

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030823\
 Data File : BN024159.D
 Acq On : 08 Mar 2023 00:49
 Operator : CG/JU
 Sample : 01683-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230223

Quant Time: Mar 08 04:13:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 08 03:54:47 2023
 Response via : Initial Calibration

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

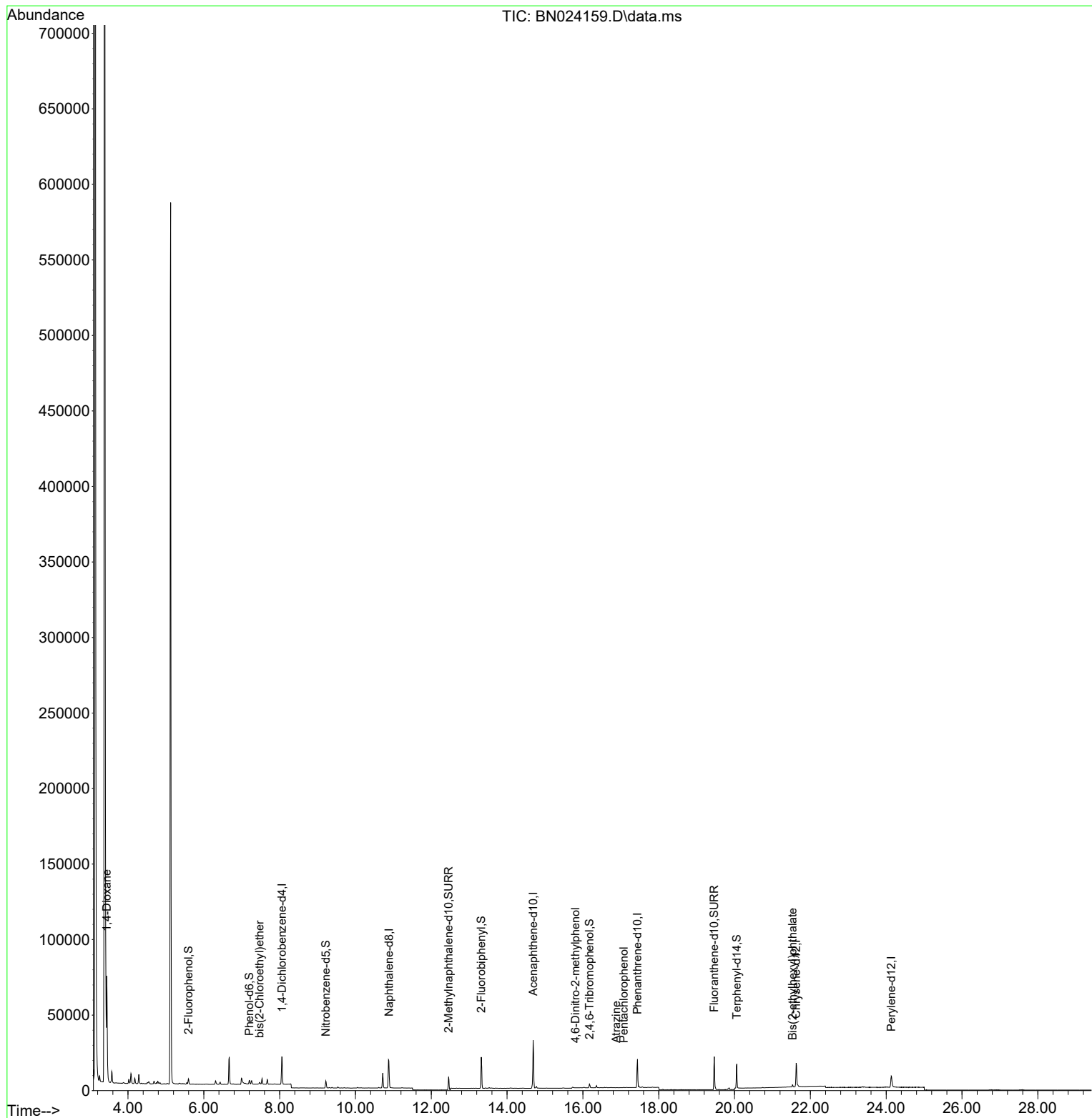
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	8862	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	25450	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	13444	0.400	ng	-0.01
19) Phenanthrene-d10	17.439	188	24983	0.400	ng	0.00
29) Chrysene-d12	21.625	240	16235	0.400	ng	# 0.00
35) Perylene-d12	24.135	264	12754	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	2738	0.148	ng	0.00
5) Phenol-d6	7.204	99	2067	0.086	ng	0.00
8) Nitrobenzene-d5	9.217	82	3616	0.310	ng	-0.01
11) 2-Methylnaphthalene-d10	12.457	152	12759	0.314	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	1412	0.254	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	17204	0.324	ng	0.00
27) Fluoranthene-d10	19.464	212	22884	0.453	ng	0.00
31) Terphenyl-d14	20.058	244	14999	0.522	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	36420	4.103	ng	98
6) bis(2-Chloroethyl)ether	7.472	93	787	0.033	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.801	198	18	0.178	ng	# 1
23) Atrazine	16.881	200	21	0.099	ng	# 5
24) Pentachlorophenol	17.079	266	136	0.172	ng	92
34) Bis(2-ethylhexyl)phtha...	21.527	149	1690	0.085	ng	97

