

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032587.D
 Acq On : 09 Jul 2024 14:38
 Operator : MA/JU
 Sample : P3127-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-770-772

Quant Time: Jul 09 15:19:06 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)

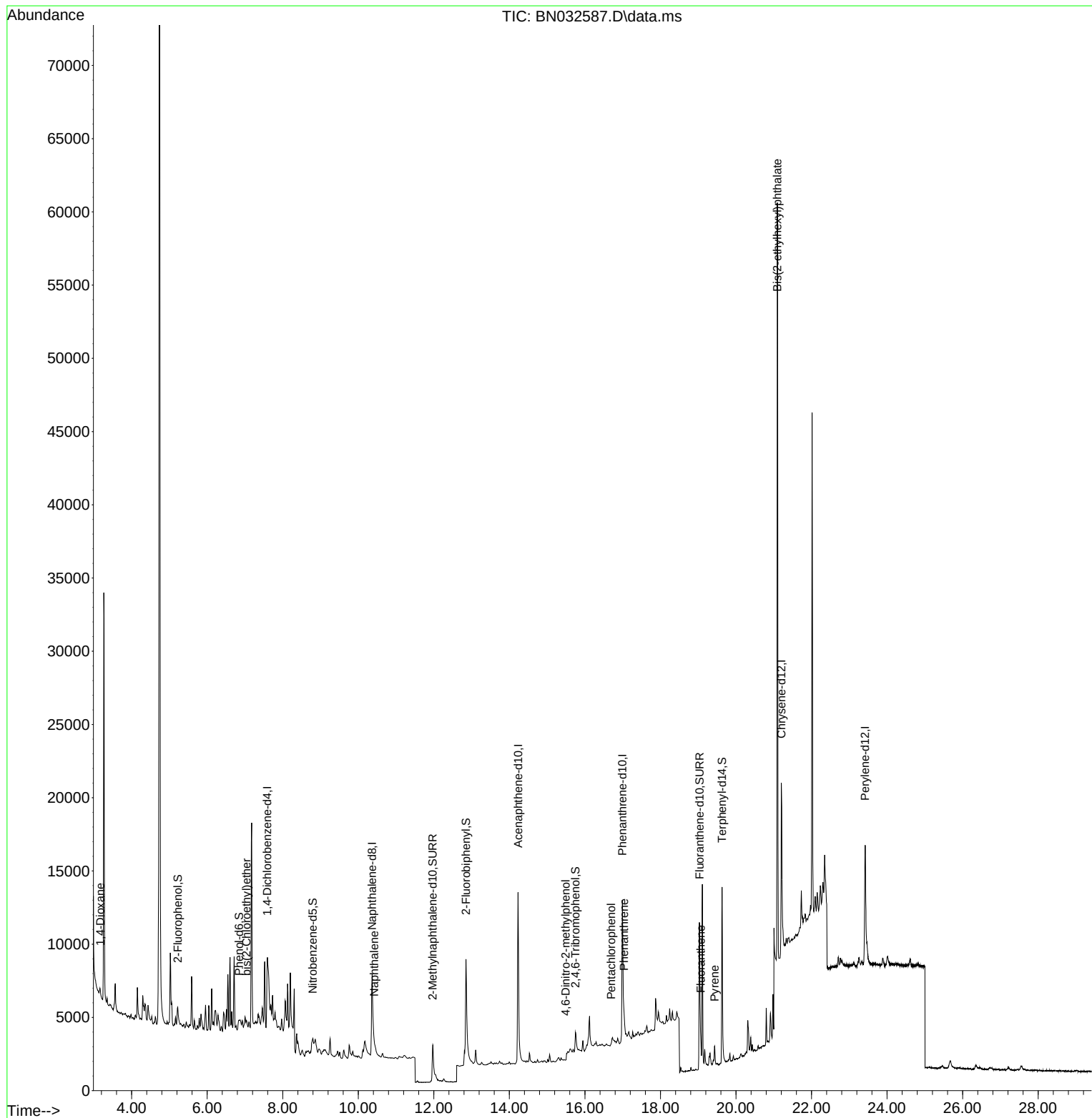
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	3783	0.400	ng	0.00
7) Naphthalene-d8	10.368	136	13024	0.400	ng	-0.01
13) Acenaphthene-d10	14.231	164	8902	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	18943	0.400	ng	#-0.01
29) Chrysene-d12	21.202	240	14409	0.400	ng	# 0.00
35) Perylene-d12	23.420	264	13901	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	2285	0.239	ng	0.00
5) Phenol-d6	6.844	99	2679	0.219	ng	0.02
8) Nitrobenzene-d5	8.798	82	1427	0.147	ng	0.00
11) 2-Methylnaphthalene-d10	11.971	152	6737	0.327	ng	-0.01
14) 2,4,6-Tribromophenol	15.750	330	1059	0.263	ng	-0.01
15) 2-Fluorobiphenyl	12.852	172	11332	0.345	ng	-0.01
27) Fluoranthene-d10	19.035	212	14547	0.295	ng	0.00
31) Terphenyl-d14	19.630	244	14368	0.408	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.168	88	414	0.083	ng	# 54
6) bis(2-Chloroethyl)ether	7.039	93	49	0.091	ng	# 1
9) Naphthalene	10.421	128	831	0.023	ng	# 56
20) 4,6-Dinitro-2-methylph...	15.493	198	1	0.197	ng	# 1
24) Pentachlorophenol	16.693	266	31	0.173	ng	# 47
25) Phenanthrene	17.041	178	1253	0.024	ng	95
28) Fluoranthene	19.068	202	1350	0.022	ng	# 77
30) Pyrene	19.435	202	1364	0.023	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.094	149	48151	1.487	ng	99

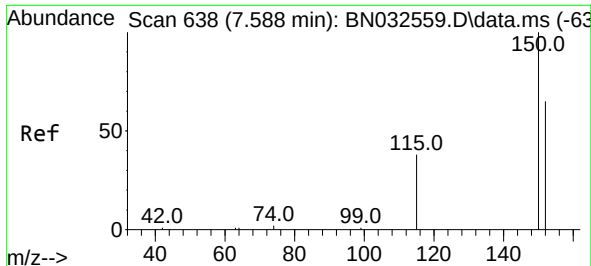
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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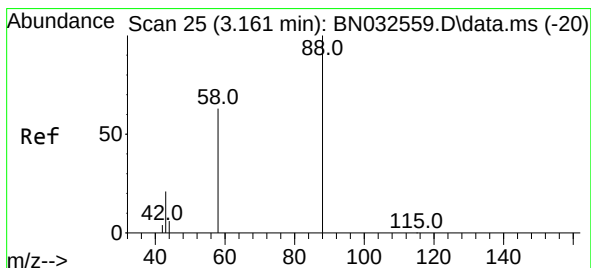
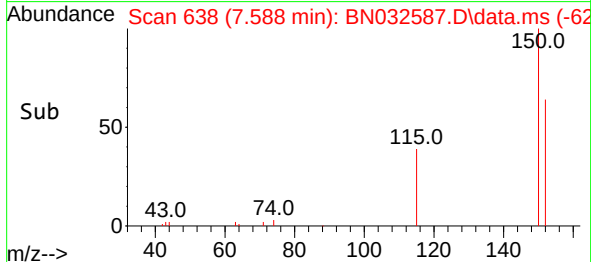
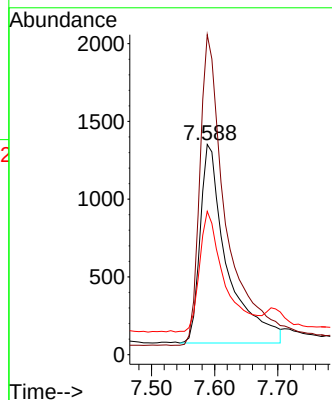
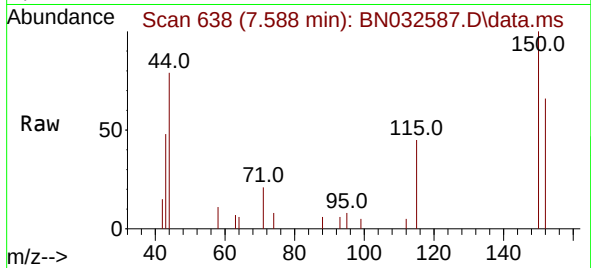




