

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032572.D
 Acq On : 09 Jul 2024 04:53
 Operator : MA/JU
 Sample : P3167-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-810-812

Quant Time: Jul 09 05:36:14 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)

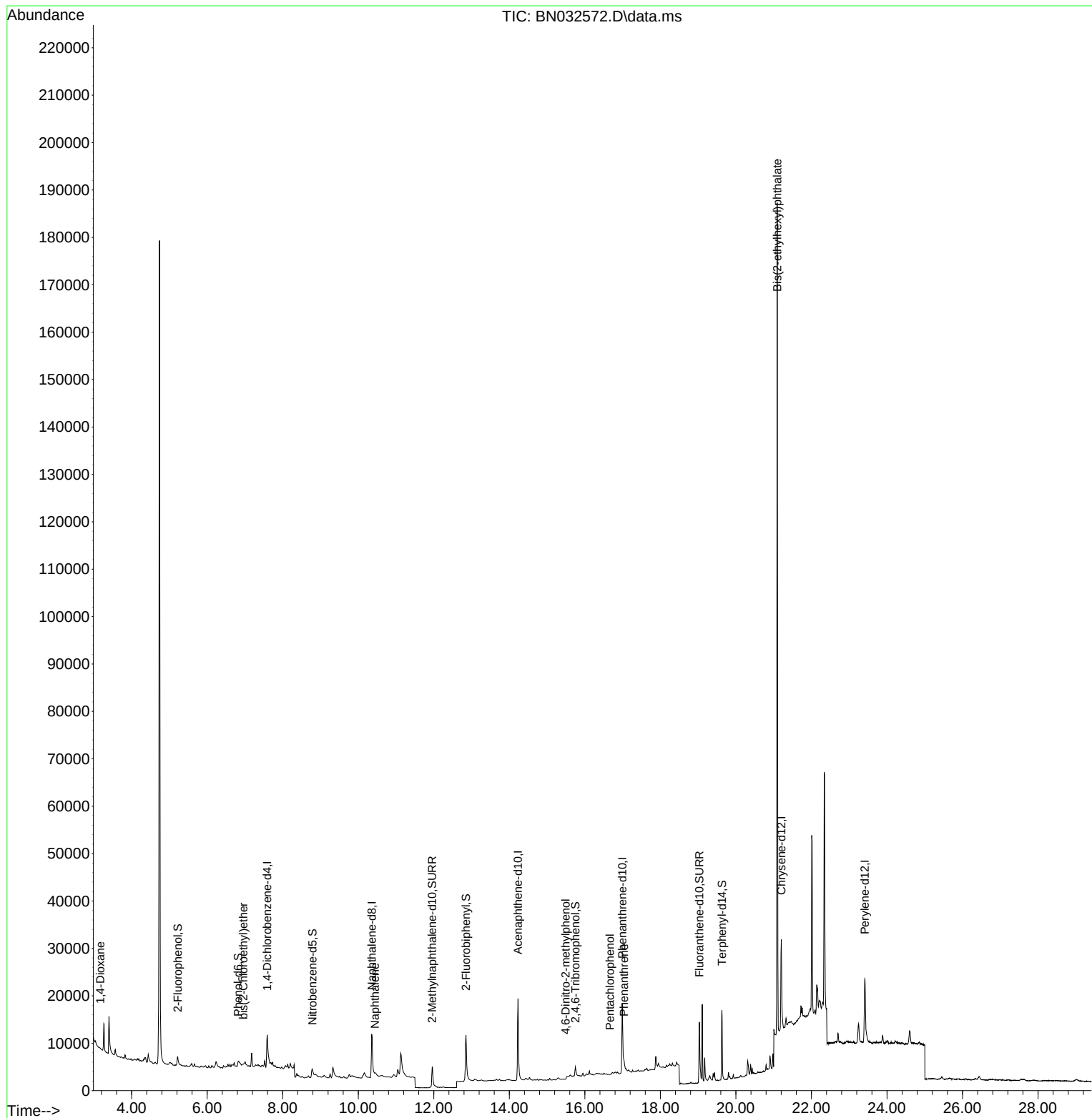
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	5480	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	18826	0.400	ng	-0.02
13) Acenaphthene-d10	14.231	164	12418	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	26244	0.400	ng	-0.01
29) Chrysene-d12	21.202	240	23331	0.400	ng	0.00
35) Perylene-d12	23.414	264	21600	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	3068	0.222	ng	0.00
5) Phenol-d6	6.823	99	3625	0.205	ng	0.00
8) Nitrobenzene-d5	8.787	82	3623	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	11.960	152	9255	0.311	ng	-0.02
14) 2,4,6-Tribromophenol	15.750	330	1480	0.263	ng	-0.01
15) 2-Fluorobiphenyl	12.852	172	13737	0.300	ng	-0.01
27) Fluoranthene-d10	19.031	212	16903	0.247	ng	-0.01
31) Terphenyl-d14	19.630	244	16119	0.283	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.168	88	174	0.024	ng	# 78
6) bis(2-Chloroethyl)ether	6.960	93	1448	0.180	ng	# 24
9) Naphthalene	10.442	128	2957	0.058	ng	# 68
20) 4,6-Dinitro-2-methylph...	15.493	198	9	0.199	ng	# 1
24) Pentachlorophenol	16.669	266	21	0.171	ng	# 75
25) Phenanthrene	17.041	178	2793	0.039	ng	96
34) Bis(2-ethylhexyl)phtha...	21.094	149	150015	2.861	ng	98

