

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032591.D
 Acq On : 09 Jul 2024 17:03
 Operator : MA/JU
 Sample : P3173-04
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-763-765

Quant Time: Jul 09 17:37:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

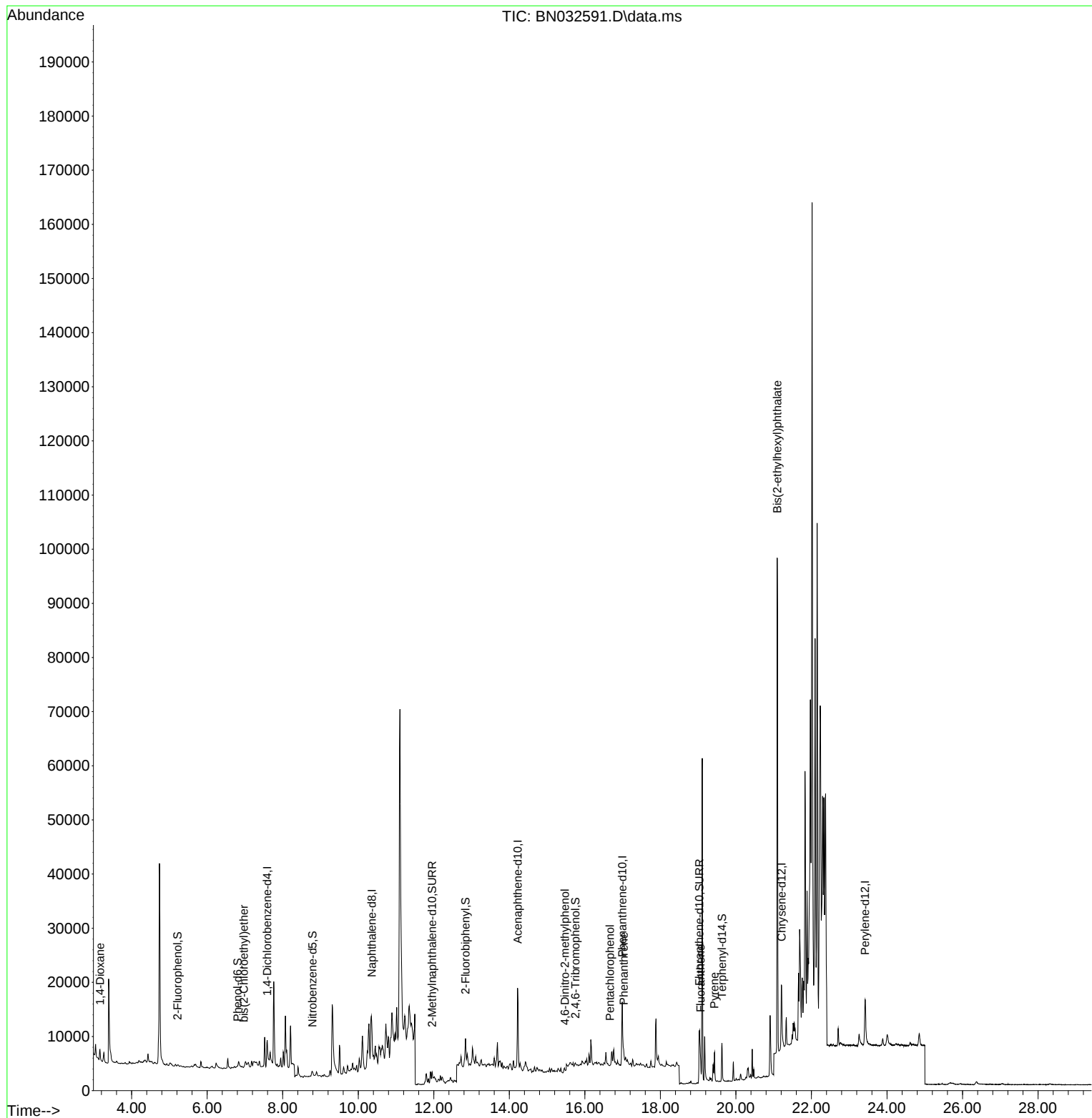
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	3951	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	13398	0.400	ng	#-0.02
13) Acenaphthene-d10	14.220	164	9304	0.400	ng	-0.01
19) Phenanthrene-d10	16.991	188	19578	0.400	ng	#-0.01
29) Chrysene-d12	21.211	240	15442	0.400	ng	0.00
35) Perylene-d12	23.422	264	14141	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	596	0.060	ng	0.00
5) Phenol-d6	6.808	99	608	0.048	ng	-0.01
8) Nitrobenzene-d5	8.787	82	1639	0.164	ng	-0.01
11) 2-Methylnaphthalene-d10	11.956	152	3777	0.178	ng	-0.03
14) 2,4,6-Tribromophenol	15.750	330	361	0.086	ng	-0.01
15) 2-Fluorobiphenyl	12.841	172	5934	0.173	ng	-0.02
27) Fluoranthene-d10	19.035	212	9978	0.196	ng	0.00
31) Terphenyl-d14	19.629	244	6816	0.181	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	1484	0.285	ng	# 77
6) bis(2-Chloroethyl)ether	6.974	93	114	0.096	ng	# 24
20) 4,6-Dinitro-2-methylph...	15.471	198	54	0.215	ng	# 1
24) Pentachlorophenol	16.668	266	57	0.178	ng	# 73
25) Phenanthrene	17.028	178	1804	0.034	ng	# 75
28) Fluoranthene	19.063	202	1838	0.029	ng	# 1
30) Pyrene	19.430	202	2013	0.032	ng	98
34) Bis(2-ethylhexyl)phtha...	21.094	149	87628	2.525	ng	99

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

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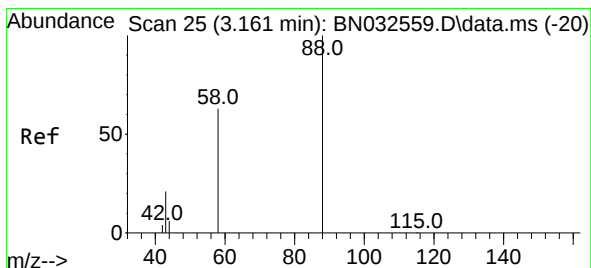
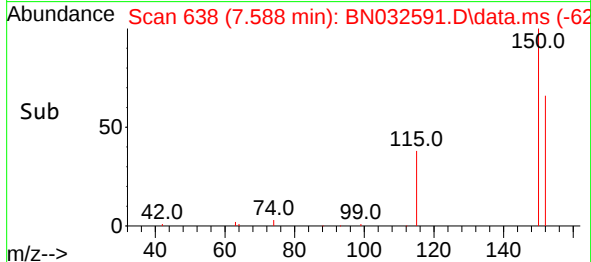
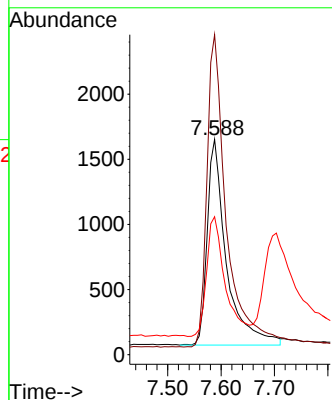
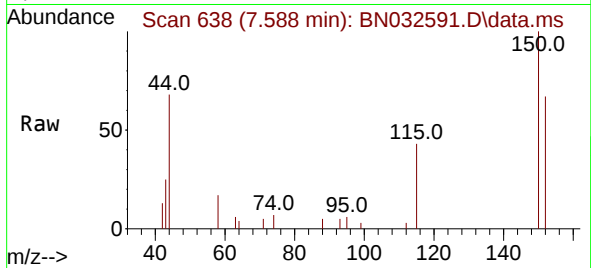




