

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027641.D
 Acq On : 13 Sep 2023 12:34
 Operator : MA/JU
 Sample : 04251-03DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 13 14:00:17 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)

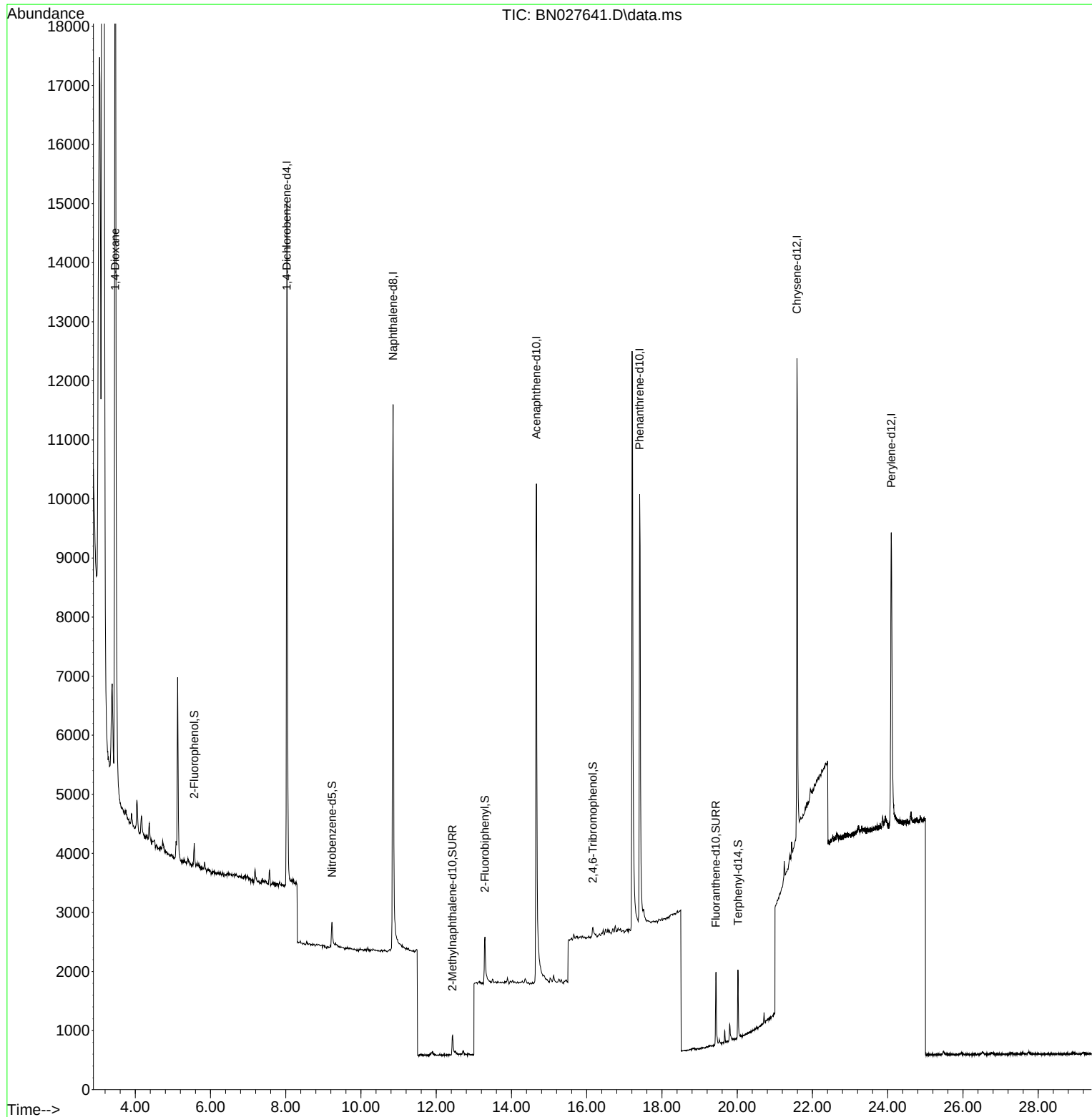
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6060	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	14869	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	6813	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	13191	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9430	0.400	ng	# 0.00
35) Perylene-d12	24.095	264	8951	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	387	0.024	ng	0.00
5) Phenol-d6	7.185	99	257	0.013	ng	0.00
8) Nitrobenzene-d5	9.230	82	513	0.047	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	704	0.032	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	124	0.049	ng	0.01
15) 2-Fluorobiphenyl	13.293	172	1115	0.043	ng	0.00
27) Fluoranthene-d10	19.435	212	1507	0.046	ng	0.00
31) Terphenyl-d14	20.020	244	1283	0.068	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	21309	2.880	ng	Qvalue 96

