

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027684.D
 Acq On : 14 Sep 2023 17:35
 Operator : MA/JU
 Sample : 04390-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 14 19:05:37 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)

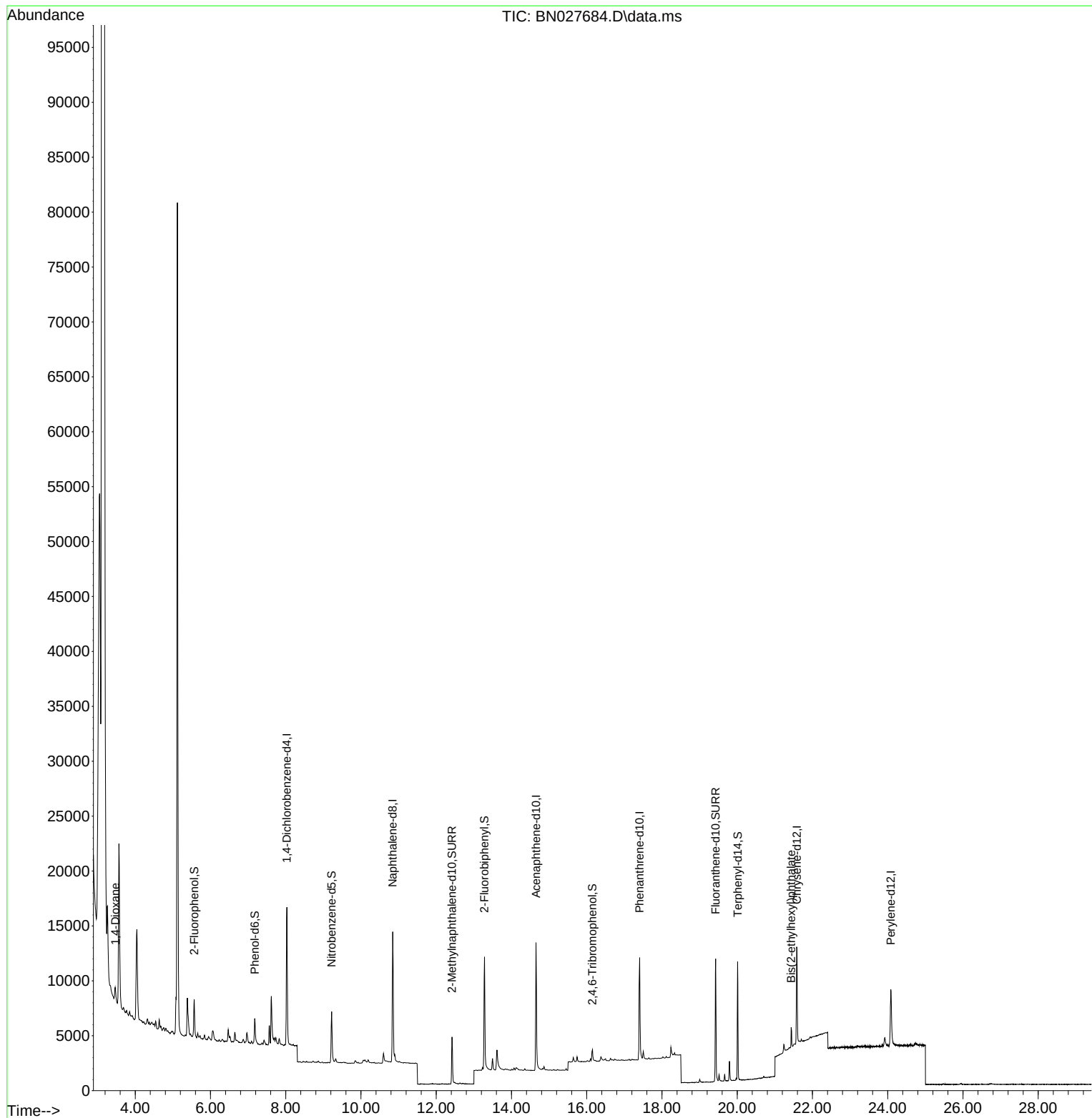
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6377	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	16552	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	7225	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	14076	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	9935	0.400	ng	0.00
35) Perylene-d12	24.083	264	8847	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	3160	0.190	ng	0.00
5) Phenol-d6	7.178	99	2496	0.123	ng	0.00
8) Nitrobenzene-d5	9.219	82	4251	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	6546	0.269	ng	-0.01
14) 2,4,6-Tribromophenol	16.152	330	709	0.265	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10306	0.375	ng	-0.01
27) Fluoranthene-d10	19.425	212	12675	0.362	ng	0.00
31) Terphenyl-d14	20.011	244	10096	0.506	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	1153	0.148	ng	# 48
34) Bis(2-ethylhexyl)phtha...	21.435	149	1755	0.107	ng	99

