

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071822\
 Data File : BN020758.D
 Acq On : 18 Jul 2022 15:58
 Operator : CG/JU
 Sample : PB146276BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB146276BL

Quant Time: Jul 19 03:54:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 16 03:21:59 2022
 Response via : Initial Calibration

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

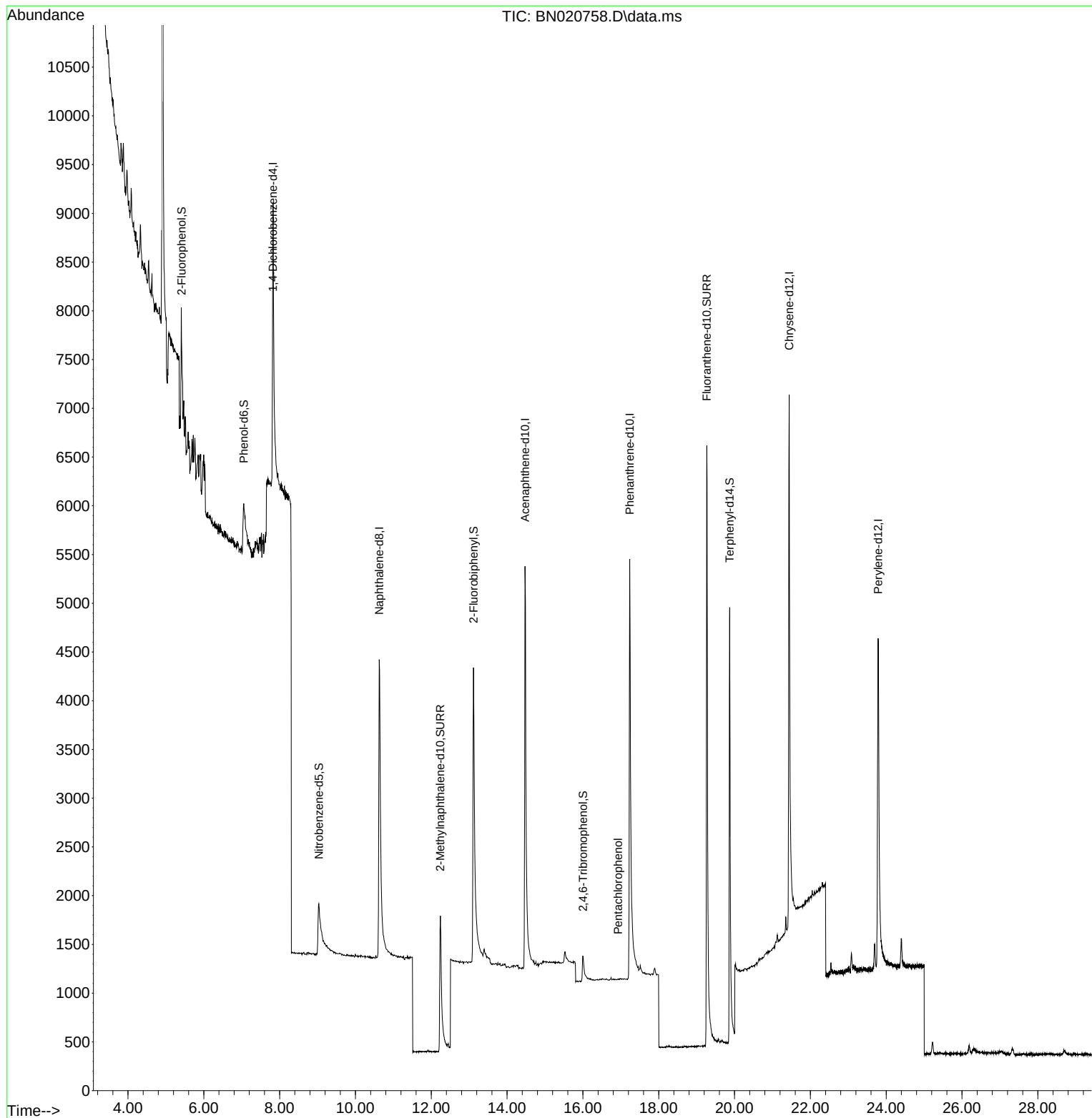
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2557	0.400	ng	0.01
7) Naphthalene-d8	10.626	136	7945	0.400	ng	# 0.01
13) Acenaphthene-d10	14.474	164	4086	0.400	ng	0.01
19) Phenanthrene-d10	17.236	188	10765	0.400	ng	# 0.02
29) Chrysene-d12	21.440	240	8568	0.400	ng	0.00
35) Perylene-d12	23.787	264	6969	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	1638	0.231	ng	0.01
5) Phenol-d6	7.060	99	1288	0.152	ng	0.05
8) Nitrobenzene-d5	9.035	82	1206	0.187	ng	0.06
11) 2-Methylnaphthalene-d10	12.238	152	4222	0.310	ng	0.03
14) 2,4,6-Tribromophenol	16.005	330	262	0.170	ng	0.03
15) 2-Fluorobiphenyl	13.116	172	4823	0.286	ng	0.02
27) Fluoranthene-d10	19.269	212	10753	0.336	ng	0.00
31) Terphenyl-d14	19.872	244	7654	0.374	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.928	266	8	0.188	ng	# 38

