

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025624.D
 Acq On : 27 May 2023 01:30
 Operator : CG/JU
 Sample : PB153051BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153051BL

Quant Time: May 27 04:38:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 27 03:51:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	5875	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	15188	0.400	ng	# 0.00
13) Acenaphthene-d10	14.662	164	8184	0.400	ng	0.01
19) Phenanthrene-d10	17.406	188	14956	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	7036	0.400	ng	0.00
35) Perylene-d12	24.060	264	5919	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	5878	0.390	ng	0.00
5) Phenol-d6	7.182	99	5693	0.315	ng	0.00
8) Nitrobenzene-d5	9.202	82	4221	0.332	ng	0.01
11) 2-Methylnaphthalene-d10	12.430	152	8412	0.388	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	208	0.126	ng	0.01
15) 2-Fluorobiphenyl	13.294	172	12319	0.365	ng	0.01
27) Fluoranthene-d10	19.430	212	12679	0.374	ng	0.00
31) Terphenyl-d14	20.015	244	7501	0.487	ng	0.00

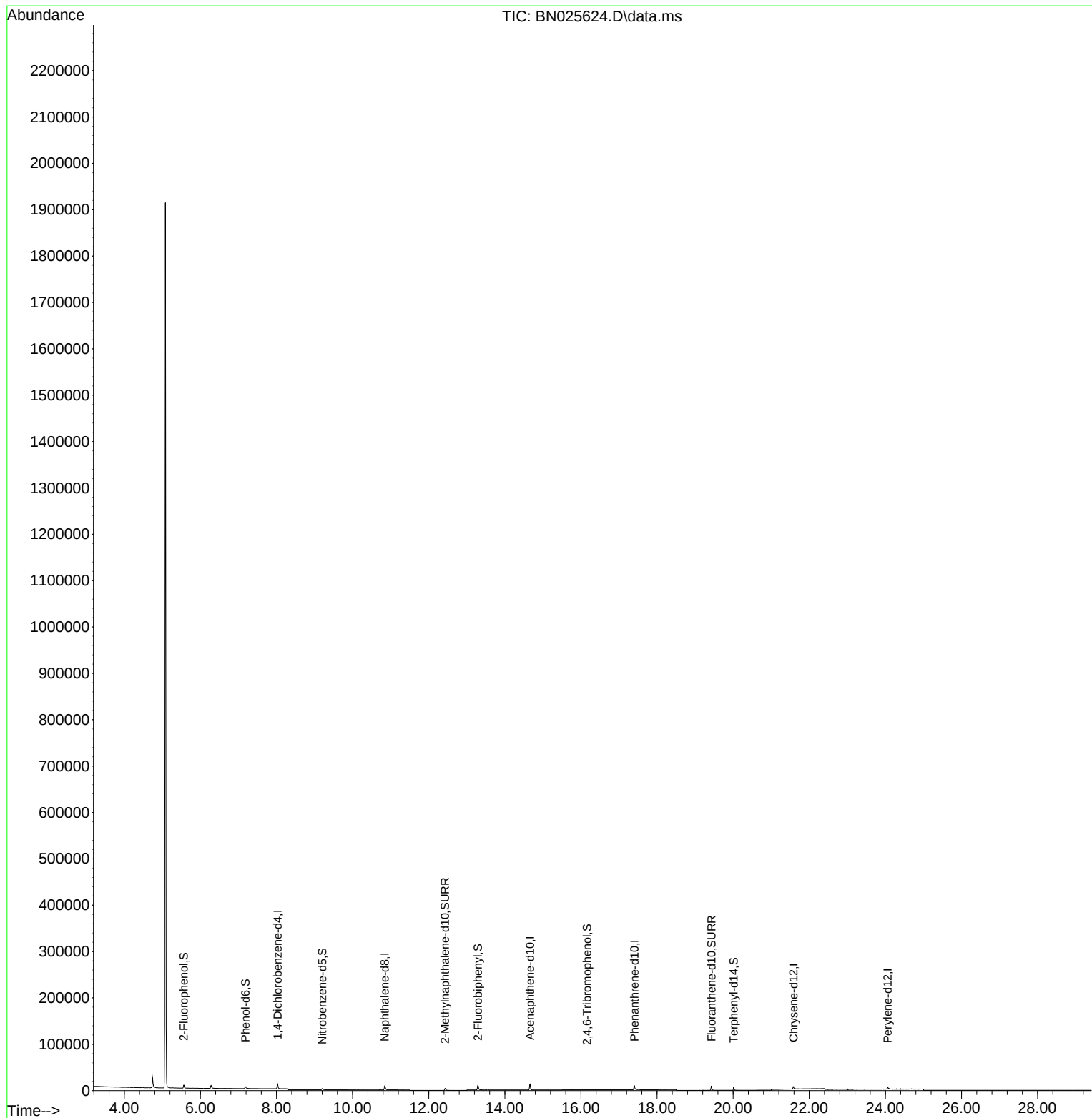
Target Compounds Qvalue

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

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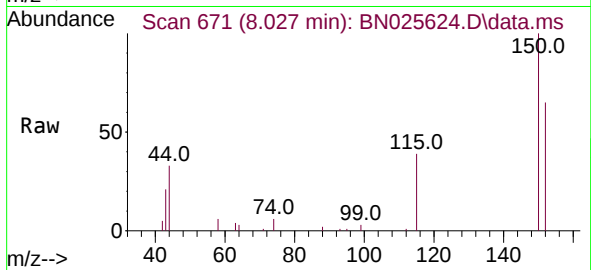
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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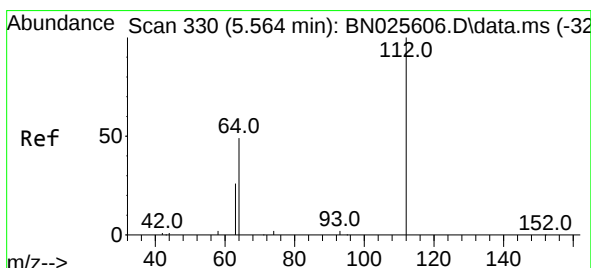
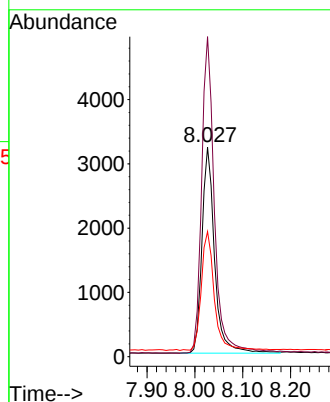
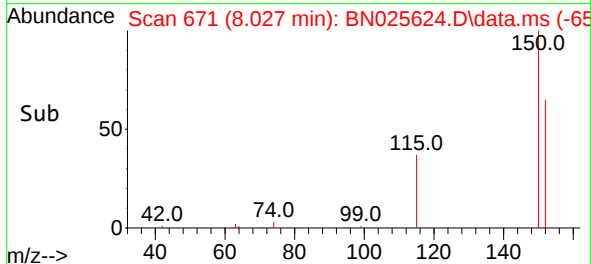


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.027 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025624.D
Acq: 27 May 2023 01:30

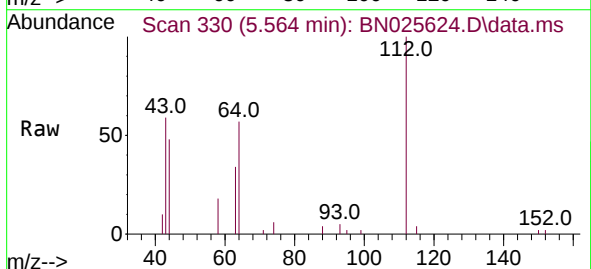
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ClientSampleId :
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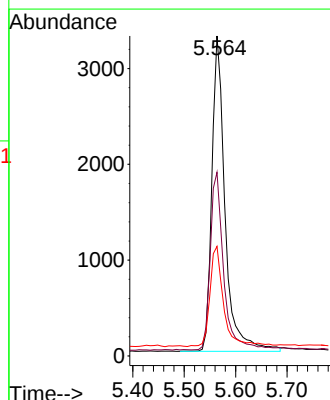
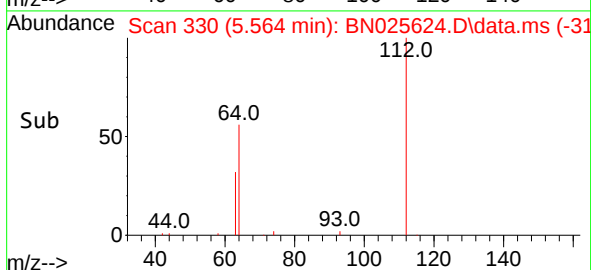
Tgt Ion:152 Resp: 5875
Ion Ratio Lower Upper
152 100
150 152.7 121.0 181.6
115 59.7 48.5 72.7



