

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027678.D
 Acq On : 14 Sep 2023 13:53
 Operator : MA/JU
 Sample : PB155483BL
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155483BL

Quant Time: Sep 14 16:23:30 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	6002	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	15032	0.400	ng	# 0.00
13) Acenaphthene-d10	14.662	164	6440	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	12707	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	8827	0.400	ng	# 0.00
35) Perylene-d12	24.098	264	7856	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	5191	0.332	ng	0.00
5) Phenol-d6	7.178	99	5268	0.277	ng	0.00
8) Nitrobenzene-d5	9.219	82	4551	0.415	ng	-0.01
11) 2-Methylnaphthalene-d10	12.426	152	6796	0.308	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	399	0.167	ng	0.01
15) 2-Fluorobiphenyl	13.283	172	9330	0.381	ng	-0.01
27) Fluoranthene-d10	19.435	212	10821	0.343	ng	0.00
31) Terphenyl-d14	20.020	244	8093	0.456	ng	0.00

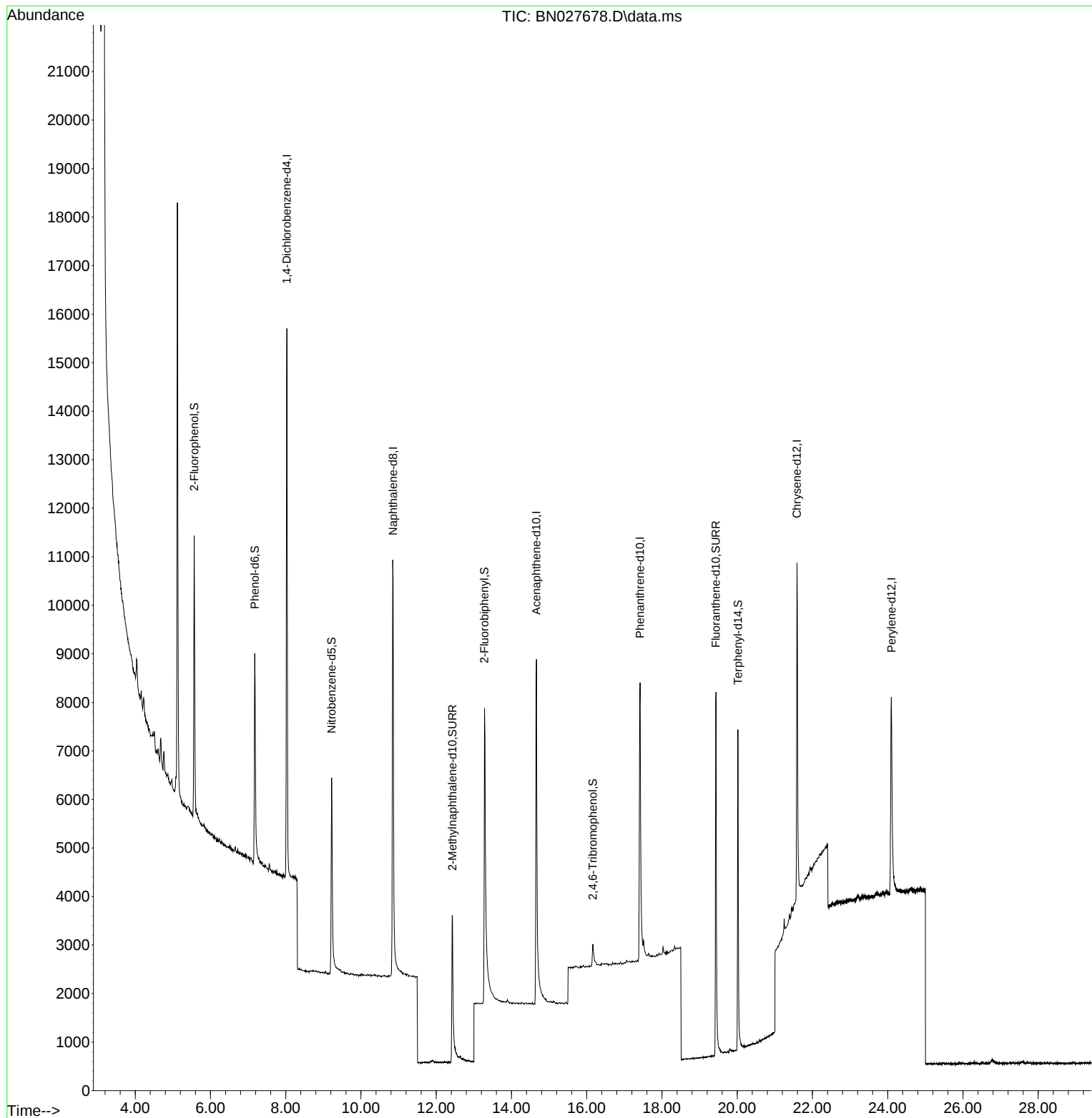
Target Compounds Qvalue

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

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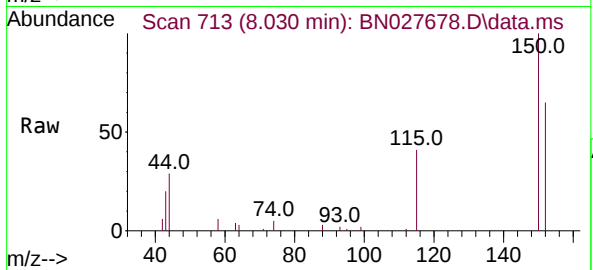
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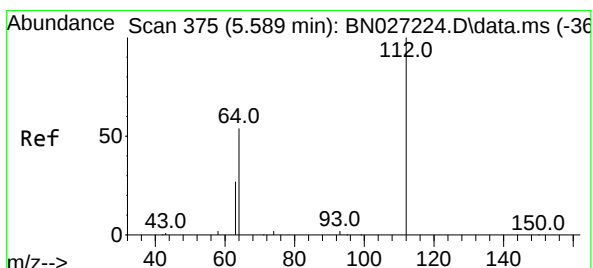
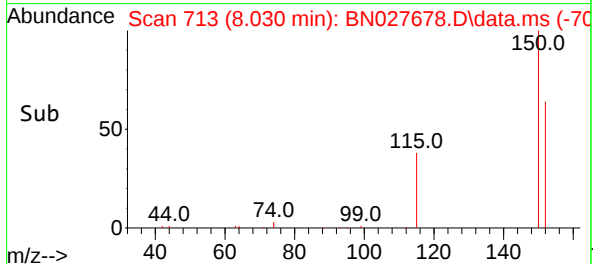
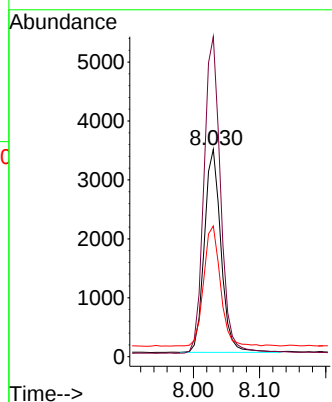


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027678.D
Acq: 14 Sep 2023 13:53

Instrument :
BNA_N
ClientSampleId :
PB155483BL

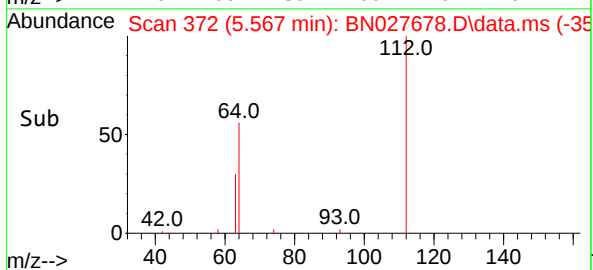
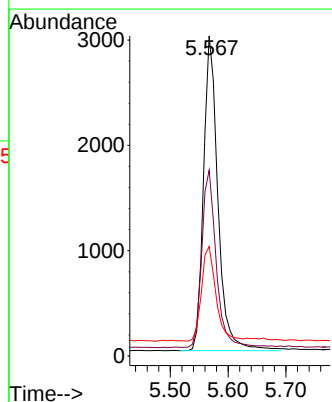
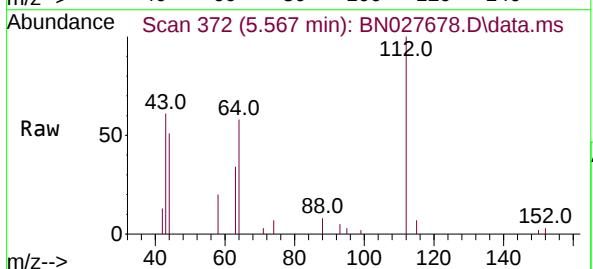


