

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032070.D
 Acq On : 19 Jun 2024 15:41
 Operator : MA/JU
 Sample : P2928-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-560-562

Quant Time: Jun 19 16:07:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

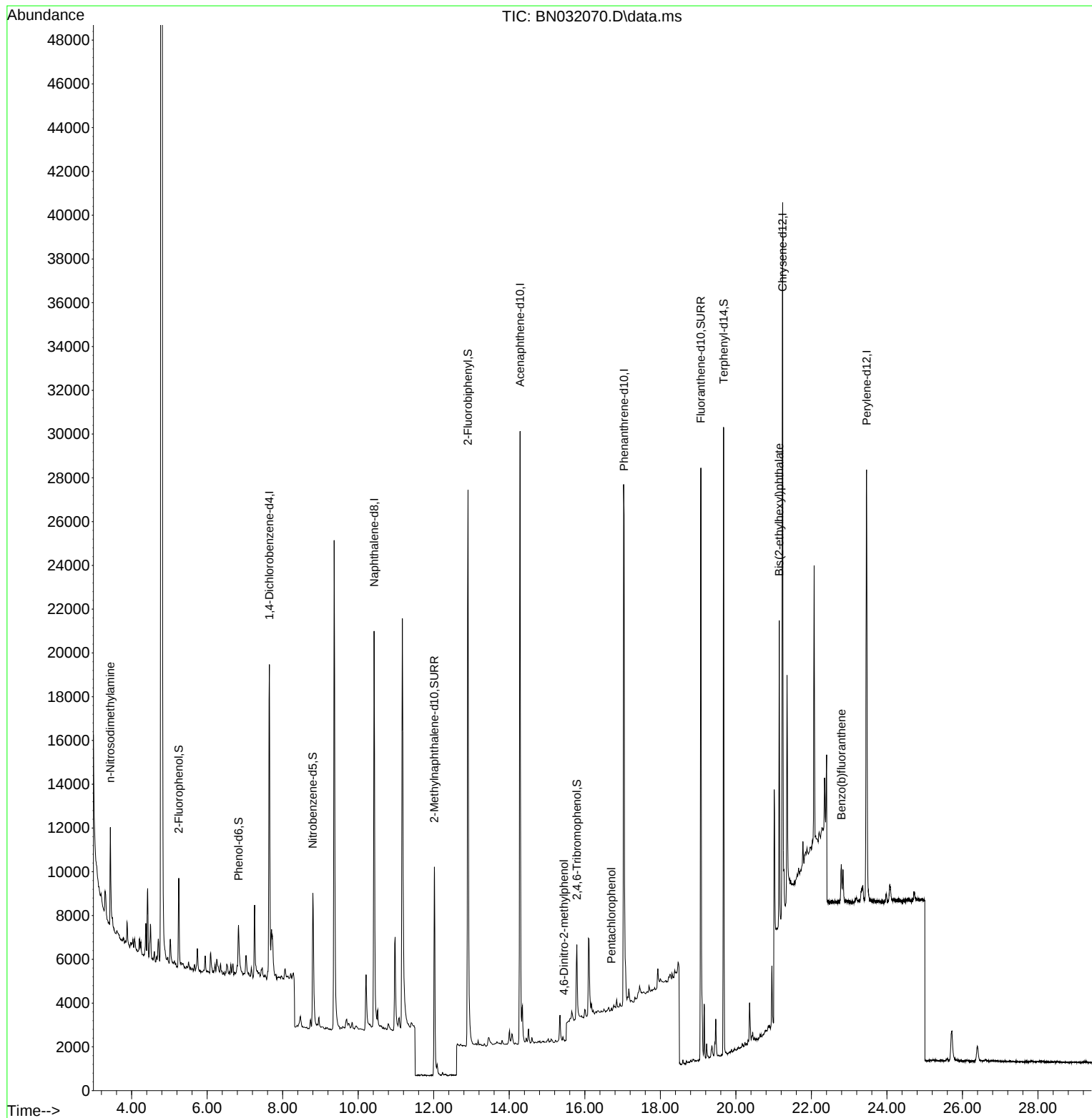
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	7859	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	26536	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	17524	0.400	ng	0.00
19) Phenanthrene-d10	17.041	188	39093	0.400	ng	0.01
29) Chrysene-d12	21.238	240	31140	0.400	ng	0.00
35) Perylene-d12	23.461	264	26754	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3790	0.170	ng	0.00
5) Phenol-d6	6.830	99	3450	0.118	ng	0.00
8) Nitrobenzene-d5	8.798	82	6739	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.017	152	14816	0.351	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	2428	0.289	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	27773	0.418	ng	0.00
27) Fluoranthene-d10	19.073	212	32099	0.302	ng	0.00
31) Terphenyl-d14	19.676	244	28922	0.380	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.436	42	905	0.099	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.450	198	5	0.175	ng	# 1
24) Pentachlorophenol	16.706	266	59	0.174	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.148	149	11502	0.144	ng	99
37) Benzo(b)fluoranthene	22.791	252	2154	0.022	ng	# 1

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

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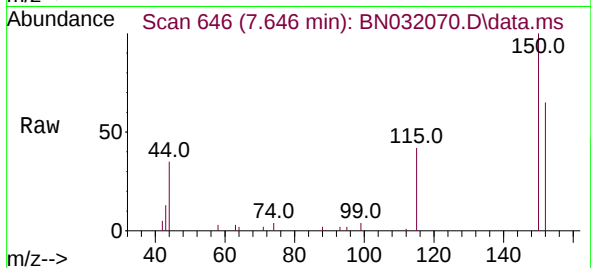
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



