

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
 Data File : BN029836.D
 Acq On : 16 Feb 2024 20:48
 Operator : MA/JU
 Sample : P1376-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-740-742

Quant Time: Feb 16 23:58:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

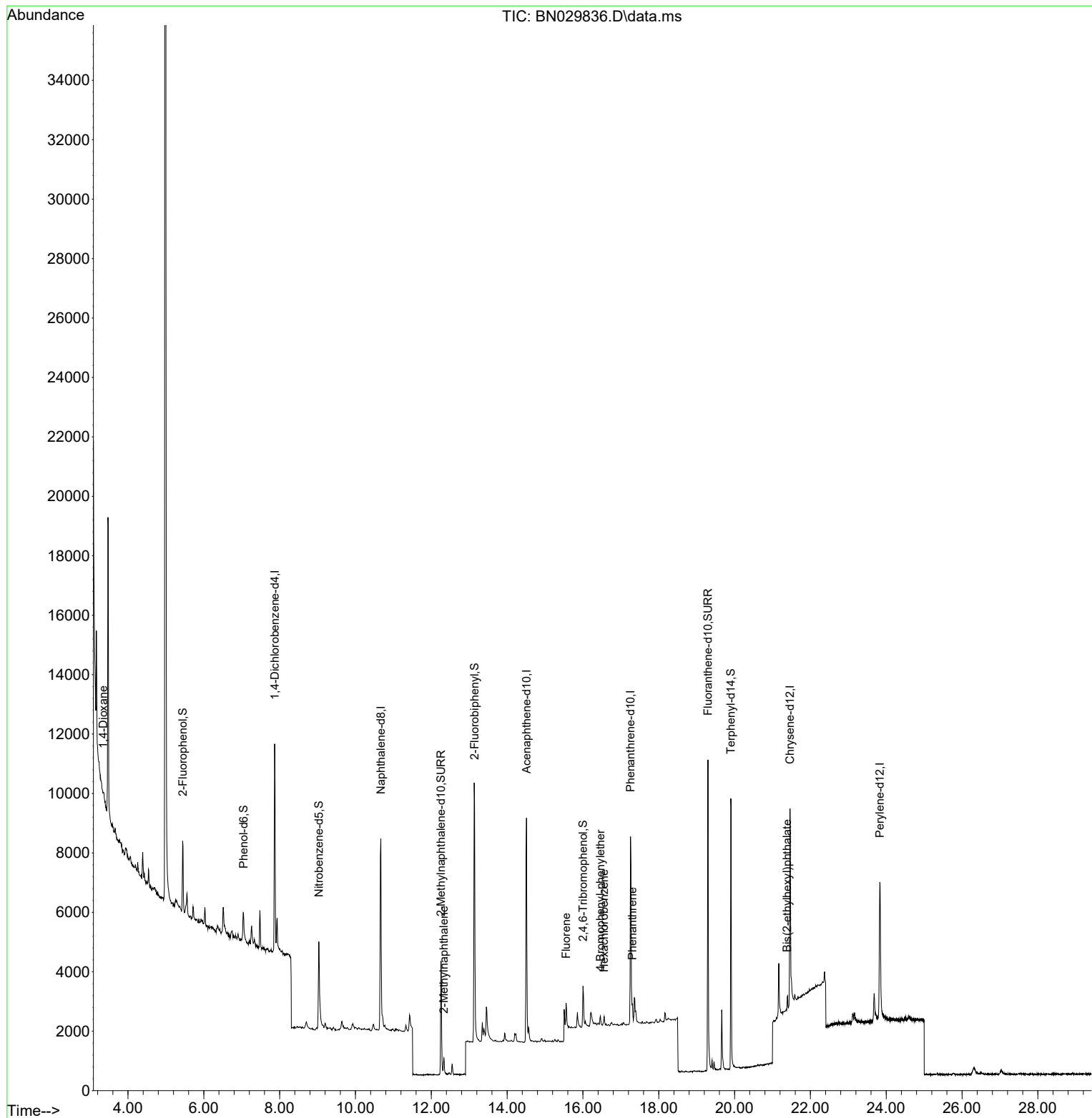
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	3588	0.400	ng	0.00
7) Naphthalene-d8	10.669	136	9859	0.400	ng	0.00
13) Acenaphthene-d10	14.511	164	4860	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	9872	0.400	ng	# 0.00
29) Chrysene-d12	21.461	240	7761	0.400	ng	0.00
35) Perylene-d12	23.831	264	7674	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	1962	0.228	ng	0.00
5) Phenol-d6	7.046	99	1344	0.135	ng	0.00
8) Nitrobenzene-d5	9.035	82	3180	0.387	ng	0.00
11) 2-Methylnaphthalene-d10	12.257	152	5666	0.422	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	880	0.564	ng	0.00
15) 2-Fluorobiphenyl	13.143	172	8853	0.424	ng	0.01
27) Fluoranthene-d10	19.299	212	12598	0.527	ng	0.00
31) Terphenyl-d14	19.903	244	9507	0.494	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	134	0.027	ng	# 25
12) 2-Methylnaphthalene	12.333	142	387	0.023	ng	# 79
18) Fluorene	15.555	166	507	0.026	ng	# 98
21) 4-Bromophenyl-phenylether	16.461	248	132	0.022	ng	88
22) Hexachlorobenzene	16.560	284	175	0.024	ng	# 93
25) Phenanthrene	17.305	178	610	0.021	ng	98
34) Bis(2-ethylhexyl)phtha...	21.389	149	659	0.036	ng	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
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Operator : MA/JU
Sample : P1376-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-740-742

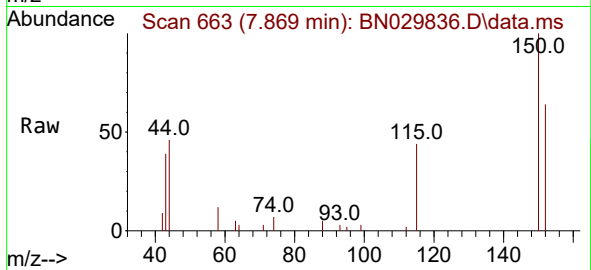
Quant Time: Feb 16 23:58:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration



