

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033045.D
 Acq On : 27 Jul 2024 22:40
 Operator : MA/JU
 Sample : P3307-04
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-923-925

Quant Time: Jul 29 01:08:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

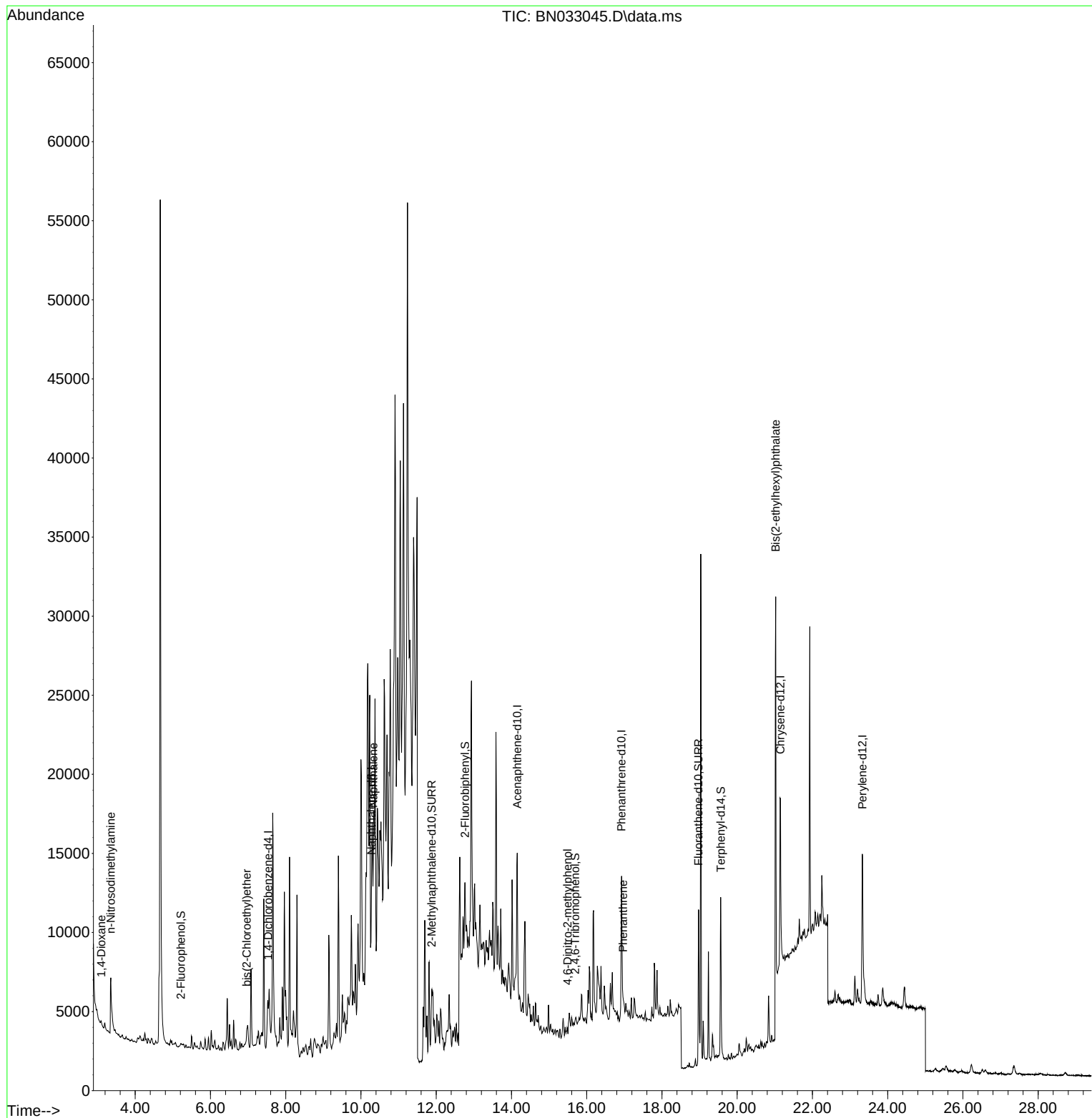
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.532	152	2356	0.400	ng	0.00
7) Naphthalene-d8	10.276	136	8693	0.400	ng	#-0.03
13) Acenaphthene-d10	14.154	164	6691	0.400	ng	-0.02
19) Phenanthrene-d10	16.927	188	14383	0.400	ng	#-0.03
29) Chrysene-d12	21.149	240	14424	0.400	ng	-0.02
35) Perylene-d12	23.327	264	14907	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	500	0.084	ng	0.04
5) Phenol-d6	6.788	99	97	0.013	ng	0.00
8) Nitrobenzene-d5	8.696	82	127	0.019	ng	-0.04
11) 2-Methylnaphthalene-d10	11.878	152	6019	0.453	ng	-0.04
14) 2,4,6-Tribromophenol	15.698	330	356	0.124	ng	-0.03
15) 2-Fluorobiphenyl	12.764	172	6378	0.256	ng	-0.05
27) Fluoranthene-d10	18.971	212	12112	0.325	ng	-0.02
31) Terphenyl-d14	19.566	244	10248	0.347	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.097	88	164	0.056	ng	# 1
3) n-Nitrosodimethylamine	3.350	42	1065	0.432	ng	# 1
6) bis(2-Chloroethyl)ether	6.961	93	165	0.027	ng	# 2
9) Naphthalene	10.329	128	646	0.027	ng	# 10
20) 4,6-Dinitro-2-methylph...	15.491	198	84	0.320	ng	# 1
25) Phenanthrene	16.964	178	790	0.020	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.024	149	26183	1.037	ng	# 99

