

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028167.D
 Acq On : 09 Oct 2023 18:48
 Operator : MA/JU
 Sample : 04622-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-1

Quant Time: Oct 10 00:44:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

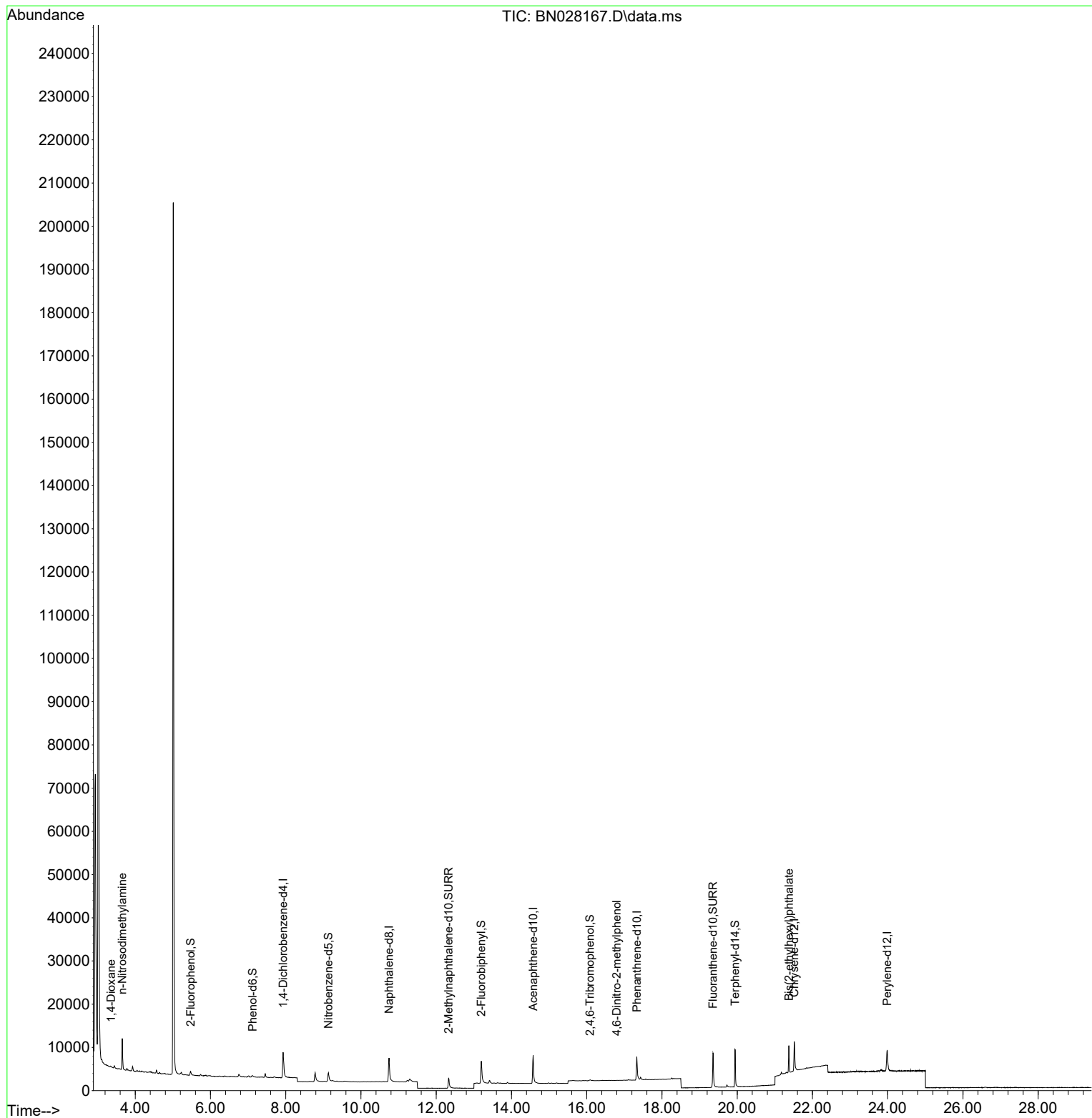
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3326	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	9809	0.400	ng	0.01
13) Acenaphthene-d10	14.576	164	4944	0.400	ng	0.01
19) Phenanthrene-d10	17.331	188	9550	0.400	ng	0.01
29) Chrysene-d12	21.515	240	7973	0.400	ng	# 0.00
35) Perylene-d12	23.984	264	8373	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.473	112	1025	0.103	ng	0.00
5) Phenol-d6	7.120	99	571	0.046	ng	0.03
8) Nitrobenzene-d5	9.134	82	2923	0.350	ng	0.01
11) 2-Methylnaphthalene-d10	12.328	152	4816	0.331	ng	0.00
14) 2,4,6-Tribromophenol	16.090	330	112	0.049	ng	0.01
15) 2-Fluorobiphenyl	13.197	172	6574	0.369	ng	0.01
27) Fluoranthene-d10	19.356	212	10427	0.435	ng	0.00
31) Terphenyl-d14	19.946	244	9878	0.531	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.357	88	170	0.046	ng	# 1
3) n-Nitrosodimethylamine	3.653	42	627	0.147	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.797	198	4	0.032	ng	# 34
34) Bis(2-ethylhexyl)phtha...	21.372	149	5496	0.308	ng	98