#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN025624.D
Acq: 27 May 2023 01:30



Tgt Ion:112 Resp: 5878
Ion Ratio Lower Upper
112 100
64 57.3 45.7 68.5
63 33.4 26.2 39.2

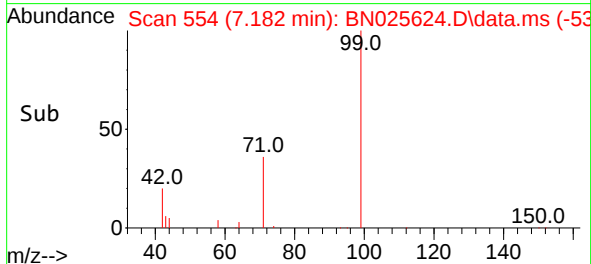
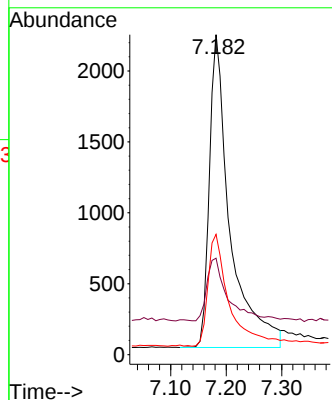
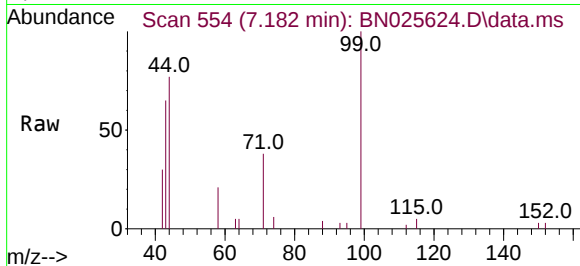




#5
Phenol-d6
Concen: 0.315 ng
RT: 7.182 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN025624.D
Acq: 27 May 2023 01:30

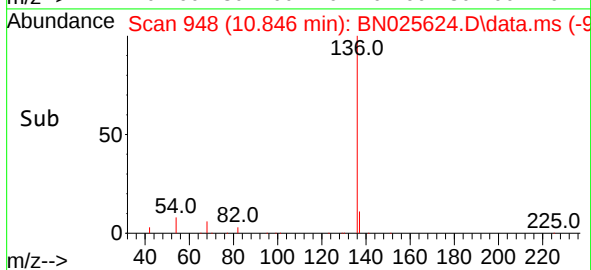
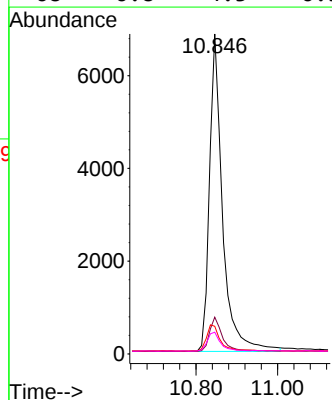
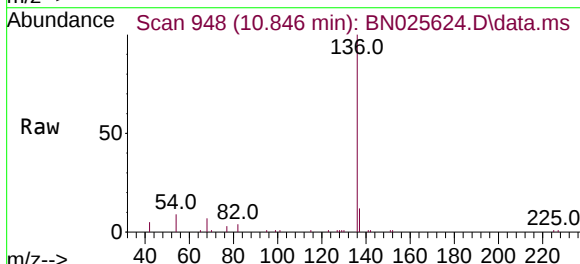
Instrument :
BNA_N
ClientSampleId :
PB153051BL

Tgt Ion: 99 Resp: 5693
Ion Ratio Lower Upper
99 100
42 20.4 17.1 25.7
71 36.9 29.3 43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025624.D
Acq: 27 May 2023 01:30

Tgt Ion: 136 Resp: 15188
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.6 5.4 8.0#
68 6.8 4.3 6.5#

