

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027591.D
 Acq On : 12 Sep 2023 01:55
 Operator : MA/JU
 Sample : PB155316BL
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155316BL

Quant Time: Sep 12 04:04:14 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	8.037	152	5523	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	14547	0.400	ng	# 0.00
13) Acenaphthene-d10	14.662	164	4928	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	12961	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	7732	0.400	ng	# 0.00
35) Perylene-d12	24.095	264	1854	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	9959	0.692	ng	0.00
5) Phenol-d6	7.185	99	9451	0.540	ng	0.00
8) Nitrobenzene-d5	9.230	82	6557	0.618	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	9447	0.442	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	1423	0.780	ng	0.01
15) 2-Fluorobiphenyl	13.293	172	14633	0.781	ng	0.00
27) Fluoranthene-d10	19.435	212	13880	0.431	ng	0.00
31) Terphenyl-d14	20.020	244	13273	0.855	ng	0.00

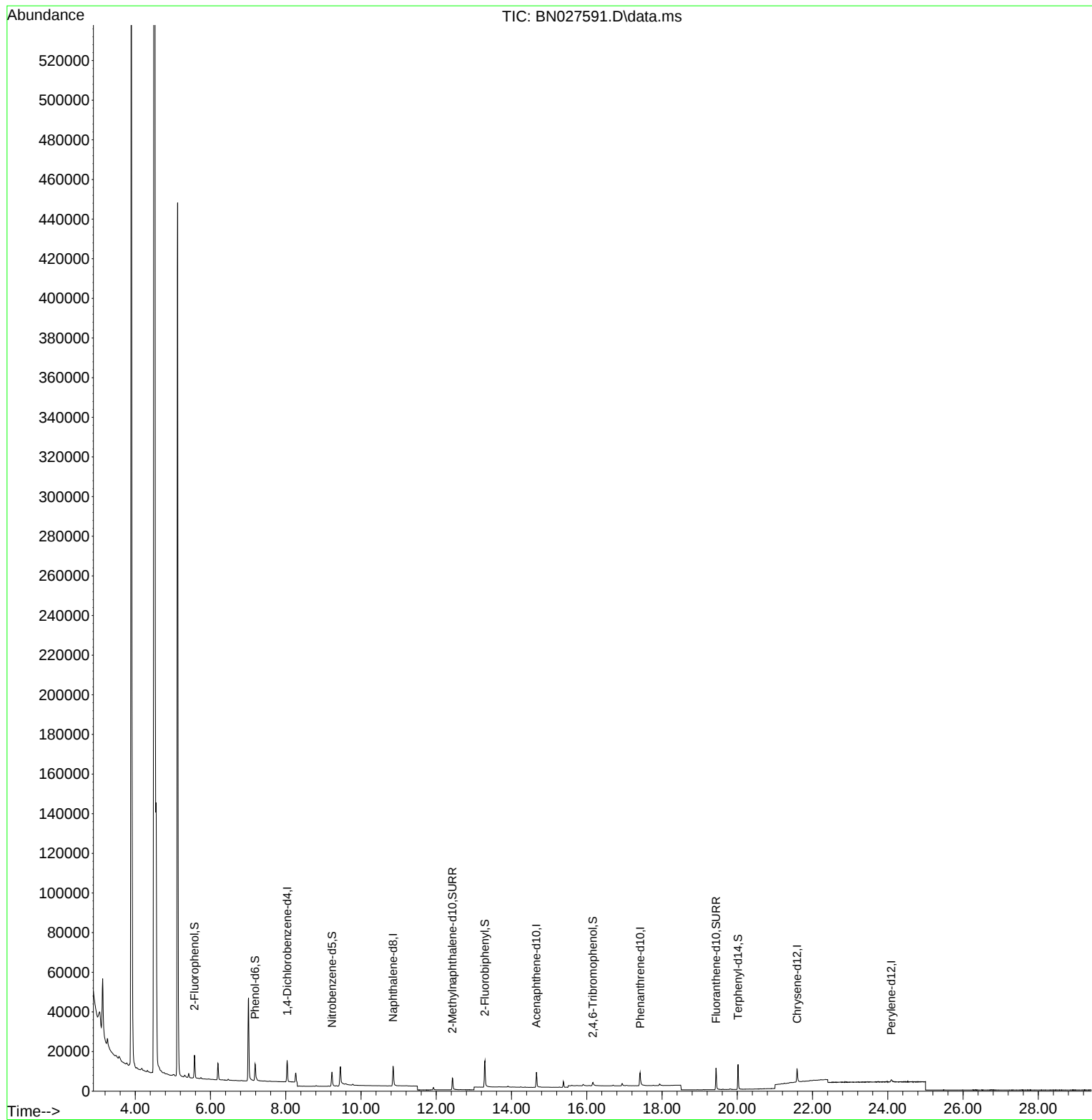
Target Compounds Qvalue

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

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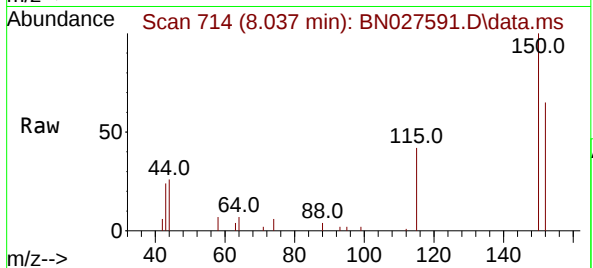
Quant Time: Sep 12 04:04:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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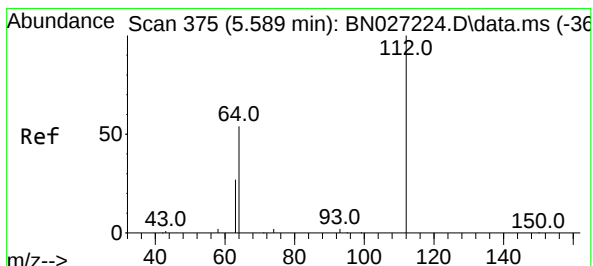
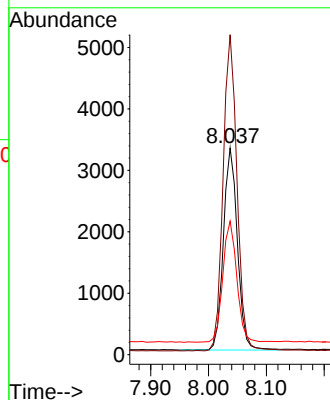
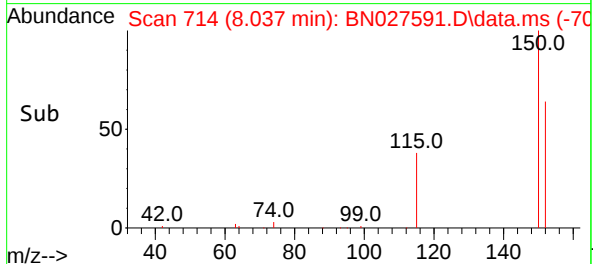


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.037 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

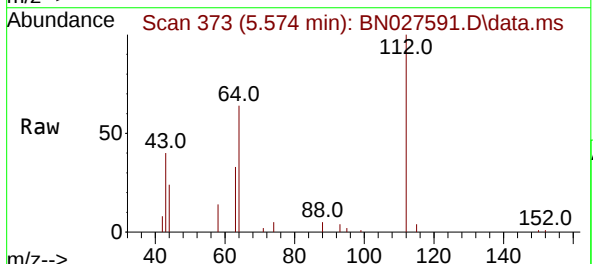
Instrument :
BNA_N
ClientSampleId :
PB155316BL



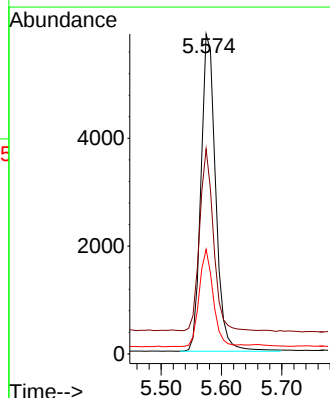
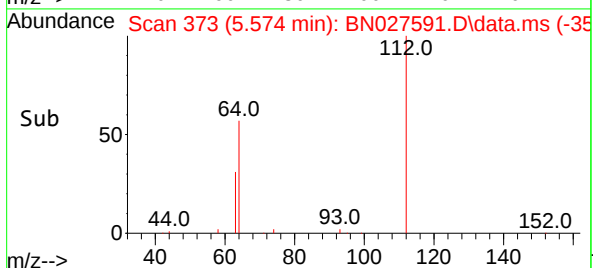
Tgt Ion:152 Resp: 5523
Ion Ratio Lower Upper
152 100
150 154.8 122.7 184.1
115 64.5 48.6 73.0



