

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029162.D
 Acq On : 21 Dec 2023 22:06
 Operator : MA/JU
 Sample : 05719-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-TT188S1-GW-20231206

Quant Time: Dec 21 23:28:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

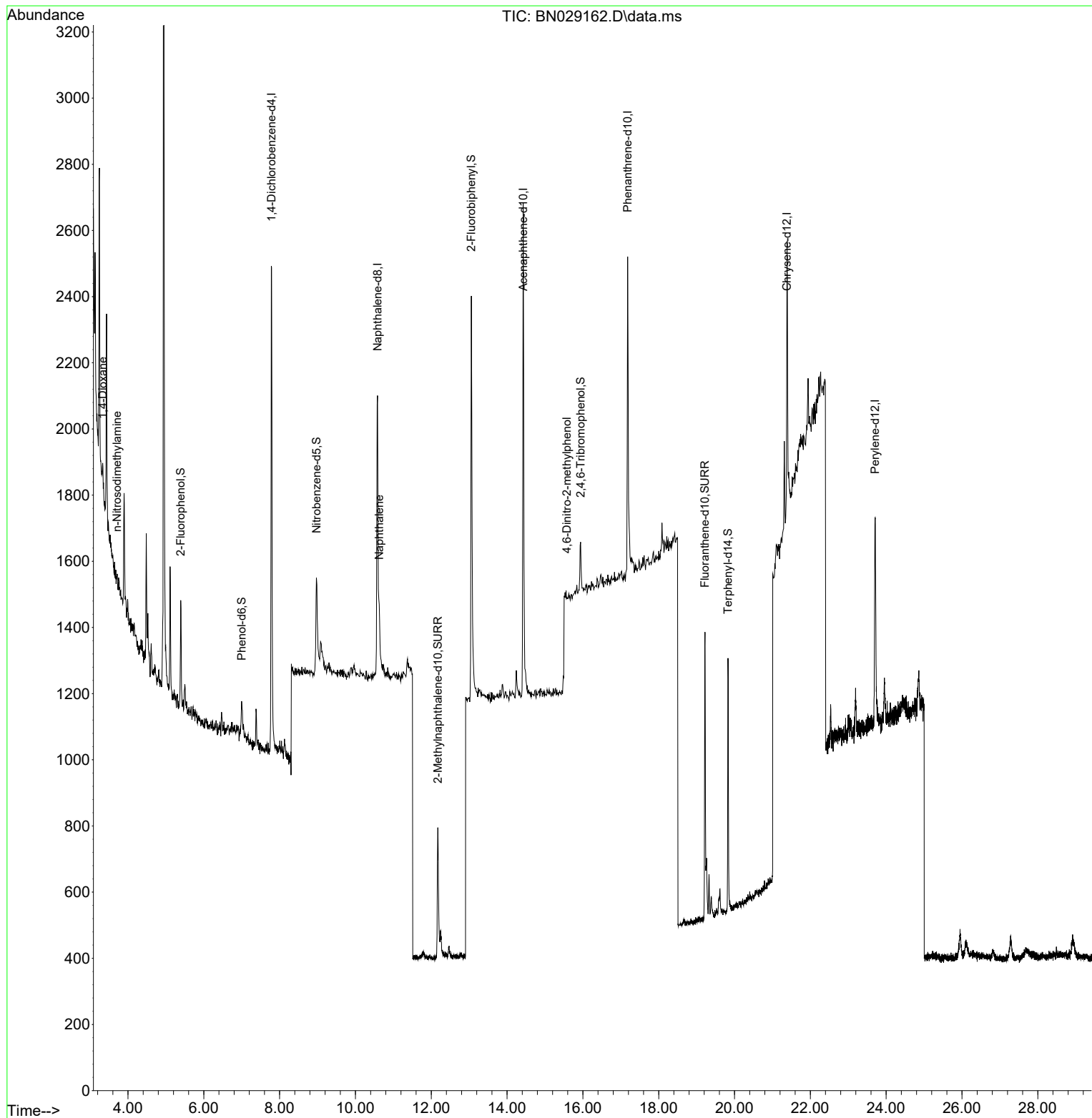
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	904	0.400	ng	-0.01
7) Naphthalene-d8	10.584	136	1680	0.400	ng	0.00
13) Acenaphthene-d10	14.426	164	987	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1616	0.400	ng	0.00
29) Chrysene-d12	21.385	240	760	0.400	ng	0.00
35) Perylene-d12	23.707	264	946	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	273	0.126	ng	-0.01
5) Phenol-d6	7.002	99	163	0.069	ng	0.00
8) Nitrobenzene-d5	8.971	82	524	0.239	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	772	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	129	0.150	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1409	0.244	ng	0.00
27) Fluoranthene-d10	19.220	212	1122	0.287	ng	0.00
31) Terphenyl-d14	19.828	244	689	0.330	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.333	88	133	0.156	ng	# 63
3) n-Nitrosodimethylamine	3.709	42	41	0.070	ng	# 9
9) Naphthalene	10.626	128	231	0.042	ng	# 43
20) 4,6-Dinitro-2-methylph...	15.580	198	2	0.065	ng	# 31
34) Bis(2-ethylhexyl)phtha...	21.313	149	350	Below Cal		# 88