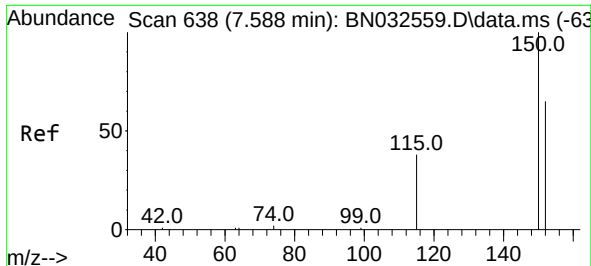
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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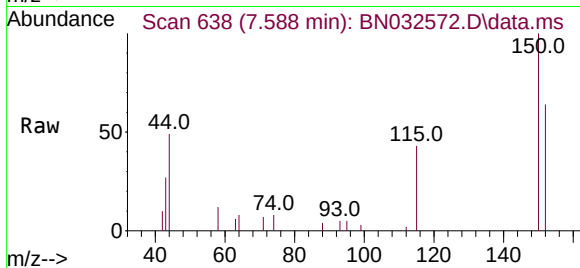
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
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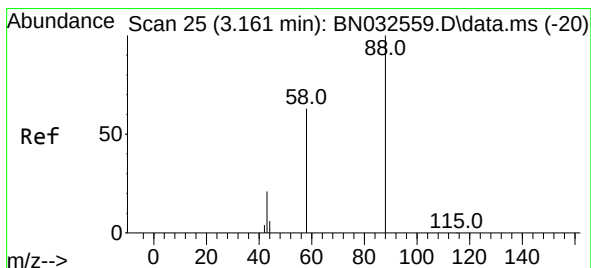
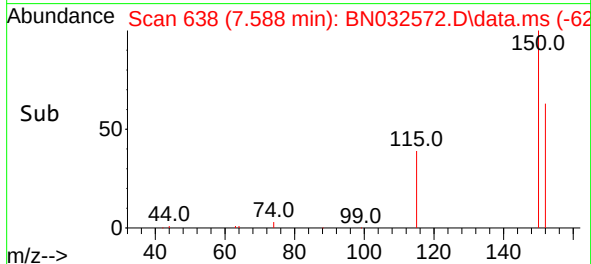
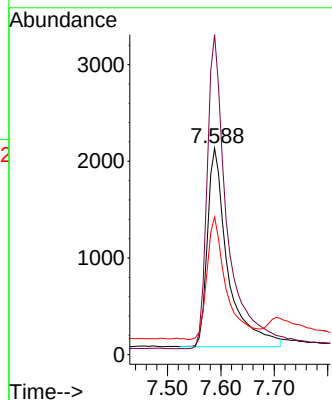
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032572.D
 Acq: 09 Jul 2024 04:53

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-810-812



Tgt Ion:152 Resp: 5480

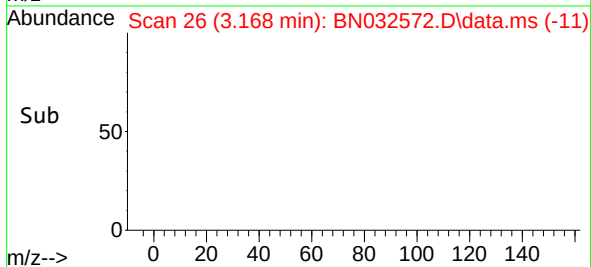
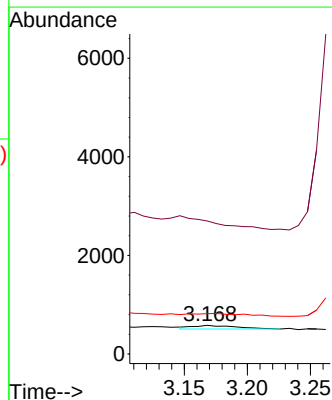
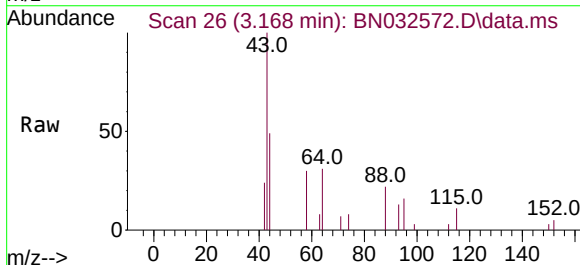
Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.6	182.4
115	66.8	53.1	79.7

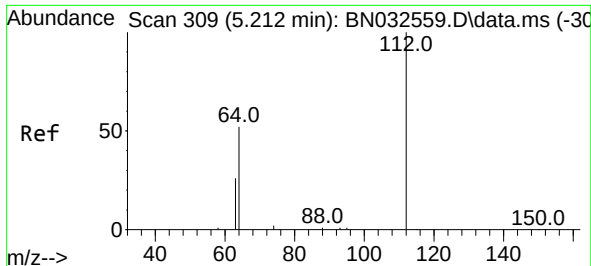


#2
 1,4-Dioxane
 Concen: 0.024 ng
 RT: 3.168 min Scan# 26
 Delta R.T. 0.007 min
 Lab File: BN032572.D
 Acq: 09 Jul 2024 04:53

Tgt Ion: 88 Resp: 174

Ion	Ratio	Lower	Upper
88	100		
43	0.0	20.4	30.6
58	72.4	51.0	76.6

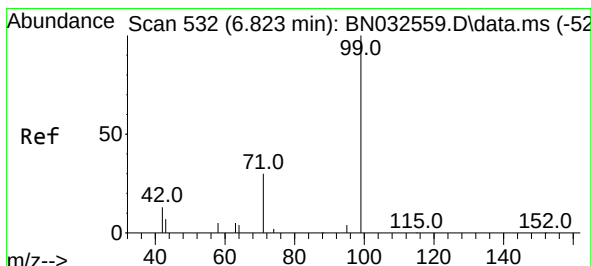
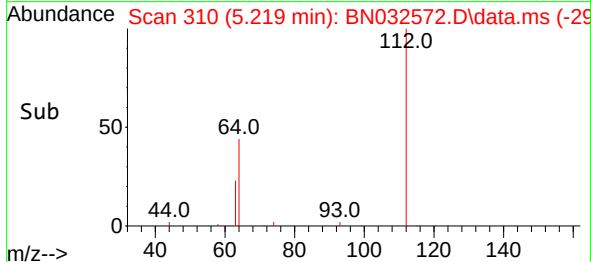
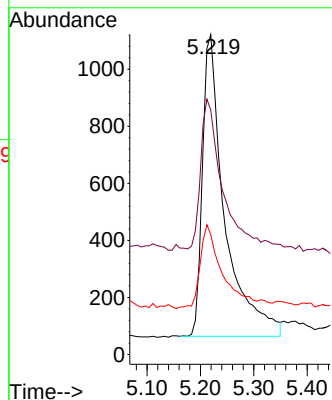
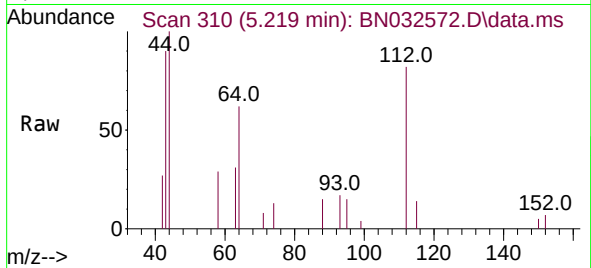




#4
2-Fluorophenol
Concen: 0.222 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