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN032591.D
 Acq: 09 Jul 2024 17:03

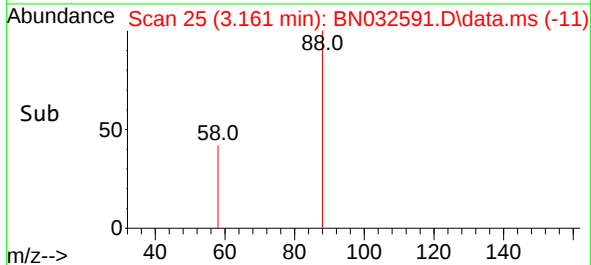
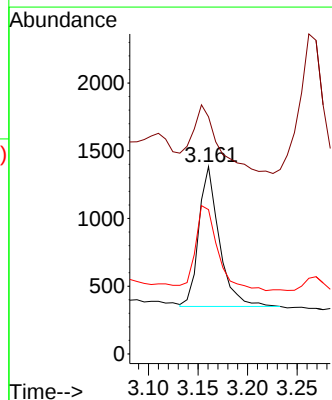
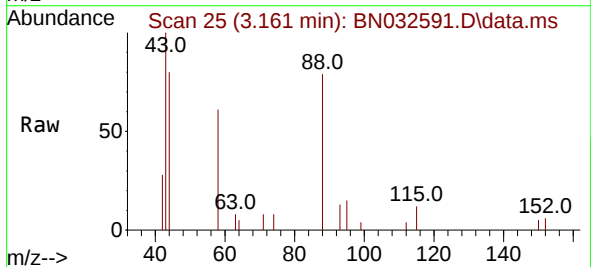
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-763-765

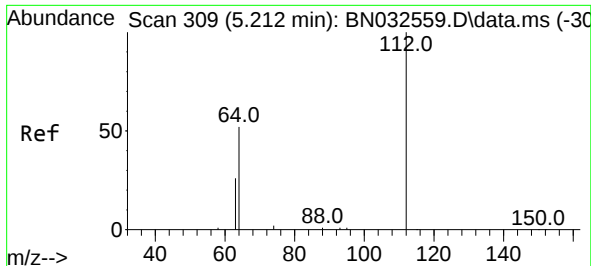
Tgt Ion:152 Resp: 3951
 Ion Ratio Lower Upper
 152 100
 150 148.6 121.6 182.4
 115 64.1 53.1 79.7



#2
 1,4-Dioxane
 Concen: 0.285 ng
 RT: 3.161 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BN032591.D
 Acq: 09 Jul 2024 17:03

Tgt Ion: 88 Resp: 1484
 Ion Ratio Lower Upper
 88 100
 43 62.8 20.4 30.6#
 58 65.4 51.0 76.6

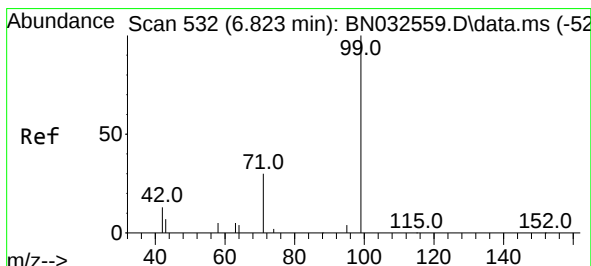
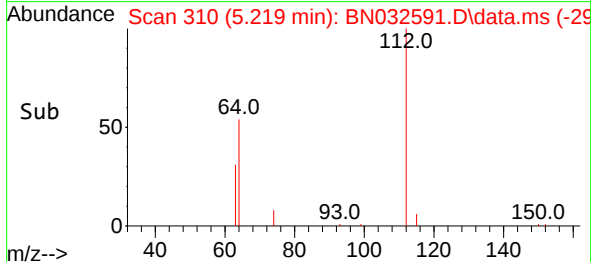
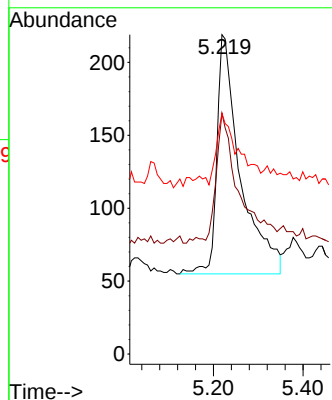
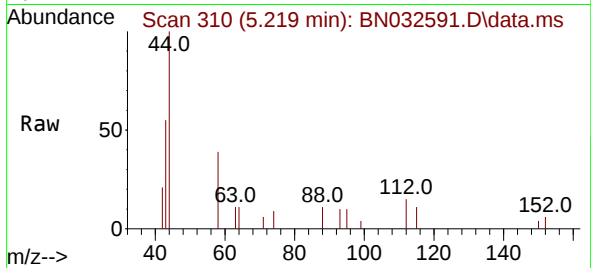




#4
2-Fluorophenol
Concen: 0.060 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

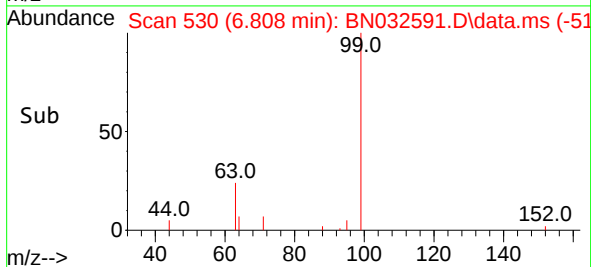
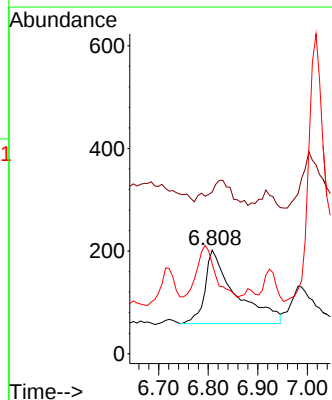
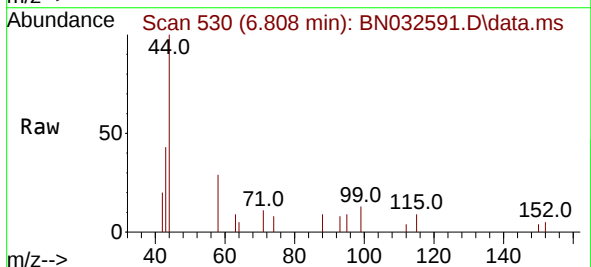
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-763-765