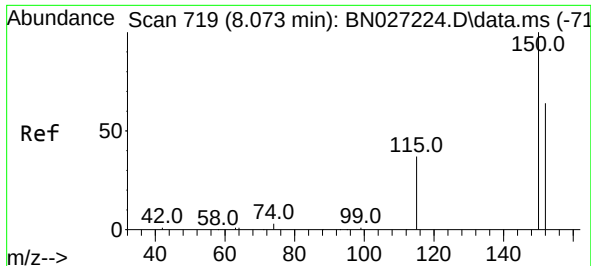
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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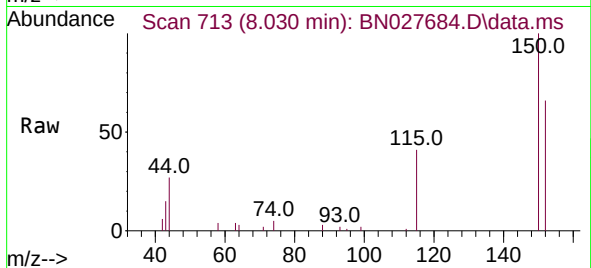
Quant Time: Sep 14 19:05:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



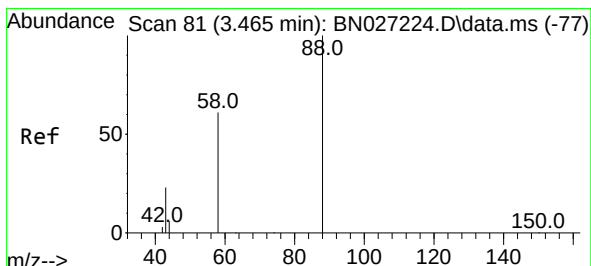
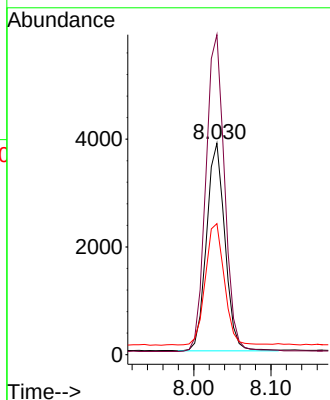
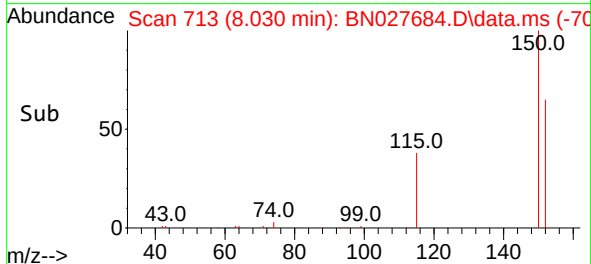


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027684.D
 Acq: 14 Sep 2023 17:35

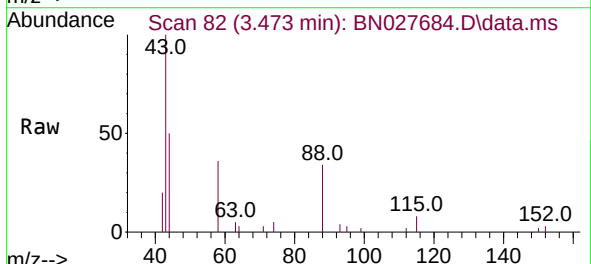
Instrument :
 BNA_N
 ClientSampleId :



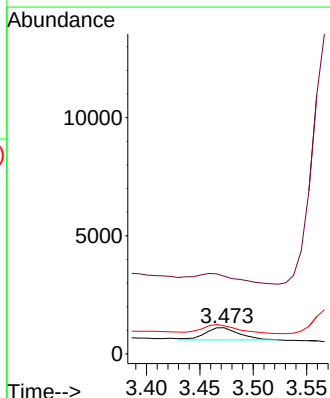
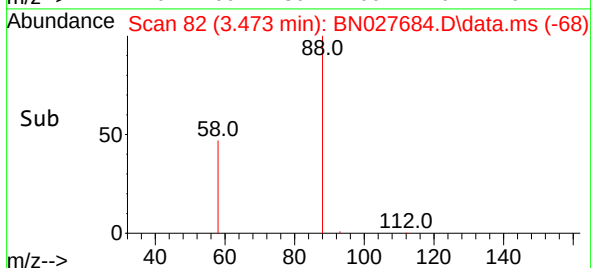
Tgt Ion:152 Resp: 6377
 Ion Ratio Lower Upper
 152 100
 150 151.4 122.7 184.1
 115 62.0 48.6 73.0

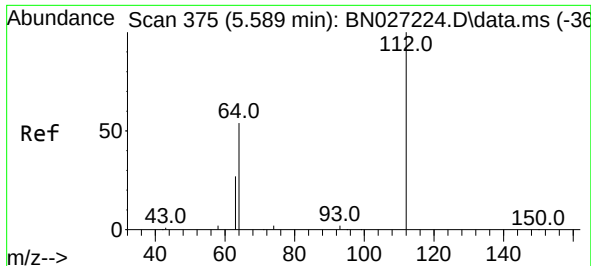


#2
 1,4-Dioxane
 Concen: 0.148 ng
 RT: 3.473 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: BN027684.D
 Acq: 14 Sep 2023 17:35



Tgt Ion: 88 Resp: 1153
 Ion Ratio Lower Upper
 88 100
 43 101.0 19.1 28.7#
 58 76.1 52.2 78.2





