

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027663.D
 Acq On : 14 Sep 2023 03:29
 Operator : MA/JU
 Sample : 04352-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-01-170-090723

Quant Time: Sep 14 05:32:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

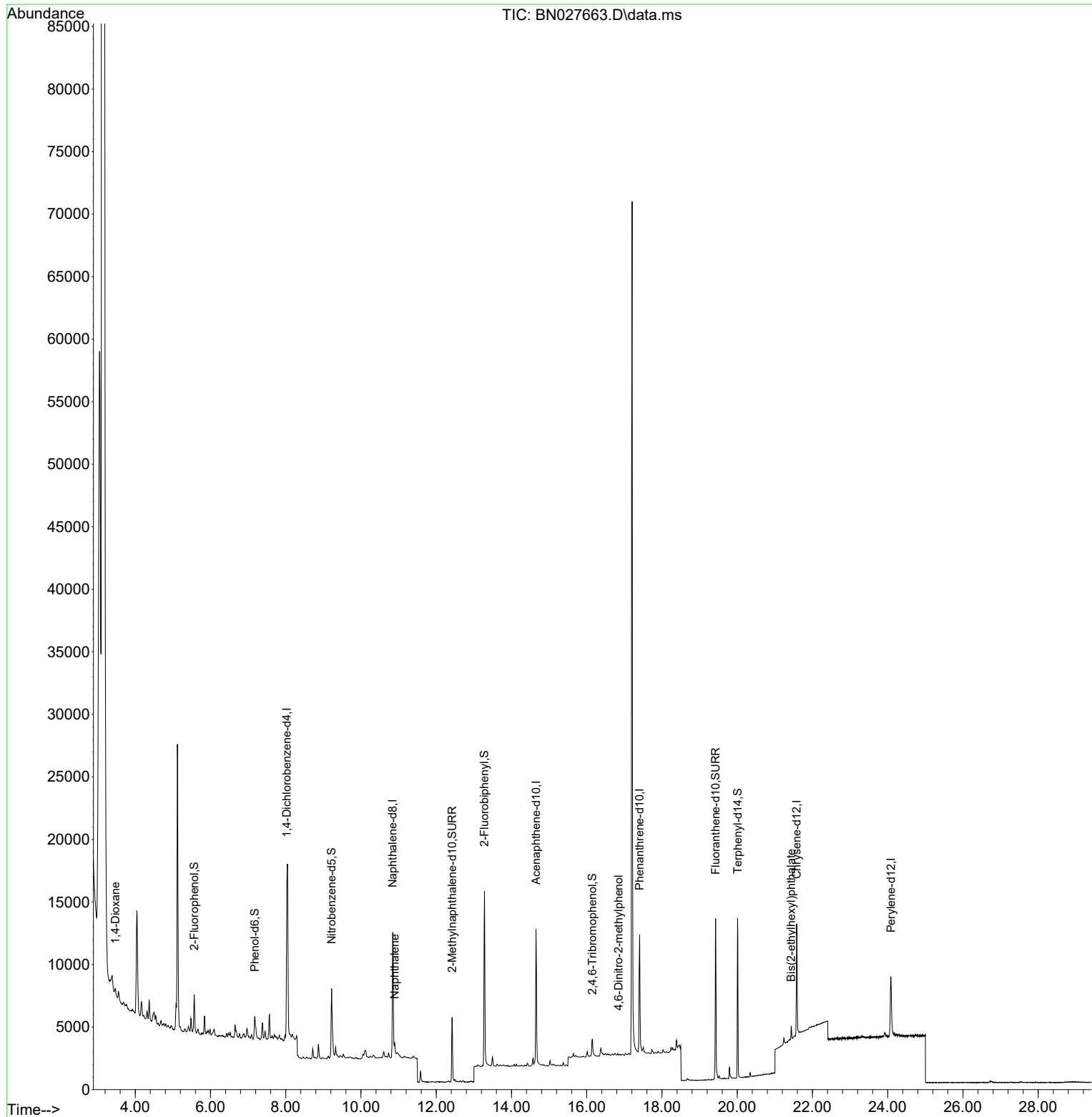
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	5459	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	14646	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	6832	0.400	ng	-0.01
19) Phenanthrene-d10	17.405	188	13543	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	9134	0.400	ng	# 0.00
35) Perylene-d12	24.086	264	8305	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	2392	0.168	ng	0.00
5) Phenol-d6	7.178	99	1550	0.090	ng	0.00
8) Nitrobenzene-d5	9.219	82	4863	0.456	ng	-0.01
11) 2-Methylnaphthalene-d10	12.423	152	7478	0.348	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	924	0.365	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13139	0.506	ng	-0.01
27) Fluoranthene-d10	19.425	212	14207	0.422	ng	0.00
31) Terphenyl-d14	20.011	244	12196	0.665	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	428	0.064	ng	# 1
9) Naphthalene	10.895	128	991	0.025	ng	# 78
20) 4,6-Dinitro-2-methylph...	16.847	198	6	0.031	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.435	149	995	0.066	ng	# 98

