

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032598.D
 Acq On : 09 Jul 2024 21:59
 Operator : MA/JU
 Sample : P3128-06
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-638-640

Quant Time: Jul 10 01:02:52 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)

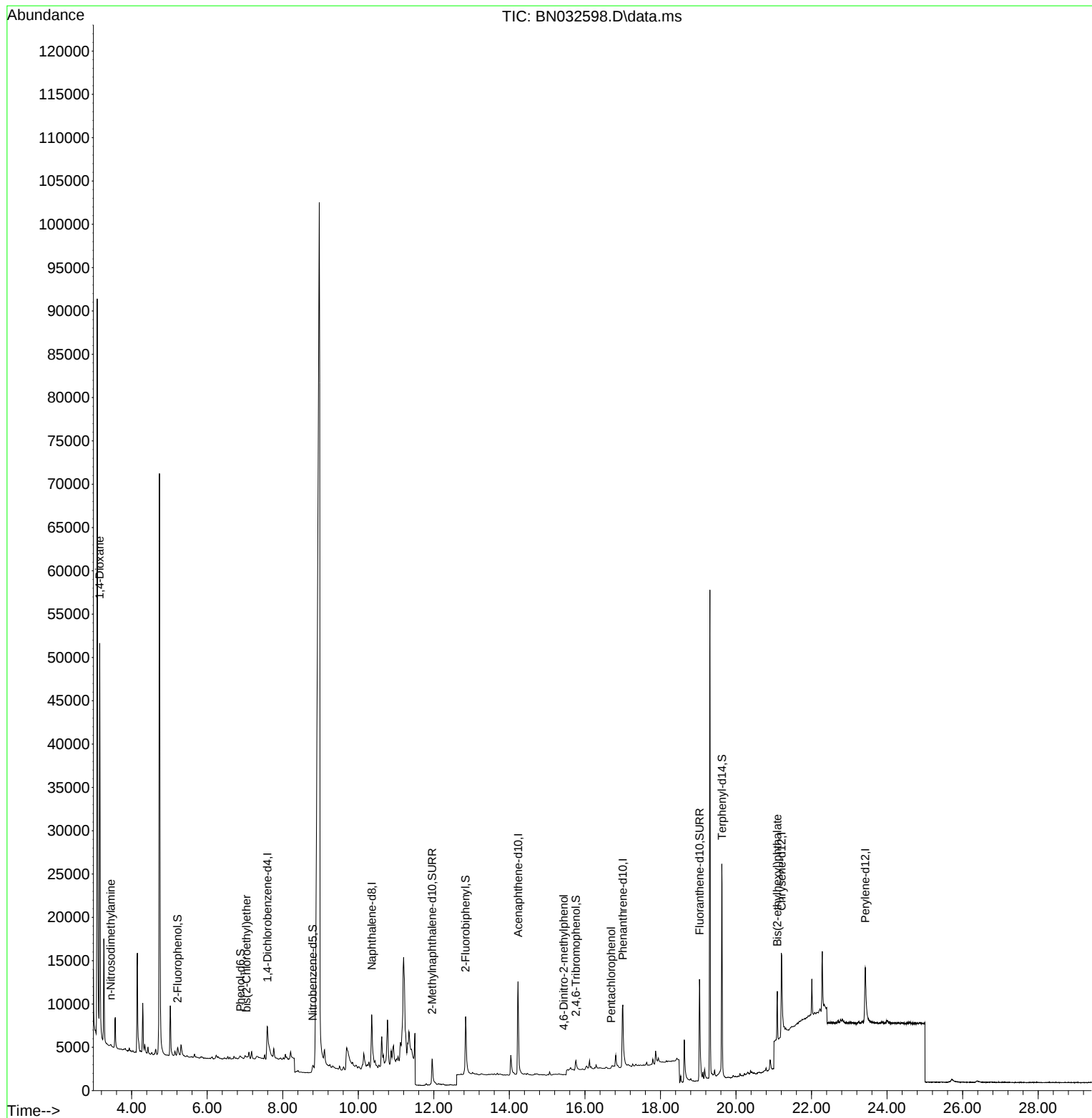
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	3793	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	12973	0.400	ng	-0.02
13) Acenaphthene-d10	14.231	164	8110	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	16570	0.400	ng	0.00
29) Chrysene-d12	21.211	240	13896	0.400	ng	0.00
35) Perylene-d12	23.423	264	13068	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	1674	0.175	ng	0.00
5) Phenol-d6	6.880	99	888	0.072	ng	0.06
8) Nitrobenzene-d5	8.798	82	1539	0.159	ng	0.00
11) 2-Methylnaphthalene-d10	11.956	152	6493	0.317	ng	-0.03
14) 2,4,6-Tribromophenol	15.762	330	1041	0.283	ng	0.00
15) 2-Fluorobiphenyl	12.842	172	9021	0.302	ng	-0.02
27) Fluoranthene-d10	19.035	212	15881	0.368	ng	0.00
31) Terphenyl-d14	19.630	244	12673	0.373	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.154	88	28618	5.730	ng	98
3) n-Nitrosodimethylamine	3.450	42	75	0.021	ng	# 1
6) bis(2-Chloroethyl)ether	7.039	93	203	0.105	ng	# 53
20) 4,6-Dinitro-2-methylph...	15.439	198	5	0.199	ng	# 1
24) Pentachlorophenol	16.693	266	32	0.174	ng	# 58
34) Bis(2-ethylhexyl)phtha...	21.094	149	5238	0.168	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032598.D
Acq On : 09 Jul 2024 21:59
Operator : MA/JU
Sample : P3128-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-638-640

Quant Time: Jul 10 01:02:52 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