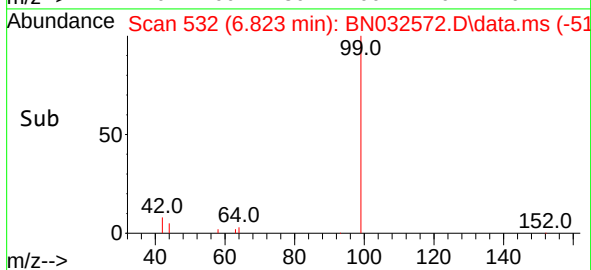
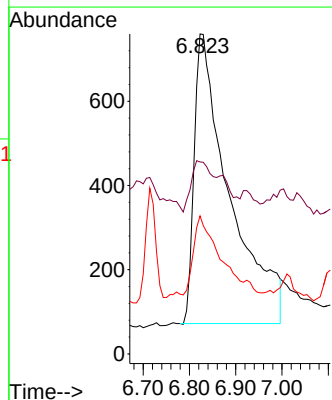
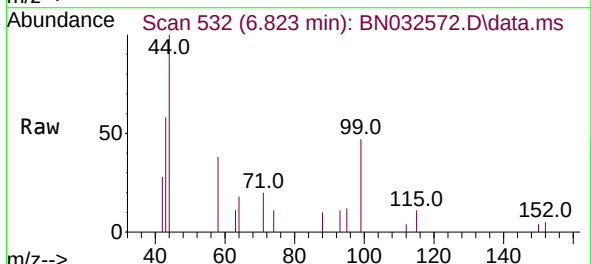
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-810-812

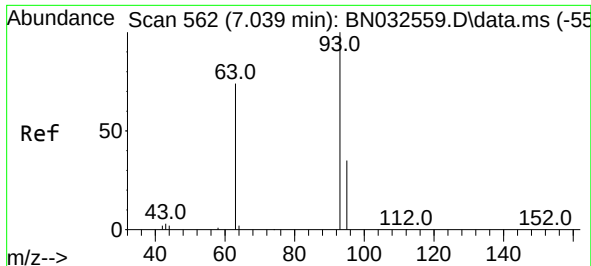
Tgt Ion:112 Resp: 3068
Ion Ratio Lower Upper
112 100
64 48.9 41.2 61.8
63 29.2 21.6 32.4



#5
Phenol-d6
Concen: 0.205 ng
RT: 6.823 min Scan# 532
Delta R.T. 0.000 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

Tgt Ion: 99 Resp: 3625
Ion Ratio Lower Upper
99 100
42 15.5 10.6 16.0
71 21.4 25.2 37.8#

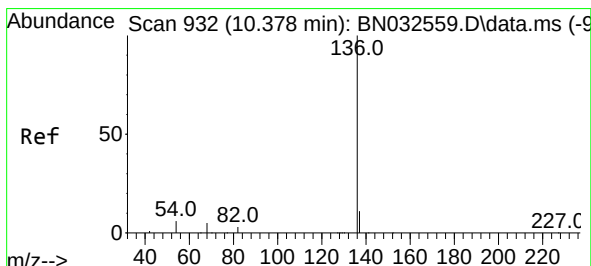
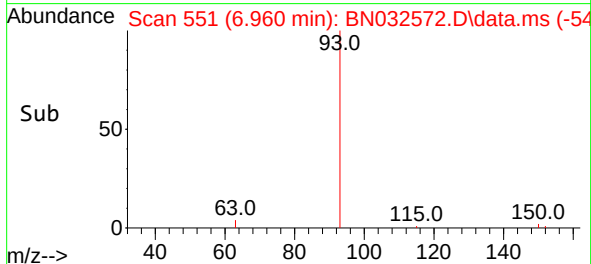
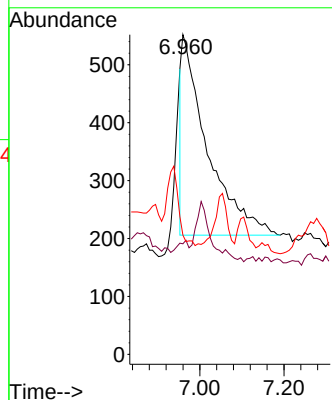
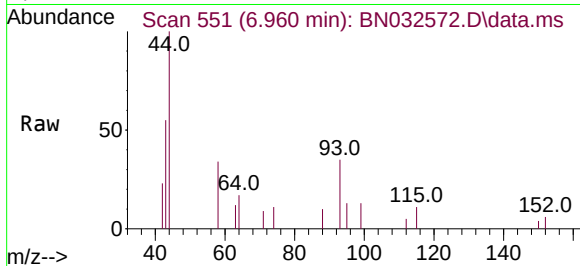




#6
bis(2-Chloroethyl)ether
Concen: 0.180 ng
RT: 6.960 min Scan# 51
Delta R.T. -0.079 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

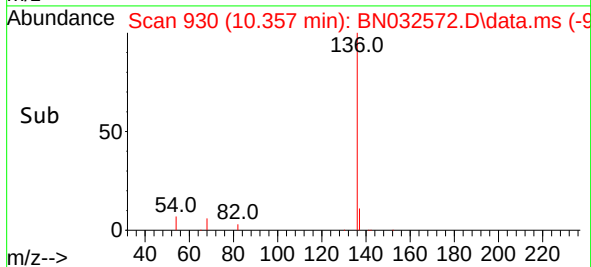
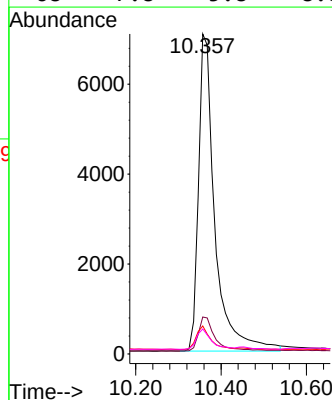
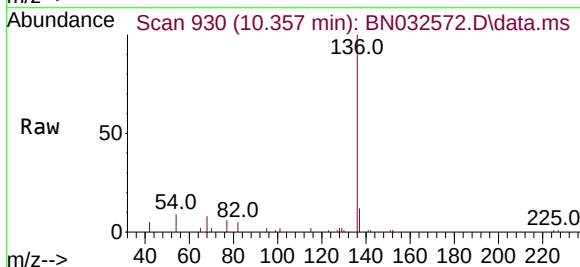
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-810-812

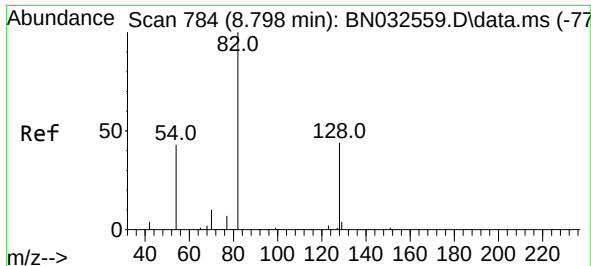
Tgt Ion: 93 Resp: 1448
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 0.0 30.5 45.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

Tgt Ion:136 Resp: 18826
Ion Ratio Lower Upper
136 100
137 11.6 10.0 15.0
54 8.8 6.6 9.8
68 7.8 5.8 8.8