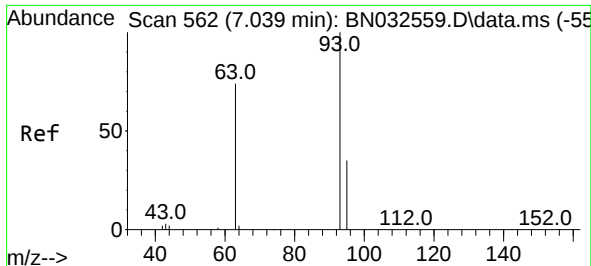
Tgt Ion:112 Resp: 596
Ion Ratio Lower Upper
112 100
64 49.0 41.2 61.8
63 27.7 21.6 32.4



#5
Phenol-d6
Concen: 0.048 ng
RT: 6.808 min Scan# 530
Delta R.T. -0.015 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

Tgt Ion: 99 Resp: 608
Ion Ratio Lower Upper
99 100
42 21.1 10.6 16.0#
71 0.0 25.2 37.8#

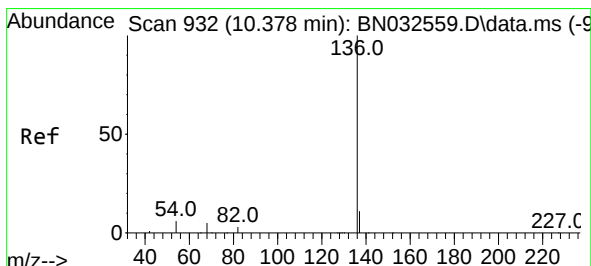
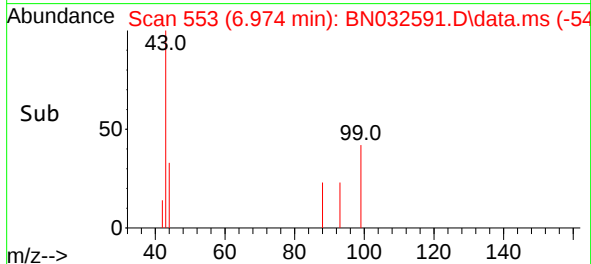
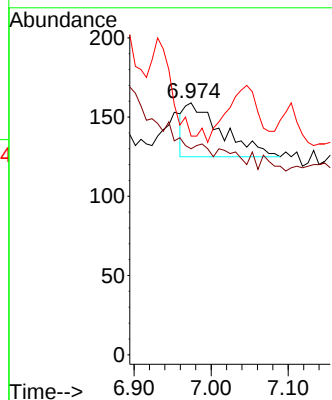
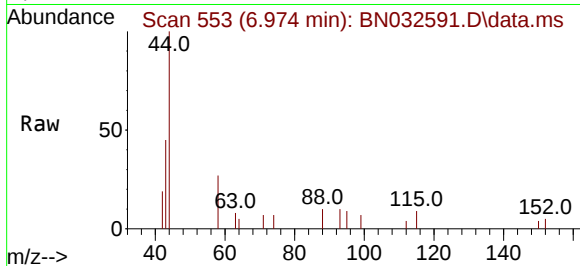




#6
bis(2-Chloroethyl)ether
Concen: 0.096 ng
RT: 6.974 min Scan# 511
Delta R.T. -0.065 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

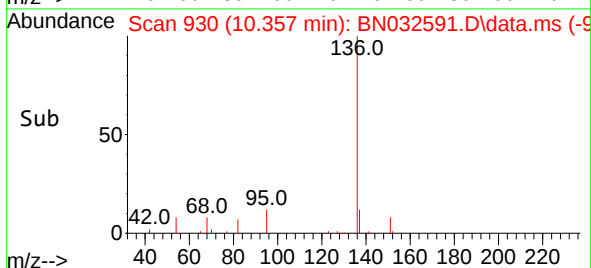
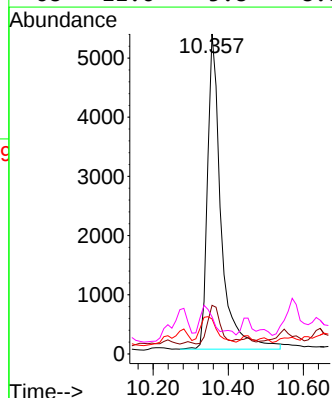
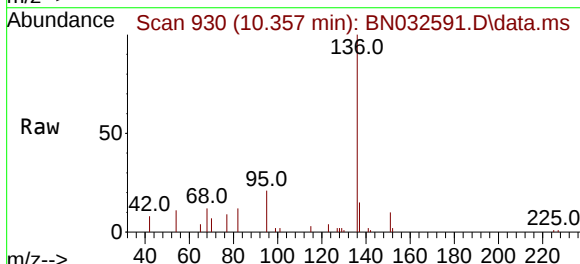
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-763-765

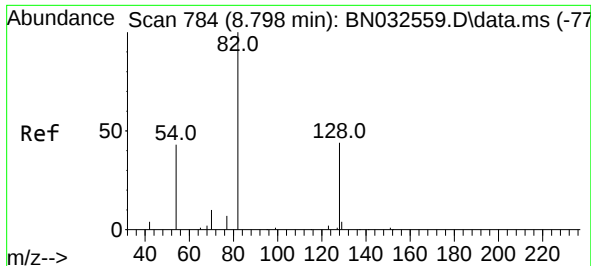
Tgt Ion: 93 Resp: 114
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 0.0 30.5 45.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

Tgt Ion: 136 Resp: 13398
Ion Ratio Lower Upper
136 100
137 15.2 10.0 15.0#
54 10.9 6.6 9.8#
68 11.6 5.8 8.8#