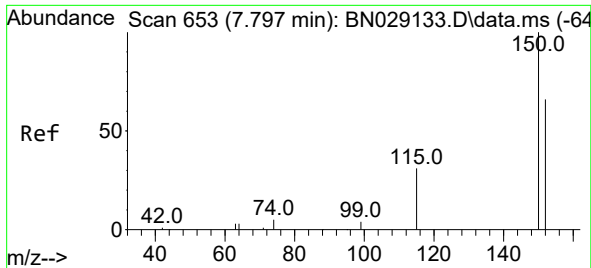
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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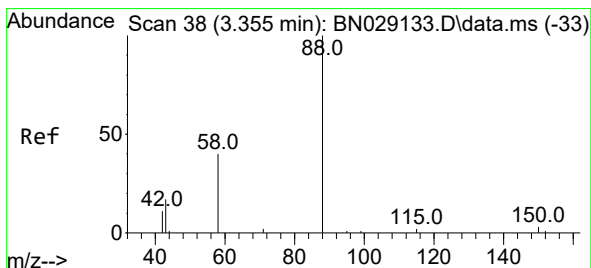
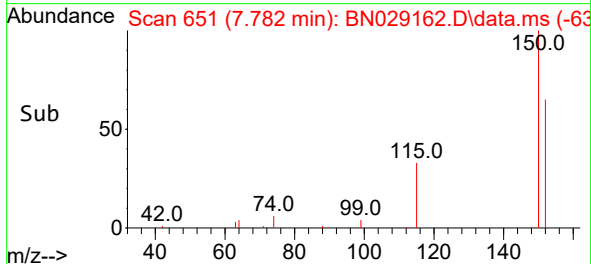
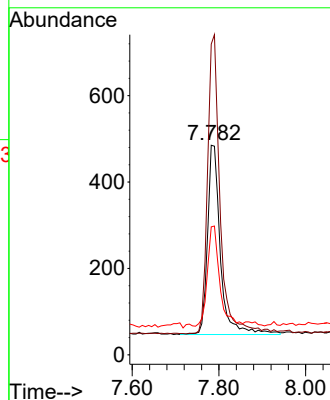
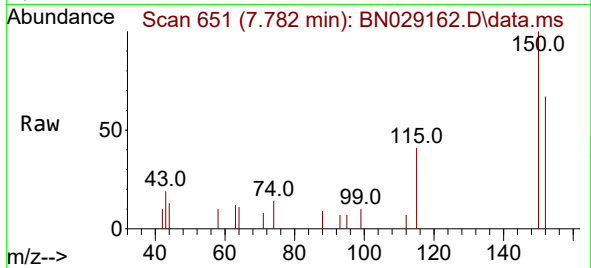




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN029162.D
 Acq: 21 Dec 2023 22:06

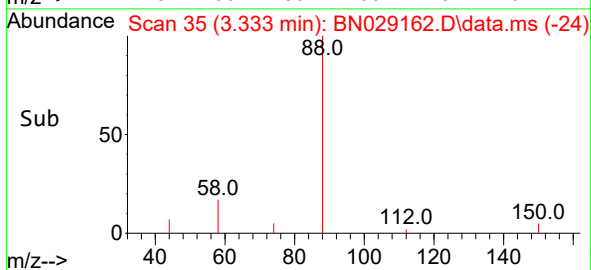
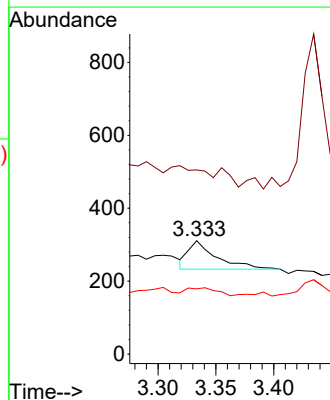
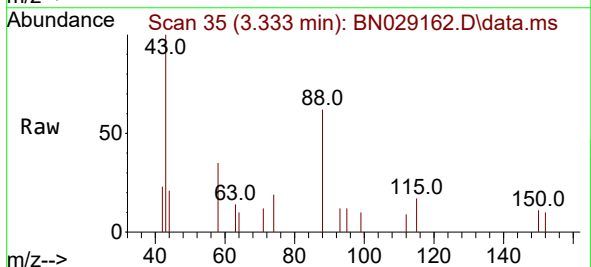
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-TT188S1-GW-20231206

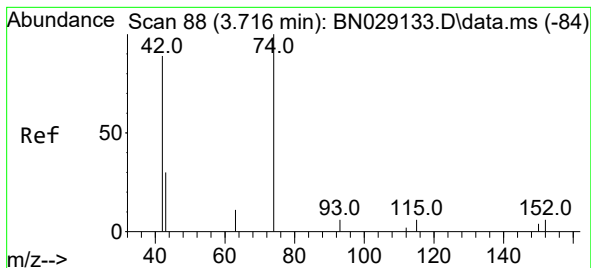
Tgt Ion:152 Resp: 904
 Ion Ratio Lower Upper
 152 100
 150 148.2 117.6 176.4
 115 61.0 44.2 66.2



#2
 1,4-Dioxane
 Concen: 0.156 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.022 min
 Lab File: BN029162.D
 Acq: 21 Dec 2023 22:06

Tgt Ion: 88 Resp: 133
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.1 30.1#
 58 24.8 35.4 53.2#





#3

n-Nitrosodimethylamine

Concen: 0.070 ng

RT: 3.709 min Scan# 81

Delta R.T. -0.007 min

Lab File: BN029162.D

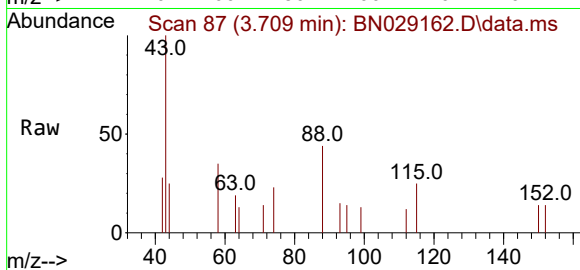
Acq: 21 Dec 2023 22:06

Instrument :

BNA_N

ClientSampleId :