#4

2-Fluorophenol

Concen: 0.190 ng

RT: 5.567 min Scan# 31

Delta R.T. -0.007 min

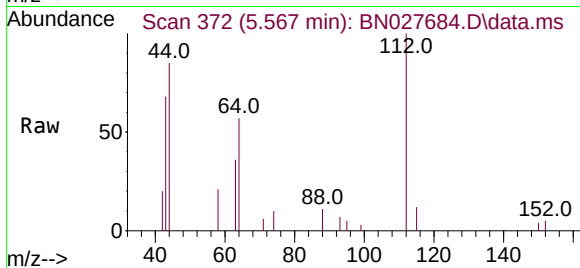
Lab File: BN027684.D

Acq: 14 Sep 2023 17:35

Instrument :

BNA_N

ClientSampleId :



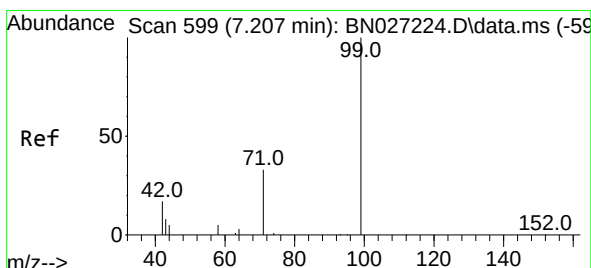
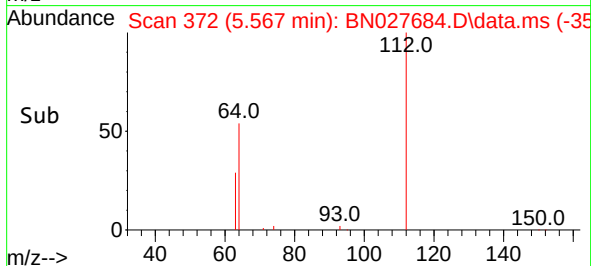
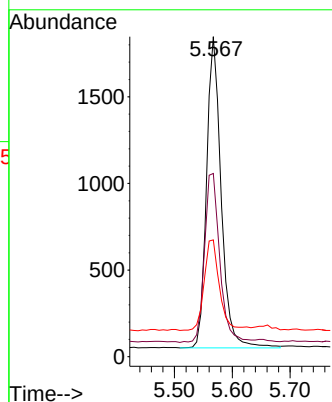
Tgt Ion:112 Resp: 3160

Ion Ratio Lower Upper

112 100

64 56.6 44.4 66.6

63 30.1 23.1 34.7



#5

Phenol-d6

Concen: 0.123 ng

RT: 7.178 min Scan# 595

Delta R.T. -0.007 min

Lab File: BN027684.D

Acq: 14 Sep 2023 17:35

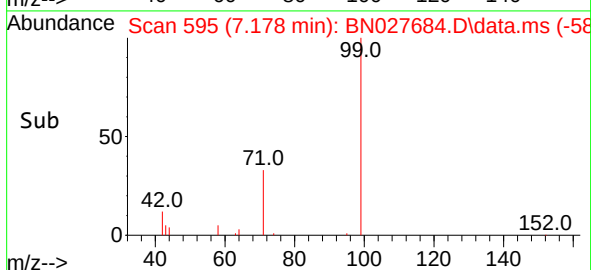
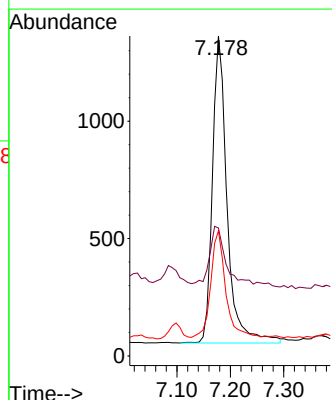
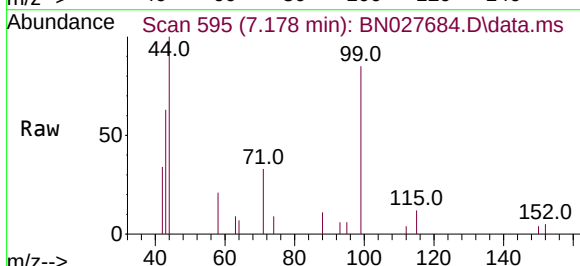
Tgt Ion: 99 Resp: 2496