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032587.D
 Acq: 09 Jul 2024 14:38

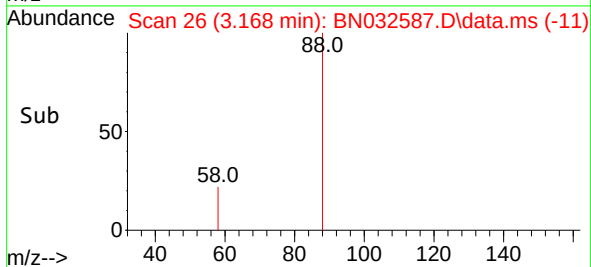
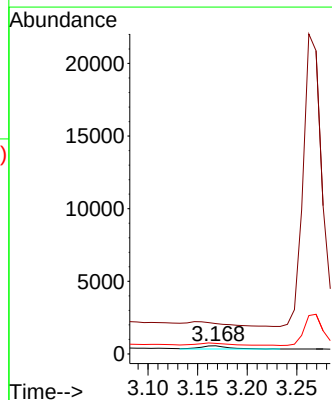
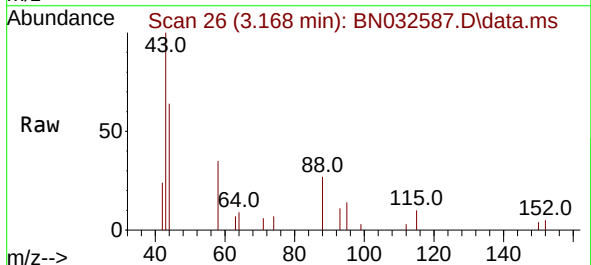
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-770-772

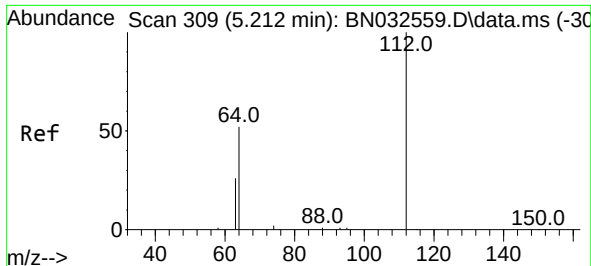
Tgt Ion:152 Resp: 3783
 Ion Ratio Lower Upper
 152 100
 150 152.2 121.6 182.4
 115 68.2 53.1 79.7



#2
 1,4-Dioxane
 Concen: 0.083 ng
 RT: 3.168 min Scan# 26
 Delta R.T. 0.007 min
 Lab File: BN032587.D
 Acq: 09 Jul 2024 14:38

Tgt Ion: 88 Resp: 414
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.4 30.6#
 58 98.1 51.0 76.6#





#4

2-Fluorophenol

Concen: 0.239 ng

RT: 5.219 min Scan# 310

Delta R.T. 0.007 min

Lab File: BN032587.D

Acq: 09 Jul 2024 14:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-770-772

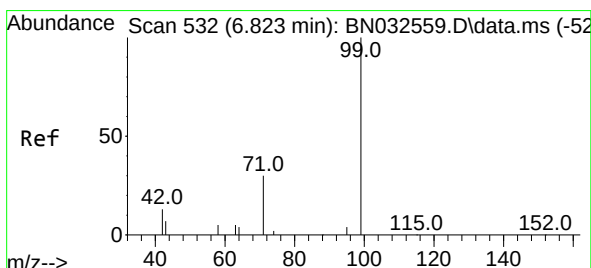
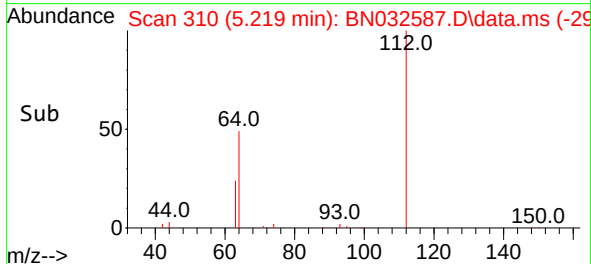
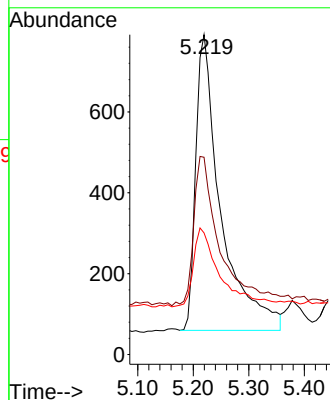
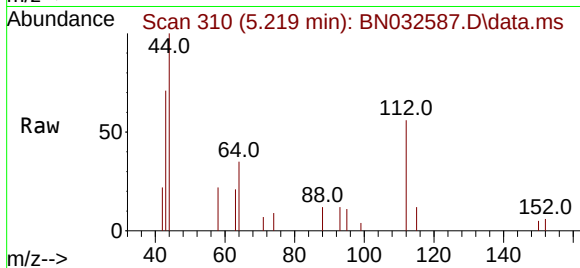
Tgt Ion:112 Resp: 2285

Ion Ratio Lower Upper

112 100

64 53.2 41.2 61.8

63 28.5 21.6 32.4



#5

Phenol-d6

Concen: 0.219 ng

RT: 6.844 min Scan# 535

Delta R.T. 0.022 min

Lab File: BN032587.D

Acq: 09 Jul 2024 14:38

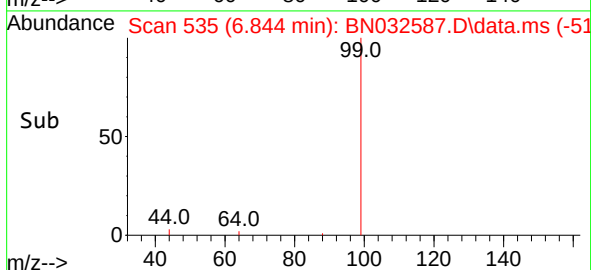
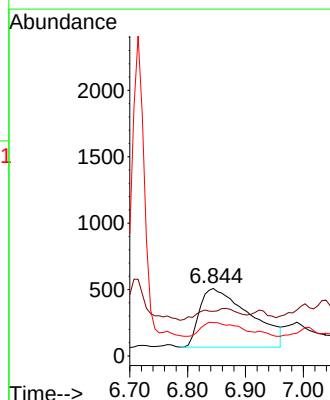
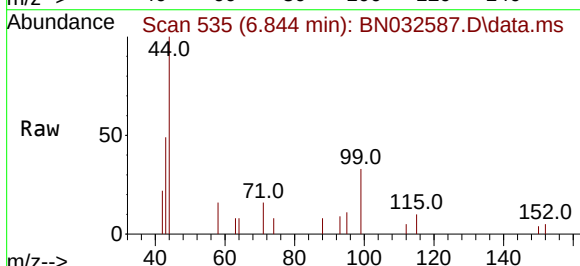
Tgt Ion: 99 Resp: 2679