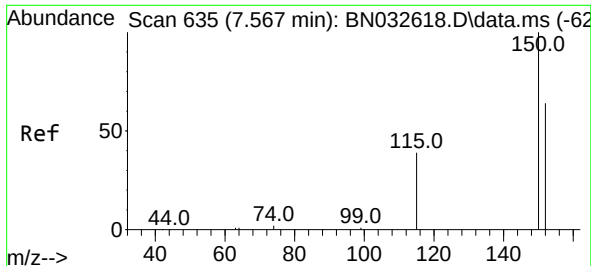
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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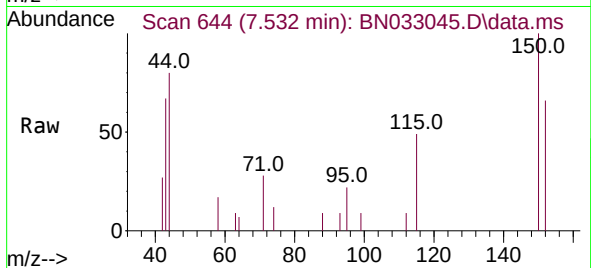
Quant Time: Jul 29 01:08:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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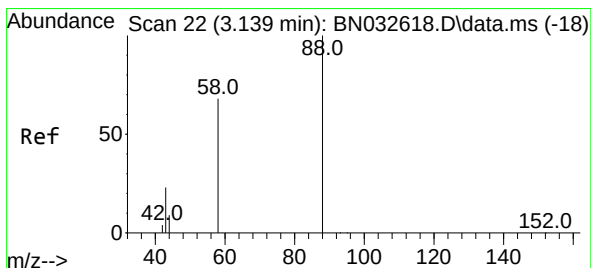
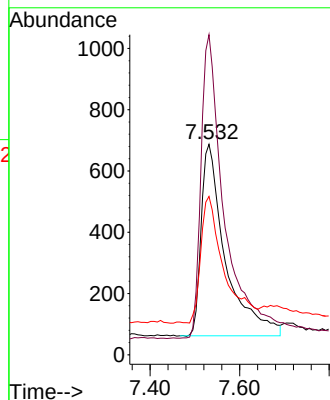
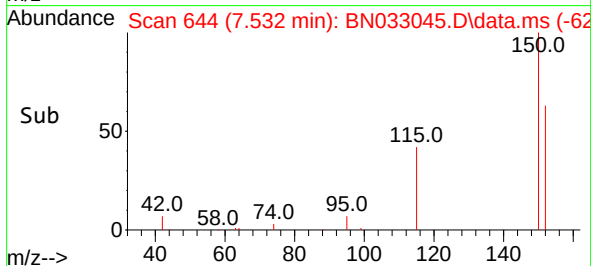


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.532 min Scan# 64
 Delta R.T. 0.001 min
 Lab File: BN033045.D
 Acq: 27 Jul 2024 22:40

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-923-925

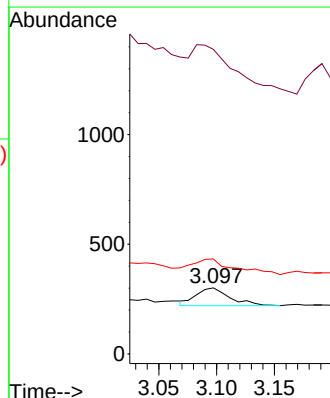
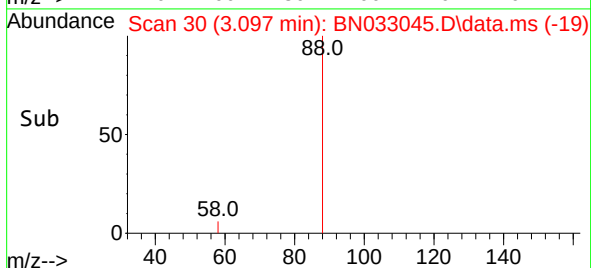
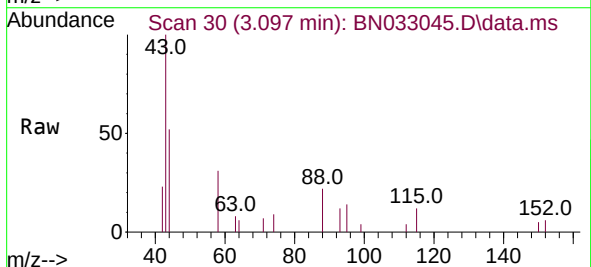


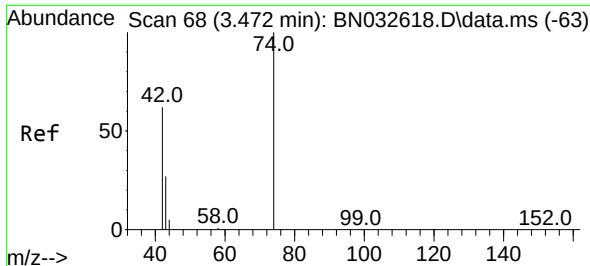
Tgt Ion:152 Resp: 2356
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.8 185.6
 115 75.3 52.8 79.2



#2
 1,4-Dioxane
 Concen: 0.056 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.021 min
 Lab File: BN033045.D
 Acq: 27 Jul 2024 22:40

Tgt Ion: 88 Resp: 164
 Ion Ratio Lower Upper
 88 100
 43 335.4 18.4 27.6#
 58 107.3 49.2 73.8#

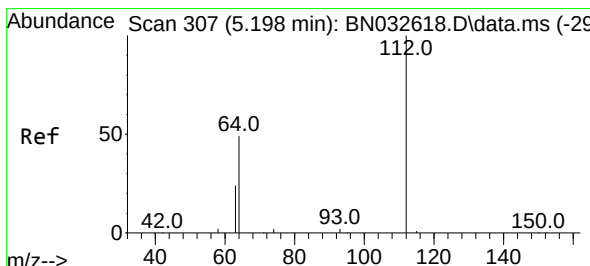
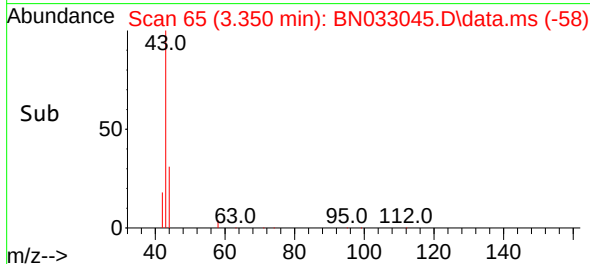
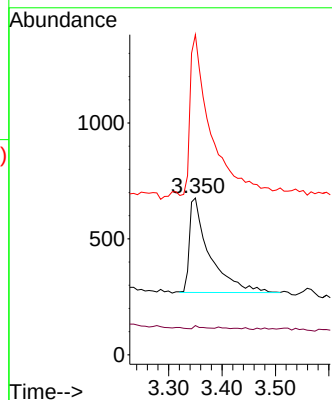
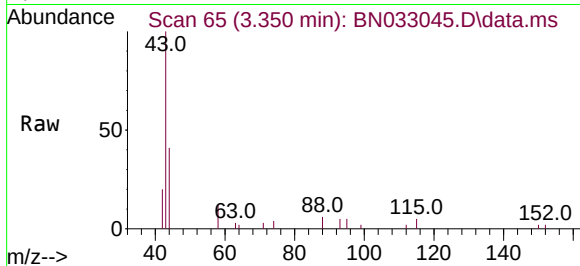




#3
n-Nitrosodimethylamine
Concen: 0.432 ng
RT: 3.350 min Scan# 61
Delta R.T. -0.100 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