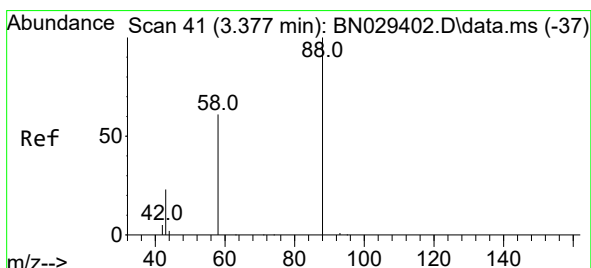
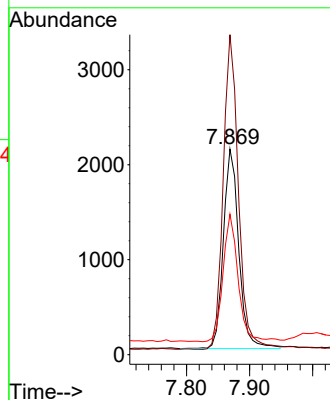
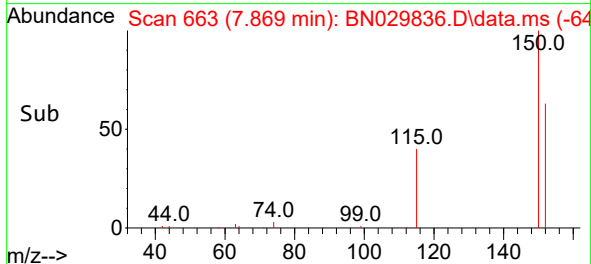


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-740-742

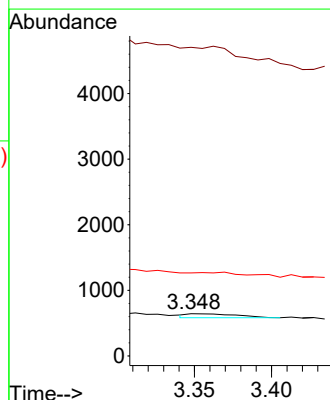
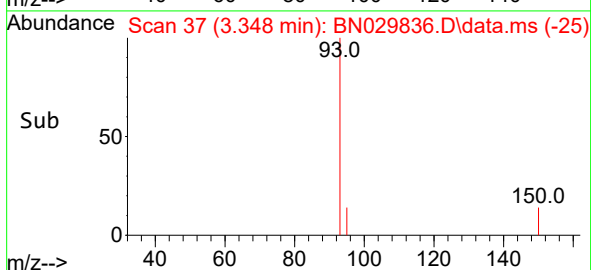
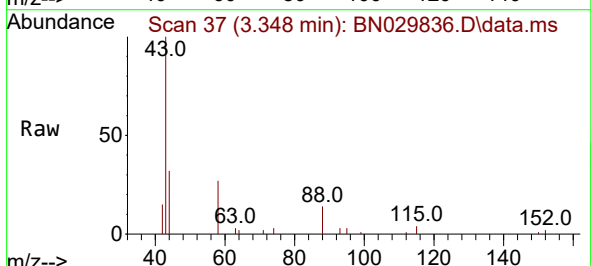


Tgt Ion:152 Resp: 3588
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 68.3 51.4 77.0



#2
1,4-Dioxane
Concen: 0.027 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.014 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

Tgt Ion: 88 Resp: 134
Ion Ratio Lower Upper
88 100
43 0.0 23.3 34.9#
58 0.0 53.8 80.6#

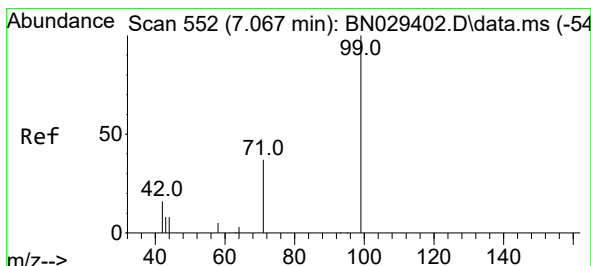
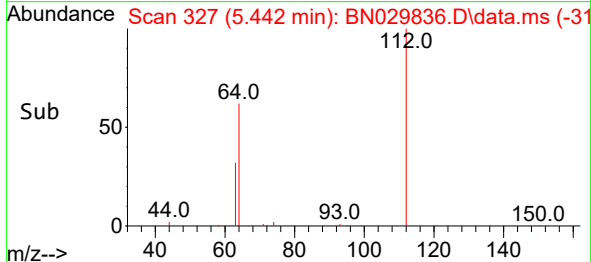
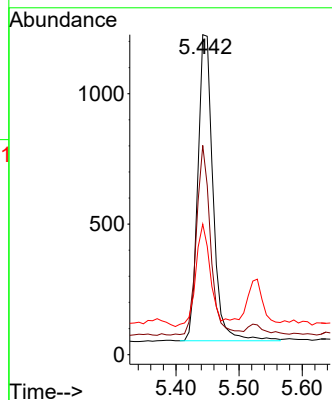
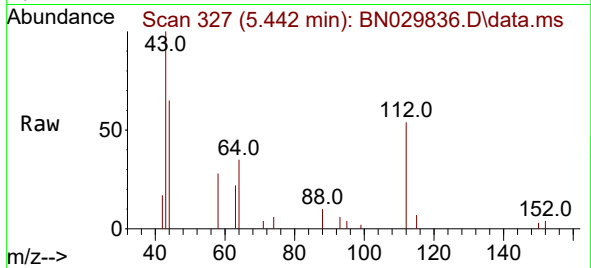




#4
2-Fluorophenol
Concen: 0.228 ng
RT: 5.442 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

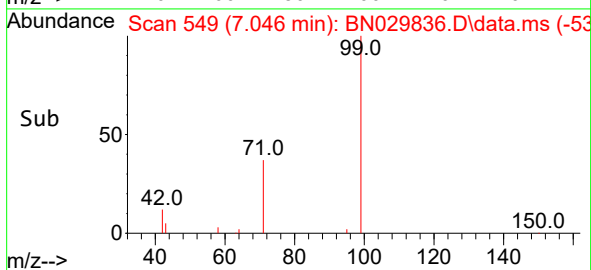
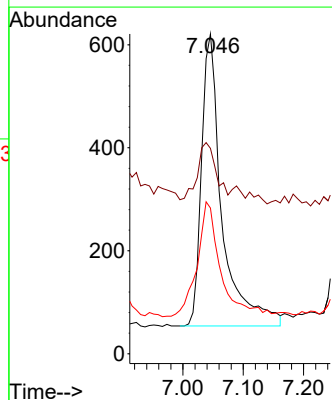
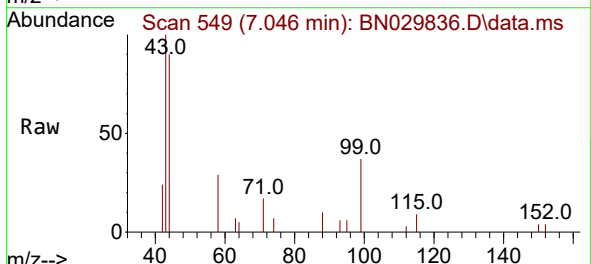
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-740-742