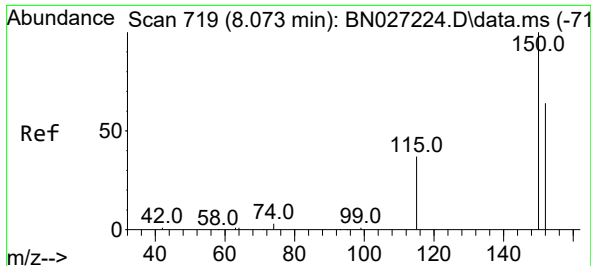
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
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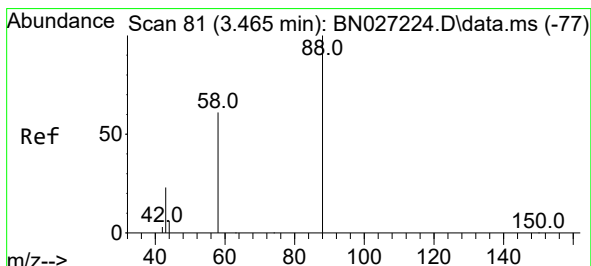
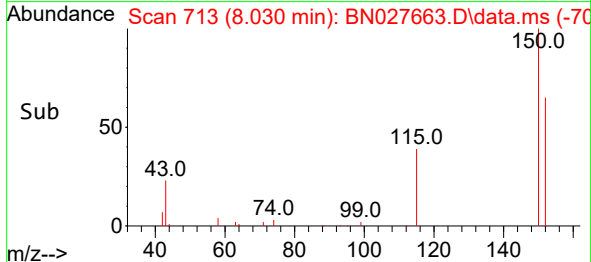
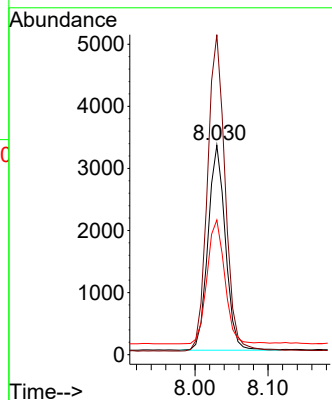
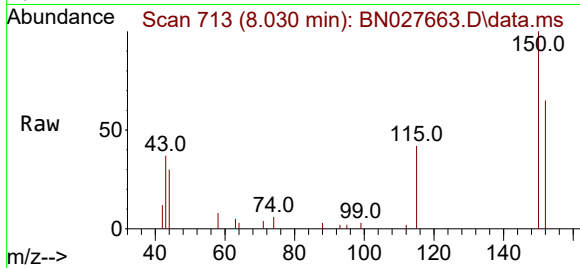




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027663.D
 Acq: 14 Sep 2023 03:29

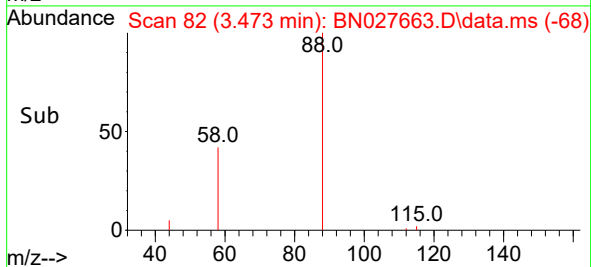
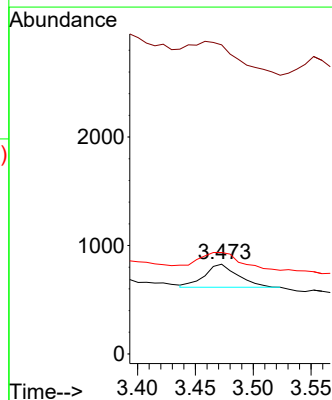
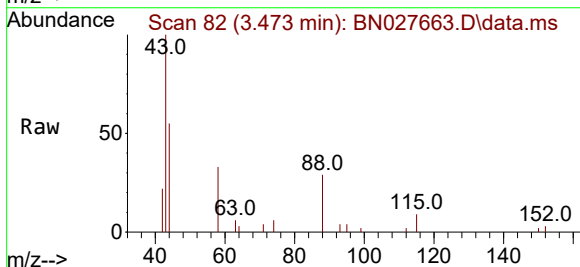
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-01-170-090723

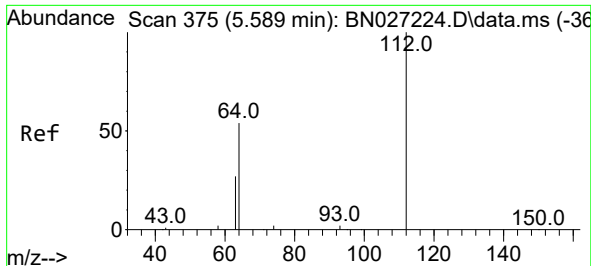
Tgt Ion:152 Resp: 5459
 Ion Ratio Lower Upper
 152 100
 150 152.8 122.7 184.1
 115 64.3 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.064 ng
 RT: 3.473 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: BN027663.D
 Acq: 14 Sep 2023 03:29

Tgt Ion: 88 Resp: 428
 Ion Ratio Lower Upper
 88 100
 43 206.5 19.1 28.7#
 58 101.6 52.2 78.2#

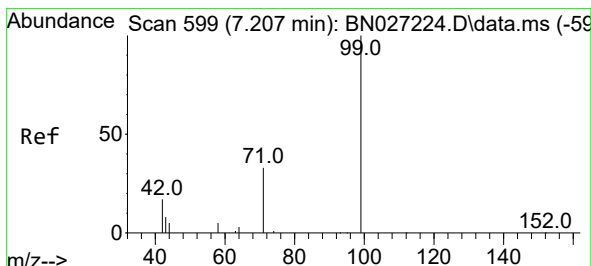
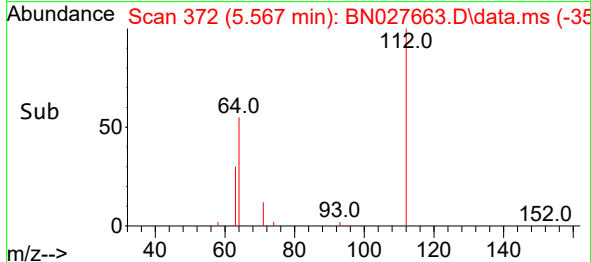
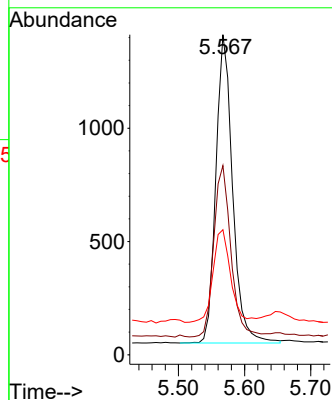
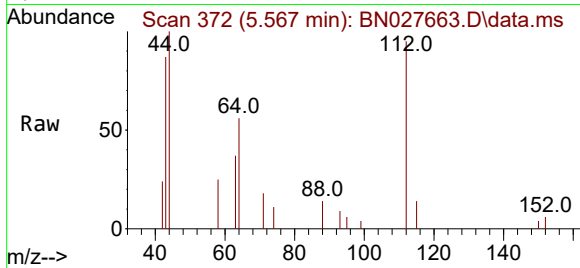




