

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
 Data File : BN029842.D
 Acq On : 17 Feb 2024 00:25
 Operator : MA/JU
 Sample : PB158918BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB158918BL

Quant Time: Feb 17 00:53:05 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	3925	0.400	ng	0.00
7) Naphthalene-d8	10.669	136	9930	0.400	ng	0.00
13) Acenaphthene-d10	14.511	164	4400	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	8850	0.400	ng	0.02
29) Chrysene-d12	21.474	240	7147	0.400	ng	# 0.00
35) Perylene-d12	23.847	264	6189	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	4058	0.430	ng	0.00
5) Phenol-d6	7.046	99	3984	0.366	ng	0.00
8) Nitrobenzene-d5	9.036	82	3377	0.408	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	4905	0.363	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	559	0.396	ng	0.02
15) 2-Fluorobiphenyl	13.143	172	6728	0.356	ng	0.01
27) Fluoranthene-d10	19.308	212	9232	0.431	ng	0.00
31) Terphenyl-d14	19.912	244	7398	0.417	ng	0.00

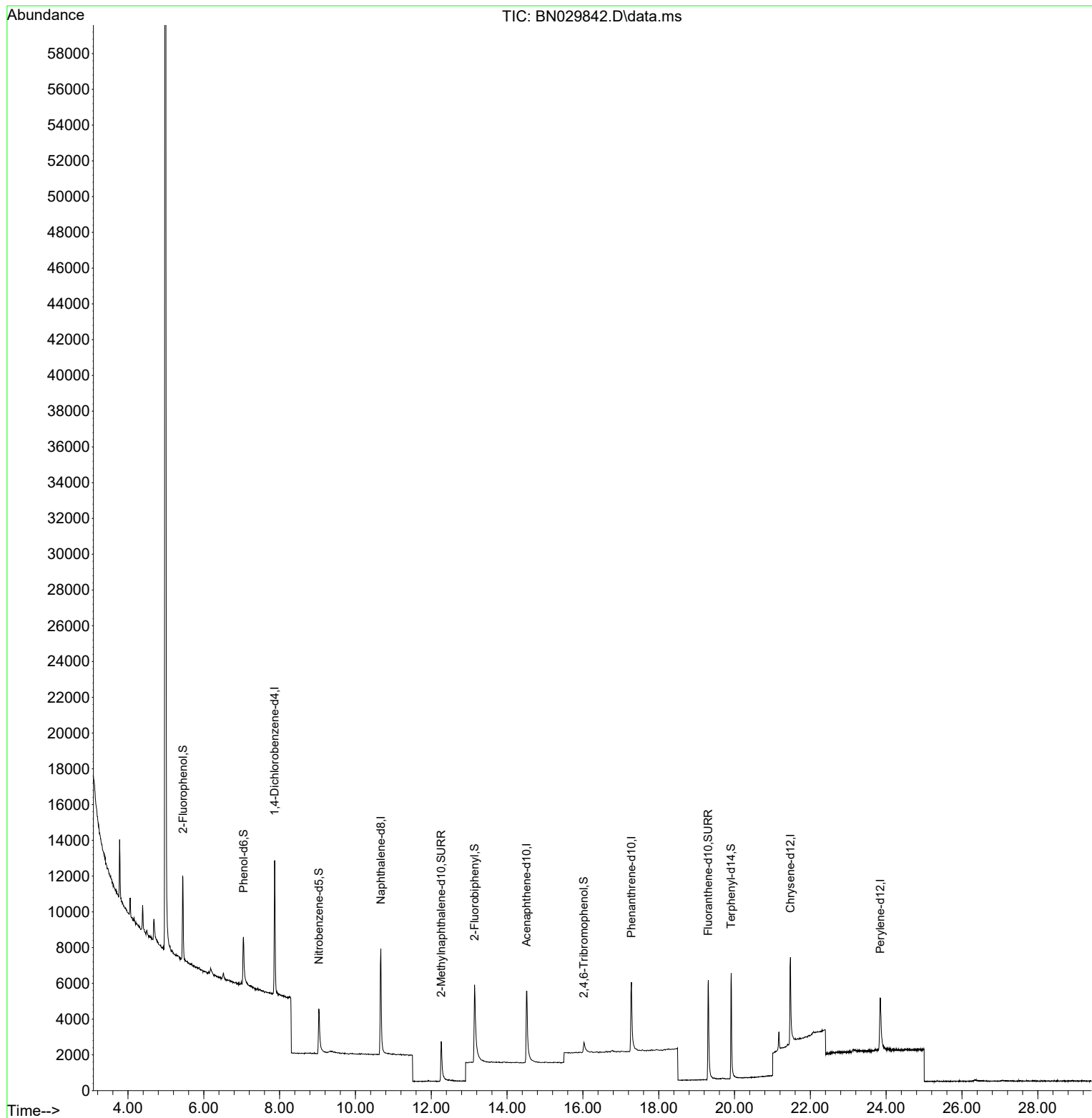
Target Compounds Qvalue

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

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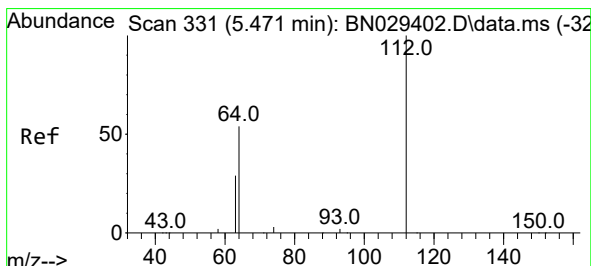
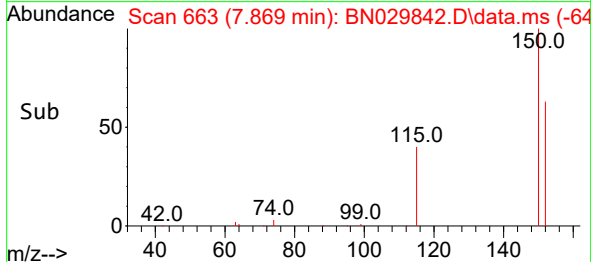
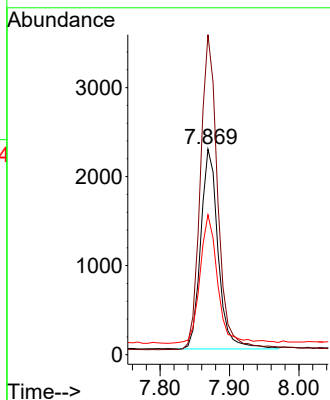
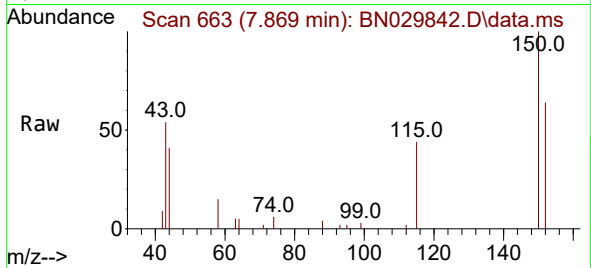




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 668
Delta R.T. -0.000 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

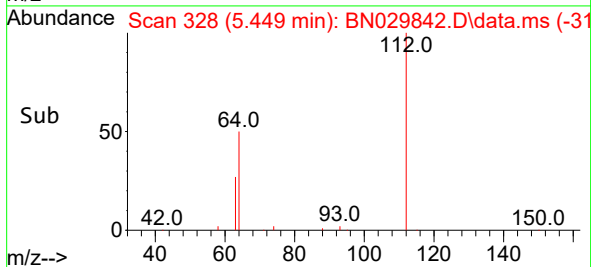
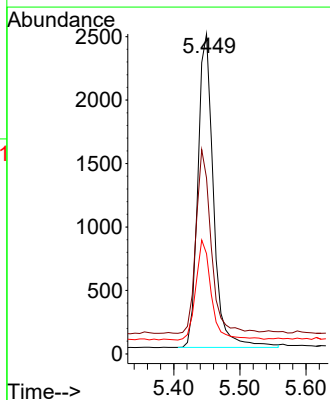
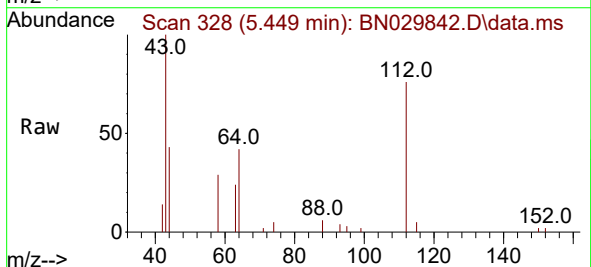
Instrument :
BNA_N
ClientSampleId :
PB158918BL