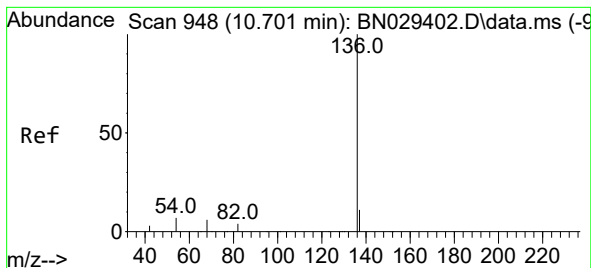
Tgt Ion:112 Resp: 1962
Ion Ratio Lower Upper
112 100
64 56.9 47.2 70.8
63 32.8 25.8 38.6



#5
Phenol-d6
Concen: 0.135 ng
RT: 7.046 min Scan# 549
Delta R.T. 0.007 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

Tgt Ion: 99 Resp: 1344
Ion Ratio Lower Upper
99 100
42 17.3 16.9 25.3
71 45.2 30.0 45.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.669 min Scan# 94

Delta R.T. 0.000 min

Lab File: BN029836.D

Acq: 16 Feb 2024 20:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-740-742

Tgt Ion:136 Resp: 9859

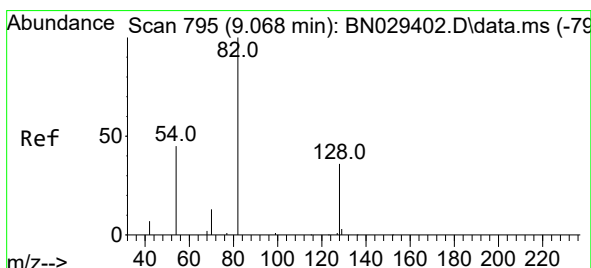
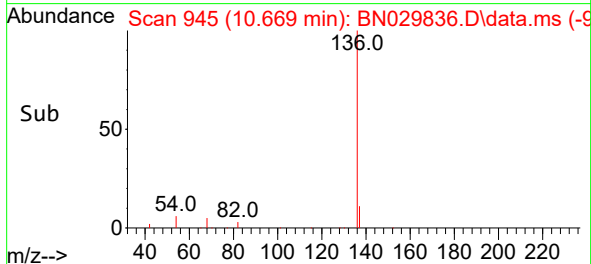
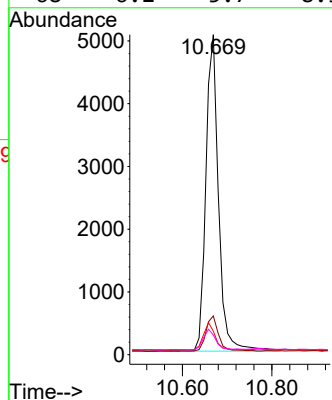
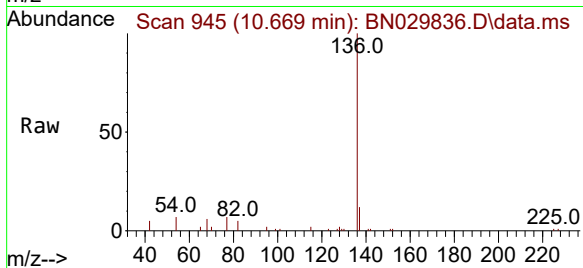
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 7.3 6.6 10.0

68 6.2 5.7 8.5



#8

Nitrobenzene-d5

Concen: 0.387 ng

RT: 9.035 min Scan# 792

Delta R.T. 0.000 min

Lab File: BN029836.D

Acq: 16 Feb 2024 20:48

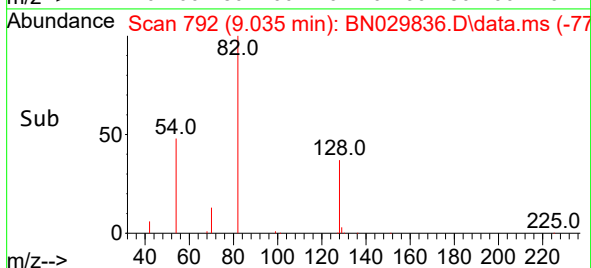
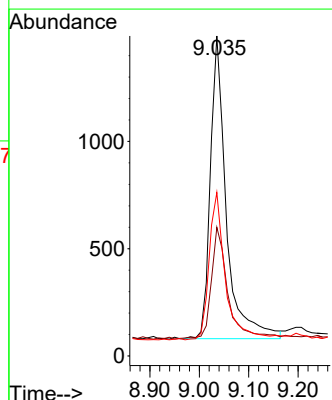
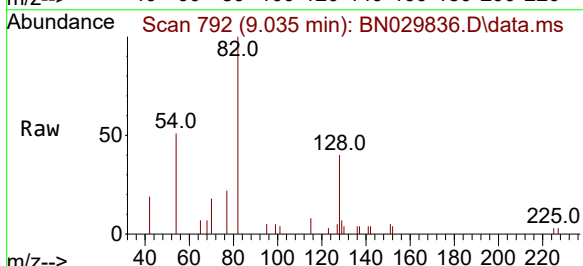
Tgt Ion: 82 Resp: 3180