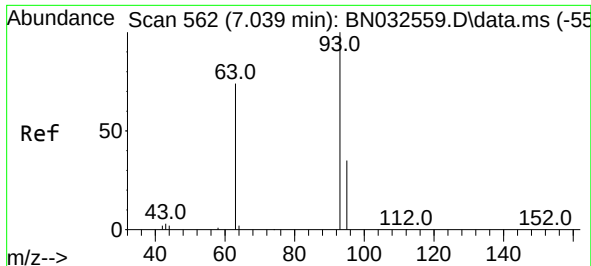
Ion Ratio Lower Upper

99 100

42 6.2 10.6 16.0#

71 19.1 25.2 37.8#

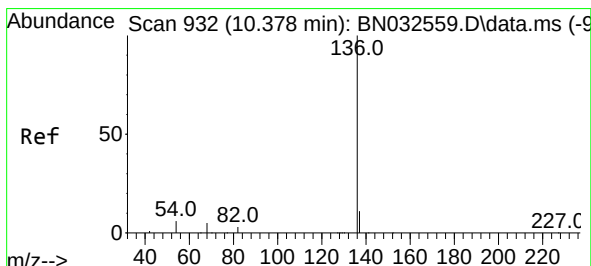
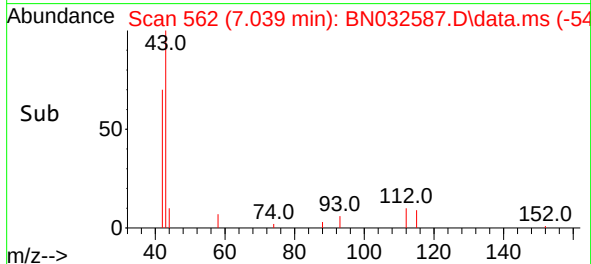
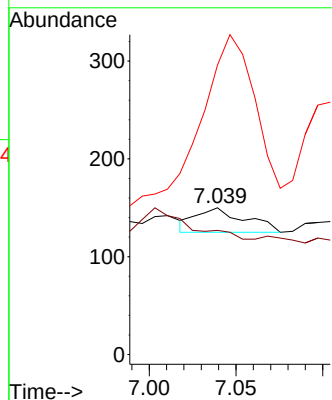
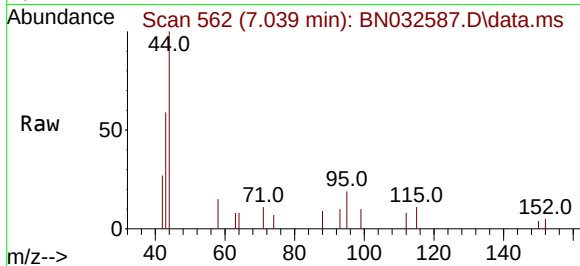




#6
bis(2-Chloroethyl)ether
Concen: 0.091 ng
RT: 7.039 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

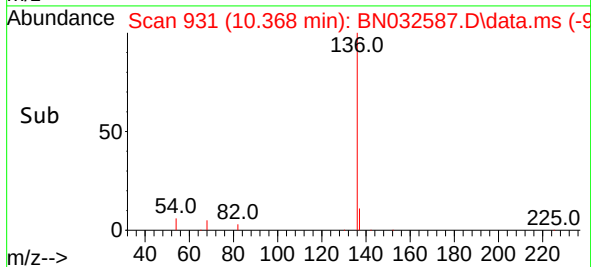
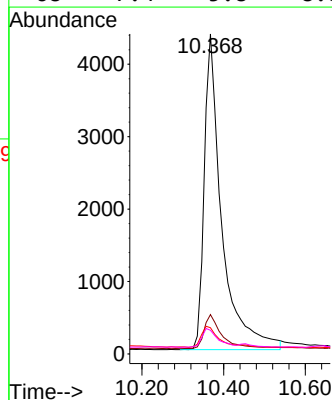
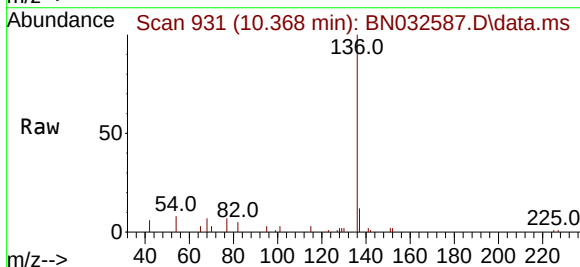
Instrument :
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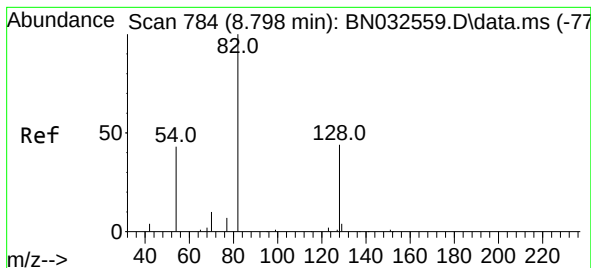
Tgt Ion: 93 Resp: 49
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 826.5 30.5 45.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 931
Delta R.T. -0.010 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

Tgt Ion:136 Resp: 13024
Ion Ratio Lower Upper
136 100
137 12.3 10.0 15.0
54 8.2 6.6 9.8
68 7.4 5.8 8.8





#8

Nitrobenzene-d5

Concen: 0.147 ng

RT: 8.798 min Scan# 784

Delta R.T. 0.000 min

Lab File: BN032587.D

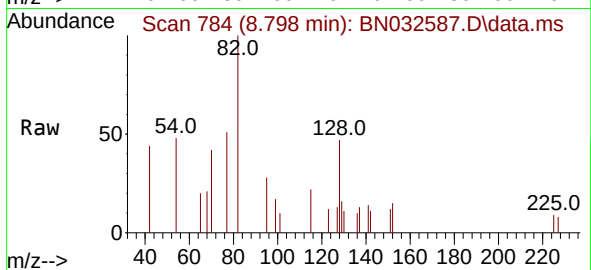
Acq: 09 Jul 2024 14:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-770-772



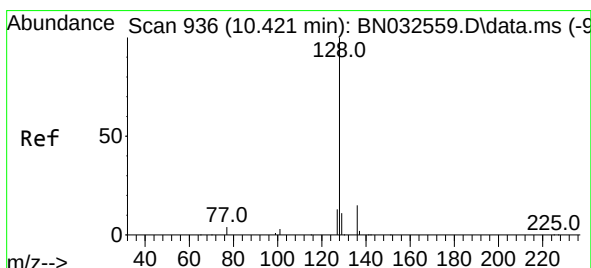
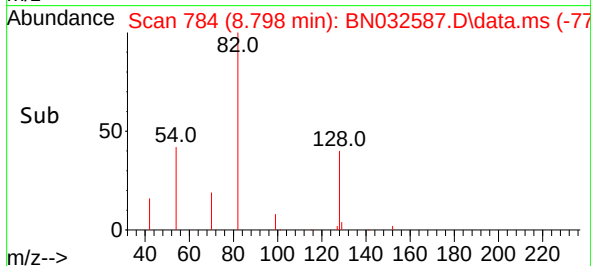
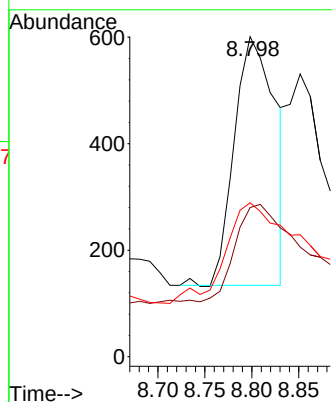
Tgt Ion: 82 Resp: 1427