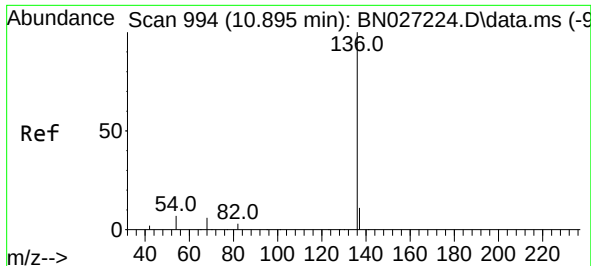
Ion Ratio Lower Upper

99 100

42 24.1 14.5 21.7#

71 35.0 25.8 38.6

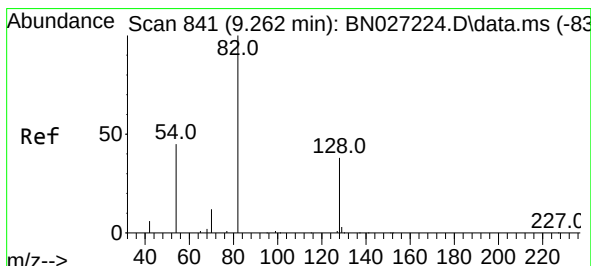
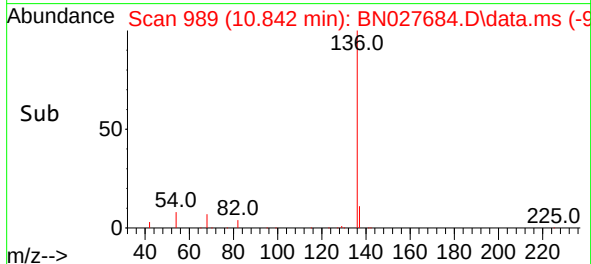
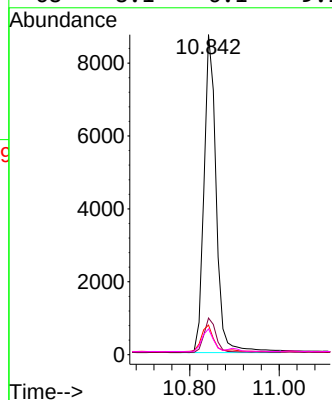
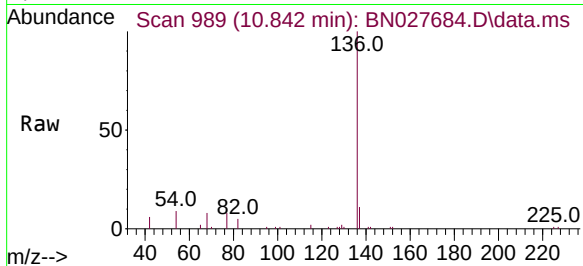




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.842 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN027684.D
Acq: 14 Sep 2023 17:35

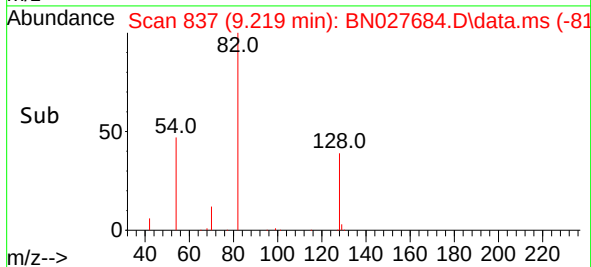
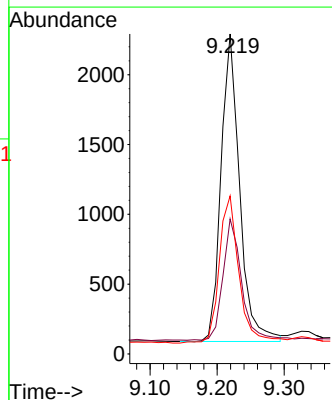
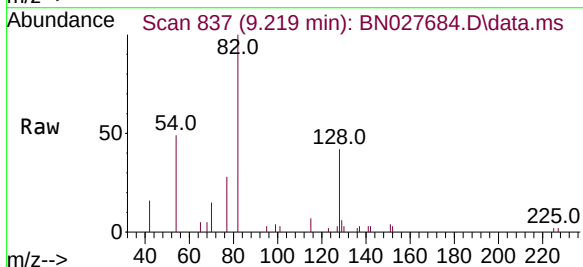
Instrument :
BNA_N
ClientSampleId :

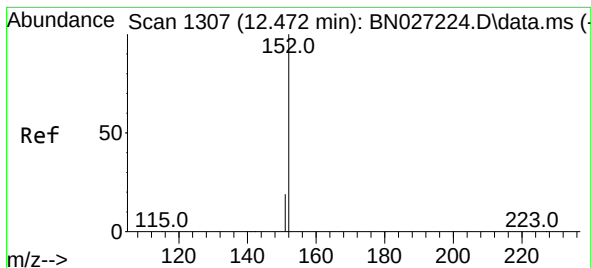
Tgt Ion:	136	Resp:	16552
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.3	6.7	10.1
68	8.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027684.D
Acq: 14 Sep 2023 17:35

Tgt Ion:	82	Resp:	4251
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	49.4	37.7	56.5