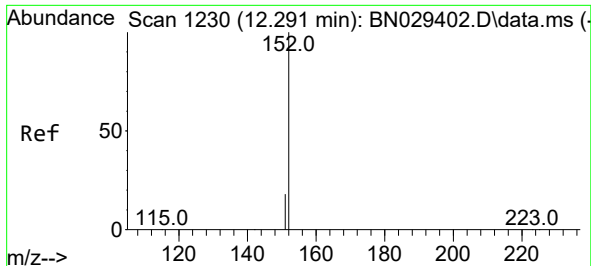
Ion Ratio Lower Upper

82 100

128 40.2 31.6 47.4

54 51.1 38.2 57.4

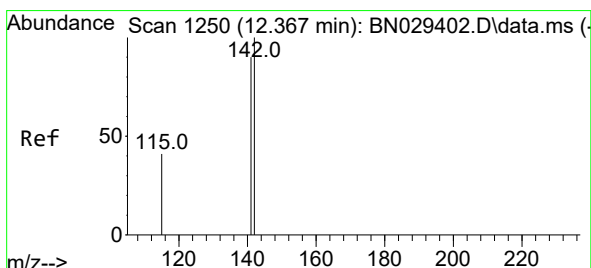
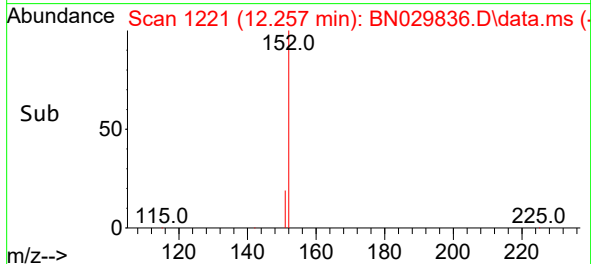
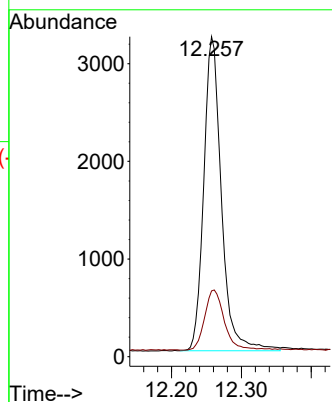
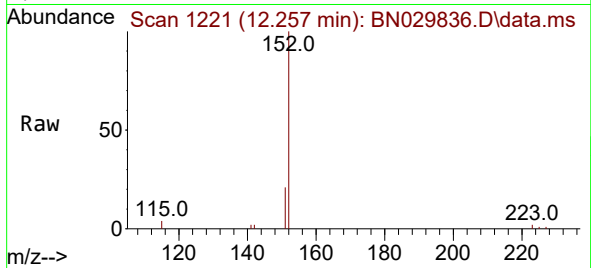




#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 12.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

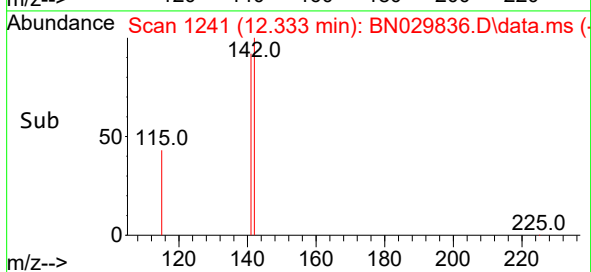
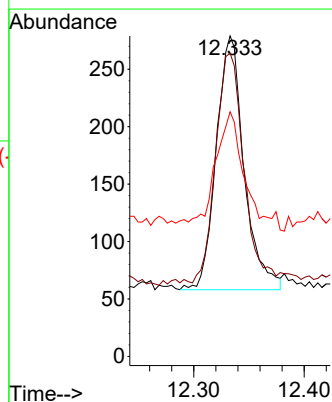
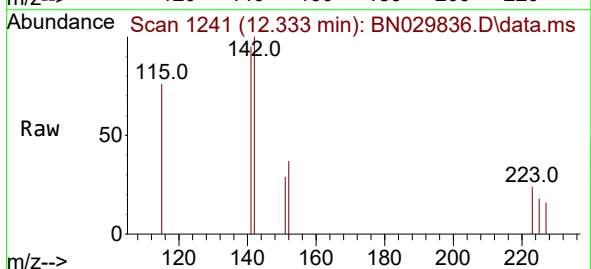
Instrument :
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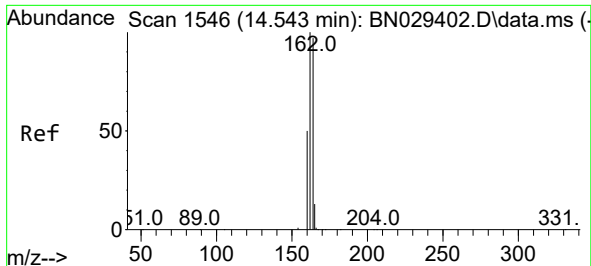
Tgt Ion:152 Resp: 5666
Ion Ratio Lower Upper
152 100
151 21.1 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.333 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

Tgt Ion:142 Resp: 387
Ion Ratio Lower Upper
142 100
141 94.6 71.9 107.9
115 76.3 33.9 50.9#

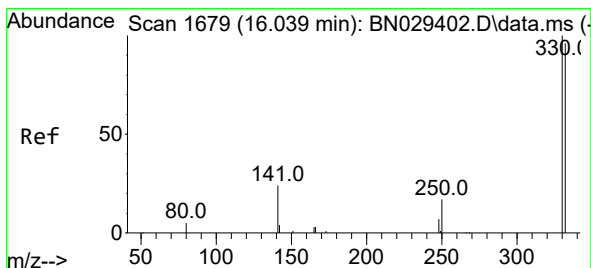
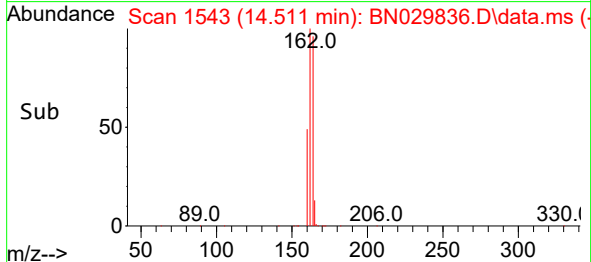
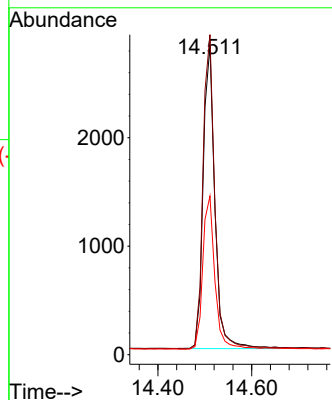
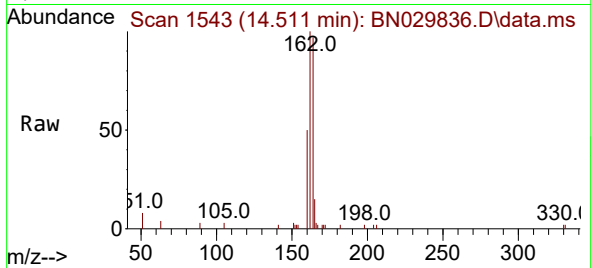




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.511 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN029836.D
 Acq: 16 Feb 2024 20:48