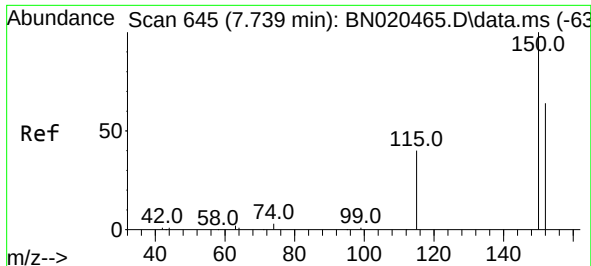
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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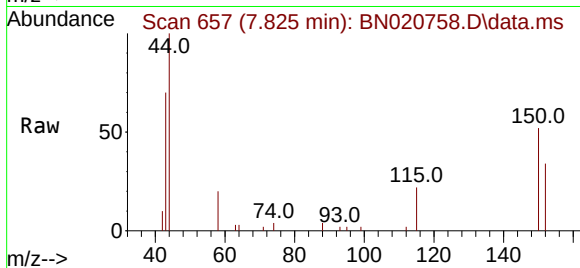
Quant Time: Jul 19 03:54:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
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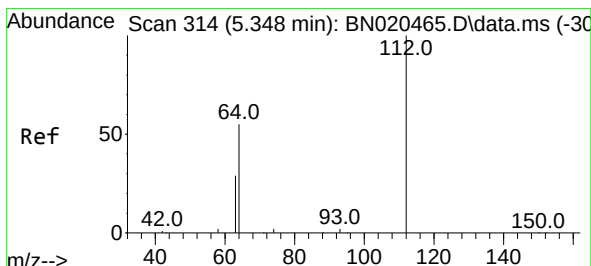
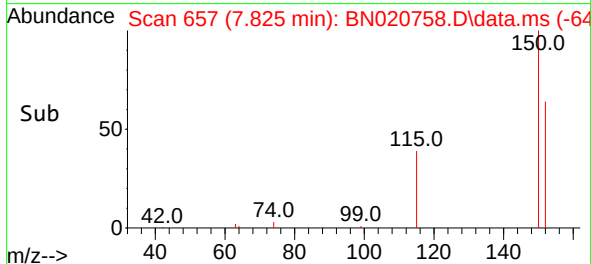
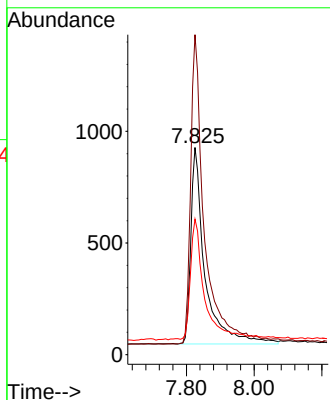


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 61
Delta R.T. 0.014 min
Lab File: BN020758.D
Acq: 18 Jul 2022 15:58

Instrument :
BNA_N
ClientSampleId :
PB146276BL

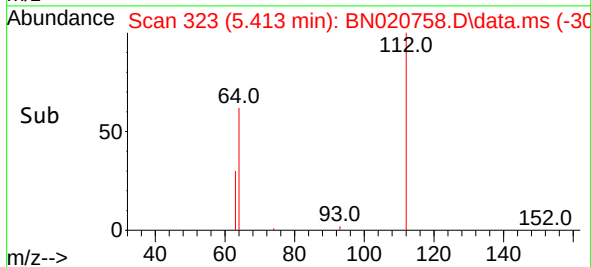
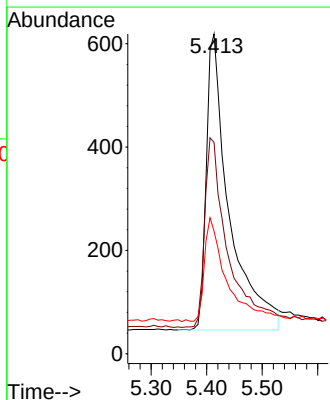
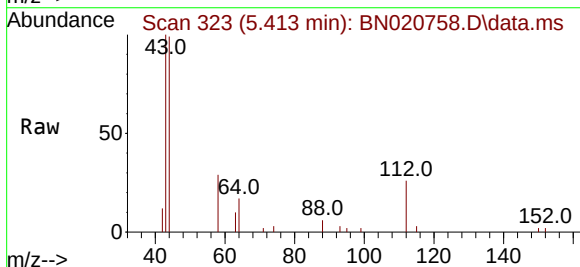


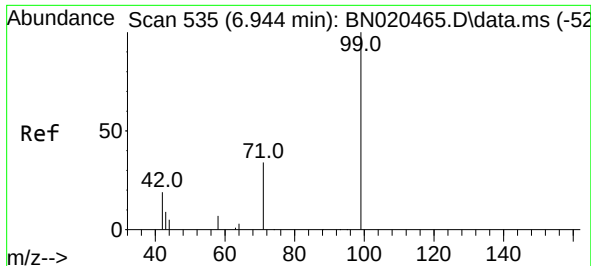
Tgt Ion:152 Resp: 2557
Ion Ratio Lower Upper
152 100
150 154.4 127.9 191.9
115 65.4 51.4 77.2