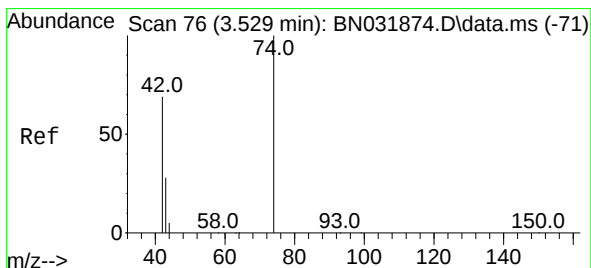
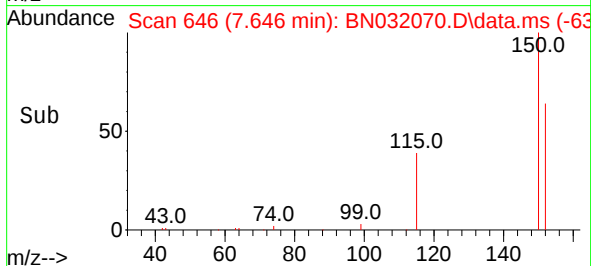
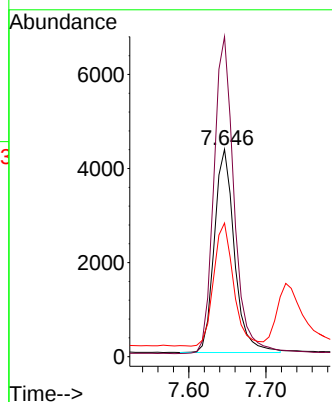


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-560-562

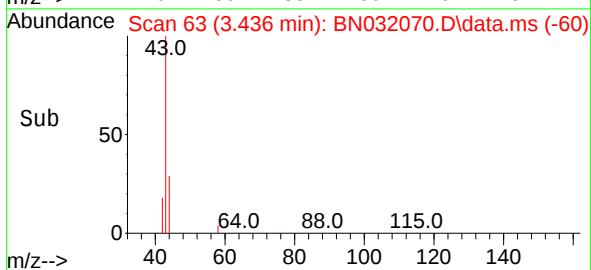
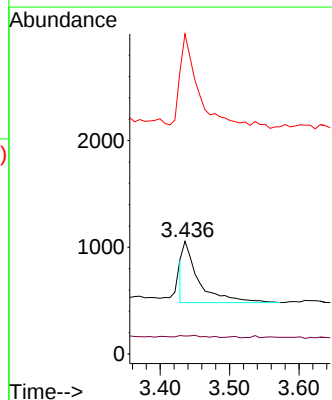
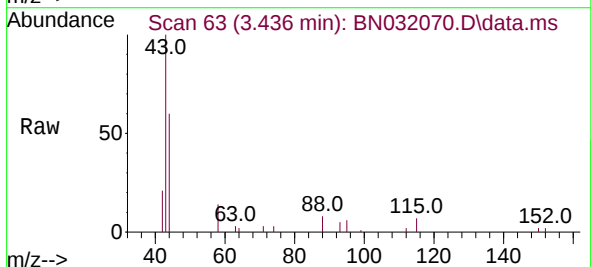


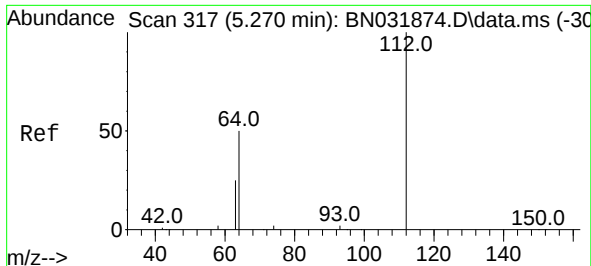
Tgt Ion:152 Resp: 7859
Ion Ratio Lower Upper
152 100
150 154.3 121.0 181.4
115 64.5 49.4 74.0



#3
n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.436 min Scan# 63
Delta R.T. -0.079 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Tgt Ion: 42 Resp: 905
Ion Ratio Lower Upper
42 100
74 0.0 125.2 187.8#
44 135.6 6.9 10.3#

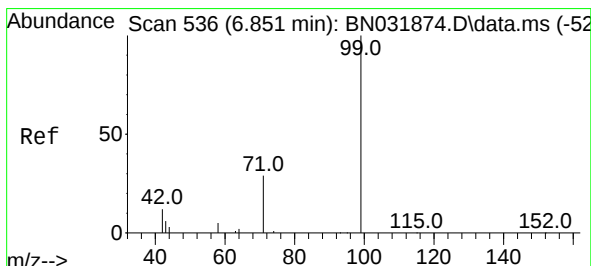
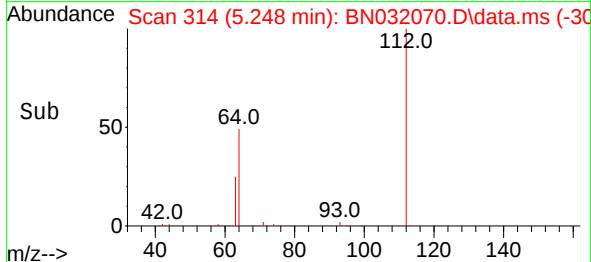
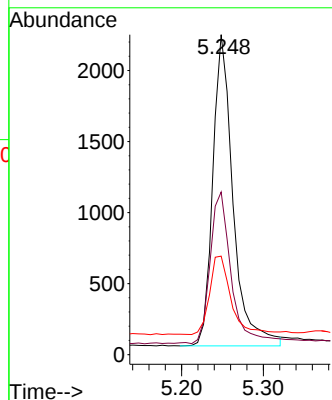
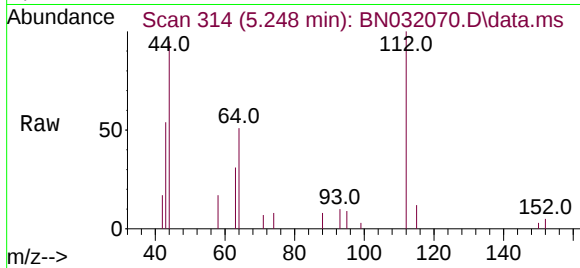