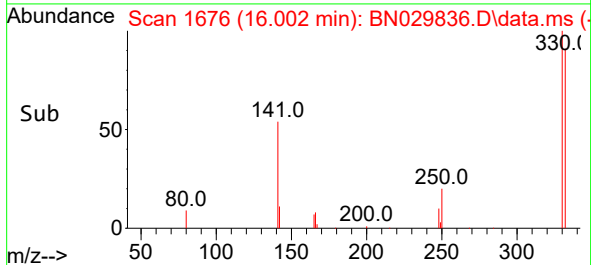
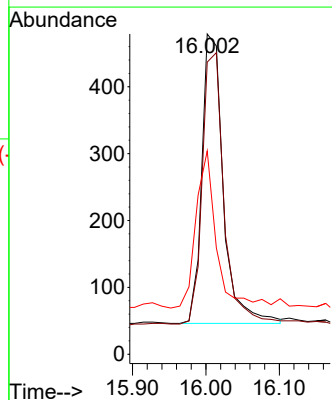
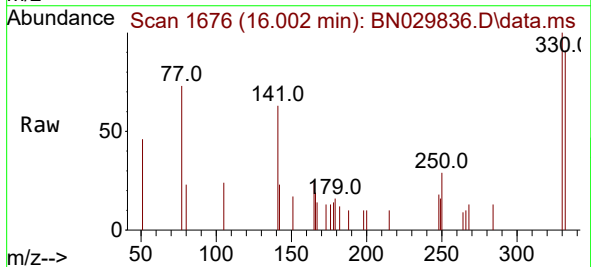
Instrument :
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 ClientSampleId :
 BP-VPB-195-GW-740-742

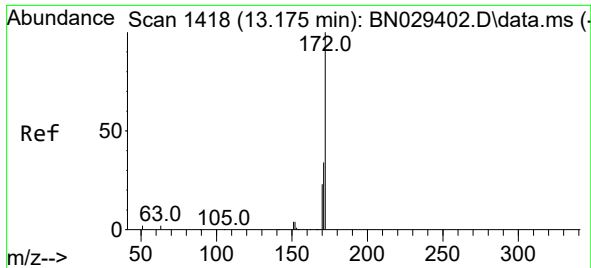
Tgt Ion:164 Resp: 4860
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 51.3 41.5 62.3



#14
 2,4,6-Tribromophenol
 Concen: 0.564 ng
 RT: 16.002 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BN029836.D
 Acq: 16 Feb 2024 20:48

Tgt Ion:330 Resp: 880
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.0 114.0
 141 51.6 43.4 65.2

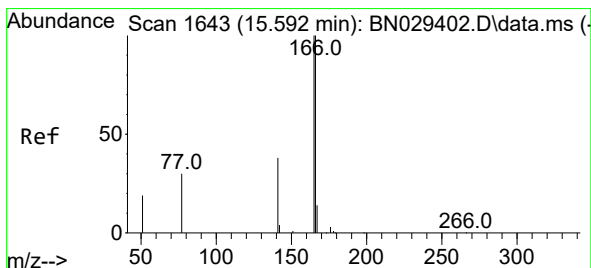
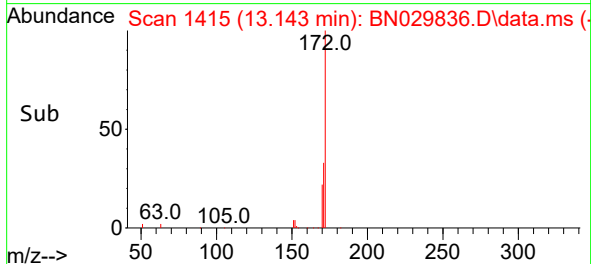
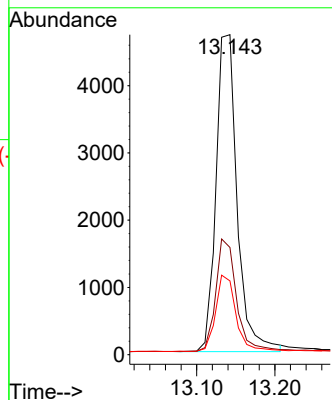
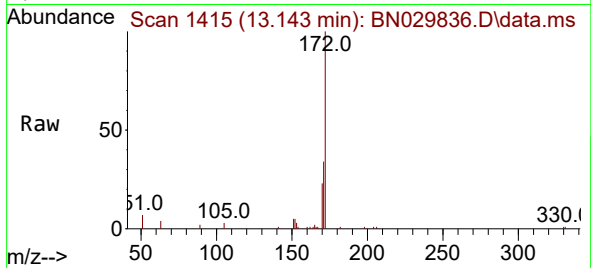




#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 13.143 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

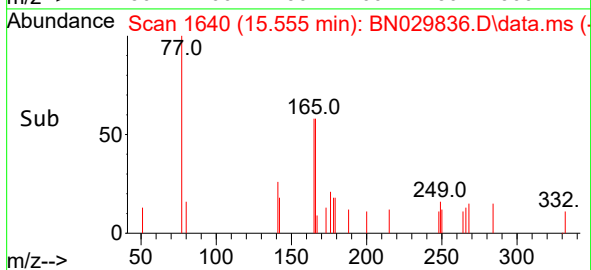
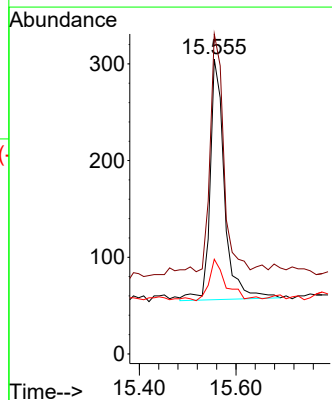
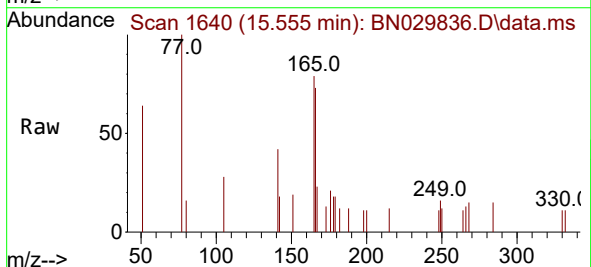
Instrument :
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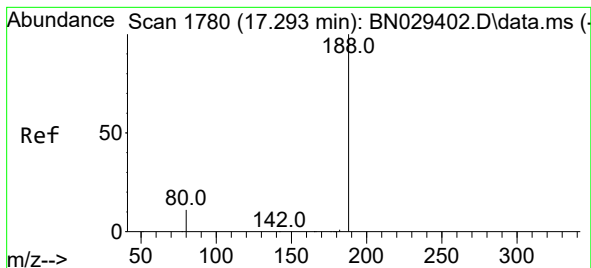
Tgt Ion:172 Resp: 8853
Ion Ratio Lower Upper
172 100
171 33.5 28.0 42.0
170 23.1 18.7 28.1