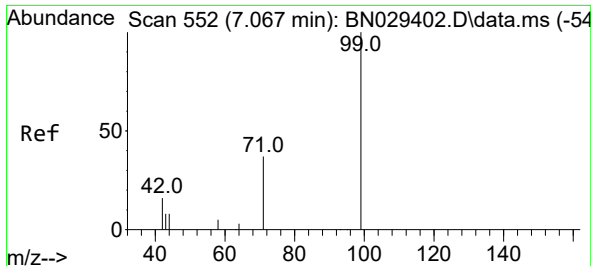
Tgt Ion:152 Resp: 3925
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 68.0 51.4 77.0



#4
2-Fluorophenol
Concen: 0.430 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

Tgt Ion:112 Resp: 4058
Ion Ratio Lower Upper
112 100
64 56.8 47.2 70.8
63 31.8 25.8 38.6

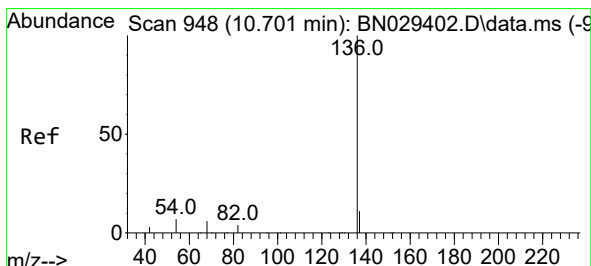
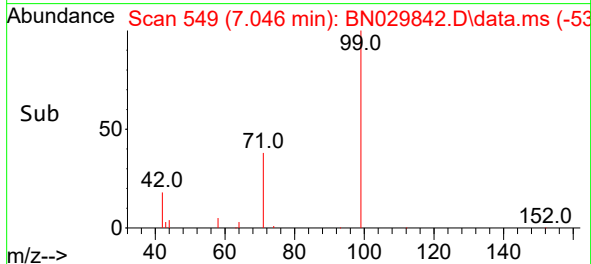
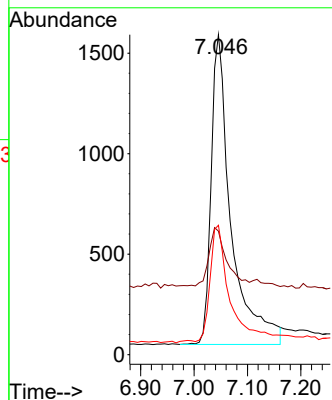
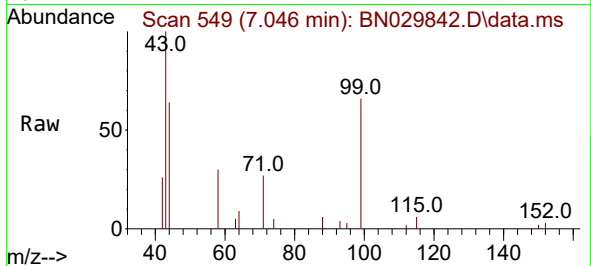




#5
Phenol-d6
Concen: 0.366 ng
RT: 7.046 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

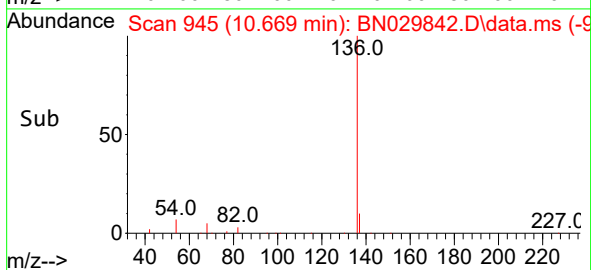
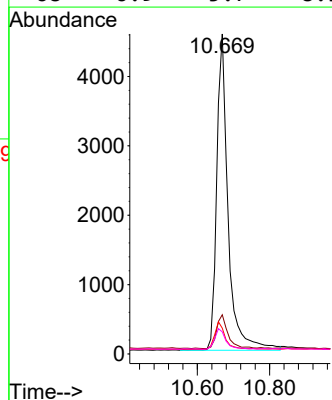
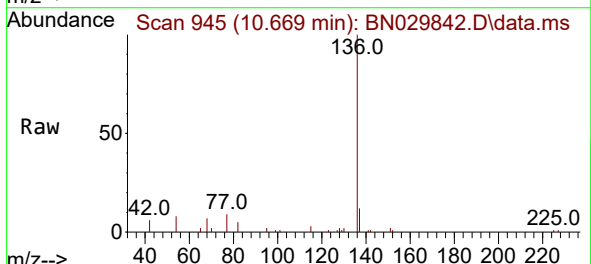
Instrument :
BNA_N
ClientSampleId :
PB158918BL

