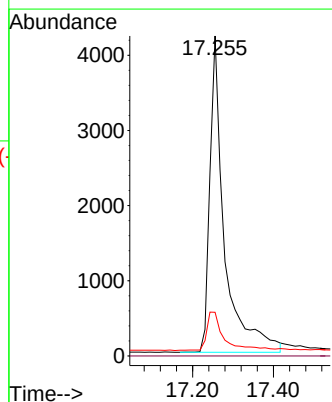
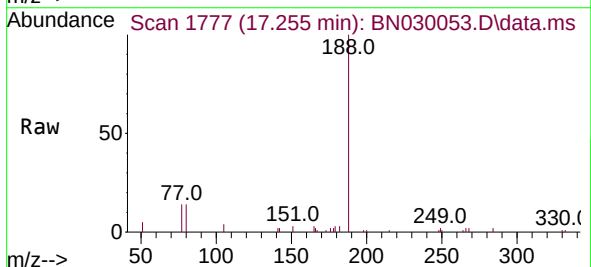
Tgt Ion:188 Resp: 10537

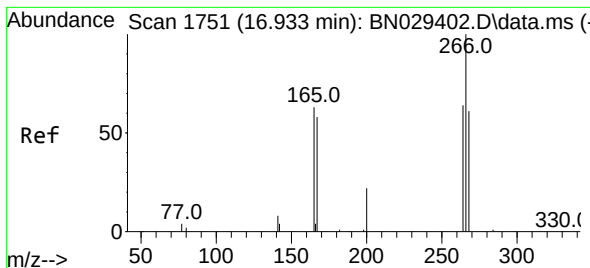
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 10.0 15.0





#24

Pentachlorophenol

Concen: 0.021 ng

RT: 16.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN030053.D

Acq: 26 Feb 2024 12:10

Instrument :

BNA_N

ClientSampleId :

RE132D2-20240214DL

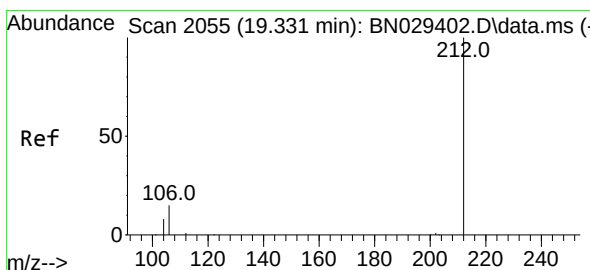
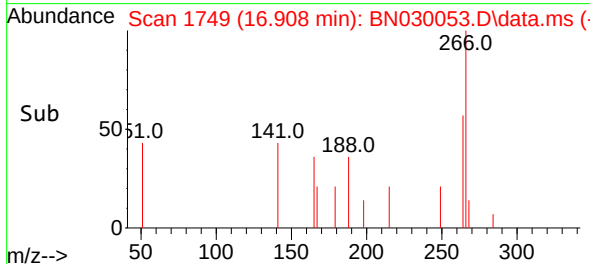
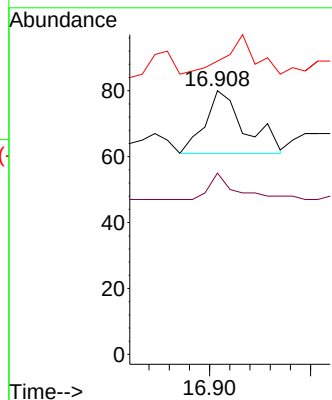
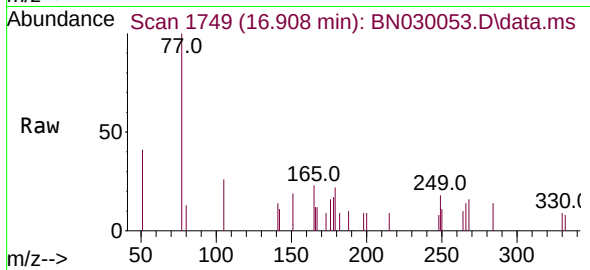
Tgt Ion:266 Resp: 51

