

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052824\
 Data File : BN031670.D
 Acq On : 28 May 2024 11:40
 Operator : MA/JU
 Sample : PB161112BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161112BL

Quant Time: May 28 12:45:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	14599	0.400	ng	-0.03
7) Naphthalene-d8	10.475	136	45255	0.400	ng	#-0.02
13) Acenaphthene-d10	14.328	164	22366	0.400	ng	-0.02
19) Phenanthrene-d10	17.066	188	41074	0.400	ng	-0.02
29) Chrysene-d12	21.256	240	27558	0.400	ng	-0.02
35) Perylene-d12	23.490	264	29302	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.285	112	13673	0.330	ng	-0.01
5) Phenol-d6	6.859	99	17500	0.313	ng	-0.01
8) Nitrobenzene-d5	8.841	82	13985	0.431	ng	-0.02
11) 2-Methylnaphthalene-d10	12.062	152	22901	0.314	ng	-0.03
14) 2,4,6-Tribromophenol	15.812	330	925	0.109	ng	-0.02
15) 2-Fluorobiphenyl	12.949	172	36512	0.423	ng	-0.03
27) Fluoranthene-d10	19.100	212	31626	0.278	ng	-0.02
31) Terphenyl-d14	19.704	244	26277	0.390	ng	-0.03