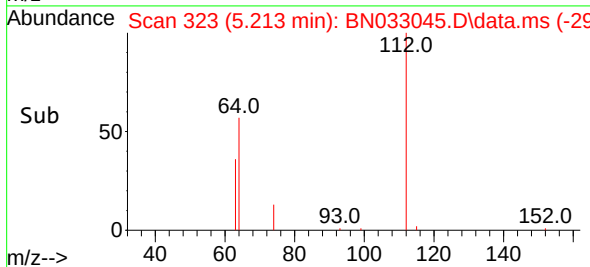
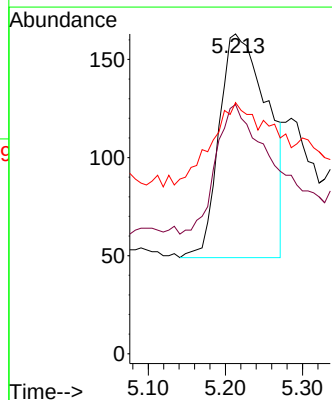
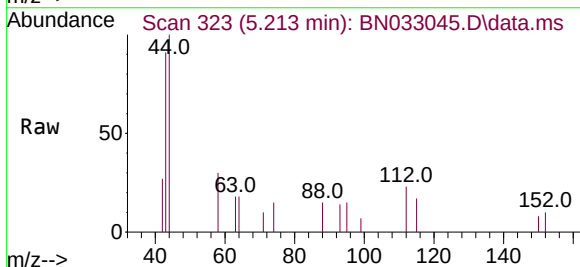
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-923-925

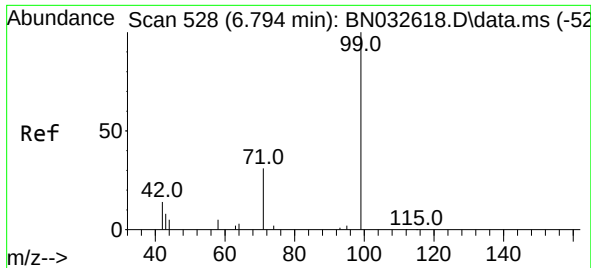
Tgt Ion: 42 Resp: 1065
Ion Ratio Lower Upper
42 100
74 1.4 126.9 190.3#
44 176.5 4.8 7.2#



#4
2-Fluorophenol
Concen: 0.084 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.037 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

Tgt Ion: 112 Resp: 500
Ion Ratio Lower Upper
112 100
64 73.4 40.2 60.4#
63 45.8 22.2 33.4#





#5

Phenol-d6

Concen: 0.013 ng

RT: 6.788 min Scan# 541

Delta R.T. 0.008 min

Lab File: BN033045.D

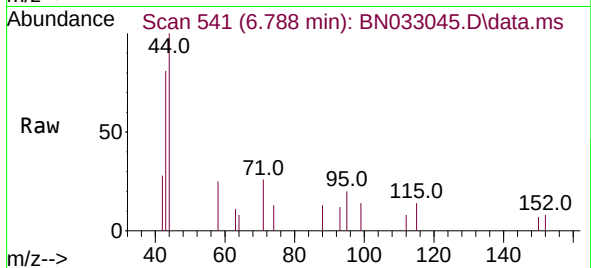
Acq: 27 Jul 2024 22:40

Instrument :

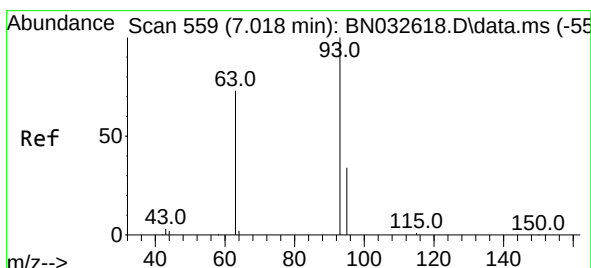
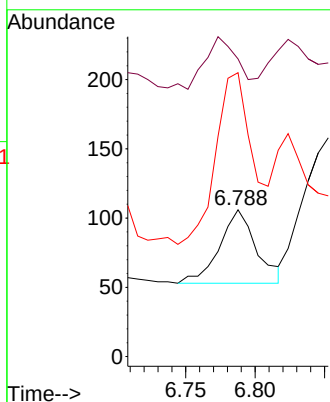
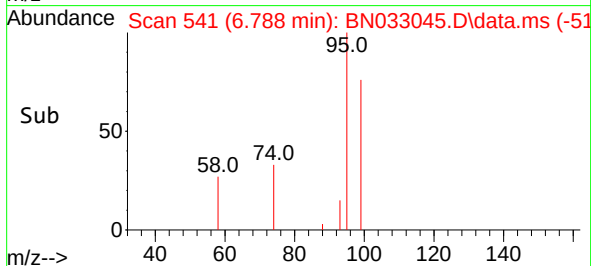
BNA_N

ClientSampleId :

BP-VPB-189-GW-923-925



Tgt Ion:	99	Resp:	97
Ion	Ratio	Lower	Upper
99	100		
42	58.8	10.5	15.7#
71	238.1	22.3	33.5#



#6

bis(2-Chloroethyl)ether

Concen: 0.027 ng

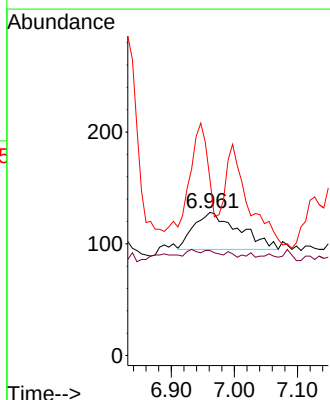
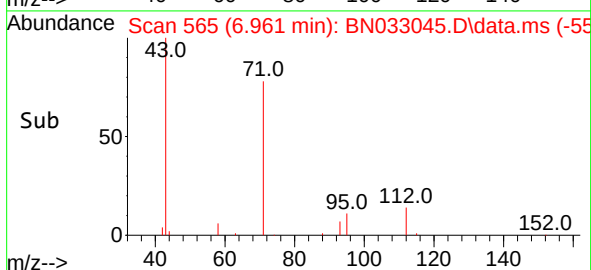
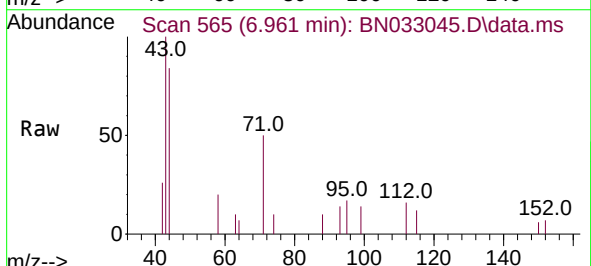
RT: 6.961 min Scan# 565

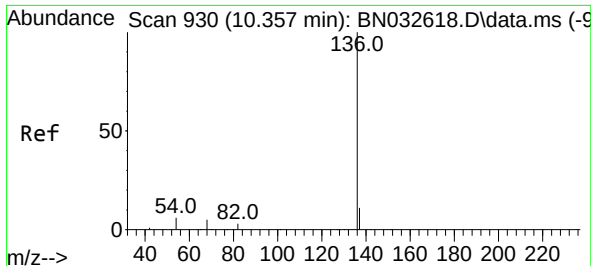
Delta R.T. -0.028 min

Lab File: BN033045.D

Acq: 27 Jul 2024 22:40

Tgt Ion:	93	Resp:	165
Ion	Ratio	Lower	Upper
93	100		
63	0.0	46.4	69.6#
95	106.7	25.5	38.3#