#4
2-Fluorophenol
Concen: 0.692 ng
RT: 5.574 min Scan# 373
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55



Tgt Ion:112 Resp: 9959
Ion Ratio Lower Upper
112 100
64 55.2 44.4 66.6
63 29.1 23.1 34.7

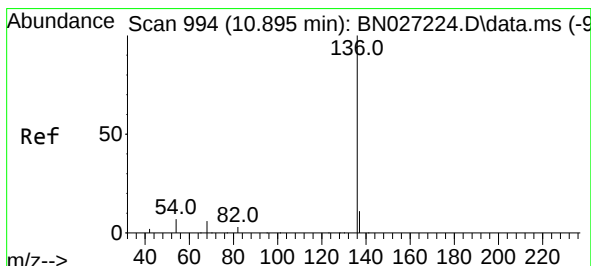
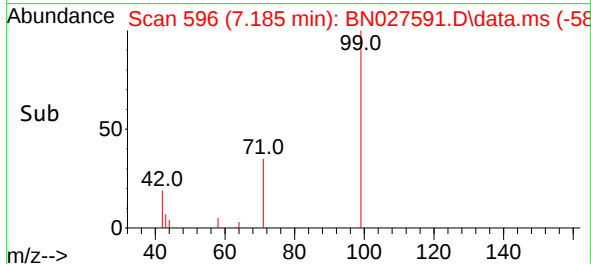
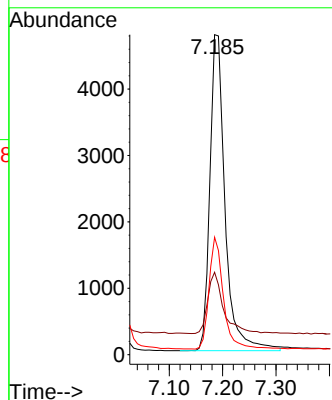
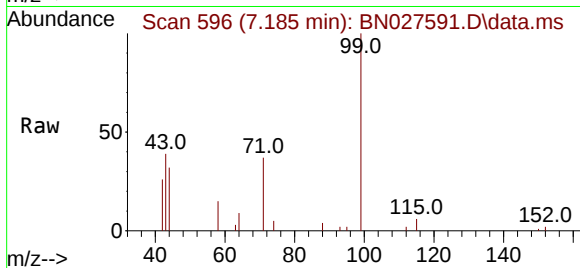




#5
Phenol-d6
Concen: 0.540 ng
RT: 7.185 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

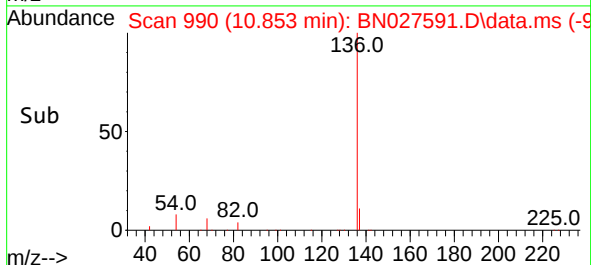
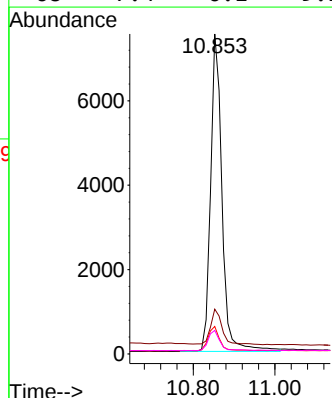
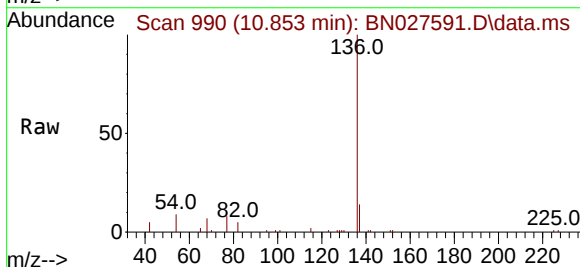
Instrument :
BNA_N
ClientSampleId :
PB155316BL

Tgt Ion:	99	Resp:	9451
Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	33.3	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: BN027591.D
Acq: 12 Sep 2023 01:55

Tgt Ion:	136	Resp:	14547
Ion	Ratio	Lower	Upper
136	100		
137	14.0	9.3	13.9
54	8.6	6.7	10.1
68	7.4	6.1	9.1