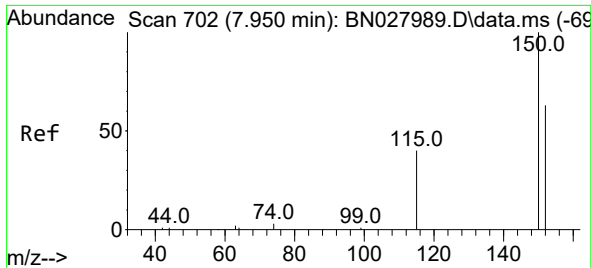
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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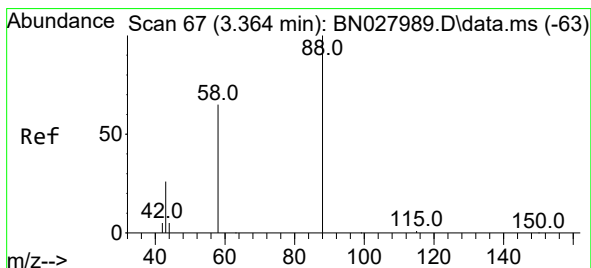
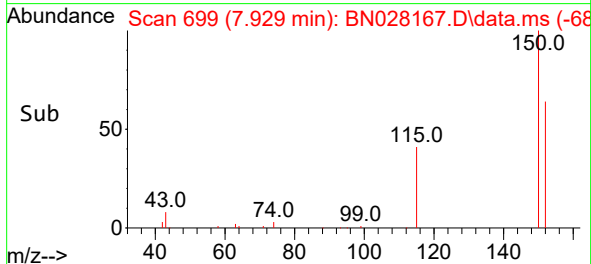
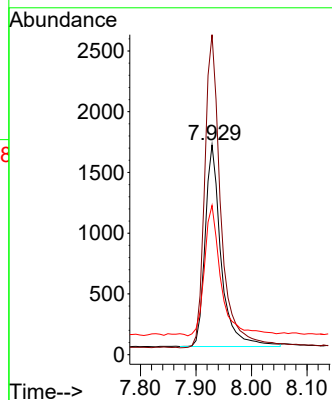
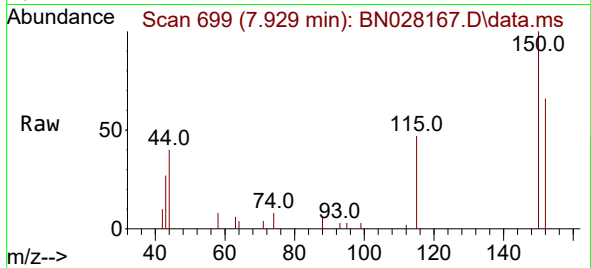




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.929 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN028167.D
 Acq: 09 Oct 2023 18:48

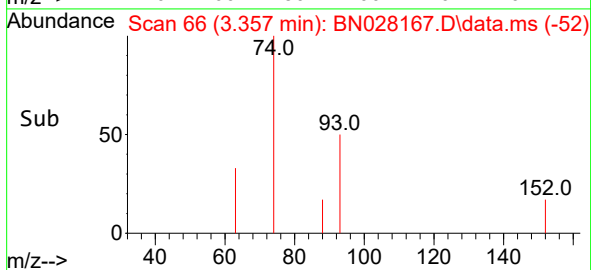
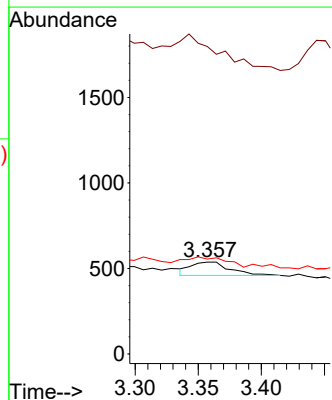
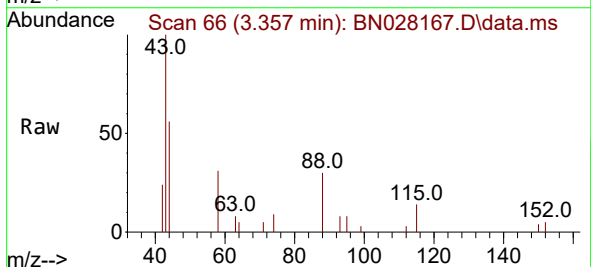
Instrument :
 BNA_N
 ClientSampleId :
 FB-1

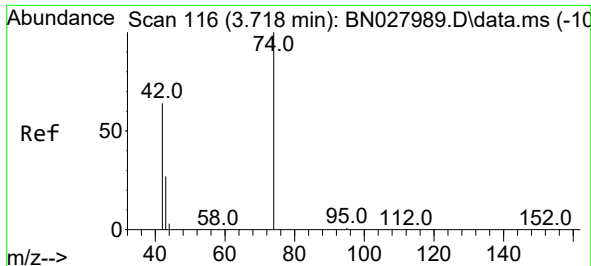
Tgt Ion:152 Resp: 3326
 Ion Ratio Lower Upper
 152 100
 150 152.5 125.6 188.4
 115 71.2 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.046 ng
 RT: 3.357 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: BN028167.D
 Acq: 09 Oct 2023 18:48

Tgt Ion: 88 Resp: 170
 Ion Ratio Lower Upper
 88 100
 43 272.9 24.6 36.8#
 58 103.5 53.8 80.6#