Ion Ratio Lower Upper

82 100

128 46.6 43.4 65.2

54 48.1 40.2 60.2



#9

Naphthalene

Concen: 0.023 ng

RT: 10.421 min Scan# 936

Delta R.T. 0.000 min

Lab File: BN032587.D

Acq: 09 Jul 2024 14:38

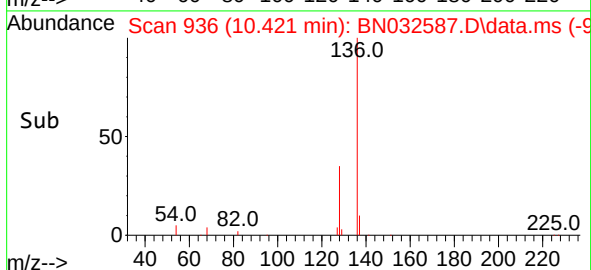
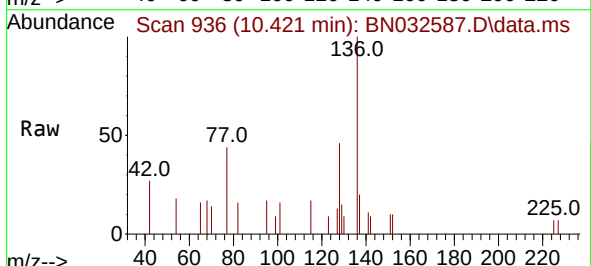
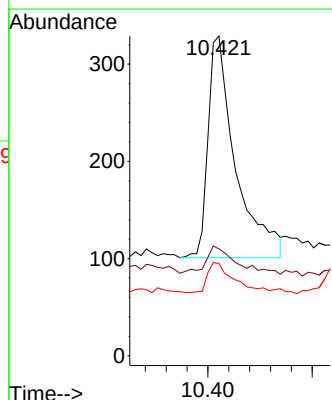
Tgt Ion: 128 Resp: 831

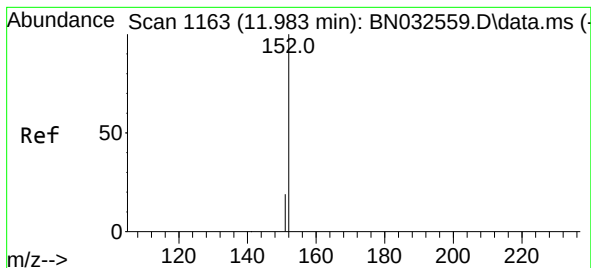
Ion Ratio Lower Upper

128 100

129 33.4 10.2 15.4#

127 28.9 11.4 17.0#

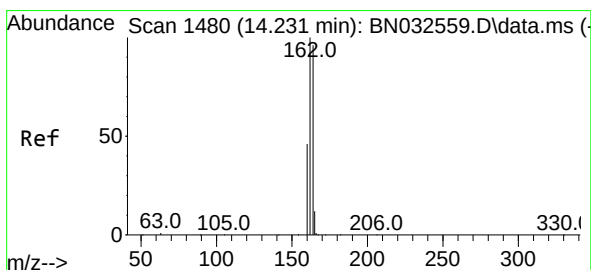
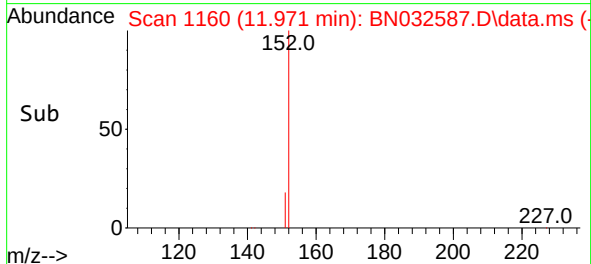
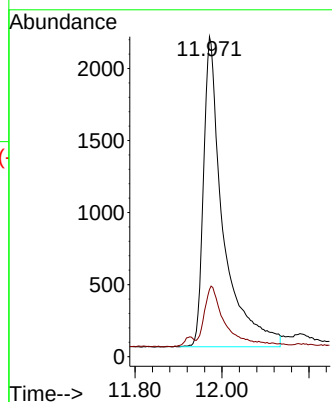
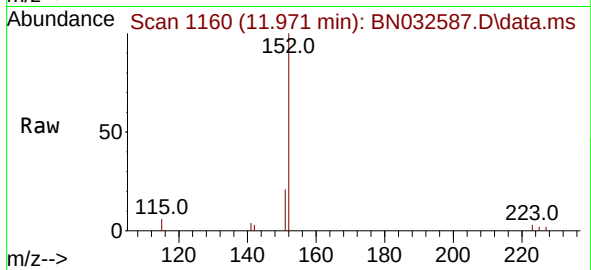




#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 11.971 min Scan# 1160
Delta R.T. -0.011 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

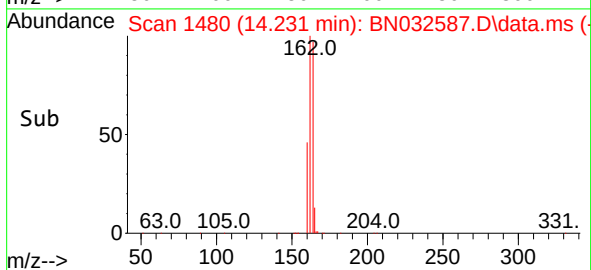
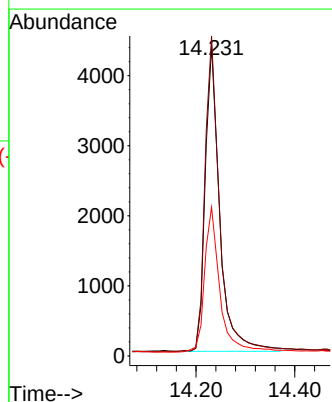
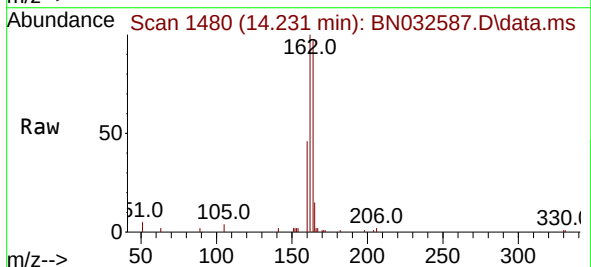
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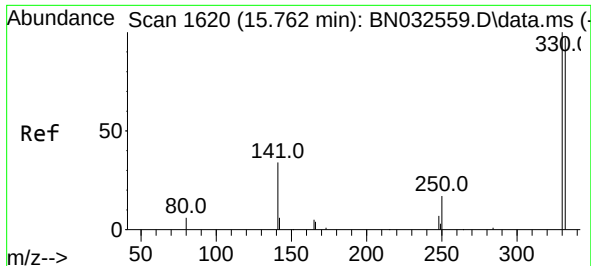
Tgt Ion:152 Resp: 6737
Ion Ratio Lower Upper
152 100
151 18.3 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