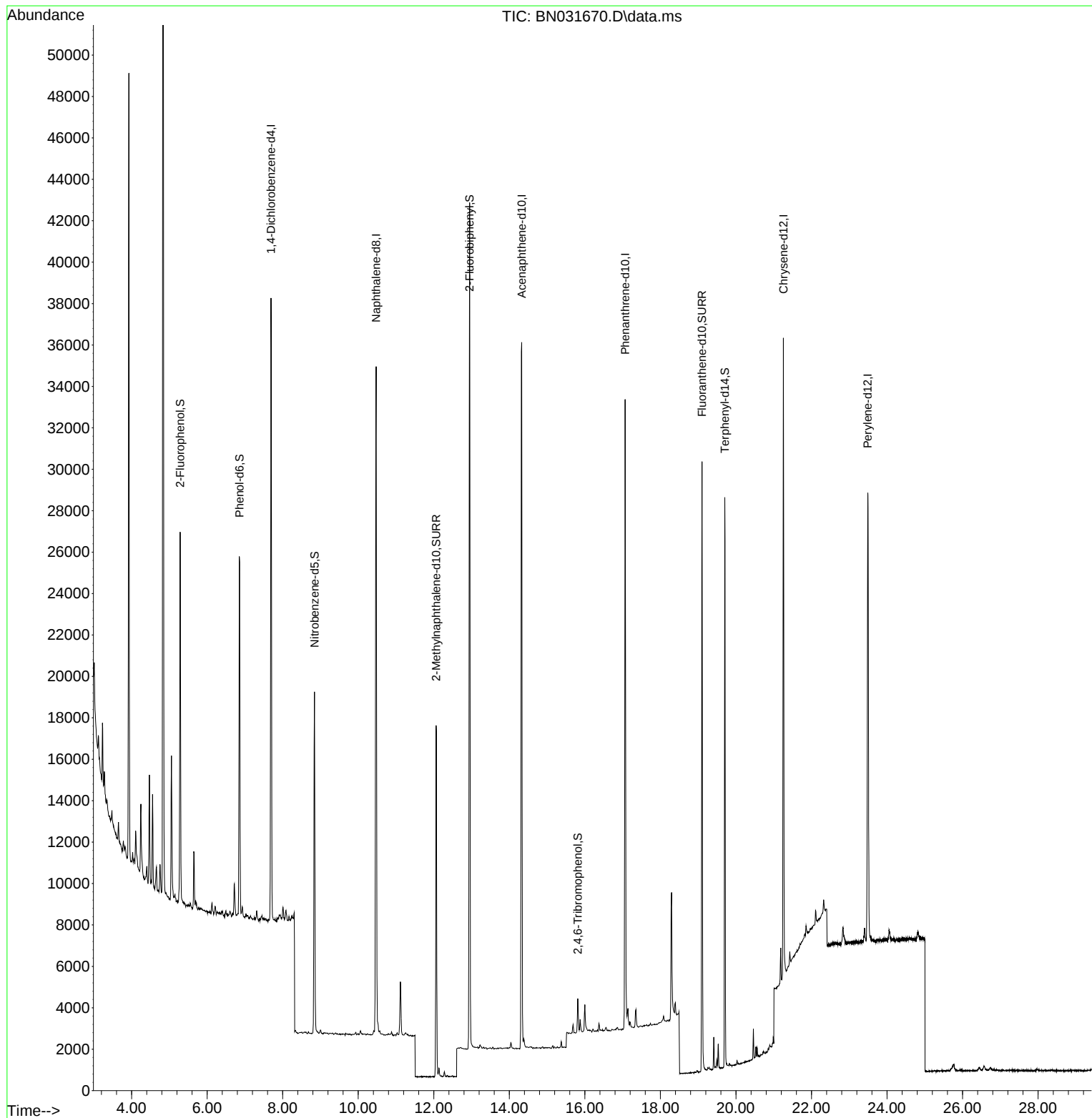
Target Compounds	Qvalue

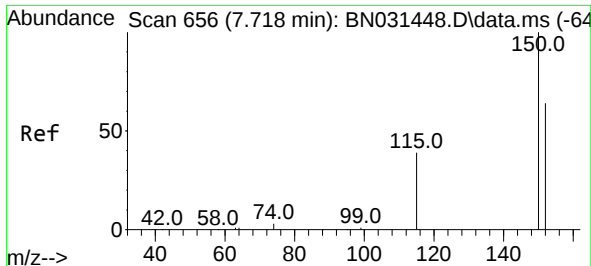
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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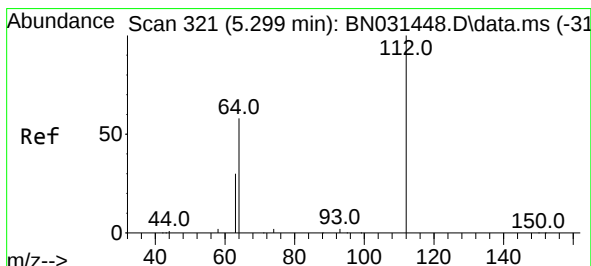
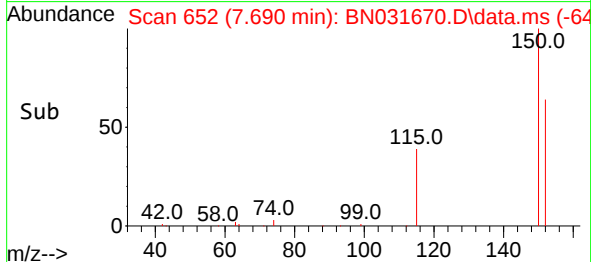
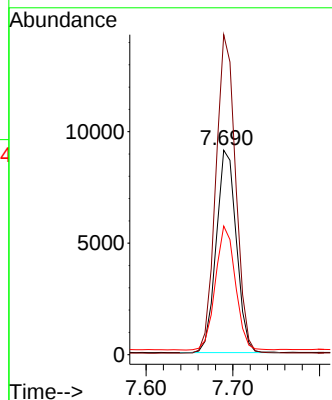
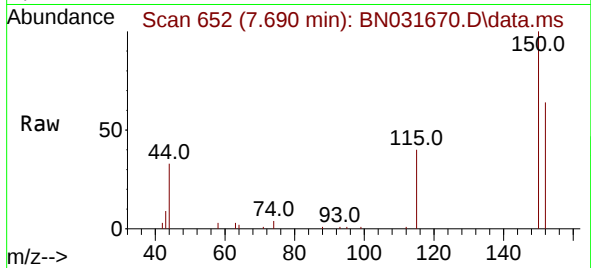




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.690 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN031670.D
 Acq: 28 May 2024 11:40

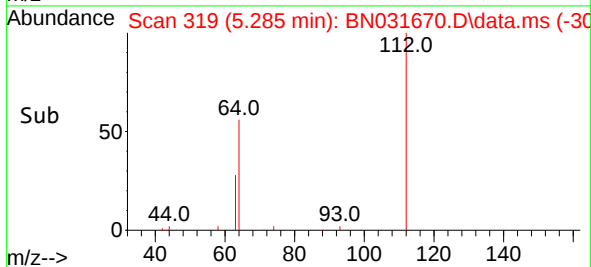
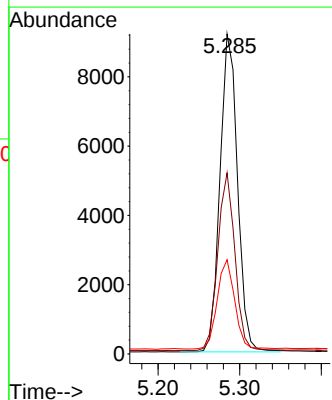
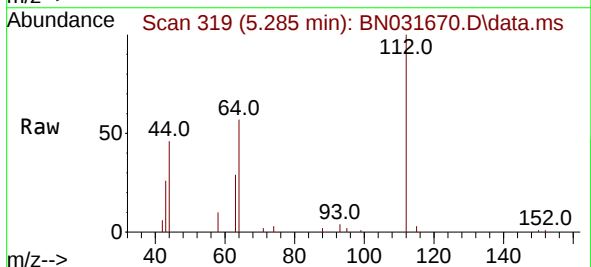
Instrument :
 BNA_N
 ClientSampleId :
 PB161112BL