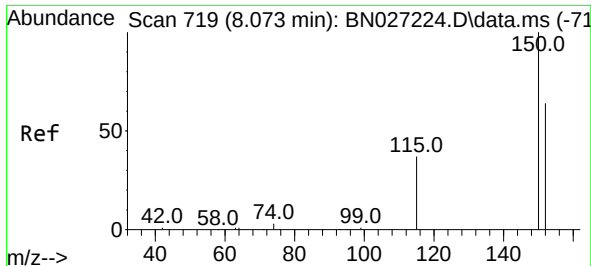
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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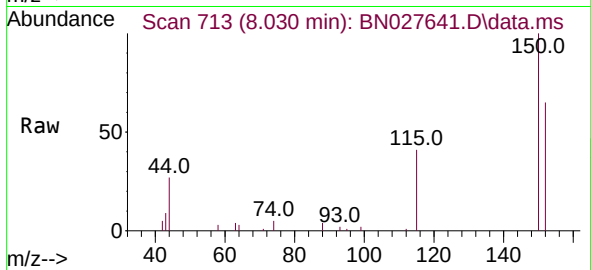
Quant Time: Sep 13 14:00:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



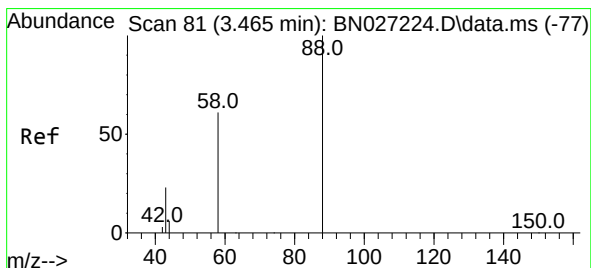
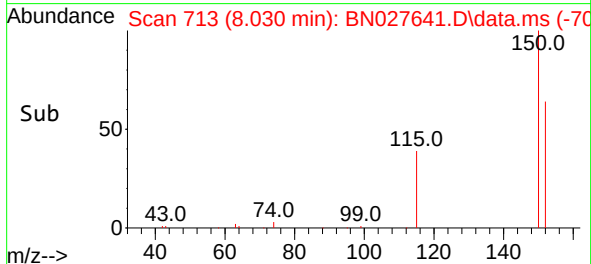
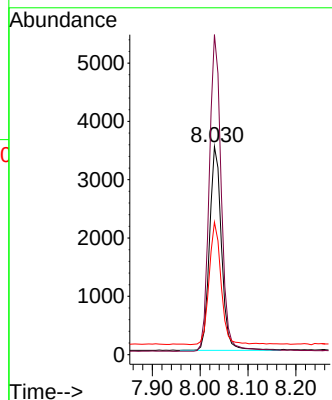


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 719
 Delta R.T. -0.007 min
 Lab File: BN027641.D
 Acq: 13 Sep 2023 12:34

Instrument :
 BNA_N
 ClientSampleId :

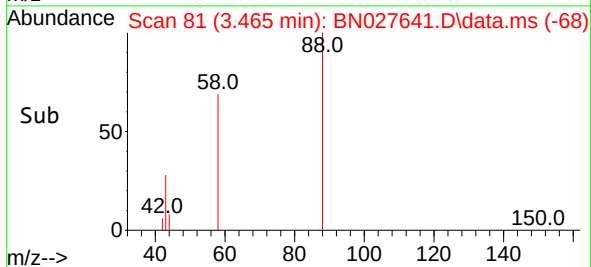
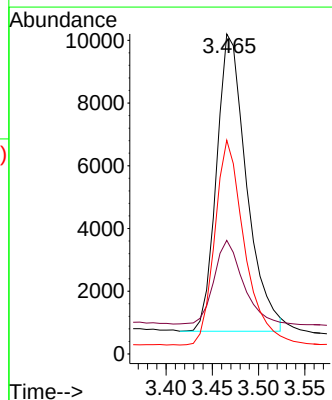
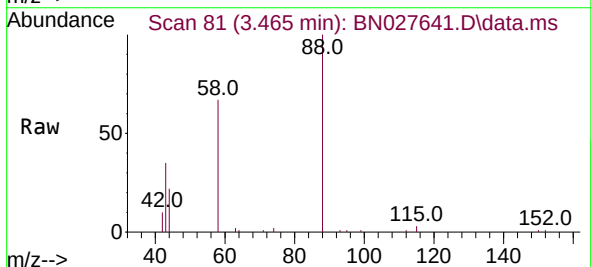


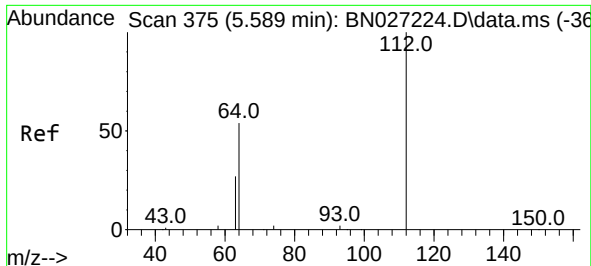
Tgt Ion: 152 Resp: 6060
 Ion Ratio Lower Upper
 152 100
 150 153.7 122.7 184.1
 115 63.6 48.6 73.0