#4
2-Fluorophenol
Concen: 0.231 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.014 min
Lab File: BN020758.D
Acq: 18 Jul 2022 15:58

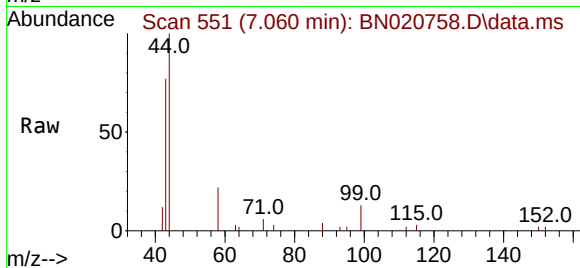
Tgt Ion:112 Resp: 1638
Ion Ratio Lower Upper
112 100
64 65.5 49.1 73.7
63 33.5 26.3 39.5



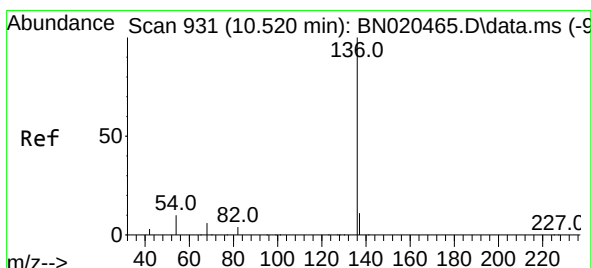
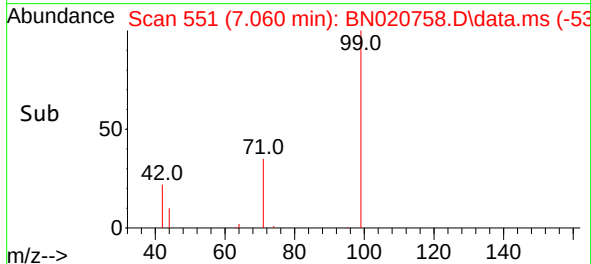
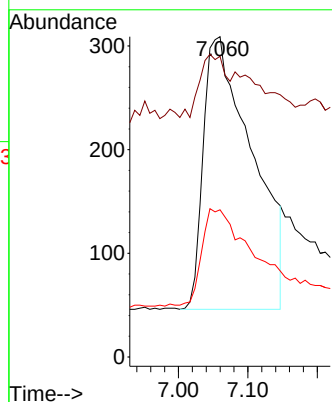


#5
Phenol-d6
Concen: 0.152 ng
RT: 7.060 min Scan# 511
Delta R.T. 0.050 min
Lab File: BN020758.D
Acq: 18 Jul 2022 15:58

Instrument :
BNA_N
ClientSampleId :
PB146276BL

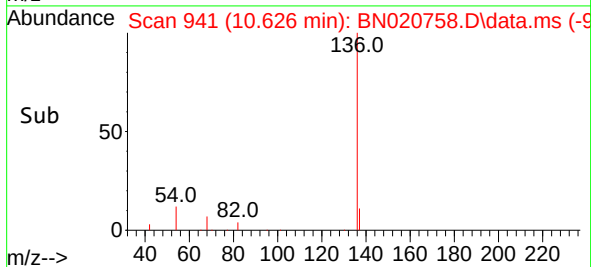
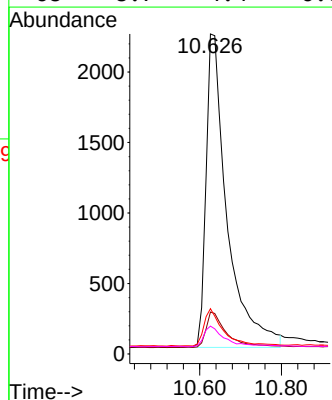
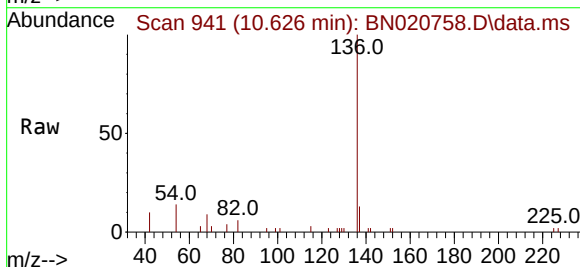


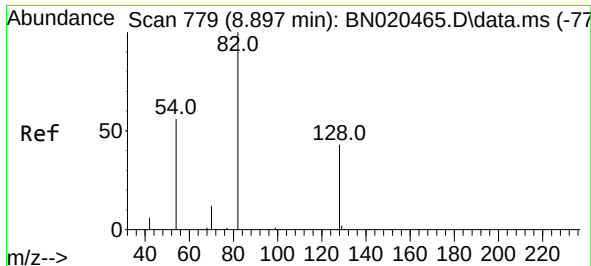
Tgt Ion: 99 Resp: 1288
Ion Ratio Lower Upper
99 100
42 12.5 19.3 28.9#
71 36.5 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.011 min
Lab File: BN020758.D
Acq: 18 Jul 2022 15:58