#4
2-Fluorophenol
Concen: 0.168 ng
RT: 5.567 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027663.D
Acq: 14 Sep 2023 03:29

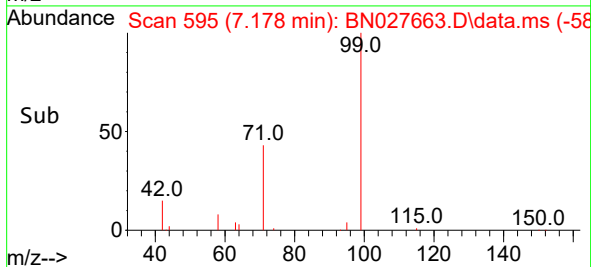
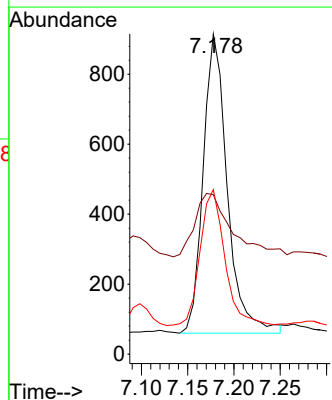
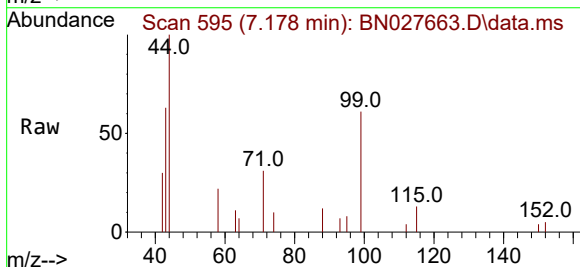
Instrument :
BNA_N
ClientSampleId :
OWBR-01-170-090723

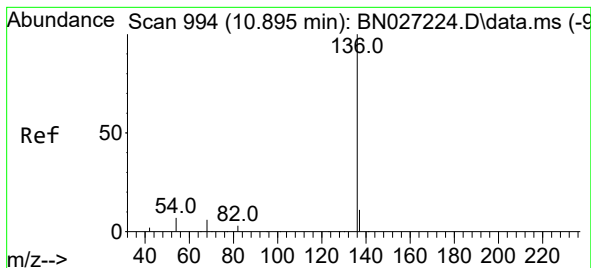
Tgt Ion:112 Resp: 2392
Ion Ratio Lower Upper
112 100
64 57.1 44.4 66.6
63 31.7 23.1 34.7



#5
Phenol-d6
Concen: 0.090 ng
RT: 7.178 min Scan# 595
Delta R.T. -0.007 min
Lab File: BN027663.D
Acq: 14 Sep 2023 03:29

Tgt Ion: 99 Resp: 1550
Ion Ratio Lower Upper
99 100
42 32.7 14.5 21.7#
71 46.3 25.8 38.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.842 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN027663.D

Acq: 14 Sep 2023 03:29

Instrument :

BNA_N

ClientSampleId :

OWBR-01-170-090723

Tgt Ion:136 Resp: 14646

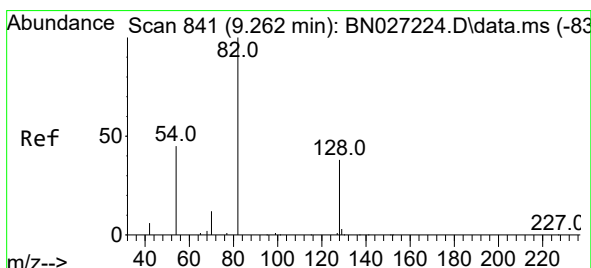
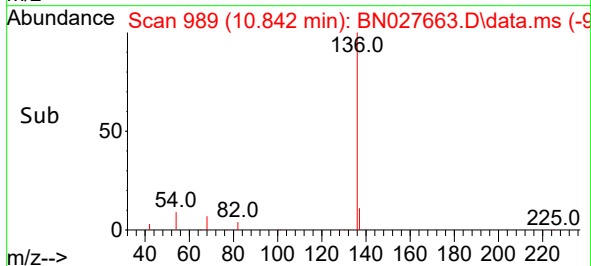
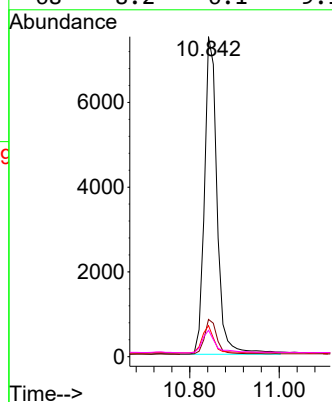
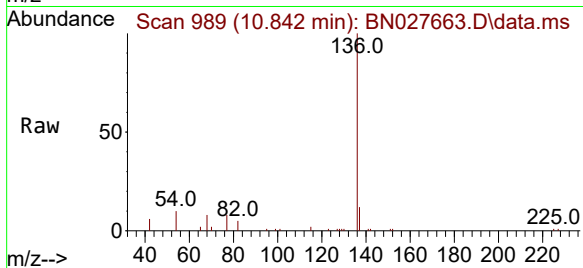
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 9.7 6.7 10.1