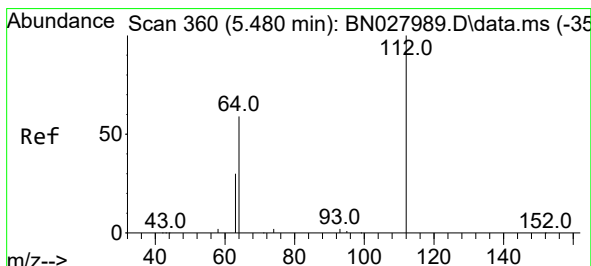
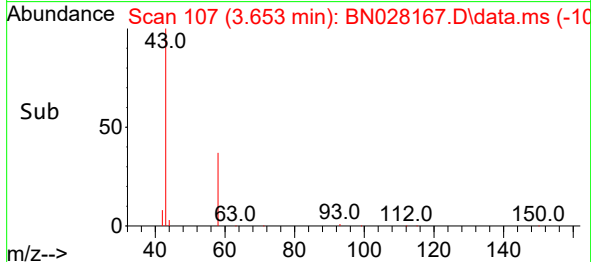
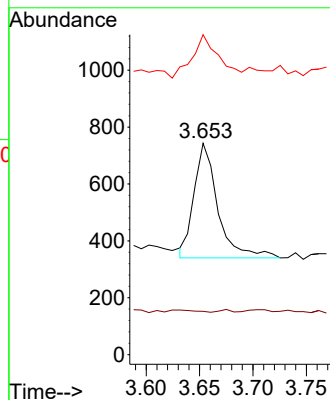
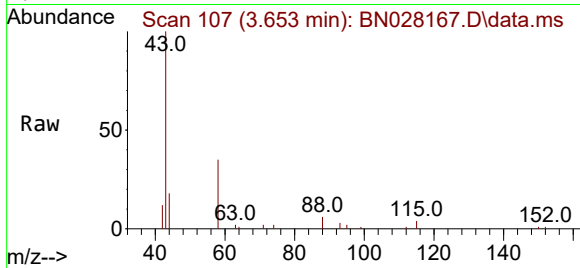




#3
n-Nitrosodimethylamine
Concen: 0.147 ng
RT: 3.653 min Scan# 107
Delta R.T. -0.058 min
Lab File: BN028167.D
Acq: 09 Oct 2023 18:48

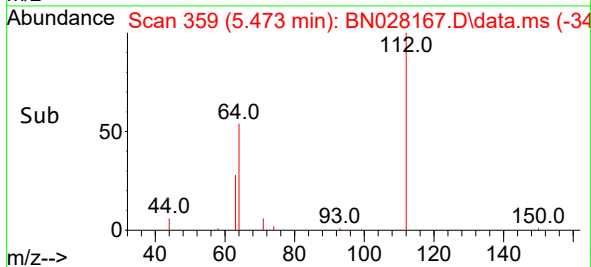
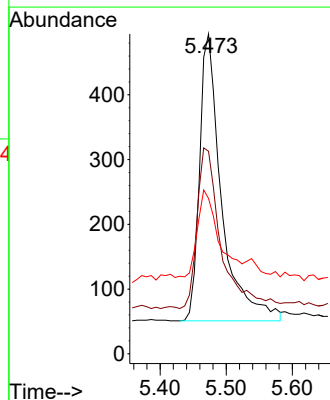
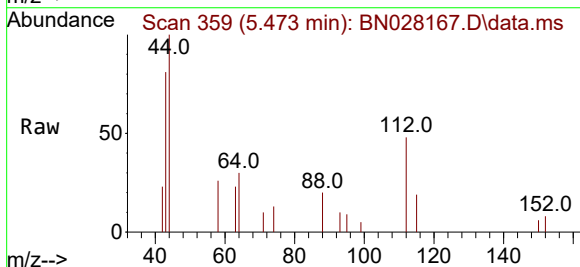
Instrument :
BNA_N
ClientSampleId :
FB-1

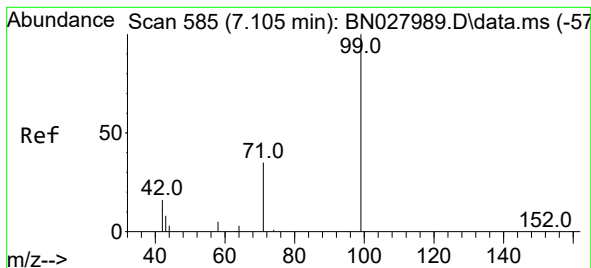
Tgt Ion: 42 Resp: 627
Ion Ratio Lower Upper
42 100
74 0.0 115.9 173.9#
44 27.9 8.0 12.0#



#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.473 min Scan# 359
Delta R.T. 0.007 min
Lab File: BN028167.D
Acq: 09 Oct 2023 18:48

Tgt Ion: 112 Resp: 1025
Ion Ratio Lower Upper
112 100
64 61.2 45.0 67.6
63 29.1 23.4 35.0





#5

Phenol-d6

Concen: 0.046 ng

RT: 7.120 min Scan# 51

Delta R.T. 0.029 min

Lab File: BN028167.D

Acq: 09 Oct 2023 18:48

Instrument :

BNA_N

ClientSampleId :

FB-1

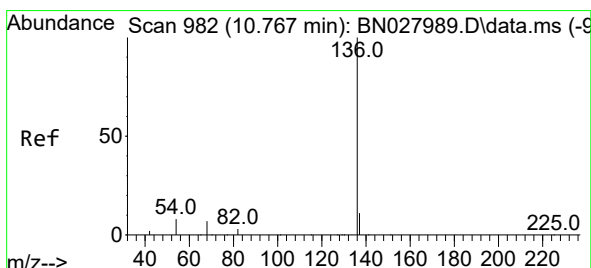
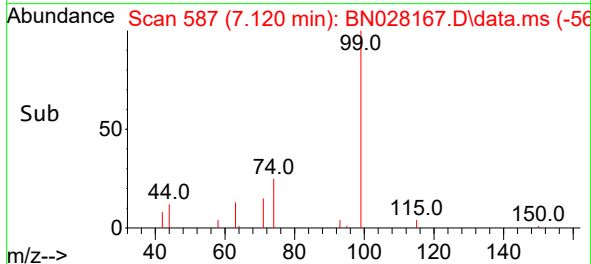
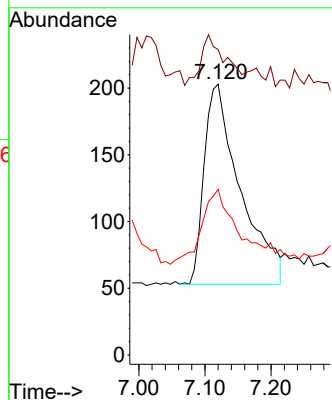
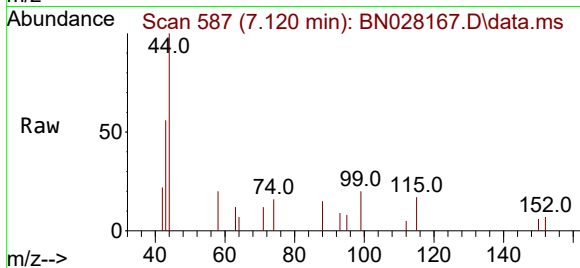
Tgt Ion: 99 Resp: 571