Tgt Ion: 136 Resp: 7945
Ion Ratio Lower Upper
136 100
137 13.1 9.0 13.6
54 14.1 6.2 9.2#
68 8.7 4.4 6.6#

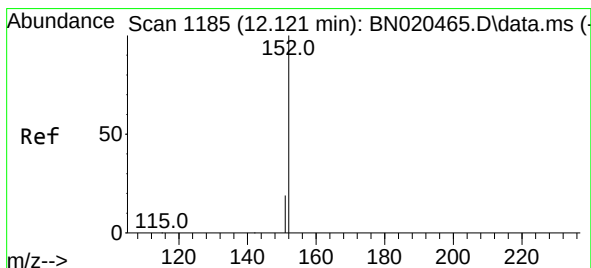
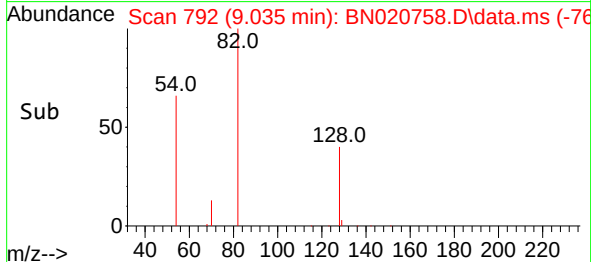
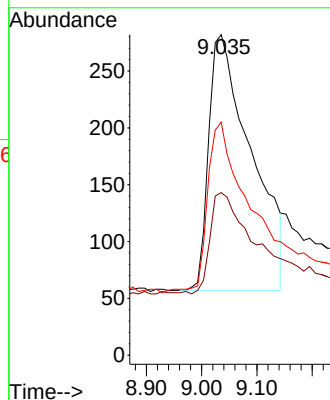
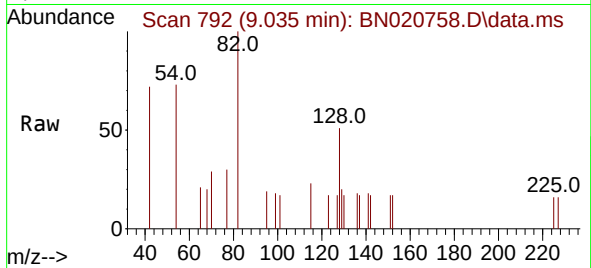




#8
 Nitrobenzene-d5
 Concen: 0.187 ng
 RT: 9.035 min Scan# 71
 Delta R.T. 0.064 min
 Lab File: BN020758.D
 Acq: 18 Jul 2022 15:58

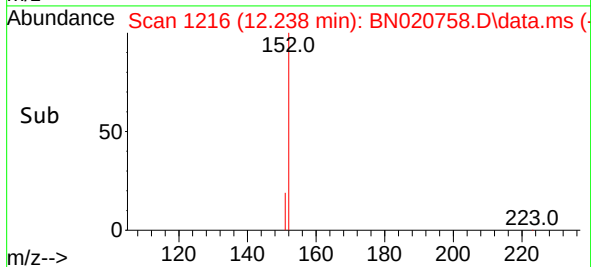
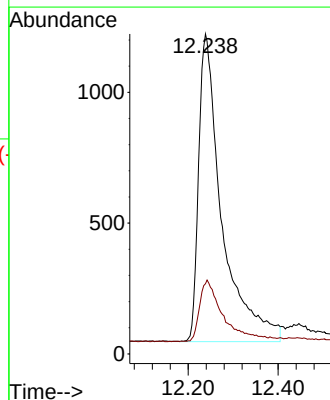
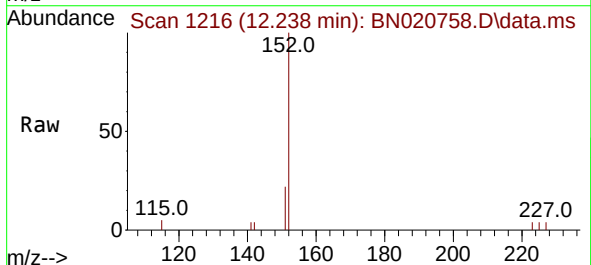
Instrument :
 BNA_N
 ClientSampleId :
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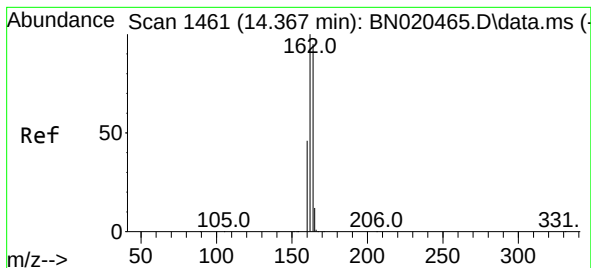
Tgt Ion: 82 Resp: 1206
 Ion Ratio Lower Upper
 82 100
 128 50.7 35.0 52.6
 54 72.7 46.2 69.4#