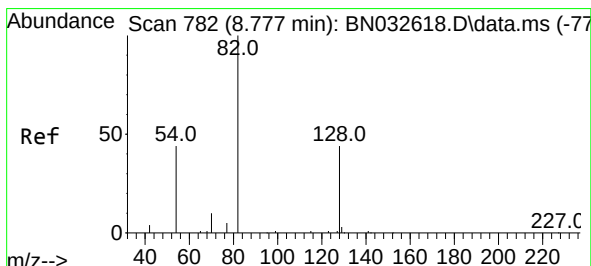
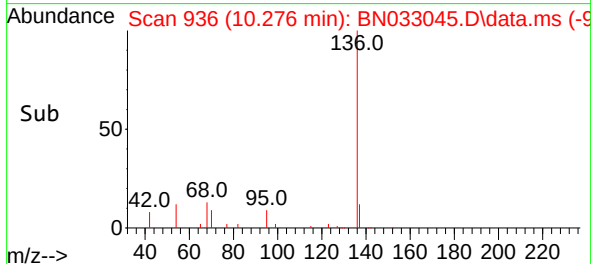
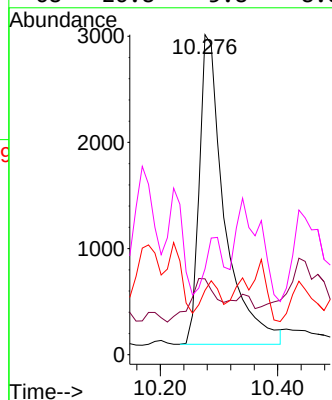
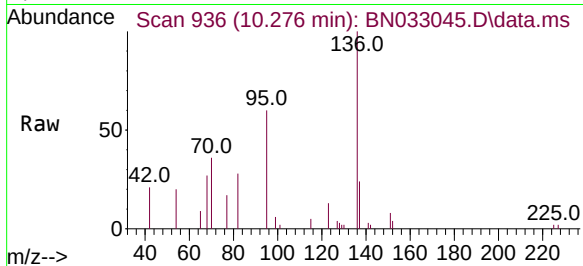




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.276 min Scan# 91
Delta R.T. -0.028 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

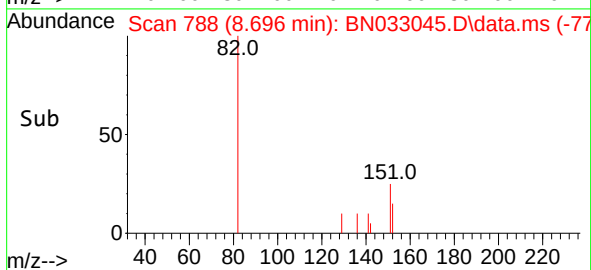
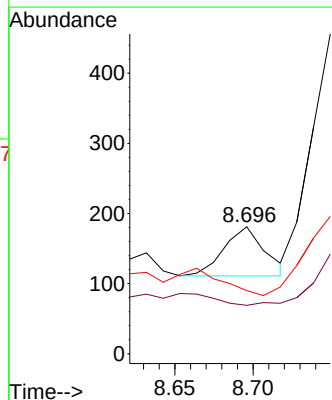
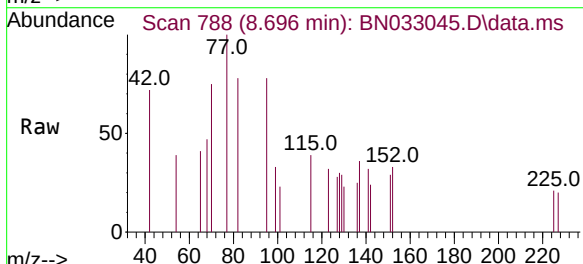
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-923-925

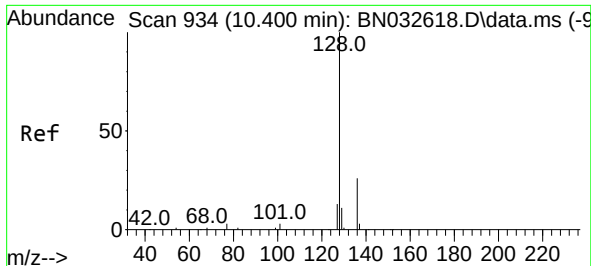
Tgt Ion:	136	Resp:	8693
Ion	Ratio	Lower	Upper
136	100		
137	23.7	9.9	14.9#
54	20.1	6.5	9.7#
68	26.8	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.019 ng
RT: 8.696 min Scan# 788
Delta R.T. -0.038 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

Tgt Ion:	82	Resp:	127
Ion	Ratio	Lower	Upper
82	100		
128	38.1	41.7	62.5#
54	49.7	39.5	59.3

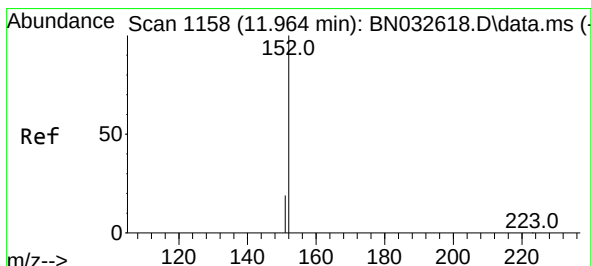
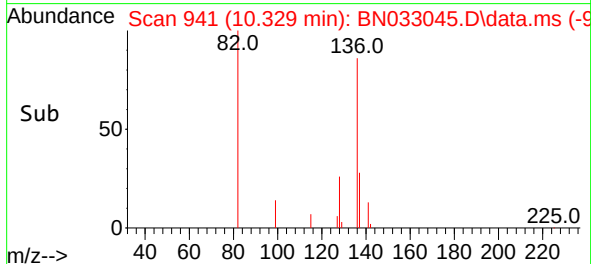
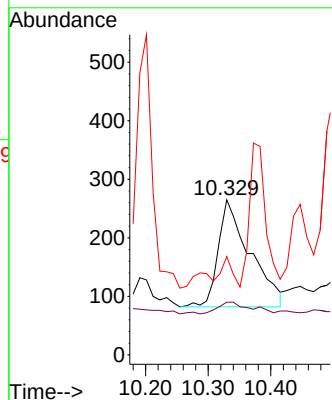
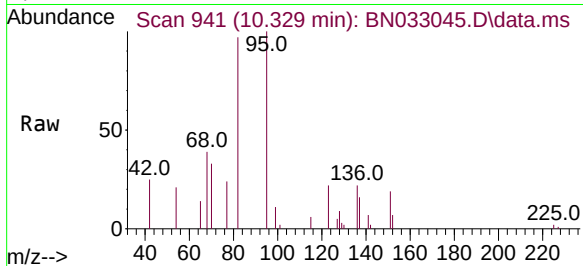