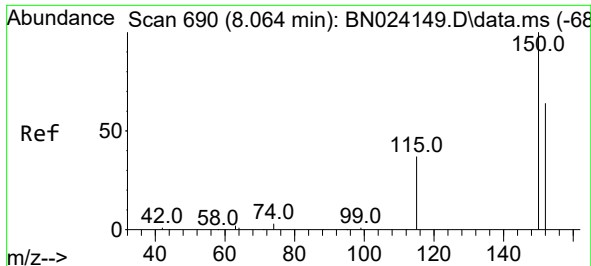
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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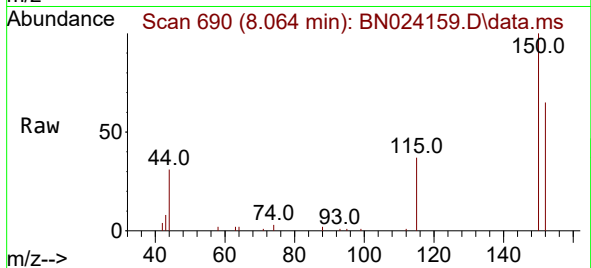
Quant Time: Mar 08 04:13:12 2023
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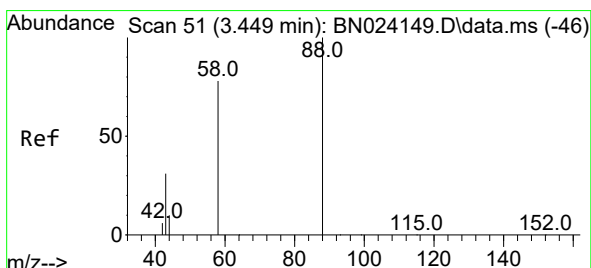
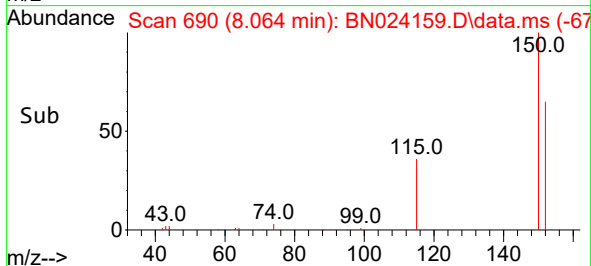
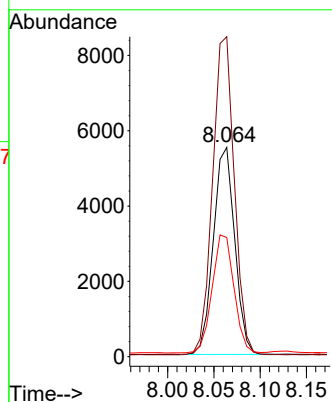
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024159.D
 Acq: 08 Mar 2023 00:49

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230223



Tgt Ion:152 Resp: 8862

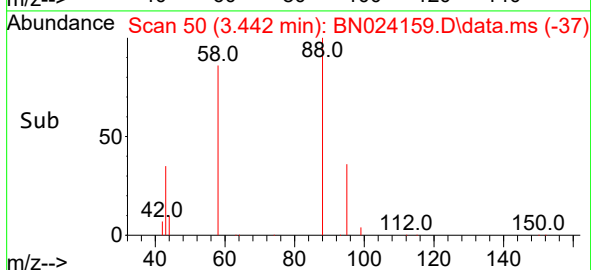
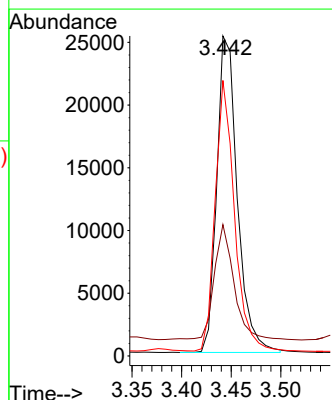
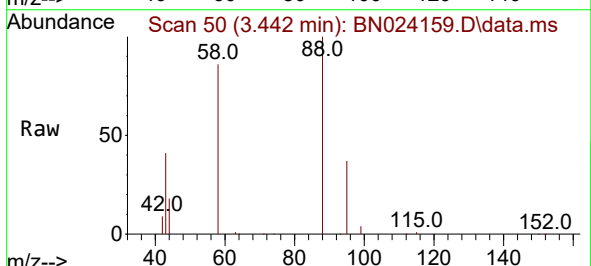
Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.8	185.6
115	56.9	46.4	69.6

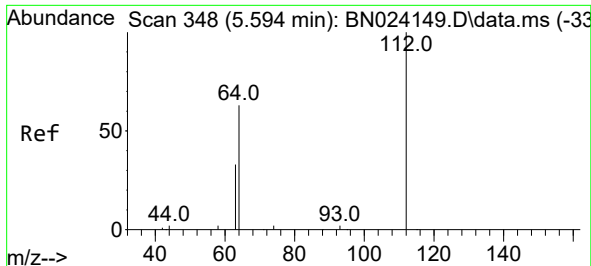


#2
 1,4-Dioxane
 Concen: 4.103 ng
 RT: 3.442 min Scan# 50
 Delta R.T. -0.007 min
 Lab File: BN024159.D
 Acq: 08 Mar 2023 00:49

Tgt Ion: 88 Resp: 36420

Ion	Ratio	Lower	Upper
88	100		
43	34.7	27.8	41.8
58	79.9	65.8	98.6

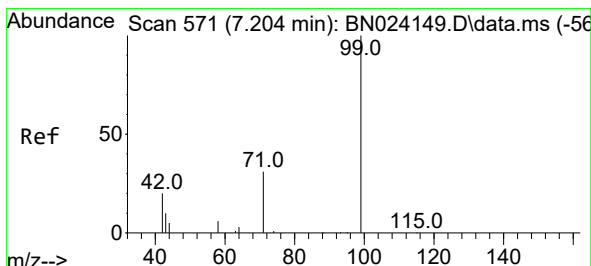
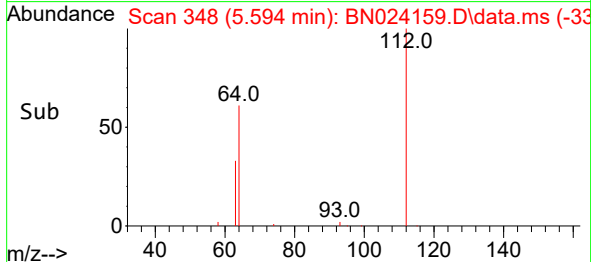
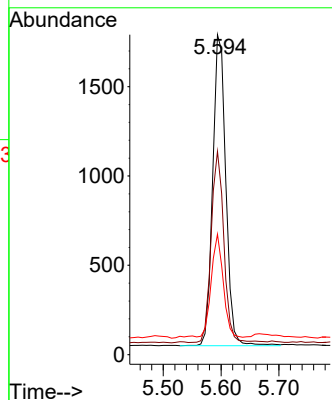
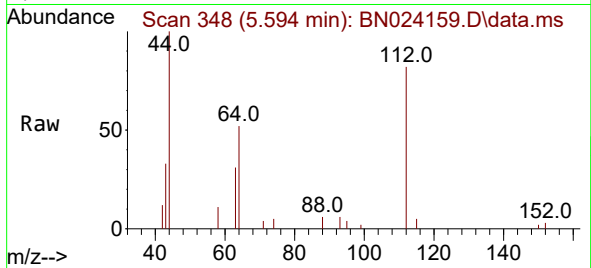




#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.594 min Scan# 348
Delta R.T. 0.000 min
Lab File: BN024159.D
Acq: 08 Mar 2023 00:49