#4
2-Fluorophenol
Concen: 0.170 ng
RT: 5.248 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

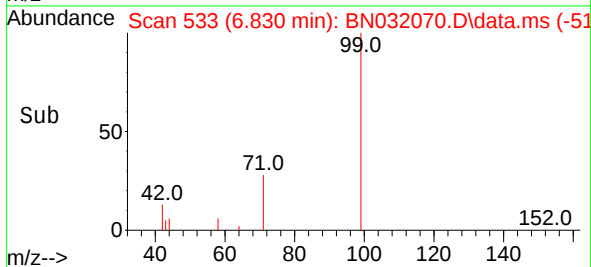
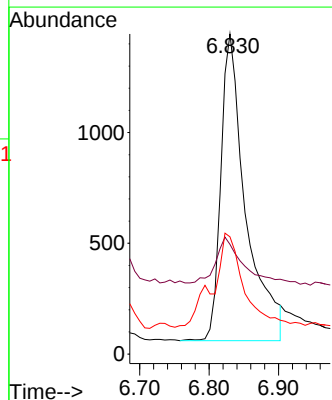
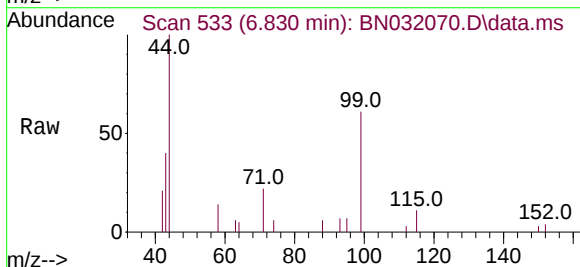
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-560-562

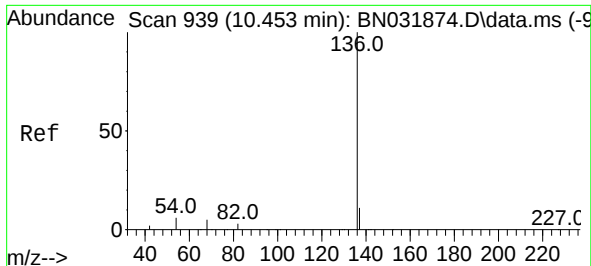
Tgt Ion:112 Resp: 3790
Ion Ratio Lower Upper
112 100
64 50.0 42.4 63.6
63 26.3 22.1 33.1



#5
Phenol-d6
Concen: 0.118 ng
RT: 6.830 min Scan# 533
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Tgt Ion: 99 Resp: 3450
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 38.1 25.4 38.2

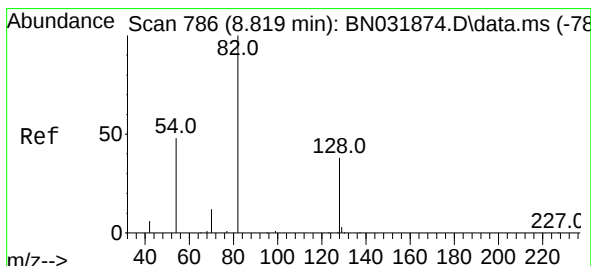
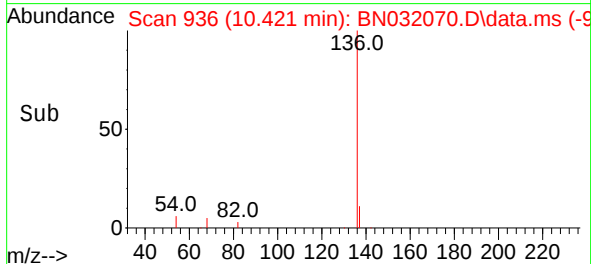
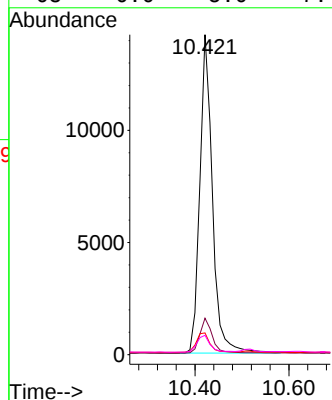
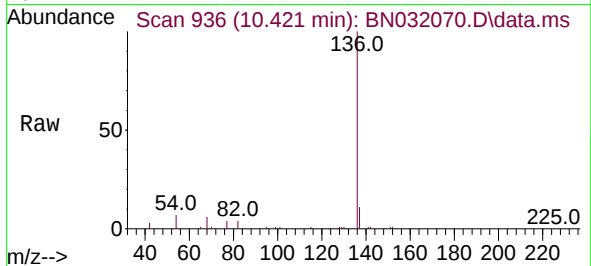




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

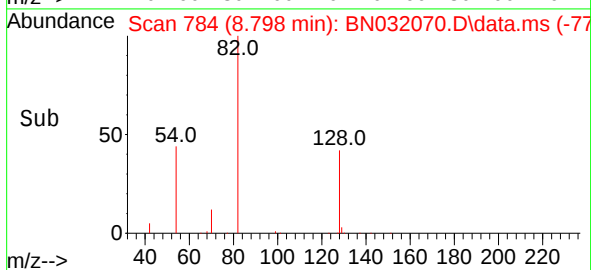
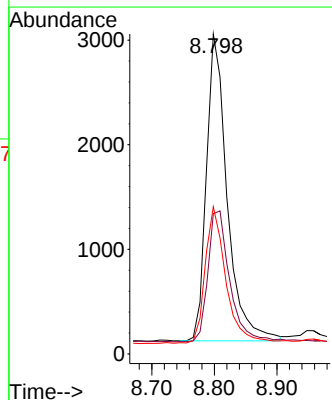
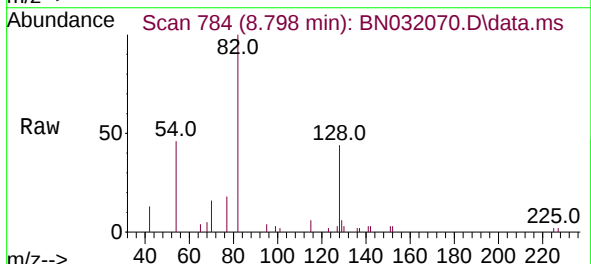
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-560-562