#9
Naphthalene
Concen: 0.027 ng
RT: 10.329 min Scan# 941
Delta R.T. -0.028 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

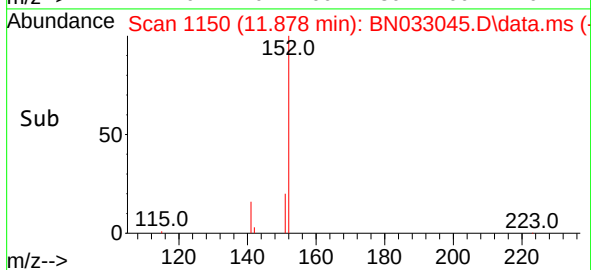
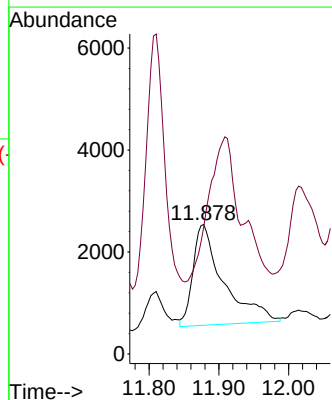
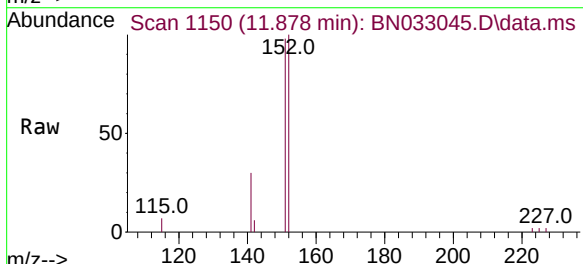
Instrument :
BNA_N
ClientSampleId :
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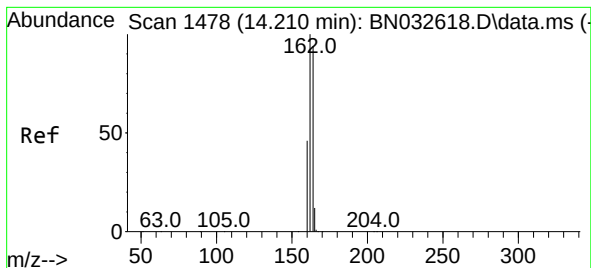
Tgt Ion:128 Resp: 646
Ion Ratio Lower Upper
128 100
129 34.0 9.8 14.8#
127 63.4 11.5 17.3#



#11
2-Methylnaphthalene-d10
Concen: 0.453 ng
RT: 11.878 min Scan# 1150
Delta R.T. -0.036 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

Tgt Ion:152 Resp: 6019
Ion Ratio Lower Upper
152 100
151 0.0 16.2 24.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.154 min Scan# 1478

Delta R.T. -0.024 min

Lab File: BN033045.D

Acq: 27 Jul 2024 22:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-923-925

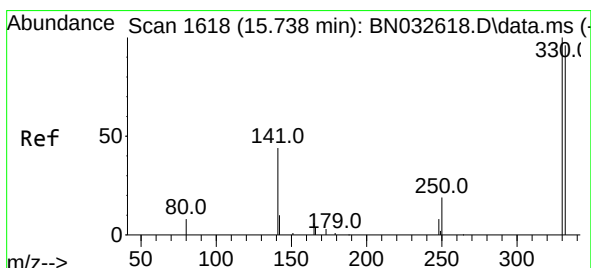
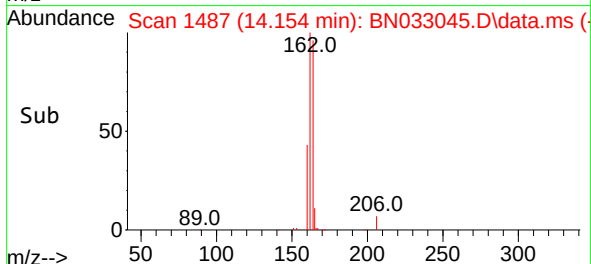
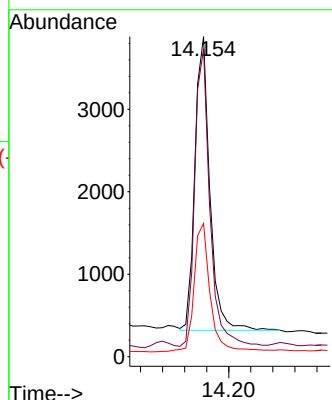
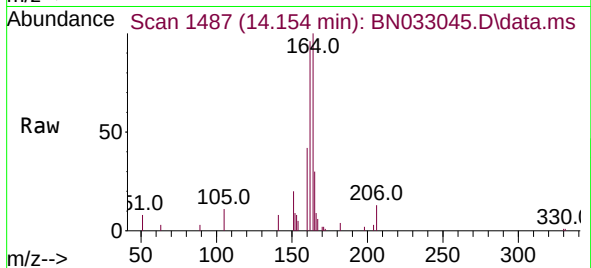
Tgt Ion:164 Resp: 6691

Ion Ratio Lower Upper

164 100

162 96.2 85.0 127.4

160 41.7 39.4 59.2



#14

2,4,6-Tribromophenol

Concen: 0.124 ng

RT: 15.698 min Scan# 1629

Delta R.T. -0.027 min

Lab File: BN033045.D

Acq: 27 Jul 2024 22:40

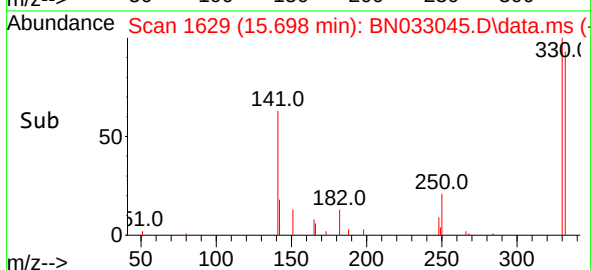
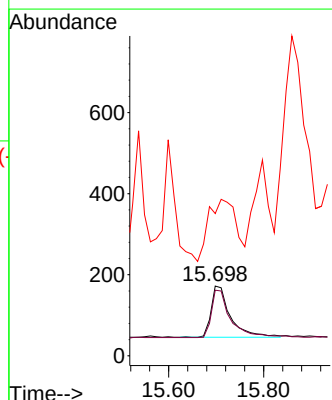
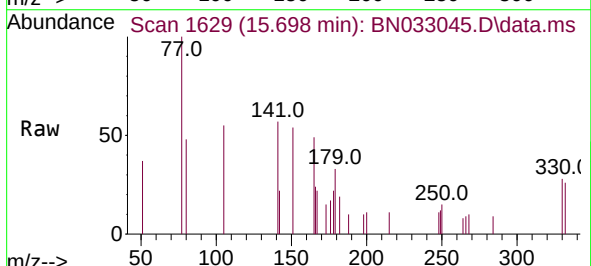
Tgt Ion:330 Resp: 356