#18
Fluorene
Concen: 0.026 ng
RT: 15.555 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

Tgt Ion:166 Resp: 507
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 20.3 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN029836.D

Acq: 16 Feb 2024 20:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-740-742

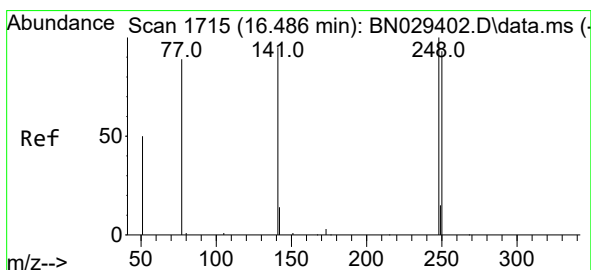
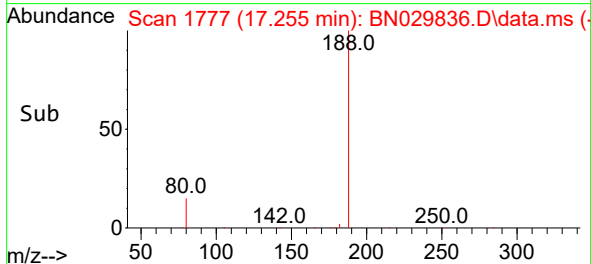
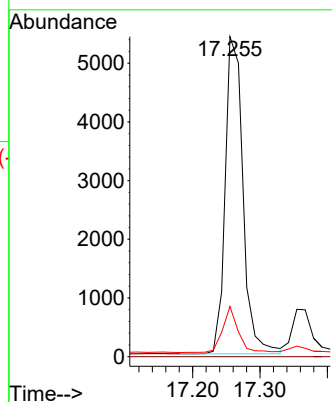
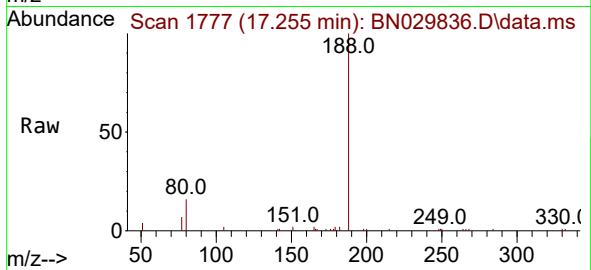
Tgt Ion:188 Resp: 9872

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.7 10.0 15.0#



#21

4-Bromophenyl-phenylether

Concen: 0.022 ng

RT: 16.461 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BN029836.D

Acq: 16 Feb 2024 20:48

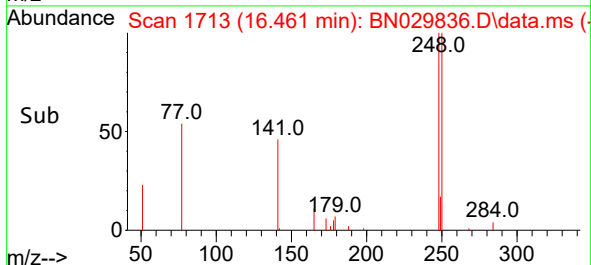
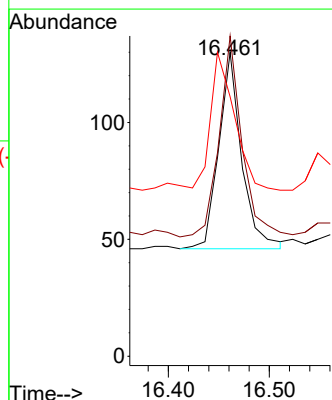
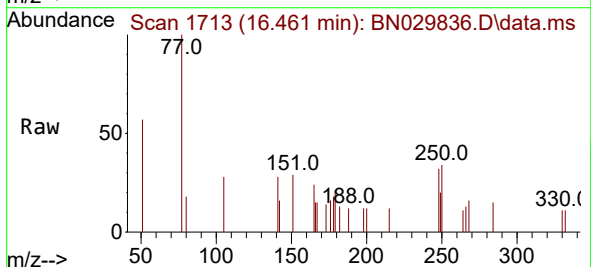
Tgt Ion:248 Resp: 132

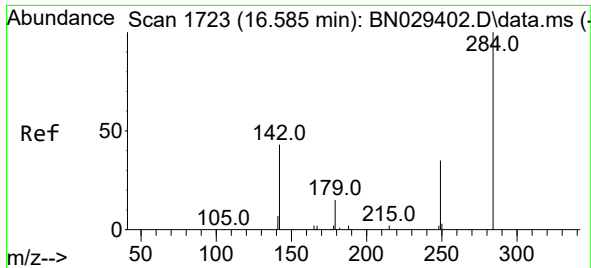
Ion Ratio Lower Upper

248 100

250 105.4 75.0 112.4

141 85.4 77.0 115.6

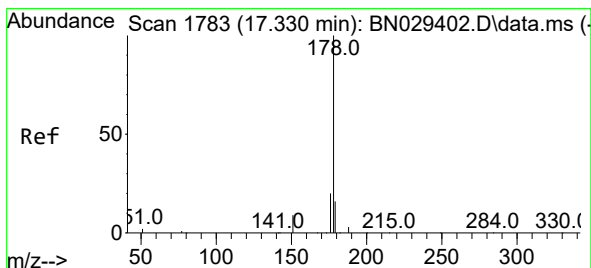
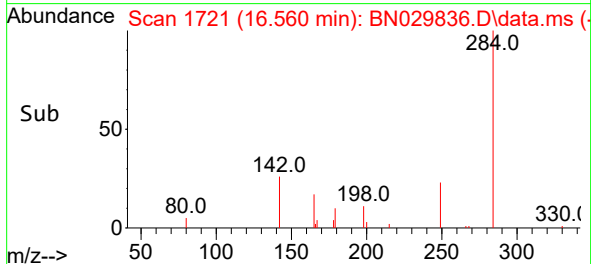
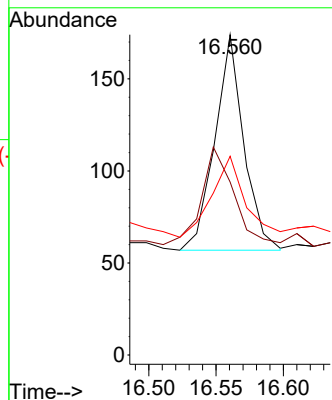
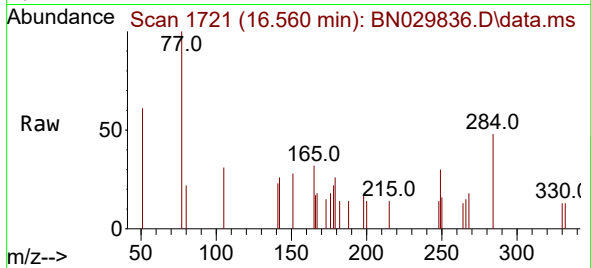