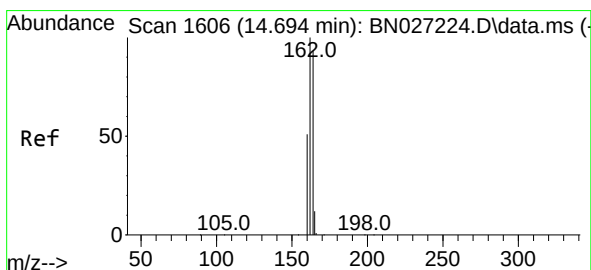
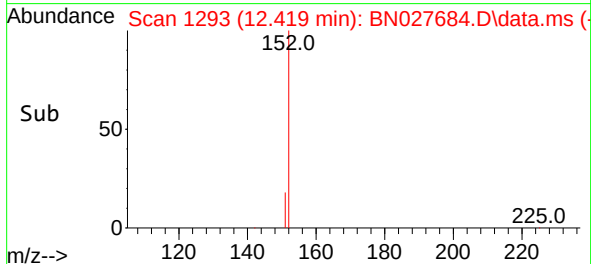
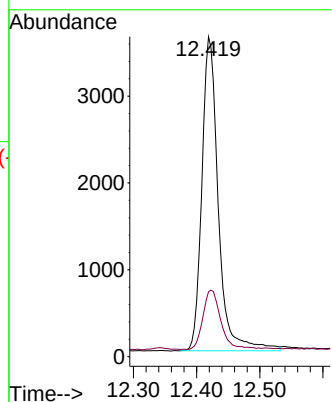
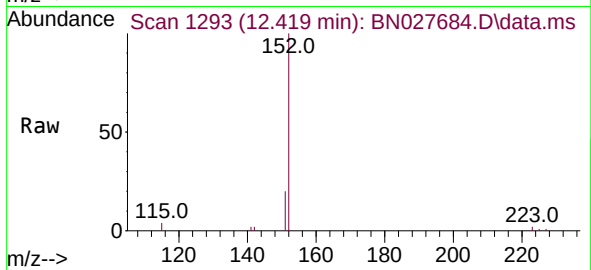




#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.419 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027684.D
Acq: 14 Sep 2023 17:35

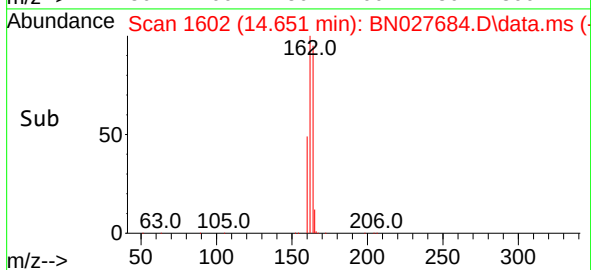
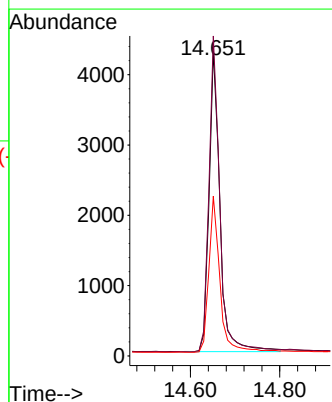
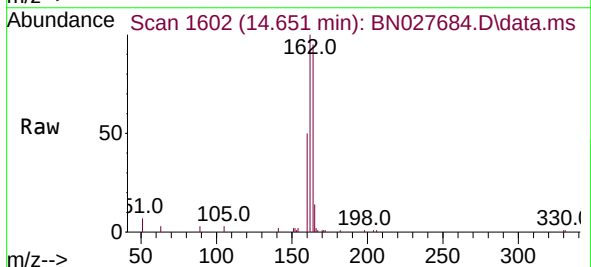
Instrument :
BNA_N
ClientSampleId :

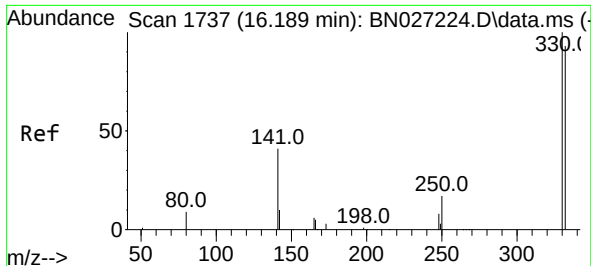
Tgt Ion:152 Resp: 6546
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. -0.011 min
Lab File: BN027684.D
Acq: 14 Sep 2023 17:35

Tgt Ion:164 Resp: 7225
Ion Ratio Lower Upper
164 100
162 105.0 85.8 128.8
160 52.4 44.2 66.2





#14

2,4,6-Tribromophenol

Concen: 0.265 ng

RT: 16.152 min Scan# 1734

Delta R.T. 0.000 min

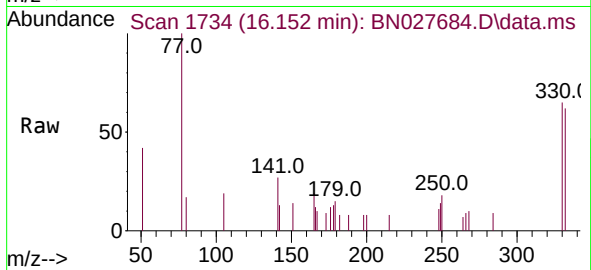
Lab File: BN027684.D

Acq: 14 Sep 2023 17:35

Instrument :

BNA_N

ClientSampleId :