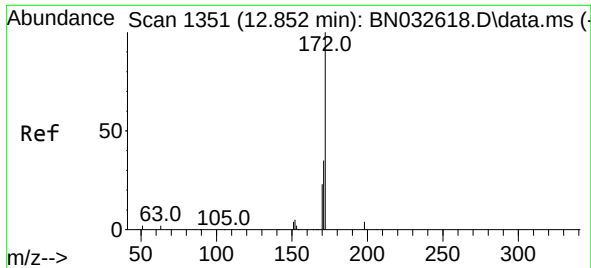
Ion Ratio Lower Upper

330 100

332 92.4 77.8 116.8

141 172.5 34.2 51.2#

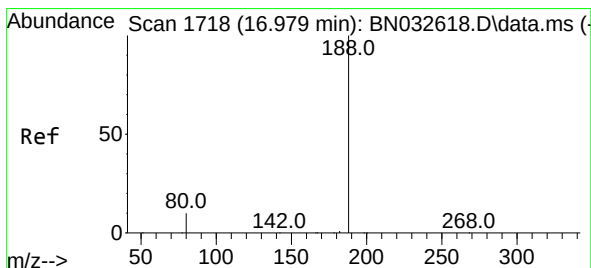
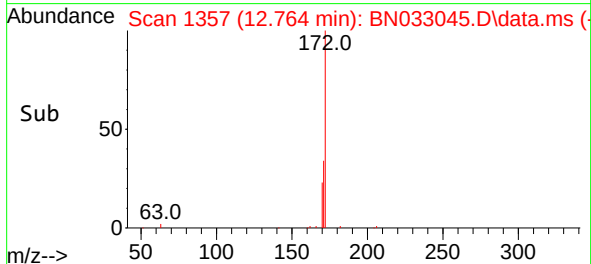
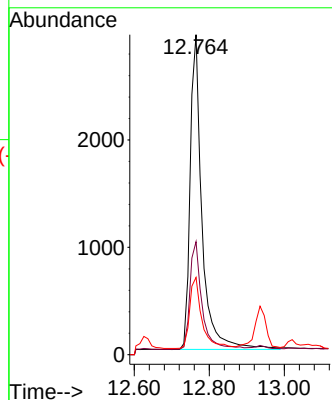
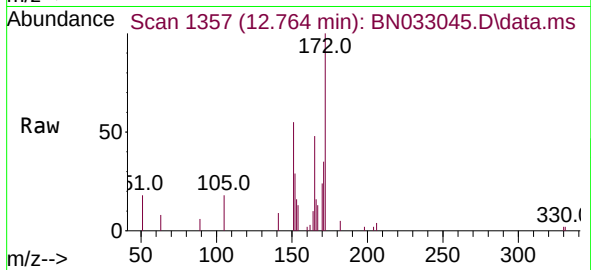




#15
2-Fluorobiphenyl
Concen: 0.256 ng
RT: 12.764 min Scan# 11
Delta R.T. -0.045 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

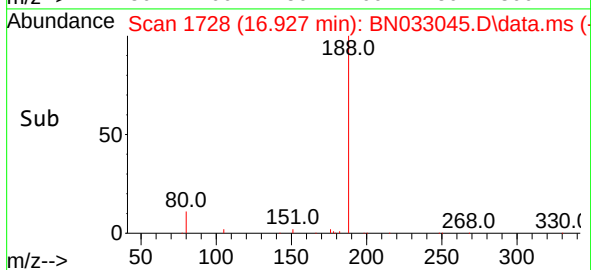
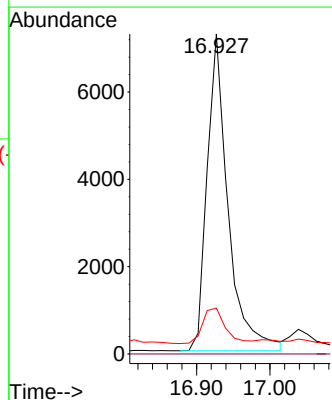
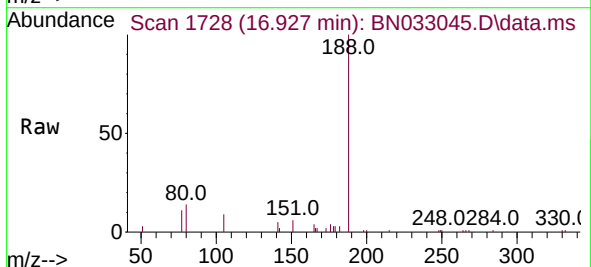
Instrument :
BNA_N
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BP-VPB-189-GW-923-925

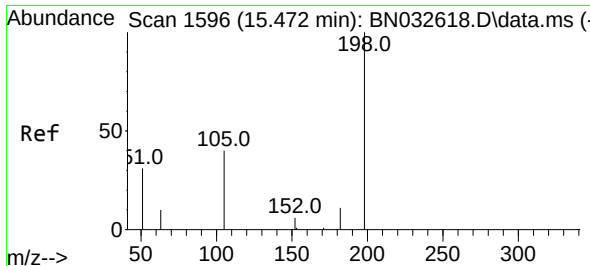
Tgt Ion:172 Resp: 6378
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.2 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.927 min Scan# 1728
Delta R.T. -0.027 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

Tgt Ion:188 Resp: 14383
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 8.8 13.2#

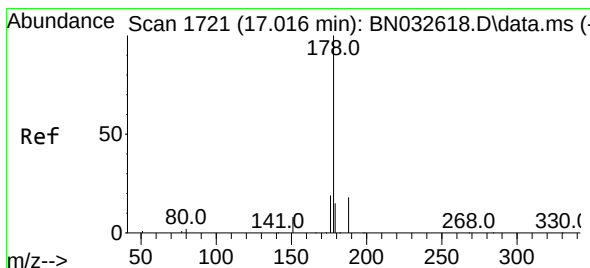
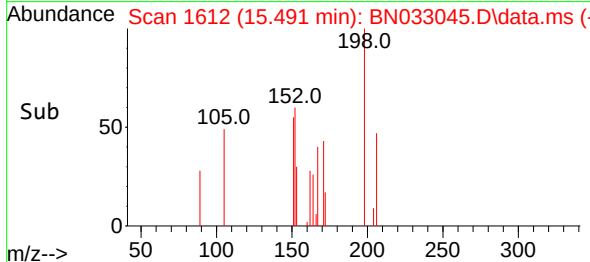
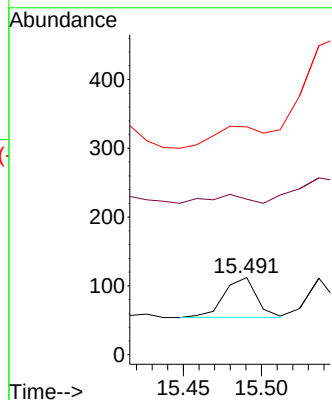
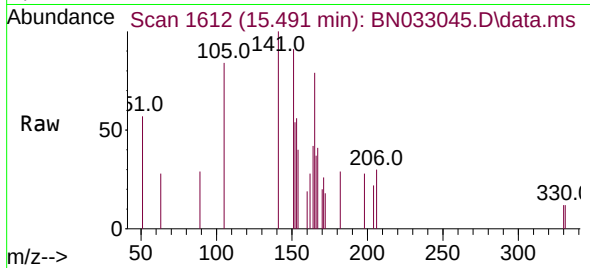