Tgt Ion:164 Resp: 8902
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 47.9 38.6 57.8

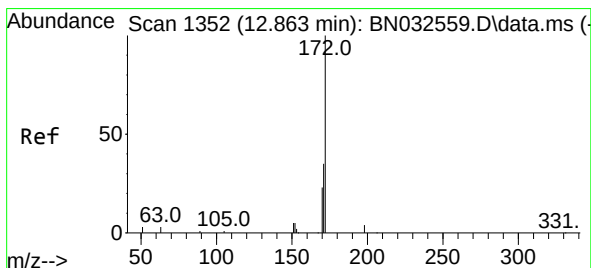
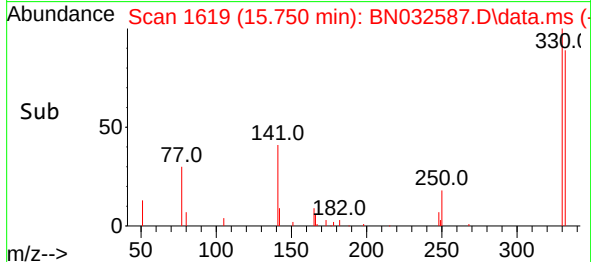
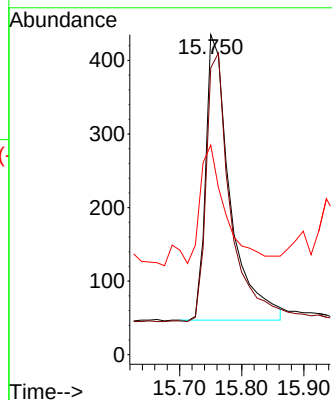
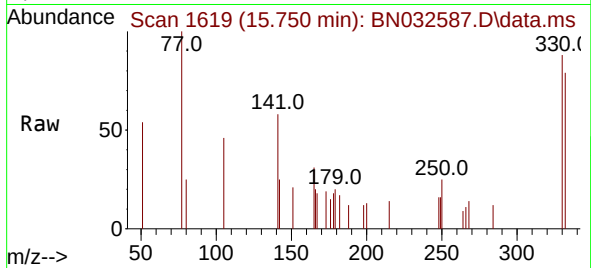




#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.750 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

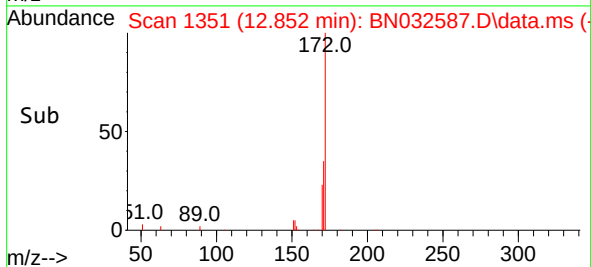
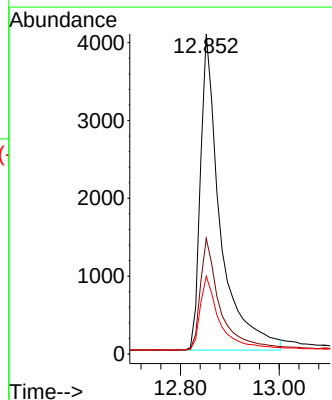
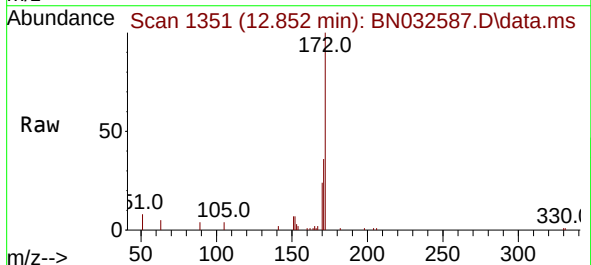
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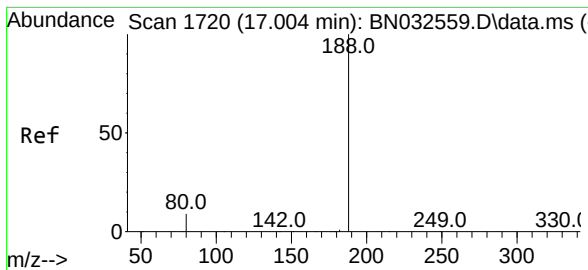
Tgt Ion:330 Resp: 1059
Ion Ratio Lower Upper
330 100
332 93.3 77.7 116.5
141 42.9 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.852 min Scan# 1351
Delta R.T. -0.011 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

Tgt Ion:172 Resp: 11332
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.3 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.991 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN032587.D

Acq: 09 Jul 2024 14:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-770-772

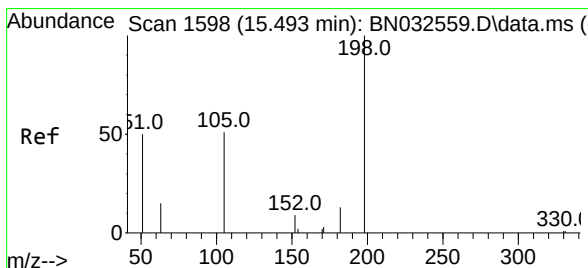
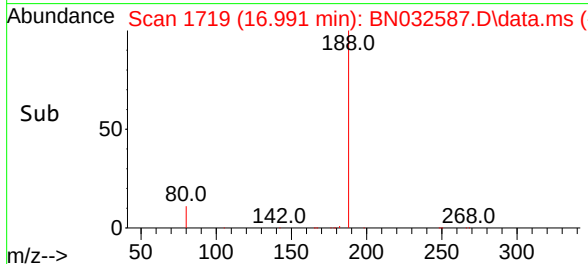
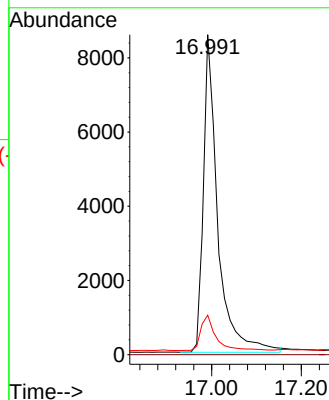
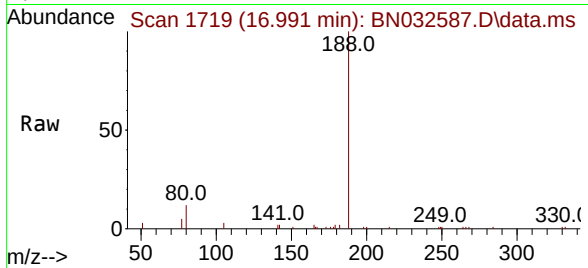
Tgt Ion:188 Resp: 18943

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 7.8 11.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.197 ng