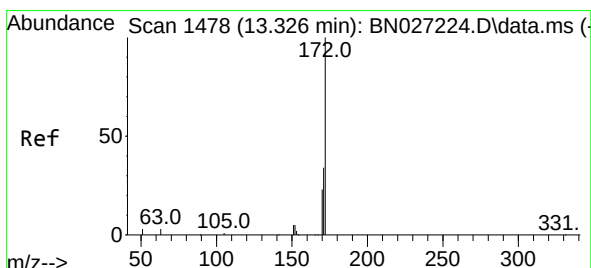
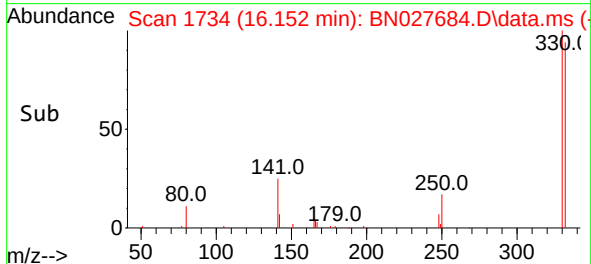
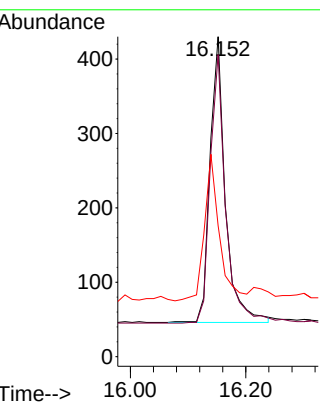
Tgt Ion:330 Resp: 709

Ion Ratio Lower Upper

330 100

332 94.8 75.2 112.8

141 49.9 36.2 54.4



#15

2-Fluorobiphenyl

Concen: 0.375 ng

RT: 13.283 min Scan# 1474

Delta R.T. -0.011 min

Lab File: BN027684.D

Acq: 14 Sep 2023 17:35

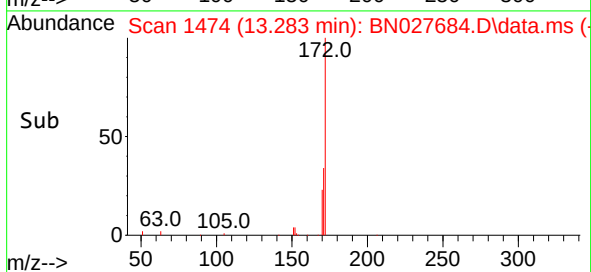
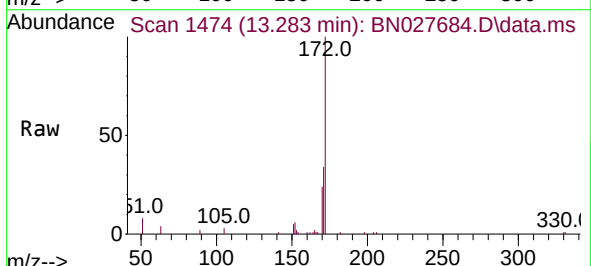
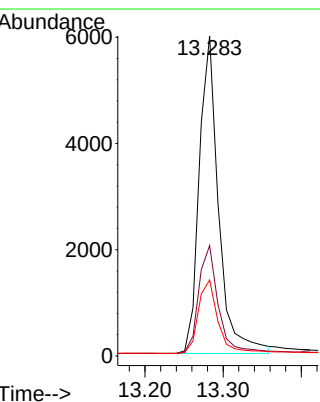
Tgt Ion:172 Resp: 10306

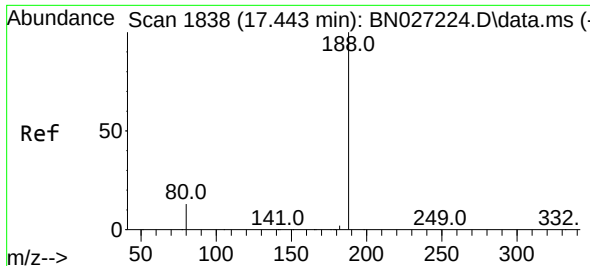
Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

170 23.7 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027684.D

Acq: 14 Sep 2023 17:35

Instrument :

BNA_N

ClientSampleId :

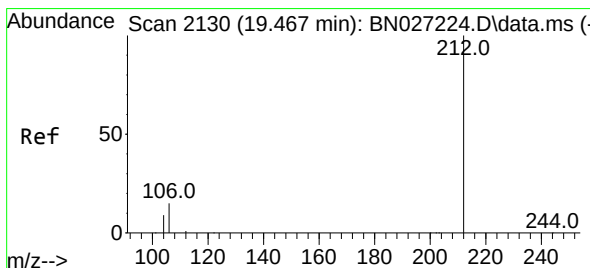
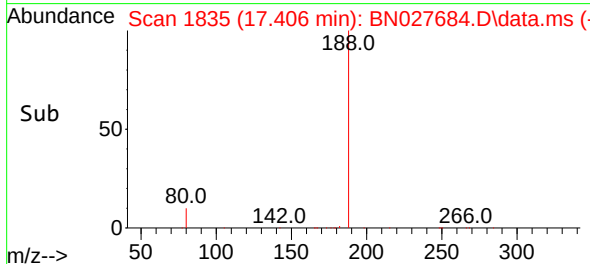
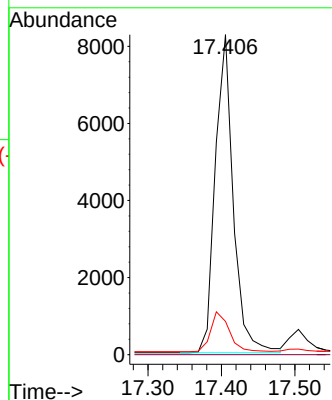
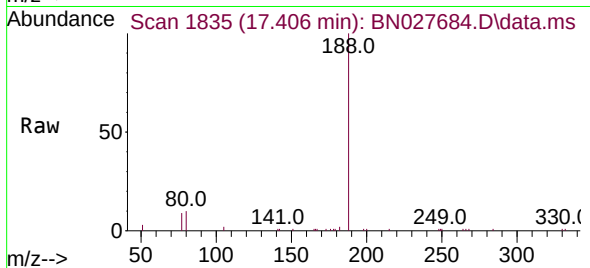
Tgt Ion:188 Resp: 14076