BP-TT-TT188S1-GW-20231206



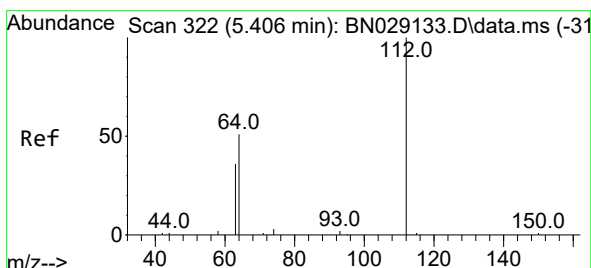
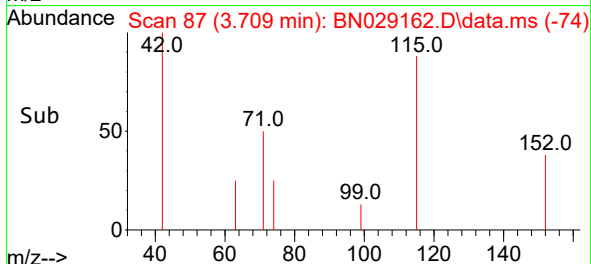
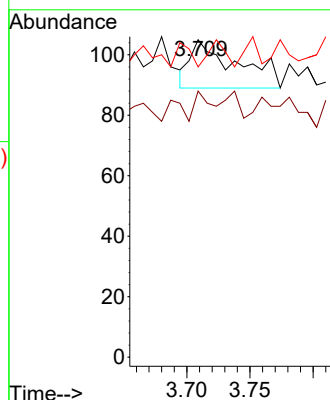
Tgt Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

74 22.0 103.0 154.4#

44 19.5 3.2 4.8#



#4

2-Fluorophenol

Concen: 0.126 ng

RT: 5.392 min Scan# 320

Delta R.T. -0.015 min

Lab File: BN029162.D

Acq: 21 Dec 2023 22:06

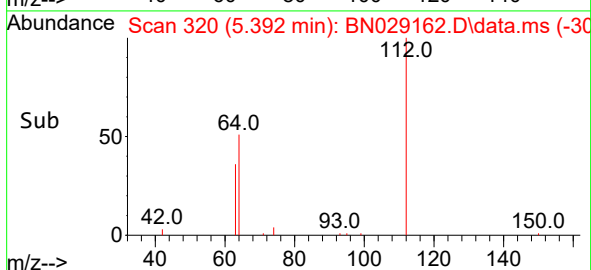
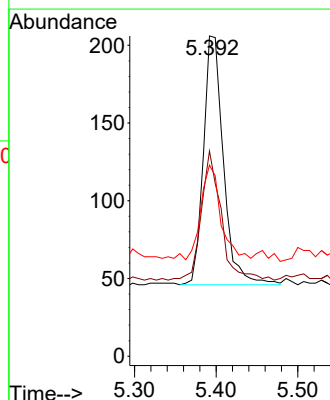
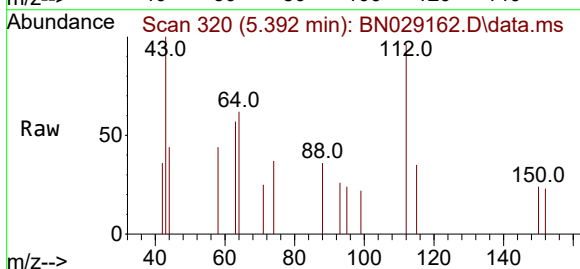
Tgt Ion: 112 Resp: 273

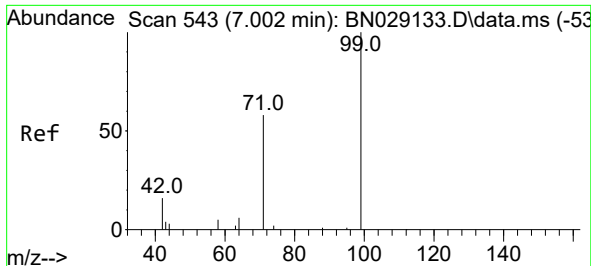
Ion Ratio Lower Upper

112 100

64 51.3 38.6 58.0

63 36.3 30.0 45.0

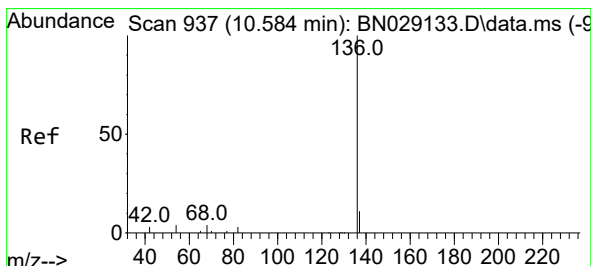
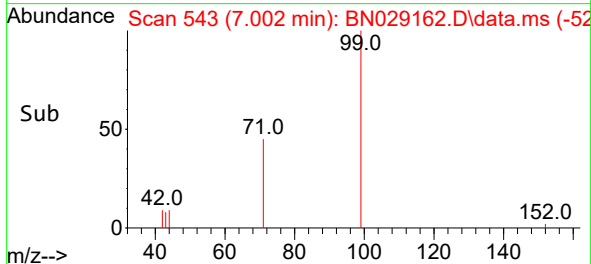
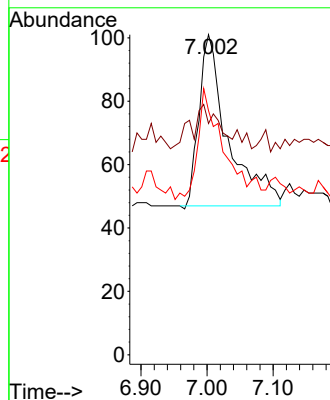
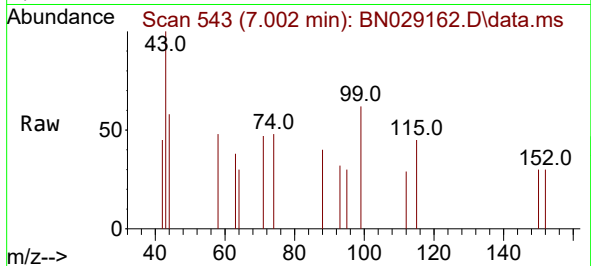




#5
Phenol-d6
Concen: 0.069 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029162.D
Acq: 21 Dec 2023 22:06