RT: 15.493 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BN032587.D

Acq: 09 Jul 2024 14:38

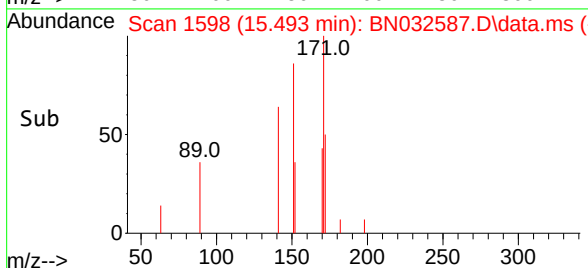
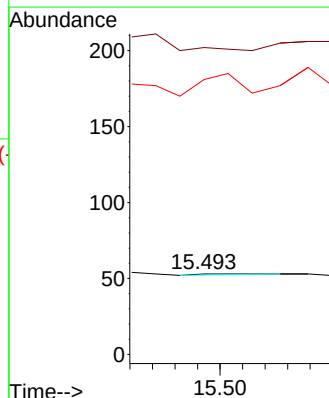
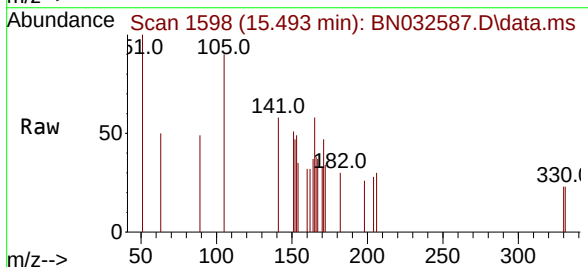
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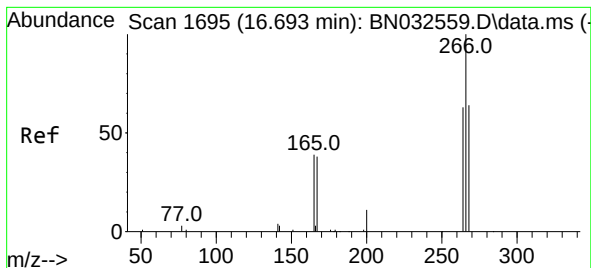
Ion Ratio Lower Upper

198 100

51 381.1 123.4 185.2#

105 341.5 79.5 119.3#





#24

Pentachlorophenol

Concen: 0.173 ng

RT: 16.693 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BN032587.D

Acq: 09 Jul 2024 14:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-770-772

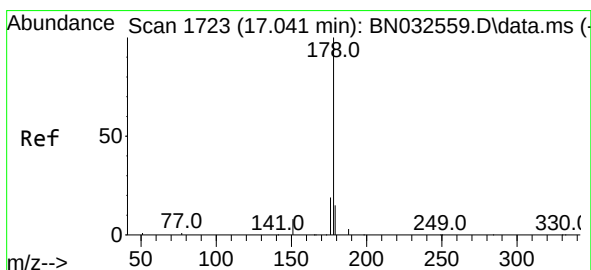
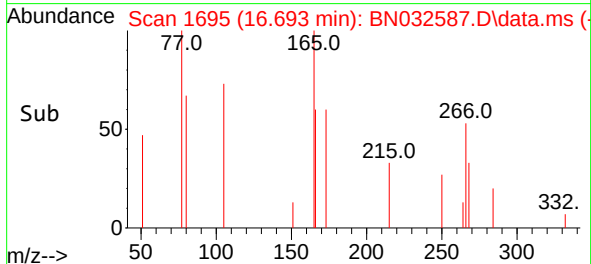
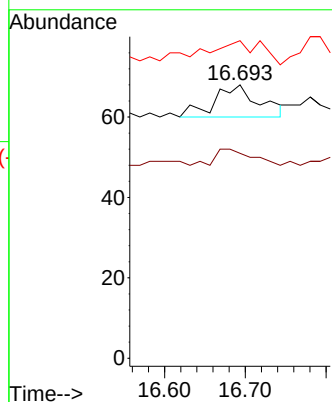
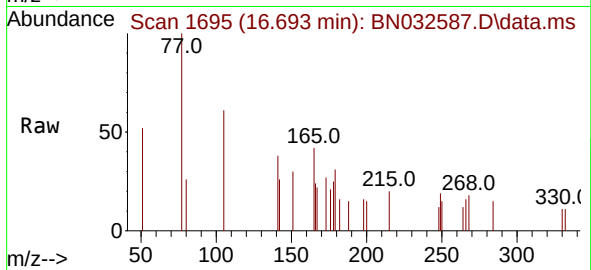
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 0.0 49.6 74.4#

268 87.1 52.2 78.2#



#25

Phenanthrene

Concen: 0.024 ng

RT: 17.041 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BN032587.D

Acq: 09 Jul 2024 14:38

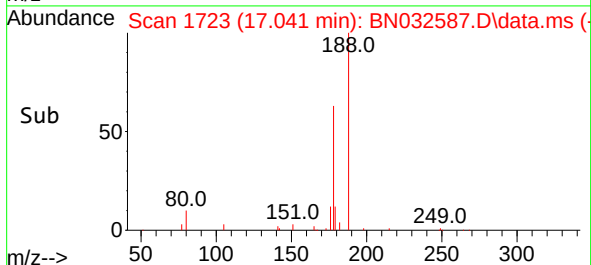
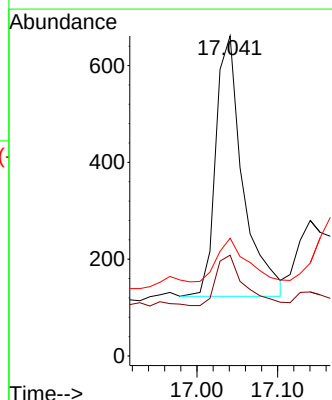
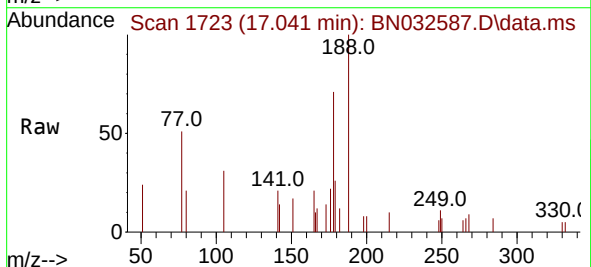
Tgt Ion:178 Resp: 1253

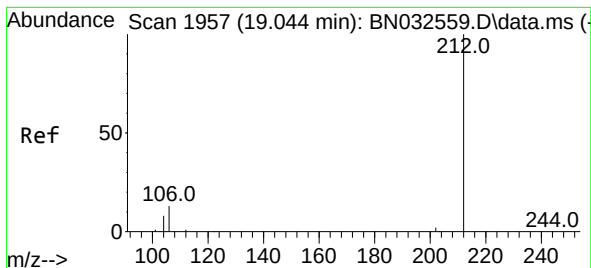
Ion Ratio Lower Upper

178 100

176 20.3 15.2 22.8

179 18.1 12.2 18.4





#27

Fluoranthene-d10

Concen: 0.295 ng

RT: 19.035 min Scan# 1955

Delta R.T. -0.009 min

Lab File: BN032587.D

Acq: 09 Jul 2024 14:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-770-772