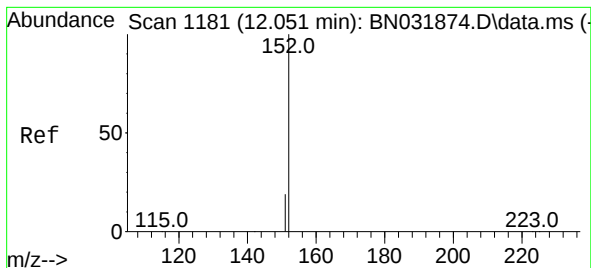
Tgt Ion:	136	Resp:	26536
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	6.8	5.6	8.4
68	6.0	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Tgt Ion:	82	Resp:	6739
Ion Ratio	Lower	Upper	
82	100		
128	43.9	32.1	48.1
54	46.0	39.7	59.5

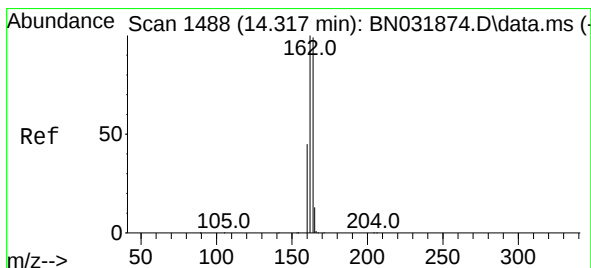
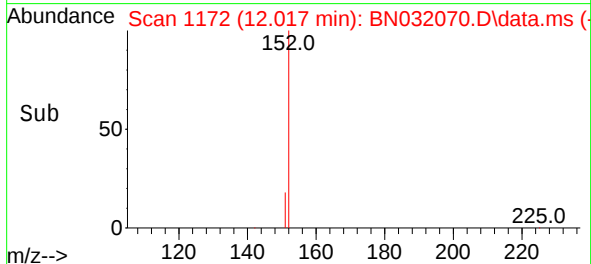
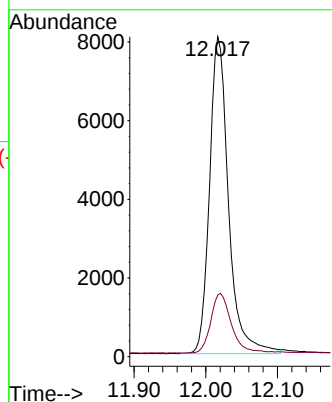
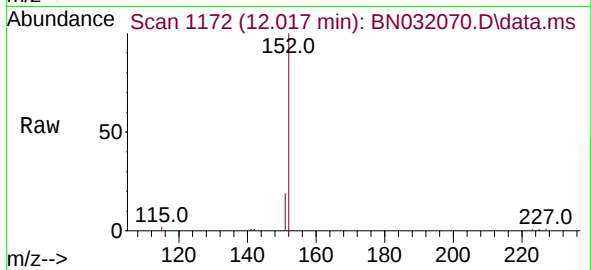




#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.017 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

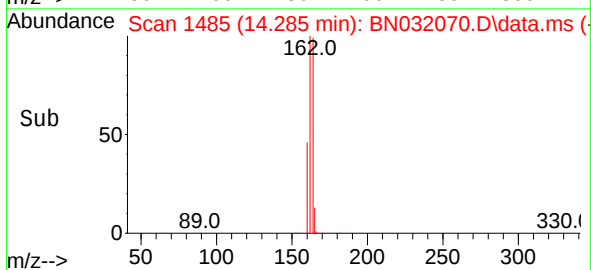
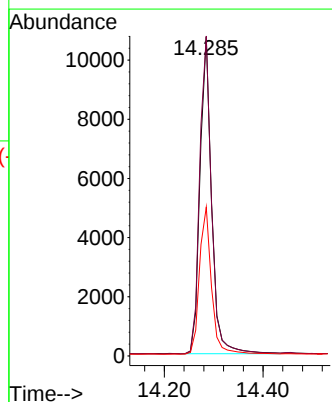
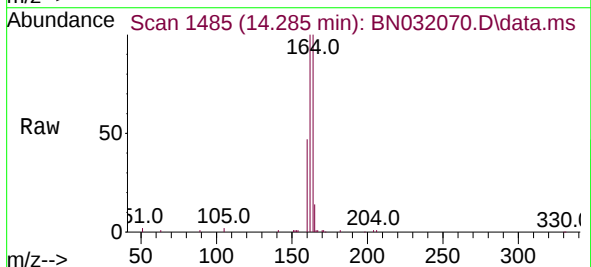
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-560-562

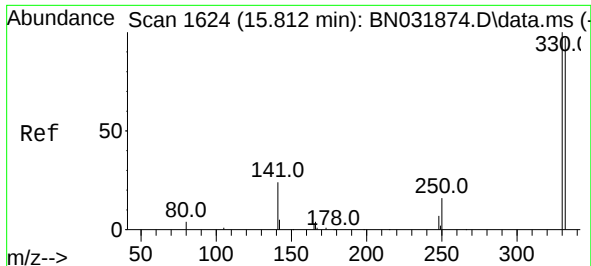
Tgt Ion:152 Resp: 14816
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.285 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

