

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
 Data File : BN029368.D
 Acq On : 24 Jan 2024 04:48
 Operator : MA/JU
 Sample : P1223-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-440-442

Quant Time: Jan 24 05:19:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 02:16:14 2024
 Response via : Initial Calibration

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

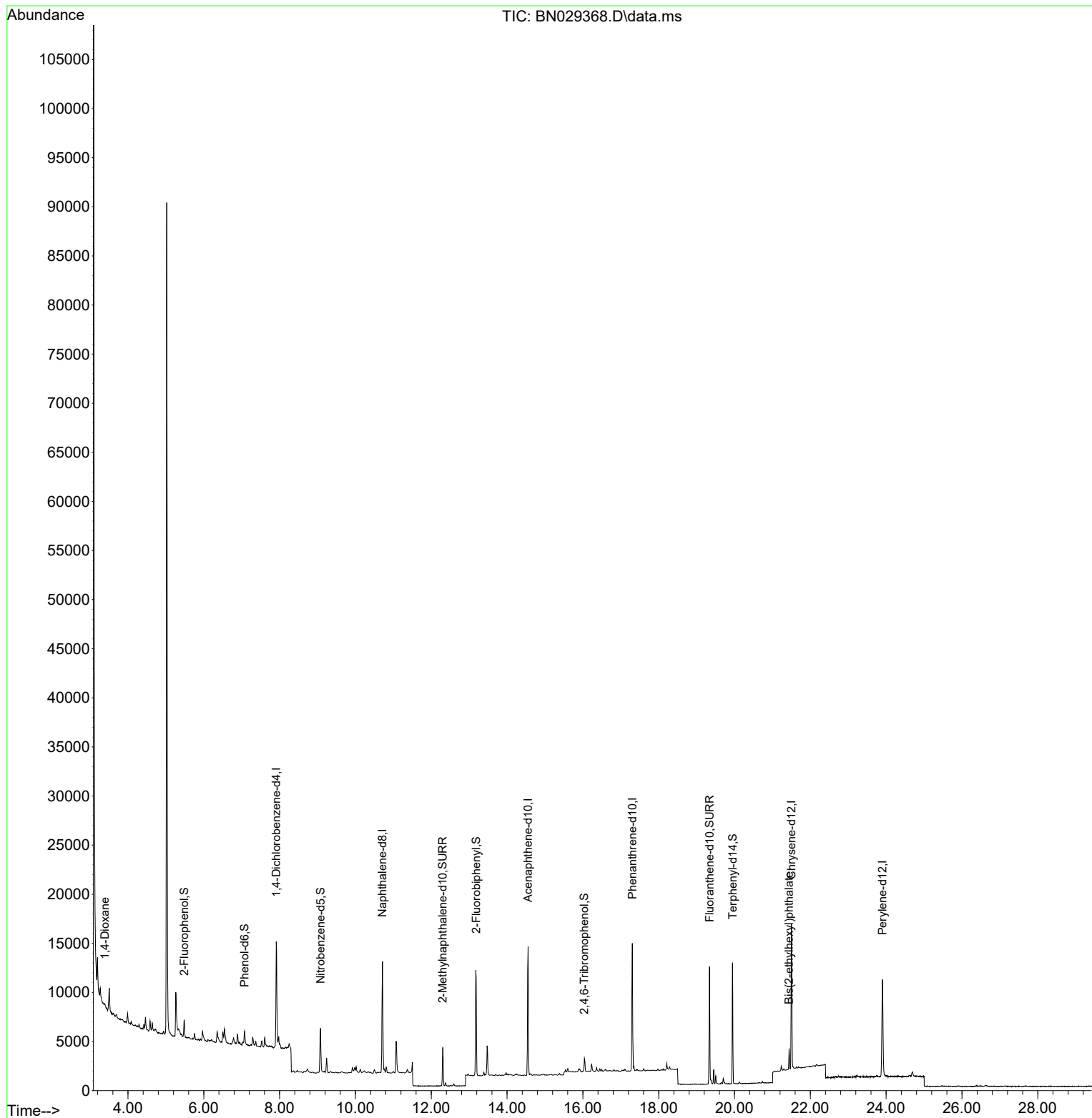
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	5076	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	14429	0.400	ng	0.00
13) Acenaphthene-d10	14.554	164	7447	0.400	ng	0.00
19) Phenanthrene-d10	17.305	188	16920	0.400	ng	0.00
29) Chrysene-d12	21.501	240	14100	0.400	ng	# 0.00
35) Perylene-d12	23.905	264	14194	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.486	112	1364	0.101	ng	0.00
5) Phenol-d6	7.074	99	1112	0.062	ng	0.00
8) Nitrobenzene-d5	9.078	82	3659	0.239	ng	0.00
11) 2-Methylnaphthalene-d10	12.303	152	5222	0.219	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	754	0.194	ng	-0.01
15) 2-Fluorobiphenyl	13.185	172	9746	0.272	ng	0.00
27) Fluoranthene-d10	19.341	212	12693	0.253	ng	0.00
31) Terphenyl-d14	19.949	244	11476	0.318	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.391	88	182	0.028	ng	# 54
34) Bis(2-ethylhexyl)phtha...	21.438	149	1950	0.060	ng	# 99