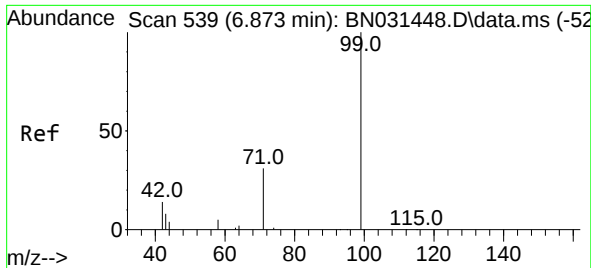
Tgt Ion:152 Resp: 14599
 Ion Ratio Lower Upper
 152 100
 150 156.5 119.3 178.9
 115 62.9 54.8 82.2



#4
 2-Fluorophenol
 Concen: 0.330 ng
 RT: 5.285 min Scan# 319
 Delta R.T. -0.014 min
 Lab File: BN031670.D
 Acq: 28 May 2024 11:40

Tgt Ion:112 Resp: 13673
 Ion Ratio Lower Upper
 112 100
 64 54.5 44.0 66.0
 63 27.9 22.2 33.4

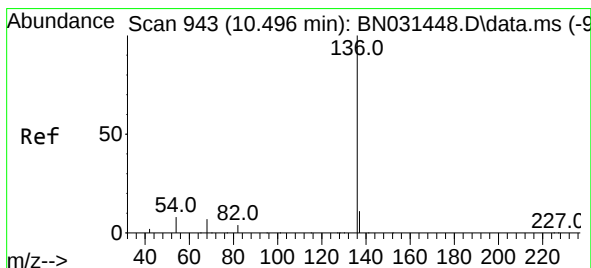
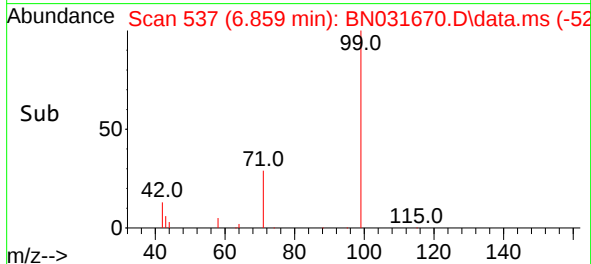
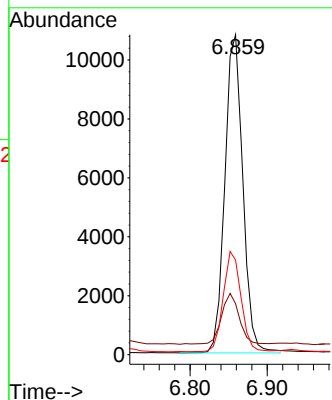
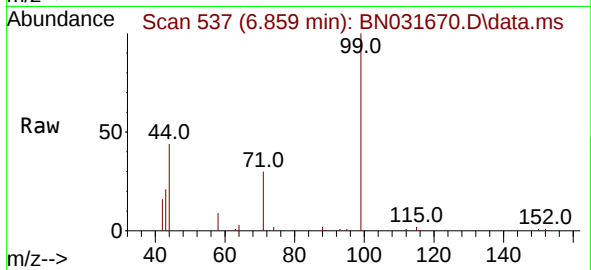




#5
Phenol-d6
Concen: 0.313 ng
RT: 6.859 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN031670.D
Acq: 28 May 2024 11:40

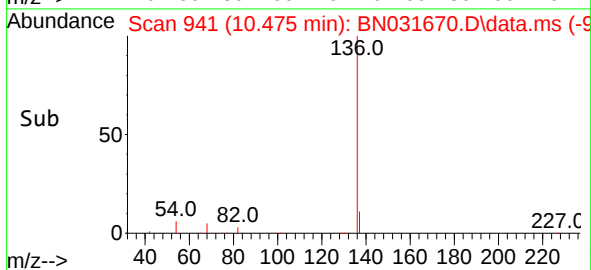
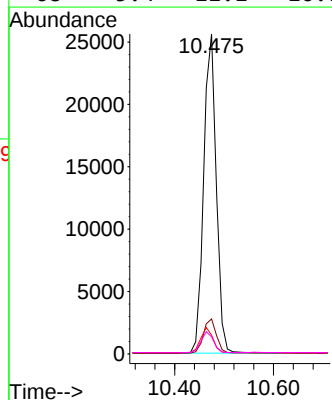
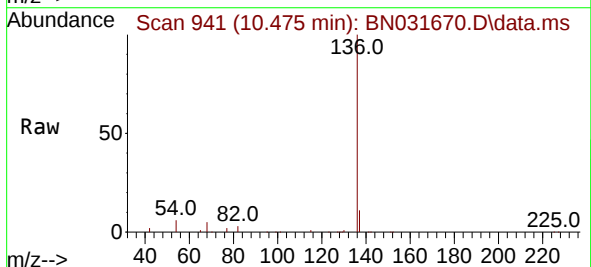
Instrument :
BNA_N
ClientSampleId :
PB161112BL