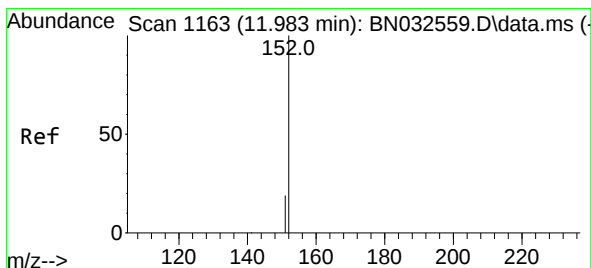
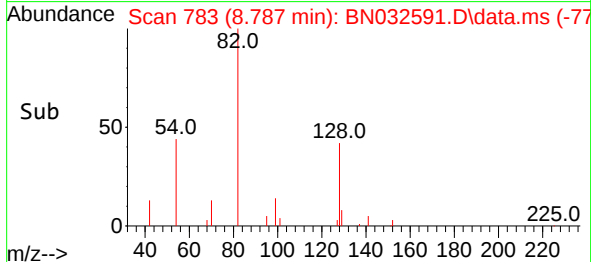
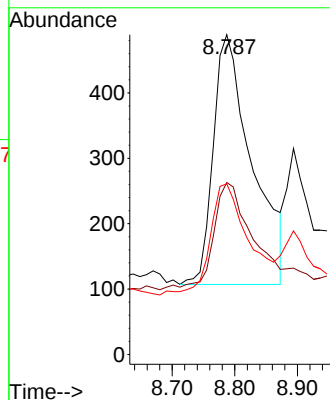
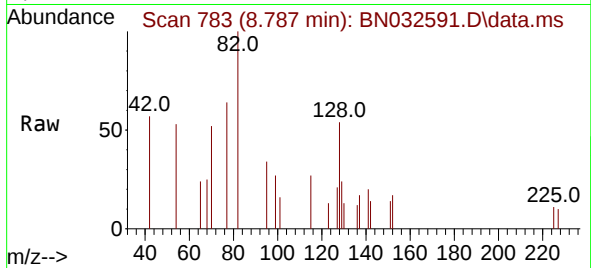




#8
Nitrobenzene-d5
Concen: 0.164 ng
RT: 8.787 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

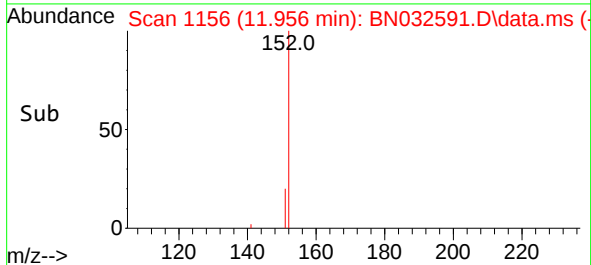
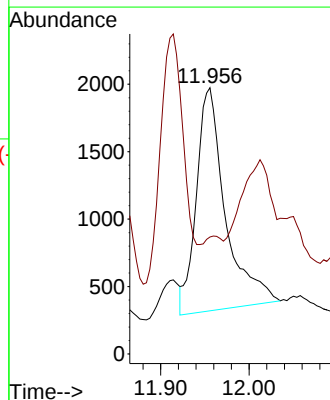
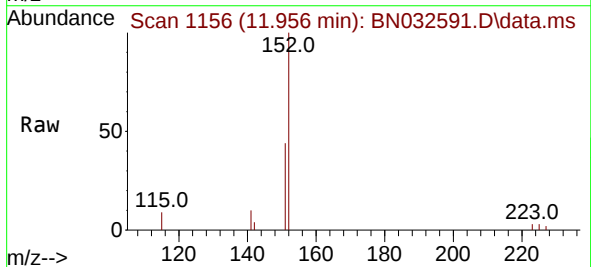
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-763-765

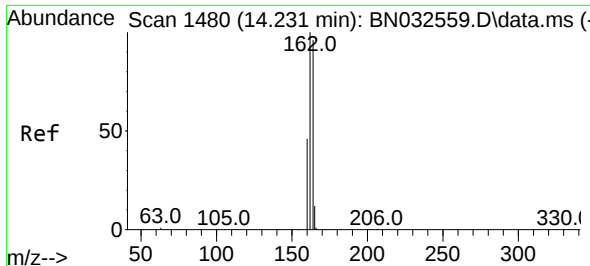
Tgt Ion: 82 Resp: 1639
Ion Ratio Lower Upper
82 100
128 53.8 43.4 65.2
54 53.4 40.2 60.2



#11
2-Methylnaphthalene-d10
Concen: 0.178 ng
RT: 11.956 min Scan# 1156
Delta R.T. -0.027 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

Tgt Ion:152 Resp: 3777
Ion Ratio Lower Upper
152 100
151 0.0 16.4 24.6#

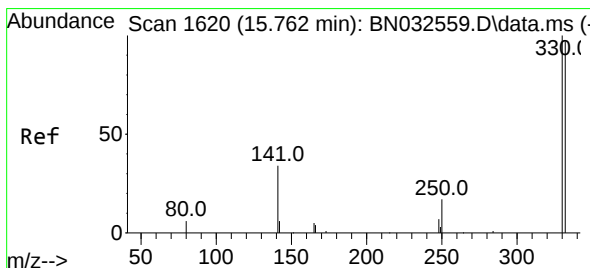
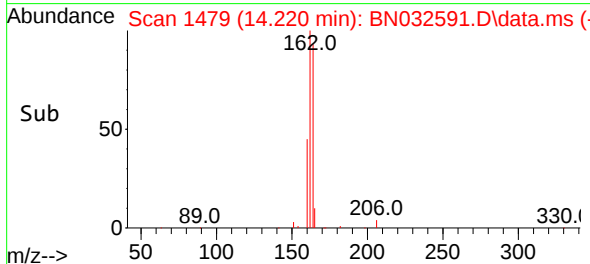
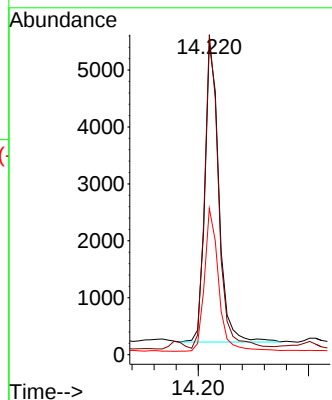
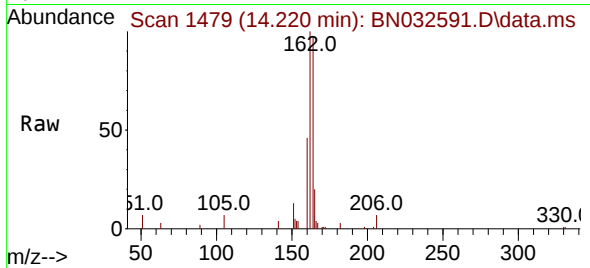




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.220 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