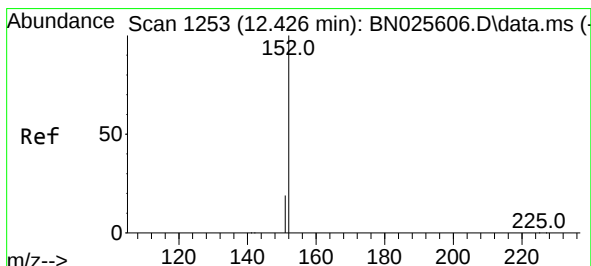
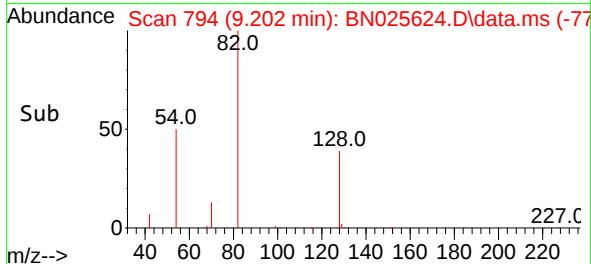
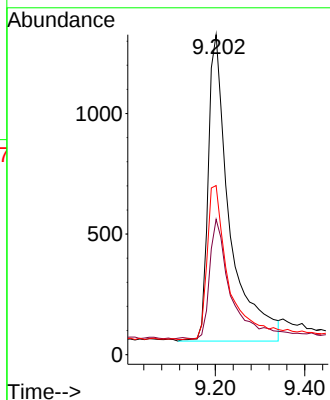
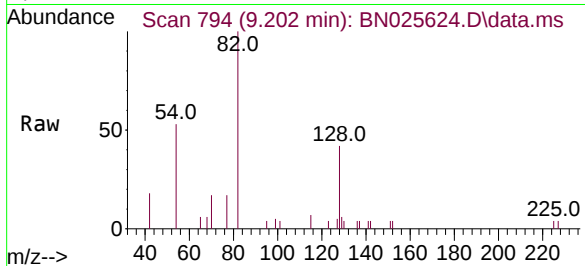




#8
 Nitrobenzene-d5
 Concen: 0.332 ng
 RT: 9.202 min Scan# 794
 Delta R.T. 0.011 min
 Lab File: BN025624.D
 Acq: 27 May 2023 01:30

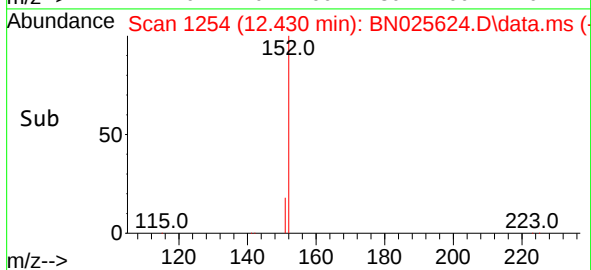
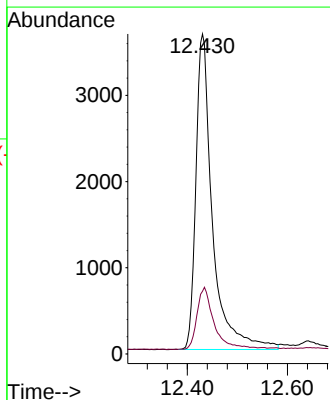
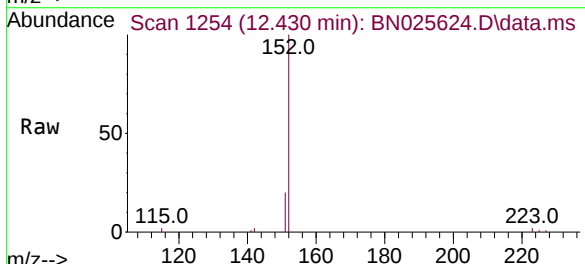
Instrument :
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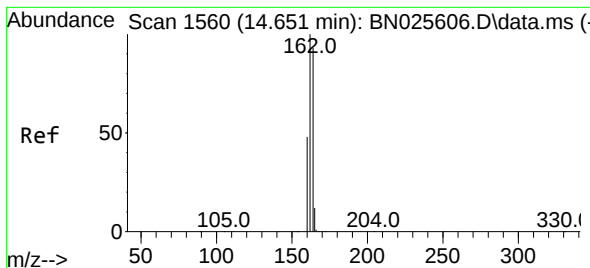
Tgt Ion: 82 Resp: 4221
 Ion Ratio Lower Upper
 82 100
 128 42.3 32.5 48.7
 54 52.8 40.6 60.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 12.430 min Scan# 1254
 Delta R.T. 0.004 min
 Lab File: BN025624.D
 Acq: 27 May 2023 01:30