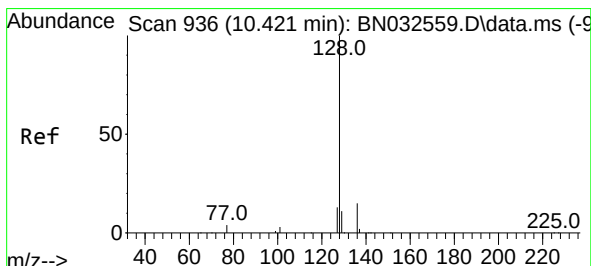
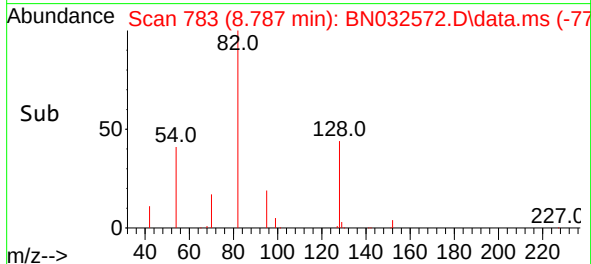
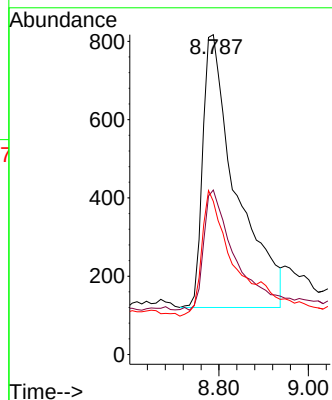
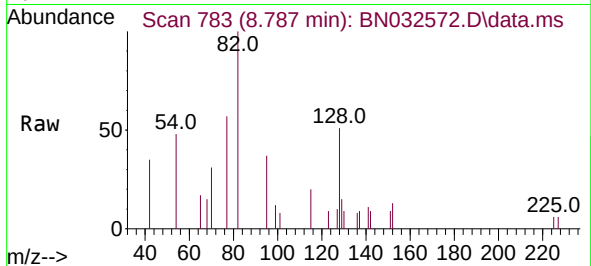




#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.787 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

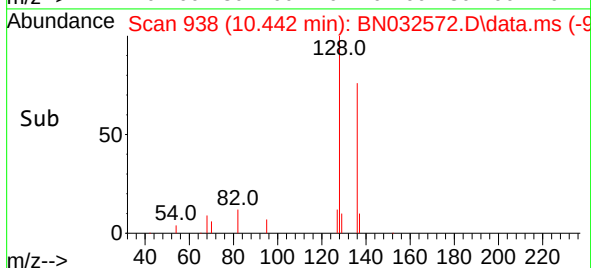
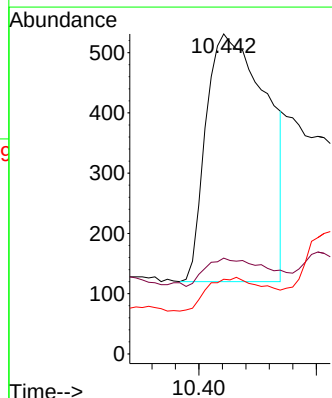
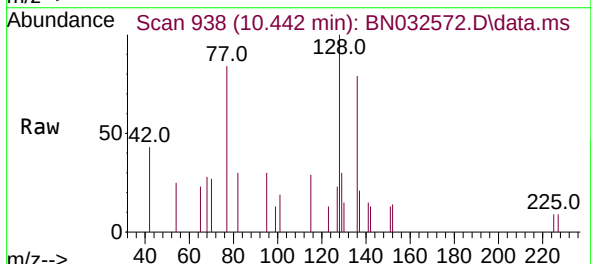
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-810-812

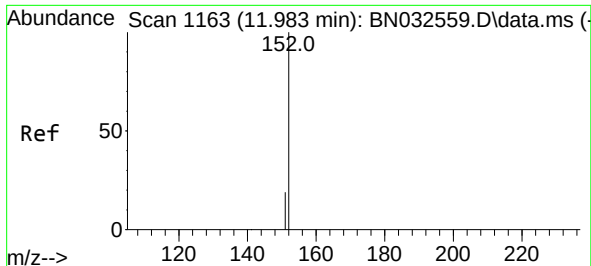
Tgt Ion: 82 Resp: 3623
Ion Ratio Lower Upper
82 100
128 51.4 43.4 65.2
54 47.9 40.2 60.2



#9
Naphthalene
Concen: 0.058 ng
RT: 10.442 min Scan# 938
Delta R.T. 0.021 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

Tgt Ion: 128 Resp: 2957
Ion Ratio Lower Upper
128 100
129 29.9 10.2 15.4#
127 23.4 11.4 17.0#





#11

2-Methylnaphthalene-d10

Concen: 0.311 ng

RT: 11.960 min Scan# 1157

Delta R.T. -0.023 min

Lab File: BN032572.D

Acq: 09 Jul 2024 04:53

Instrument :

BNA_N

ClientSampleId :

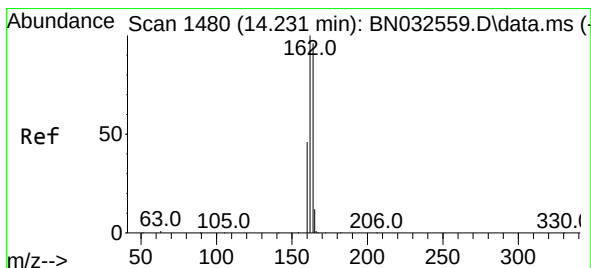
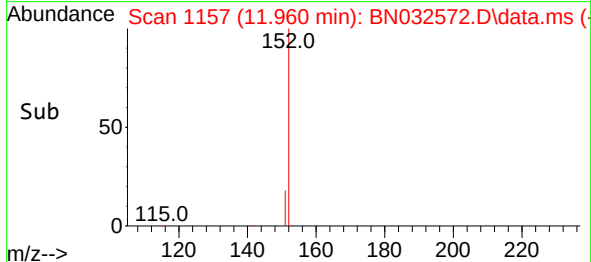
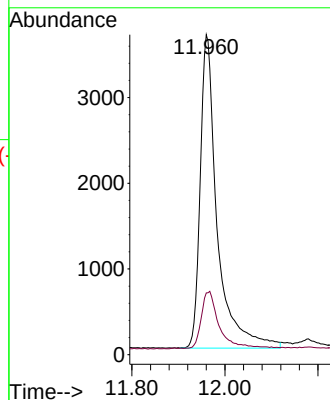
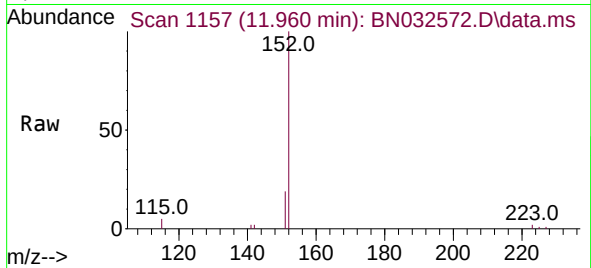
BP-VPB-196-GW-810-812