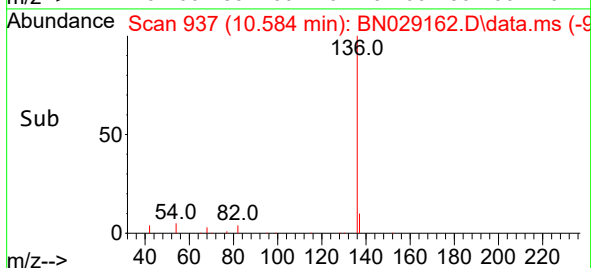
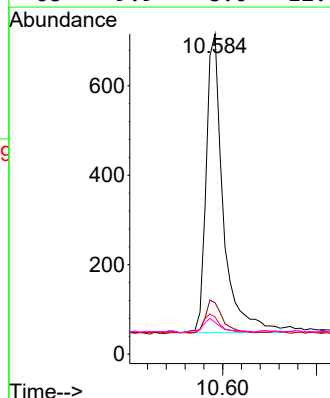
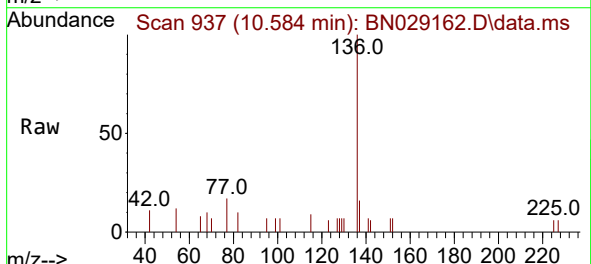
Instrument :
BNA_N
ClientSampleId :
BP-TT-TT188S1-GW-20231206

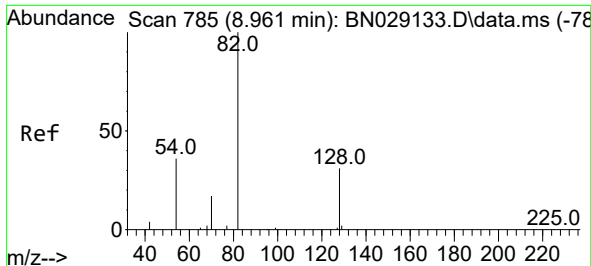
Tgt Ion: 99 Resp: 163
Ion Ratio Lower Upper
99 100
42 23.9 13.8 20.6#
71 54.0 45.4 68.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN029162.D
Acq: 21 Dec 2023 22:06

Tgt Ion: 136 Resp: 1680
Ion Ratio Lower Upper
136 100
137 16.1 13.4 20.0
54 11.6 8.6 13.0
68 9.9 8.0 12.0

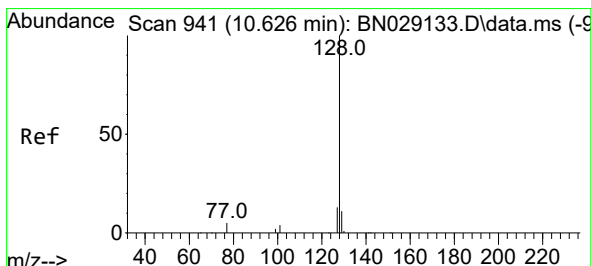
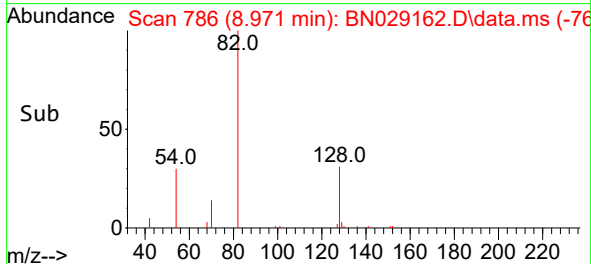
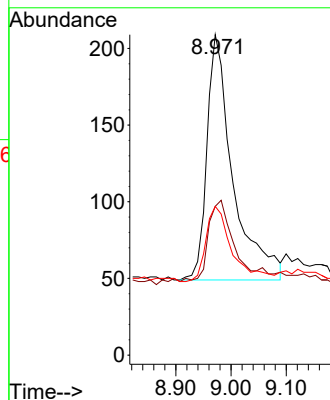
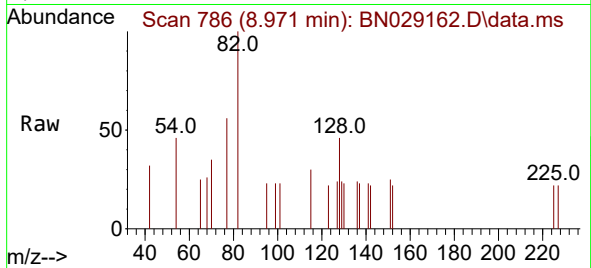




#8
Nitrobenzene-d5
Concen: 0.239 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.011 min
Lab File: BN029162.D
Acq: 21 Dec 2023 22:06

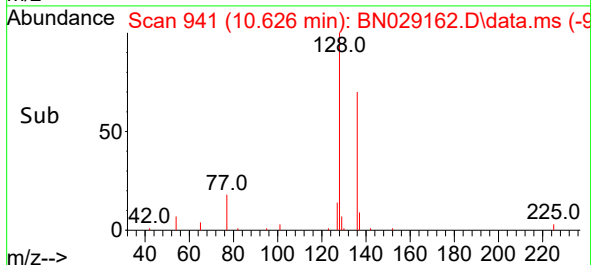
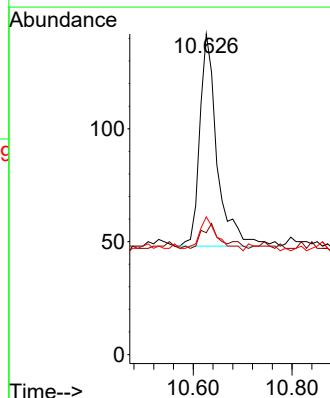
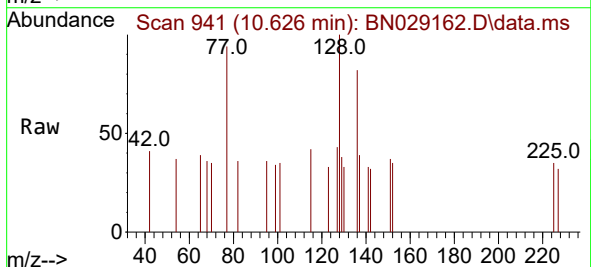
Instrument :
BNA_N
ClientSampleId :
BP-TT-TT188S1-GW-20231206

