

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027656.D
 Acq On : 13 Sep 2023 23:10
 Operator : MA/JU
 Sample : PB155453BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155453BL

Quant Time: Sep 14 05:30:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	7472	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	18499	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	8082	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	16044	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	11178	0.400	ng	0.00
35) Perylene-d12	24.092	264	10212	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	6539	0.336	ng	0.00
5) Phenol-d6	7.185	99	6785	0.286	ng	0.00
8) Nitrobenzene-d5	9.219	82	5623	0.417	ng	-0.01
11) 2-Methylnaphthalene-d10	12.426	152	7917	0.291	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	634	0.212	ng	0.01
15) 2-Fluorobiphenyl	13.293	172	12292	0.400	ng	0.00
27) Fluoranthene-d10	19.435	212	12604	0.316	ng	0.00
31) Terphenyl-d14	20.015	244	10836	0.483	ng	0.00

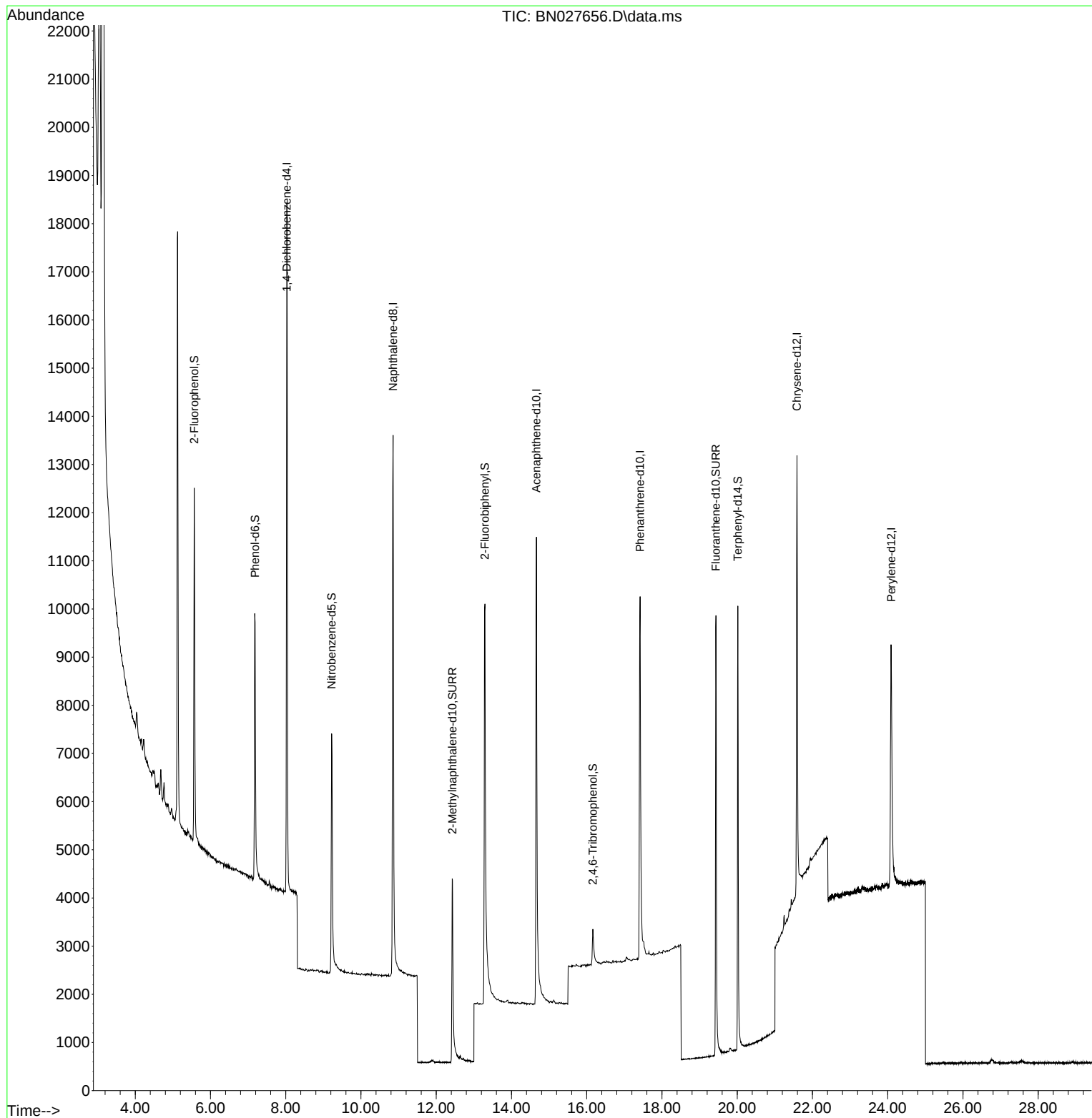
Target Compounds Qvalue

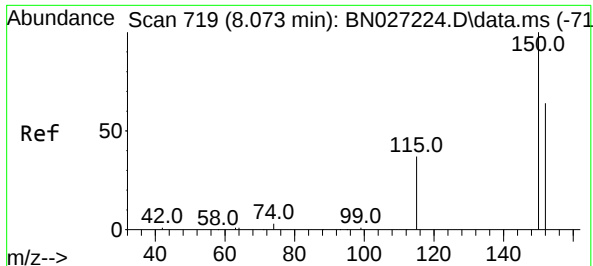
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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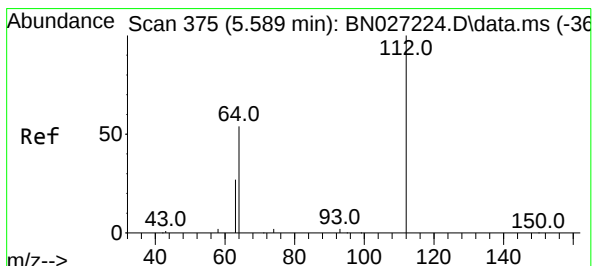
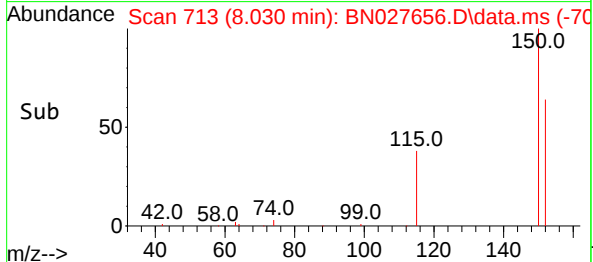
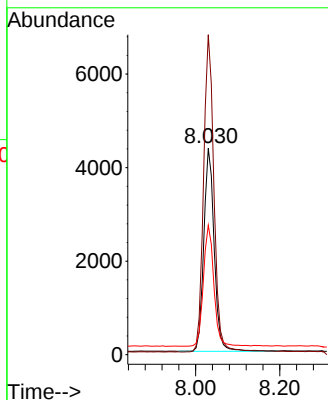
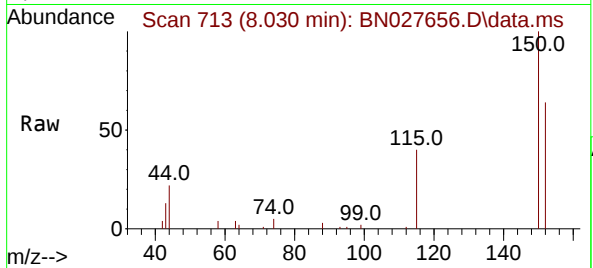




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027656.D
Acq: 13 Sep 2023 23:10

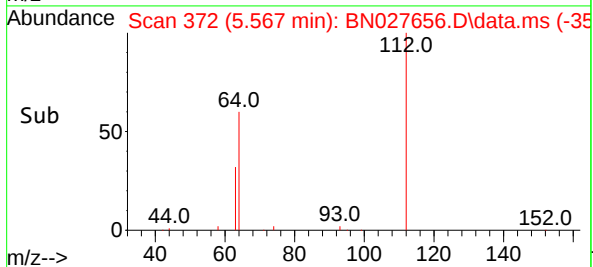
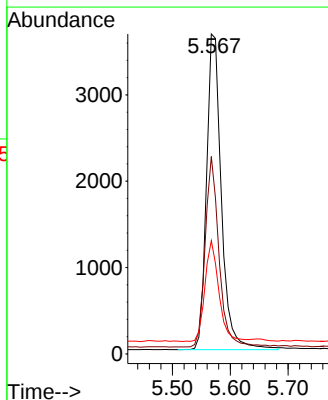
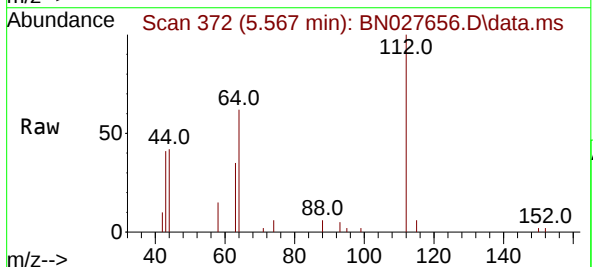
Instrument :
BNA_N
ClientSampleId :
PB155453BL