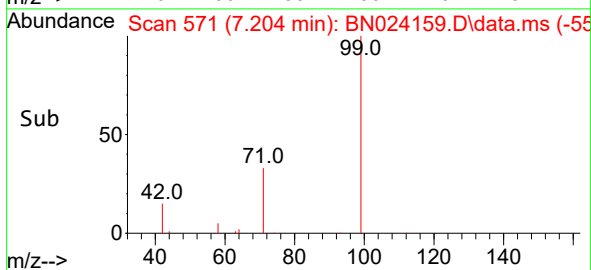
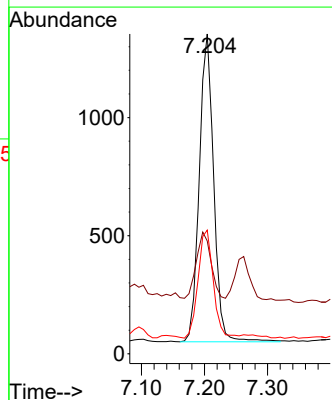
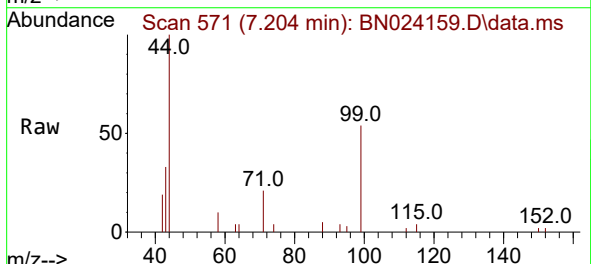
Instrument :
BNA_N
ClientSampleId :
SP-100-20230223

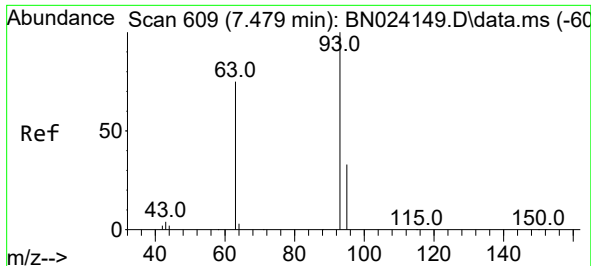
Tgt Ion:112 Resp: 2738
Ion Ratio Lower Upper
112 100
64 59.7 48.2 72.2
63 31.8 25.4 38.2



#5
Phenol-d6
Concen: 0.086 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN024159.D
Acq: 08 Mar 2023 00:49

Tgt Ion: 99 Resp: 2067
Ion Ratio Lower Upper
99 100
42 21.8 19.2 28.8
71 37.1 25.8 38.6

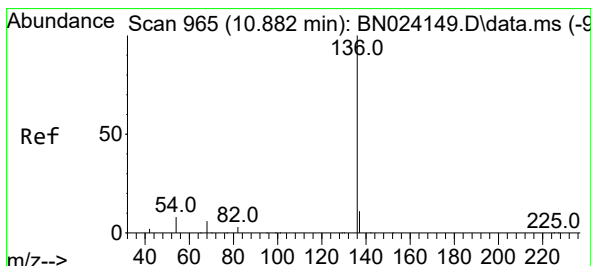
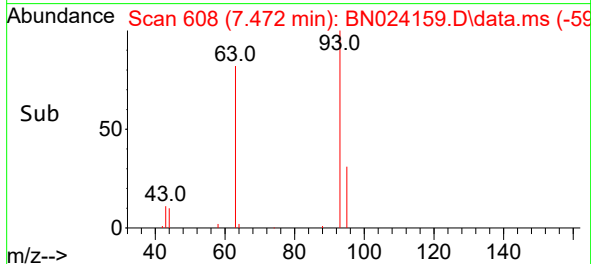
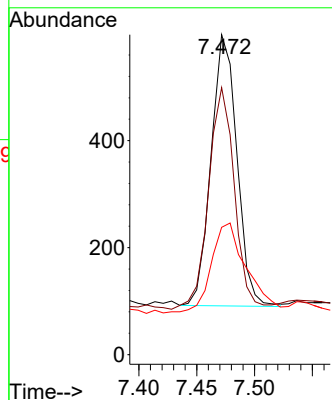
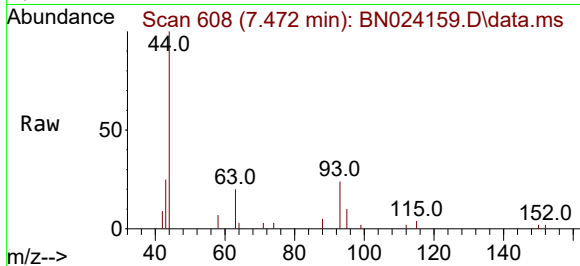




#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 7.472 min Scan# 609
Delta R.T. -0.007 min
Lab File: BN024159.D
Acq: 08 Mar 2023 00:49

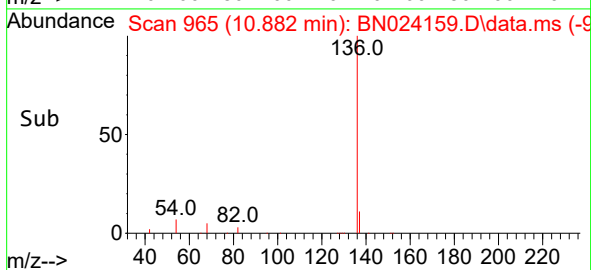
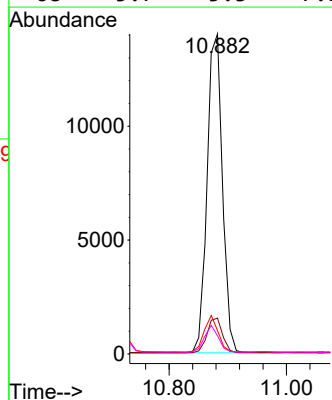
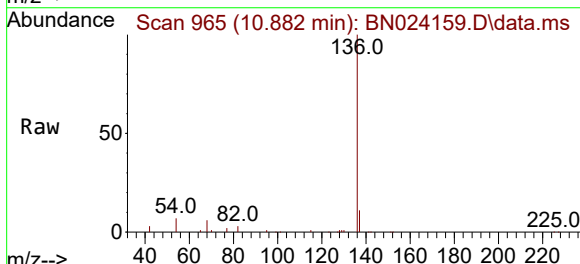
Instrument :
BNA_N
ClientSampleId :
SP-100-20230223