Ion Ratio Lower Upper

266 100

264 29.4 50.8 76.2#

268 0.0 51.5 77.3#



#27

Fluoranthene-d10

Concen: 0.237 ng

RT: 19.289 min Scan# 2046

Delta R.T. 0.000 min

Lab File: BN030053.D

Acq: 26 Feb 2024 12:10

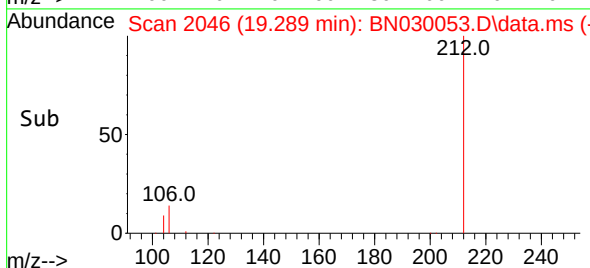
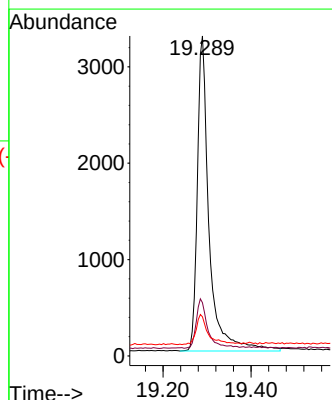
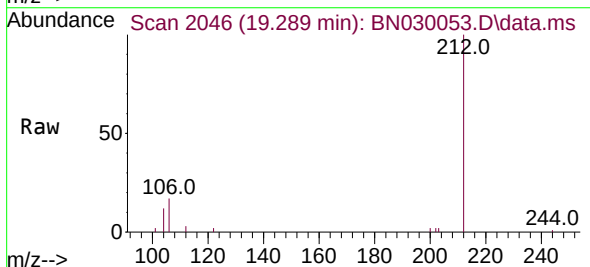
Tgt Ion:212 Resp: 6052

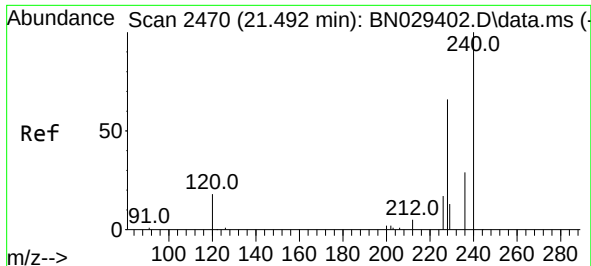
Ion Ratio Lower Upper

212 100

106 15.2 13.2 19.8

104 10.1 7.7 11.5

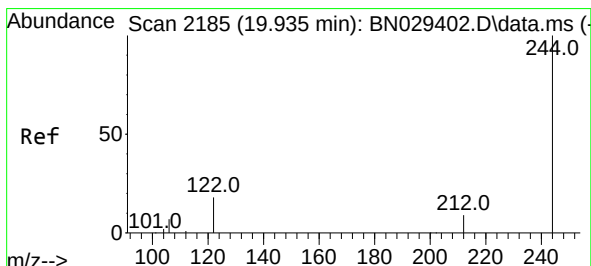
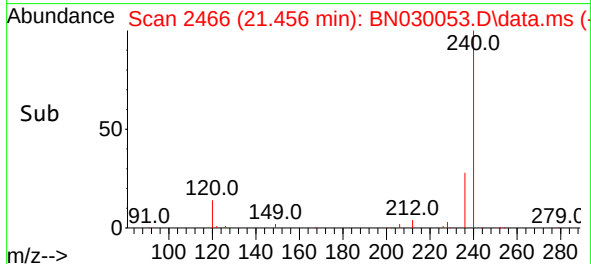
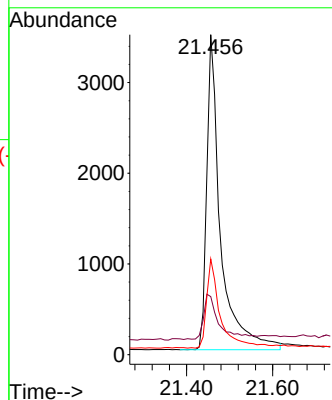
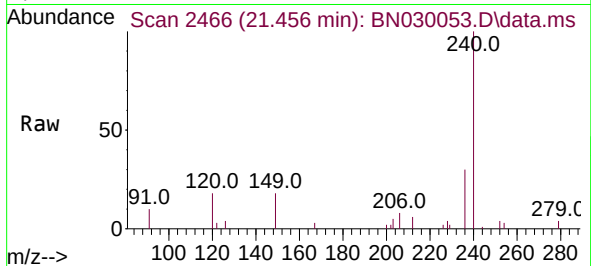




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BN030053.D
Acq: 26 Feb 2024 12:10