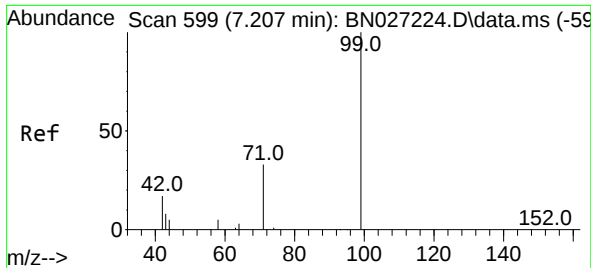
Tgt Ion:152 Resp: 7472
Ion Ratio Lower Upper
152 100
150 155.1 122.7 184.1
115 62.7 48.6 73.0



#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.567 min Scan# 372
Delta R.T. -0.007 min
Lab File: BN027656.D
Acq: 13 Sep 2023 23:10

Tgt Ion:112 Resp: 6539
Ion Ratio Lower Upper
112 100
64 56.4 44.4 66.6
63 29.7 23.1 34.7

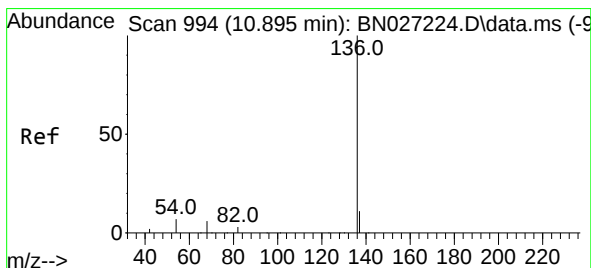
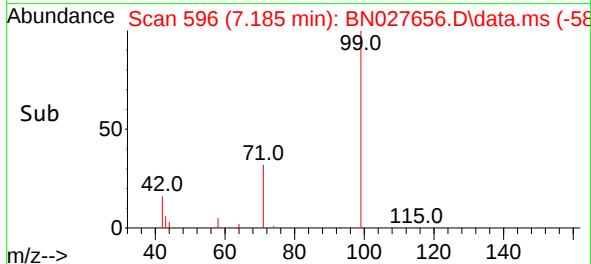
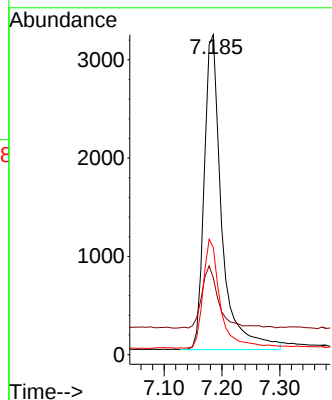
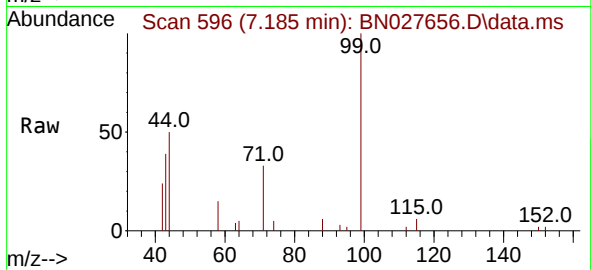




#5
Phenol-d6
Concen: 0.286 ng
RT: 7.185 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027656.D
Acq: 13 Sep 2023 23:10

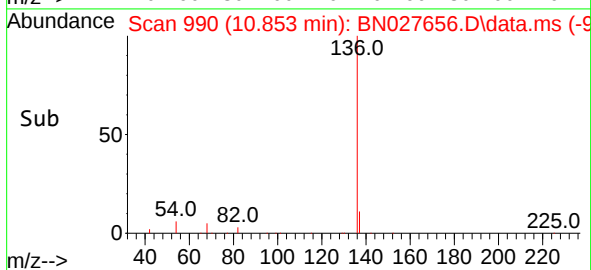
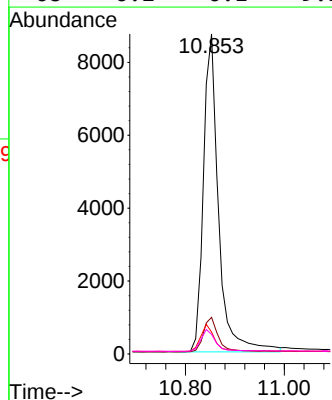
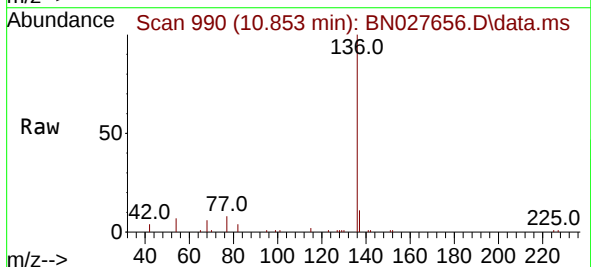
Instrument :
BNA_N
ClientSampleId :
PB155453BL