Tgt Ion:152 Resp: 9255

Ion Ratio Lower Upper

152 100

151 18.9 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: BN032572.D

Acq: 09 Jul 2024 04:53

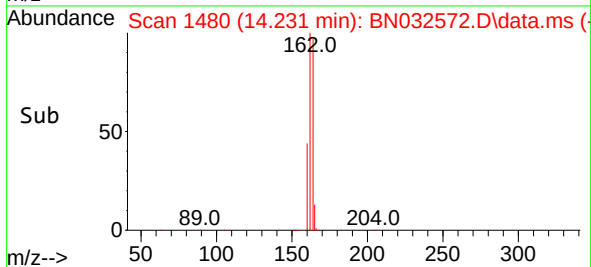
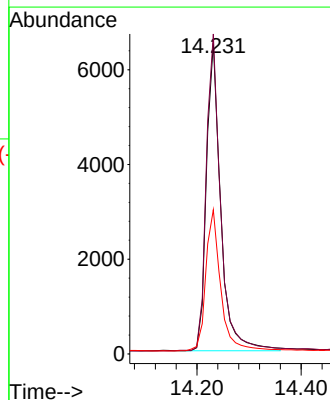
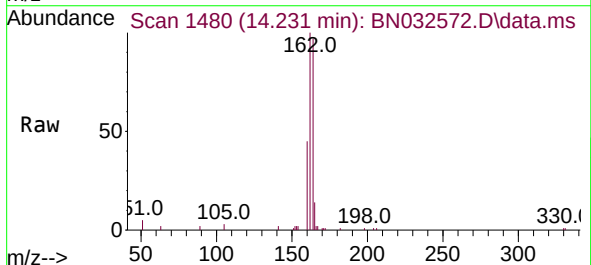
Tgt Ion:164 Resp: 12418

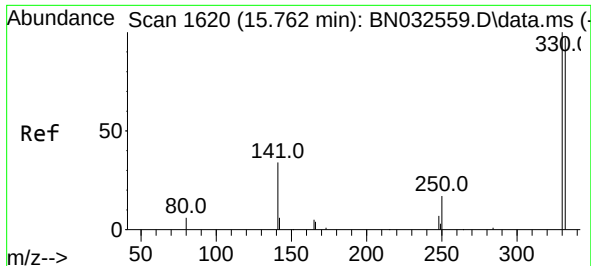
Ion Ratio Lower Upper

164 100

162 102.9 83.2 124.8

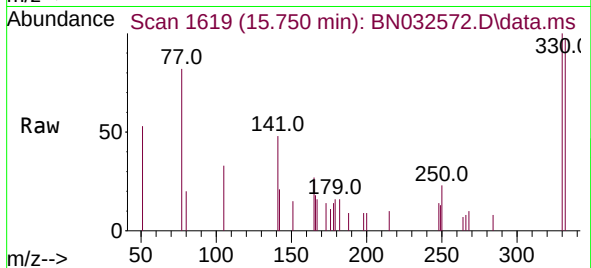
160 46.4 38.6 57.8



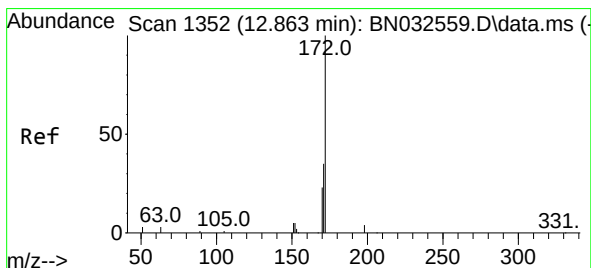
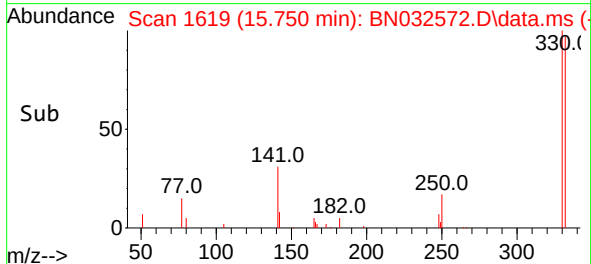
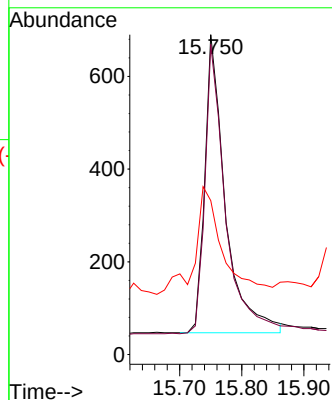


#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.750 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-810-812

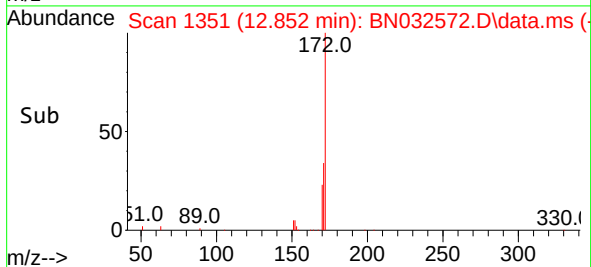
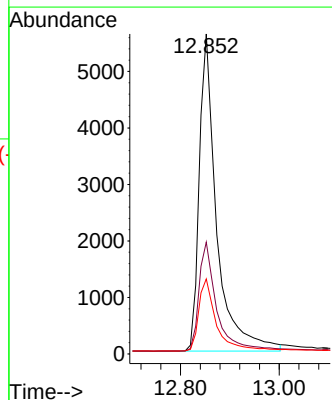
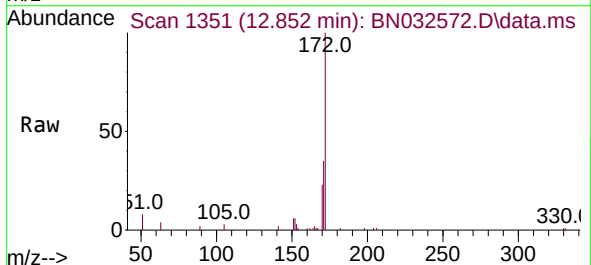