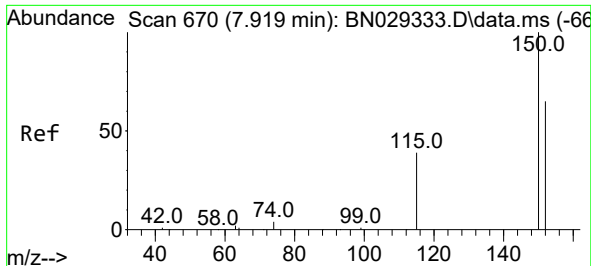
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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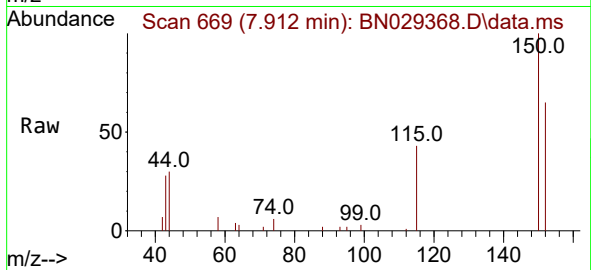
Quant Time: Jan 24 05:19:53 2024
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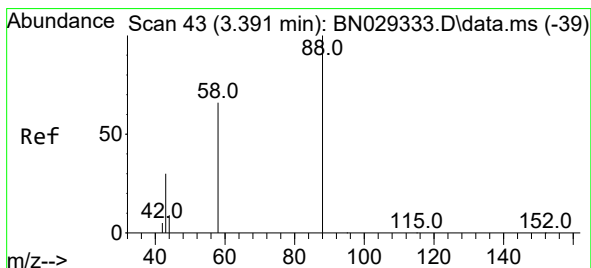
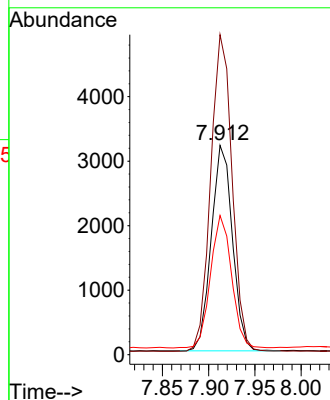
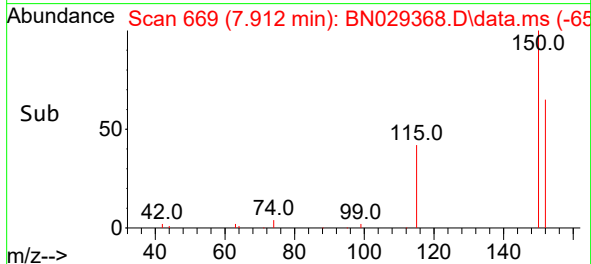


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.912 min Scan# 669
 Delta R.T. -0.007 min
 Lab File: BN029368.D
 Acq: 24 Jan 2024 04:48

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-440-442

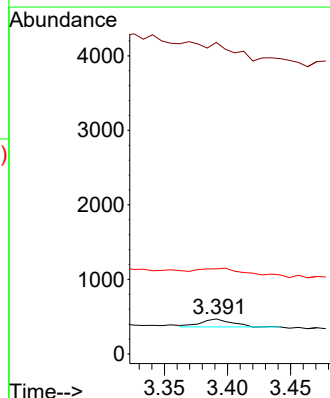
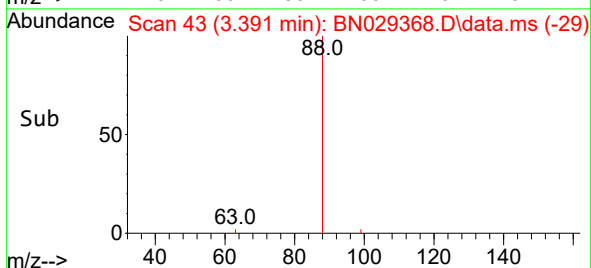
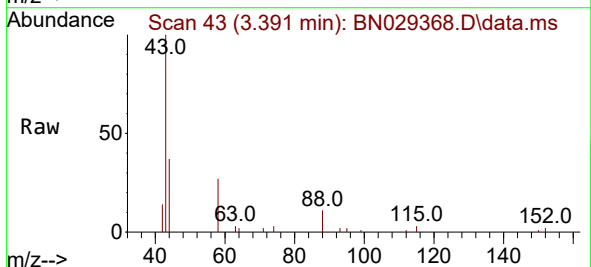


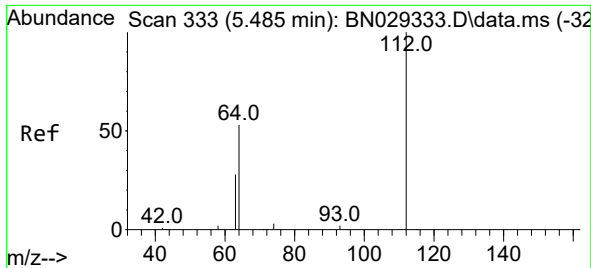
Tgt Ion: 152 Resp: 5076
 Ion Ratio Lower Upper
 152 100
 150 152.9 121.1 181.7
 115 66.5 49.8 74.6



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.391 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: BN029368.D
 Acq: 24 Jan 2024 04:48