Tgt Ion:152 Resp: 6002
Ion Ratio Lower Upper
152 100
150 154.4 122.7 184.1
115 63.0 48.6 73.0



#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.567 min Scan# 372
Delta R.T. -0.007 min
Lab File: BN027678.D
Acq: 14 Sep 2023 13:53

Tgt Ion:112 Resp: 5191
Ion Ratio Lower Upper
112 100
64 56.3 44.4 66.6
63 29.9 23.1 34.7

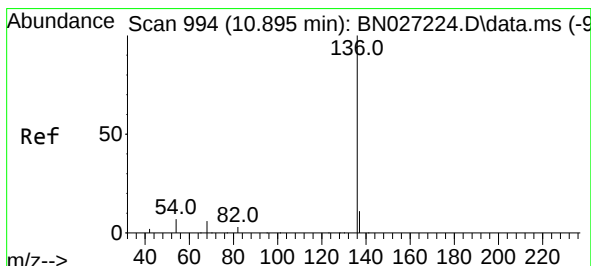
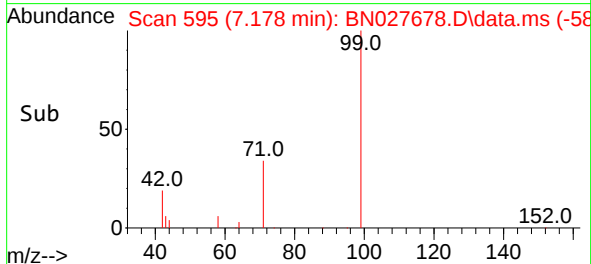
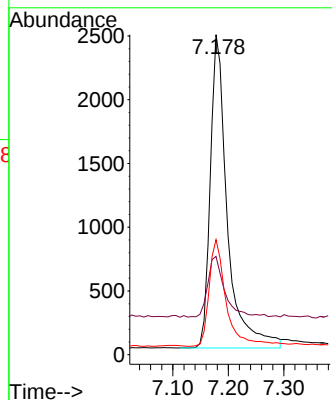
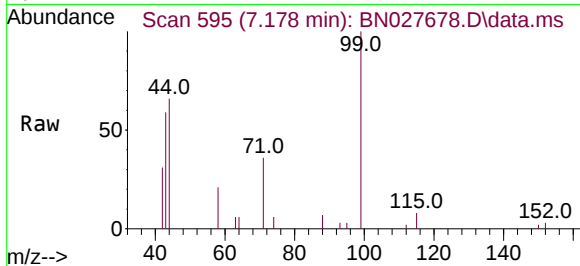




#5
Phenol-d6
Concen: 0.277 ng
RT: 7.178 min Scan# 599
Delta R.T. -0.007 min
Lab File: BN027678.D
Acq: 14 Sep 2023 13:53

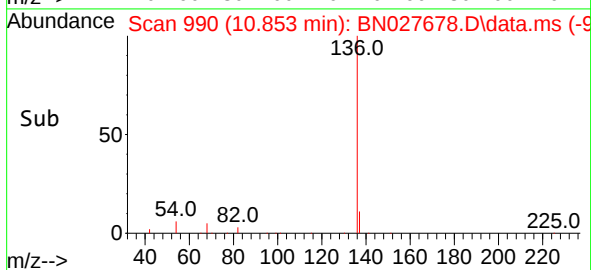
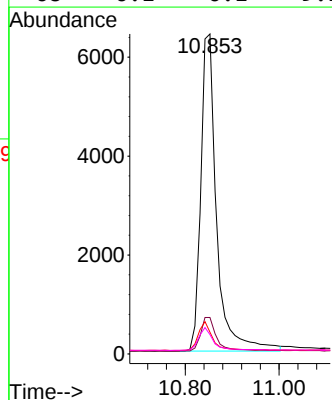
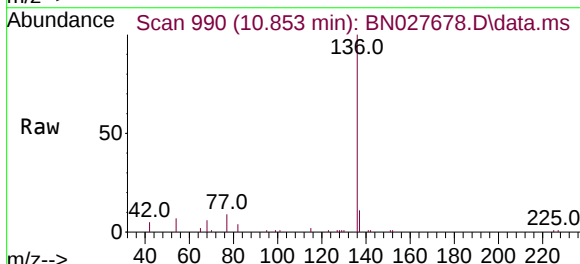
Instrument :
BNA_N
ClientSampleId :
PB155483BL