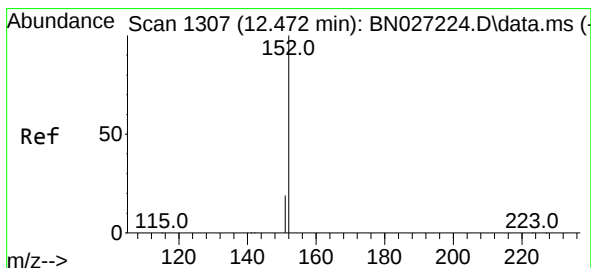
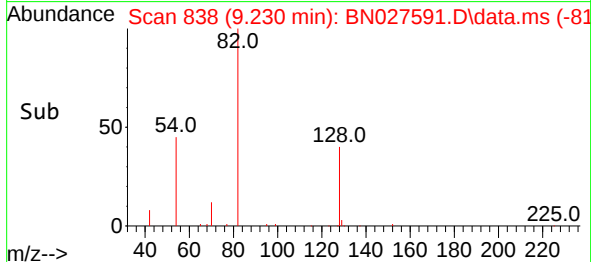
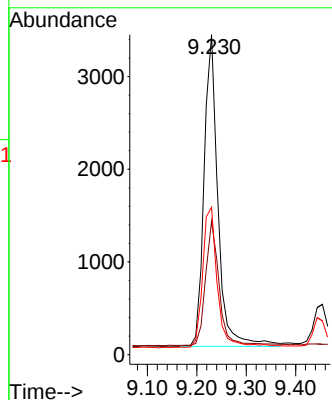
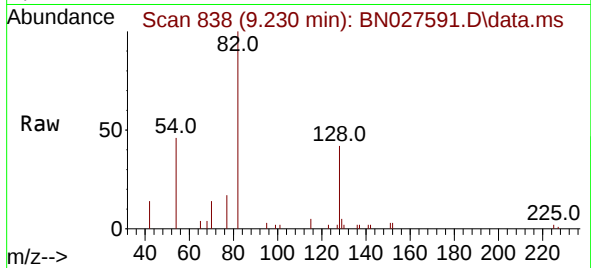




#8
Nitrobenzene-d5
Concen: 0.618 ng
RT: 9.230 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

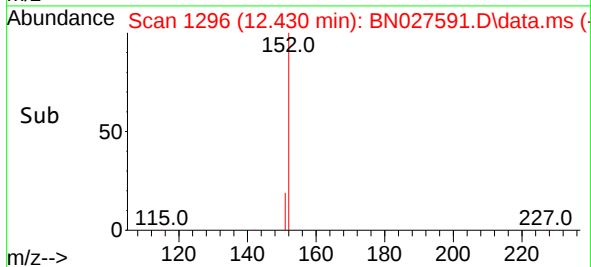
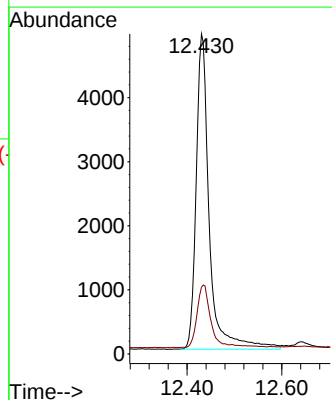
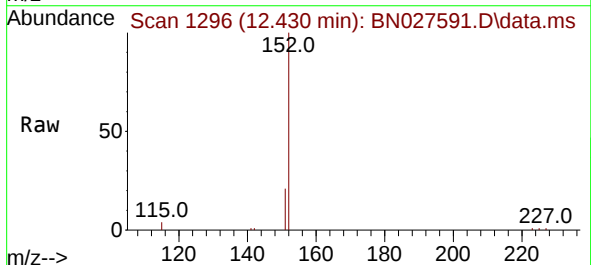
Instrument :
BNA_N
ClientSampleId :
PB155316BL

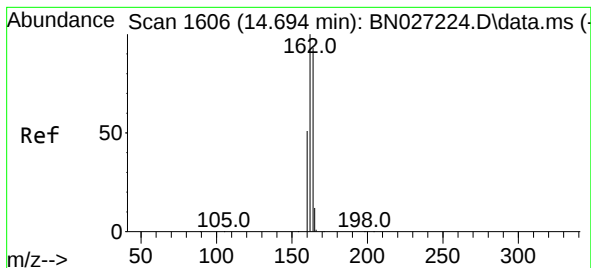
Tgt Ion: 82 Resp: 6557
Ion Ratio Lower Upper
82 100
128 41.7 33.4 50.0
54 46.1 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.442 ng
RT: 12.430 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