Ion Ratio Lower Upper

99 100

42 16.8 14.6 22.0

71 39.4 28.3 42.5



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.746 min Scan# 980

Delta R.T. 0.011 min

Lab File: BN028167.D

Acq: 09 Oct 2023 18:48

Tgt Ion: 136 Resp: 9809

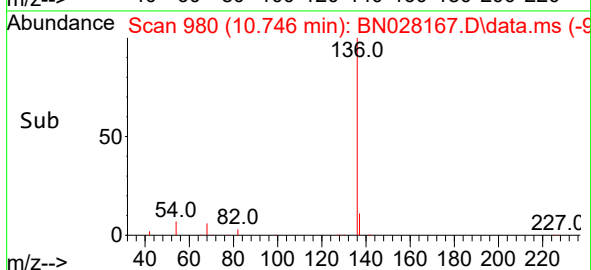
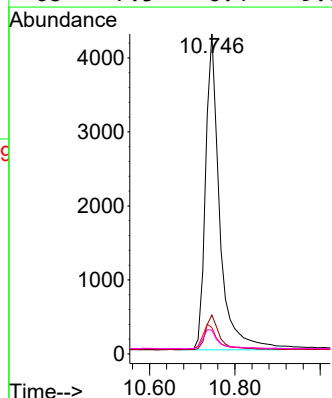
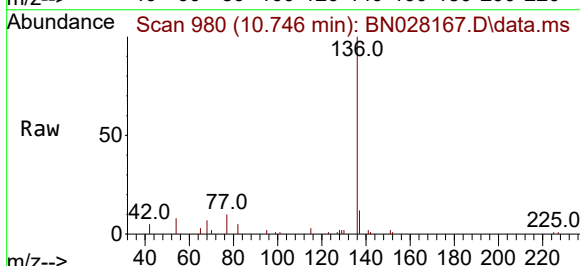
Ion Ratio Lower Upper

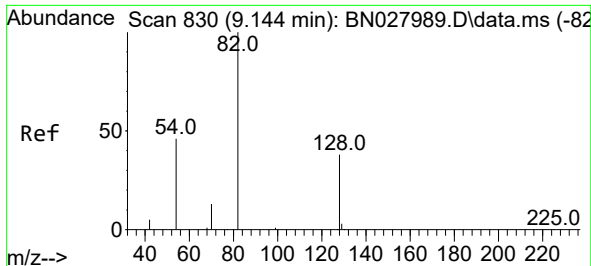
136 100

137 12.1 9.4 14.0

54 8.3 7.0 10.6

68 7.5 6.4 9.6

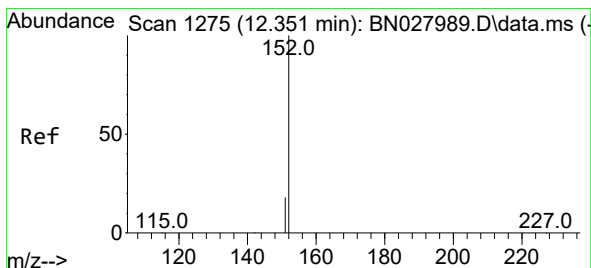
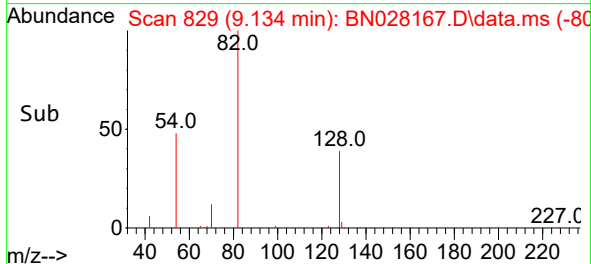
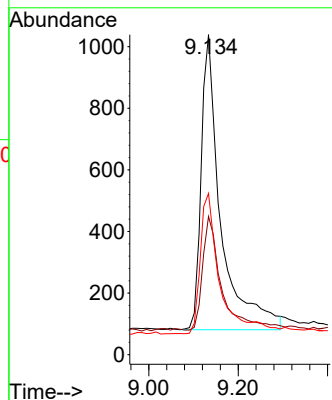
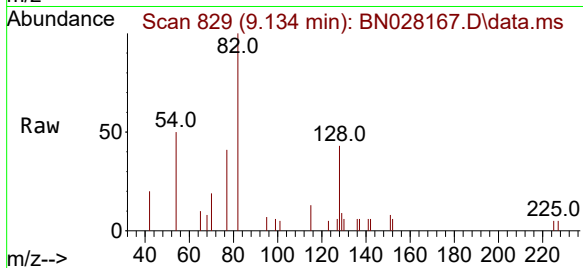




#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 9.134 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN028167.D
Acq: 09 Oct 2023 18:48