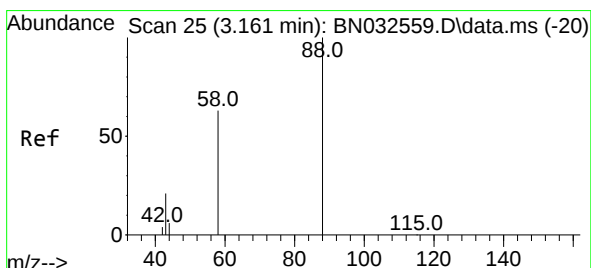
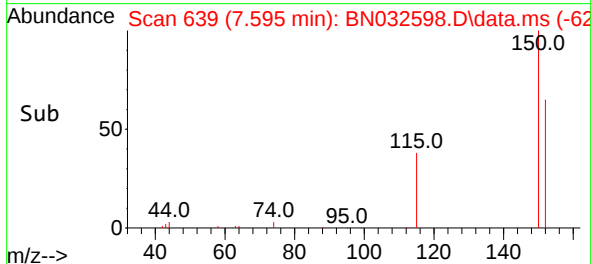
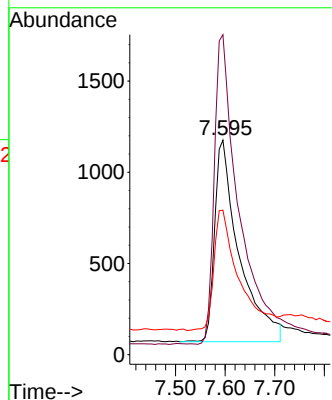
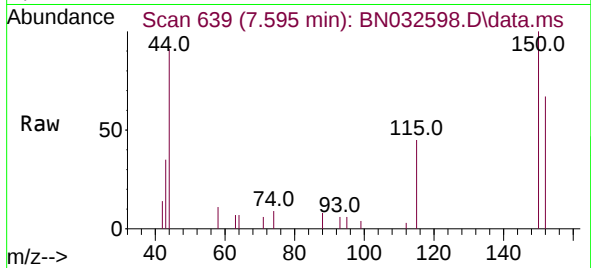




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.595 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

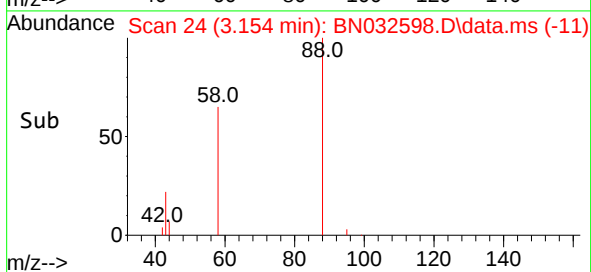
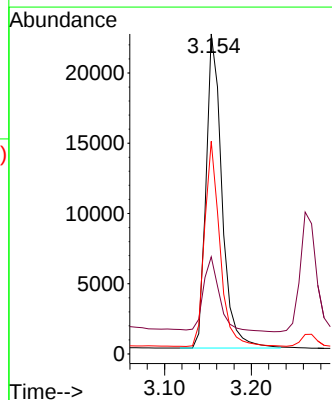
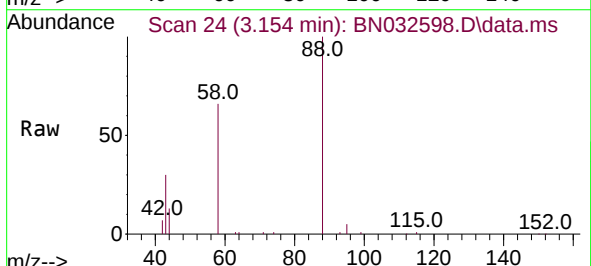
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-638-640

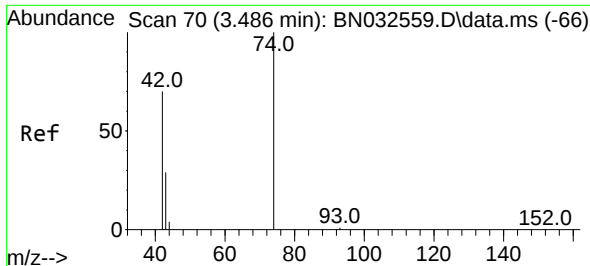
Tgt Ion:152 Resp: 3793
Ion Ratio Lower Upper
152 100
150 149.1 121.6 182.4
115 67.3 53.1 79.7



#2
1,4-Dioxane
Concen: 5.730 ng
RT: 3.154 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

Tgt Ion: 88 Resp: 28618
Ion Ratio Lower Upper
88 100
43 24.3 20.4 30.6
58 62.7 51.0 76.6

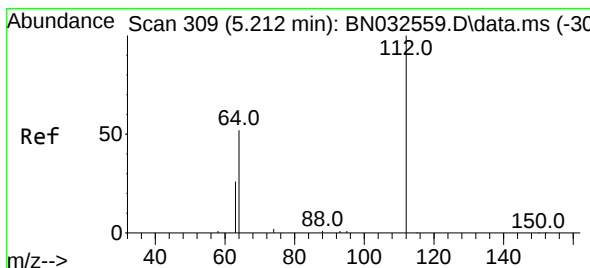
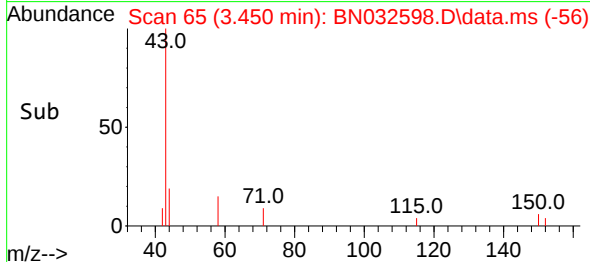
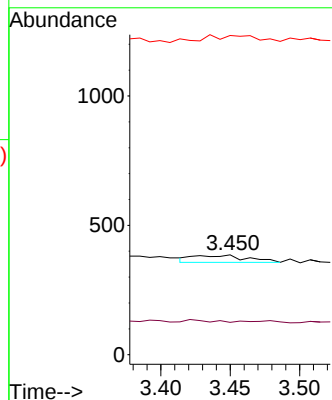
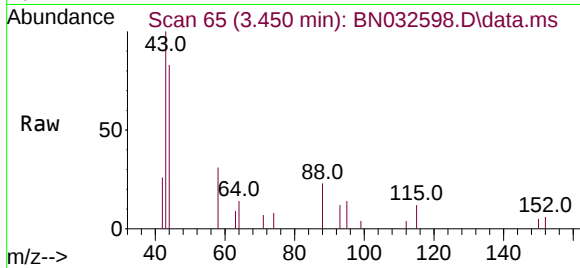




#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.450 min Scan# 61
Delta R.T. -0.036 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