Tgt Ion: 99	Resp: 5268
Ion Ratio	Lower Upper
99 100	
42 18.8	14.5 21.7
71 34.4	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: BN027678.D
Acq: 14 Sep 2023 13:53

Tgt Ion: 136	Resp: 15032
Ion Ratio	Lower Upper
136 100	
137 11.4	9.3 13.9
54 6.8	6.7 10.1
68 6.1	6.1 9.1

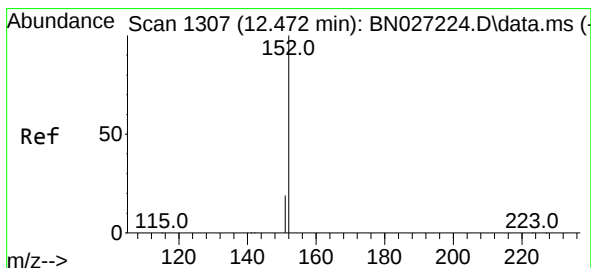
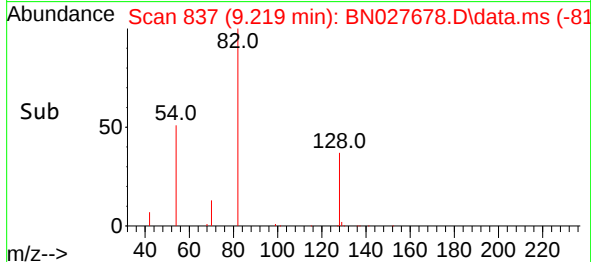
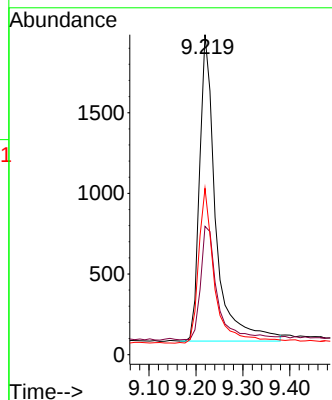
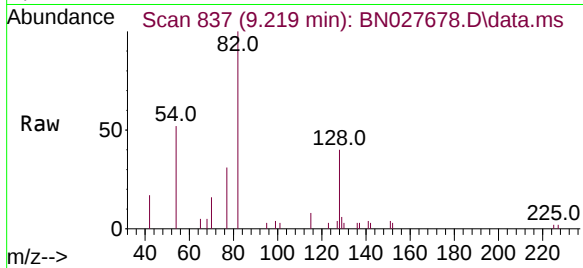




#8
Nitrobenzene-d5
Concen: 0.415 ng
RT: 9.219 min Scan# 81
Delta R.T. -0.011 min
Lab File: BN027678.D
Acq: 14 Sep 2023 13:53

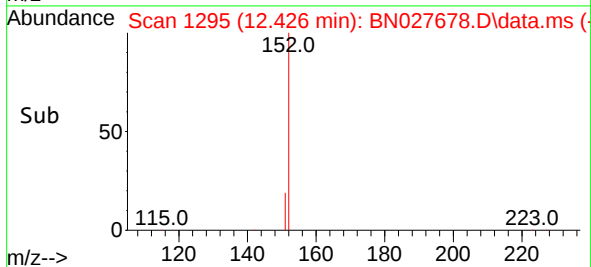
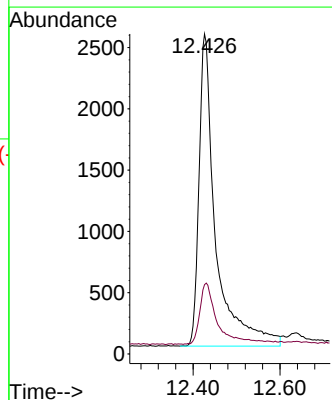
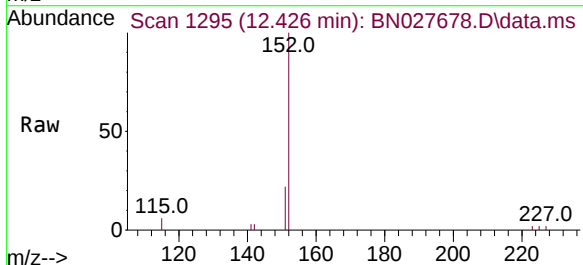
Instrument :
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ClientSampleId :
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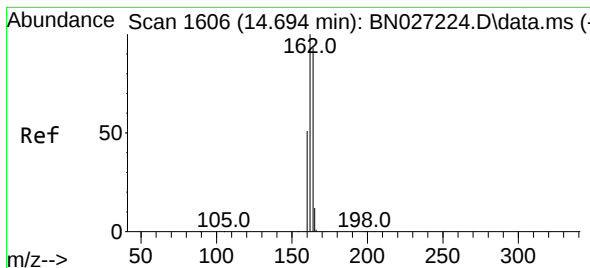
Tgt Ion: 82 Resp: 4551
Ion Ratio Lower Upper
82 100
128 40.1 33.4 50.0
54 52.0 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.426 min Scan# 1295
Delta R.T. -0.004 min
Lab File: BN027678.D
Acq: 14 Sep 2023 13:53