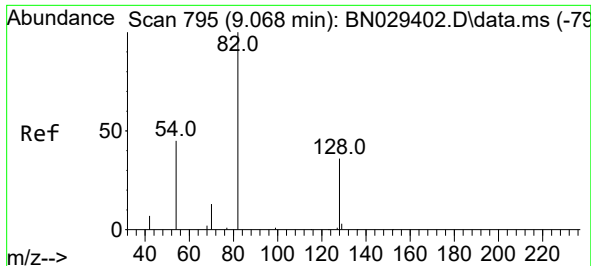
Tgt Ion: 99 Resp: 3984
Ion Ratio Lower Upper
99 100
42 16.2 16.9 25.3#
71 37.4 30.0 45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

Tgt Ion: 136 Resp: 9930
Ion Ratio Lower Upper
136 100
137 12.2 9.7 14.5
54 8.1 6.6 10.0
68 6.9 5.7 8.5

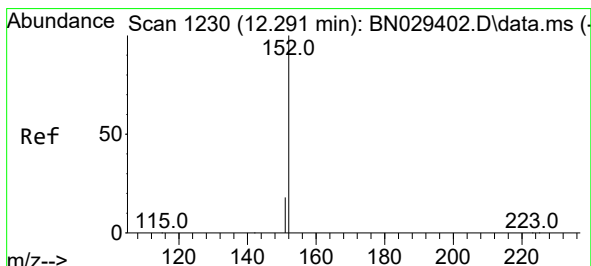
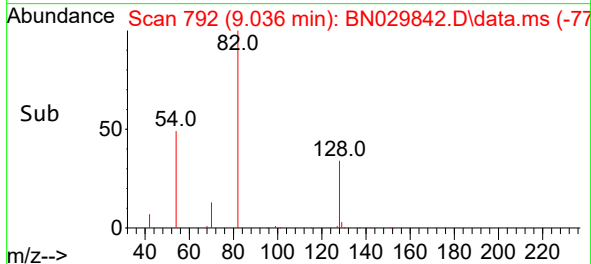
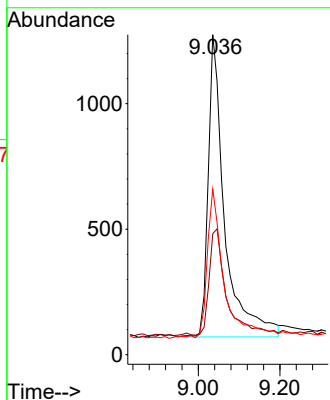
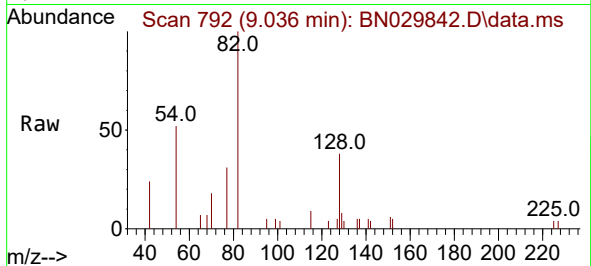




#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 9.036 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

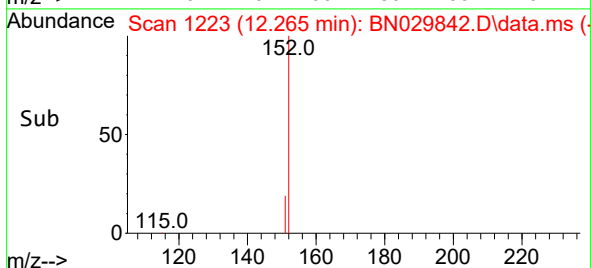
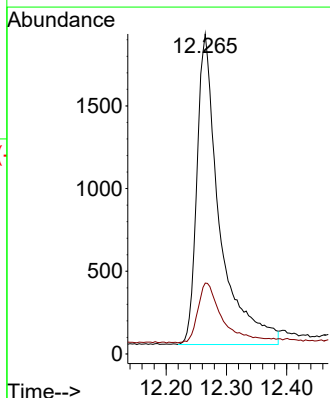
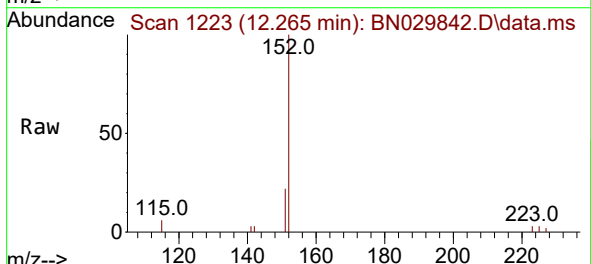
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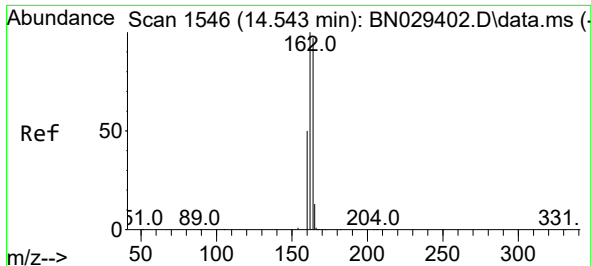
Tgt Ion: 82 Resp: 3377
Ion Ratio Lower Upper
82 100
128 37.8 31.6 47.4
54 51.8 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.265 min Scan# 1223
Delta R.T. 0.008 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