Tgt Ion: 152 Resp: 9447
Ion Ratio Lower Upper
152 100
151 21.5 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: BN027591.D

Acq: 12 Sep 2023 01:55

Instrument :

BNA_N

ClientSampleId :

PB155316BL

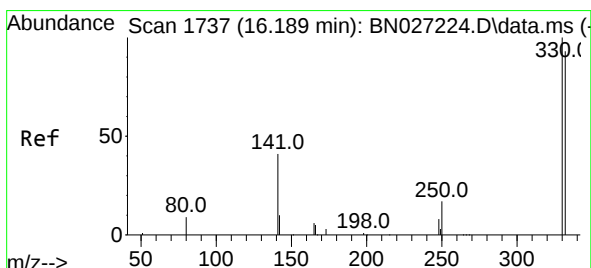
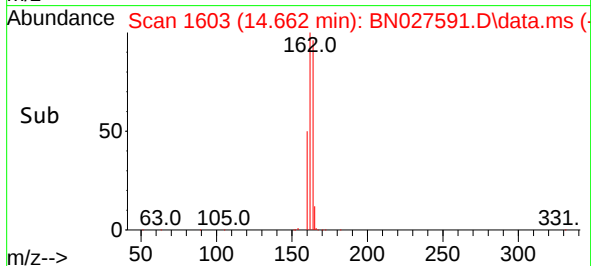
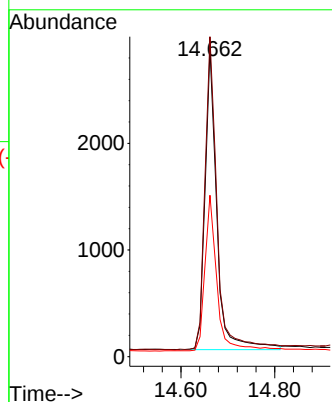
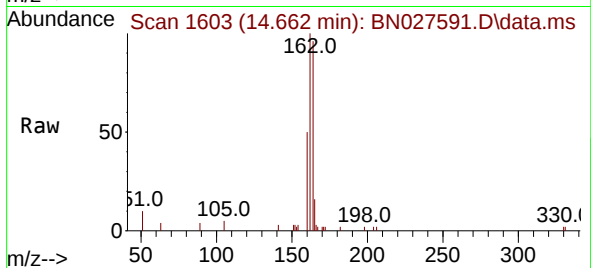
Tgt Ion:164 Resp: 4928

Ion Ratio Lower Upper

164 100

162 104.1 85.8 128.8

160 52.5 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.780 ng

RT: 16.164 min Scan# 1735

Delta R.T. 0.012 min

Lab File: BN027591.D

Acq: 12 Sep 2023 01:55

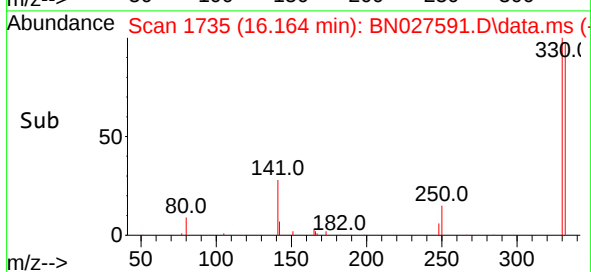
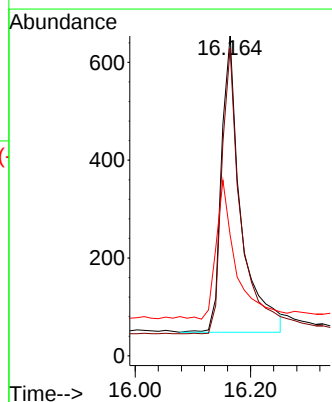
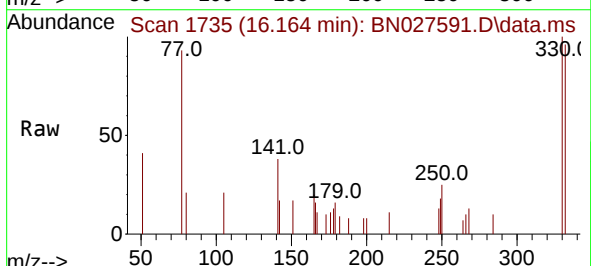
Tgt Ion:330 Resp: 1423