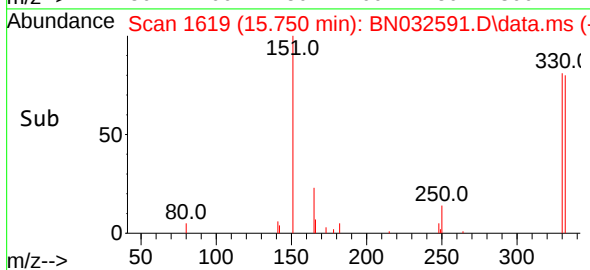
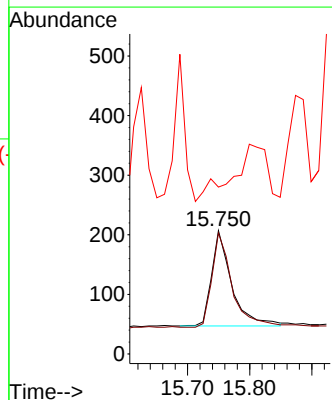
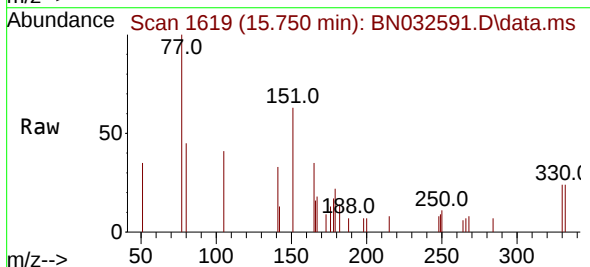
Instrument :
BNA_N
ClientSampleId :
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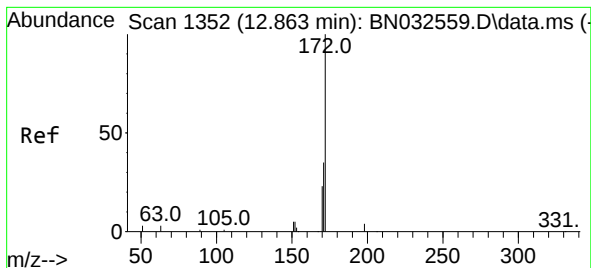
Tgt Ion:164 Resp: 9304
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 47.0 38.6 57.8



#14
2,4,6-Tribromophenol
Concen: 0.086 ng
RT: 15.750 min Scan# 1619
Delta R.T. -0.013 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

Tgt Ion:330 Resp: 361
Ion Ratio Lower Upper
330 100
332 98.9 77.7 116.5
141 0.0 31.8 47.8#





#15

2-Fluorobiphenyl

Concen: 0.173 ng

RT: 12.841 min Scan# 11

Delta R.T. -0.022 min

Lab File: BN032591.D

Acq: 09 Jul 2024 17:03

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-763-765

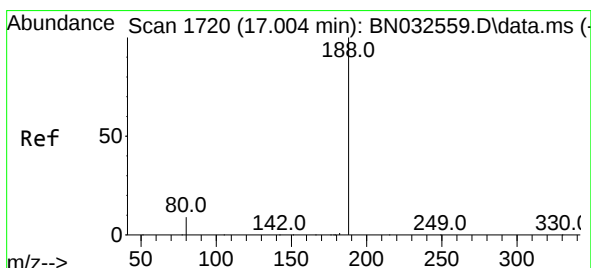
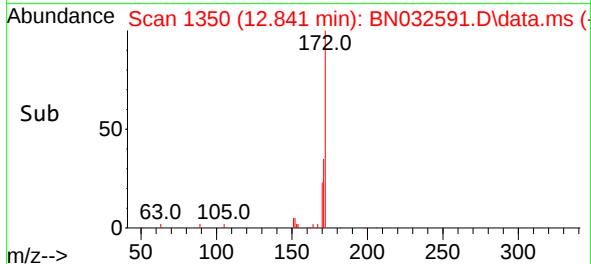
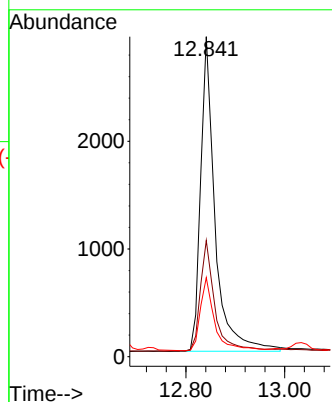
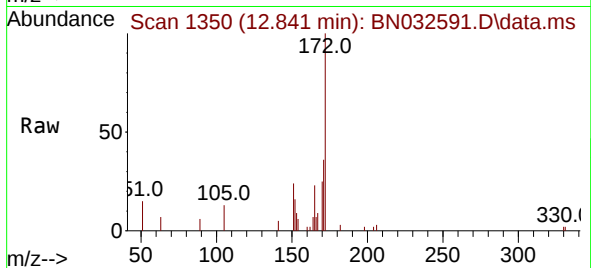
Tgt Ion:172 Resp: 5934

Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.7 19.2 28.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.991 min Scan# 1719

Delta R.T. -0.013 min

Lab File: BN032591.D

Acq: 09 Jul 2024 17:03

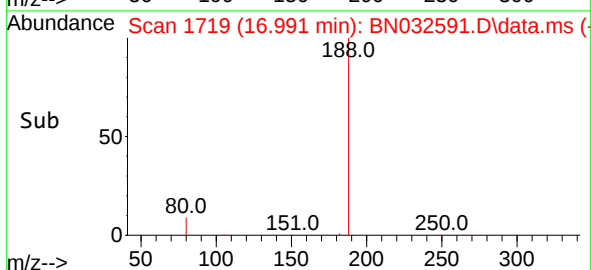
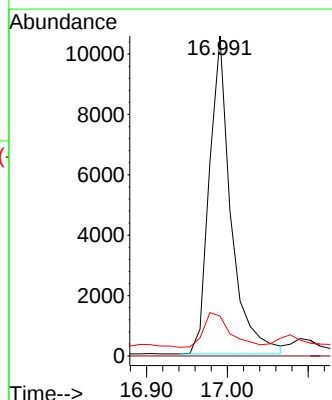
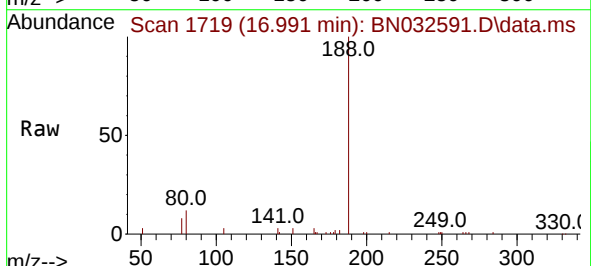
Tgt Ion:188 Resp: 19578

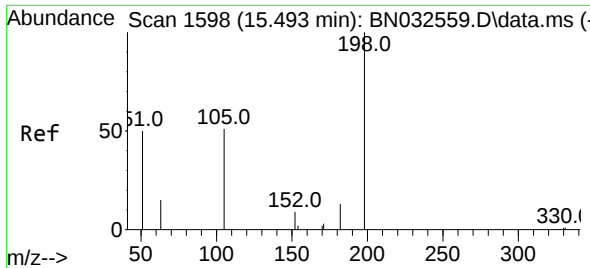
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 7.8 11.6#