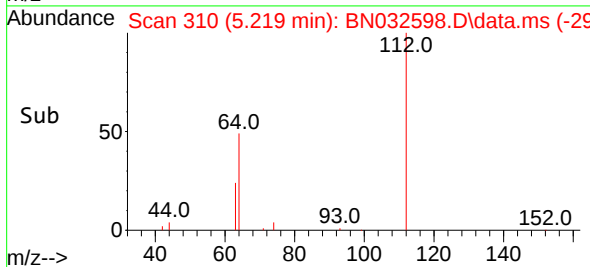
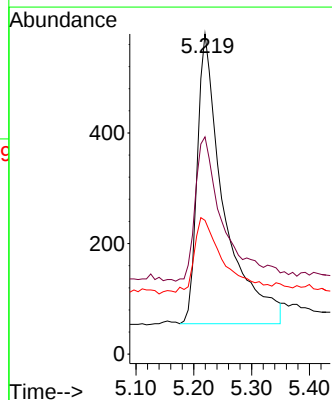
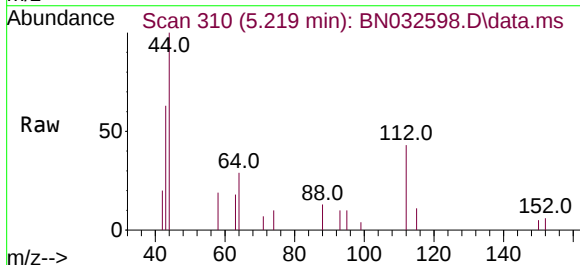
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-638-640

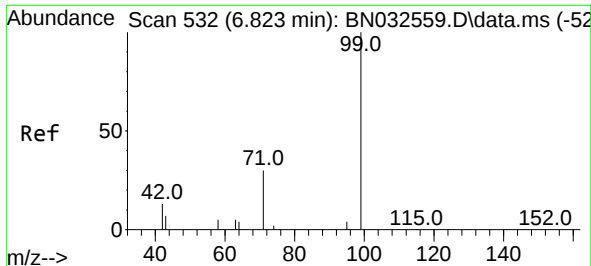
Tgt Ion: 42 Resp: 75
Ion Ratio Lower Upper
42 100
74 0.0 126.8 190.2#
44 0.0 8.7 13.1#



#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

Tgt Ion: 112 Resp: 1674
Ion Ratio Lower Upper
112 100
64 50.1 41.2 61.8
63 30.3 21.6 32.4

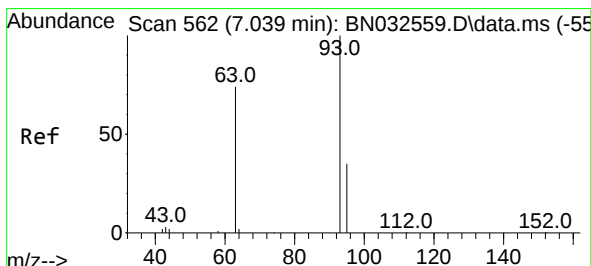
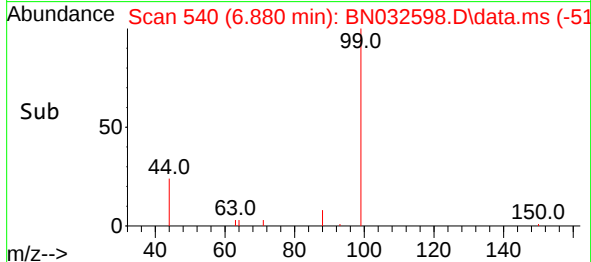
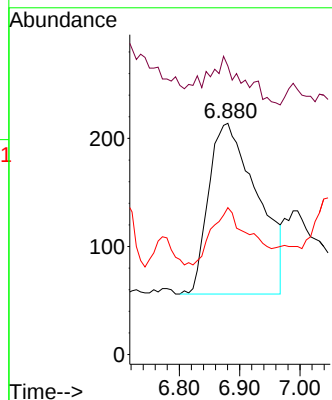
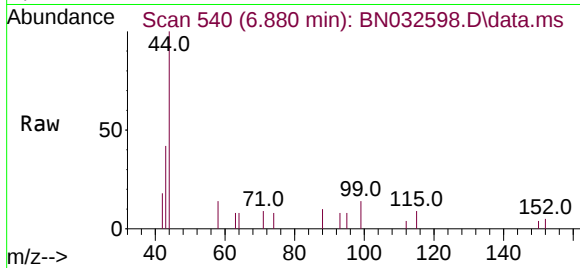




#5
Phenol-d6
Concen: 0.072 ng
RT: 6.880 min Scan# 54
Delta R.T. 0.058 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

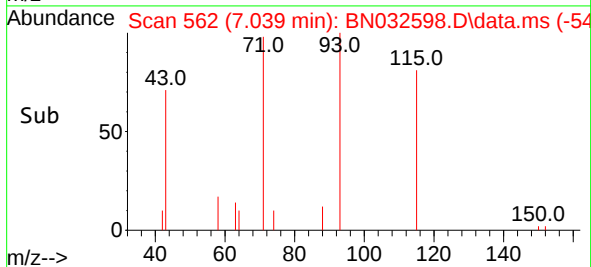
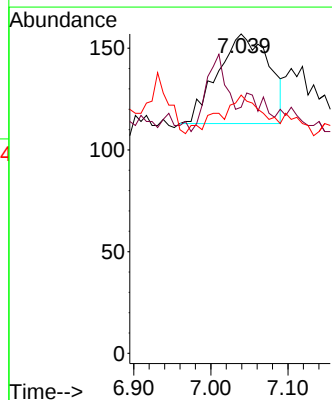
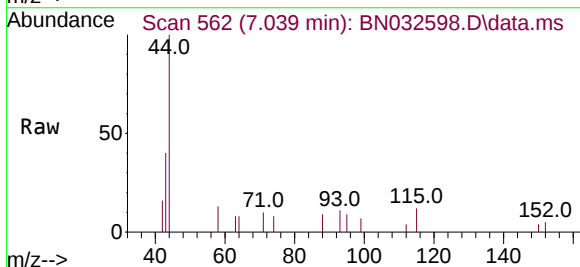
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-638-640