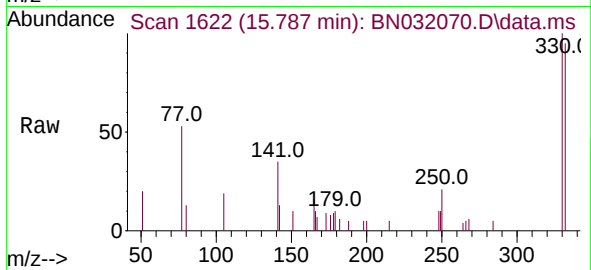
Tgt Ion:164 Resp: 17524
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 46.6 36.2 54.4



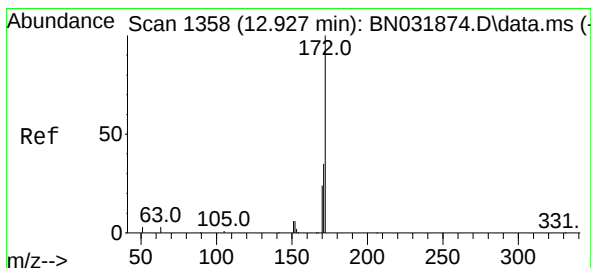
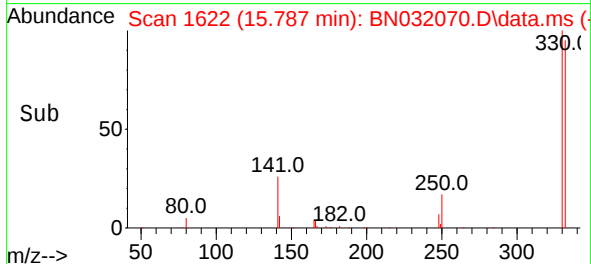
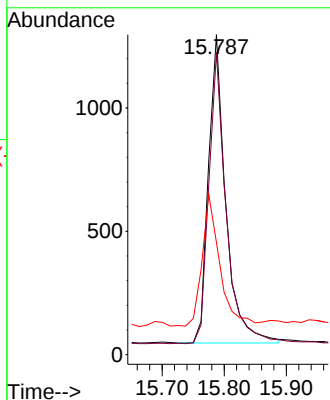


#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-560-562

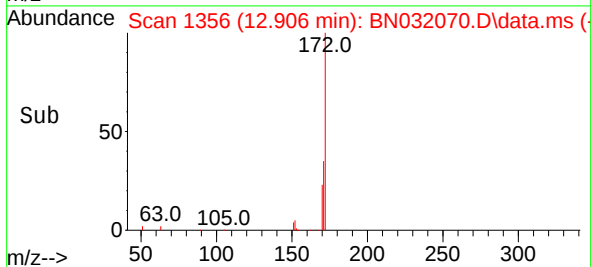
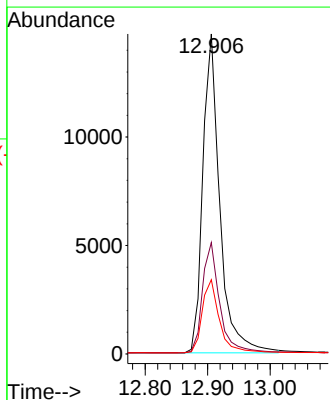
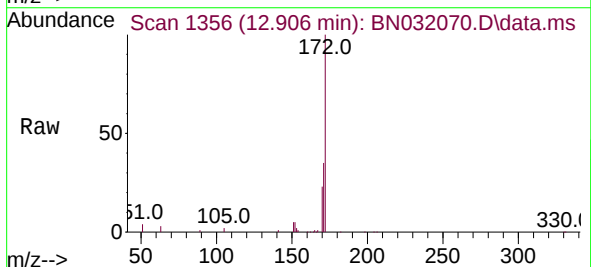


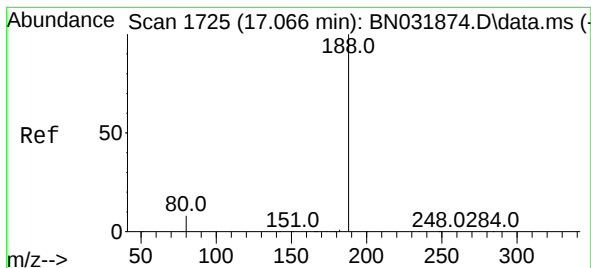
Tgt Ion:330 Resp: 2428
Ion Ratio Lower Upper
330 100
332 94.5 77.5 116.3
141 43.7 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.906 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Tgt Ion:172 Resp: 27773
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.2 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.041 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-560-562

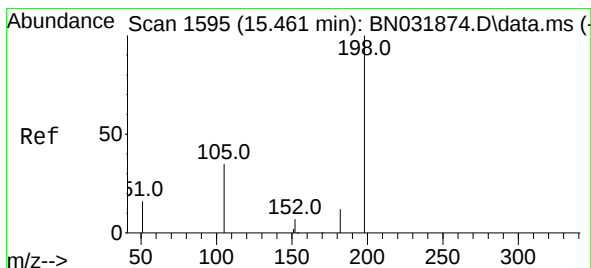
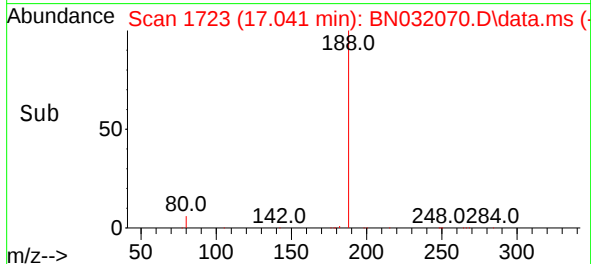
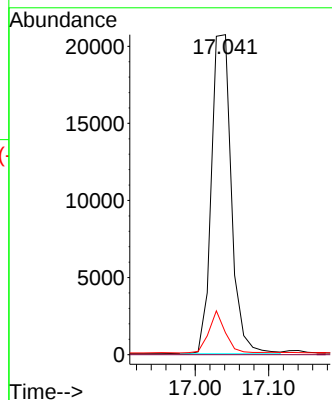
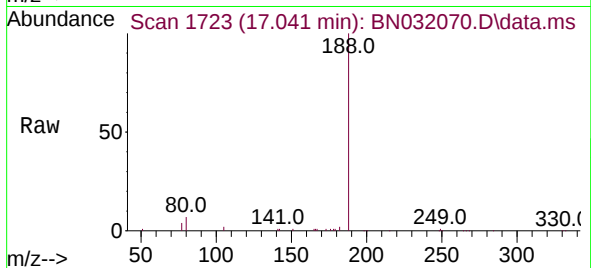
Tgt Ion:188 Resp: 39093