Tgt Ion: 152 Resp: 4905
Ion Ratio Lower Upper
152 100
151 20.7 17.1 25.7

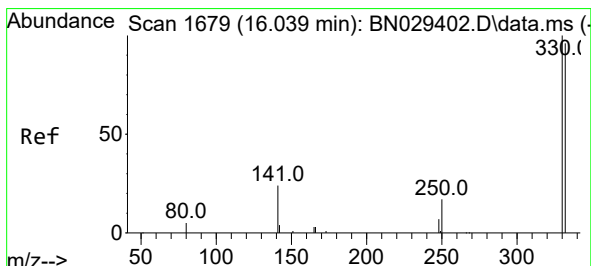
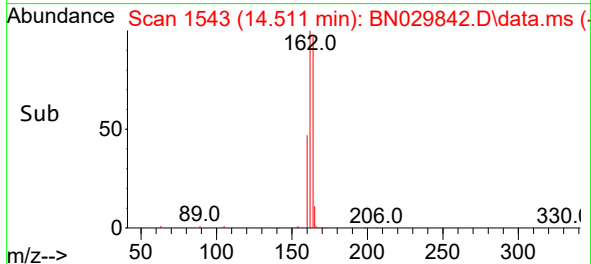
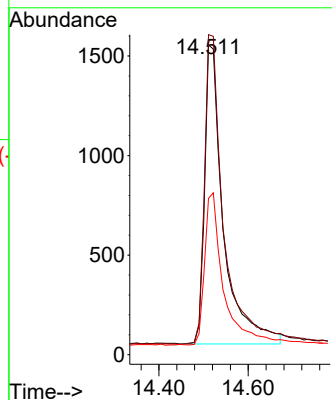
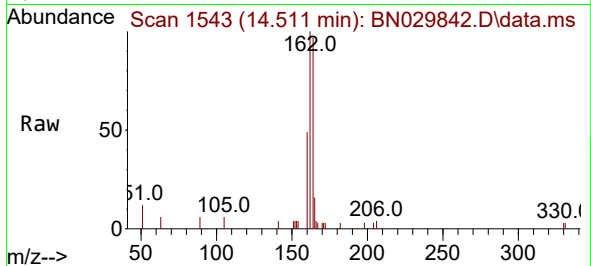




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.511 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BN029842.D
 Acq: 17 Feb 2024 00:25

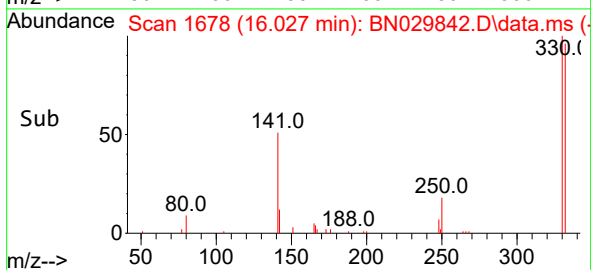
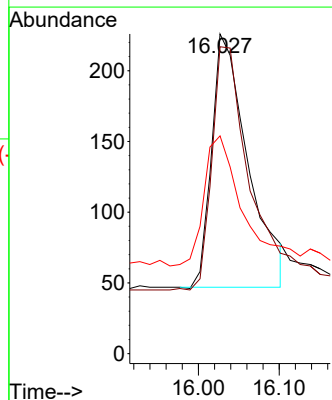
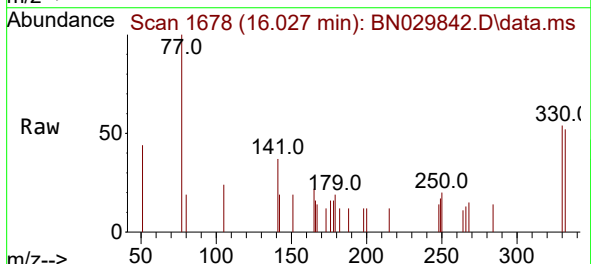
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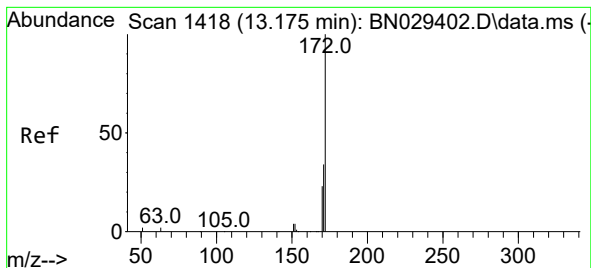
Tgt Ion:164 Resp: 4400
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 50.4 41.5 62.3