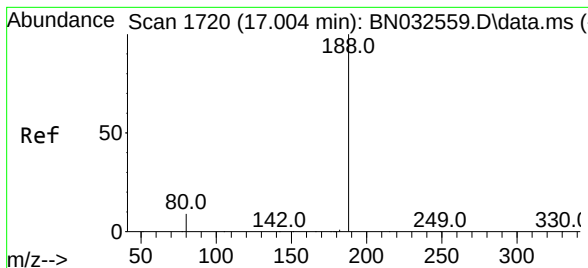
Tgt Ion:330 Resp: 1480
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 36.4 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.852 min Scan# 1351
Delta R.T. -0.011 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

Tgt Ion:172 Resp: 13737
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.4 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.991 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN032572.D

Acq: 09 Jul 2024 04:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-810-812

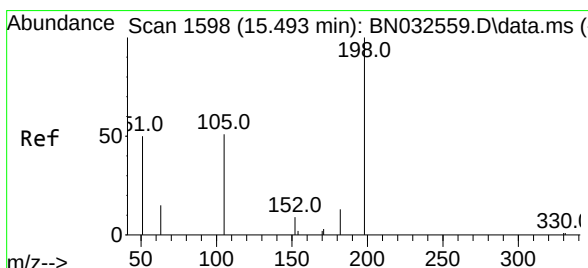
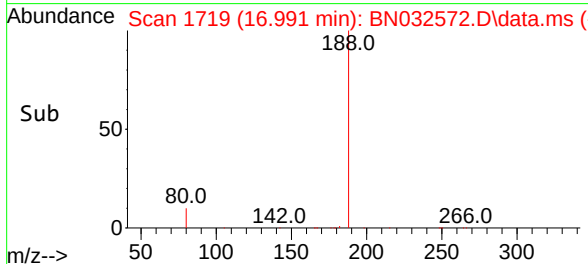
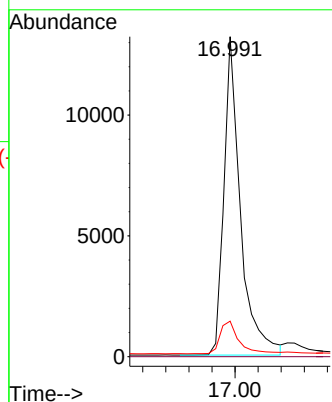
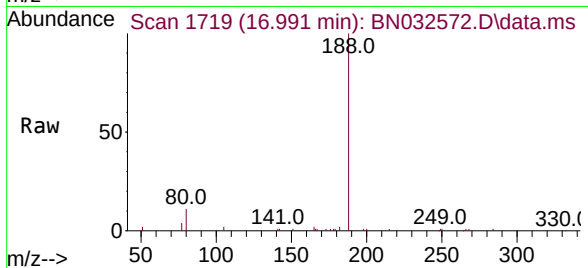
Tgt Ion:188 Resp: 26244

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 7.8 11.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.199 ng

RT: 15.493 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BN032572.D

Acq: 09 Jul 2024 04:53

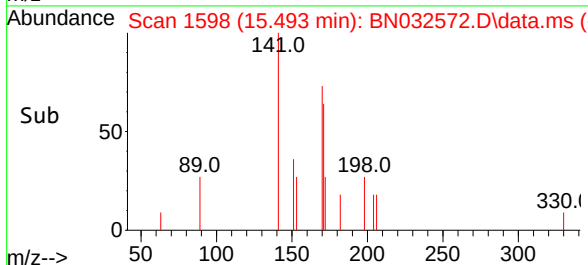
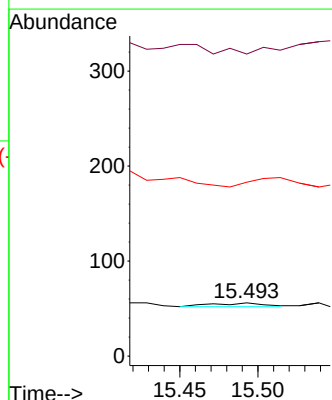
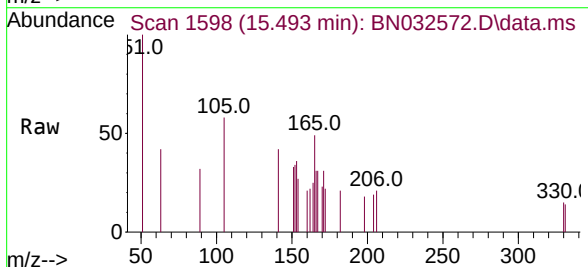
Tgt Ion:198 Resp: 9

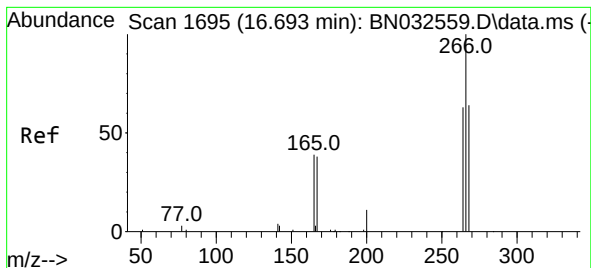
Ion Ratio Lower Upper

198 100

51 567.9 123.4 185.2#

105 326.8 79.5 119.3#





#24

Pentachlorophenol

Concen: 0.171 ng

RT: 16.669 min Scan# 1693

Delta R.T. -0.024 min

Lab File: BN032572.D

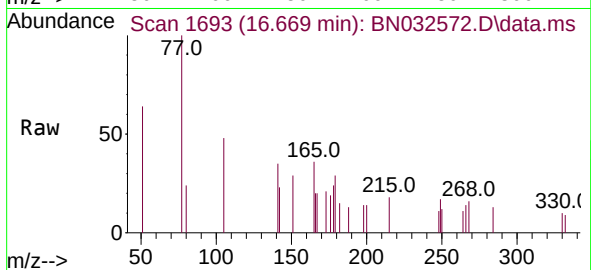
Acq: 09 Jul 2024 04:53

Instrument :

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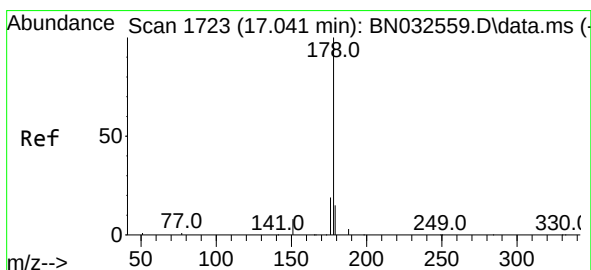
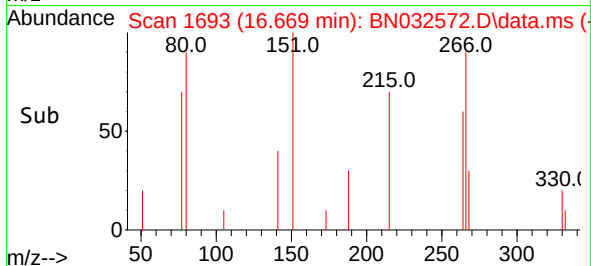
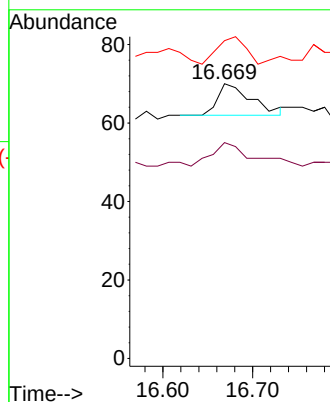
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