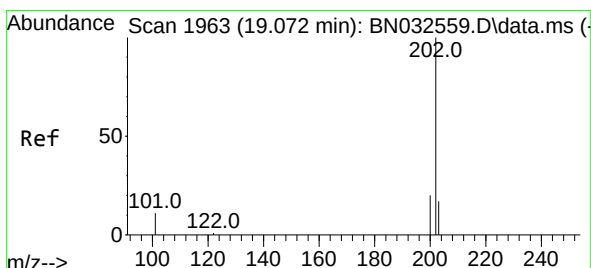
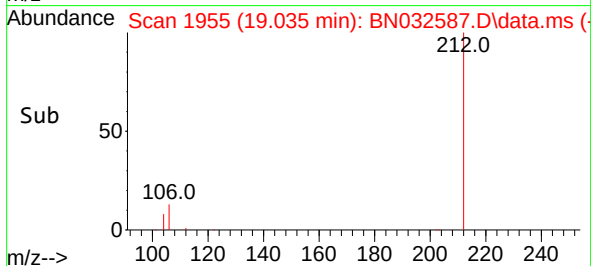
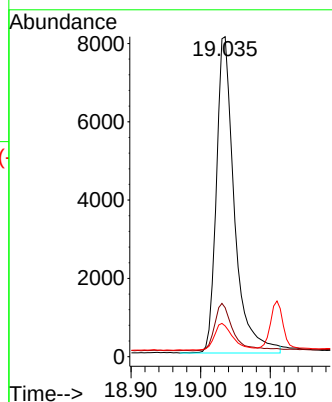
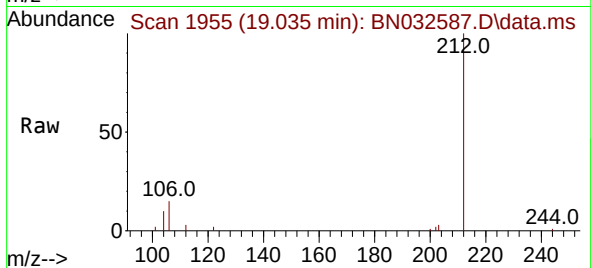
Tgt Ion:212 Resp: 14547

Ion Ratio Lower Upper

212 100

106 15.4 11.8 17.8

104 8.6 6.9 10.3



#28

Fluoranthene

Concen: 0.022 ng

RT: 19.068 min Scan# 1962

Delta R.T. -0.005 min

Lab File: BN032587.D

Acq: 09 Jul 2024 14:38

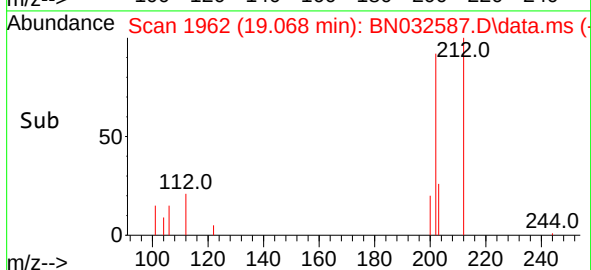
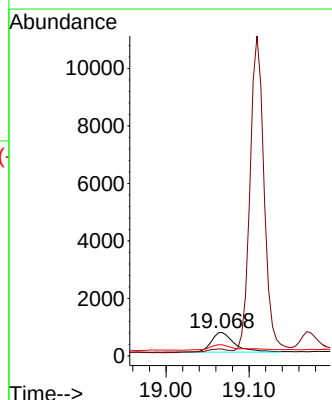
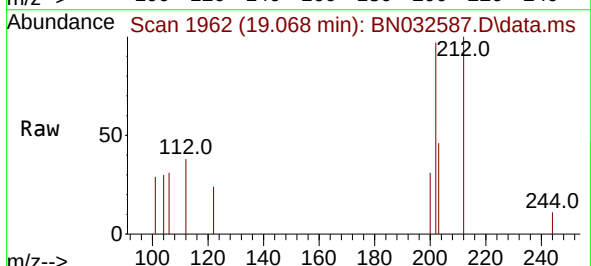
Tgt Ion:202 Resp: 1350

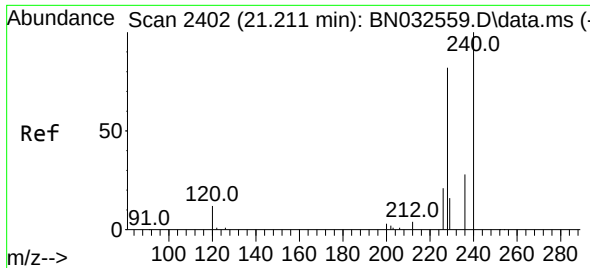
Ion Ratio Lower Upper

202 100

101 0.0 9.5 14.3#

203 24.7 13.8 20.6#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.202 min Scan# 2401

Delta R.T. -0.009 min

Lab File: BN032587.D

Acq: 09 Jul 2024 14:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-770-772

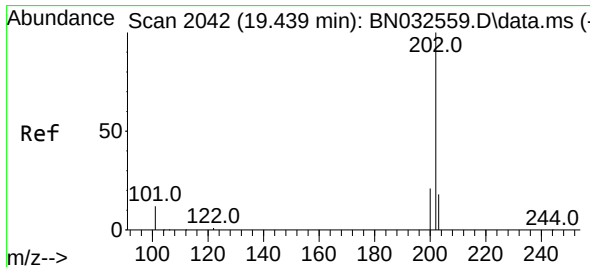
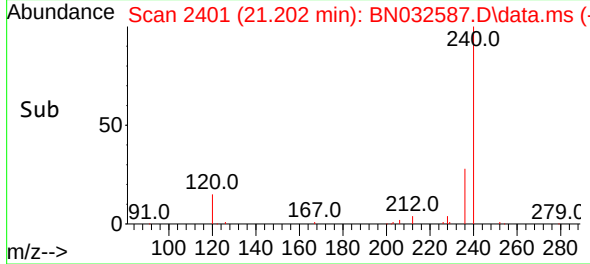
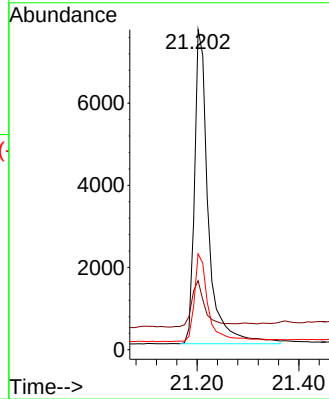
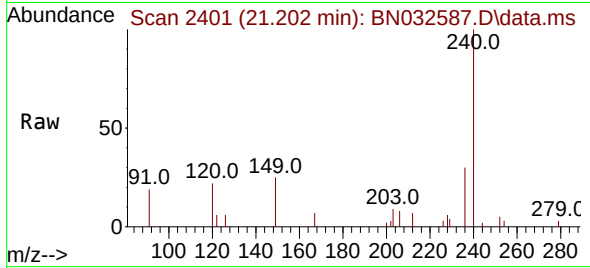
Tgt Ion:240 Resp: 14409