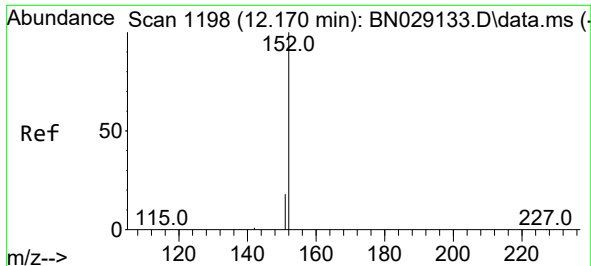
Tgt Ion: 82	Resp:	524
Ion Ratio	Lower	Upper
82	100	
128	46.4	33.0 49.4
54	46.4	35.8 53.8



#9
Naphthalene
Concen: 0.042 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN029162.D
Acq: 21 Dec 2023 22:06

Tgt Ion: 128	Resp:	231
Ion Ratio	Lower	Upper
128	100	
129	38.0	12.0 18.0#
127	43.0	14.1 21.1#





#11

2-Methylnaphthalene-d10

Concen: 0.303 ng

RT: 12.174 min Scan# 1199

Delta R.T. 0.004 min

Lab File: BN029162.D

Acq: 21 Dec 2023 22:06

Instrument :

BNA_N

ClientSampleId :

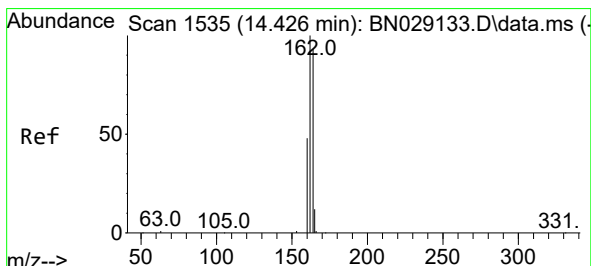
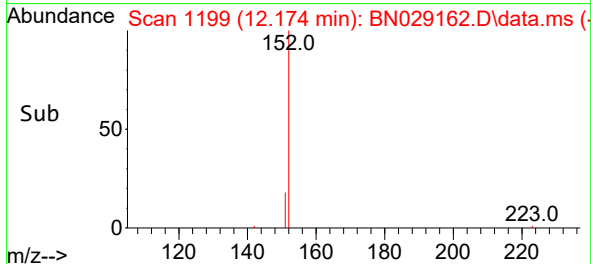
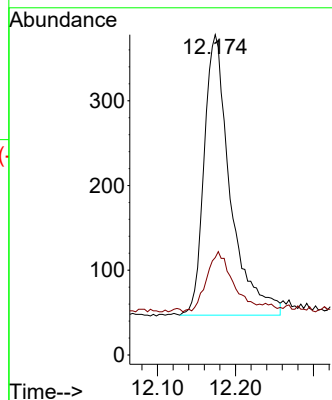
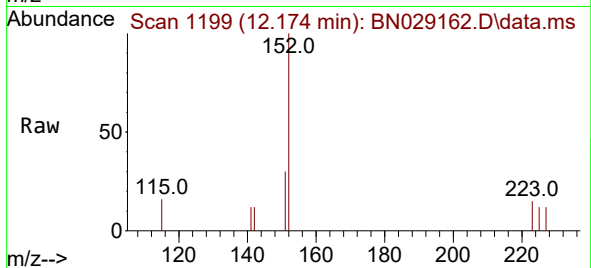
BP-TT-TT188S1-GW-20231206

Tgt Ion:152 Resp: 772

Ion Ratio Lower Upper

152 100

151 21.5 17.4 26.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.426 min Scan# 1535

Delta R.T. -0.000 min

Lab File: BN029162.D

Acq: 21 Dec 2023 22:06

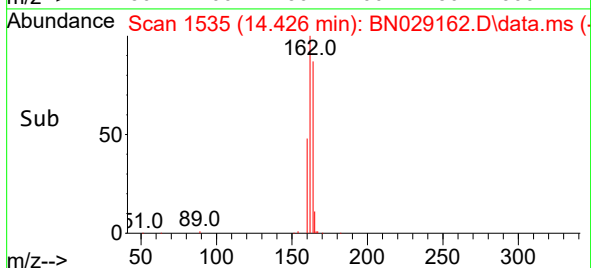
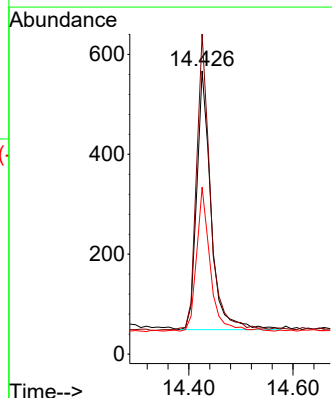
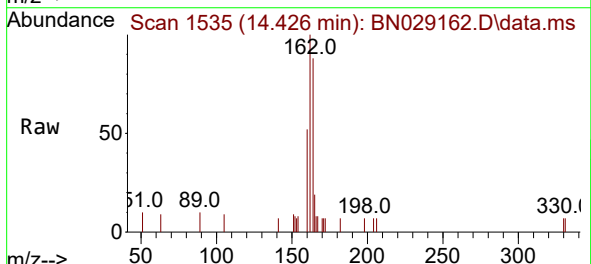
Tgt Ion:164 Resp: 987