#20
4,6-Dinitro-2-methylphenol
Concen: 0.320 ng
RT: 15.491 min Scan# 1
Delta R.T. 0.019 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

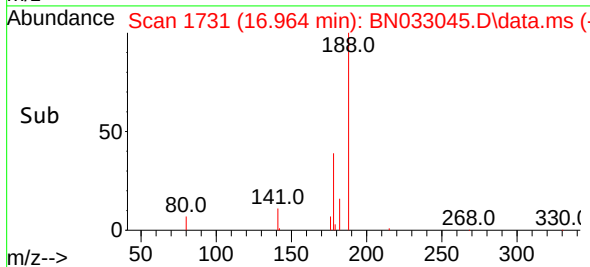
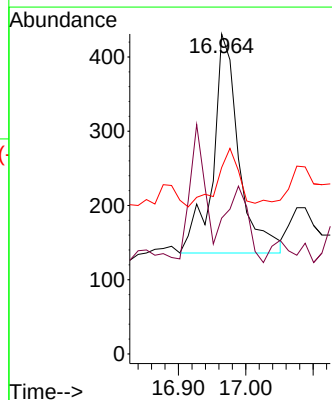
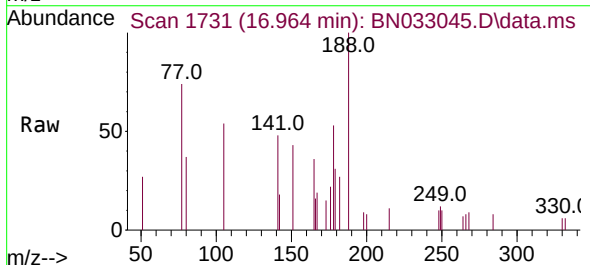
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-923-925

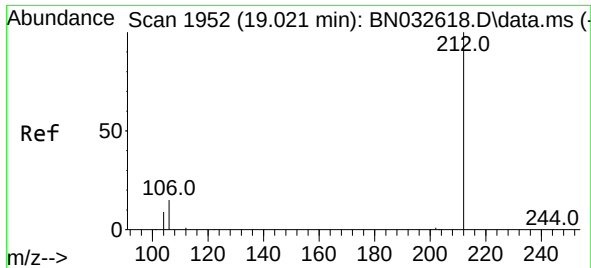
Tgt Ion:198 Resp: 84
Ion Ratio Lower Upper
198 100
51 201.8 105.7 158.5#
105 295.5 63.0 94.6#



#25
Phenanthrene
Concen: 0.020 ng
RT: 16.964 min Scan# 1731
Delta R.T. -0.027 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

Tgt Ion:178 Resp: 790
Ion Ratio Lower Upper
178 100
176 0.0 15.1 22.7#
179 22.4 12.2 18.4#

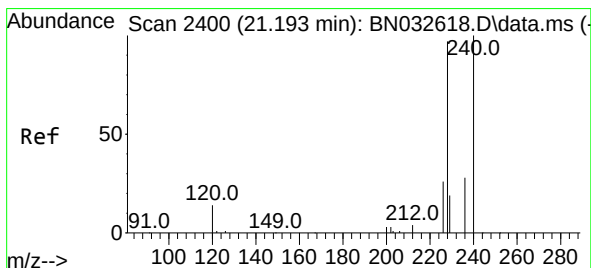
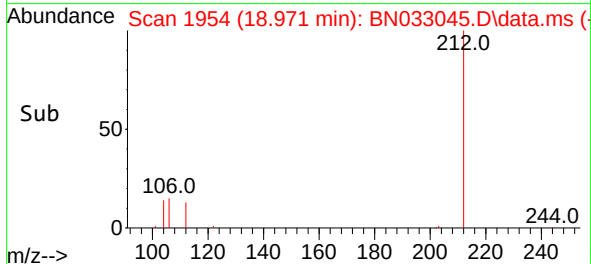
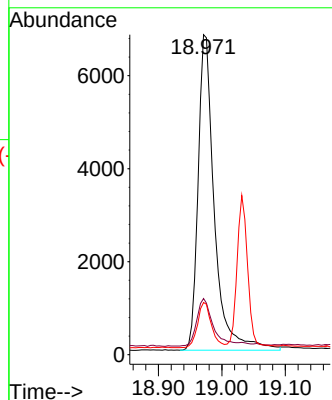
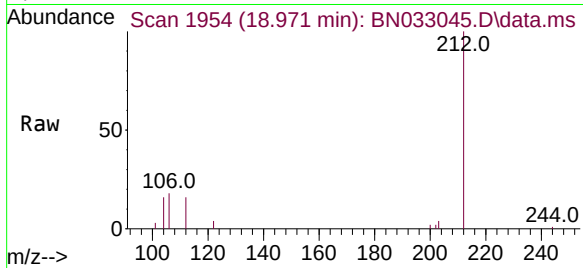




#27
Fluoranthene-d10
Concen: 0.325 ng
RT: 18.971 min Scan# 1954
Delta R.T. -0.022 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

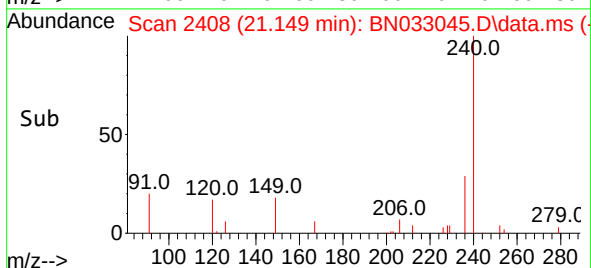
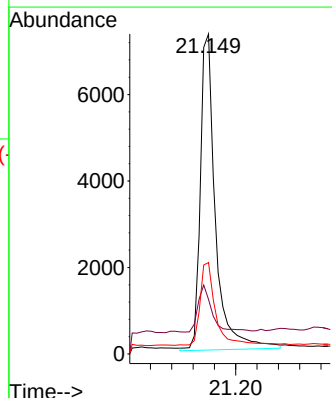
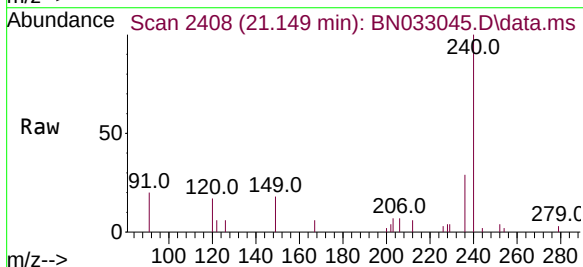
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-923-925