Tgt Ion: 88 Resp: 182
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.2 43.8#
 58 104.4 57.8 86.8#





#4

2-Fluorophenol

Concen: 0.101 ng

RT: 5.486 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN029368.D

Acq: 24 Jan 2024 04:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-440-442

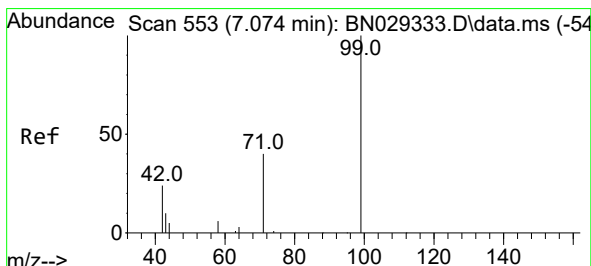
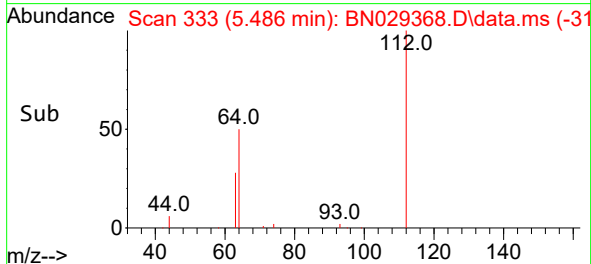
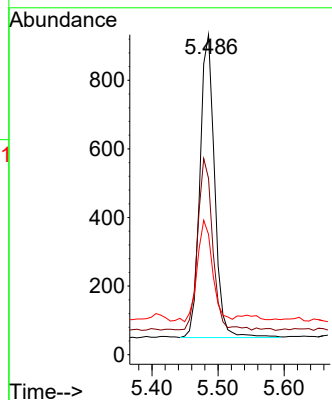
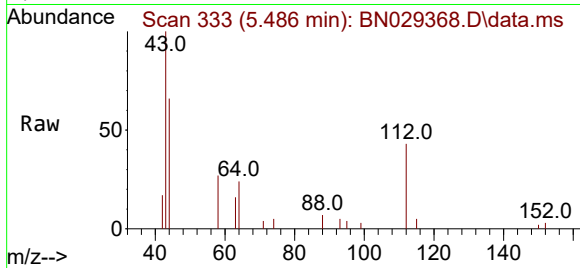
Tgt Ion:112 Resp: 1364

Ion Ratio Lower Upper

112 100

64 57.2 47.6 71.4

63 33.4 27.0 40.6



#5

Phenol-d6

Concen: 0.062 ng

RT: 7.074 min Scan# 553

Delta R.T. 0.000 min

Lab File: BN029368.D

Acq: 24 Jan 2024 04:48

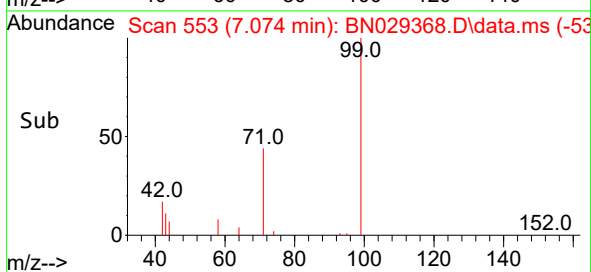
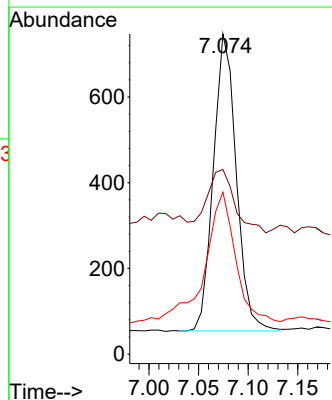
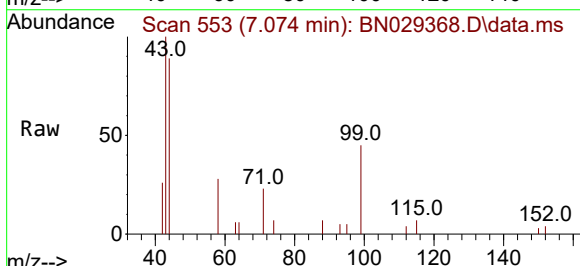
Tgt Ion: 99 Resp: 1112

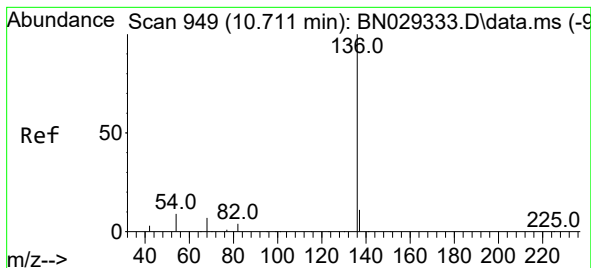
Ion Ratio Lower Upper

99 100

42 26.2 19.3 28.9

71 59.9 31.0 46.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.712 min Scan# 949

Delta R.T. 0.000 min

Lab File: BN029368.D

Acq: 24 Jan 2024 04:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-440-442