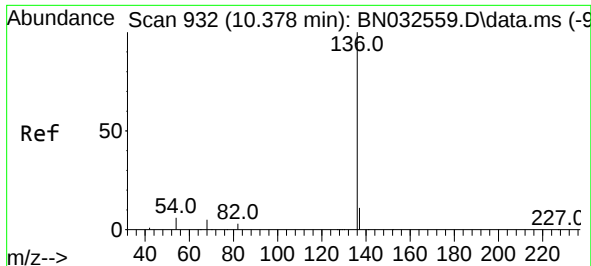
Tgt Ion: 99 Resp: 888
Ion Ratio Lower Upper
99 100
42 22.0 10.6 16.0#
71 25.5 25.2 37.8



#6
bis(2-Chloroethyl)ether
Concen: 0.105 ng
RT: 7.039 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

Tgt Ion: 93 Resp: 203
Ion Ratio Lower Upper
93 100
63 9.9 54.1 81.1#
95 35.5 30.5 45.7

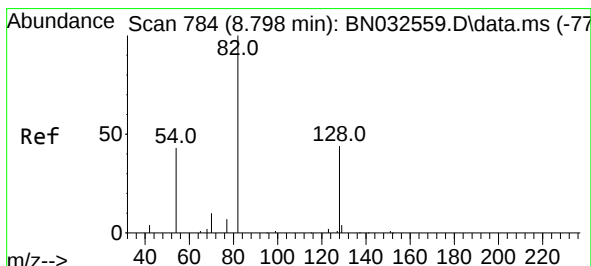
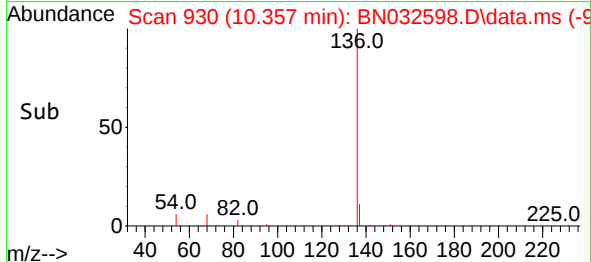
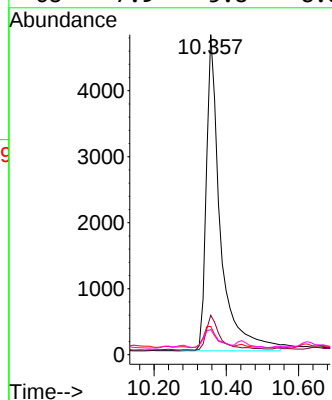
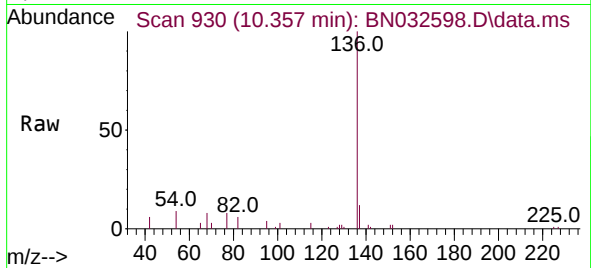




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

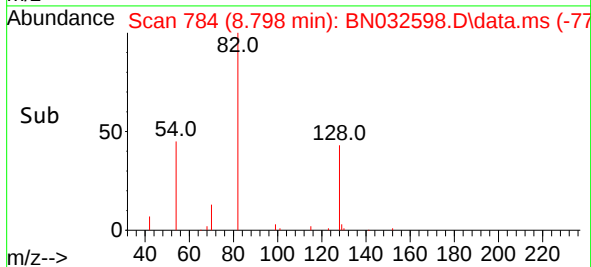
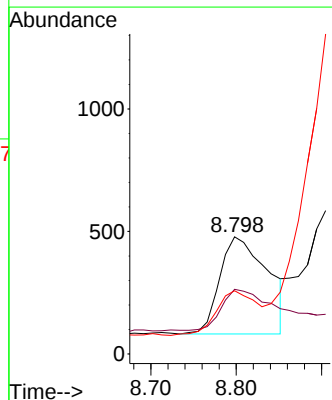
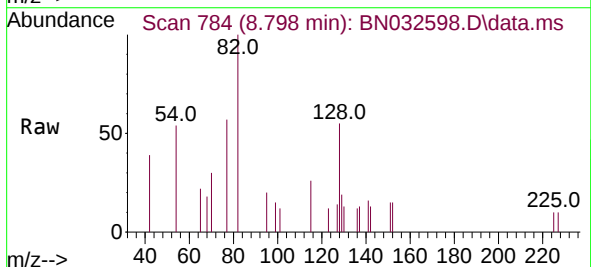
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-638-640

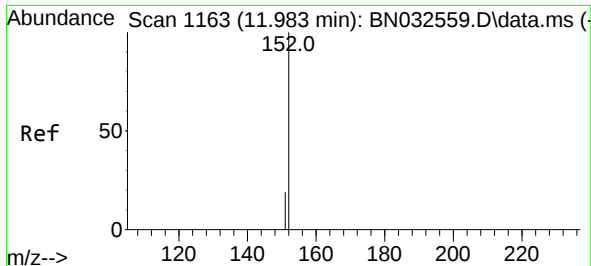
Tgt Ion:	136	Resp:	12973
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.0	15.0
54	8.8	6.6	9.8
68	7.9	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.159 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

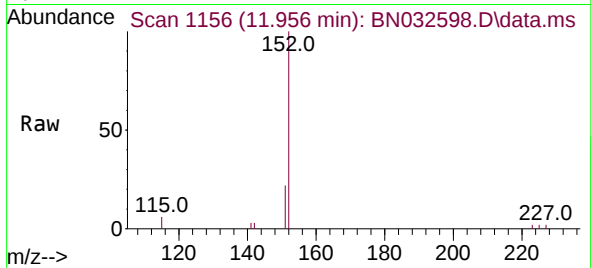
Tgt Ion:	82	Resp:	1539
Ion	Ratio	Lower	Upper
82	100		
128	55.2	43.4	65.2
54	54.0	40.2	60.2