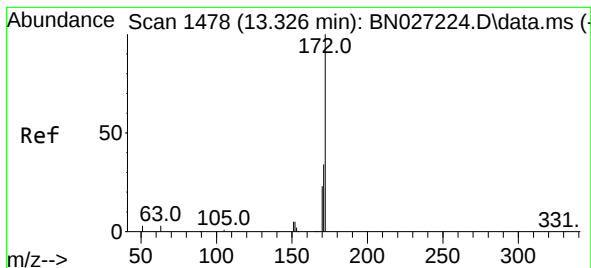
Ion Ratio Lower Upper

330 100

332 94.7 75.2 112.8

141 45.9 36.2 54.4





#15

2-Fluorobiphenyl

Concen: 0.781 ng

RT: 13.293 min Scan# 1478

Delta R.T. 0.000 min

Lab File: BN027591.D

Acq: 12 Sep 2023 01:55

Instrument :

BNA_N

ClientSampleId :

PB155316BL

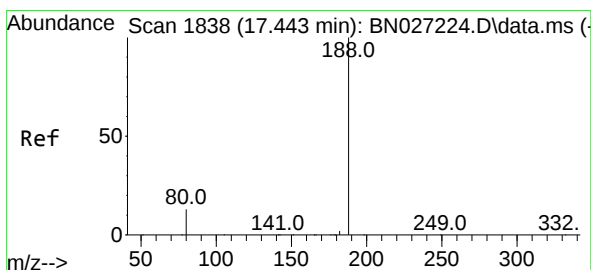
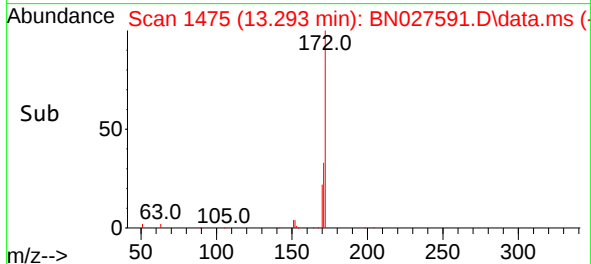
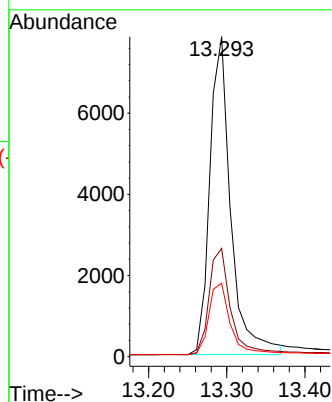
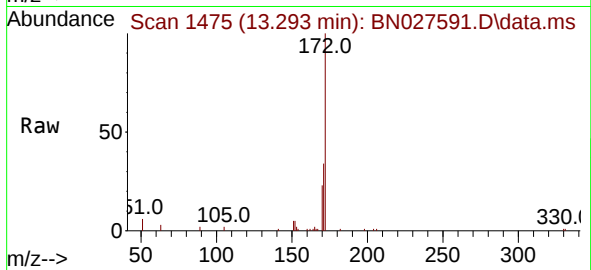
Tgt Ion:172 Resp: 14633

Ion Ratio Lower Upper

172 100

171 33.8 27.8 41.8

170 23.0 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: BN027591.D

Acq: 12 Sep 2023 01:55

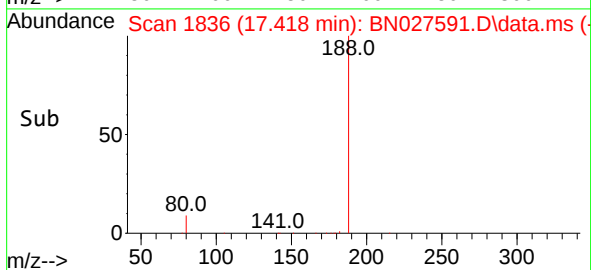
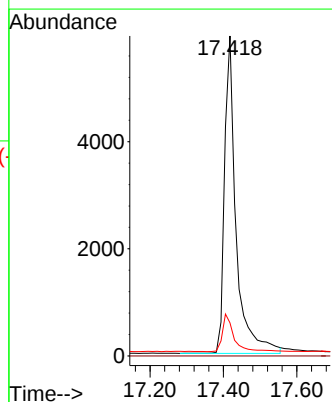
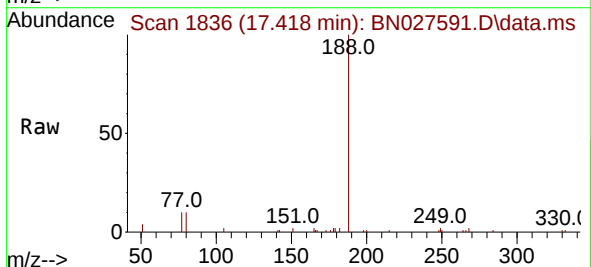
Tgt Ion:188 Resp: 12961