Tgt Ion:136 Resp: 14429

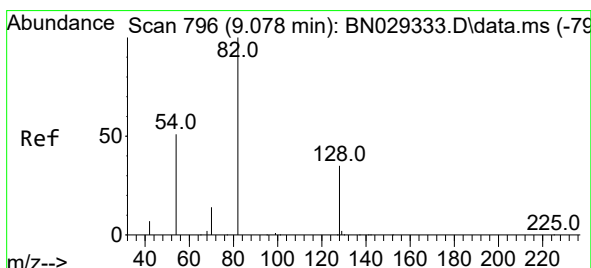
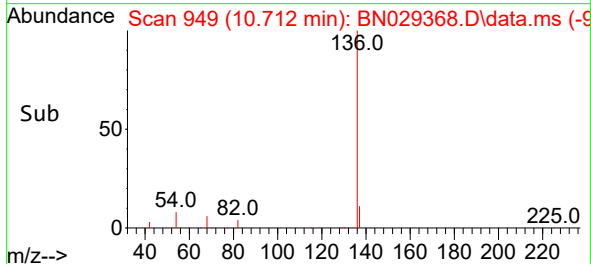
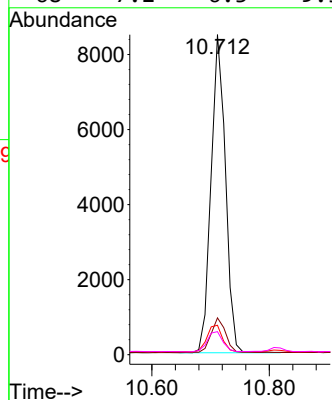
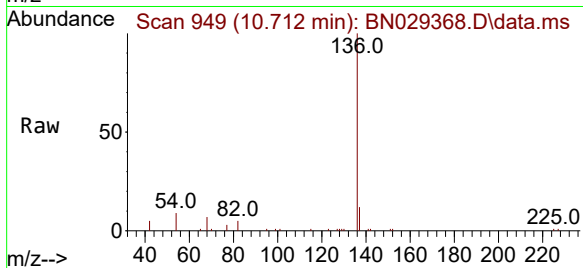
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.0

54 9.2 7.9 11.9

68 7.2 6.3 9.5



#8

Nitrobenzene-d5

Concen: 0.239 ng

RT: 9.078 min Scan# 796

Delta R.T. 0.000 min

Lab File: BN029368.D

Acq: 24 Jan 2024 04:48

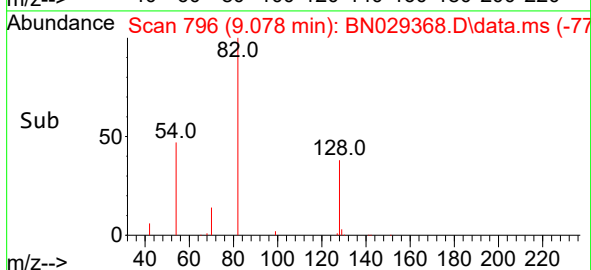
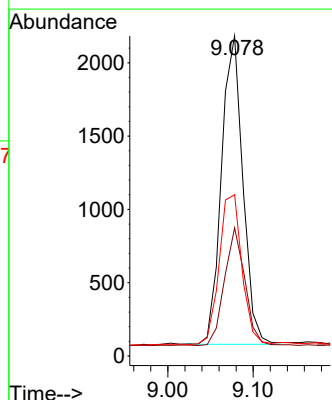
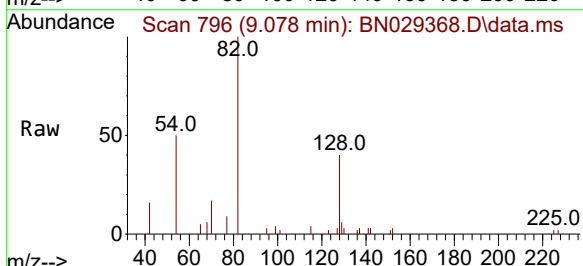
Tgt Ion: 82 Resp: 3659