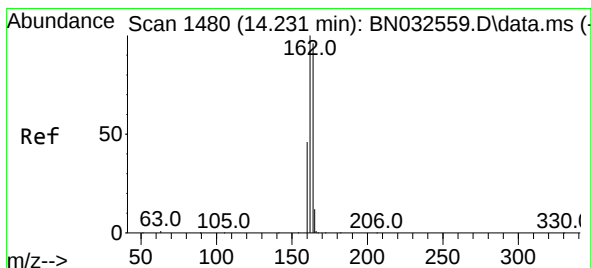
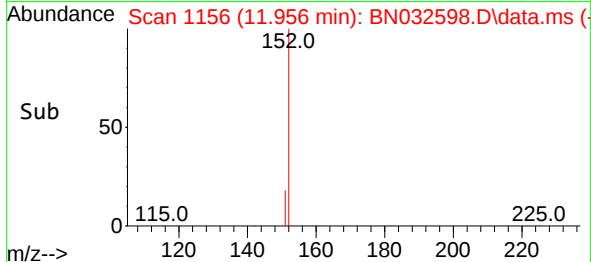
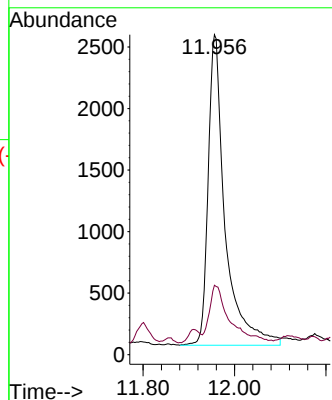


#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 11.956 min Scan# 1163
Delta R.T. -0.026 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-638-640

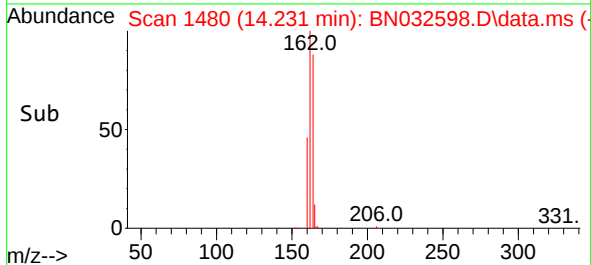
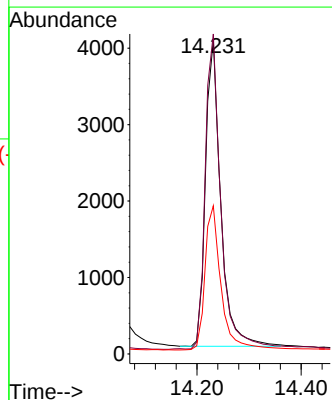
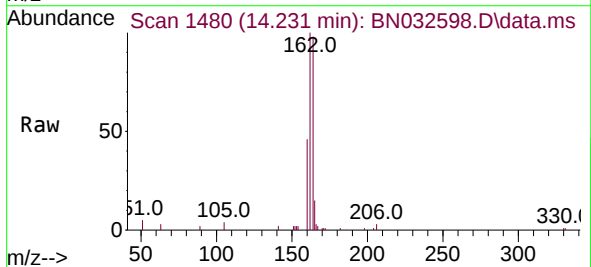


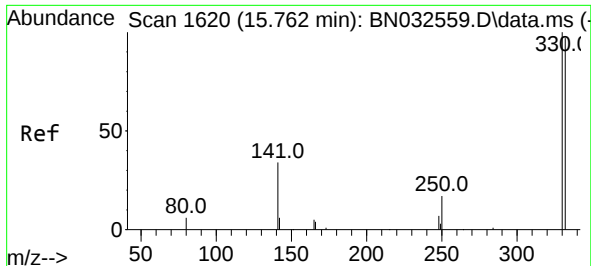
Tgt Ion:152 Resp: 6493
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

Tgt Ion:164 Resp: 8110
Ion Ratio Lower Upper
164 100
162 101.9 83.2 124.8
160 47.2 38.6 57.8

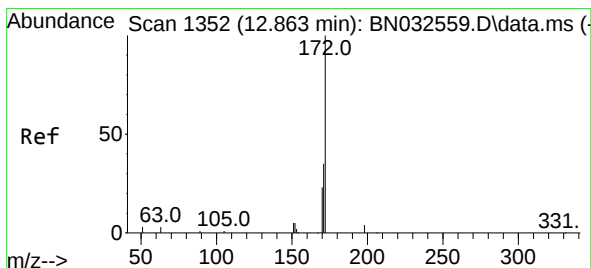
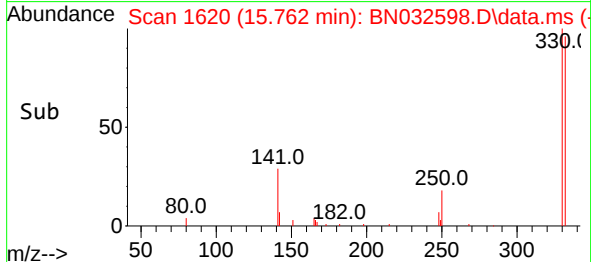
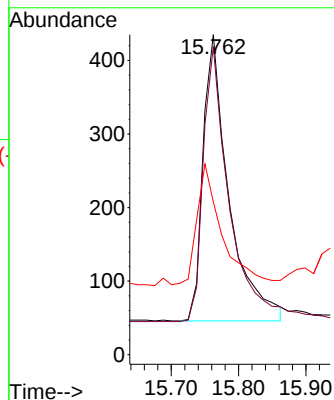
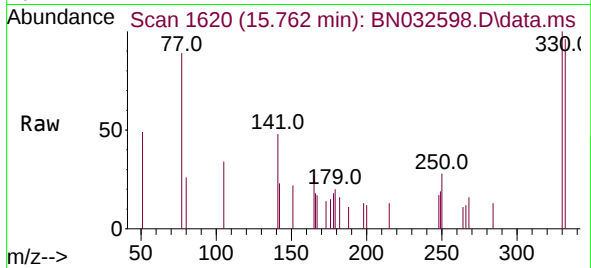




#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.762 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