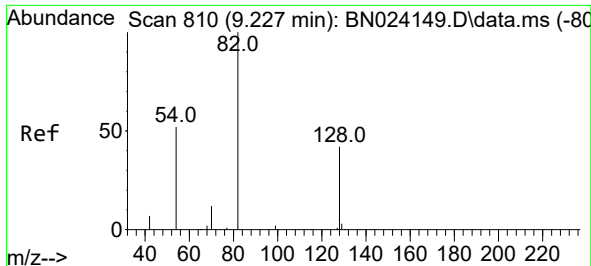
Tgt Ion: 93 Resp: 787
Ion Ratio Lower Upper
93 100
63 81.6 64.9 97.3
95 45.4 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN024159.D
Acq: 08 Mar 2023 00:49

Tgt Ion: 136 Resp: 25450
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.4 6.8 10.2
68 5.7 5.3 7.9

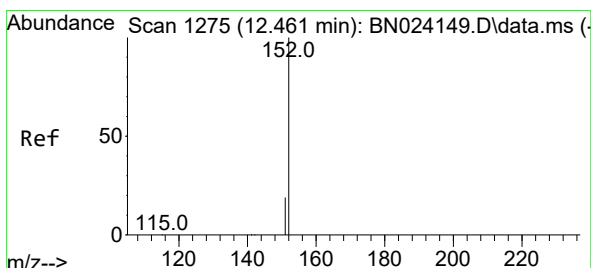
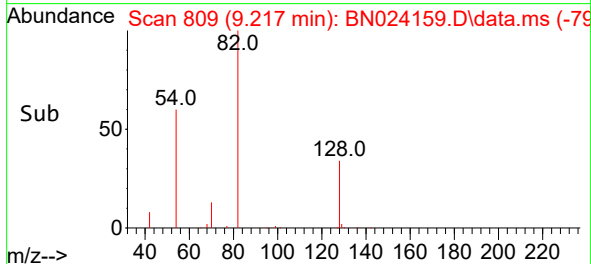
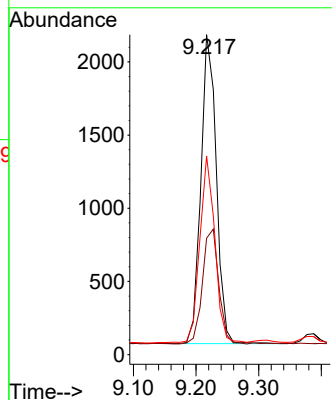
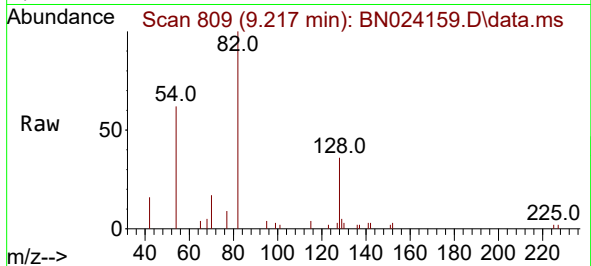




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN024159.D
Acq: 08 Mar 2023 00:49

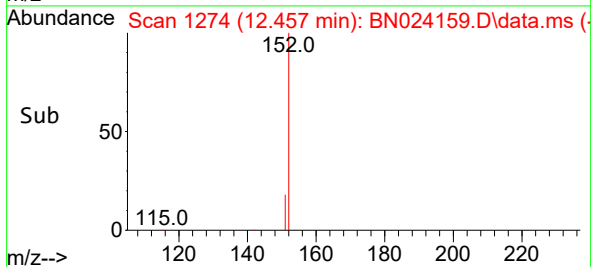
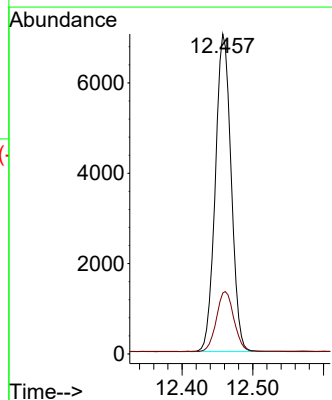
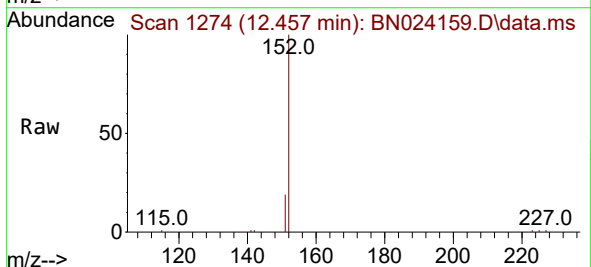
Instrument :
BNA_N
ClientSampleId :
SP-100-20230223

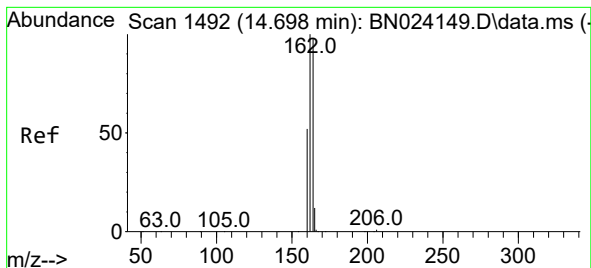
Tgt Ion: 82 Resp: 3616
Ion Ratio Lower Upper
82 100
128 36.4 34.5 51.7
54 62.1 42.8 64.2



#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.457 min Scan# 1274
Delta R.T. -0.004 min
Lab File: BN024159.D
Acq: 08 Mar 2023 00:49

Tgt Ion: 152 Resp: 12759
Ion Ratio Lower Upper
152 100
151 25.0 17.8 26.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.688 min Scan# 1491

Delta R.T. -0.011 min

Lab File: BN024159.D

Acq: 08 Mar 2023 00:49

Instrument :

BNA_N

ClientSampleId :