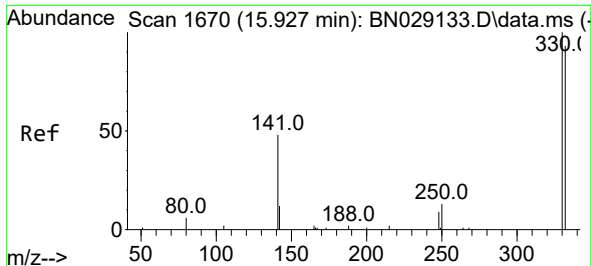
Ion Ratio Lower Upper

164 100

162 113.1 85.0 127.4

160 58.9 45.8 68.8

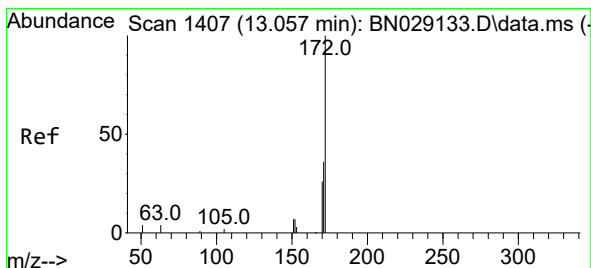
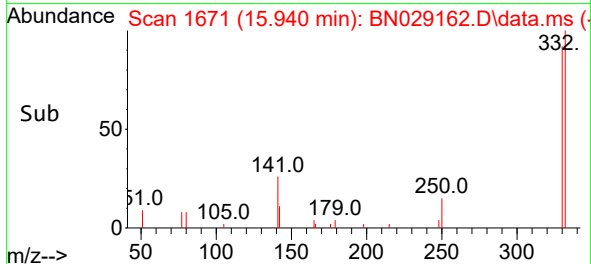
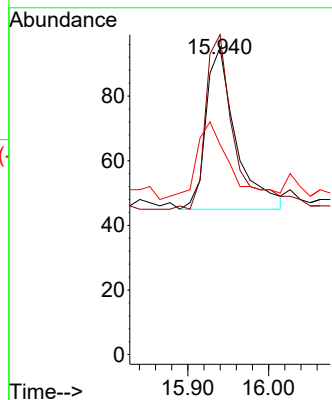
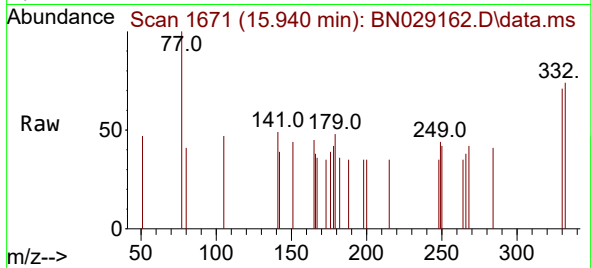




#14
2,4,6-Tribromophenol
Concen: 0.150 ng
RT: 15.940 min Scan# 1671
Delta R.T. 0.012 min
Lab File: BN029162.D
Acq: 21 Dec 2023 22:06

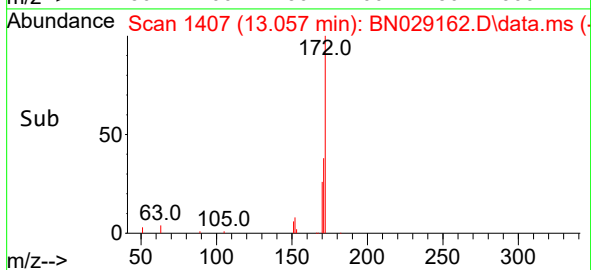
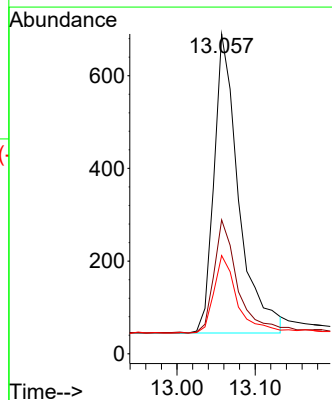
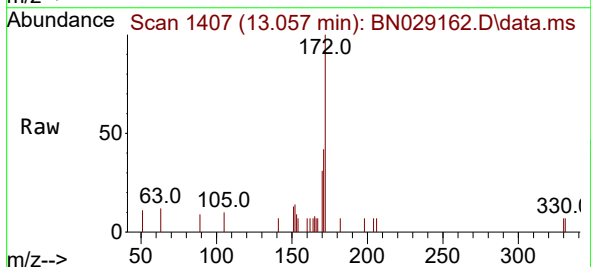
Instrument :
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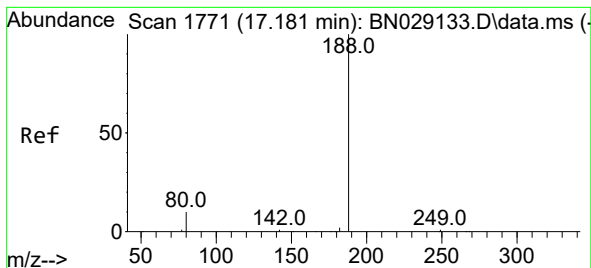
Tgt Ion:330 Resp: 129
Ion Ratio Lower Upper
330 100
332 100.8 83.4 125.0
141 45.0 43.8 65.8



#15
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 13.057 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN029162.D
Acq: 21 Dec 2023 22:06

Tgt Ion:172 Resp: 1409
Ion Ratio Lower Upper
172 100
171 41.9 32.2 48.4
170 30.7 25.0 37.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.181 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BN029162.D

Acq: 21 Dec 2023 22:06

Instrument :

BNA_N

ClientSampleId :