264 90.5 49.6 74.4#

268 76.2 52.2 78.2



#25

Phenanthrene

Concen: 0.039 ng

RT: 17.041 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BN032572.D

Acq: 09 Jul 2024 04:53

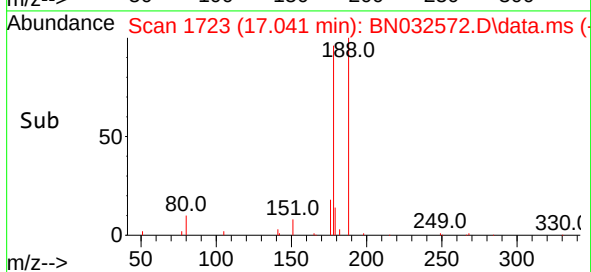
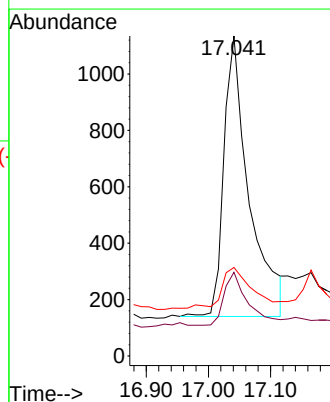
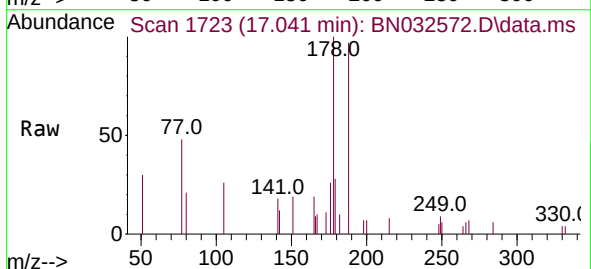
Tgt Ion:178 Resp: 2793

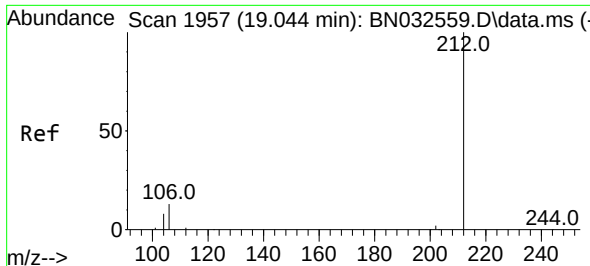
Ion Ratio Lower Upper

178 100

176 17.9 15.2 22.8

179 17.5 12.2 18.4

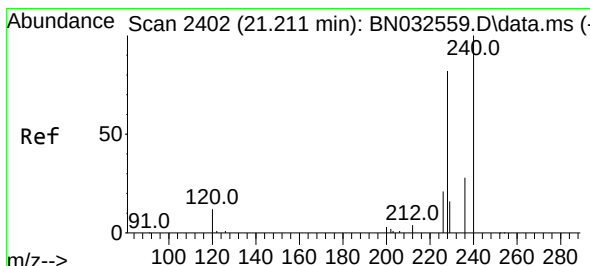
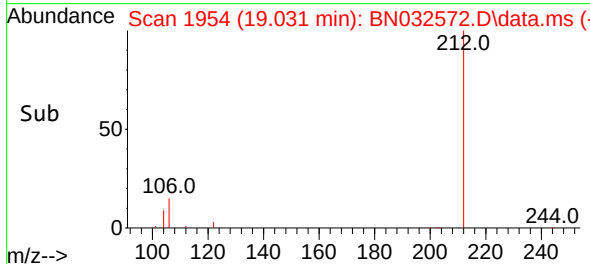
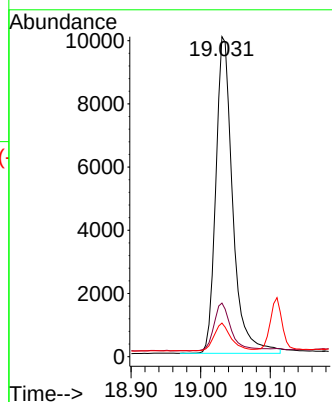
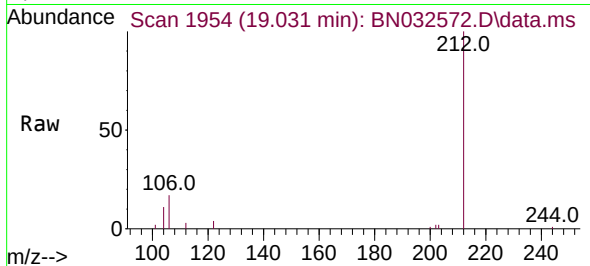




#27
Fluoranthene-d10
Concen: 0.247 ng
RT: 19.031 min Scan# 1903
Delta R.T. -0.014 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

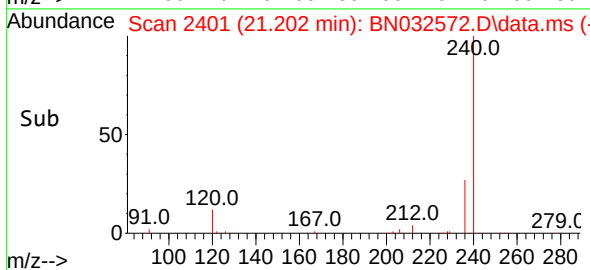
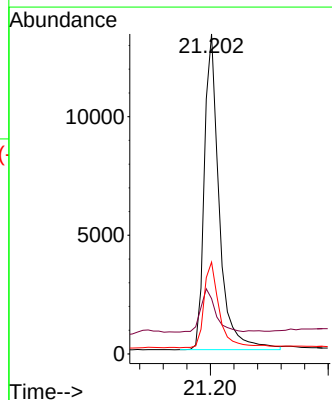
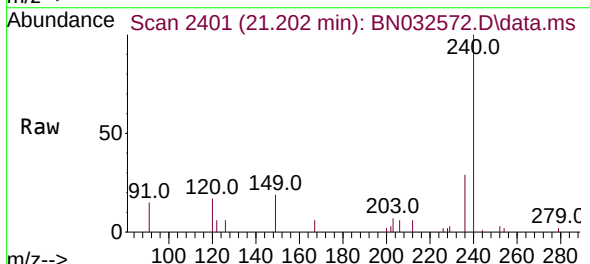
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-810-812