SP-100-20230223

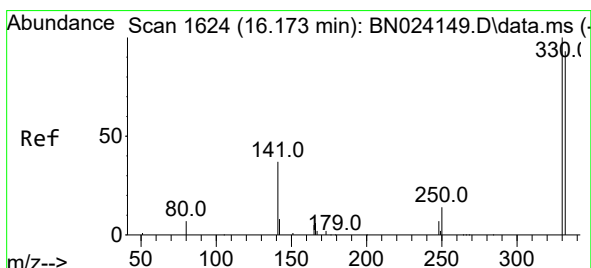
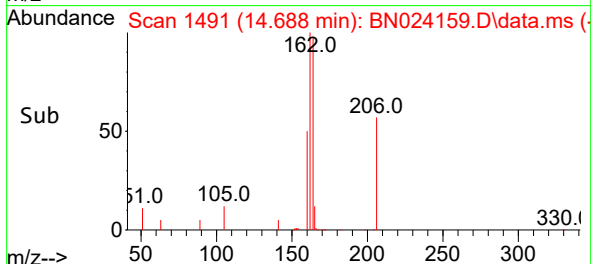
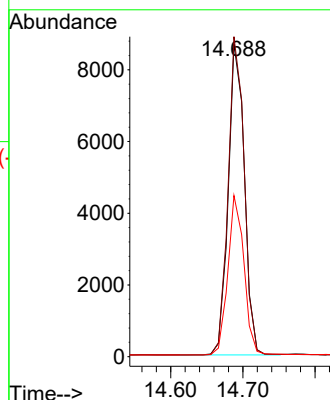
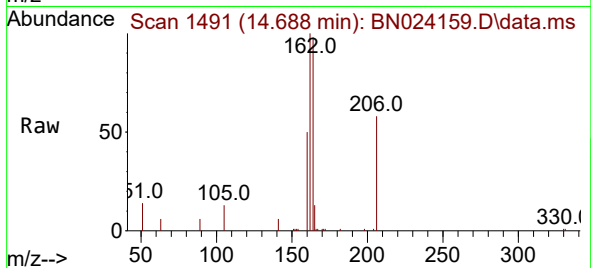
Tgt Ion:164 Resp: 13444

Ion Ratio Lower Upper

164 100

162 102.4 81.6 122.4

160 51.5 43.0 64.6



#14

2,4,6-Tribromophenol

Concen: 0.254 ng

RT: 16.173 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BN024159.D

Acq: 08 Mar 2023 00:49

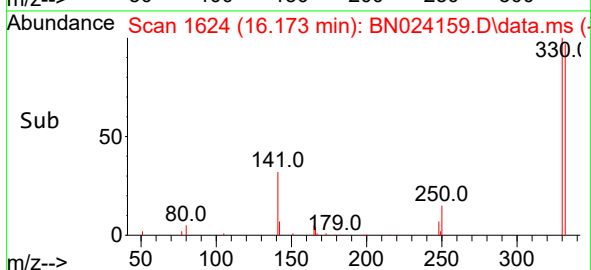
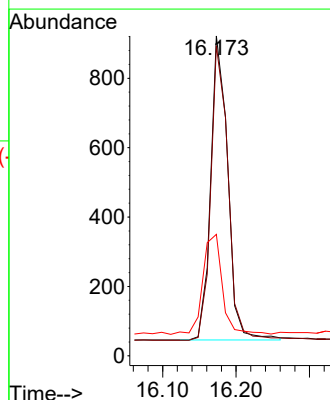
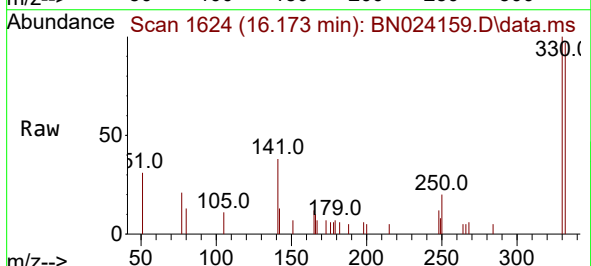
Tgt Ion:330 Resp: 1412

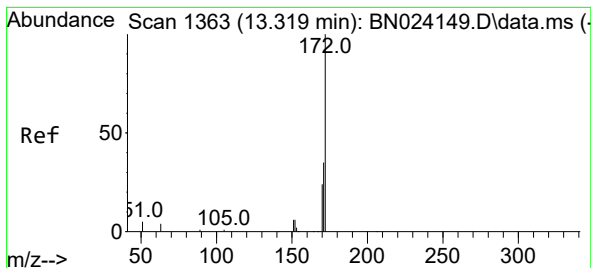
Ion Ratio Lower Upper

330 100

332 97.7 76.2 114.2

141 37.5 28.9 43.3





#15

2-Fluorobiphenyl

Concen: 0.324 ng

RT: 13.319 min Scan# 1363

Delta R.T. 0.000 min

Lab File: BN024159.D

Acq: 08 Mar 2023 00:49

Instrument :

BNA_N

ClientSampleId :

SP-100-20230223

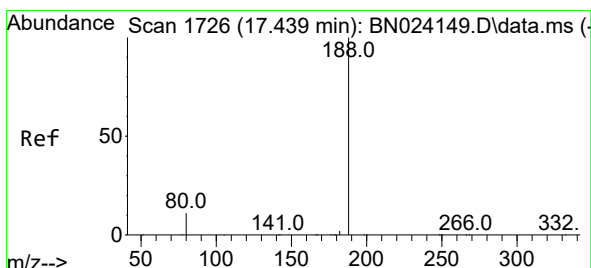
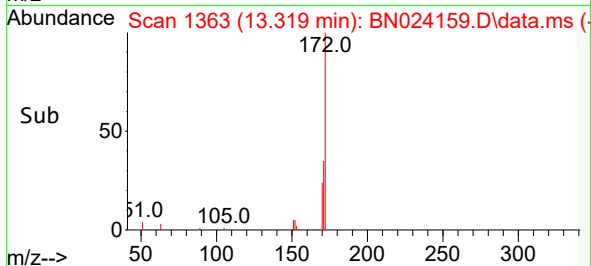
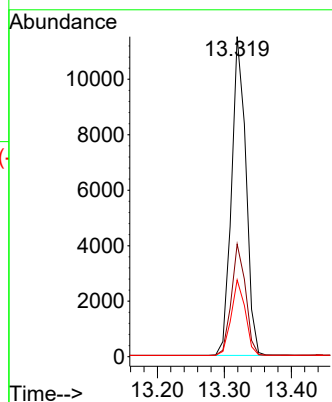
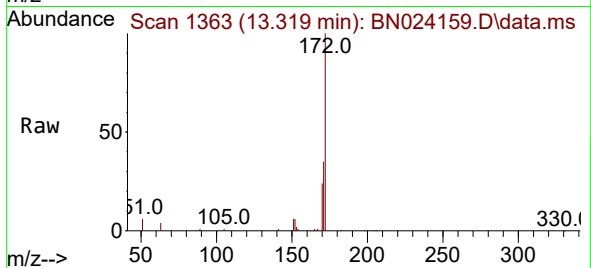
Tgt Ion:172 Resp: 17204