68 8.2 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.456 ng

RT: 9.219 min Scan# 837

Delta R.T. -0.011 min

Lab File: BN027663.D

Acq: 14 Sep 2023 03:29

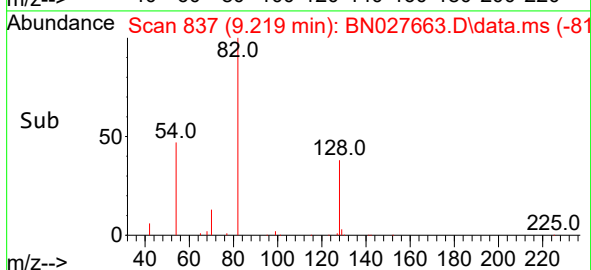
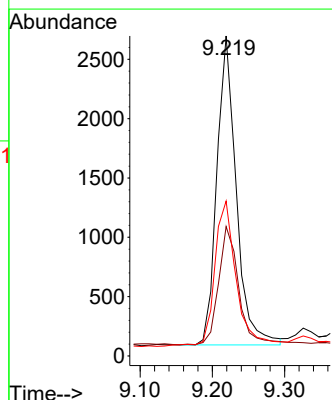
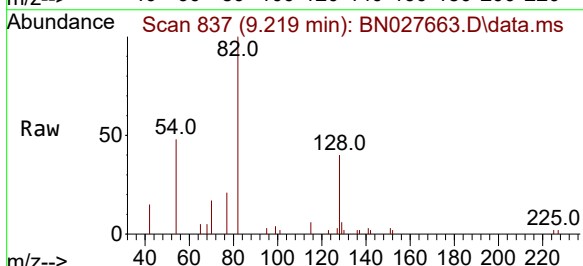
Tgt Ion: 82 Resp: 4863

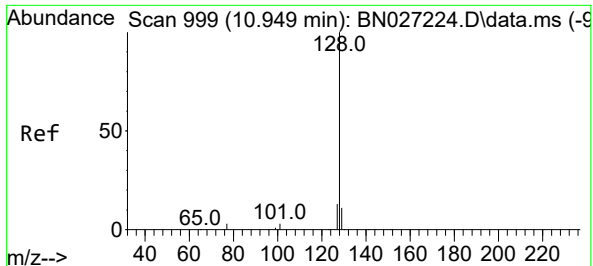
Ion Ratio Lower Upper

82 100

128 40.5 33.4 50.0

54 48.4 37.7 56.5

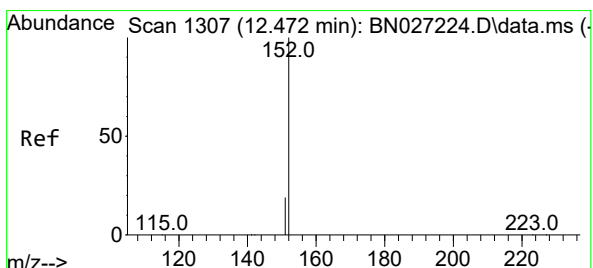
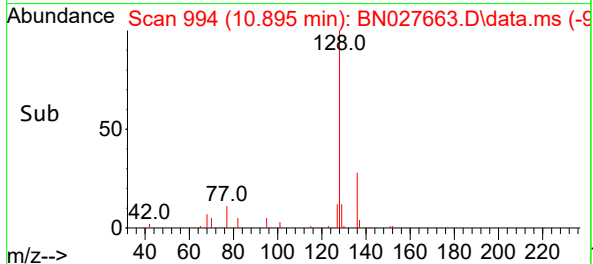
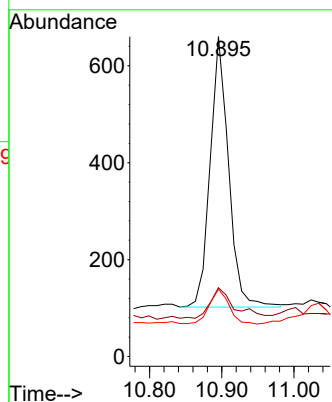
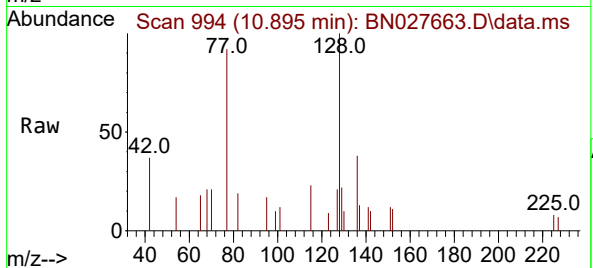




#9
Naphthalene
Concen: 0.025 ng
RT: 10.895 min Scan# 991
Delta R.T. -0.011 min
Lab File: BN027663.D
Acq: 14 Sep 2023 03:29

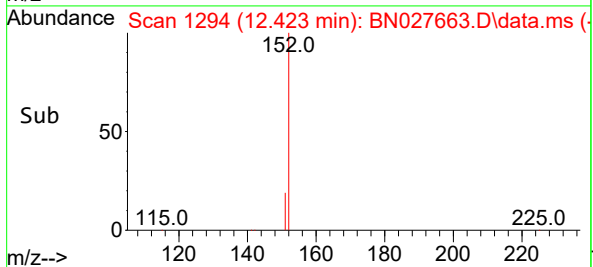
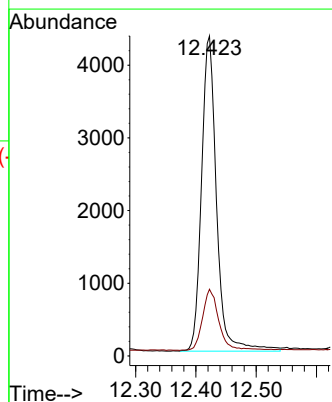
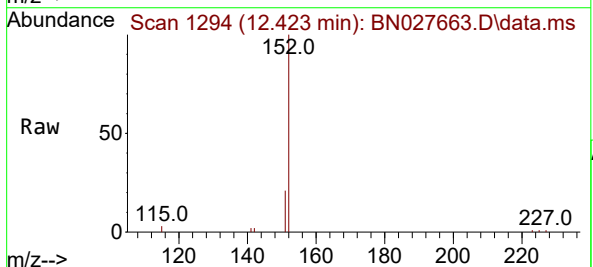
Instrument :
BNA_N
ClientSampleId :
OWBR-01-170-090723