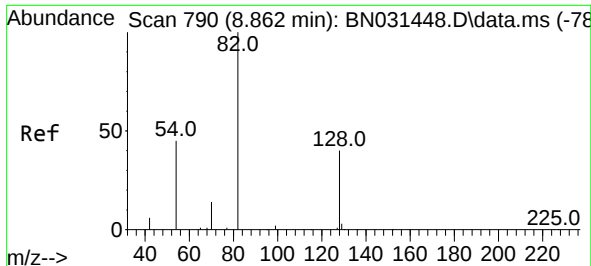
Tgt Ion: 99 Resp: 17500
Ion Ratio Lower Upper
99 100
42 15.9 13.5 20.3
71 31.1 26.1 39.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.475 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN031670.D
Acq: 28 May 2024 11:40

Tgt Ion: 136 Resp: 45255
Ion Ratio Lower Upper
136 100
137 11.0 10.1 15.1
54 5.9 10.5 15.7#
68 5.4 11.1 16.7#

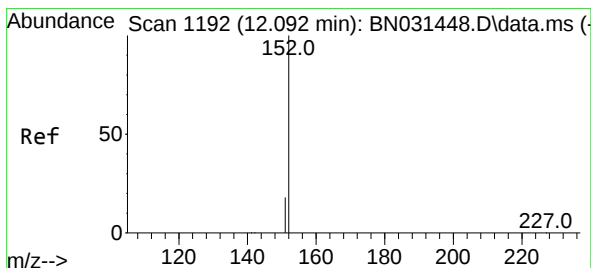
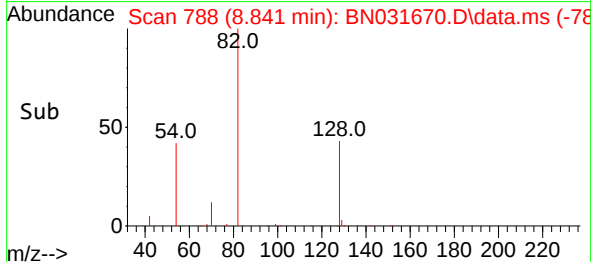
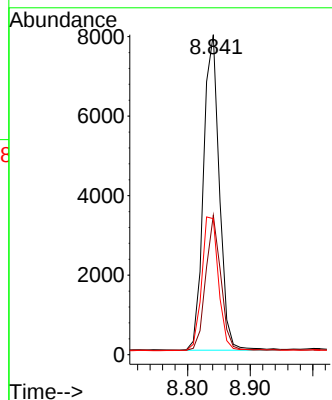
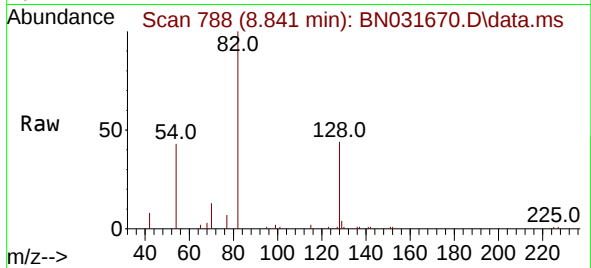




#8
 Nitrobenzene-d5
 Concen: 0.431 ng
 RT: 8.841 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN031670.D
 Acq: 28 May 2024 11:40

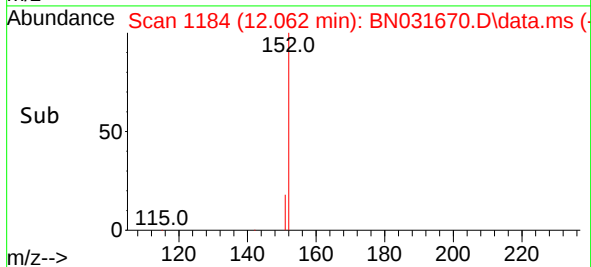
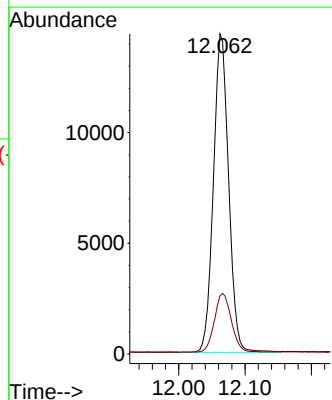
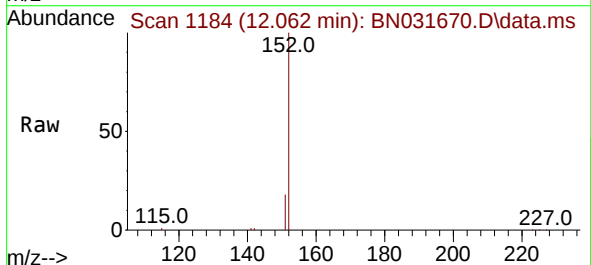
Instrument :
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 ClientSampleId :
 PB161112BL