Tgt Ion: 152 Resp: 8412
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1561

Delta R.T. 0.011 min

Lab File: BN025624.D

Acq: 27 May 2023 01:30

Instrument :

BNA_N

ClientSampleId :

PB153051BL

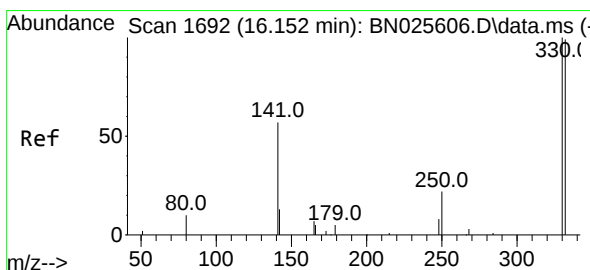
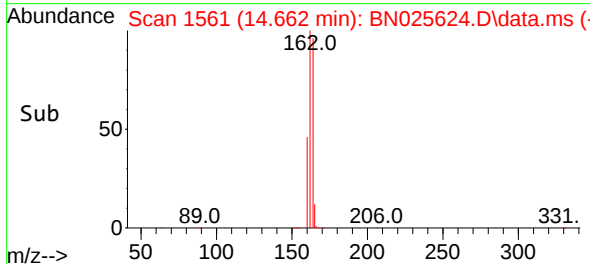
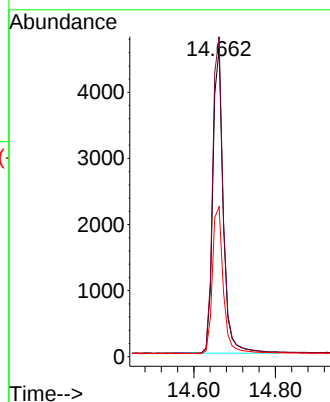
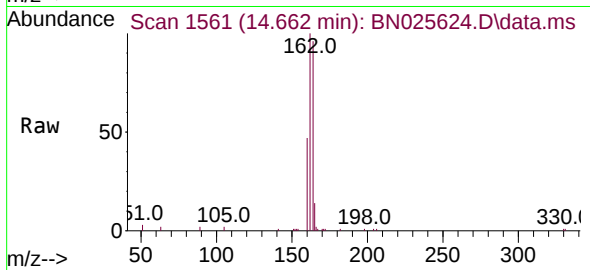
Tgt Ion:164 Resp: 8184

Ion Ratio Lower Upper

164 100

162 104.0 86.4 129.6

160 48.7 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.126 ng

RT: 16.164 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BN025624.D

Acq: 27 May 2023 01:30

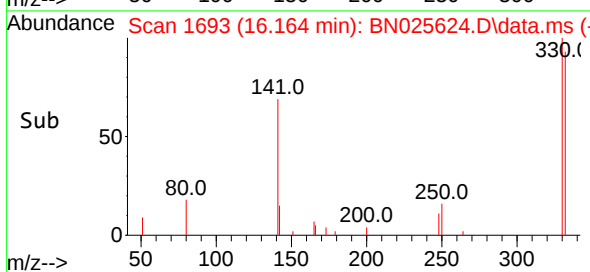
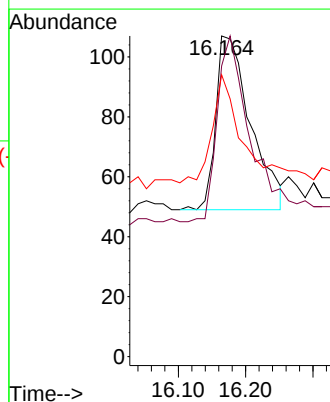
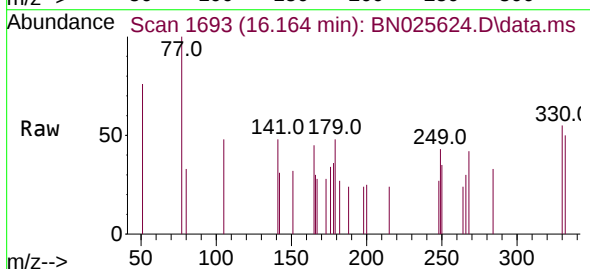
Tgt Ion:330 Resp: 208