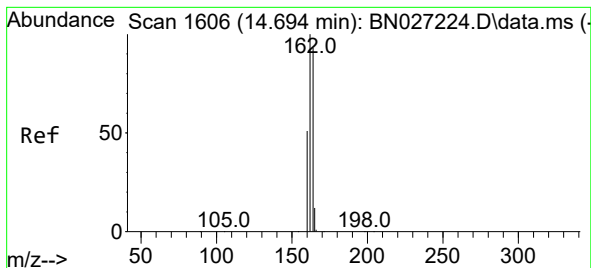
Tgt Ion:128 Resp: 991
Ion Ratio Lower Upper
128 100
129 21.5 9.4 14.0#
127 21.1 10.6 15.8#



#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.423 min Scan# 1294
Delta R.T. -0.008 min
Lab File: BN027663.D
Acq: 14 Sep 2023 03:29

Tgt Ion:152 Resp: 7478
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1602

Delta R.T. -0.011 min

Lab File: BN027663.D

Acq: 14 Sep 2023 03:29

Instrument :

BNA_N

ClientSampleId :

OWBR-01-170-090723

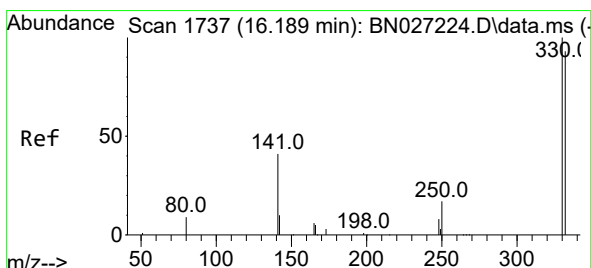
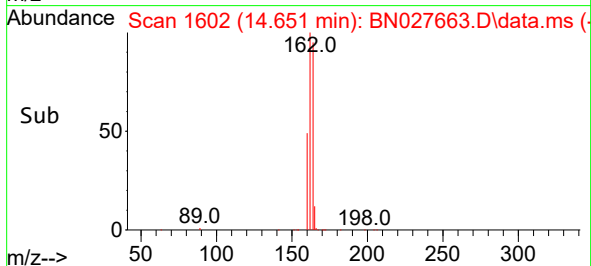
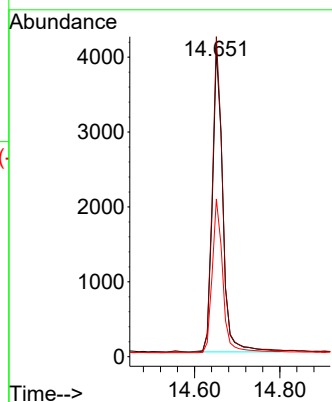
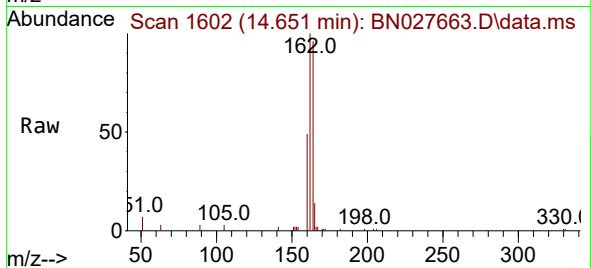
Tgt Ion:164 Resp: 6832

Ion Ratio Lower Upper

164 100

162 104.5 85.8 128.8

160 51.5 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.365 ng

RT: 16.152 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN027663.D

Acq: 14 Sep 2023 03:29

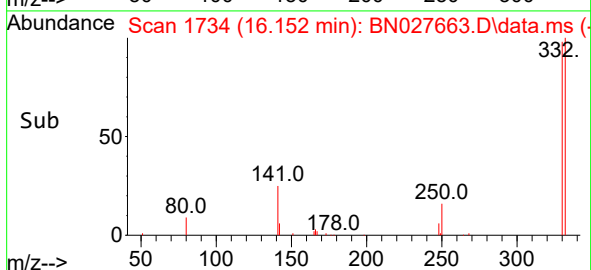
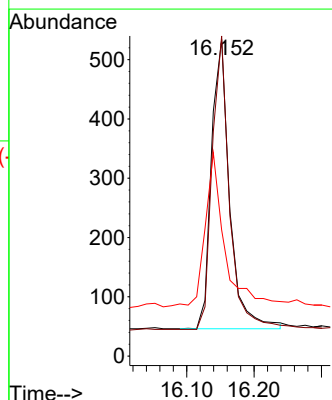
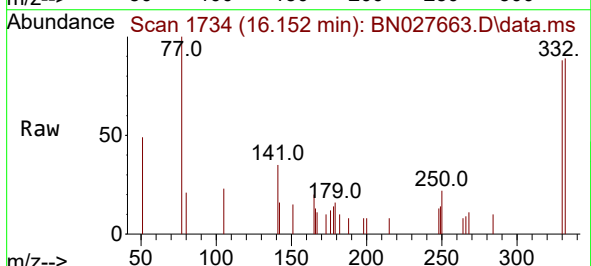
Tgt Ion:330 Resp: 924