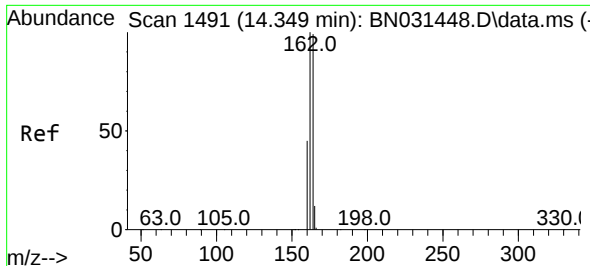
Tgt Ion: 82 Resp: 13985
 Ion Ratio Lower Upper
 82 100
 128 43.6 29.0 43.6
 54 42.5 37.2 55.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.314 ng
 RT: 12.062 min Scan# 1184
 Delta R.T. -0.030 min
 Lab File: BN031670.D
 Acq: 28 May 2024 11:40

Tgt Ion: 152 Resp: 22901
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.6 25.0

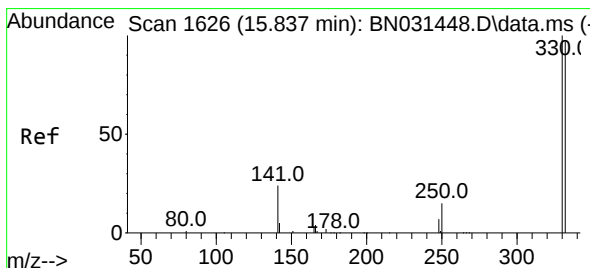
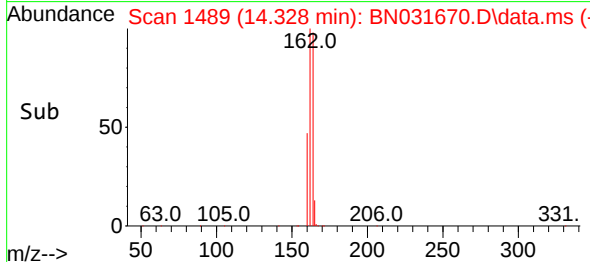
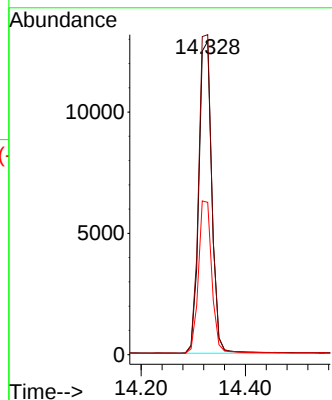
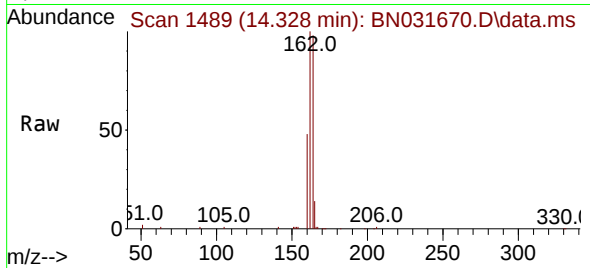




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.328 min Scan# 1489
 Delta R.T. -0.021 min
 Lab File: BN031670.D
 Acq: 28 May 2024 11:40