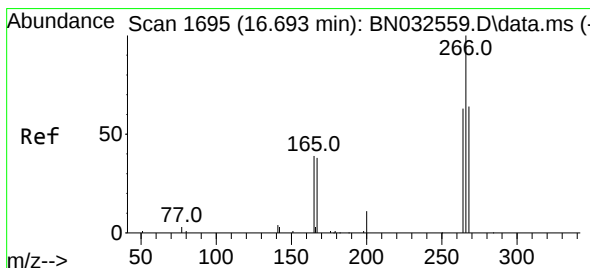
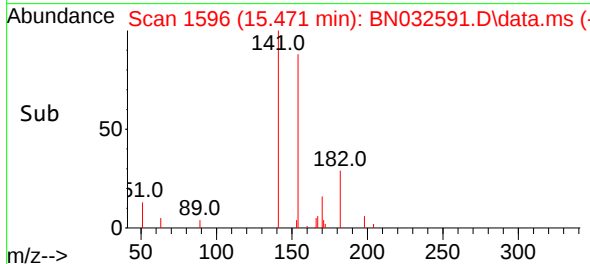
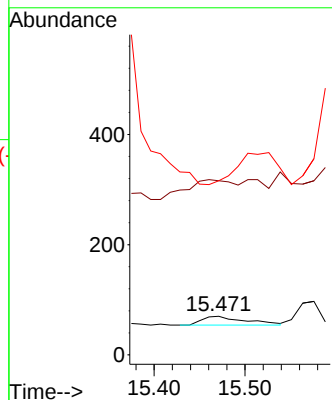
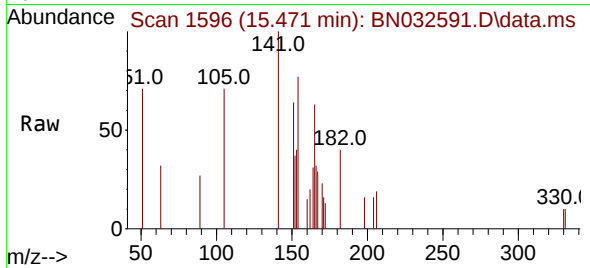




#20
4,6-Dinitro-2-methylphenol
Concen: 0.215 ng
RT: 15.471 min Scan# 1596
Delta R.T. -0.022 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

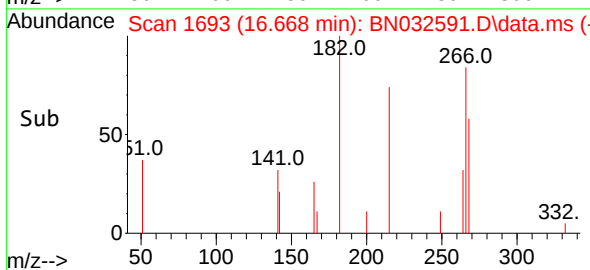
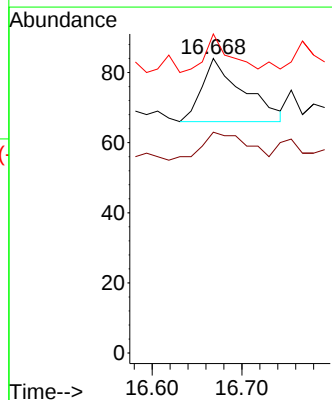
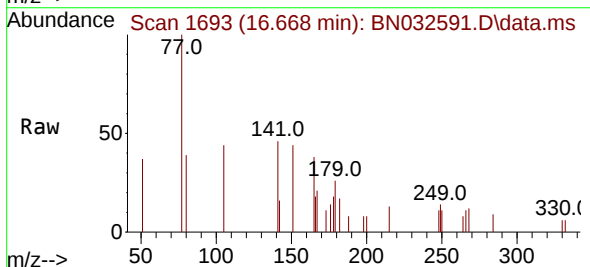
Instrument :
BNA_N
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BP-VPB-189-GW-763-765

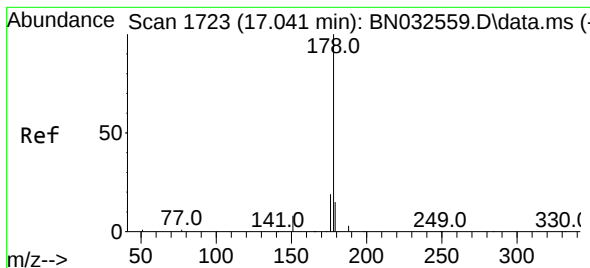
Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 451.4 123.4 185.2#
105 451.4 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.178 ng
RT: 16.668 min Scan# 1693
Delta R.T. -0.025 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

Tgt Ion:266 Resp: 57
Ion Ratio Lower Upper
266 100
264 49.1 49.6 74.4#
268 36.8 52.2 78.2#





#25

Phenanthrene

Concen: 0.034 ng

RT: 17.028 min Scan# 1722

Delta R.T. -0.013 min

Lab File: BN032591.D

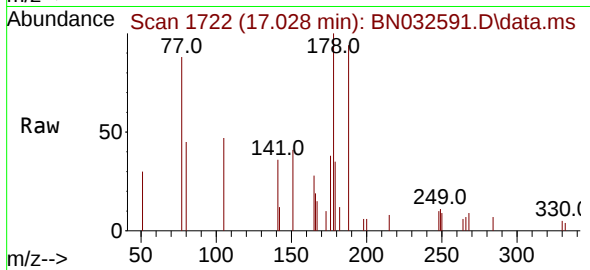
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Instrument :

BNA_N

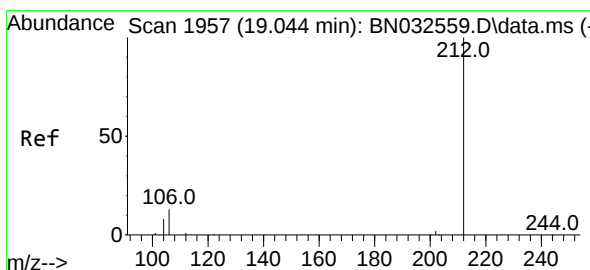
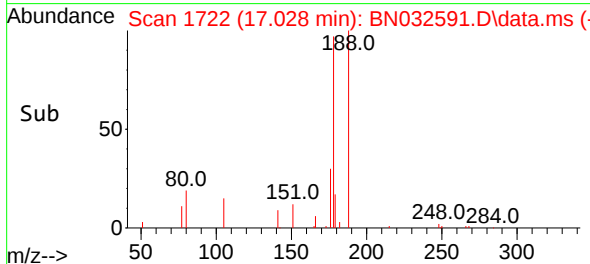
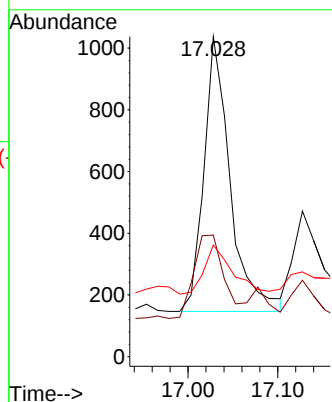
ClientSampleId :