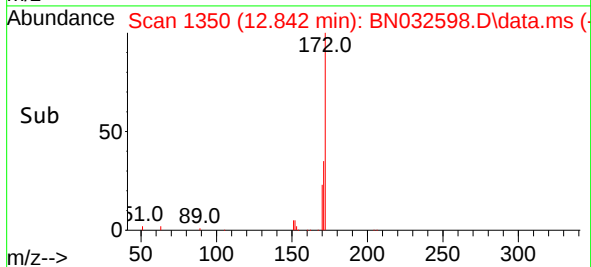
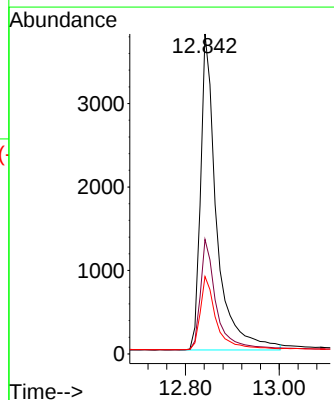
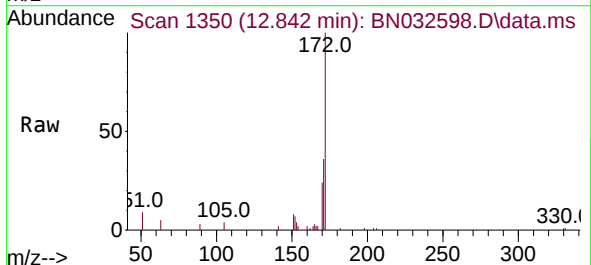
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-638-640

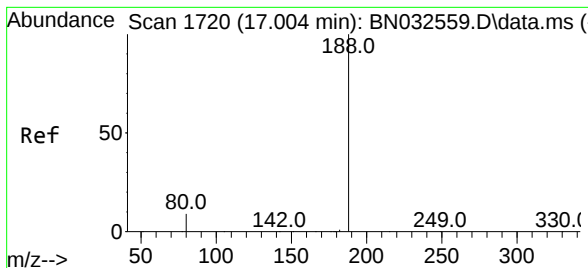
Tgt Ion:330 Resp: 1041
Ion Ratio Lower Upper
330 100
332 95.7 77.7 116.5
141 40.3 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.842 min Scan# 1350
Delta R.T. -0.021 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

Tgt Ion:172 Resp: 9021
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.2 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.004 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN032598.D

Acq: 09 Jul 2024 21:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-638-640

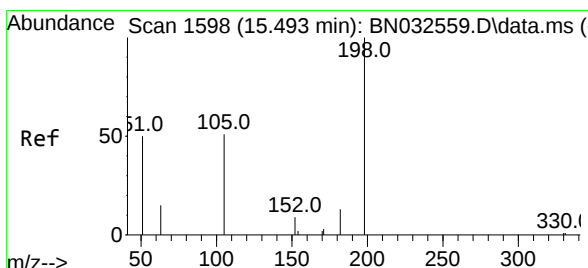
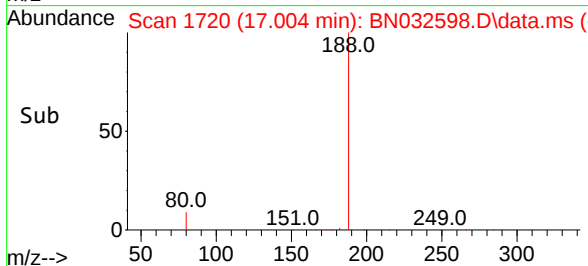
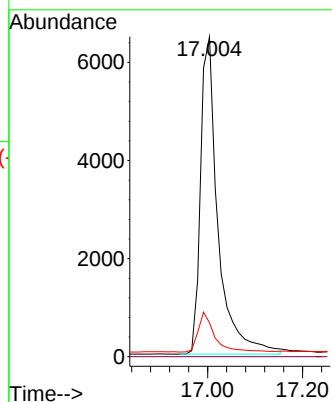
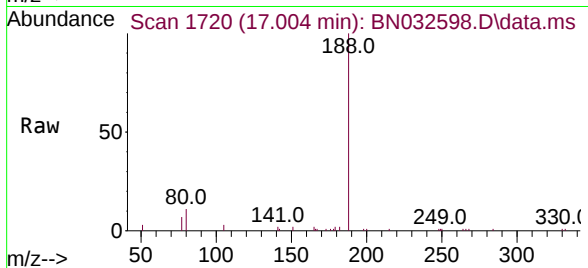
Tgt Ion:188 Resp: 16570

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 7.8 11.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.199 ng

RT: 15.439 min Scan# 1593

Delta R.T. -0.054 min

Lab File: BN032598.D

Acq: 09 Jul 2024 21:59

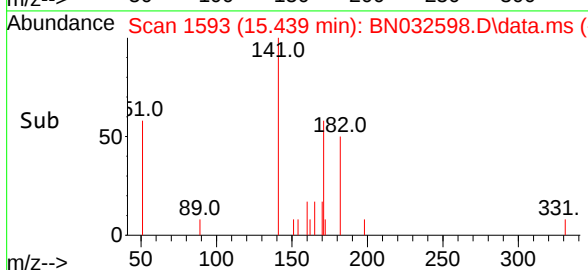
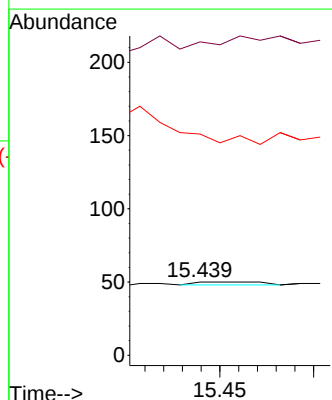
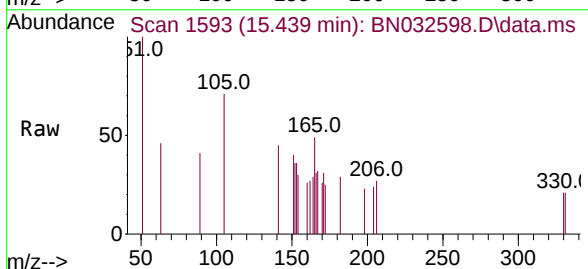
Tgt Ion:198 Resp: 5