Tgt Ion: 152 Resp: 6796
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027678.D

Acq: 14 Sep 2023 13:53

Instrument :

BNA_N

ClientSampleId :

PB155483BL

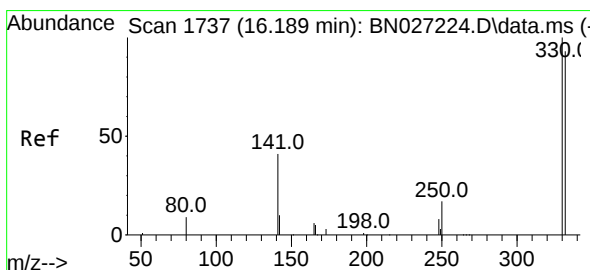
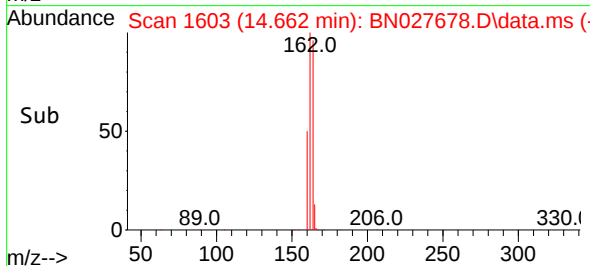
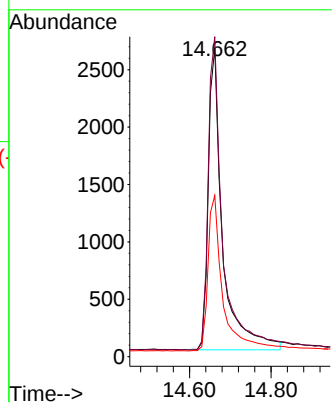
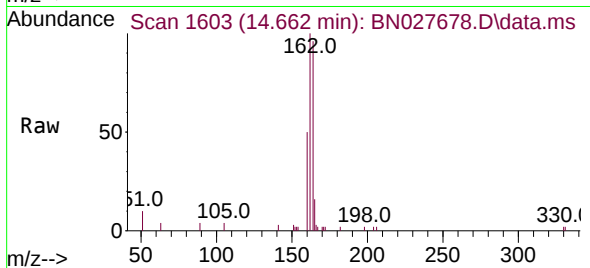
Tgt Ion:164 Resp: 6440

Ion Ratio Lower Upper

164 100

162 103.7 85.8 128.8

160 52.2 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.167 ng

RT: 16.164 min Scan# 1735

Delta R.T. 0.012 min

Lab File: BN027678.D

Acq: 14 Sep 2023 13:53

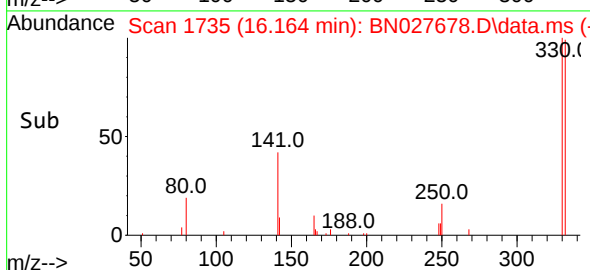
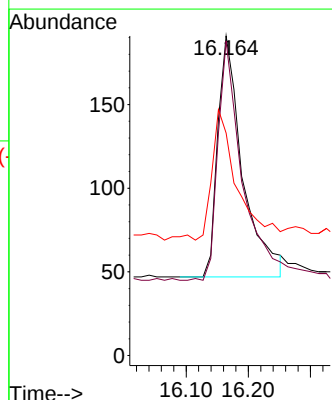
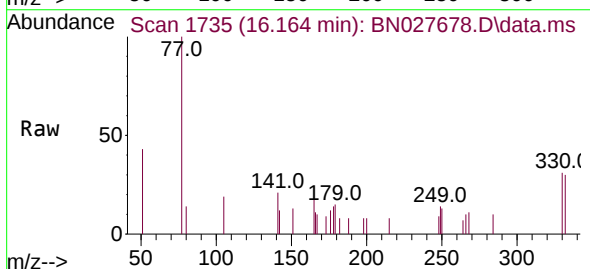
Tgt Ion:330 Resp: 399