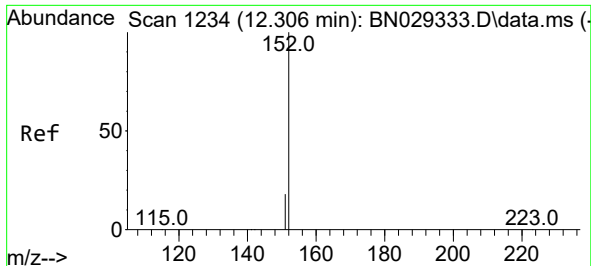
Ion Ratio Lower Upper

82 100

128 40.1 29.8 44.6

54 50.4 42.5 63.7

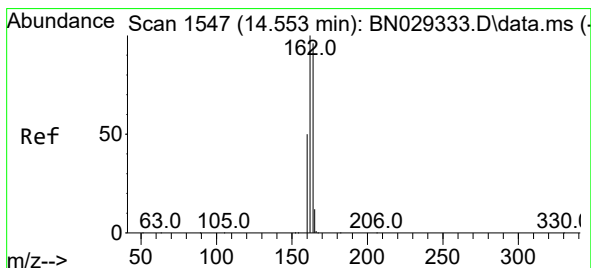
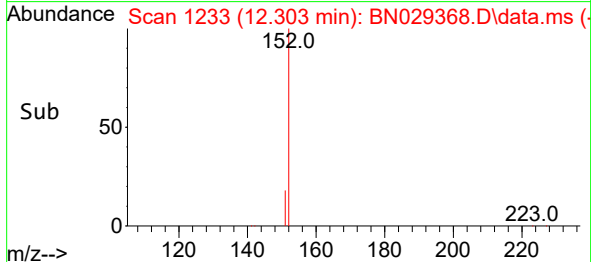
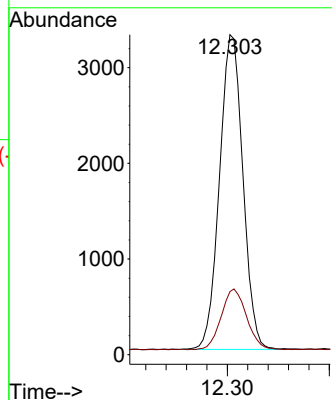
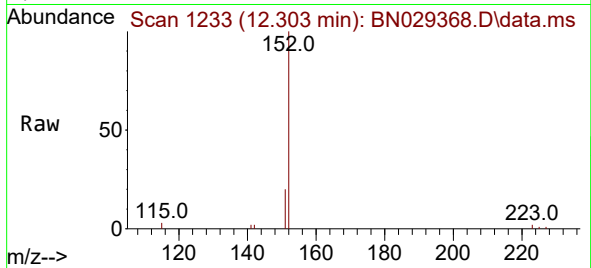




#11
2-Methylnaphthalene-d10
Concen: 0.219 ng
RT: 12.303 min Scan# 11
Delta R.T. -0.003 min
Lab File: BN029368.D
Acq: 24 Jan 2024 04:48

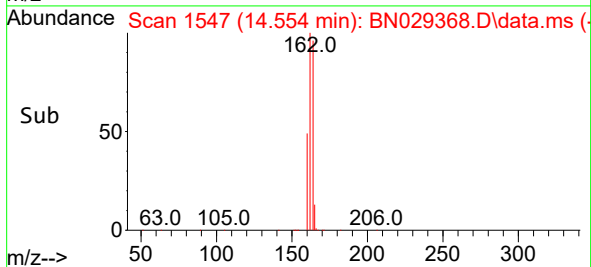
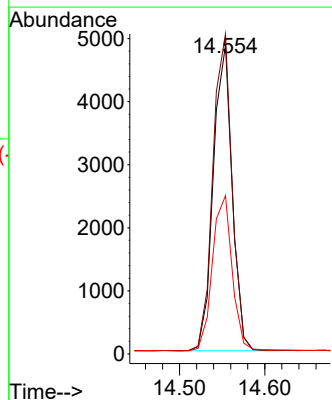
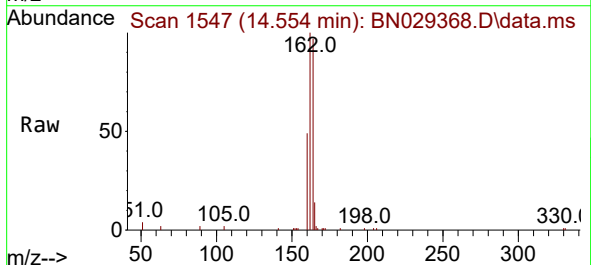
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-440-442

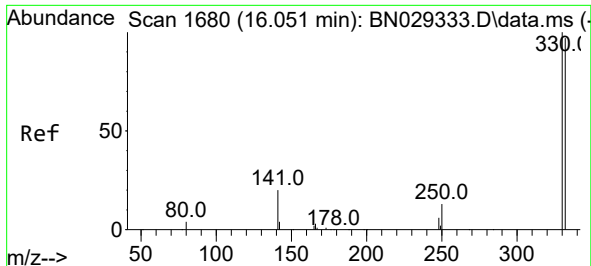
Tgt Ion:152 Resp: 5222
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.554 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN029368.D
Acq: 24 Jan 2024 04:48

Tgt Ion:164 Resp: 7447
Ion Ratio Lower Upper
164 100
162 103.6 83.5 125.3
160 51.3 42.1 63.1

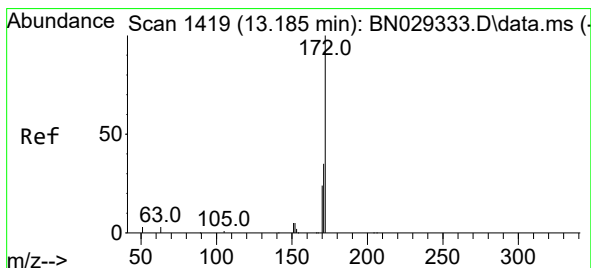
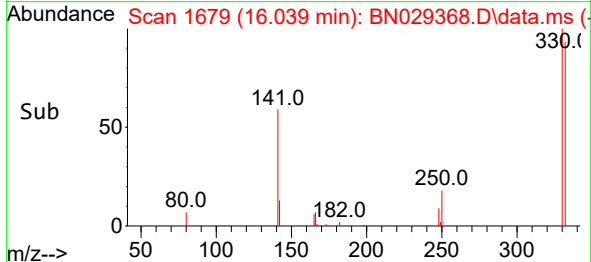
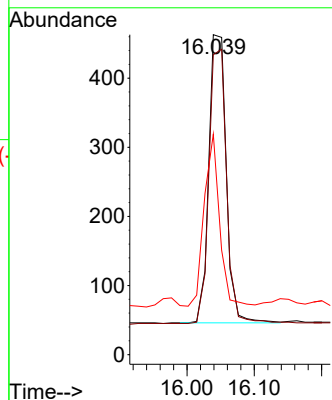
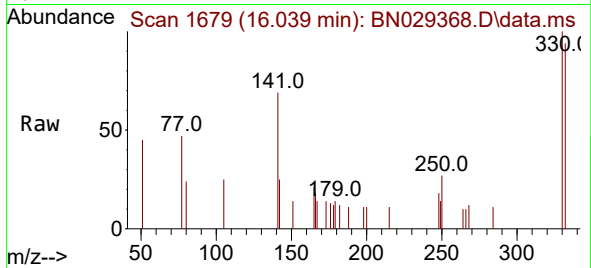