#11
 2-Methylnaphthalene-d10
 Concen: 0.310 ng
 RT: 12.238 min Scan# 1216
 Delta R.T. 0.026 min
 Lab File: BN020758.D
 Acq: 18 Jul 2022 15:58

Tgt Ion: 152 Resp: 4222
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.474 min Scan# 14

Delta R.T. 0.011 min

Lab File: BN020758.D

Acq: 18 Jul 2022 15:58

Instrument :

BNA_N

ClientSampleId :

PB146276BL

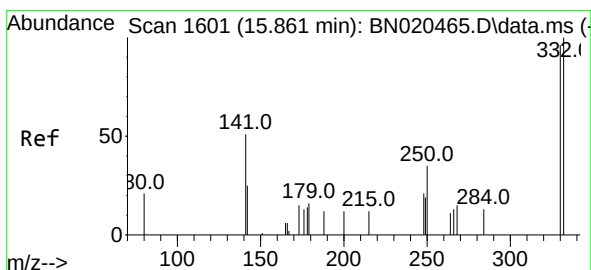
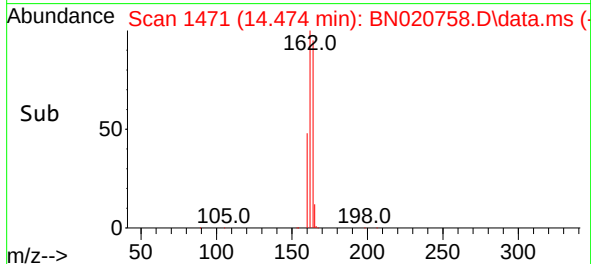
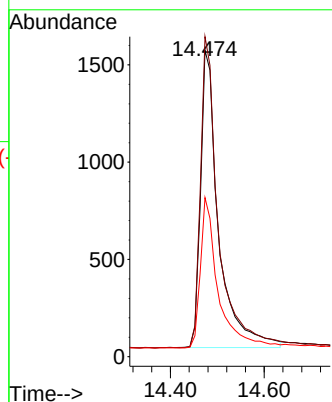
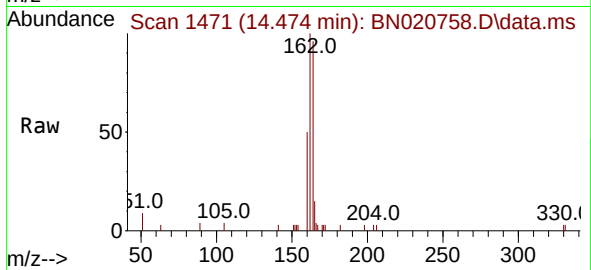
Tgt Ion:164 Resp: 4086

Ion Ratio Lower Upper

164 100

162 104.5 82.1 123.1

160 52.0 38.6 58.0



#14

2,4,6-Tribromophenol

Concen: 0.170 ng

RT: 16.005 min Scan# 1615

Delta R.T. 0.031 min

Lab File: BN020758.D

Acq: 18 Jul 2022 15:58

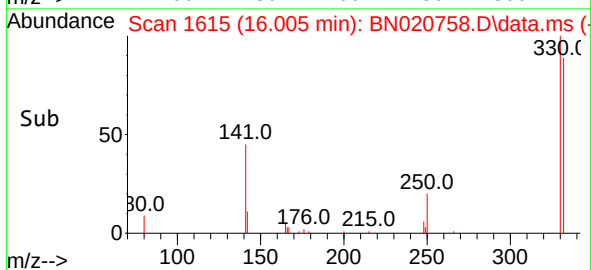
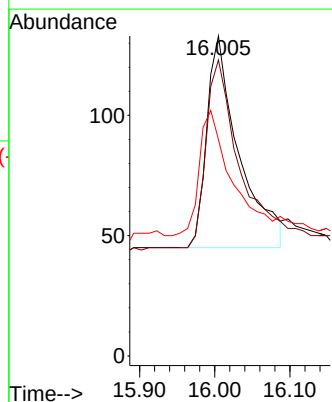
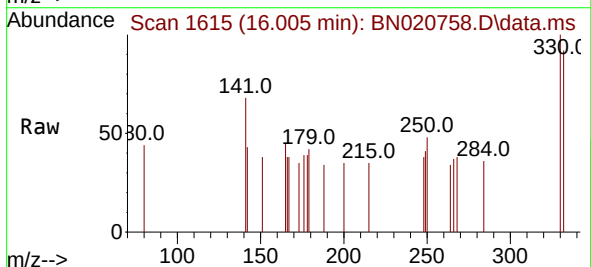
Tgt Ion:330 Resp: 262