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.8 6.4 9.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.175 ng

RT: 15.450 min Scan# 1594

Delta R.T. 0.011 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

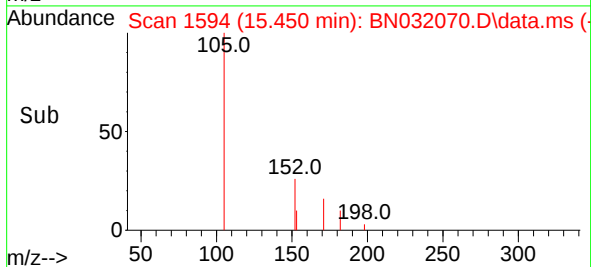
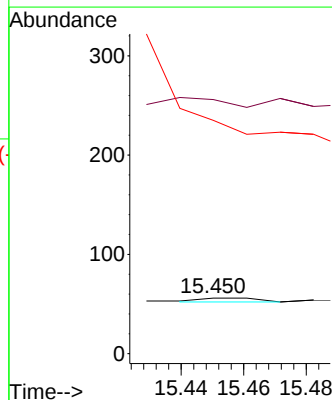
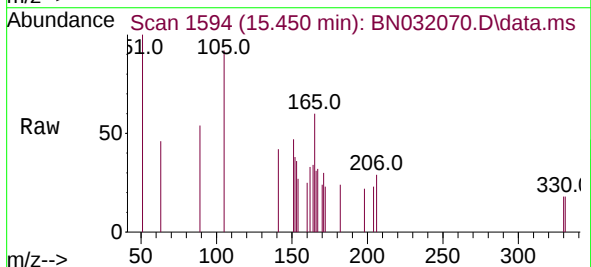
Tgt Ion:198 Resp: 5

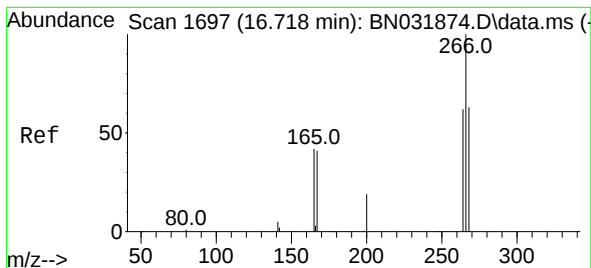
Ion Ratio Lower Upper

198 100

51 457.1 42.7 64.1#

105 419.6 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.174 ng

RT: 16.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-560-562

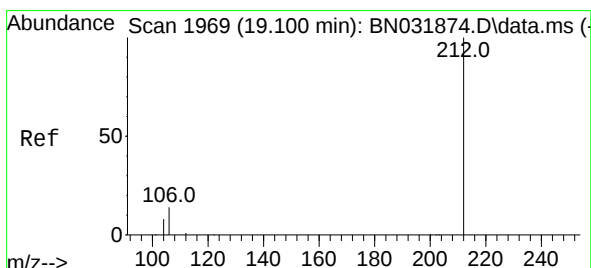
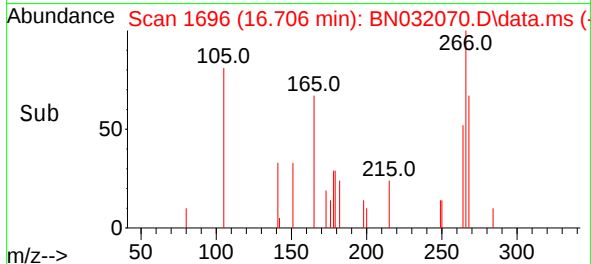
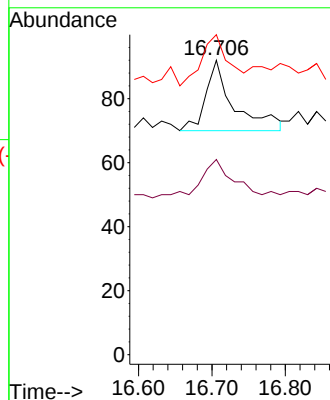
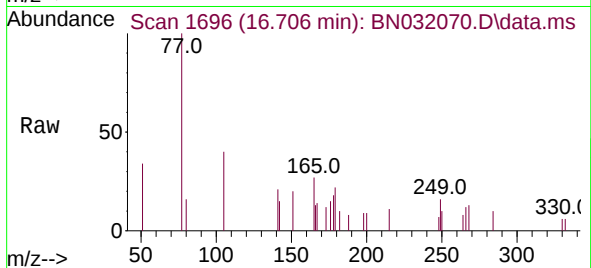
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