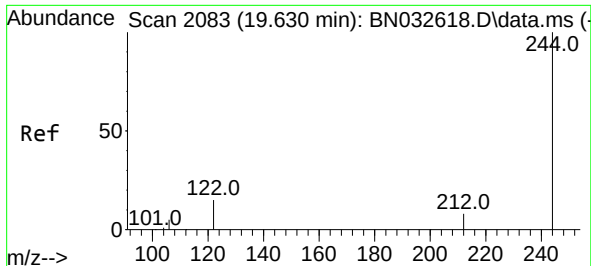
Tgt Ion:212 Resp: 12112
Ion Ratio Lower Upper
212 100
106 16.2 11.9 17.9
104 12.2 6.9 10.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.149 min Scan# 2408
Delta R.T. -0.017 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

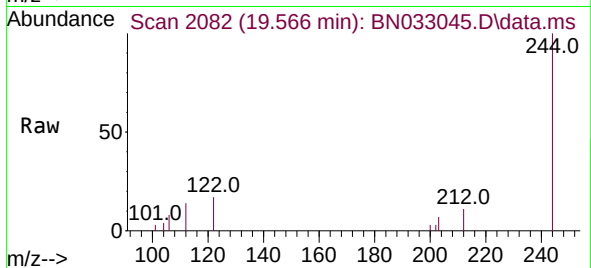
Tgt Ion:240 Resp: 14424
Ion Ratio Lower Upper
240 100
120 17.1 14.8 22.2
236 28.5 23.3 34.9



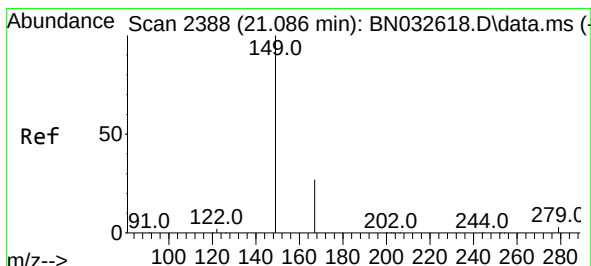
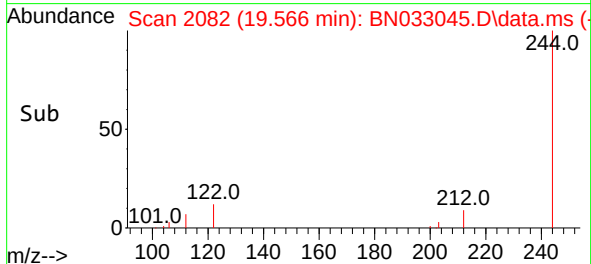
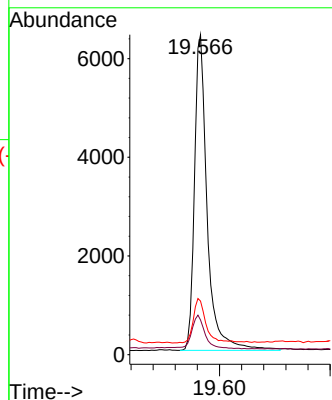


#31
Terphenyl-d14
Concen: 0.347 ng
RT: 19.566 min Scan# 2082
Delta R.T. -0.027 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-923-925

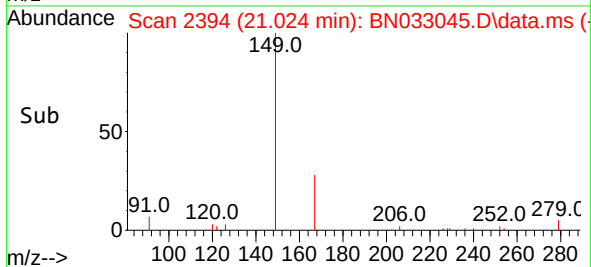
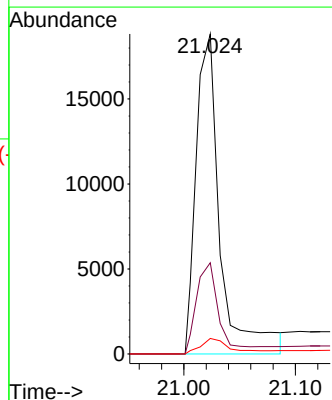
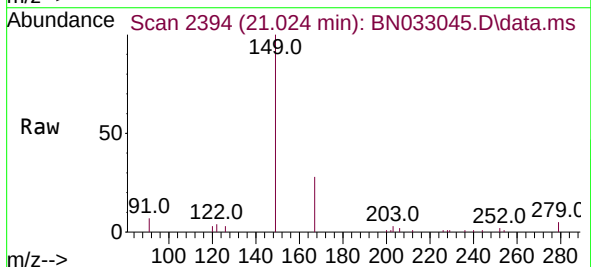


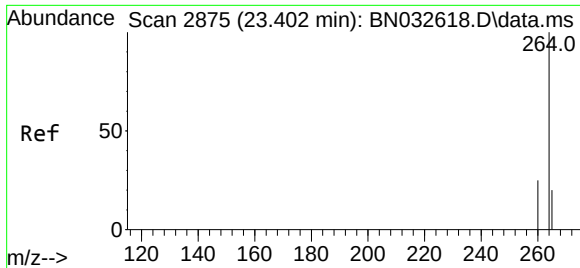
Tgt Ion:244 Resp: 10248
Ion Ratio Lower Upper
244 100
212 10.8 7.5 11.3
122 16.7 12.6 19.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.037 ng
RT: 21.024 min Scan# 2394
Delta R.T. -0.026 min
Lab File: BN033045.D
Acq: 27 Jul 2024 22:40

Tgt Ion:149 Resp: 26183
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.2
279 6.3 2.8 4.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.327 min Scan# 21

Delta R.T. -0.031 min

Lab File: BN033045.D

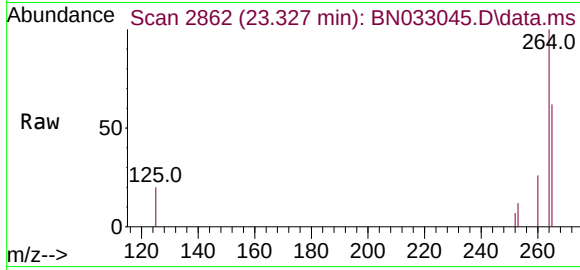
Acq: 27 Jul 2024 22:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-923-925



Tgt Ion:264 Resp: 14907

Ion Ratio Lower Upper

264 100

260 26.0 20.9 31.3

265 61.7 85.4 128.2#