BP-TT-TT188S1-GW-20231206

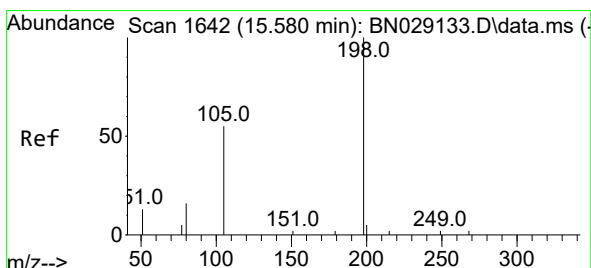
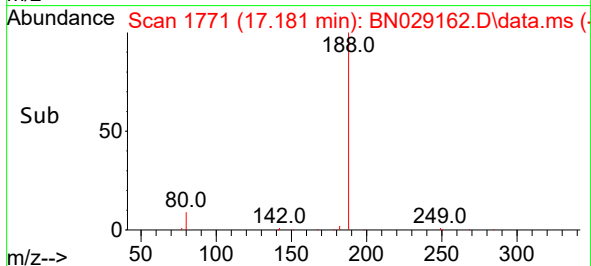
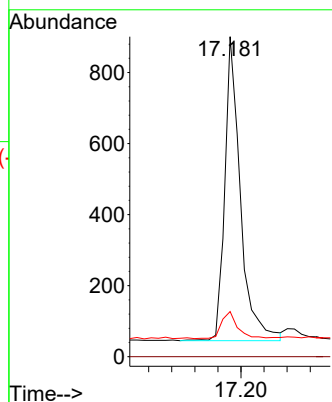
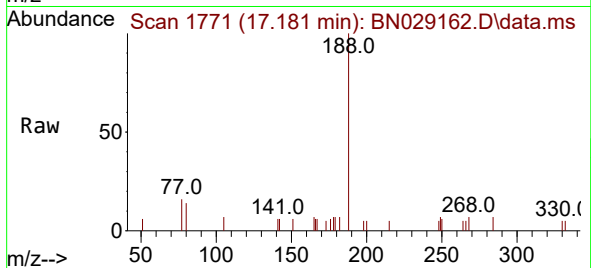
Tgt Ion:188 Resp: 1616

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 13.7 20.5



#20

4,6-Dinitro-2-methylphenol

Concen: 0.065 ng

RT: 15.580 min Scan# 1642

Delta R.T. -0.000 min

Lab File: BN029162.D

Acq: 21 Dec 2023 22:06

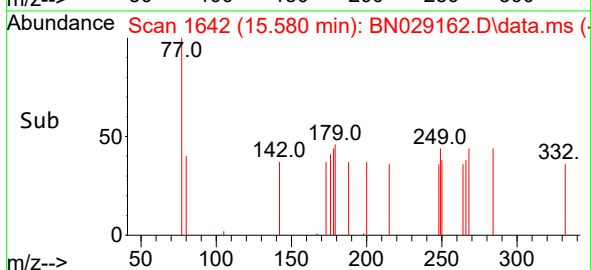
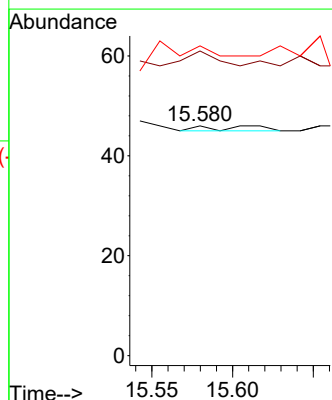
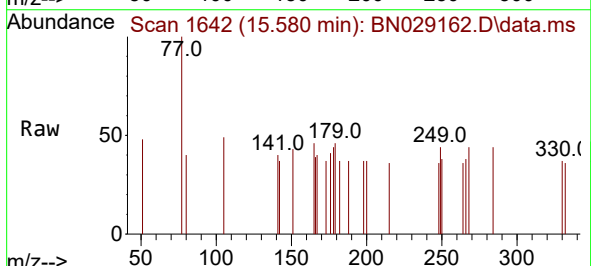
Tgt Ion:198 Resp: 2

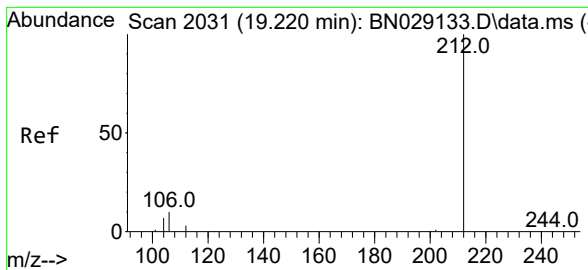
Ion Ratio Lower Upper

198 100

51 132.6 53.6 80.4#

105 134.8 65.6 98.4#

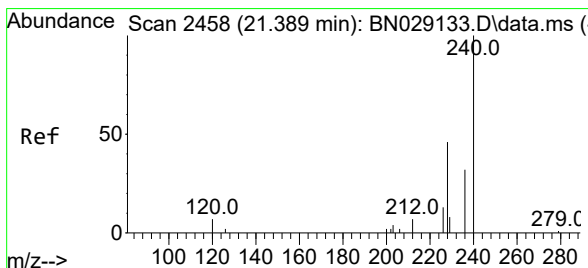
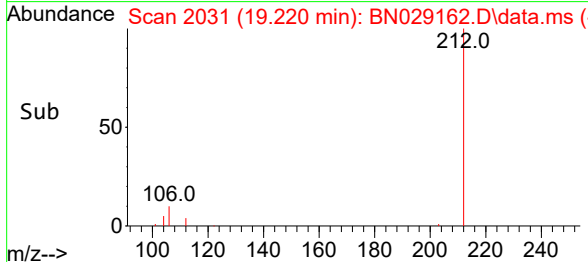
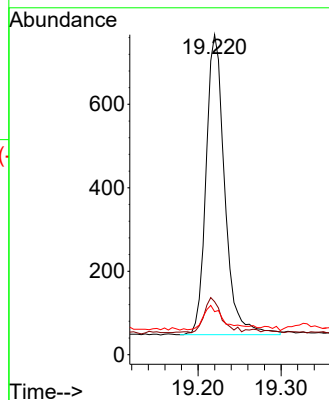
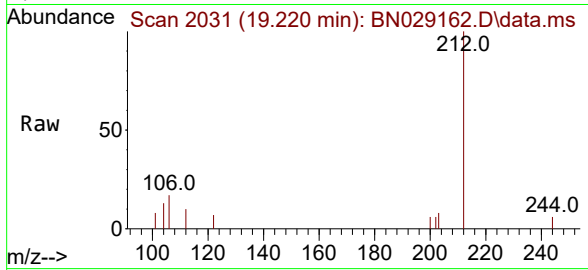