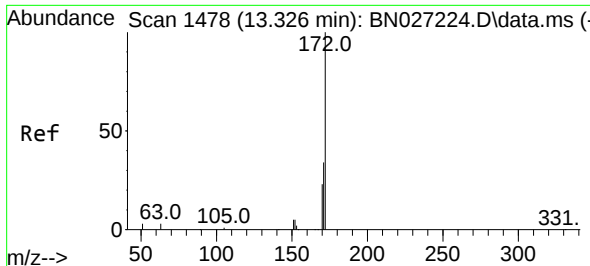
Ion Ratio Lower Upper

330 100

332 97.0 75.2 112.8

141 54.4 36.2 54.4#

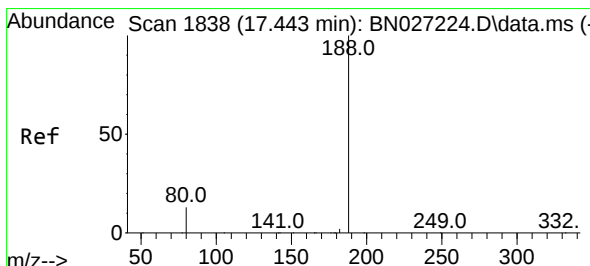
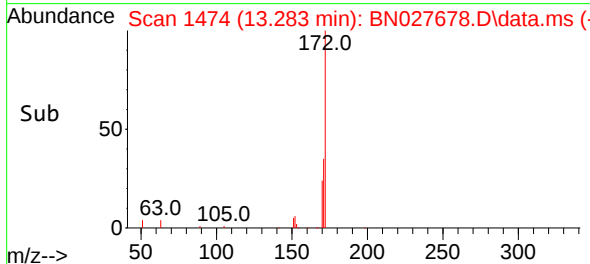
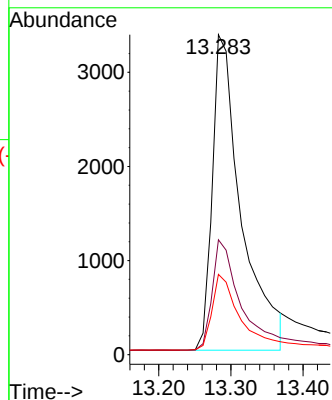
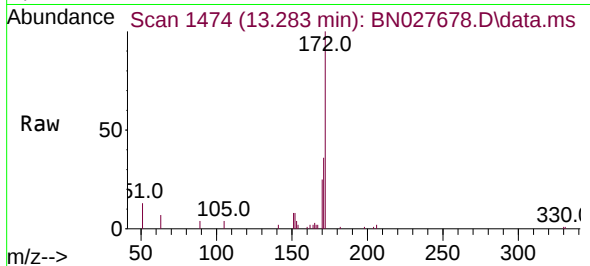




#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.283 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027678.D
Acq: 14 Sep 2023 13:53