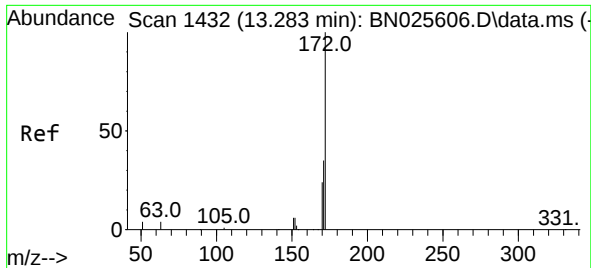
Ion Ratio Lower Upper

330 100

332 102.4 80.0 120.0

141 52.9 45.8 68.6

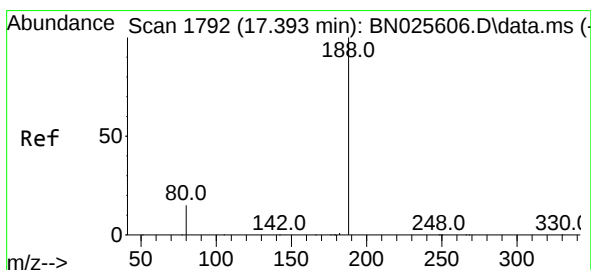
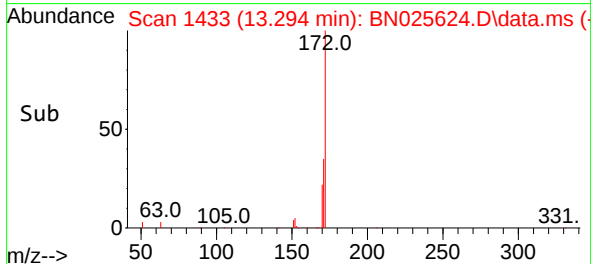
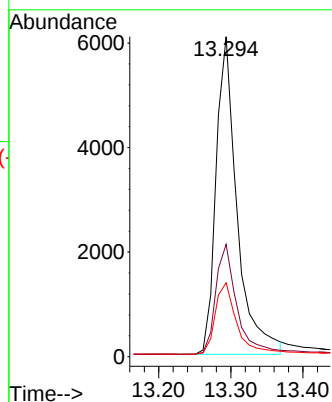
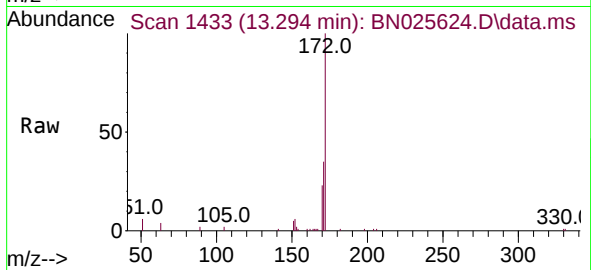




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.294 min Scan# 1432
Delta R.T. 0.011 min
Lab File: BN025624.D
Acq: 27 May 2023 01:30

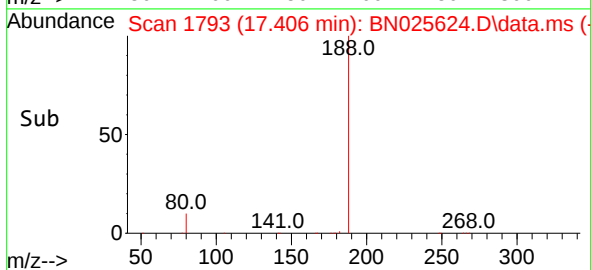
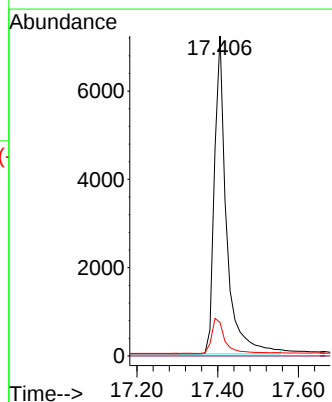
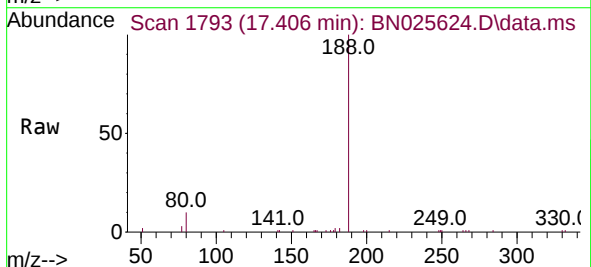
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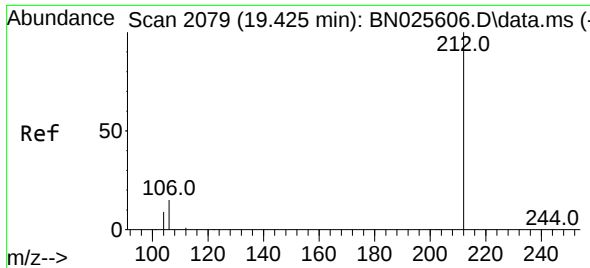
Tgt Ion:172 Resp: 12319
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.1 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BN025624.D
Acq: 27 May 2023 01:30