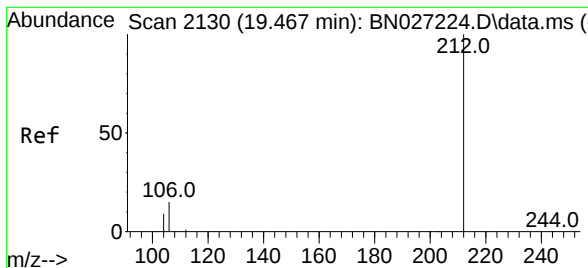
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 11.0 16.6#





#27

Fluoranthene-d10

Concen: 0.431 ng

RT: 19.435 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027591.D

Acq: 12 Sep 2023 01:55

Instrument :

BNA_N

ClientSampleId :

PB155316BL

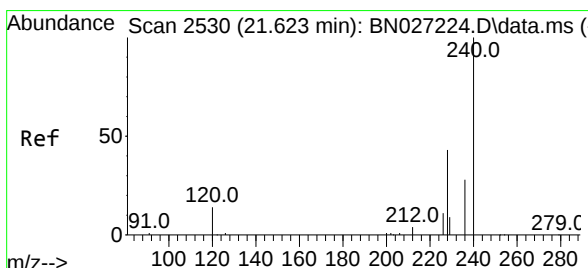
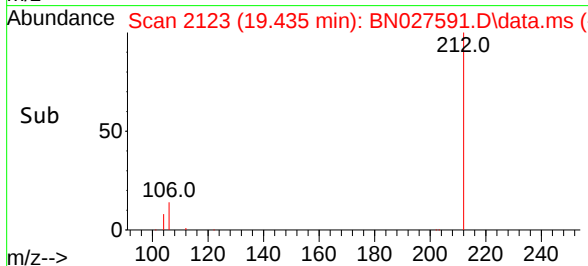
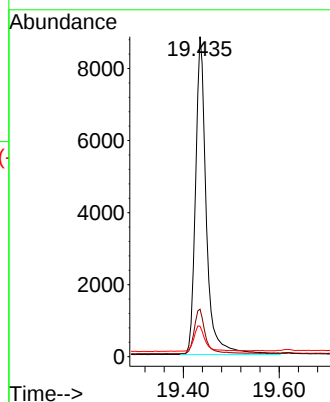
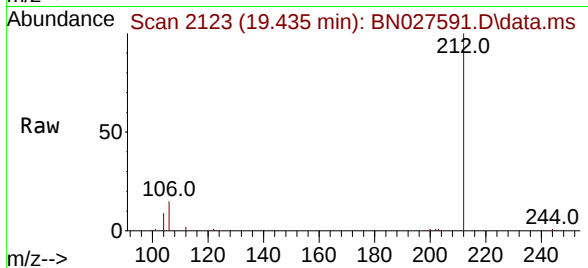
Tgt Ion:212 Resp: 13880