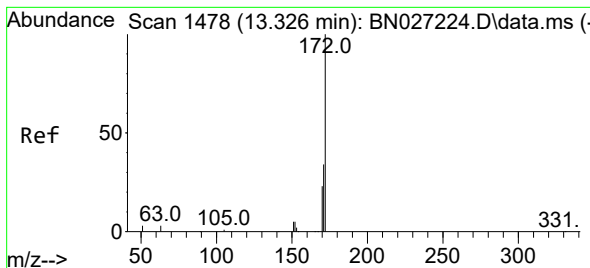
Ion Ratio Lower Upper

330 100

332 95.8 75.2 112.8

141 56.7 36.2 54.4#





#15

2-Fluorobiphenyl

Concen: 0.506 ng

RT: 13.283 min Scan# 1478

Delta R.T. -0.011 min

Lab File: BN027663.D

Acq: 14 Sep 2023 03:29

Instrument :

BNA_N

ClientSampleId :

OWBR-01-170-090723

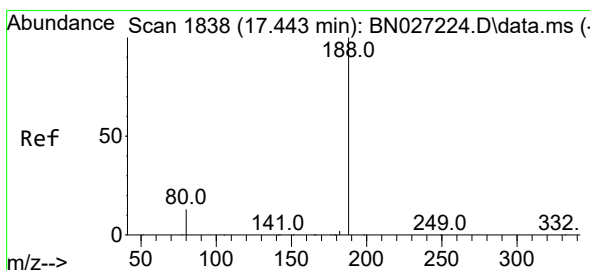
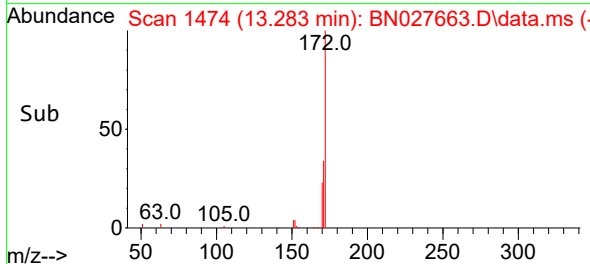
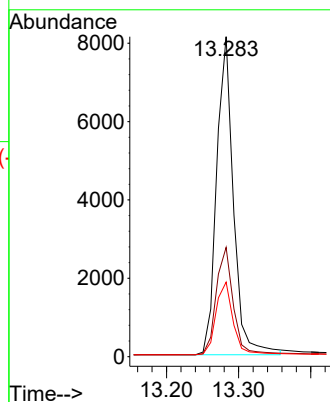
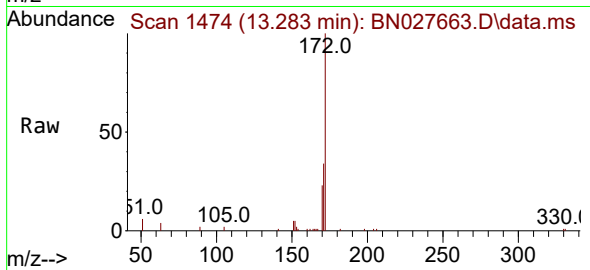
Tgt Ion:172 Resp: 13139

Ion Ratio Lower Upper

172 100

171 34.1 27.8 41.8

170 23.3 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.405 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BN027663.D

Acq: 14 Sep 2023 03:29

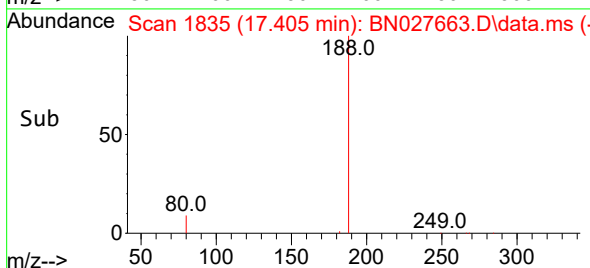
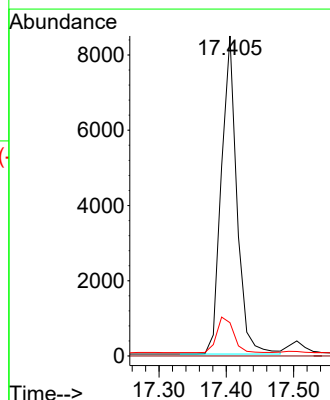
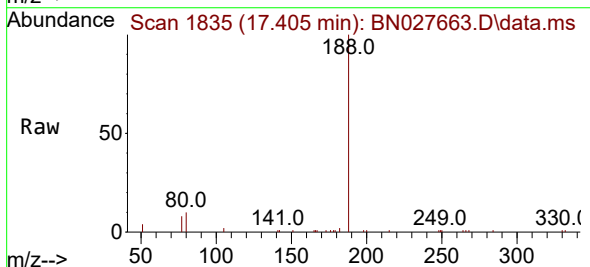
Tgt Ion:188 Resp: 13543

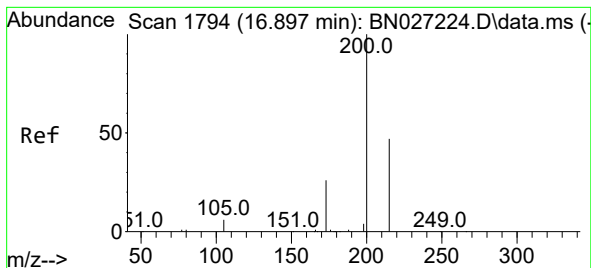
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 11.0 16.6#