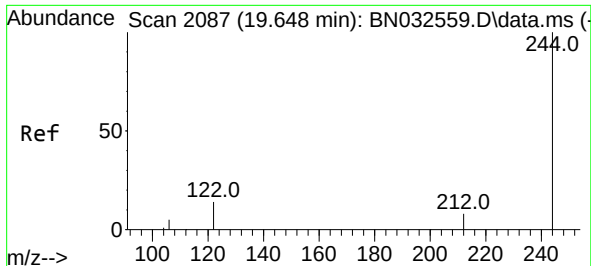
Tgt Ion:212 Resp: 16903
Ion Ratio Lower Upper
212 100
106 15.7 11.8 17.8
104 8.7 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.009 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

Tgt Ion:240 Resp: 23331
Ion Ratio Lower Upper
240 100
120 17.3 13.0 19.4
236 28.7 23.1 34.7

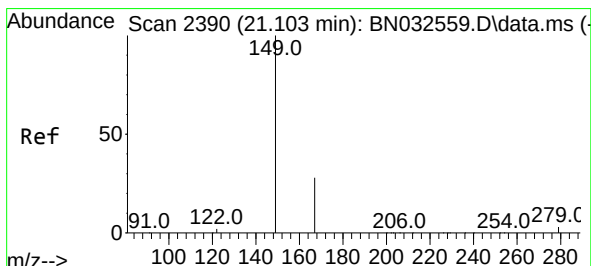
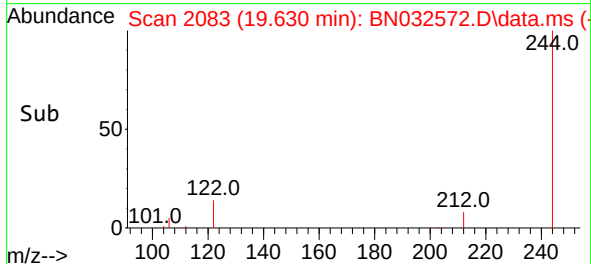
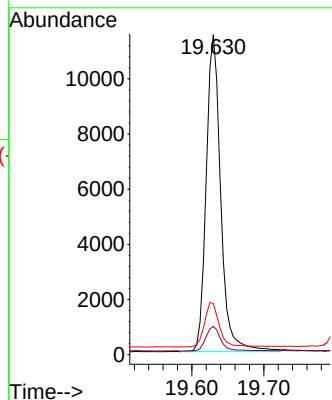
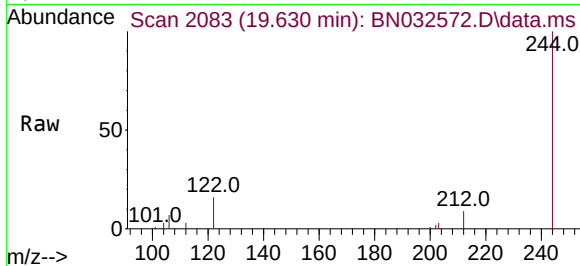




#31
 Terphenyl-d14
 Concen: 0.283 ng
 RT: 19.630 min Scan# 2083
 Delta R.T. -0.019 min
 Lab File: BN032572.D
 Acq: 09 Jul 2024 04:53

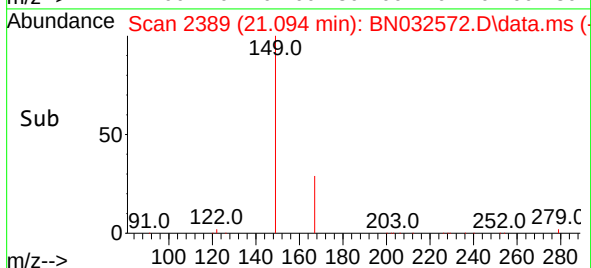
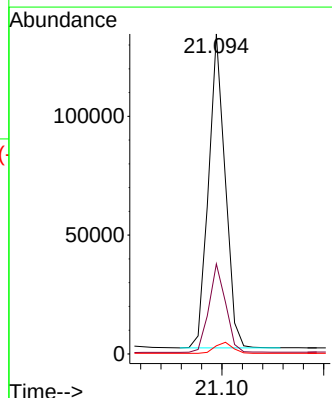
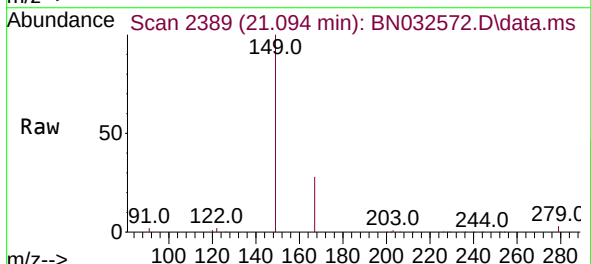
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-810-812

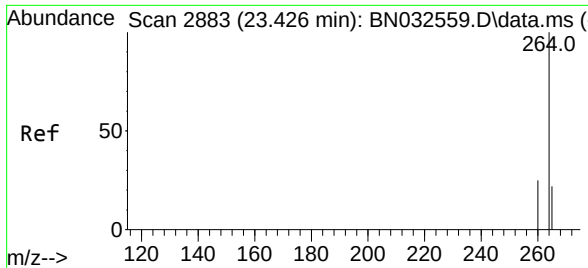
Tgt Ion:244 Resp: 16119
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.2 10.8
 122 16.0 12.1 18.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 2.861 ng
 RT: 21.094 min Scan# 2389
 Delta R.T. -0.009 min
 Lab File: BN032572.D
 Acq: 09 Jul 2024 04:53

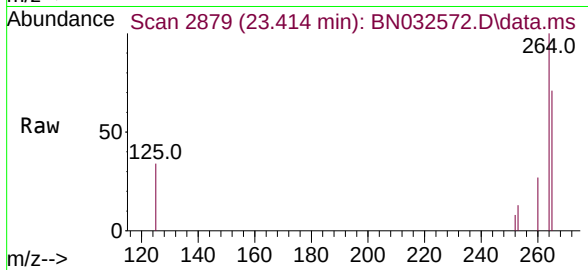
Tgt Ion:149 Resp: 150015
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.6 32.4
 279 3.7 3.0 4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.414 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN032572.D
 Acq: 09 Jul 2024 04:53

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-810-812



Tgt Ion:264 Resp: 21600
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.0 31.6
 265 71.1 76.6 115.0#