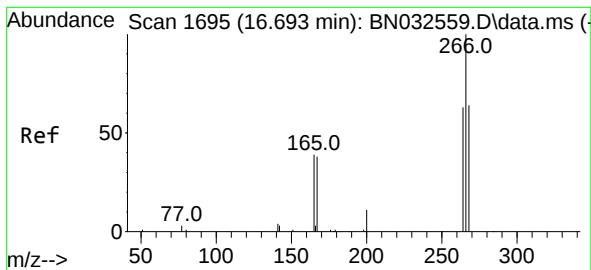
Ion Ratio Lower Upper

198 100

51 428.0 123.4 185.2#

105 302.0 79.5 119.3#





#24

Pentachlorophenol

Concen: 0.174 ng

RT: 16.693 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BN032598.D

Acq: 09 Jul 2024 21:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-638-640

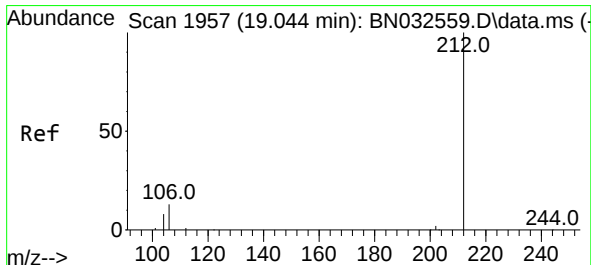
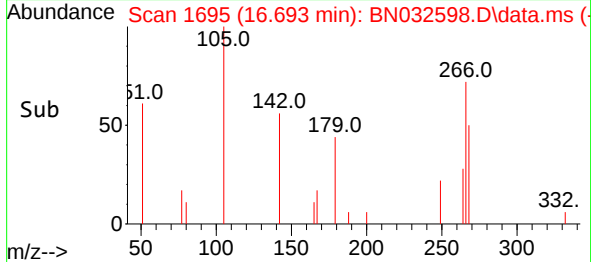
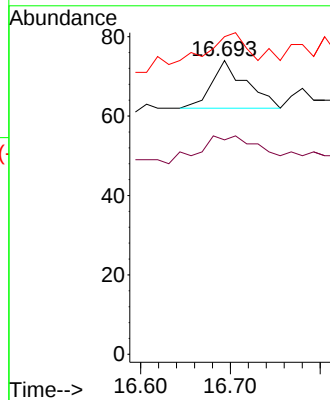
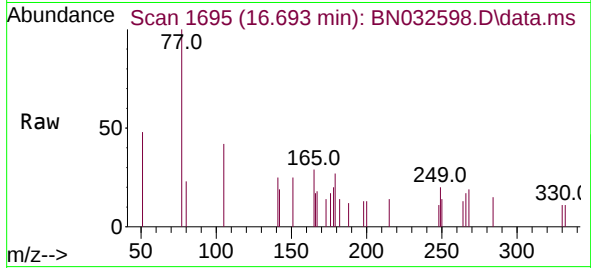
Tgt Ion:266 Resp: 32

Ion Ratio Lower Upper

266 100

264 0.0 49.6 74.4#

268 68.8 52.2 78.2



#27

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.035 min Scan# 1955

Delta R.T. -0.009 min

Lab File: BN032598.D

Acq: 09 Jul 2024 21:59

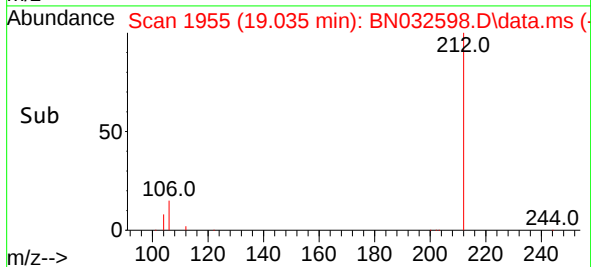
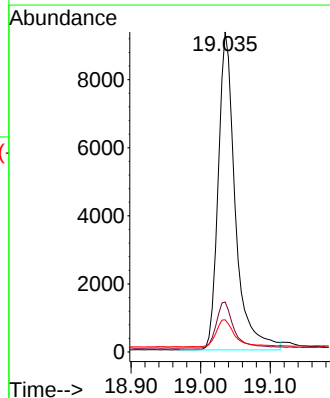
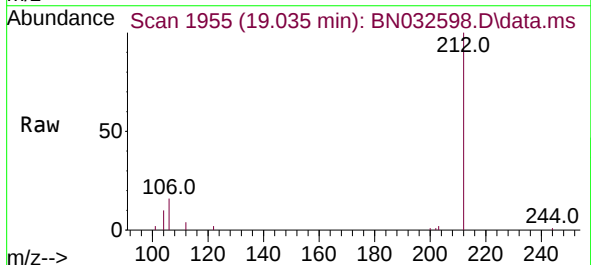
Tgt Ion:212 Resp: 15881