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 24.0 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.439 min Scan# 1726

Delta R.T. 0.000 min

Lab File: BN024159.D

Acq: 08 Mar 2023 00:49

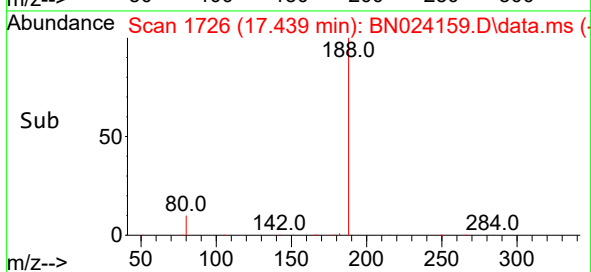
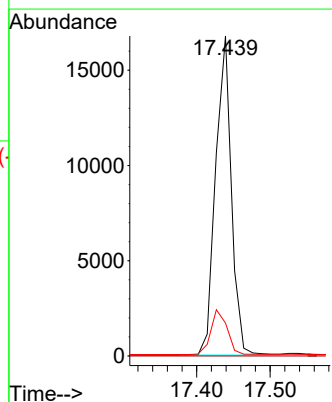
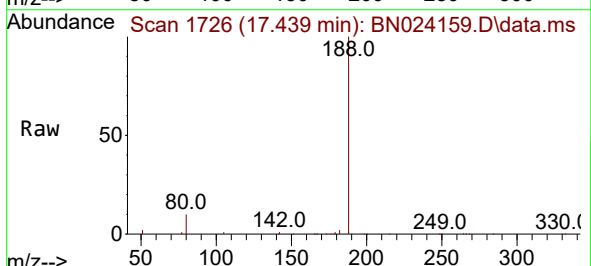
Tgt Ion:188 Resp: 24983

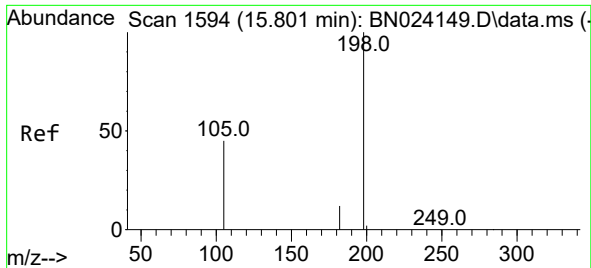
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 9.4 14.0

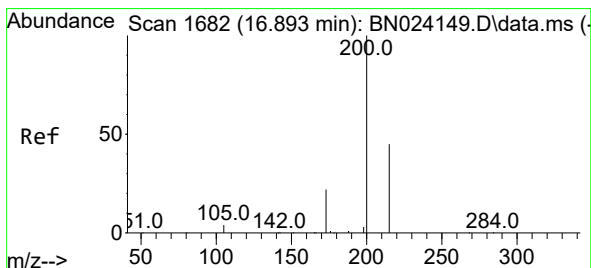
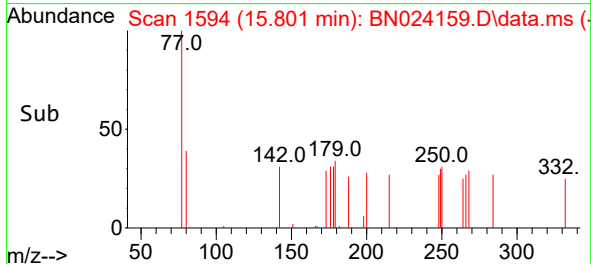
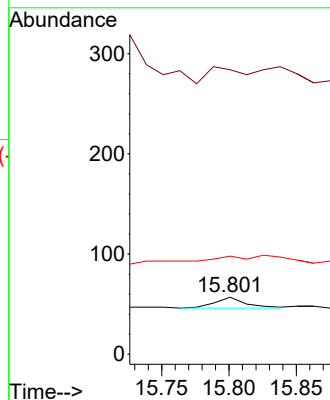
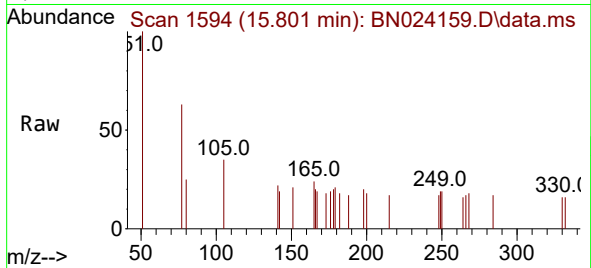




#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.801 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024159.D
Acq: 08 Mar 2023 00:49

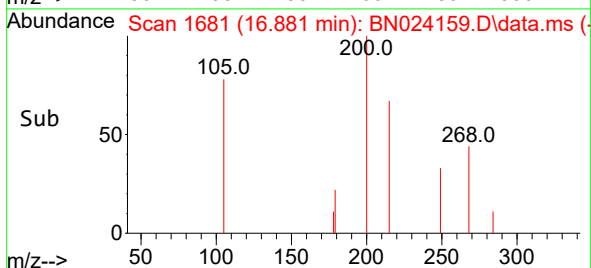
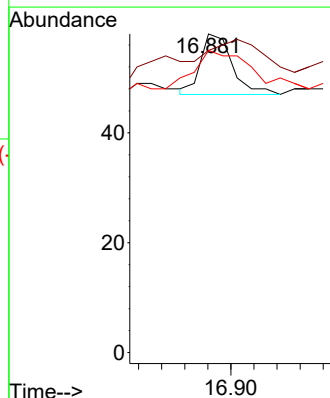
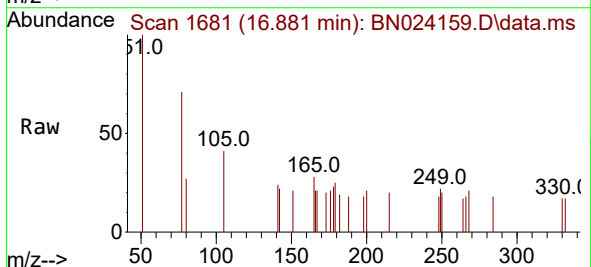
Instrument :
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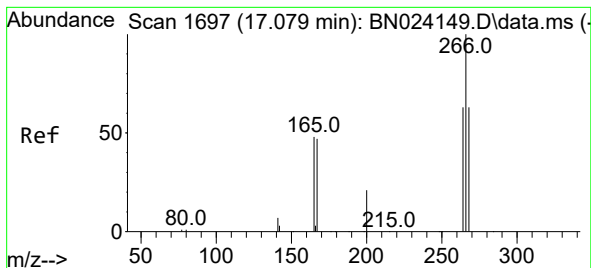
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 498.2 79.8 119.8#
105 171.9 48.8 73.2#