#14
 2,4,6-Tribromophenol
 Concen: 0.396 ng
 RT: 16.027 min Scan# 1678
 Delta R.T. 0.025 min
 Lab File: BN029842.D
 Acq: 17 Feb 2024 00:25

Tgt Ion:330 Resp: 559
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.0 114.0
 141 52.8 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.356 ng

RT: 13.143 min Scan# 1418

Delta R.T. 0.011 min

Lab File: BN029842.D

Acq: 17 Feb 2024 00:25

Instrument :

BNA_N

ClientSampleId :

PB158918BL

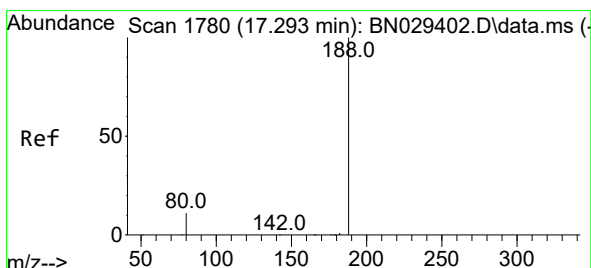
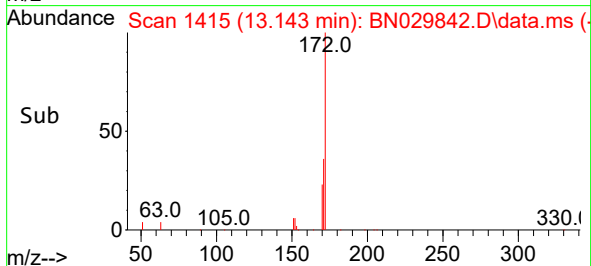
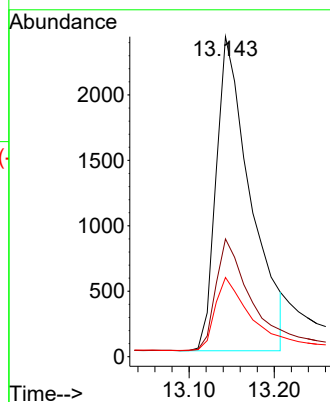
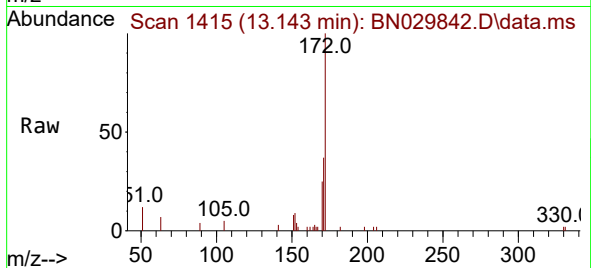
Tgt Ion:172 Resp: 6728

Ion Ratio Lower Upper

172 100

171 36.8 28.0 42.0

170 24.8 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.280 min Scan# 1779