#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 16.039 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BN029368.D
Acq: 24 Jan 2024 04:48

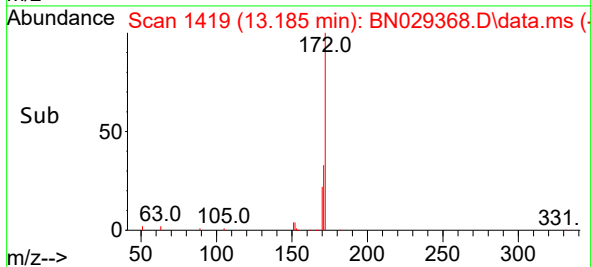
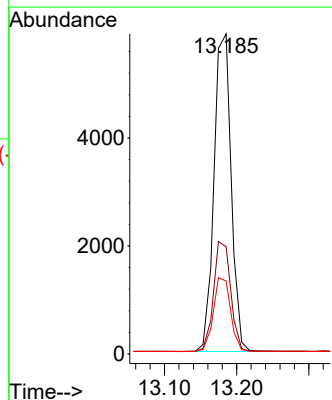
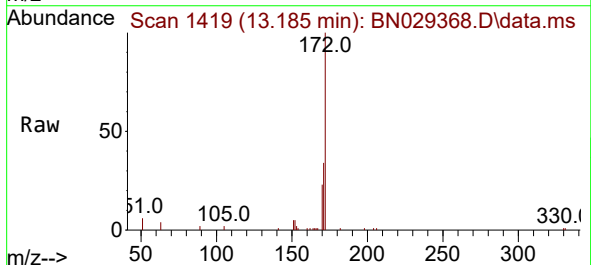
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-440-442

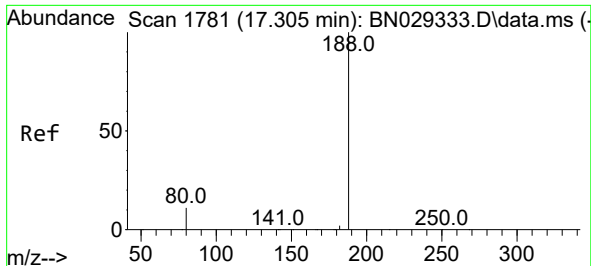
Tgt Ion:330 Resp: 754
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 52.3 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.185 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN029368.D
Acq: 24 Jan 2024 04:48

Tgt Ion:172 Resp: 9746
Ion Ratio Lower Upper
172 100
171 33.5 28.2 42.2
170 22.8 19.3 28.9

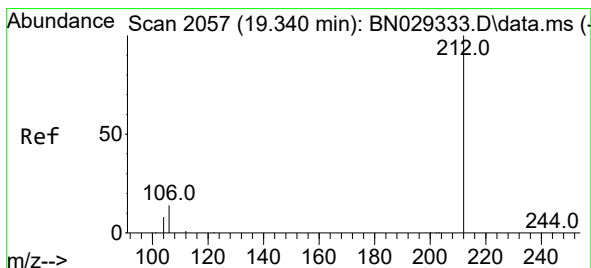
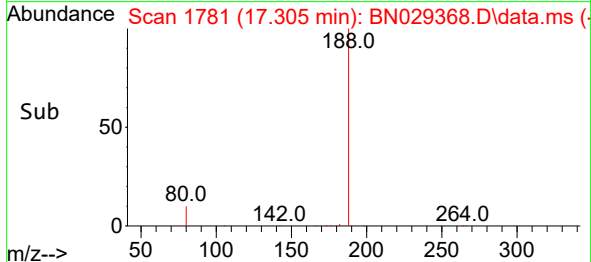
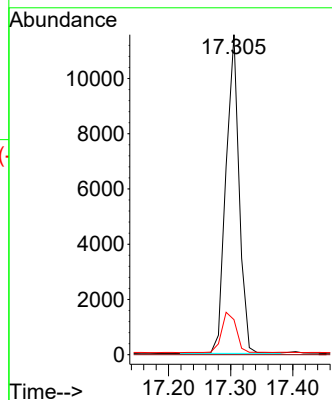
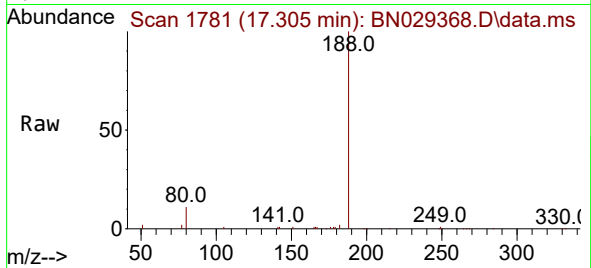