Tgt Ion:188 Resp: 14956
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 12.2 18.2#

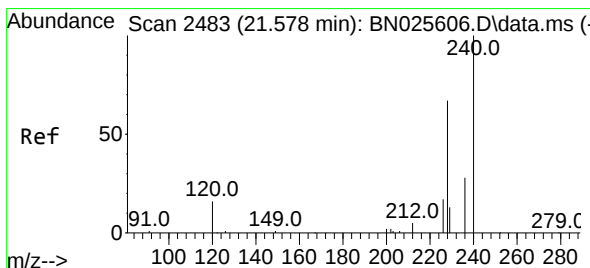
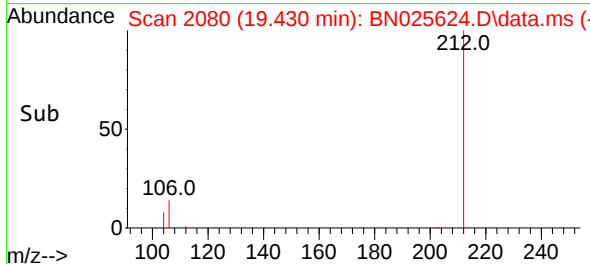
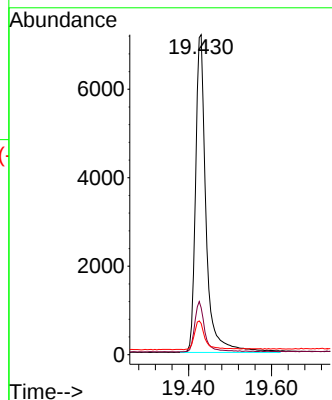
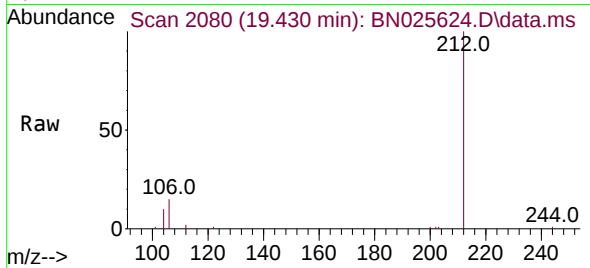




#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.430 min Scan# 2079
Delta R.T. 0.005 min
Lab File: BN025624.D
Acq: 27 May 2023 01:30