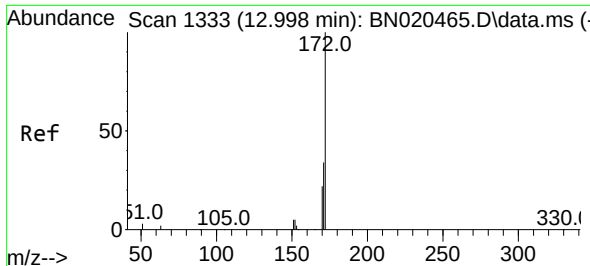
Ion Ratio Lower Upper

330 100

332 94.3 77.6 116.4

141 63.4 41.0 61.4#

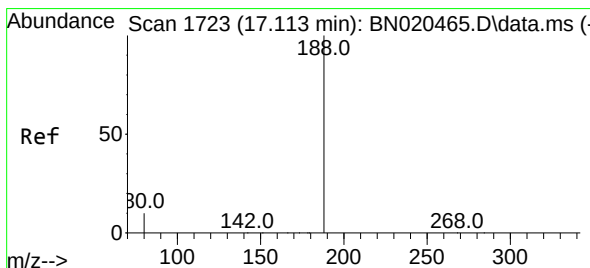
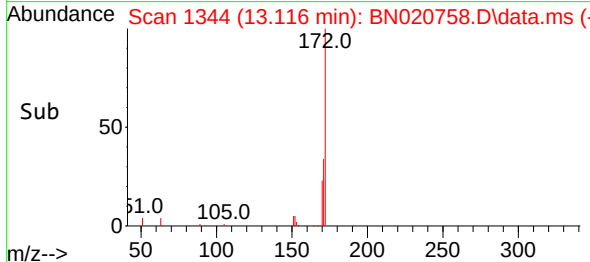
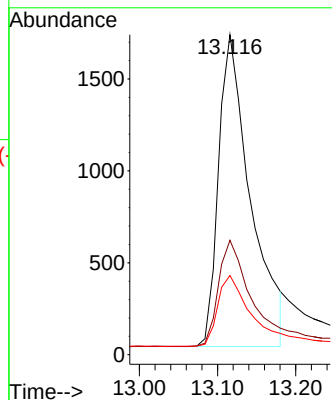
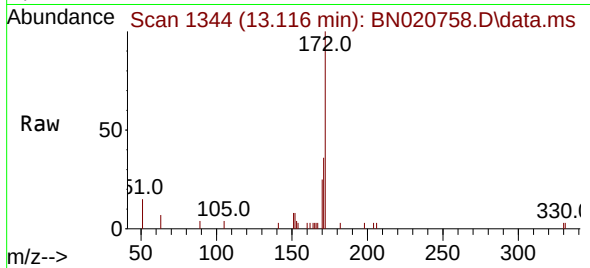




#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 13.116 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN020758.D
Acq: 18 Jul 2022 15:58

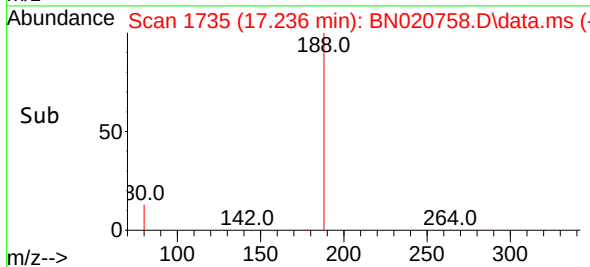
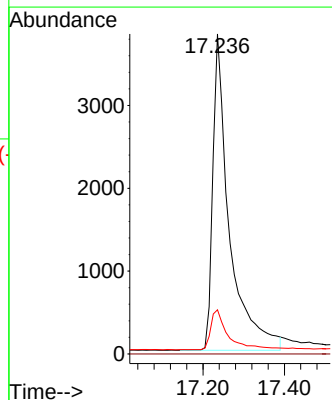
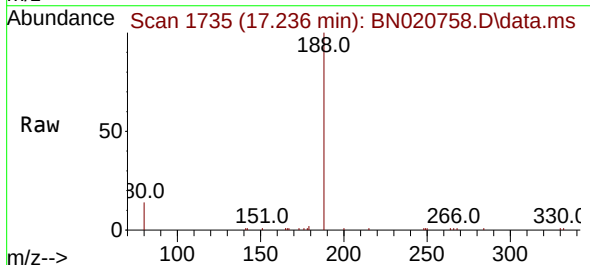
Instrument :
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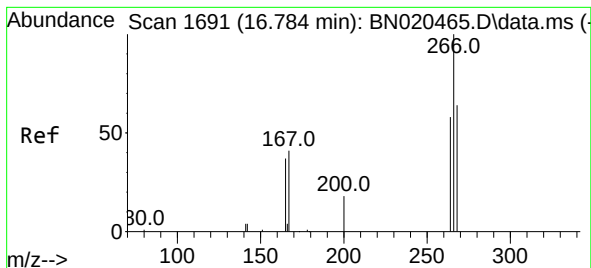
Tgt Ion:172 Resp: 4823
Ion Ratio Lower Upper
172 100
171 35.8 27.2 40.8
170 24.8 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. 0.020 min
Lab File: BN020758.D
Acq: 18 Jul 2022 15:58

Tgt Ion:188 Resp: 10765
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 7.4 11.2#