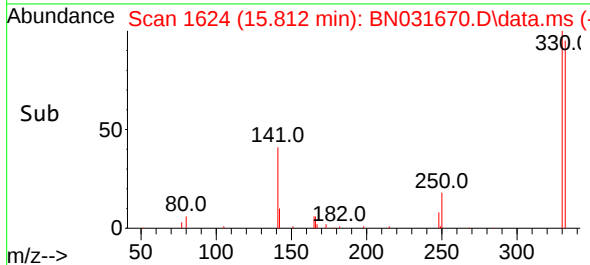
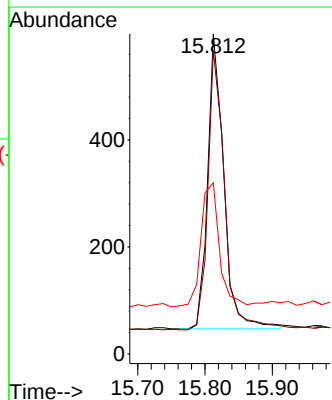
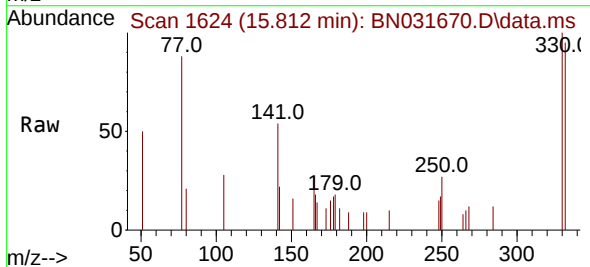
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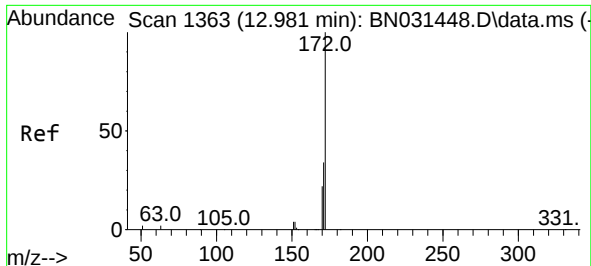
Tgt Ion:164 Resp: 22366
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.2 121.8
 160 48.6 37.0 55.6



#14
 2,4,6-Tribromophenol
 Concen: 0.109 ng
 RT: 15.812 min Scan# 1624
 Delta R.T. -0.025 min
 Lab File: BN031670.D
 Acq: 28 May 2024 11:40

Tgt Ion:330 Resp: 925
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 48.4 37.0 55.4

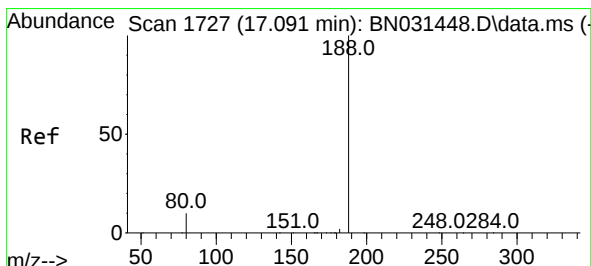
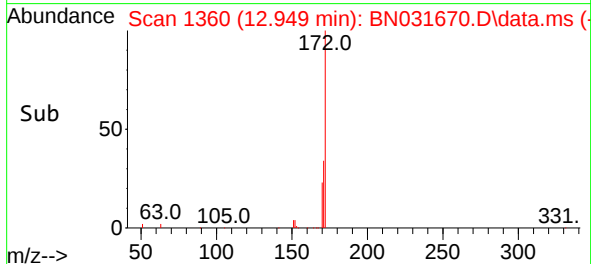
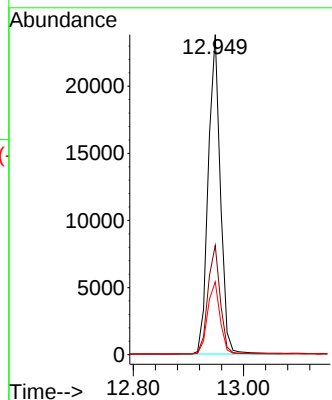
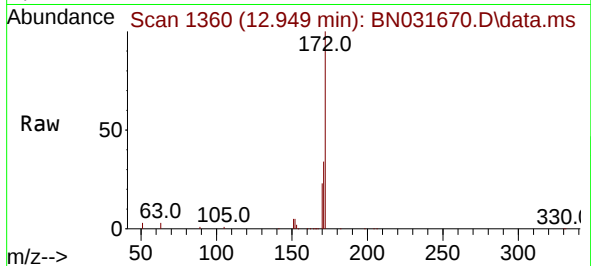




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.949 min Scan# 11
Delta R.T. -0.032 min
Lab File: BN031670.D
Acq: 28 May 2024 11:40