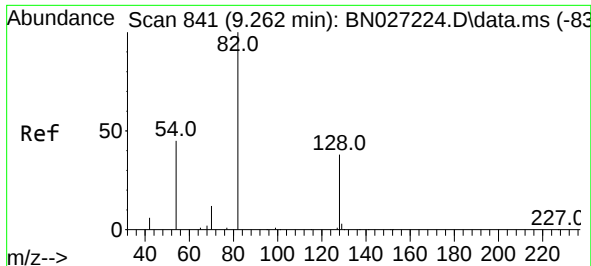
Tgt Ion: 99 Resp: 6785
Ion Ratio Lower Upper
99 100
42 18.5 14.5 21.7
71 34.3 25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN027656.D
Acq: 13 Sep 2023 23:10

Tgt Ion:136 Resp: 18499
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 6.9 6.7 10.1
68 6.2 6.1 9.1

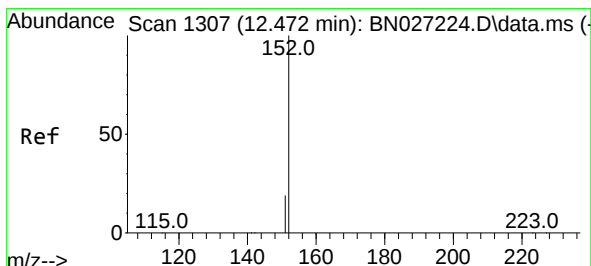
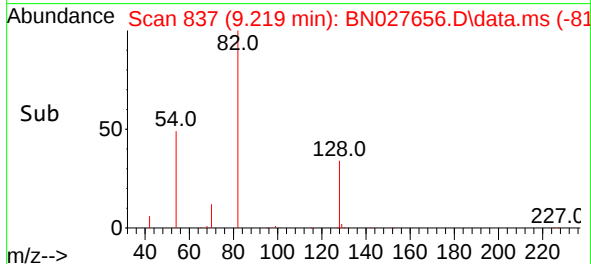
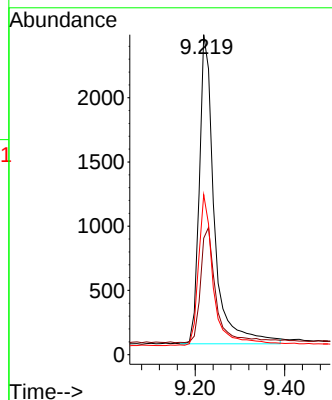
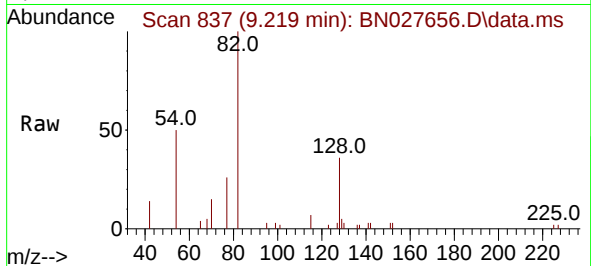




#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 9.219 min Scan# 81
Delta R.T. -0.011 min
Lab File: BN027656.D
Acq: 13 Sep 2023 23:10

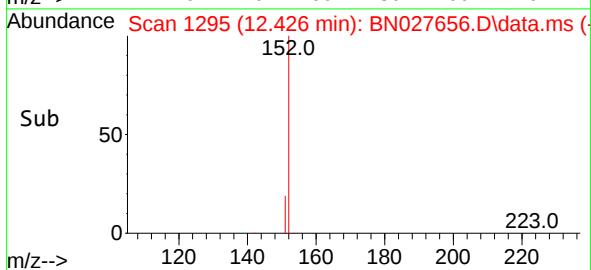
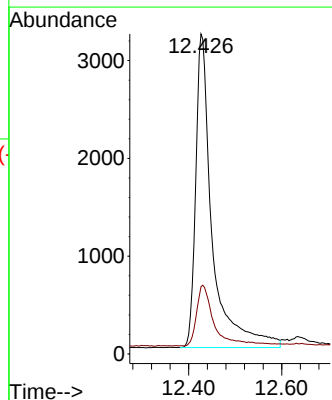
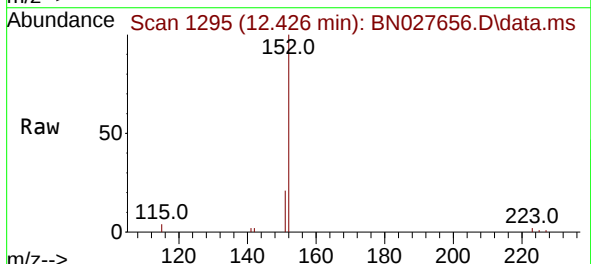
Instrument :
BNA_N
ClientSampleId :
PB155453BL