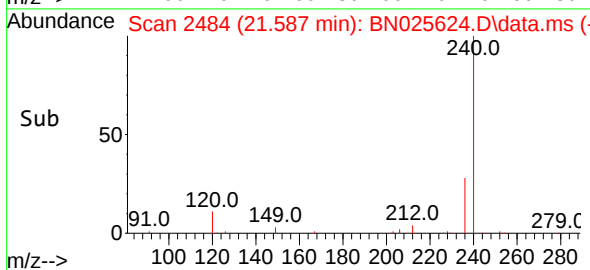
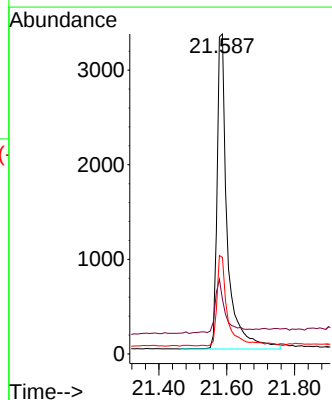
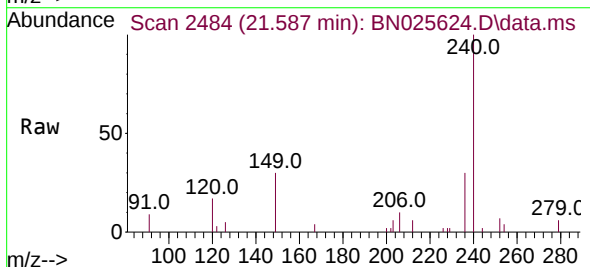
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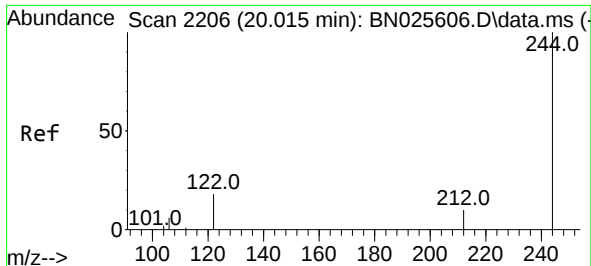
Tgt Ion:212 Resp: 12679
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 9.0 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN025624.D
Acq: 27 May 2023 01:30

Tgt Ion:240 Resp: 7036
Ion Ratio Lower Upper
240 100
120 17.1 15.4 23.0
236 30.2 23.2 34.8

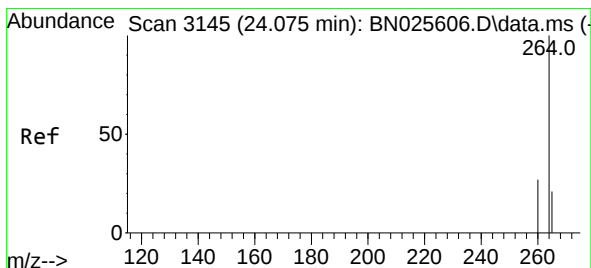
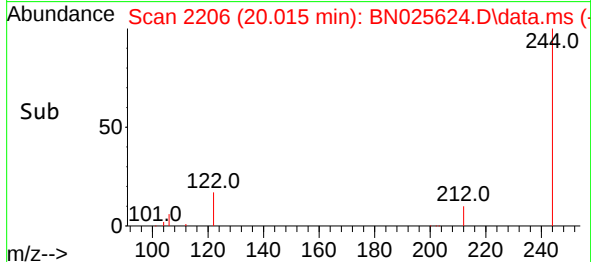
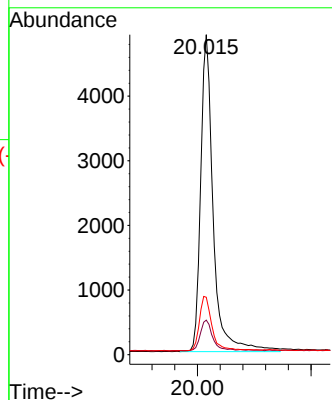
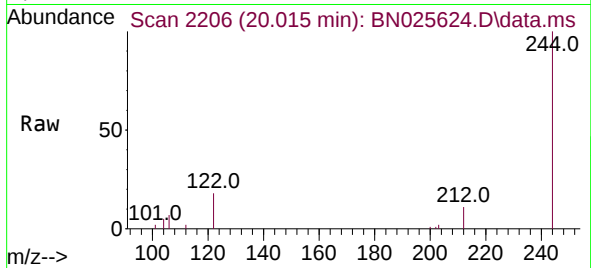




#31
 Terphenyl-d14
 Concen: 0.487 ng
 RT: 20.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN025624.D
 Acq: 27 May 2023 01:30

Instrument :
 BNA_N
 ClientSampleId :
 PB153051BL

Tgt Ion:244 Resp: 7501
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.5 12.7
 122 17.9 14.9 22.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.060 min Scan# 3140
 Delta R.T. -0.015 min
 Lab File: BN025624.D
 Acq: 27 May 2023 01:30

Tgt Ion:264 Resp: 5919
 Ion Ratio Lower Upper
 264 100
 260 27.6 22.3 33.5
 265 94.5 54.3 81.5#