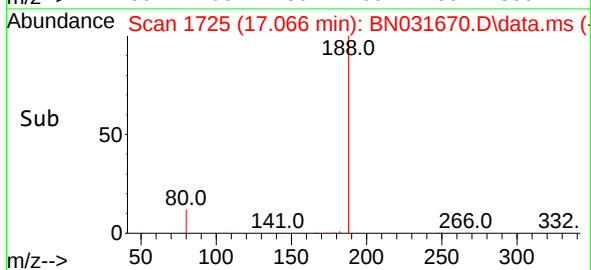
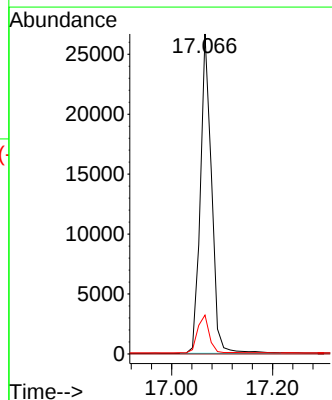
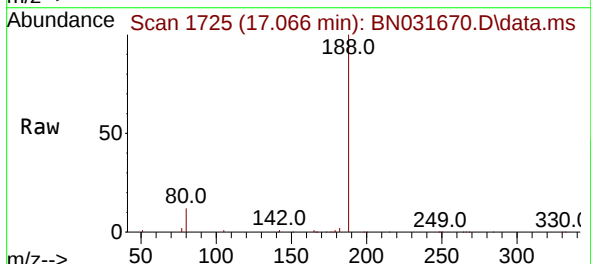
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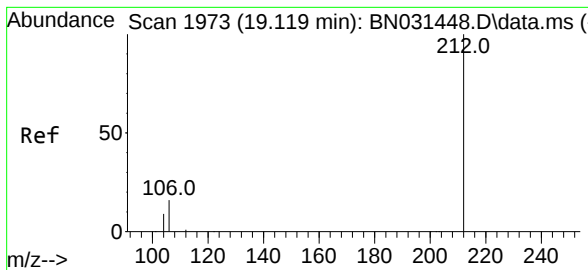
Tgt Ion:172 Resp: 36512
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.8
170 22.8 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.025 min
Lab File: BN031670.D
Acq: 28 May 2024 11:40

Tgt Ion:188 Resp: 41074
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 9.6 14.4





#27

Fluoranthene-d10

Concen: 0.278 ng

RT: 19.100 min Scan# 1973

Delta R.T. -0.019 min

Lab File: BN031670.D

Acq: 28 May 2024 11:40

Instrument :

BNA_N

ClientSampleId :

PB161112BL

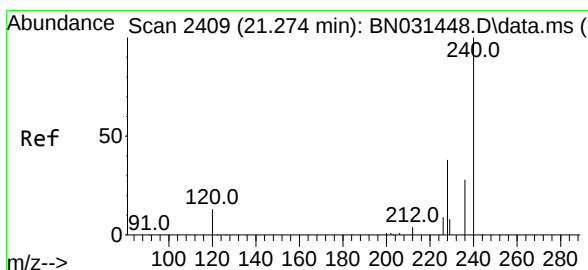
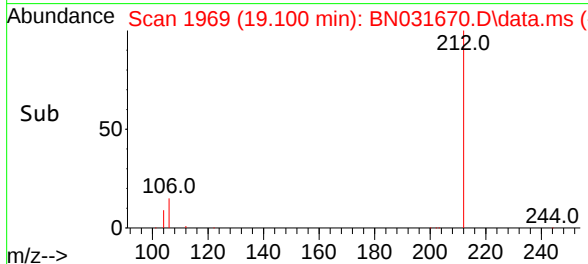
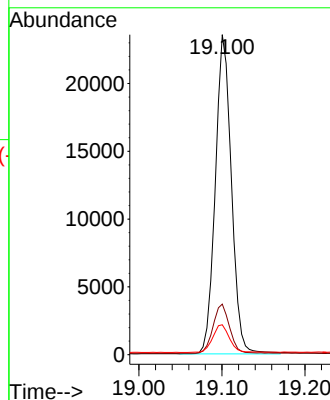
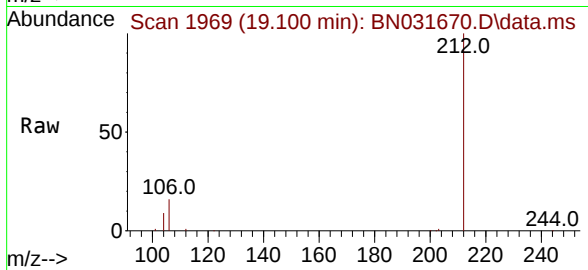
Tgt Ion:212 Resp: 31626

Ion Ratio Lower Upper

212 100

106 15.6 12.0 18.0

104 9.1 6.9 10.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.256 min Scan# 2407