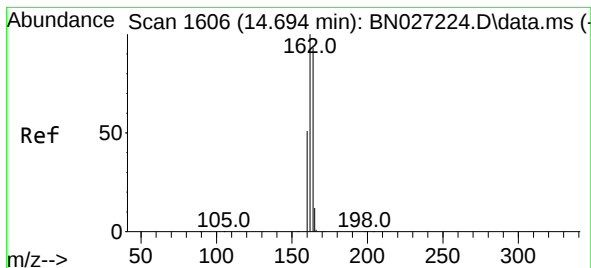
Tgt Ion: 82 Resp: 5623
Ion Ratio Lower Upper
82 100
128 36.4 33.4 50.0
54 50.0 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.426 min Scan# 1295
Delta R.T. -0.004 min
Lab File: BN027656.D
Acq: 13 Sep 2023 23:10

Tgt Ion: 152 Resp: 7917
Ion Ratio Lower Upper
152 100
151 19.5 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BN027656.D

Acq: 13 Sep 2023 23:10

Instrument :

BNA_N

ClientSampleId :

PB155453BL

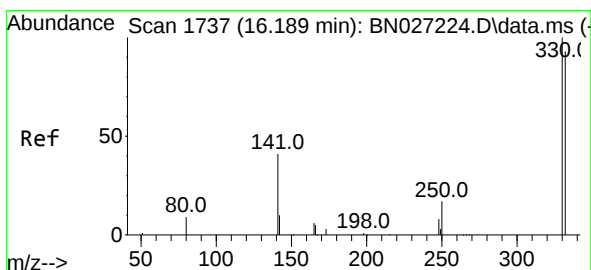
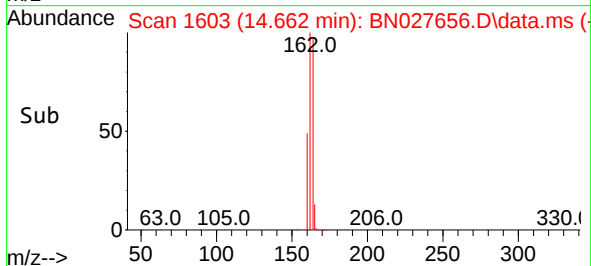
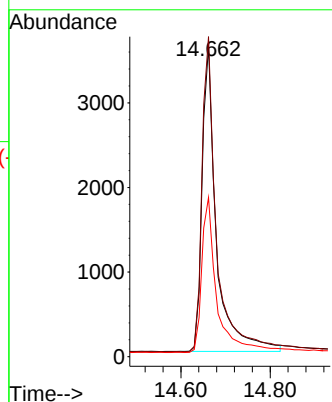
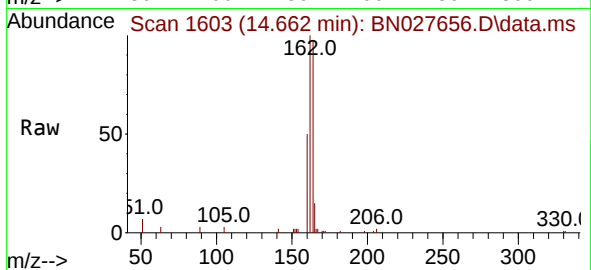
Tgt Ion:164 Resp: 8082