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN029368.D
Acq: 24 Jan 2024 04:48

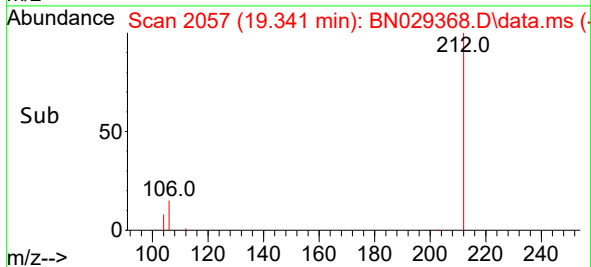
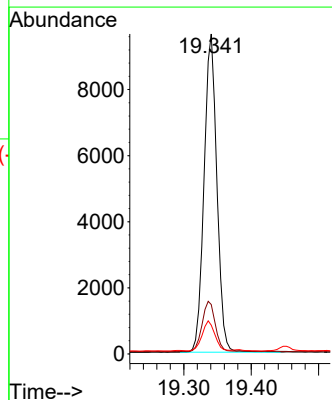
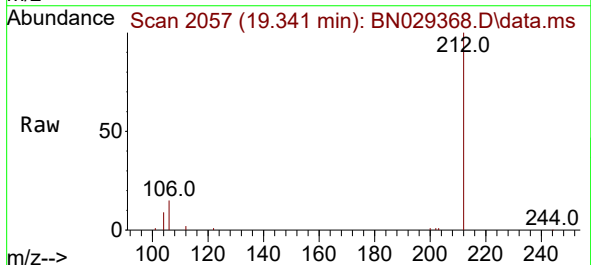
Instrument :
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BP-VPB-195-GW-440-442

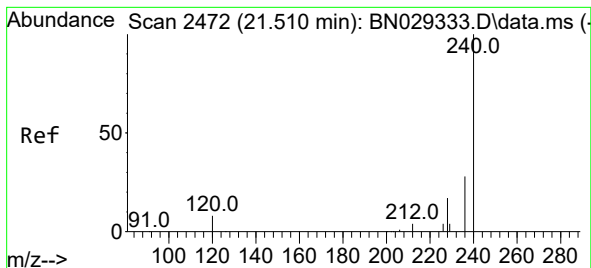
Tgt Ion:188 Resp: 16920
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 9.4 14.2



#27
Fluoranthene-d10
Concen: 0.253 ng
RT: 19.341 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN029368.D
Acq: 24 Jan 2024 04:48

Tgt Ion:212 Resp: 12693
Ion Ratio Lower Upper
212 100
106 16.3 11.4 17.0
104 9.2 6.8 10.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.501 min Scan# 2471

Delta R.T. -0.008 min

Lab File: BN029368.D

Acq: 24 Jan 2024 04:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-440-442

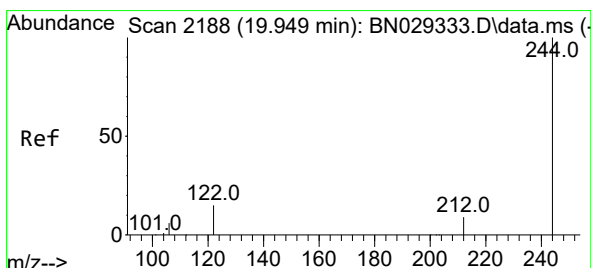
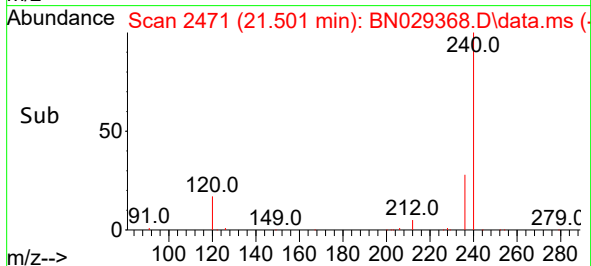
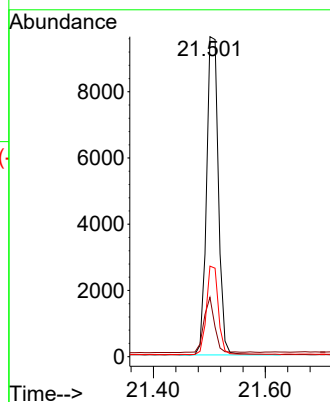
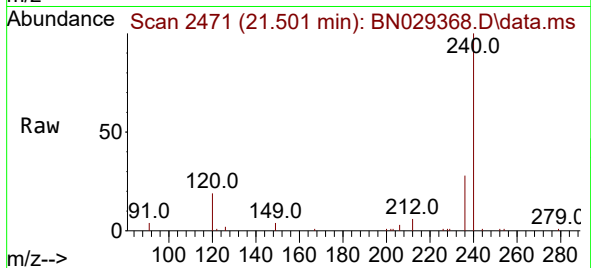
Tgt Ion:240 Resp: 14100