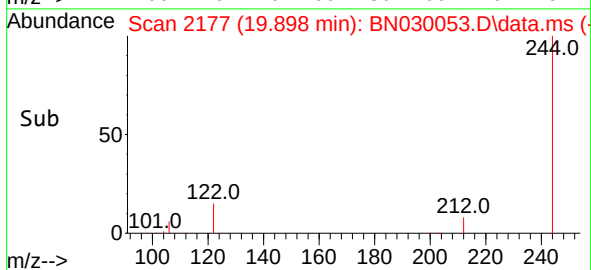
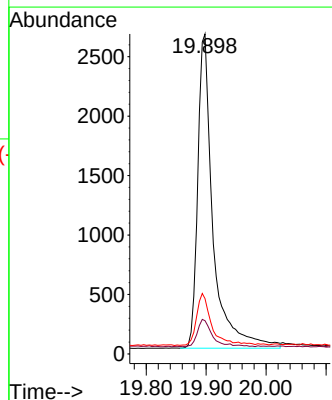
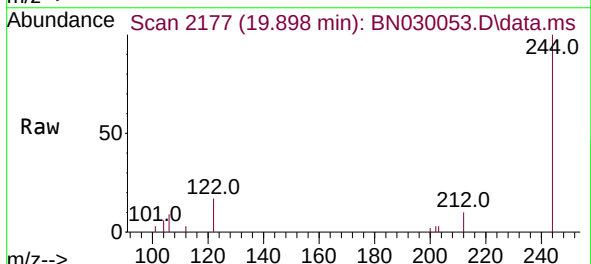
Instrument :
BNA_N
ClientSampleId :
RE132D2-20240214DL

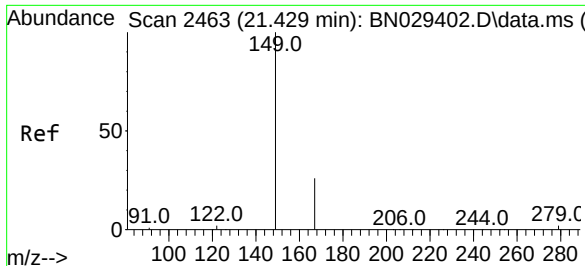
Tgt Ion:240 Resp: 7767
Ion Ratio Lower Upper
240 100
120 18.1 16.7 25.1
236 29.9 23.9 35.9



#31
Terphenyl-d14
Concen: 0.244 ng
RT: 19.898 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BN030053.D
Acq: 26 Feb 2024 12:10

Tgt Ion:244 Resp: 4699
Ion Ratio Lower Upper
244 100
212 10.4 8.2 12.4
122 17.3 15.6 23.4

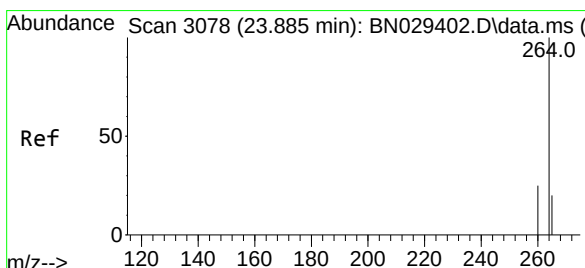
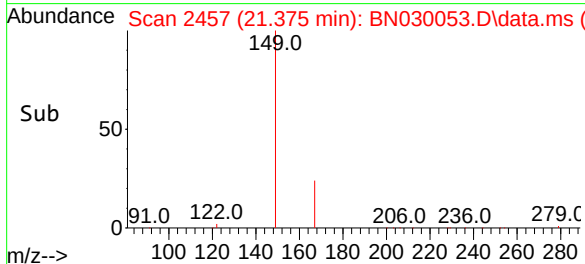
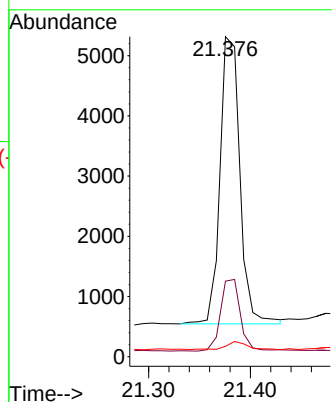
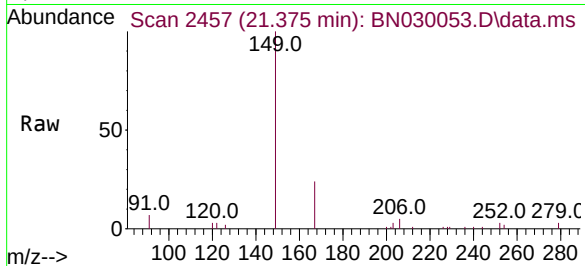




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.358 ng
 RT: 21.375 min Scan# 2463
 Delta R.T. -0.009 min
 Lab File: BN030053.D
 Acq: 26 Feb 2024 12:10

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20240214DL

Tgt Ion:	149	Resp:	6474
Ion Ratio	Lower	Upper	
149	100		
167	24.9	20.1	30.1
279	3.0	2.5	3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.820 min Scan# 3056
 Delta R.T. 0.000 min
 Lab File: BN030053.D
 Acq: 26 Feb 2024 12:10

Tgt Ion:	264	Resp:	6852
Ion Ratio	Lower	Upper	
264	100		
260	26.0	21.2	31.8
265	80.3	41.5	62.3