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 11.0 16.6#



#27

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.425 min Scan# 2121

Delta R.T. -0.009 min

Lab File: BN027684.D

Acq: 14 Sep 2023 17:35

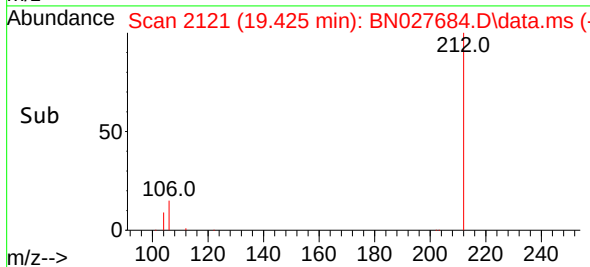
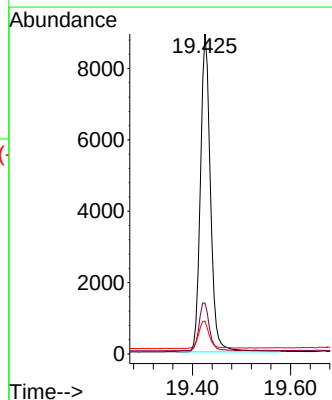
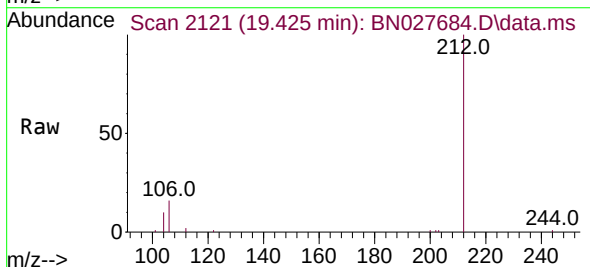
Tgt Ion:212 Resp: 12675

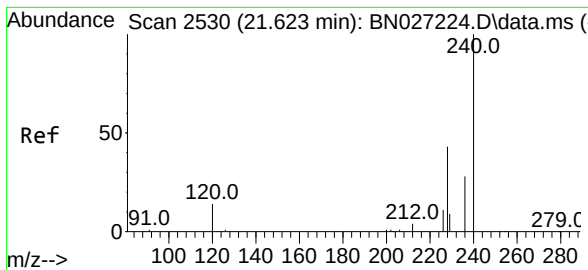
Ion Ratio Lower Upper

212 100

106 15.4 12.1 18.1

104 9.0 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027684.D

Acq: 14 Sep 2023 17:35

Instrument :

BNA_N

ClientSampleId :

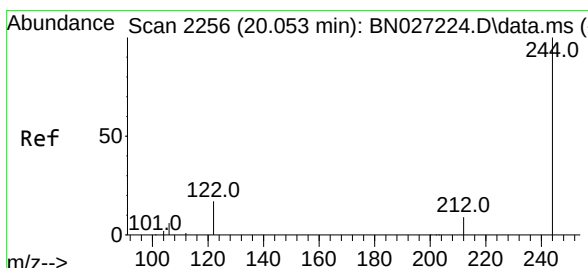
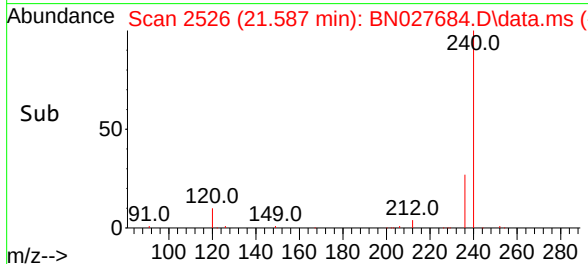
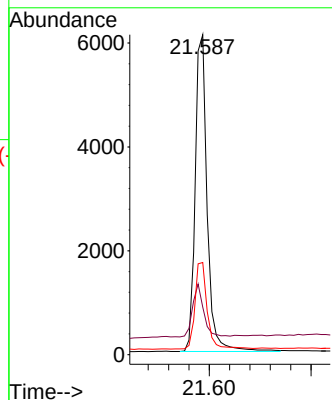
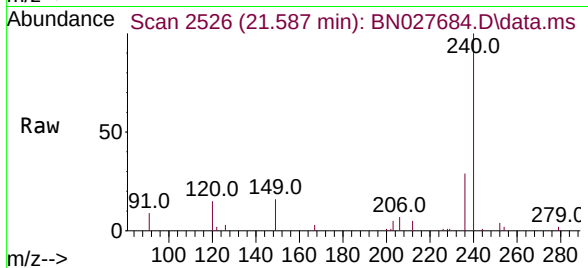
Tgt Ion:240 Resp: 9935