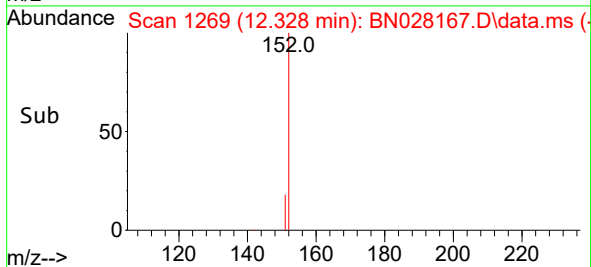
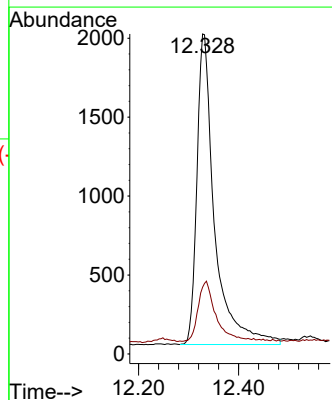
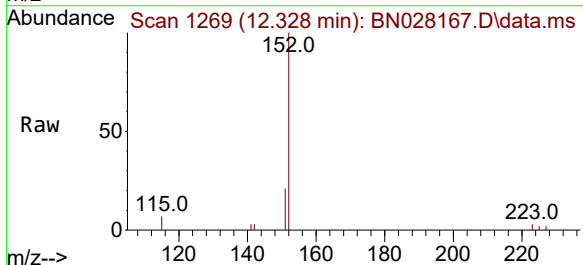
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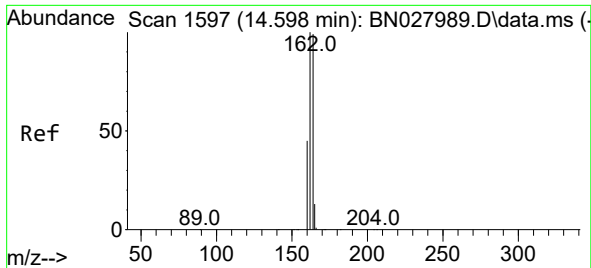
Tgt Ion: 82 Resp: 2923
Ion Ratio Lower Upper
82 100
128 43.2 32.7 49.1
54 50.4 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.328 min Scan# 1269
Delta R.T. 0.004 min
Lab File: BN028167.D
Acq: 09 Oct 2023 18:48

Tgt Ion: 152 Resp: 4816
Ion Ratio Lower Upper
152 100
151 19.4 16.5 24.7

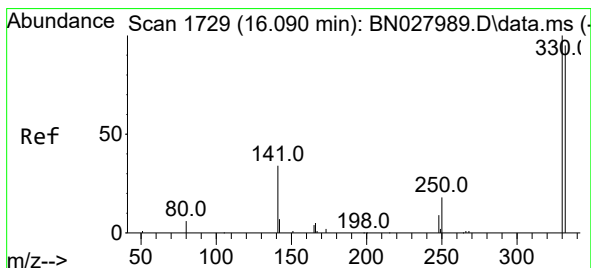
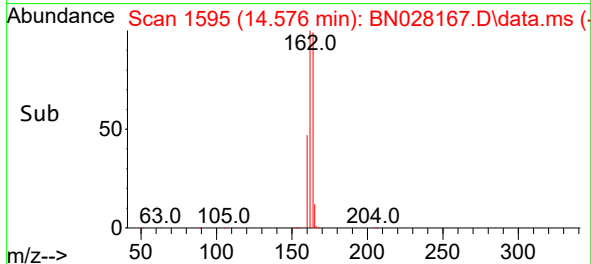
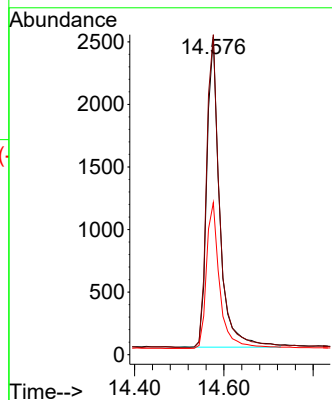
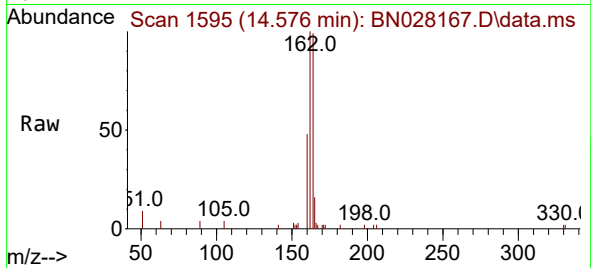




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 1595
Delta R.T. 0.011 min
Lab File: BN028167.D
Acq: 09 Oct 2023 18:48

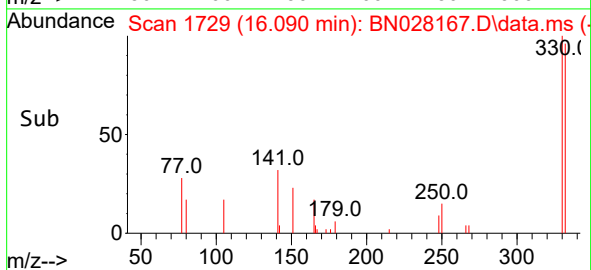
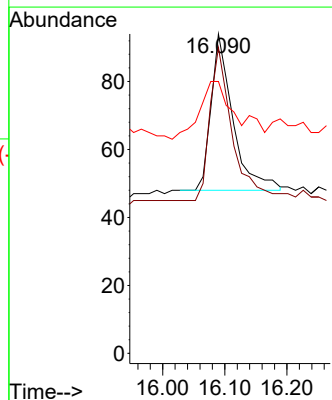
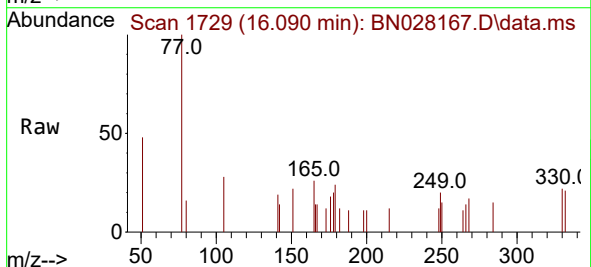
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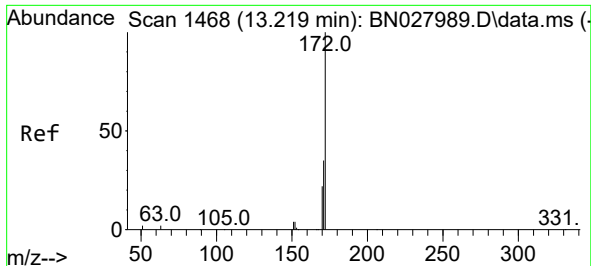
Tgt Ion:164 Resp: 4944
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 47.9 36.4 54.6