#22
Hexachlorobenzene
Concen: 0.024 ng
RT: 16.560 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

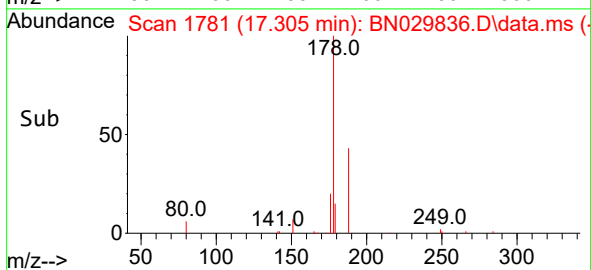
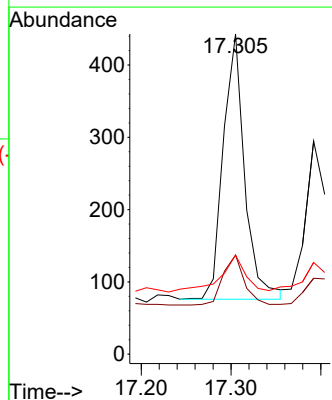
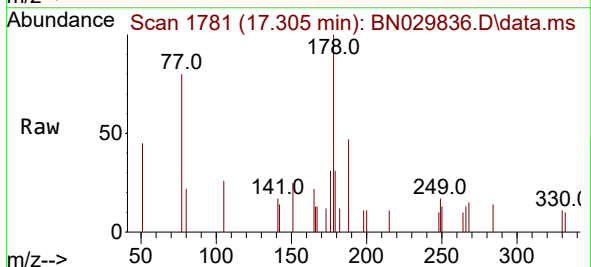
Instrument :
BNA_N
ClientSampleId :
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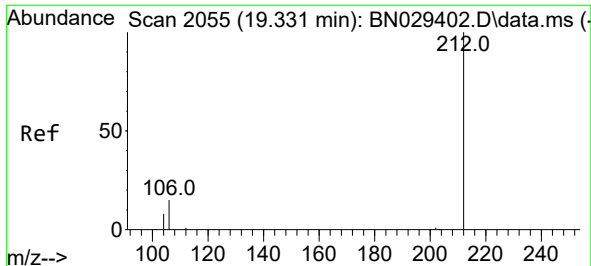
Tgt Ion:284 Resp: 175
Ion Ratio Lower Upper
284 100
142 49.7 39.4 59.2
249 43.4 26.9 40.3#



#25
Phenanthrene
Concen: 0.021 ng
RT: 17.305 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

Tgt Ion:178 Resp: 610
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.6
179 16.9 12.6 19.0

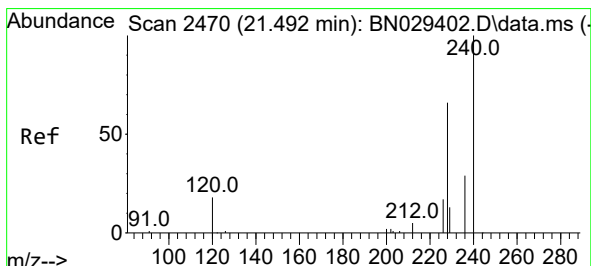
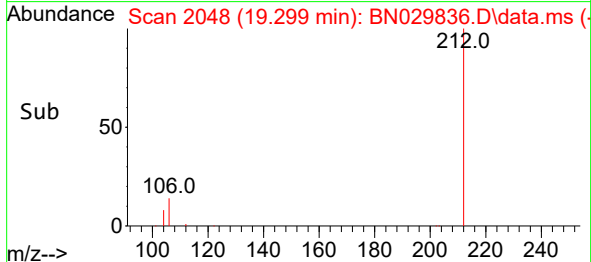
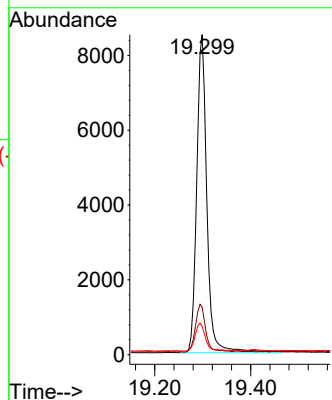
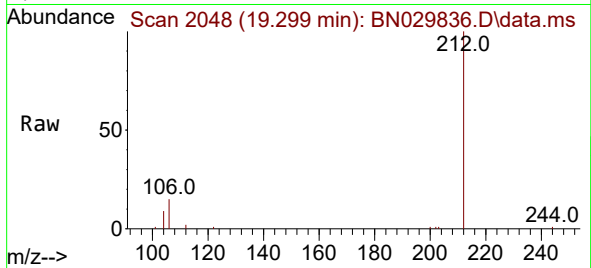




#27
Fluoranthene-d10
Concen: 0.527 ng
RT: 19.299 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

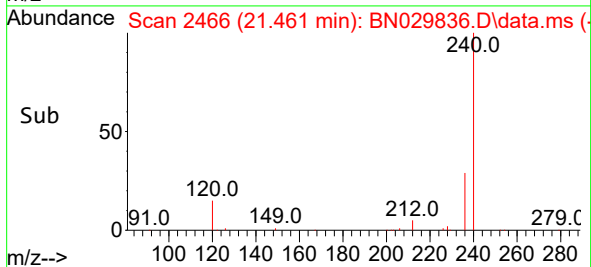
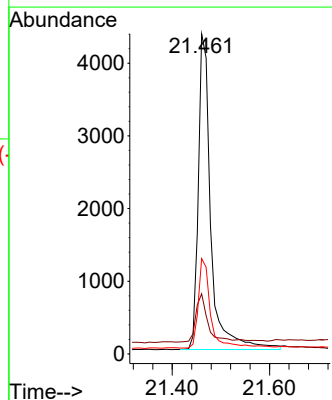
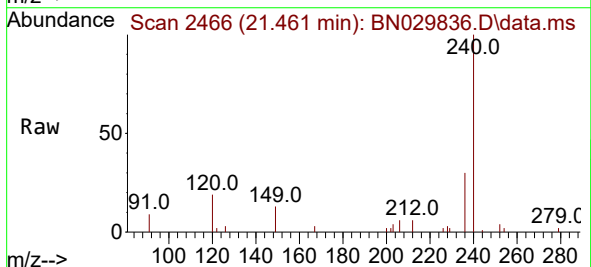
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-740-742