Ion Ratio Lower Upper

240 100

120 14.9 14.2 21.4

236 28.8 22.9 34.3



#31

Terphenyl-d14

Concen: 0.506 ng

RT: 20.011 min Scan# 2247

Delta R.T. -0.009 min

Lab File: BN027684.D

Acq: 14 Sep 2023 17:35

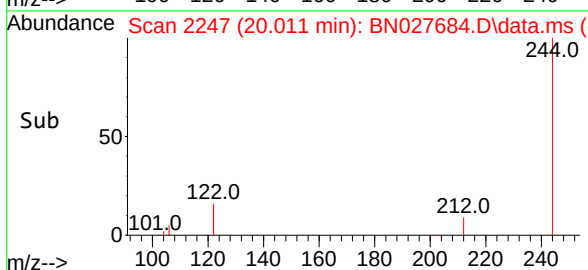
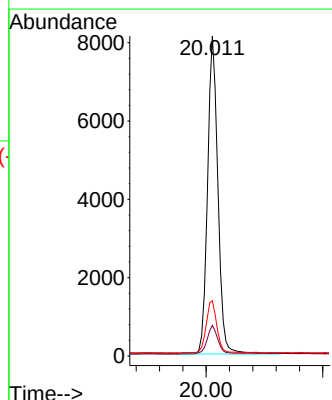
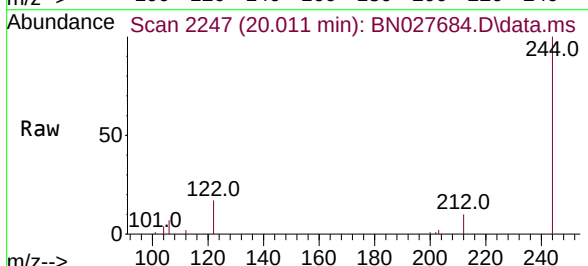
Tgt Ion:244 Resp: 10096

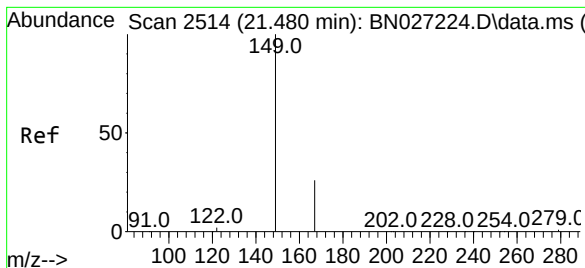
Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

122 17.2 14.0 21.0

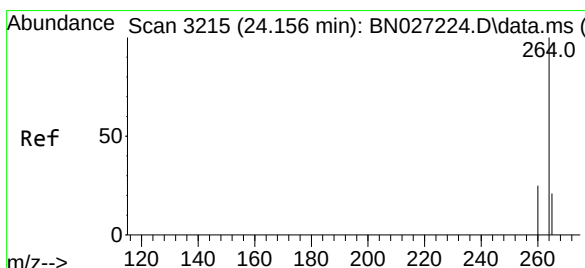
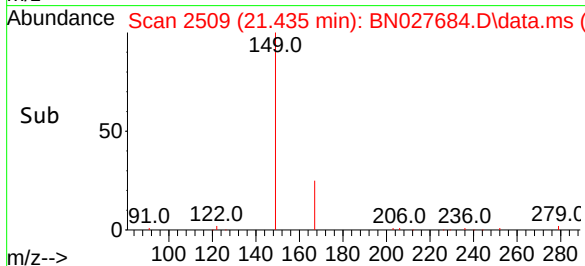
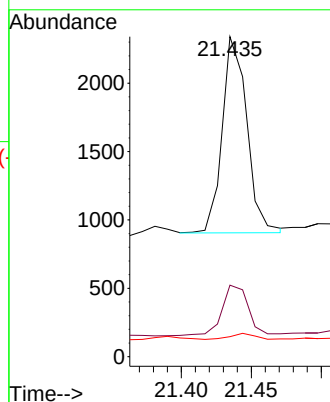
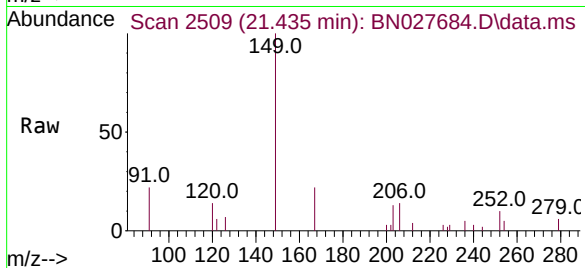




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.107 ng
 RT: 21.435 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN027684.D
 Acq: 14 Sep 2023 17:35

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 1755
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.1 33.1
 279 3.1 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.083 min Scan# 3190
 Delta R.T. -0.012 min
 Lab File: BN027684.D
 Acq: 14 Sep 2023 17:35

Tgt Ion:264 Resp: 8847
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.7 31.1
 265 86.4 53.3 79.9#