#14
2,4,6-Tribromophenol
Concen: 0.049 ng
RT: 16.090 min Scan# 1729
Delta R.T. 0.012 min
Lab File: BN028167.D
Acq: 09 Oct 2023 18:48

Tgt Ion:330 Resp: 112
Ion Ratio Lower Upper
330 100
332 100.0 78.1 117.1
141 61.6 33.4 50.2#

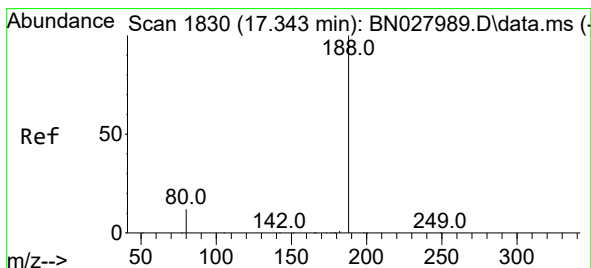
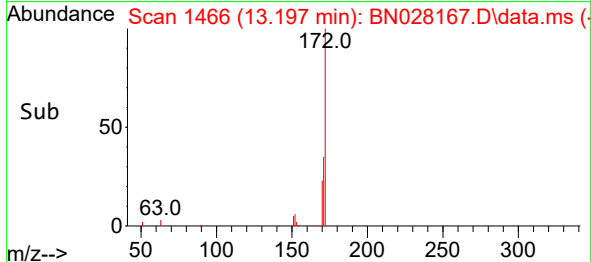
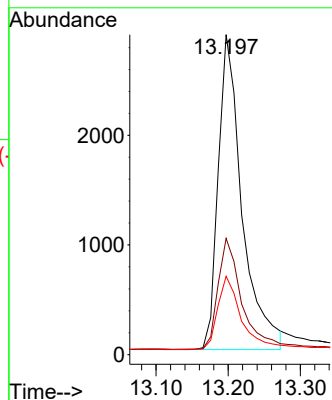
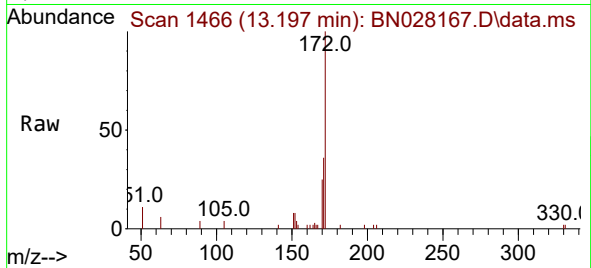




#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.197 min Scan# 1468
Delta R.T. 0.011 min
Lab File: BN028167.D
Acq: 09 Oct 2023 18:48

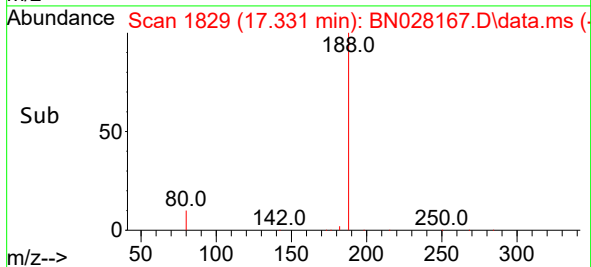
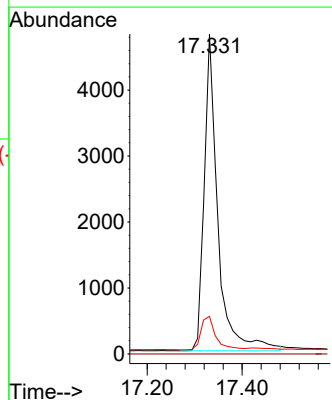
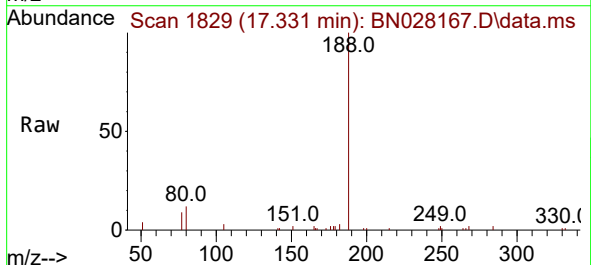
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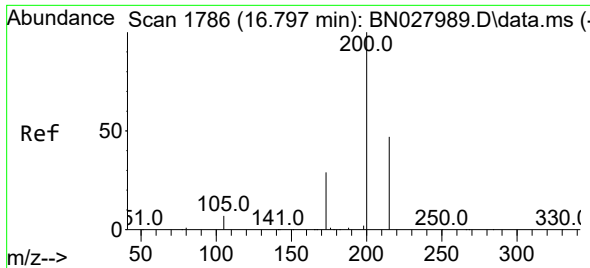
Tgt Ion:172 Resp: 6574
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 24.5 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.012 min
Lab File: BN028167.D
Acq: 09 Oct 2023 18:48

Tgt Ion:188 Resp: 9550
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 10.2 15.4