Ion Ratio Lower Upper

164 100

162 103.1 85.8 128.8

160 51.3 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.212 ng

RT: 16.164 min Scan# 1735

Delta R.T. 0.012 min

Lab File: BN027656.D

Acq: 13 Sep 2023 23:10

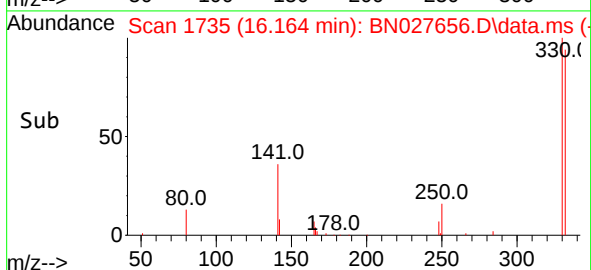
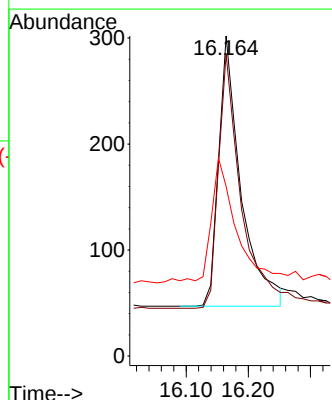
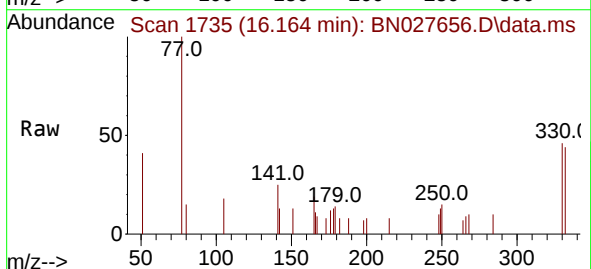
Tgt Ion:330 Resp: 634

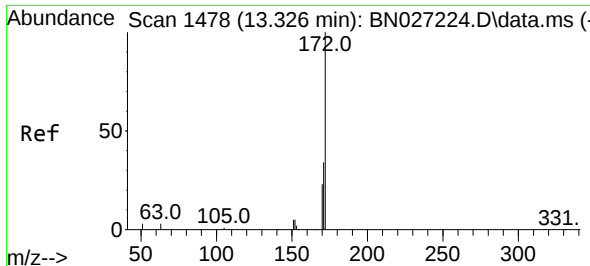
Ion Ratio Lower Upper

330 100

332 95.1 75.2 112.8

141 47.3 36.2 54.4

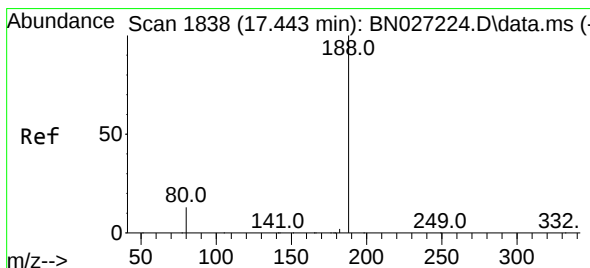
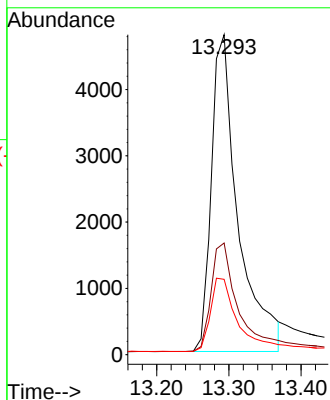
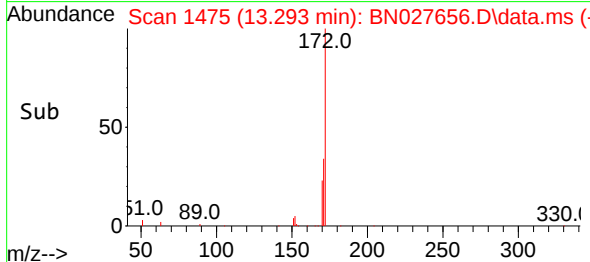
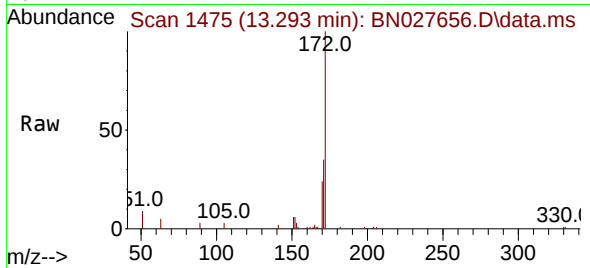




#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.293 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027656.D
Acq: 13 Sep 2023 23:10