#24

Pentachlorophenol

Concen: 0.188 ng

RT: 16.928 min Scan# 11

Delta R.T. 0.041 min

Lab File: BN020758.D

Acq: 18 Jul 2022 15:58

Instrument :

BNA_N

ClientSampleId :

PB146276BL

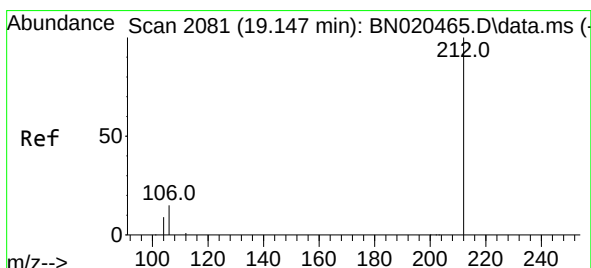
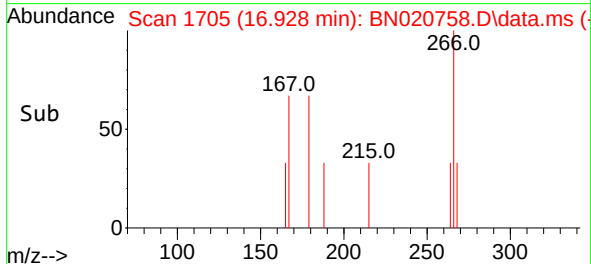
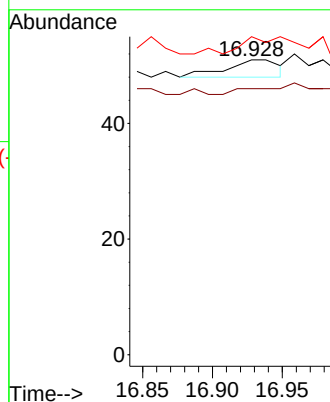
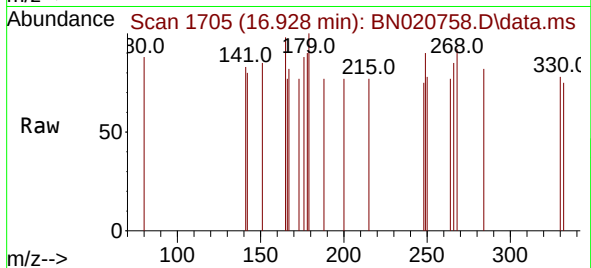
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 0.0 51.3 76.9#

268 100.0 52.6 79.0#



#27

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.269 min Scan# 2110

Delta R.T. 0.008 min

Lab File: BN020758.D

Acq: 18 Jul 2022 15:58

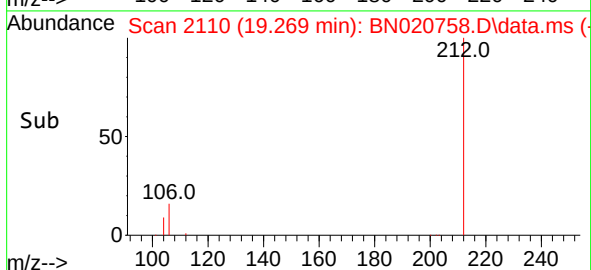
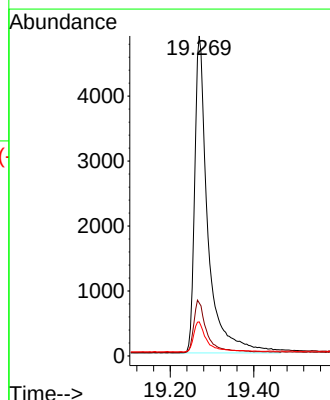
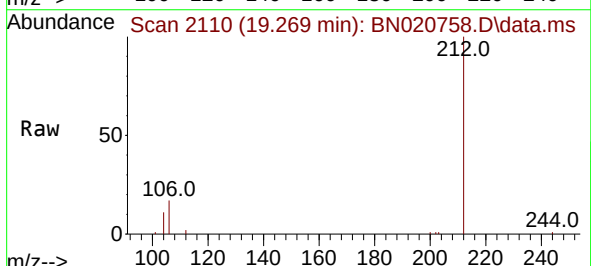
Tgt Ion:212 Resp: 10753

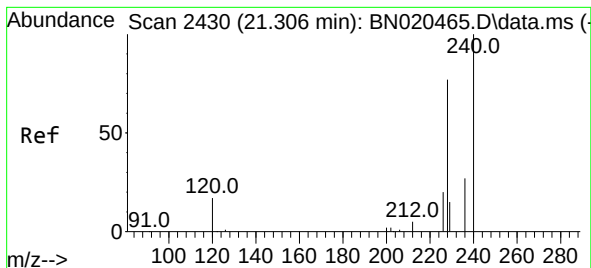
Ion Ratio Lower Upper

212 100

106 16.2 12.6 19.0

104 9.9 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.440 min Scan# 2445

Delta R.T. 0.009 min

Lab File: BN020758.D

Acq: 18 Jul 2022 15:58

Instrument :

BNA_N

ClientSampleId :