Ion Ratio Lower Upper

212 100

106 14.5 12.1 18.1

104 8.4 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: BN027591.D

Acq: 12 Sep 2023 01:55

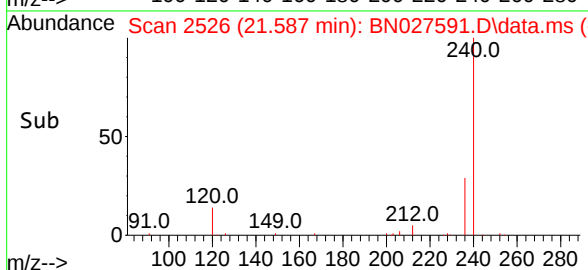
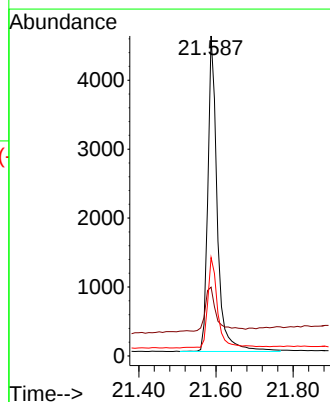
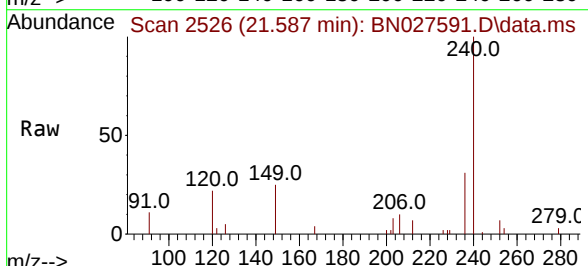
Tgt Ion:240 Resp: 7732

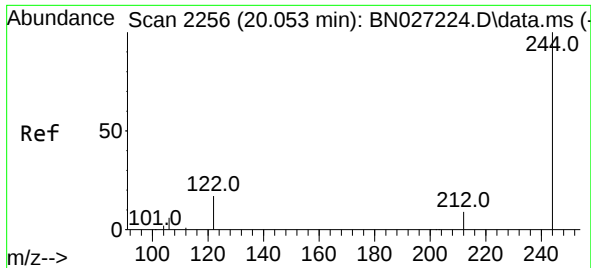
Ion Ratio Lower Upper

240 100

120 21.5 14.2 21.4#

236 30.7 22.9 34.3

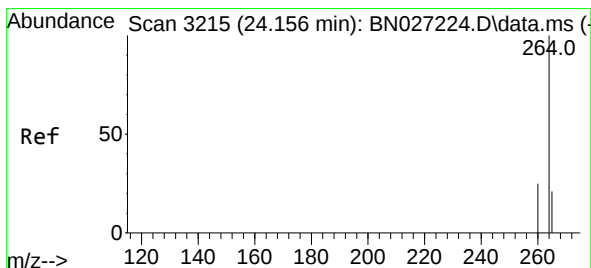
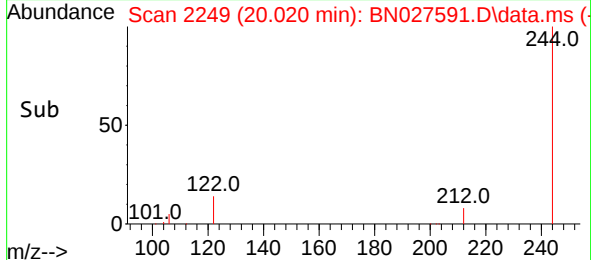
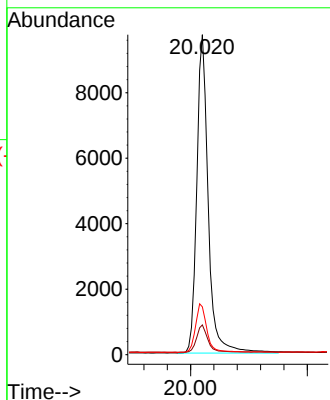
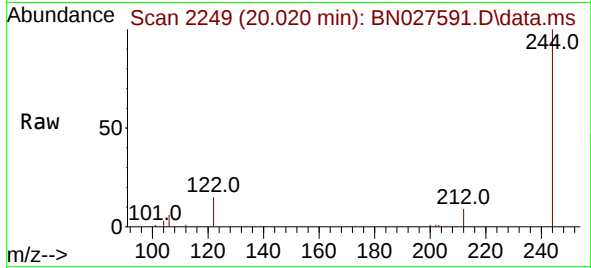




#31
 Terphenyl-d14
 Concen: 0.855 ng
 RT: 20.020 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027591.D
 Acq: 12 Sep 2023 01:55

Instrument :
 BNA_N
 ClientSampleId :
 PB155316BL

Tgt Ion:244 Resp: 13273
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.5 11.3
 122 14.9 14.0 21.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.095 min Scan# 3194
 Delta R.T. 0.000 min
 Lab File: BN027591.D
 Acq: 12 Sep 2023 01:55

Tgt Ion:264 Resp: 1854
 Ion Ratio Lower Upper
 264 100
 260 34.5 20.7 31.1#
 265 372.7 53.3 79.9#