Ion Ratio Lower Upper

240 100

120 21.5 13.0 19.4#

236 29.9 23.1 34.7



#30

Pyrene

Concen: 0.023 ng

RT: 19.435 min Scan# 2041

Delta R.T. -0.005 min

Lab File: BN032587.D

Acq: 09 Jul 2024 14:38

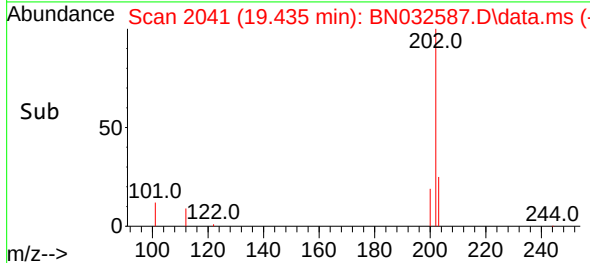
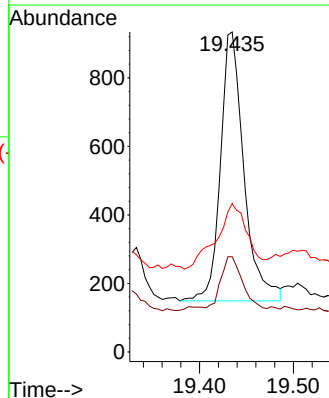
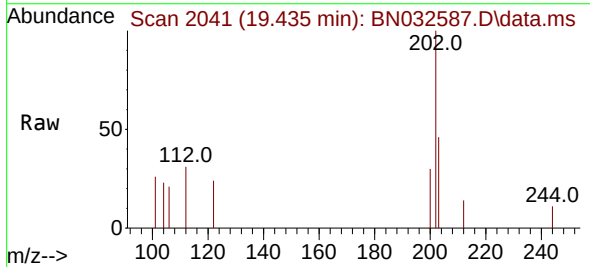
Tgt Ion:202 Resp: 1364

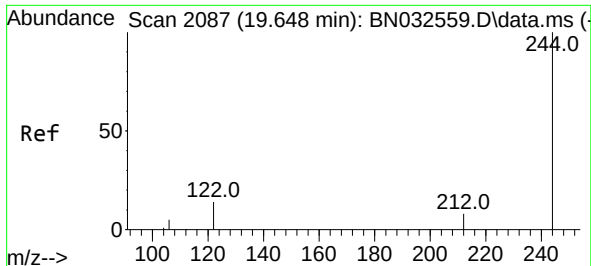
Ion Ratio Lower Upper

202 100

200 18.5 16.6 24.8

203 31.7 14.4 21.6#

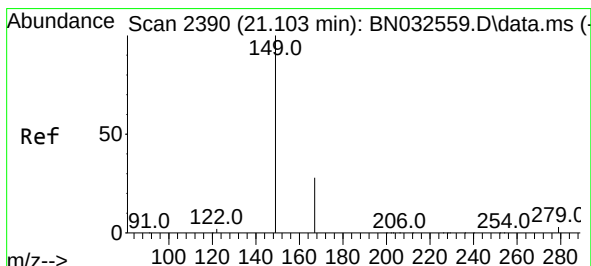
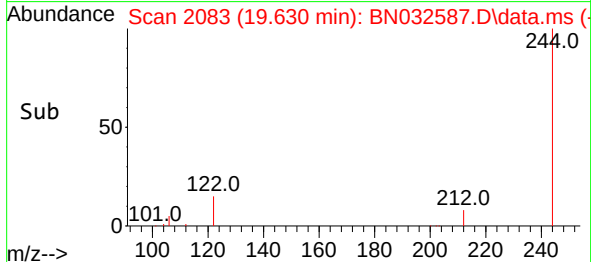
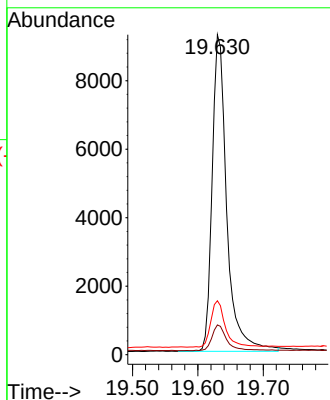
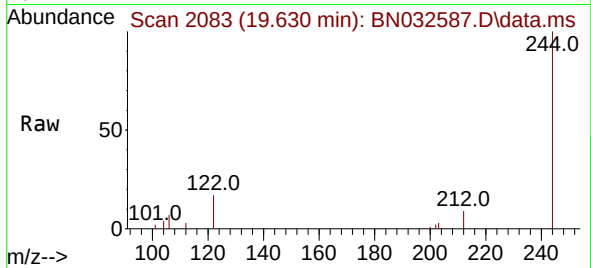




#31
 Terphenyl-d14
 Concen: 0.408 ng
 RT: 19.630 min Scan# 2083
 Delta R.T. -0.019 min
 Lab File: BN032587.D
 Acq: 09 Jul 2024 14:38

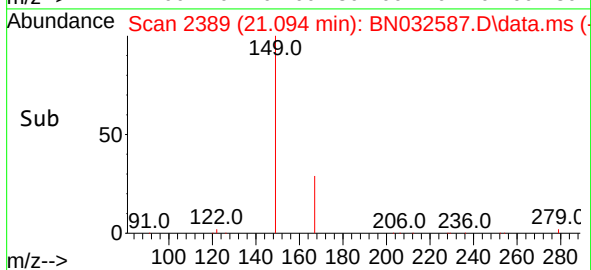
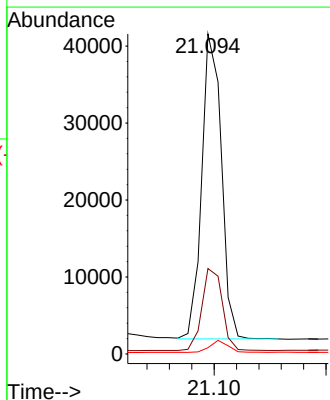
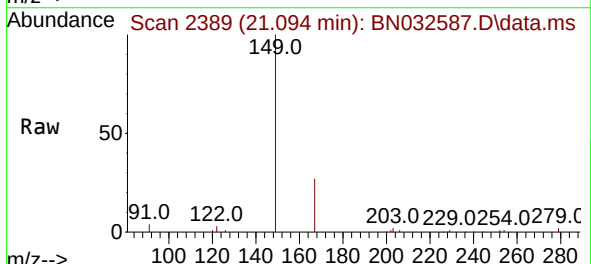
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-770-772

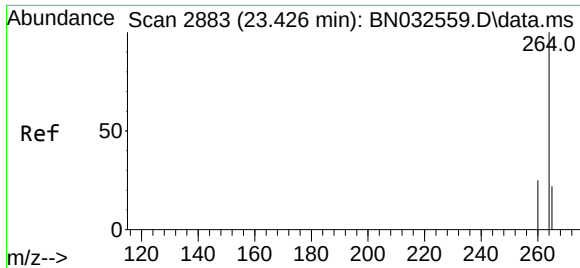
Tgt Ion:244 Resp: 14368
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.2 10.8
 122 16.8 12.1 18.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.487 ng
 RT: 21.094 min Scan# 2389
 Delta R.T. -0.009 min
 Lab File: BN032587.D
 Acq: 09 Jul 2024 14:38

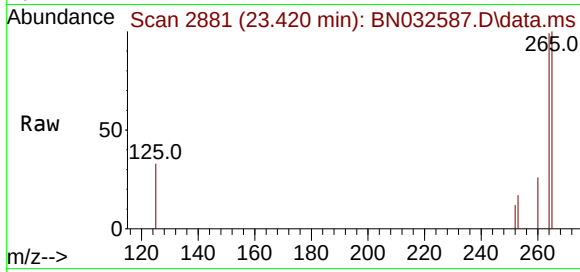
Tgt Ion:149 Resp: 48151
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.6 32.4
 279 3.6 3.0 4.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.420 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-770-772



Tgt Ion:264 Resp: 13901

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.0	31.6
265	101.5	76.6	115.0