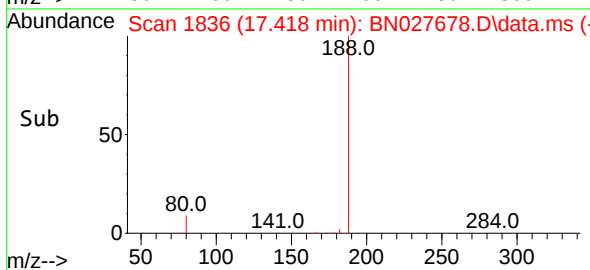
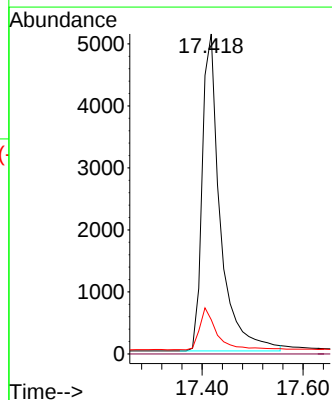
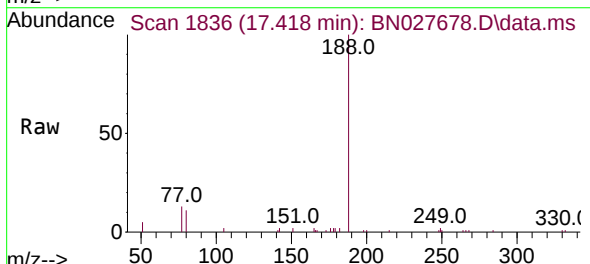
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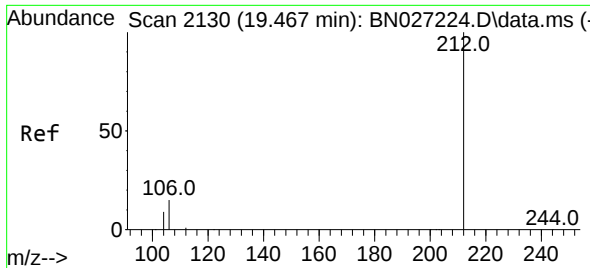
Tgt Ion:172 Resp: 9330
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.8
170 25.1 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.418 min Scan# 1836
Delta R.T. 0.012 min
Lab File: BN027678.D
Acq: 14 Sep 2023 13:53

Tgt Ion:188 Resp: 12707
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 11.0 16.6#

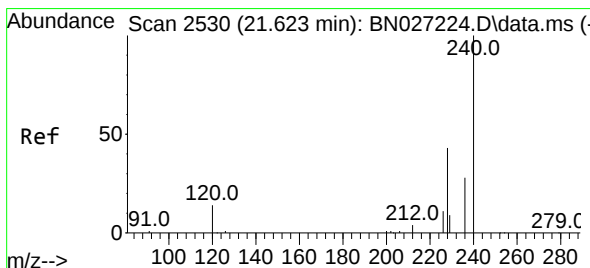
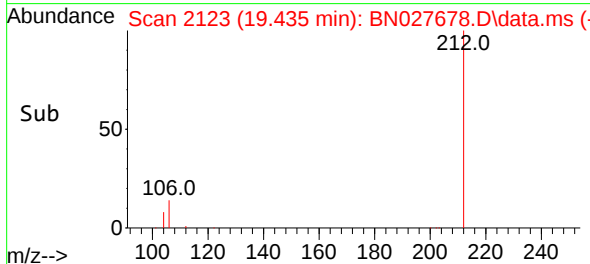
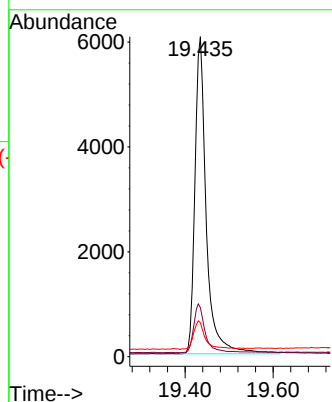
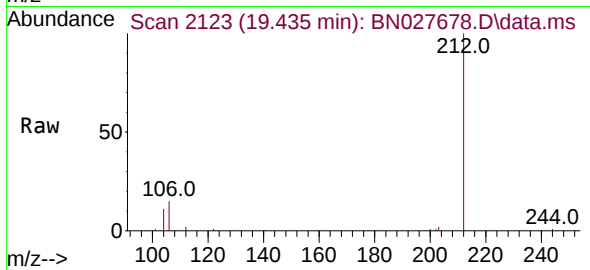




#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.435 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027678.D
Acq: 14 Sep 2023 13:53