264 47.5 50.0 75.0#

268 69.5 51.0 76.6



#27

Fluoranthene-d10

Concen: 0.302 ng

RT: 19.073 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

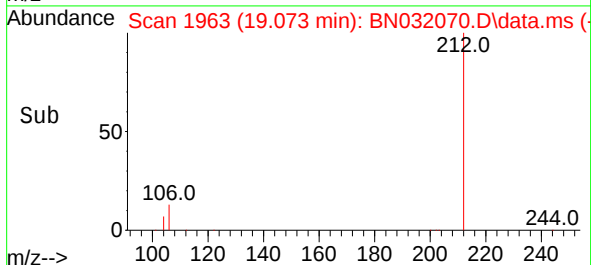
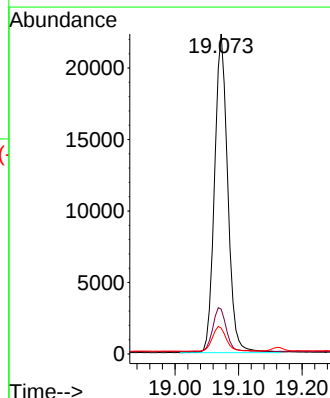
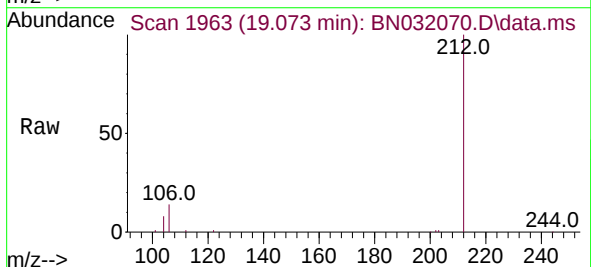
Tgt Ion:212 Resp: 32099

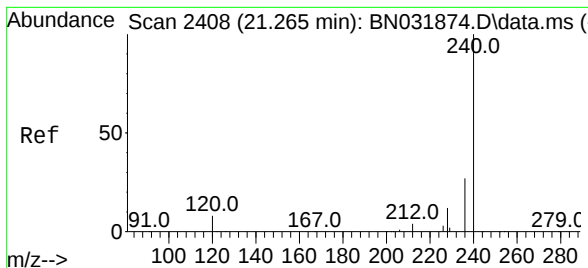
Ion Ratio Lower Upper

212 100

106 14.4 11.8 17.8

104 8.2 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.238 min Scan# 2405

Delta R.T. 0.009 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-560-562

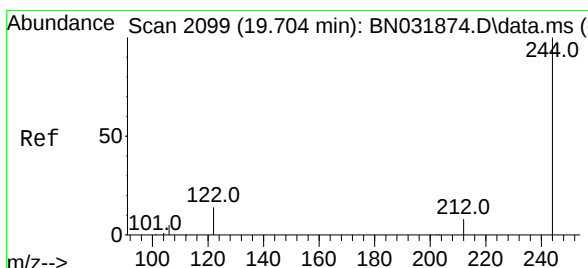
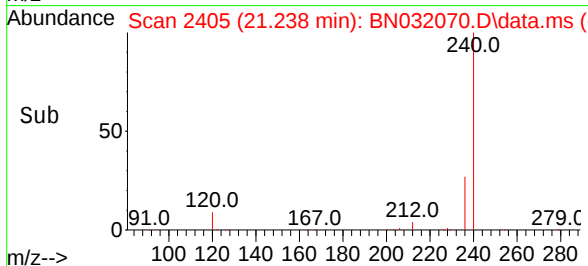
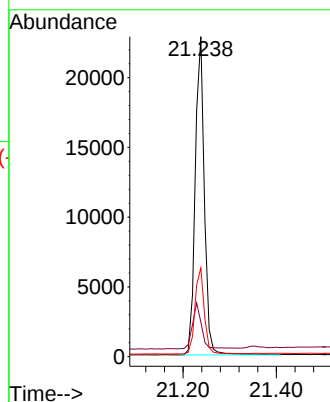
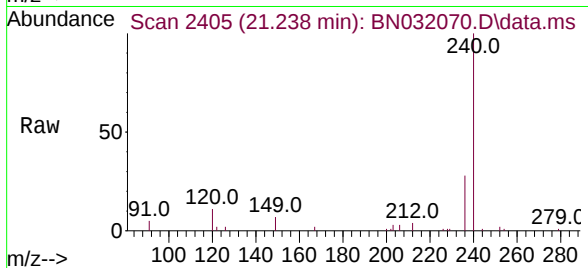
Tgt Ion:240 Resp: 31140

Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.4

236 27.8 21.8 32.8



#31

Terphenyl-d14

Concen: 0.380 ng

RT: 19.676 min Scan# 2093

Delta R.T. 0.005 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

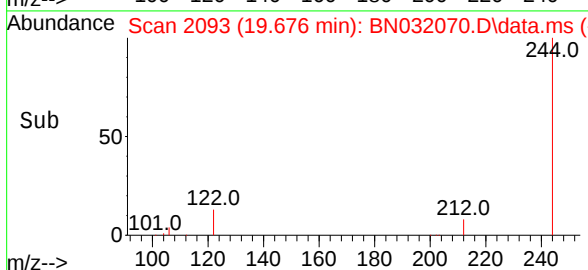
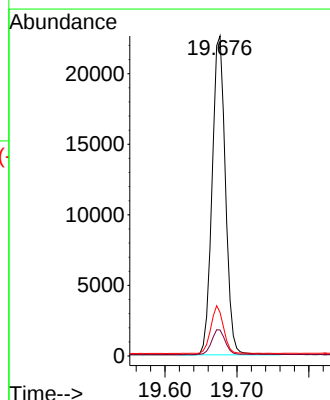
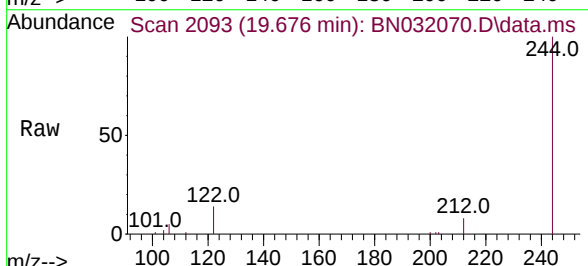
Tgt Ion:244 Resp: 28922