PB146276BL

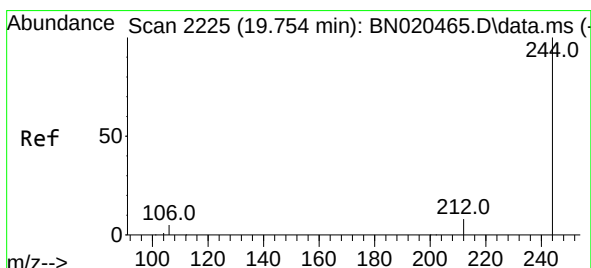
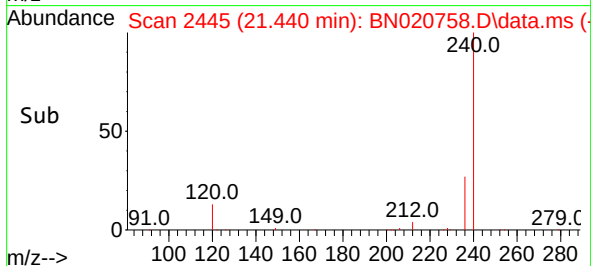
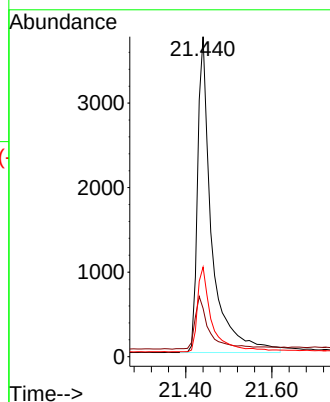
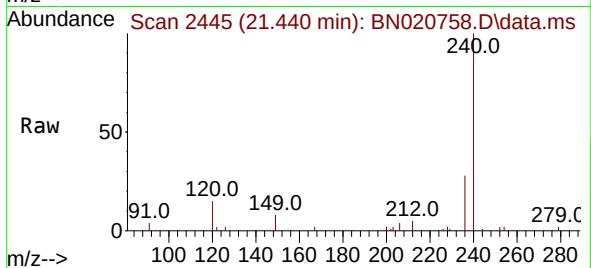
Tgt Ion:240 Resp: 8568

Ion Ratio Lower Upper

240 100

120 15.1 14.6 21.8

236 28.0 22.6 33.8



#31

Terphenyl-d14

Concen: 0.374 ng

RT: 19.872 min Scan# 2253

Delta R.T. 0.008 min

Lab File: BN020758.D

Acq: 18 Jul 2022 15:58

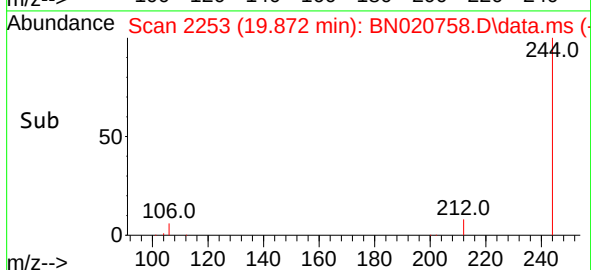
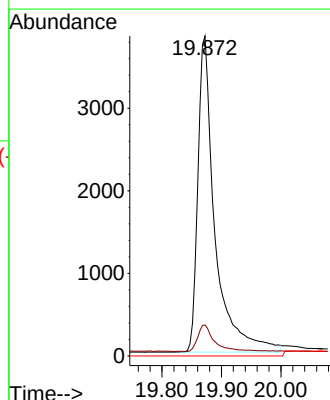
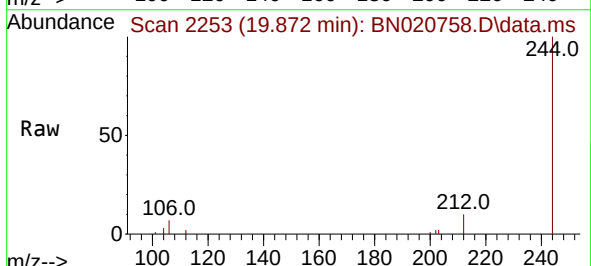
Tgt Ion:244 Resp: 7654

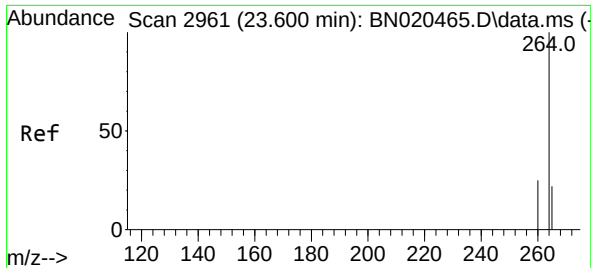
Ion Ratio Lower Upper

244 100

212 9.7 7.1 10.7

122 0.0 0.0 0.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.787 min Scan# 30
 Delta R.T. 0.009 min
 Lab File: BN020758.D
 Acq: 18 Jul 2022 15:58

Instrument :
 BNA_N
 ClientSampleId :
 PB146276BL

Tgt Ion:264 Resp: 6969
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.9 31.3
 265 46.6 28.0 42.0#