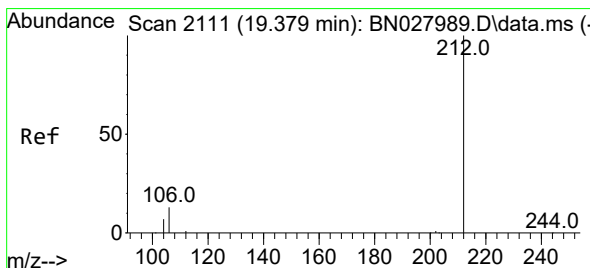
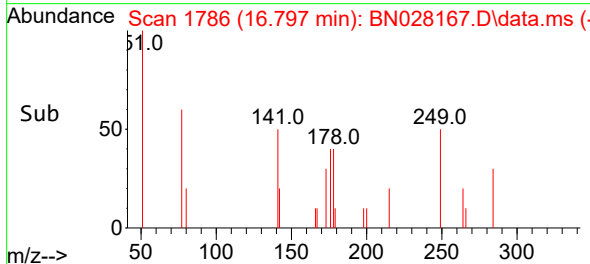
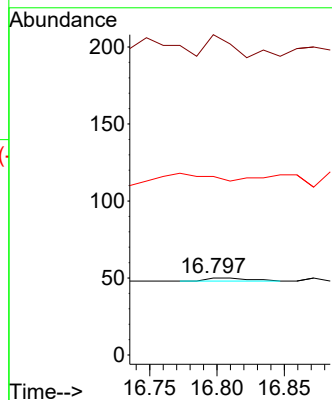
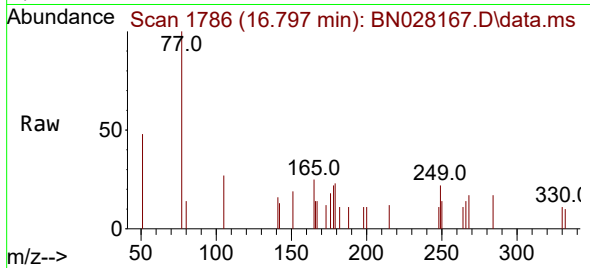




#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.032 ng
 RT: 16.797 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN028167.D
 Acq: 09 Oct 2023 18:48

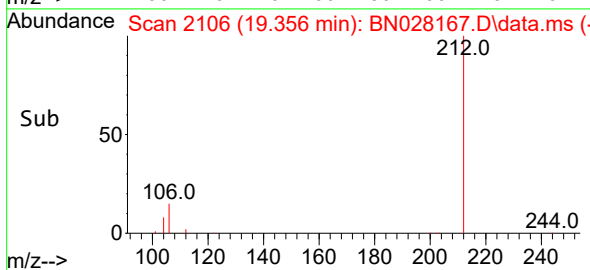
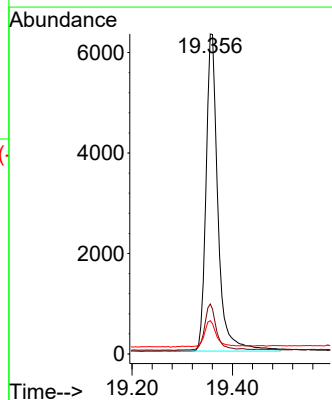
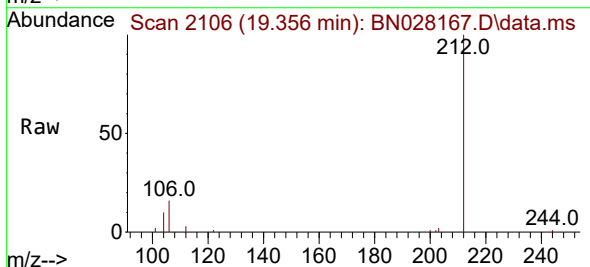
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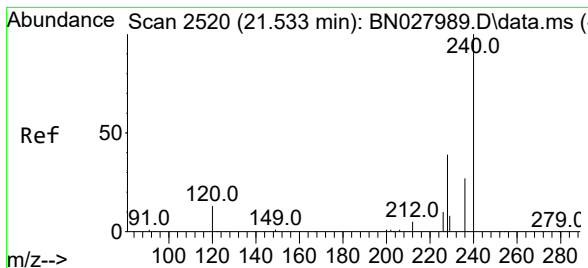
Tgt Ion:198 Resp: 4
 Ion Ratio Lower Upper
 198 100
 51 416.0 180.7 271.1#
 105 232.0 222.2 333.2



#27
 Fluoranthene-d10
 Concen: 0.435 ng
 RT: 19.356 min Scan# 2106
 Delta R.T. -0.000 min
 Lab File: BN028167.D
 Acq: 09 Oct 2023 18:48

Tgt Ion:212 Resp: 10427
 Ion Ratio Lower Upper
 212 100
 106 14.4 11.3 16.9
 104 8.2 6.4 9.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.515 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028167.D

Acq: 09 Oct 2023 18:48

Instrument :

BNA_N

ClientSampleId :

FB-1

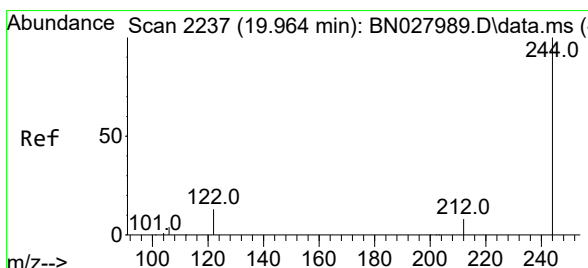
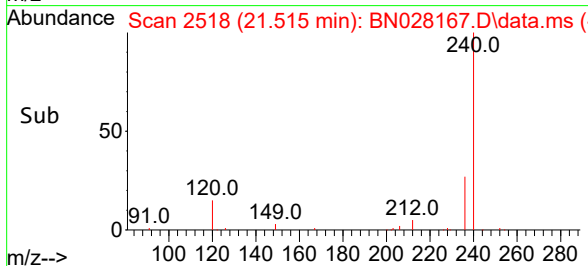
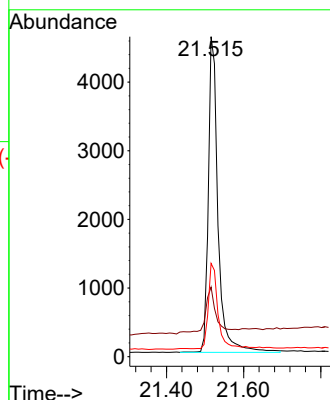
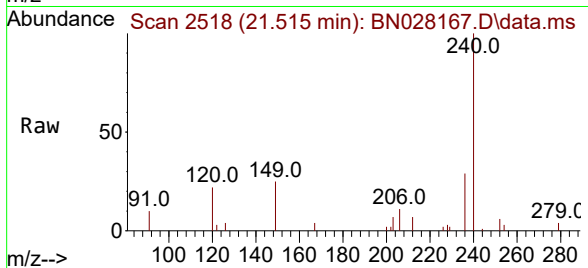
Tgt Ion:240 Resp: 7973