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Tgt Ion:178 Resp: 1804

Ion	Ratio	Lower	Upper
178	100		
176	35.9	15.2	22.8#
179	19.1	12.2	18.4#



#27

Fluoranthene-d10

Concen: 0.196 ng

RT: 19.035 min Scan# 1955

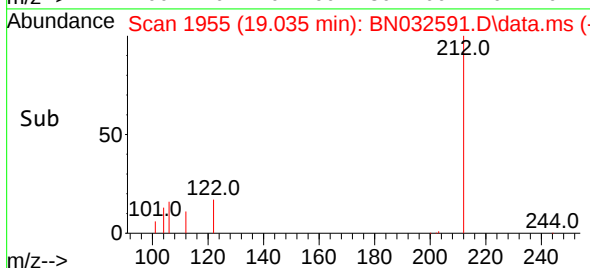
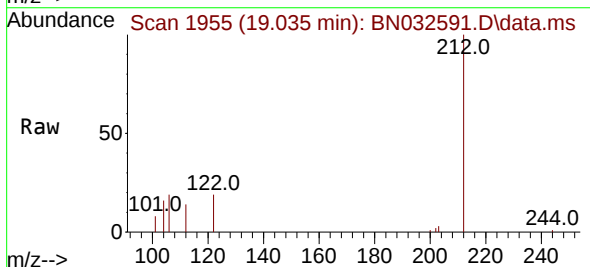
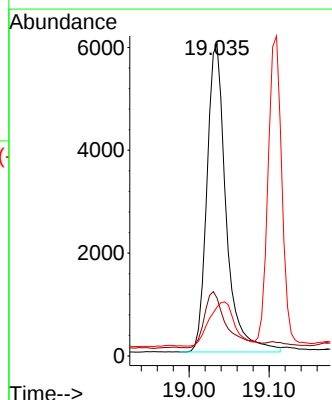
Delta R.T. -0.010 min

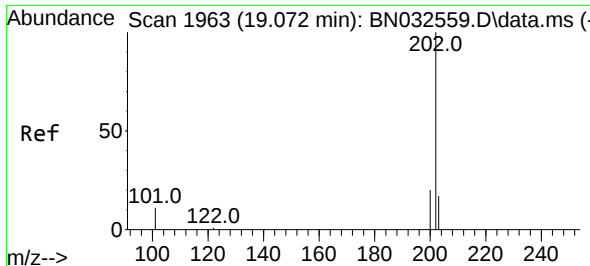
Lab File: BN032591.D

Acq: 09 Jul 2024 17:03

Tgt Ion:212 Resp: 9978

Ion	Ratio	Lower	Upper
212	100		
106	21.4	11.8	17.8#
104	19.1	6.9	10.3#

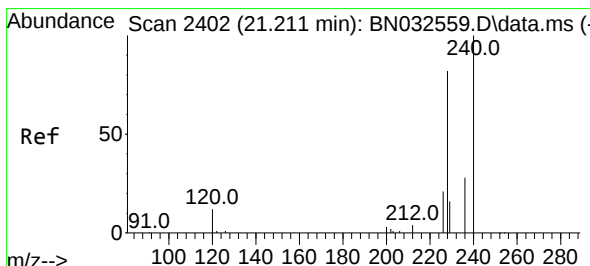
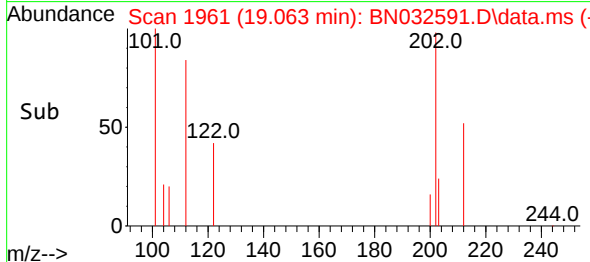
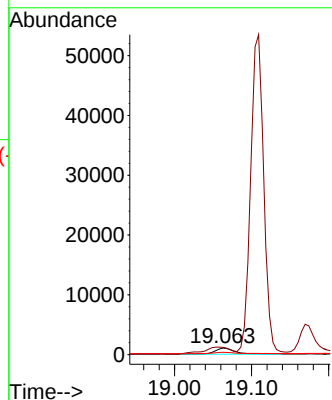
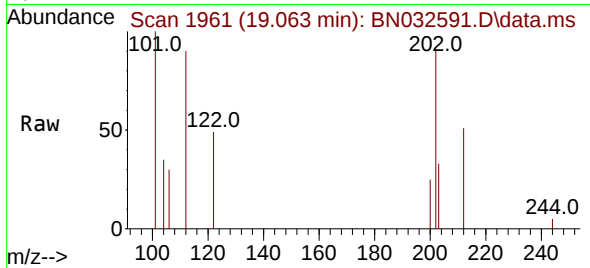




#28
Fluoranthene
Concen: 0.029 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.010 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

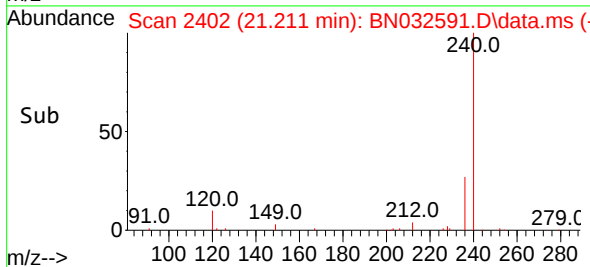
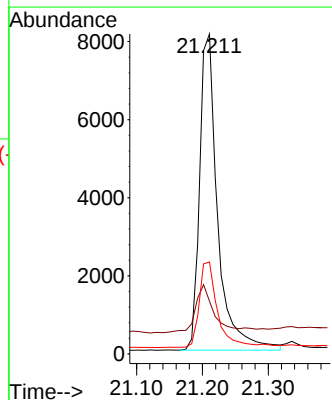
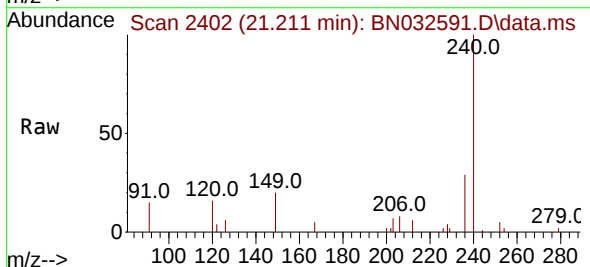
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-763-765

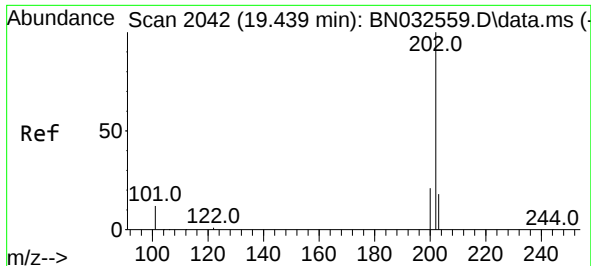
Tgt Ion:202 Resp: 1838
Ion Ratio Lower Upper
202 100
101 149.8 9.5 14.3#
203 33.8 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

Tgt Ion:240 Resp: 15442
Ion Ratio Lower Upper
240 100
120 16.5 13.0 19.4
236 28.8 23.1 34.7