Delta R.T. 0.025 min

Lab File: BN029842.D

Acq: 17 Feb 2024 00:25

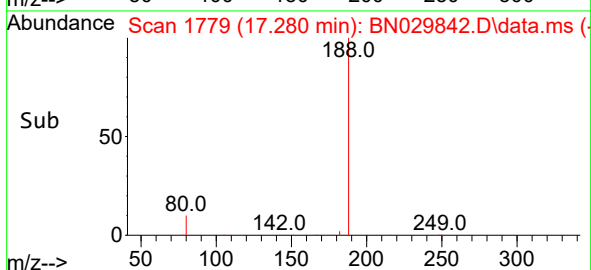
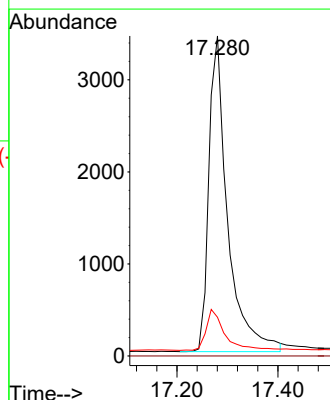
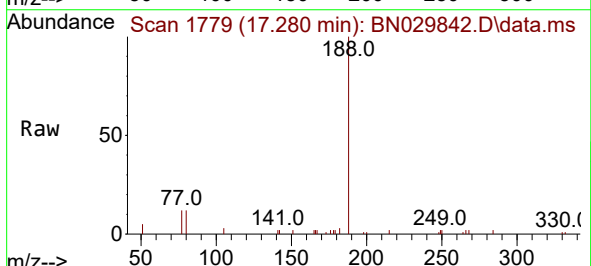
Tgt Ion:188 Resp: 8850

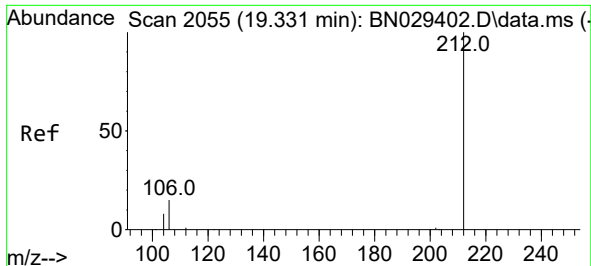
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.1 10.0 15.0

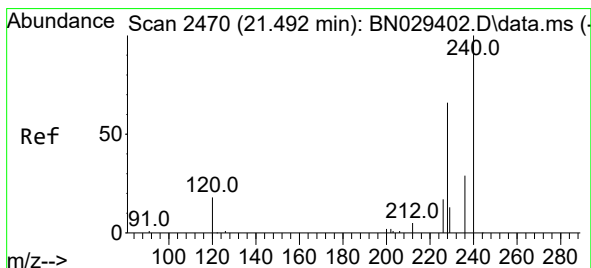
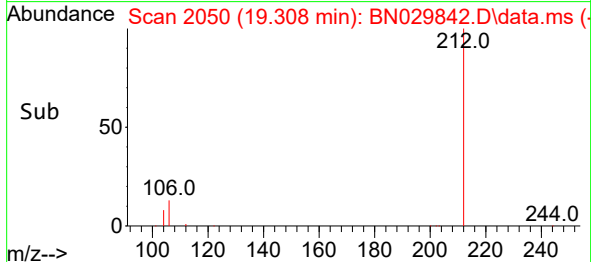
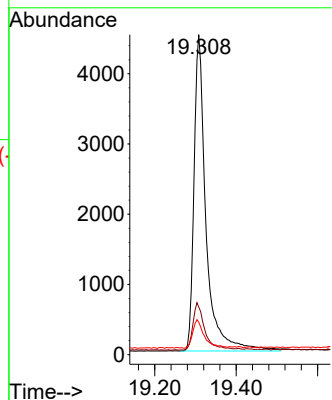
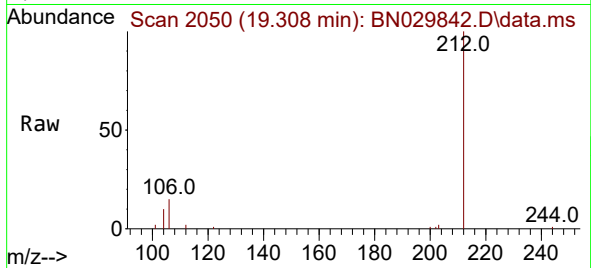




#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.308 min Scan# 2050
Delta R.T. 0.009 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