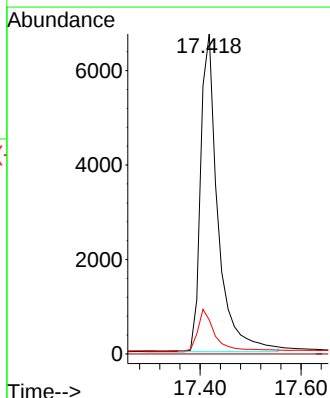
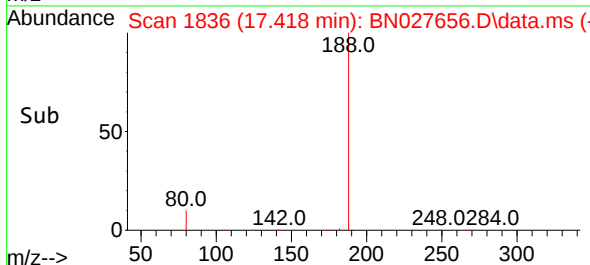
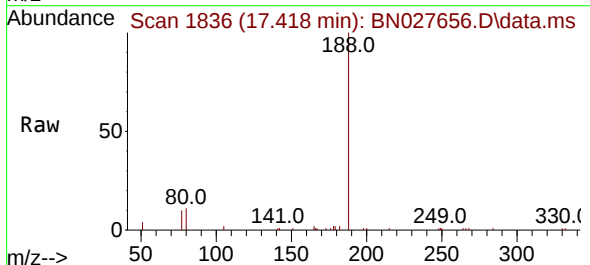
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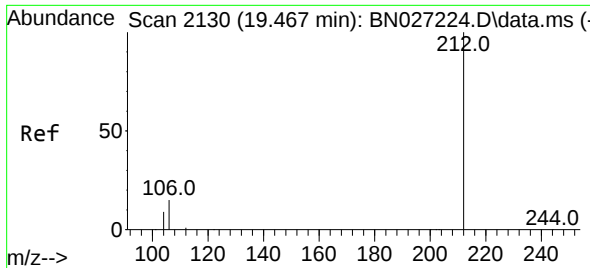
Tgt Ion:172 Resp: 12292
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.5 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.418 min Scan# 1836
Delta R.T. 0.013 min
Lab File: BN027656.D
Acq: 13 Sep 2023 23:10

Tgt Ion:188 Resp: 16044
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 11.0 16.6#

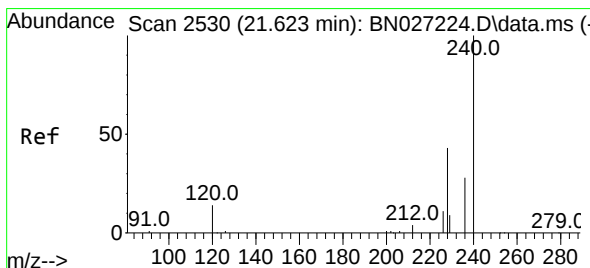
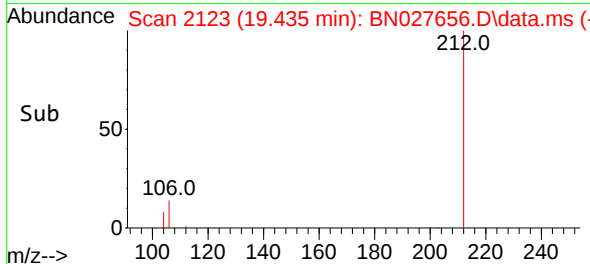
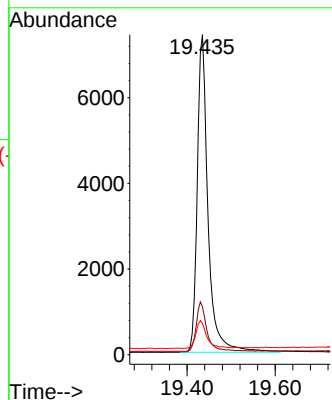
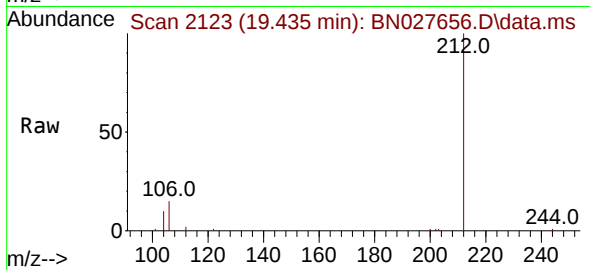




#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.435 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN027656.D
Acq: 13 Sep 2023 23:10