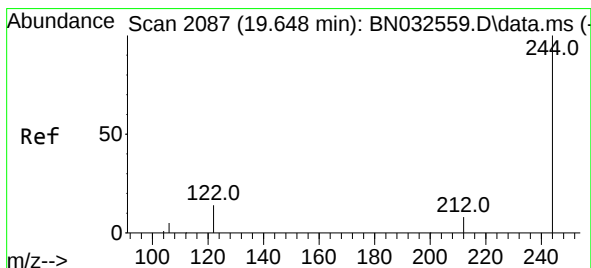
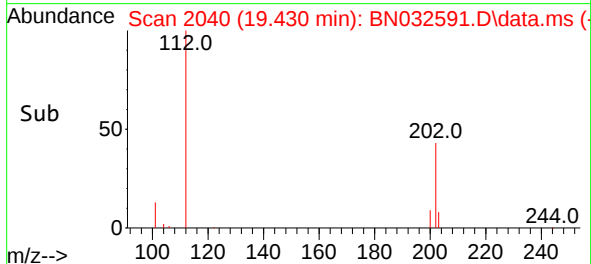
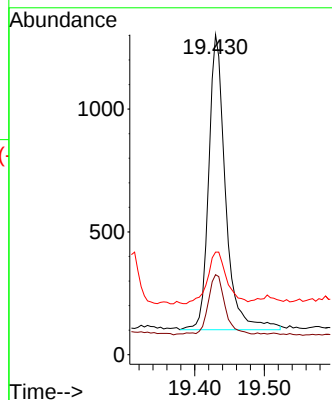
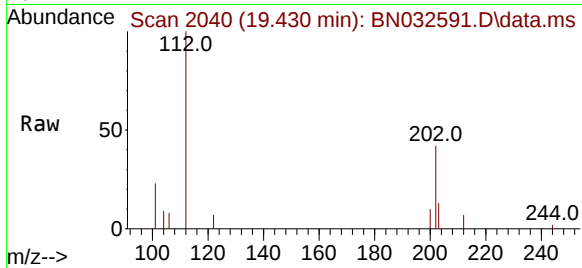




#30
Pyrene
Concen: 0.032 ng
RT: 19.430 min Scan# 2040
Delta R.T. -0.010 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

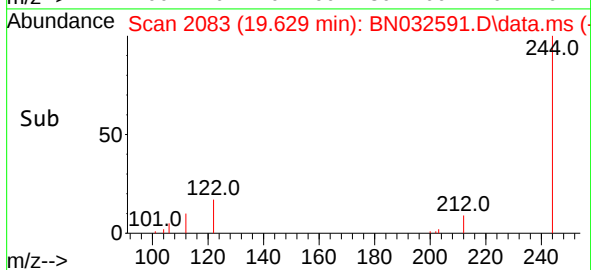
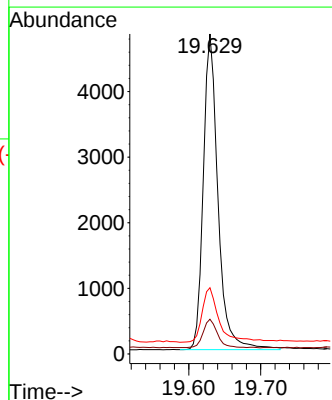
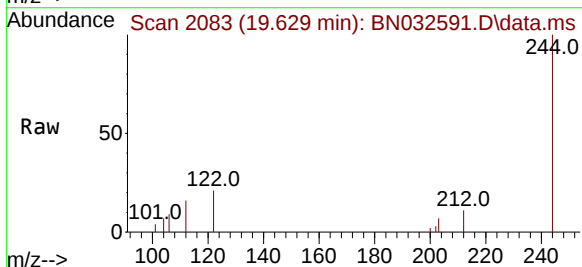
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-763-765

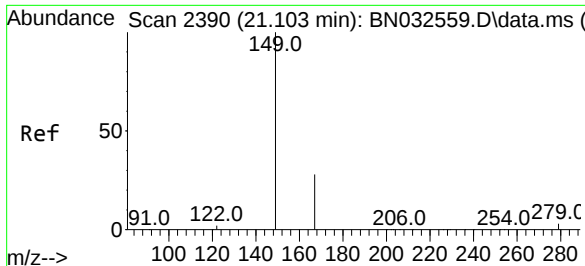
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	20.0	14.4	21.6



#31
Terphenyl-d14
Concen: 0.181 ng
RT: 19.629 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN032591.D
Acq: 09 Jul 2024 17:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.9	7.2	10.8#
122	20.7	12.1	18.1#

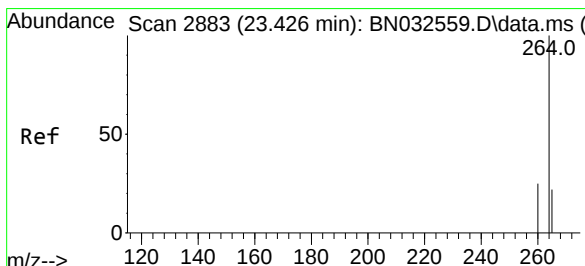
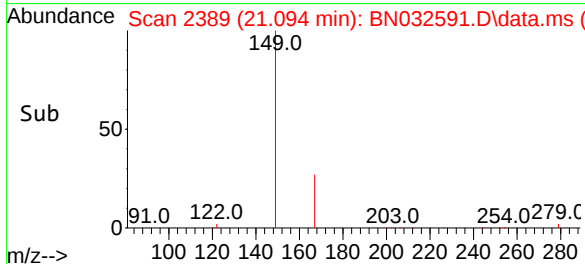
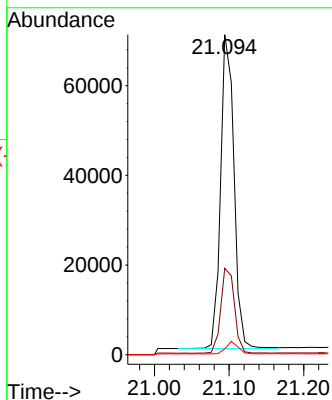
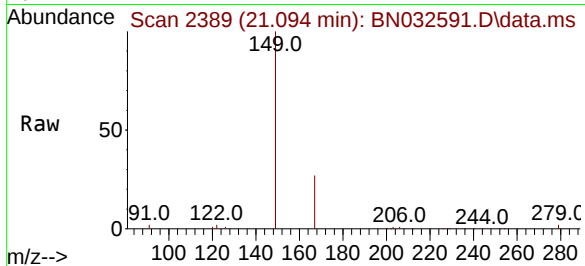




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 2.525 ng
 RT: 21.094 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN032591.D
 Acq: 09 Jul 2024 17:03

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-763-765

Tgt Ion:149 Resp: 87628
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.6 32.4
 279 3.6 3.0 4.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.422 min Scan# 2882
 Delta R.T. -0.003 min
 Lab File: BN032591.D
 Acq: 09 Jul 2024 17:03

Tgt Ion:264 Resp: 14141
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.0 31.6
 265 103.5 76.6 115.0