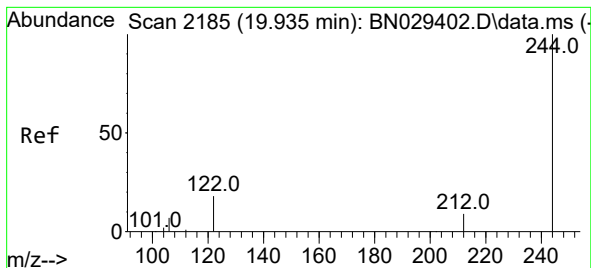
Tgt Ion:212 Resp: 12598
Ion Ratio Lower Upper
212 100
106 14.8 13.2 19.8
104 8.9 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.461 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

Tgt Ion:240 Resp: 7761
Ion Ratio Lower Upper
240 100
120 18.8 16.7 25.1
236 29.8 23.9 35.9





#31

Terphenyl-d14

Concen: 0.494 ng

RT: 19.903 min Scan# 2185

Delta R.T. -0.005 min

Lab File: BN029836.D

Acq: 16 Feb 2024 20:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-740-742

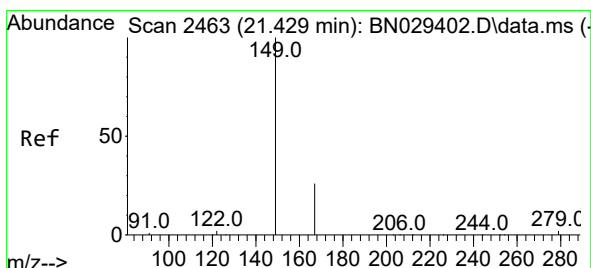
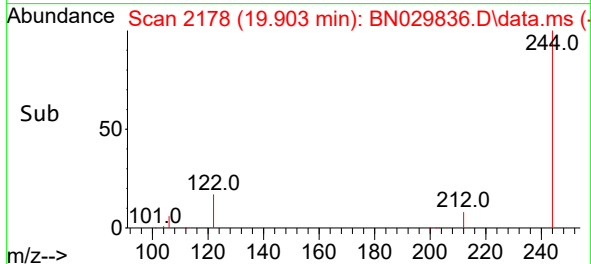
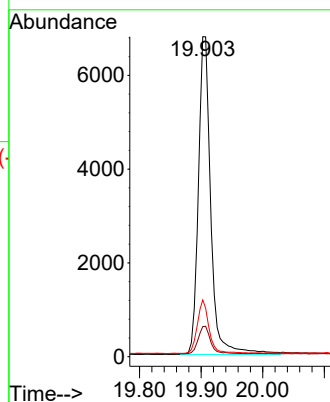
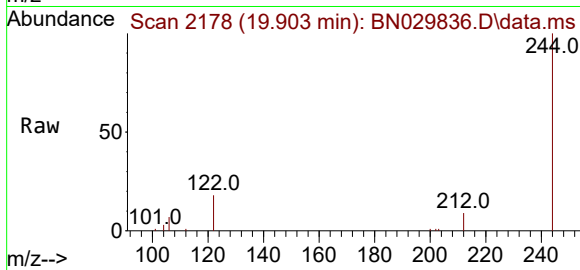
Tgt Ion:244 Resp: 9507

Ion Ratio Lower Upper

244 100

212 9.4 8.2 12.4

122 17.8 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.036 ng

RT: 21.389 min Scan# 2458

Delta R.T. -0.005 min

Lab File: BN029836.D

Acq: 16 Feb 2024 20:48

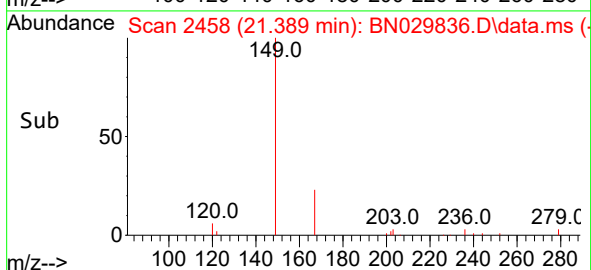
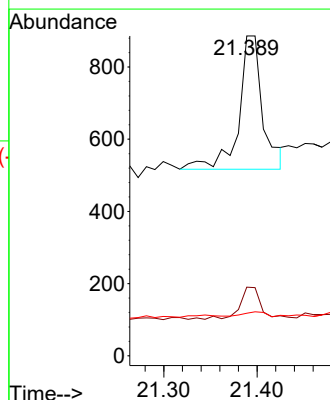
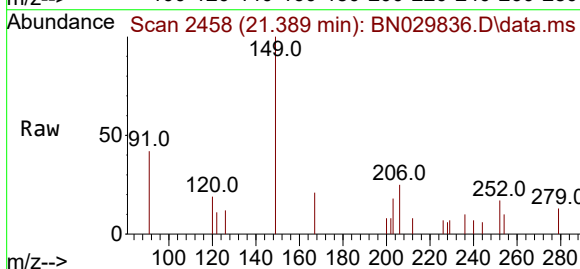
Tgt Ion:149 Resp: 659

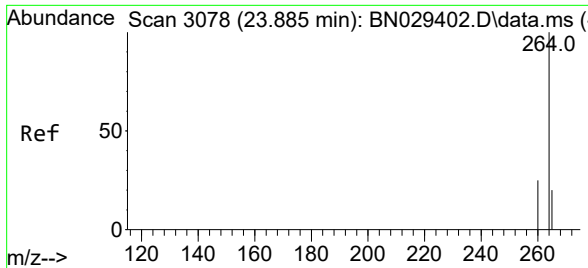
Ion Ratio Lower Upper

149 100

167 22.3 20.1 30.1

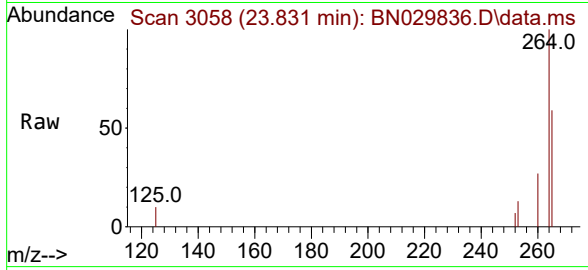
279 3.0 2.5 3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.831 min Scan# 3078
Delta R.T. -0.001 min
Lab File: BN029836.D
Acq: 16 Feb 2024 20:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-740-742



Tgt Ion:264 Resp: 7674

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.2	31.8
265	59.0	41.5	62.3