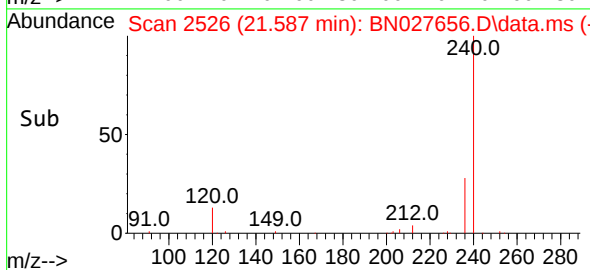
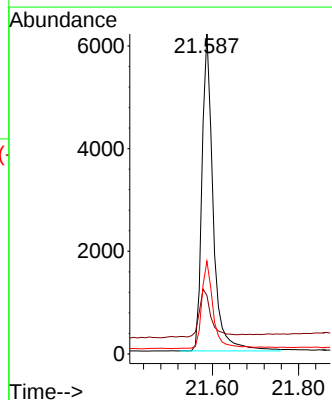
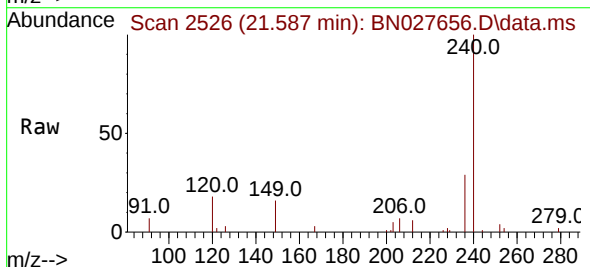
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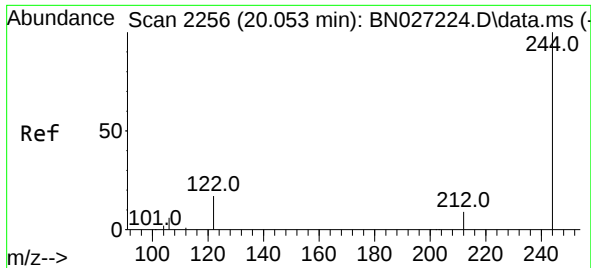
Tgt Ion:212 Resp: 12604
Ion Ratio Lower Upper
212 100
106 15.3 12.1 18.1
104 8.7 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027656.D
Acq: 13 Sep 2023 23:10

Tgt Ion:240 Resp: 11178
Ion Ratio Lower Upper
240 100
120 18.3 14.2 21.4
236 29.0 22.9 34.3

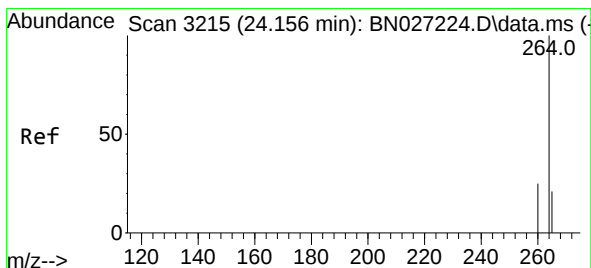
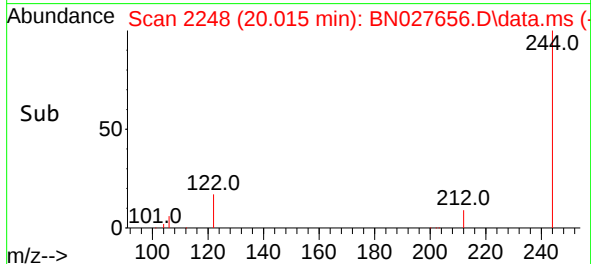
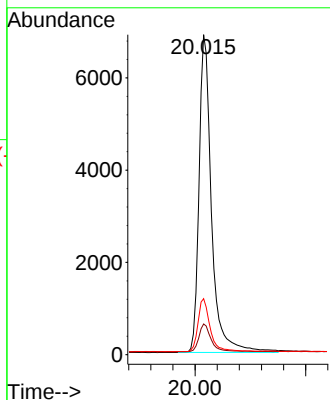
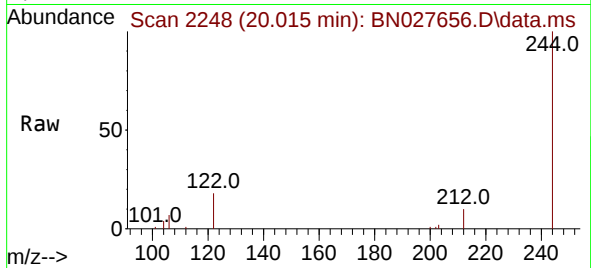




#31
 Terphenyl-d14
 Concen: 0.483 ng
 RT: 20.015 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027656.D
 Acq: 13 Sep 2023 23:10

Instrument :
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Tgt Ion:244 Resp: 10836
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.5 11.3
 122 17.5 14.0 21.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.092 min Scan# 3193
 Delta R.T. -0.003 min
 Lab File: BN027656.D
 Acq: 13 Sep 2023 23:10

Tgt Ion:264 Resp: 10212
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.7 31.1
 265 94.7 53.3 79.9#