Delta R.T. -0.018 min

Lab File: BN031670.D

Acq: 28 May 2024 11:40

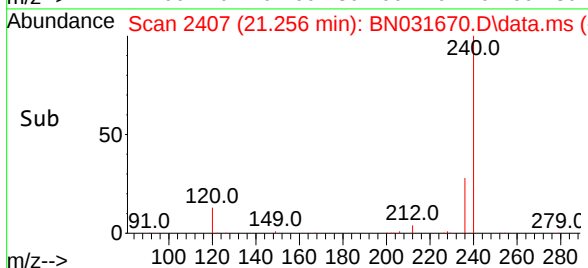
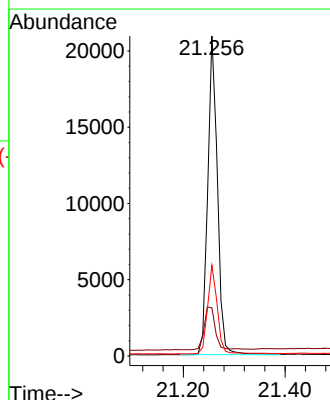
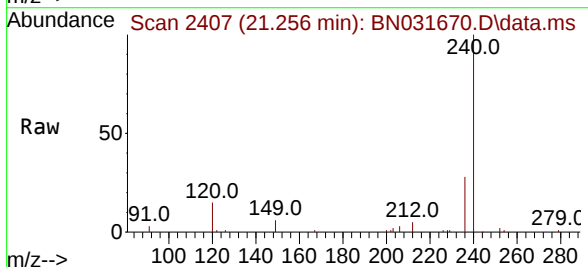
Tgt Ion:240 Resp: 27558

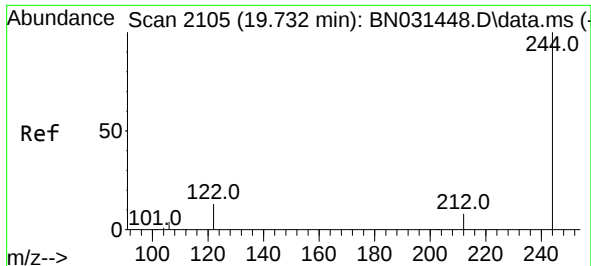
Ion Ratio Lower Upper

240 100

120 15.1 11.4 17.2

236 28.3 22.2 33.4

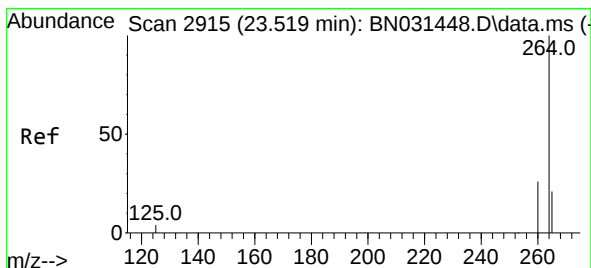
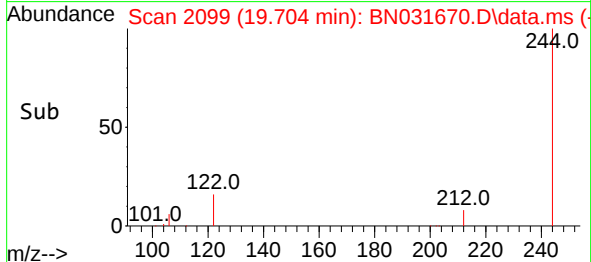
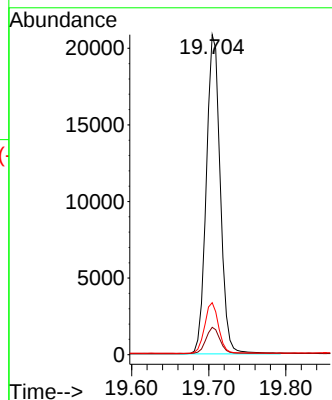
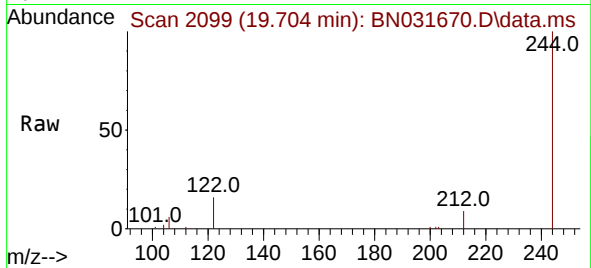




#31
 Terphenyl-d14
 Concen: 0.390 ng
 RT: 19.704 min Scan# 2099
 Delta R.T. -0.028 min
 Lab File: BN031670.D
 Acq: 28 May 2024 11:40

Instrument :
 BNA_N
 ClientSampleId :
 PB161112BL

Tgt Ion:244 Resp: 26277
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 16.2 11.4 17.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.490 min Scan# 2905
 Delta R.T. -0.029 min
 Lab File: BN031670.D
 Acq: 28 May 2024 11:40

Tgt Ion:264 Resp: 29302
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.6 31.0
 265 50.8 24.0 36.0#