#23
Atrazine
Concen: 0.099 ng
RT: 16.881 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN024159.D
Acq: 08 Mar 2023 00:49

Tgt Ion:200 Resp: 21
Ion Ratio Lower Upper
200 100
173 94.8 19.8 29.6#
215 94.8 37.7 56.5#





#24

Pentachlorophenol

Concen: 0.172 ng

RT: 17.079 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BN024159.D

Acq: 08 Mar 2023 00:49

Instrument :

BNA_N

ClientSampleId :

SP-100-20230223

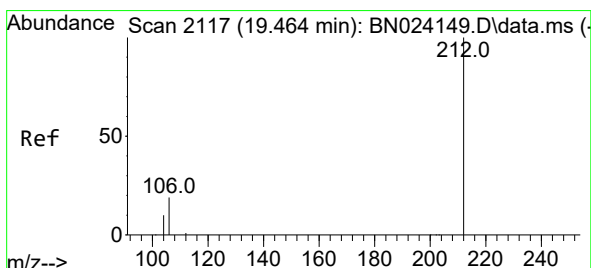
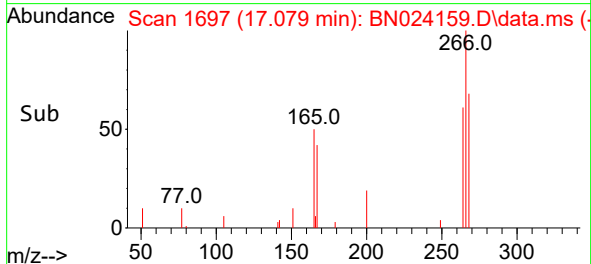
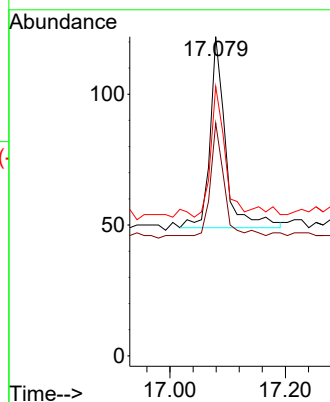
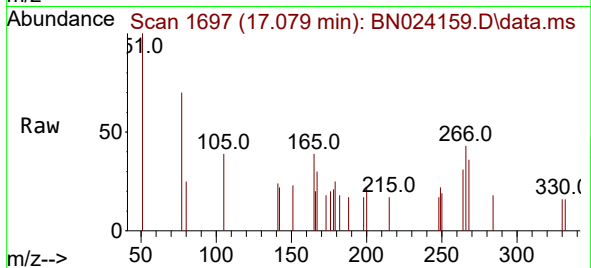
Tgt Ion:266 Resp: 136

Ion Ratio Lower Upper

266 100

264 50.0 49.4 74.0

268 63.2 51.4 77.0



#27

Fluoranthene-d10

Concen: 0.453 ng

RT: 19.464 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BN024159.D

Acq: 08 Mar 2023 00:49

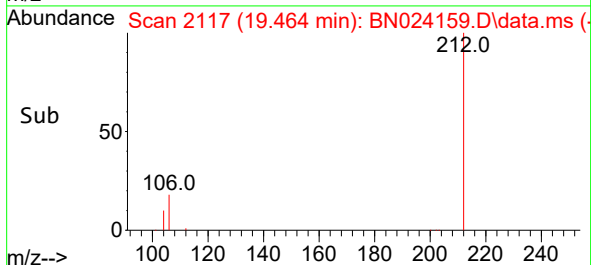
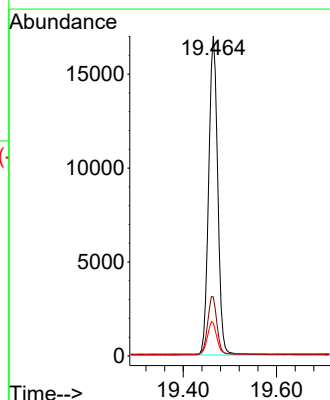
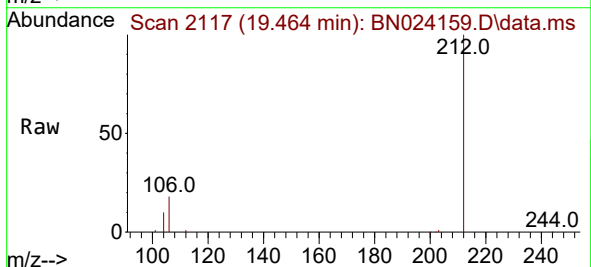
Tgt Ion:212 Resp: 22884

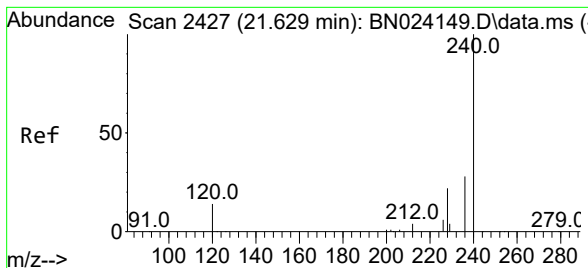
Ion Ratio Lower Upper

212 100

106 18.5 14.9 22.3

104 10.4 8.4 12.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BN024159.D

Acq: 08 Mar 2023 00:49

Instrument :

BNA_N

ClientSampleId :