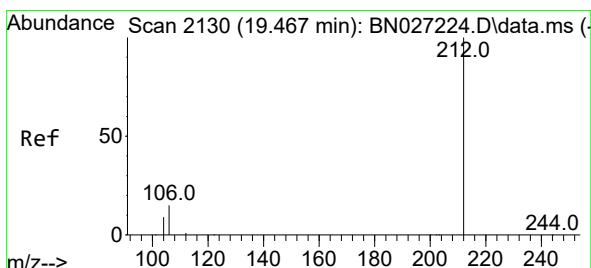
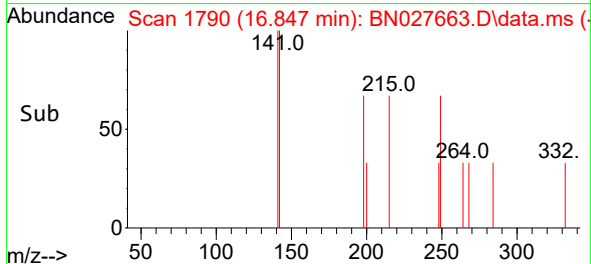
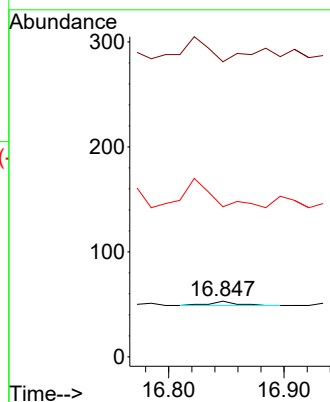
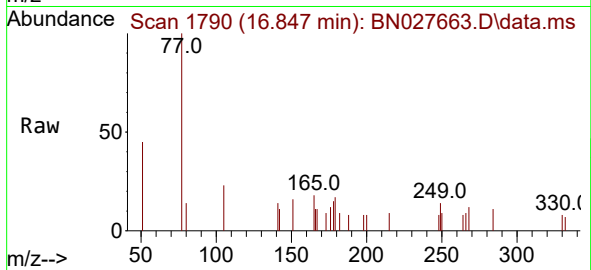




#20
4,6-Dinitro-2-methylphenol
Concen: 0.031 ng
RT: 16.847 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027663.D
Acq: 14 Sep 2023 03:29

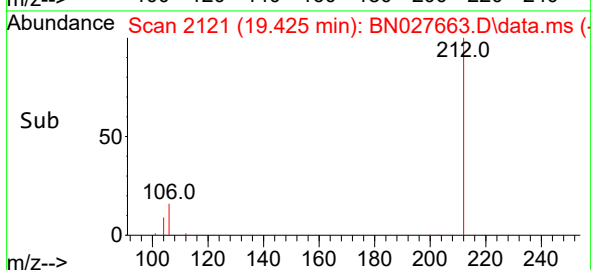
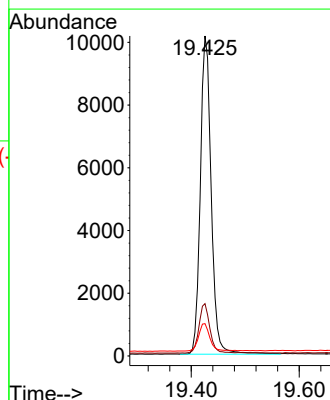
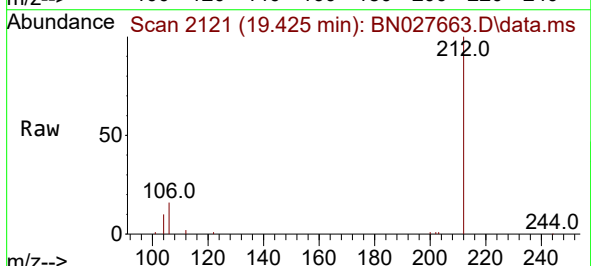
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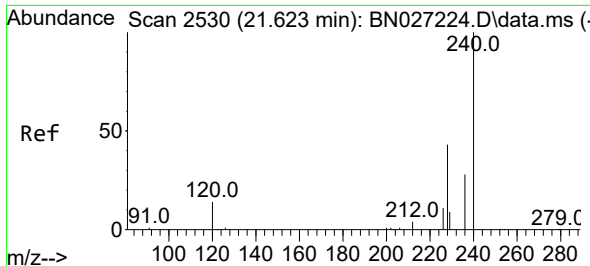
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 530.2 282.2 423.2#
105 269.8 168.7 253.1#



#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.425 min Scan# 2121
Delta R.T. -0.009 min
Lab File: BN027663.D
Acq: 14 Sep 2023 03:29

Tgt Ion:212 Resp: 14207
Ion Ratio Lower Upper
212 100
106 15.5 12.1 18.1
104 9.3 6.9 10.3

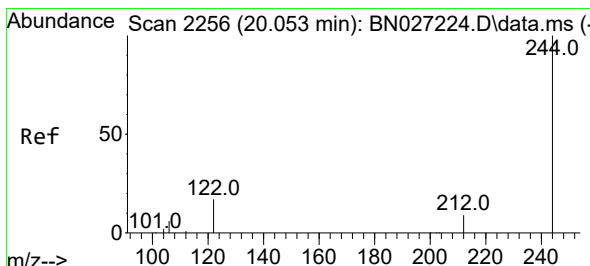
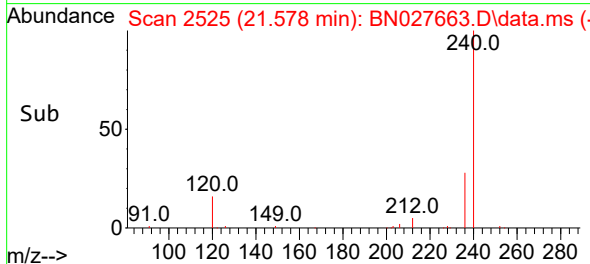
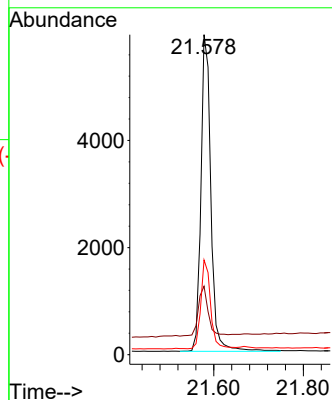
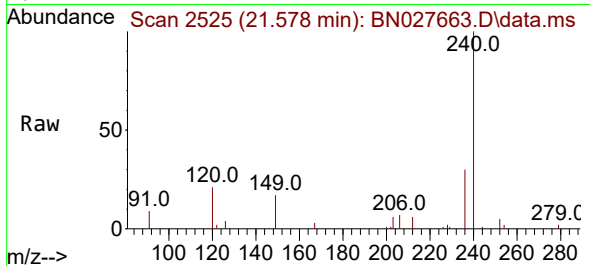