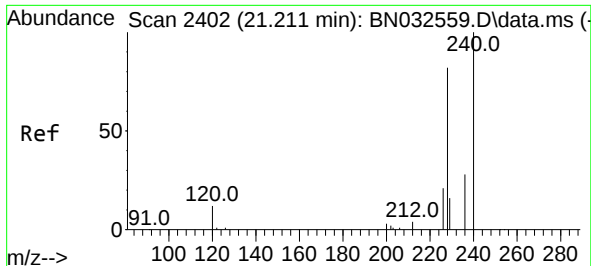
Ion Ratio Lower Upper

212 100

106 15.2 11.8 17.8

104 9.7 6.9 10.3

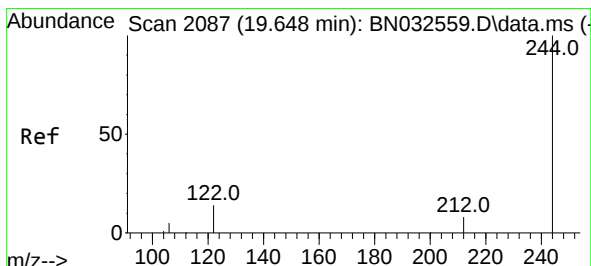
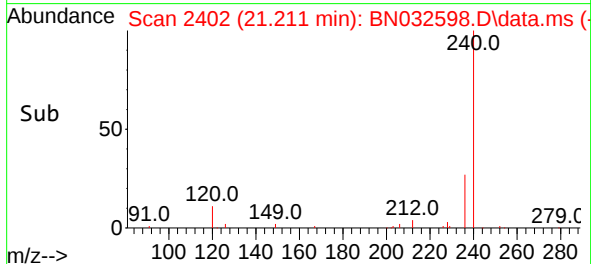
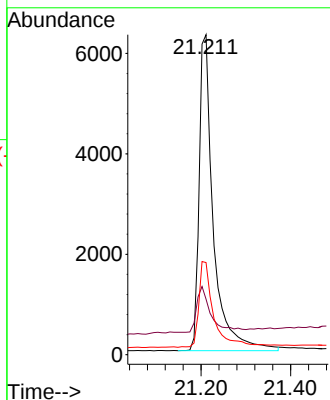
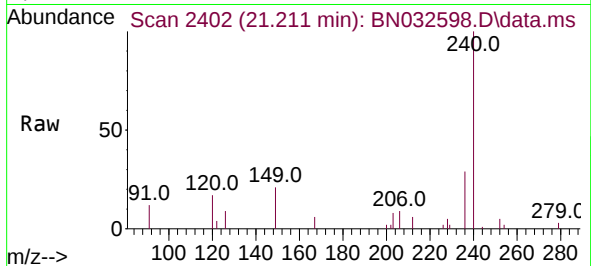




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

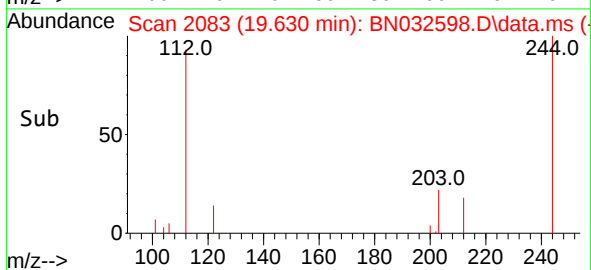
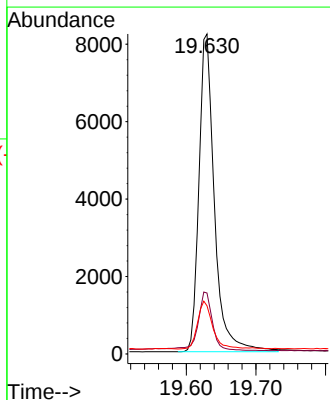
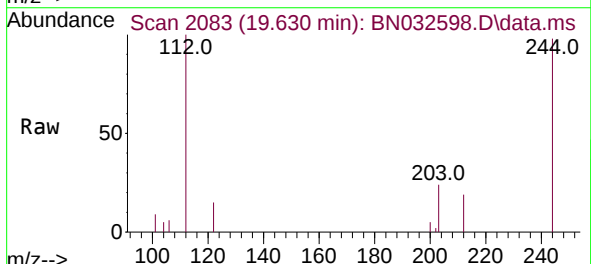
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-638-640

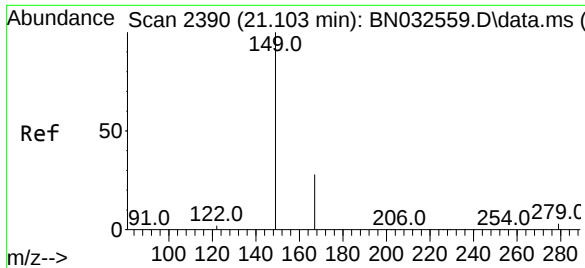
Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.4	13.0	19.4
236	28.8	23.1	34.7



#31
Terphenyl-d14
Concen: 0.373 ng
RT: 19.630 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	19.1	7.2	10.8
122	15.0	12.1	18.1

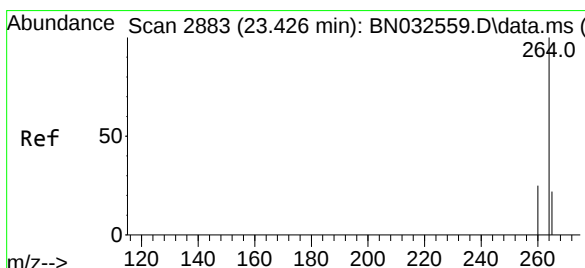
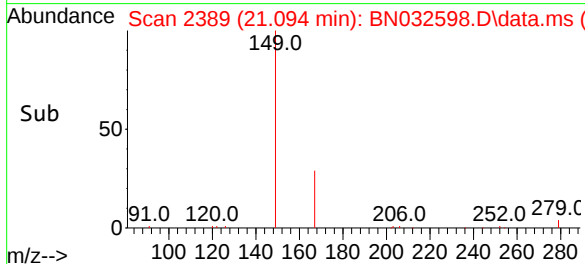
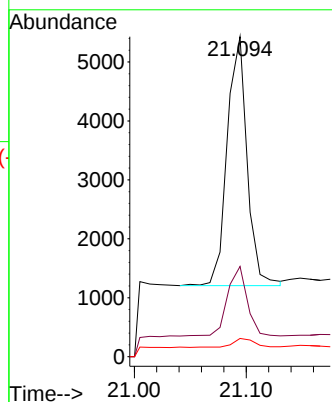
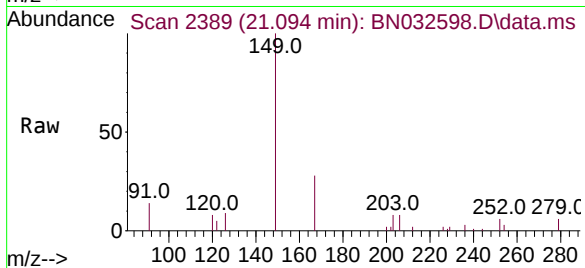




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.168 ng
 RT: 21.094 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN032598.D
 Acq: 09 Jul 2024 21:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-638-640

Tgt Ion:	149	Resp:	5238
Ion Ratio	Lower	Upper	
149	100		
167	28.8	21.6	32.4
279	4.2	3.0	4.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.423 min Scan# 2882
 Delta R.T. -0.003 min
 Lab File: BN032598.D
 Acq: 09 Jul 2024 21:59

Tgt Ion:	264	Resp:	13068
Ion Ratio	Lower	Upper	
264	100		
260	27.0	21.0	31.6
265	124.5	76.6	115.0#