Ion Ratio Lower Upper

240 100

120 18.6 7.8 11.6#

236 28.3 23.0 34.4



#31

Terphenyl-d14

Concen: 0.318 ng

RT: 19.949 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BN029368.D

Acq: 24 Jan 2024 04:48

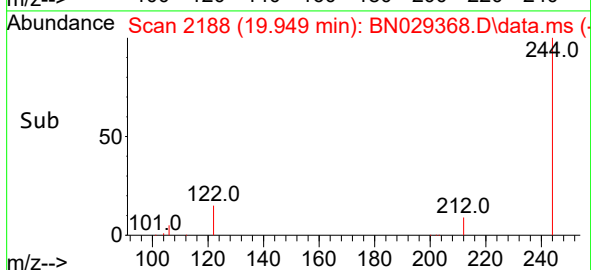
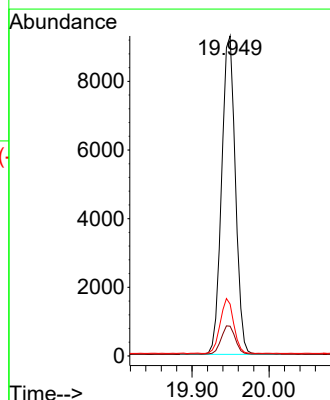
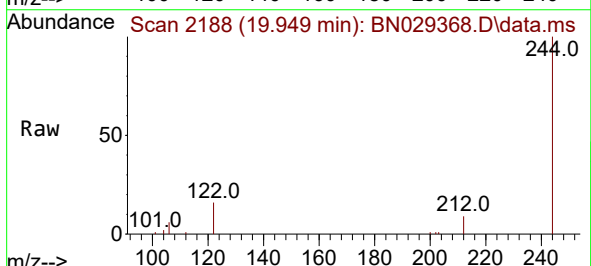
Tgt Ion:244 Resp: 11476

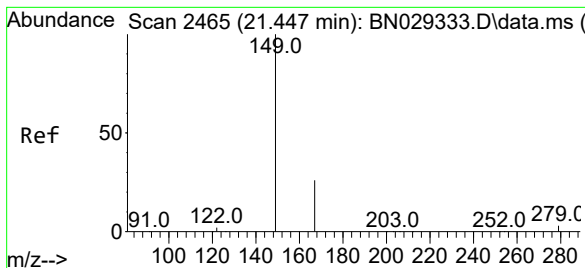
Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

122 16.2 12.8 19.2





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.060 ng

RT: 21.438 min Scan# 2464

Delta R.T. -0.009 min

Lab File: BN029368.D

Acq: 24 Jan 2024 04:48

Instrument :

BNA_N

ClientSampleId :

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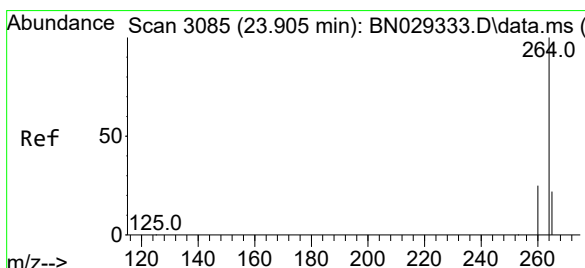
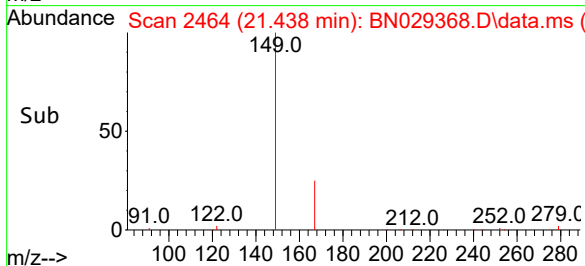
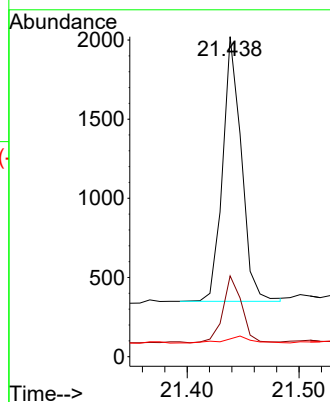
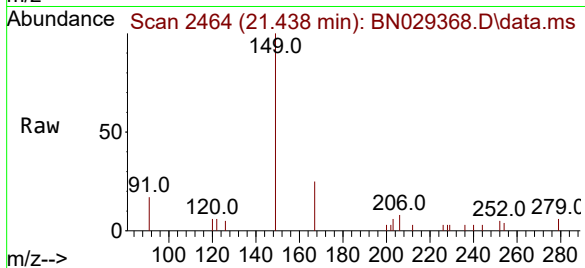
Tgt Ion:149 Resp: 1950

Ion Ratio Lower Upper

149 100

167 25.2 19.9 29.9

279 3.5 2.2 3.4#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.905 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BN029368.D

Acq: 24 Jan 2024 04:48

Tgt Ion:264 Resp: 14194

Ion Ratio Lower Upper

264 100

260 26.2 20.6 31.0

265 30.3 24.8 37.2