SP-100-20230223

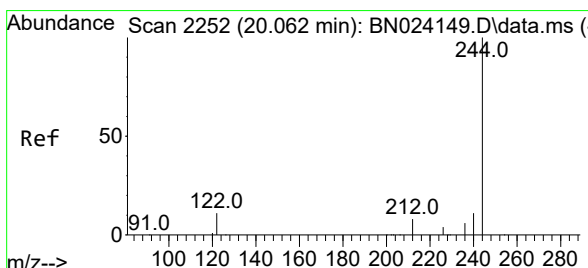
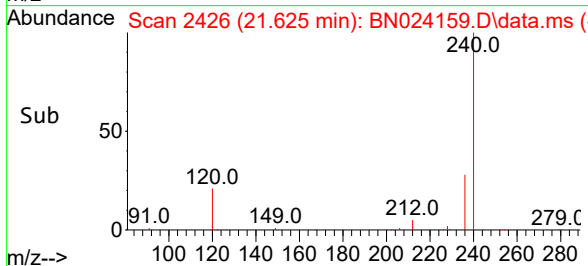
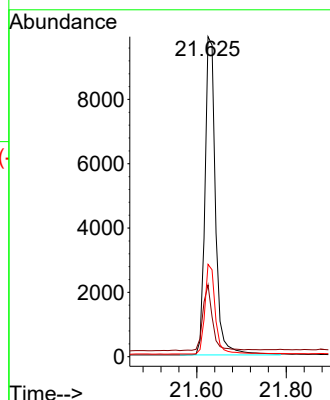
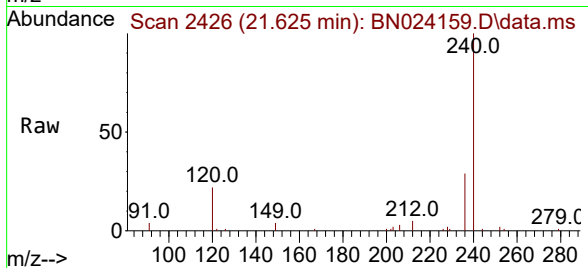
Tgt Ion:240 Resp: 16235

Ion Ratio Lower Upper

240 100

120 22.5 12.2 18.2#

236 28.8 22.6 34.0



#31

Terphenyl-d14

Concen: 0.522 ng

RT: 20.058 min Scan# 2251

Delta R.T. -0.004 min

Lab File: BN024159.D

Acq: 08 Mar 2023 00:49

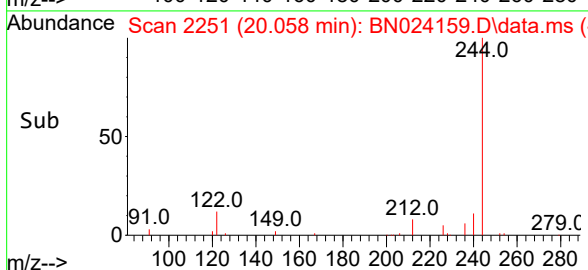
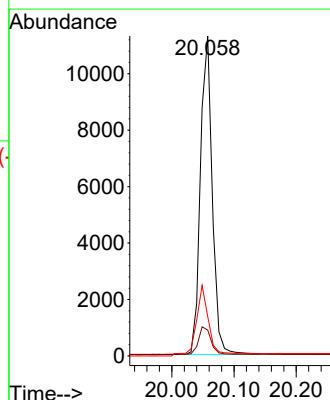
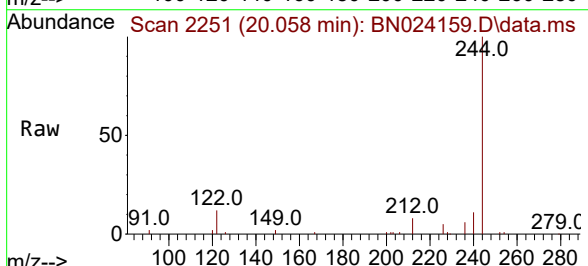
Tgt Ion:244 Resp: 14999

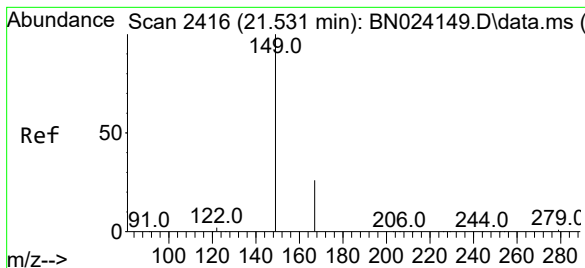
Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

122 12.3 9.7 14.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.085 ng

RT: 21.527 min Scan# 2415

Delta R.T. -0.004 min

Lab File: BN024159.D

Acq: 08 Mar 2023 00:49

Instrument :

BNA_N

ClientSampleId :

SP-100-20230223

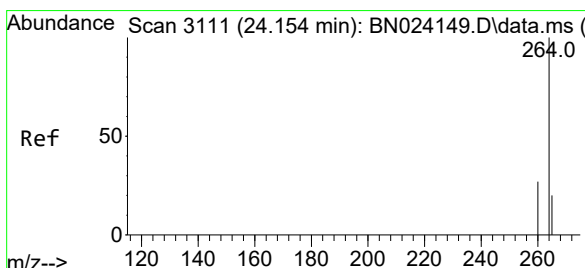
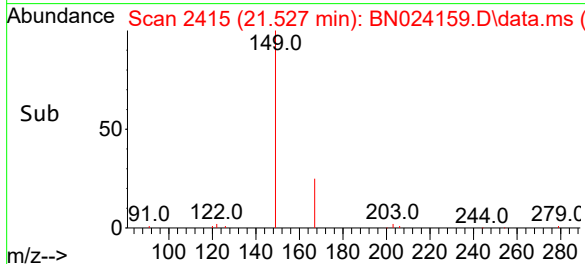
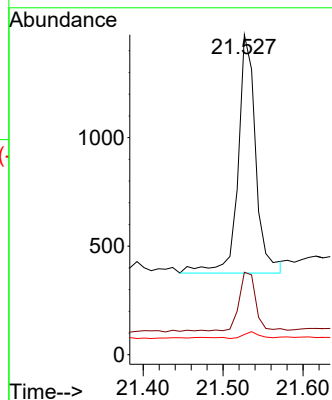
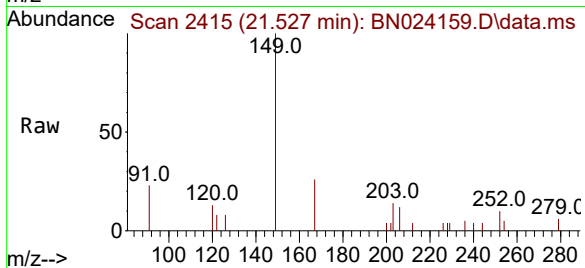
Tgt Ion:149 Resp: 1690

Ion Ratio Lower Upper

149 100

167 24.2 20.5 30.7

279 2.4 2.0 3.0



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.135 min Scan# 3105

Delta R.T. -0.019 min

Lab File: BN024159.D

Acq: 08 Mar 2023 00:49

Tgt Ion:264 Resp: 12754

Ion Ratio Lower Upper

264 100

260 26.7 22.1 33.1

265 45.0 35.4 53.0