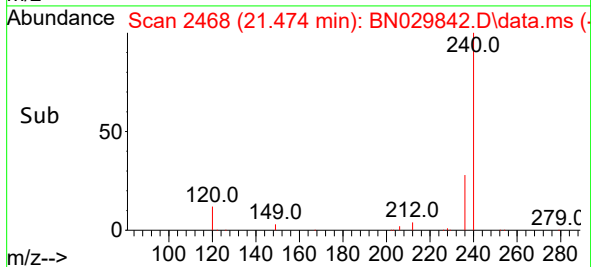
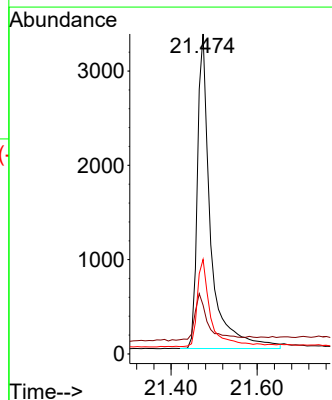
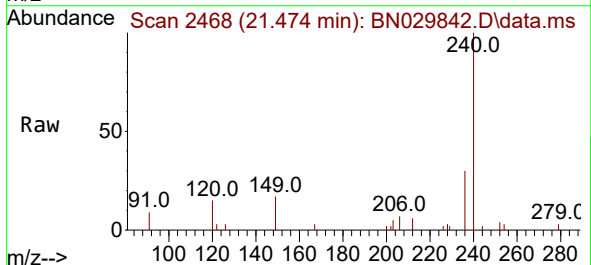
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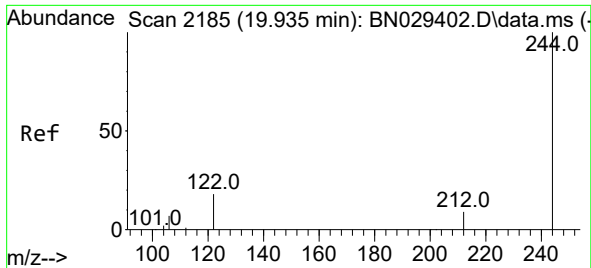
Tgt Ion:212 Resp: 9232
Ion Ratio Lower Upper
212 100
106 14.5 13.2 19.8
104 8.8 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.474 min Scan# 2468
Delta R.T. 0.009 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

Tgt Ion:240 Resp: 7147
Ion Ratio Lower Upper
240 100
120 15.3 16.7 25.1#
236 29.5 23.9 35.9

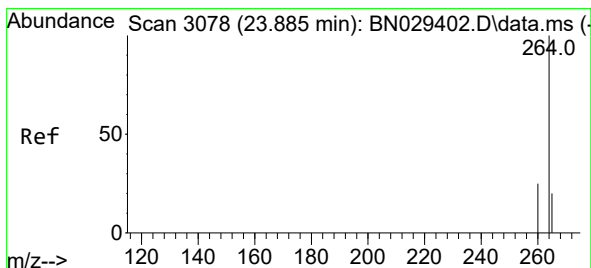
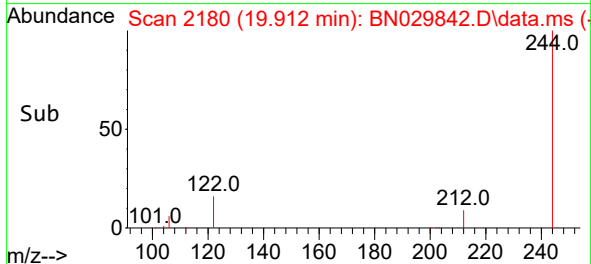
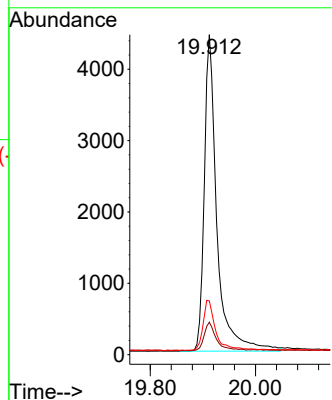
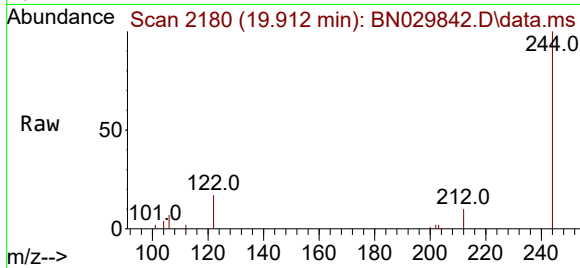




#31
 Terphenyl-d14
 Concen: 0.417 ng
 RT: 19.912 min Scan# 2185
 Delta R.T. 0.005 min
 Lab File: BN029842.D
 Acq: 17 Feb 2024 00:25

Instrument :
 BNA_N
 ClientSampleId :
 PB158918BL

Tgt Ion:244 Resp: 7398
 Ion Ratio Lower Upper
 244 100
 212 10.1 8.2 12.4
 122 16.8 15.6 23.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.847 min Scan# 3065
 Delta R.T. 0.015 min
 Lab File: BN029842.D
 Acq: 17 Feb 2024 00:25

Tgt Ion:264 Resp: 6189
 Ion Ratio Lower Upper
 264 100
 260 28.7 21.2 31.8
 265 77.4 41.5 62.3#