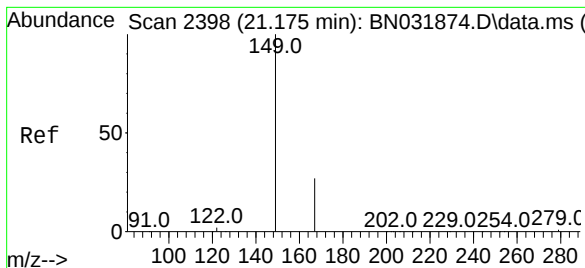
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 13.6 11.4 17.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.144 ng

RT: 21.148 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-560-562

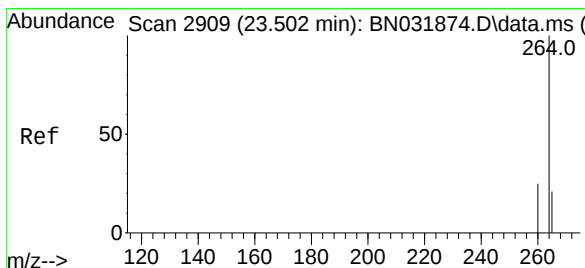
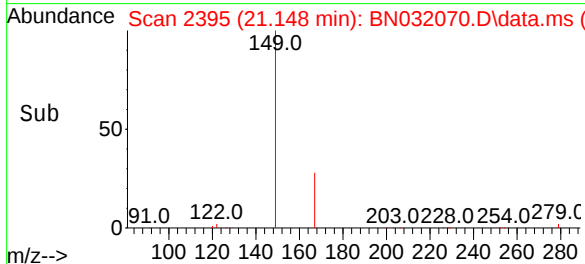
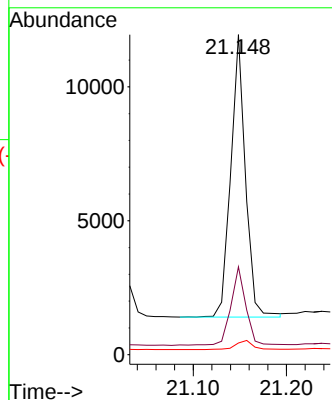
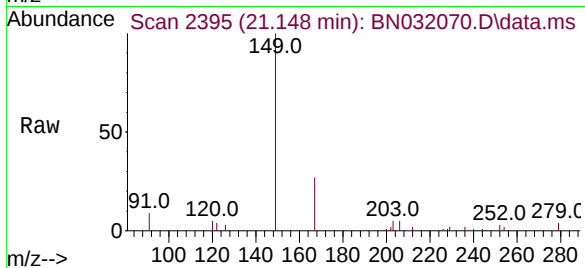
Tgt Ion:149 Resp: 11502

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

279 3.8 2.9 4.3



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.461 min Scan# 2895

Delta R.T. 0.009 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

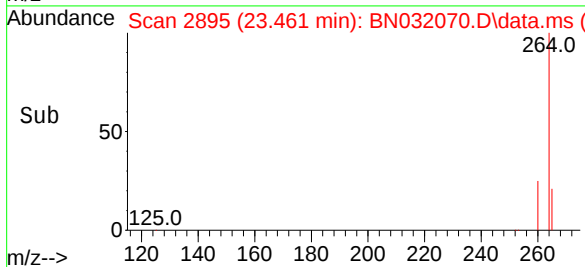
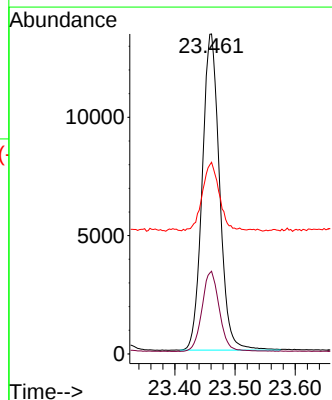
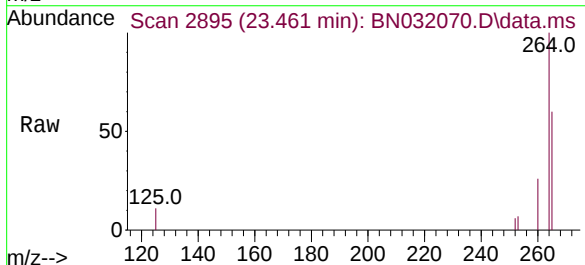
Tgt Ion:264 Resp: 26754

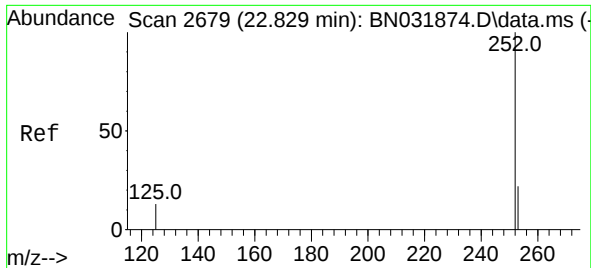
Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

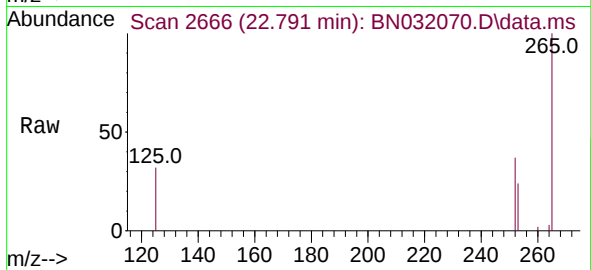
265 59.9 39.6 59.4#





#37
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 22.791 min Scan# 20
Delta R.T. 0.006 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-560-562



Tgt Ion:252 Resp: 2154
Ion Ratio Lower Upper
252 100
253 64.4 20.2 30.2#
125 88.4 14.2 21.4#