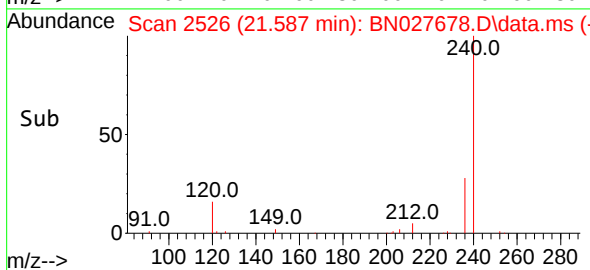
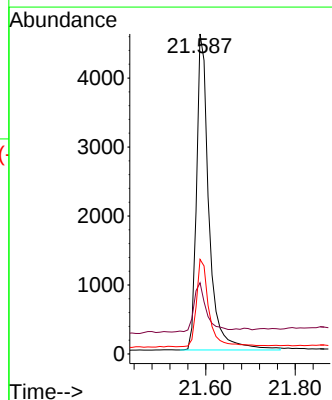
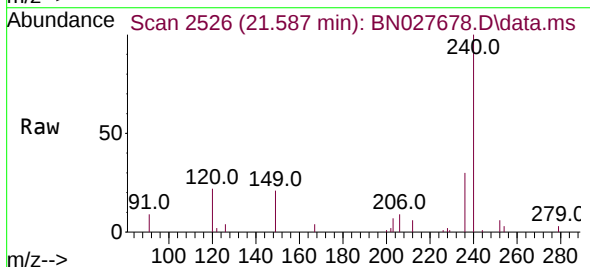
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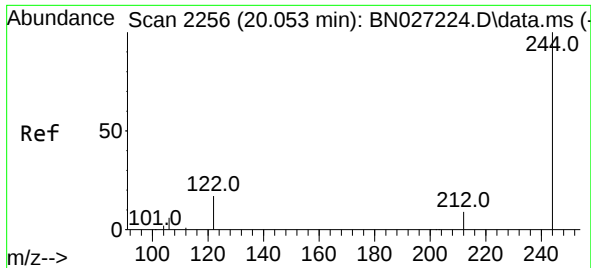
Tgt Ion:212 Resp: 10821
Ion Ratio Lower Upper
212 100
106 15.4 12.1 18.1
104 9.4 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027678.D
Acq: 14 Sep 2023 13:53

Tgt Ion:240 Resp: 8827
Ion Ratio Lower Upper
240 100
120 22.3 14.2 21.4#
236 29.5 22.9 34.3

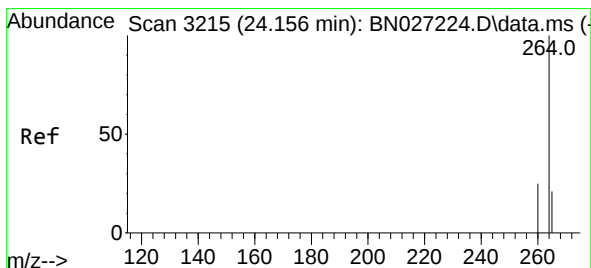
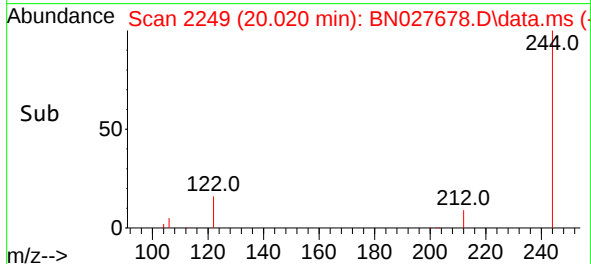
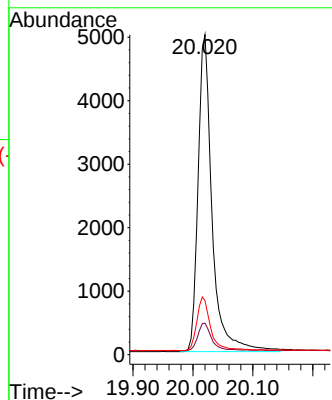
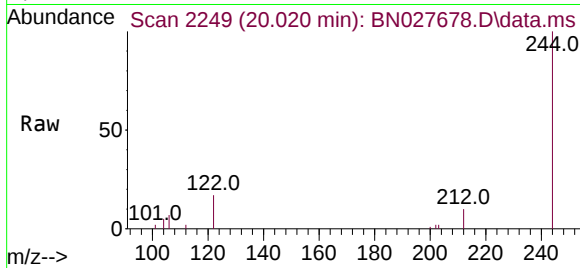




#31
 Terphenyl-d14
 Concen: 0.456 ng
 RT: 20.020 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027678.D
 Acq: 14 Sep 2023 13:53

Instrument :
 BNA_N
 ClientSampleId :
 PB155483BL

Tgt Ion:244 Resp: 8093
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.5 11.3
 122 16.9 14.0 21.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.098 min Scan# 3195
 Delta R.T. 0.003 min
 Lab File: BN027678.D
 Acq: 14 Sep 2023 13:53

Tgt Ion:264 Resp: 7856
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.7 31.1
 265 108.3 53.3 79.9#