Ion Ratio Lower Upper

240 100

120 21.8 13.8 20.6#

236 29.1 22.6 33.8



#31

Terphenyl-d14

Concen: 0.531 ng

RT: 19.946 min Scan# 2233

Delta R.T. 0.005 min

Lab File: BN028167.D

Acq: 09 Oct 2023 18:48

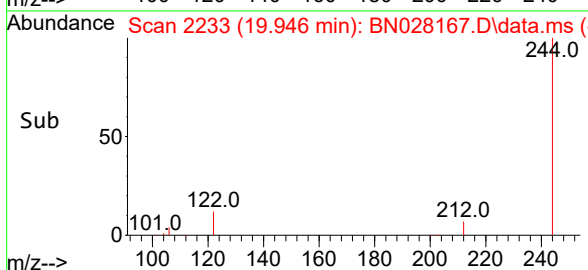
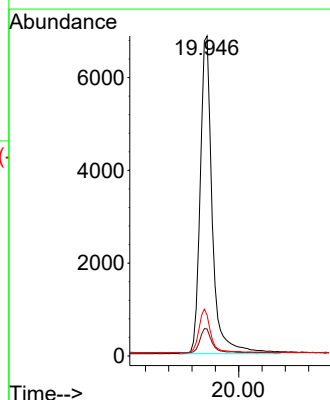
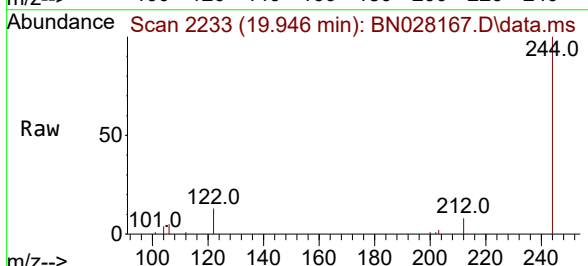
Tgt Ion:244 Resp: 9878

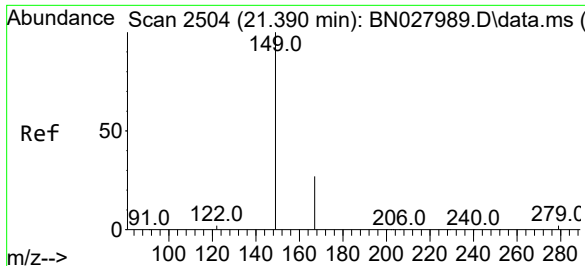
Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

122 12.8 11.4 17.0

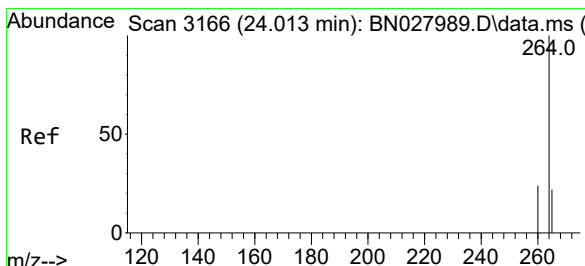
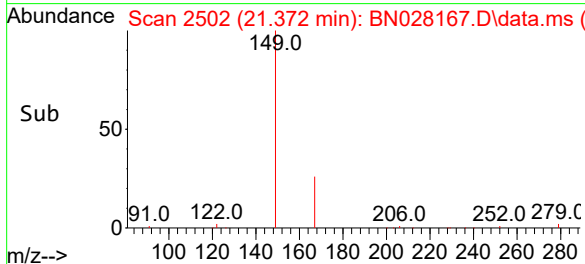
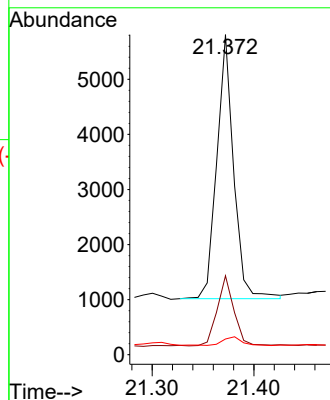
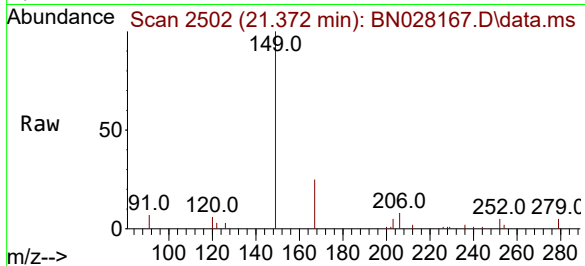




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.308 ng
 RT: 21.372 min Scan# 2137
 Delta R.T. 0.009 min
 Lab File: BN028167.D
 Acq: 09 Oct 2023 18:48

Instrument :
 BNA_N
 ClientSampleId :
 FB-1

Tgt Ion:149 Resp: 5496
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.1 33.1
 279 3.7 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.984 min Scan# 3156
 Delta R.T. 0.009 min
 Lab File: BN028167.D
 Acq: 09 Oct 2023 18:48

Tgt Ion:264 Resp: 8373
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.2 30.4
 265 100.6 54.8 82.2#