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027663.D
Acq: 14 Sep 2023 03:29

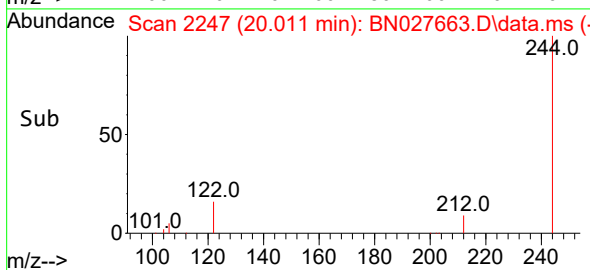
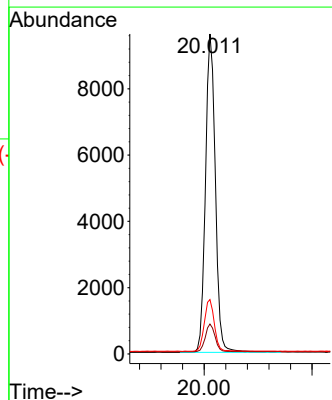
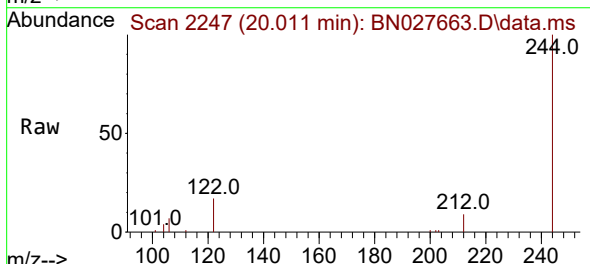
Instrument :
BNA_N
ClientSampleId :
OWBR-01-170-090723

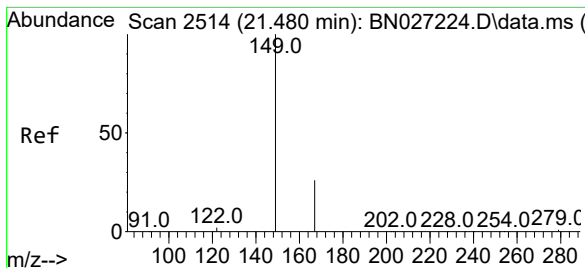
Tgt Ion:240 Resp: 9134
Ion Ratio Lower Upper
240 100
120 21.4 14.2 21.4#
236 29.6 22.9 34.3



#31
Terphenyl-d14
Concen: 0.665 ng
RT: 20.011 min Scan# 2247
Delta R.T. -0.009 min
Lab File: BN027663.D
Acq: 14 Sep 2023 03:29

Tgt Ion:244 Resp: 12196
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 17.0 14.0 21.0

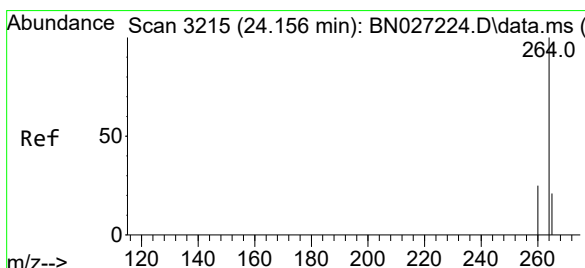
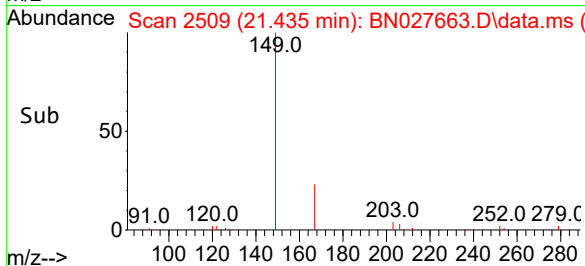
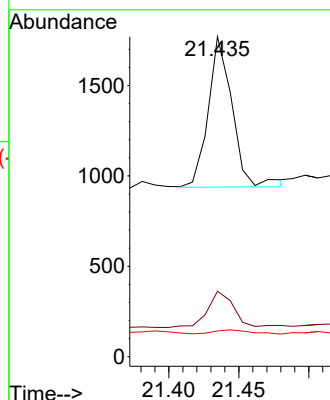
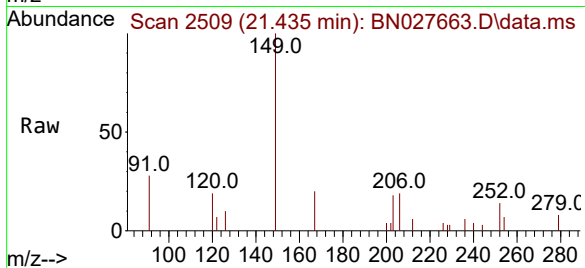




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.435 min Scan# 214
Delta R.T. -0.009 min
Lab File: BN027663.D
Acq: 14 Sep 2023 03:29

Instrument :
BNA_N
ClientSampleId :
OWBR-01-170-090723

Tgt Ion:149 Resp: 995
Ion Ratio Lower Upper
149 100
167 26.3 22.1 33.1
279 4.4 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.086 min Scan# 3191
Delta R.T. -0.009 min
Lab File: BN027663.D
Acq: 14 Sep 2023 03:29

Tgt Ion:264 Resp: 8305
Ion Ratio Lower Upper
264 100
260 26.9 20.7 31.1
265 95.9 53.3 79.9#