#27
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.220 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN029162.D
Acq: 21 Dec 2023 22:06

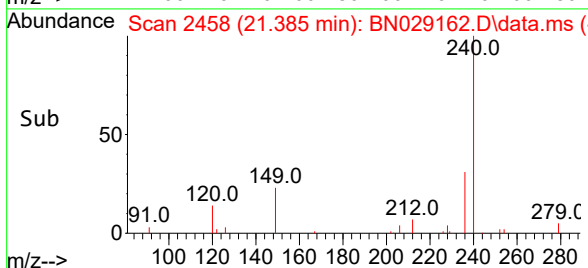
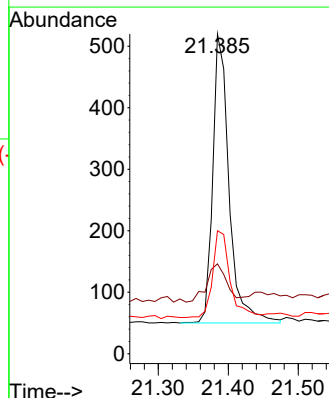
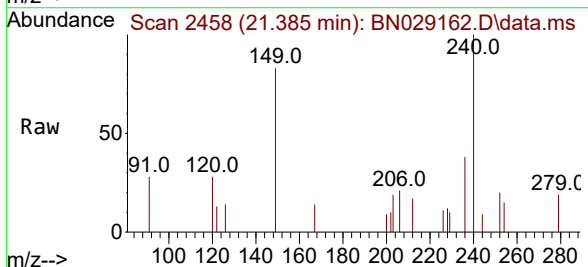
Instrument :
BNA_N
ClientSampleId :
BP-TT-TT188S1-GW-20231206

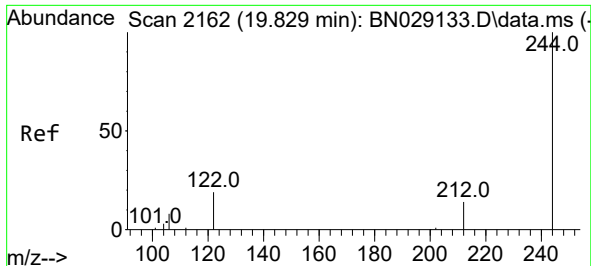
Tgt Ion:212 Resp: 1122
Ion Ratio Lower Upper
212 100
106 11.1 9.6 14.4
104 9.5 6.5 9.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 2458
Delta R.T. -0.004 min
Lab File: BN029162.D
Acq: 21 Dec 2023 22:06

Tgt Ion:240 Resp: 760
Ion Ratio Lower Upper
240 100
120 28.1 21.4 32.0
236 38.5 33.5 50.3

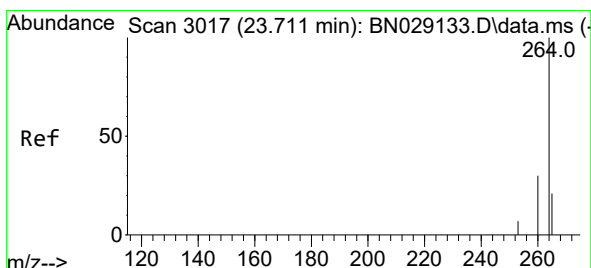
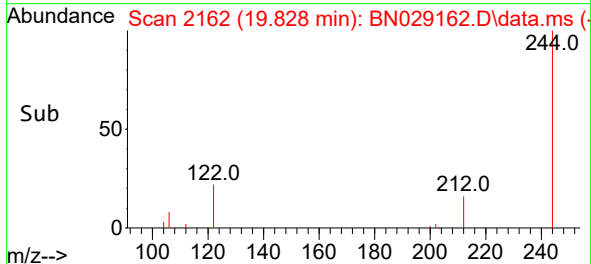
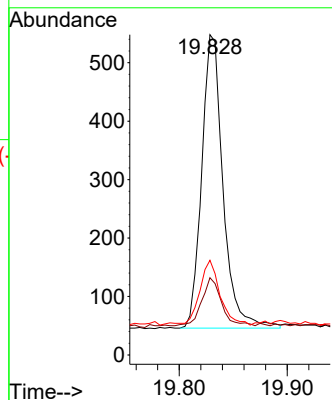
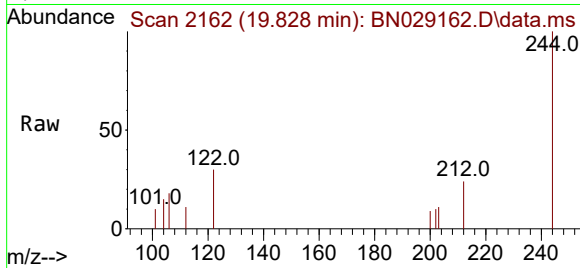




#31
 Terphenyl-d14
 Concen: 0.330 ng
 RT: 19.828 min Scan# 2162
 Delta R.T. -0.000 min
 Lab File: BN029162.D
 Acq: 21 Dec 2023 22:06

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-TT188S1-GW-20231206

Tgt Ion:	244	Resp:	689
Ion Ratio	Lower	Upper	
244	100		
212	24.1	19.0	28.6
122	29.6	22.5	33.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.707 min Scan# 3017
 Delta R.T. -0.004 min
 Lab File: BN029162.D
 Acq: 21 Dec 2023 22:06

Tgt Ion:	264	Resp:	946
Ion Ratio	Lower	Upper	
264	100		
260	35.0	31.0	46.6
265	118.5	105.3	157.9