#2
 1,4-Dioxane
 Concen: 2.880 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027641.D
 Acq: 13 Sep 2023 12:34

Tgt Ion: 88 Resp: 21309
 Ion Ratio Lower Upper
 88 100
 43 27.1 19.1 28.7
 58 67.9 52.2 78.2

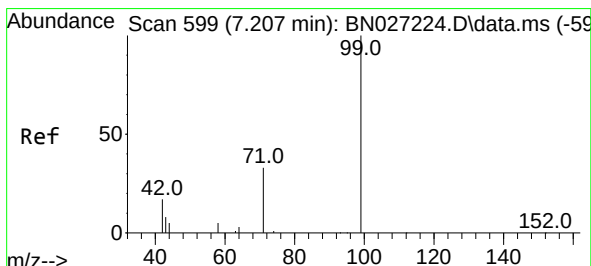
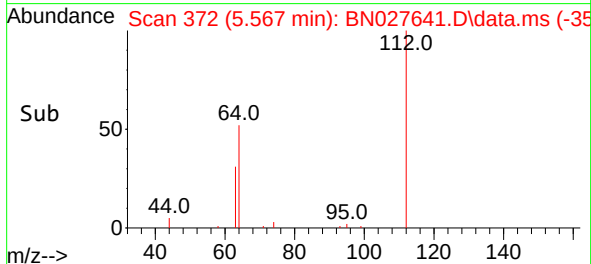
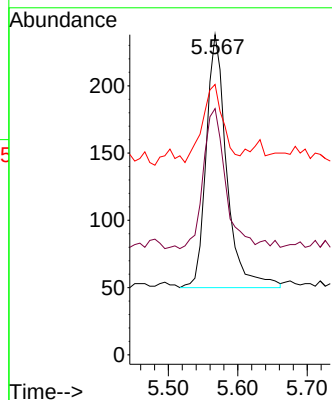
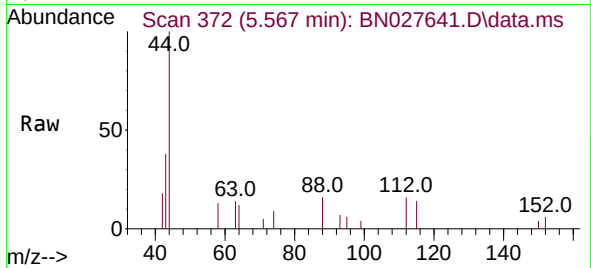




#4
2-Fluorophenol
Concen: 0.024 ng
RT: 5.567 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027641.D
Acq: 13 Sep 2023 12:34

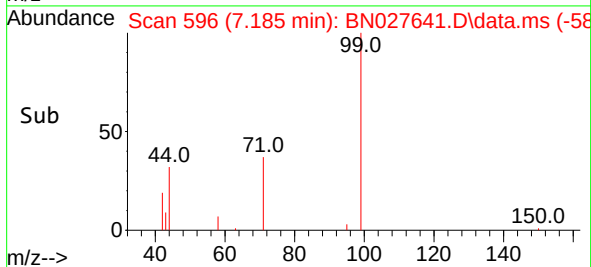
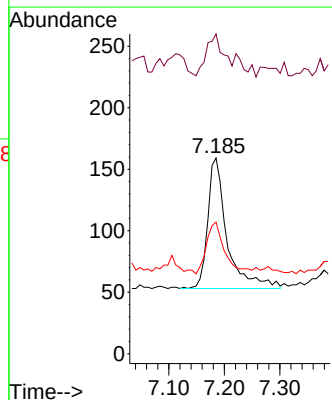
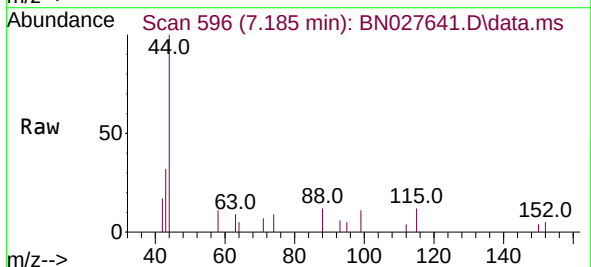
Instrument :
BNA_N
ClientSampleId :

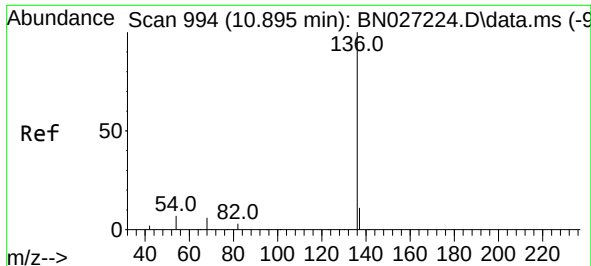
Tgt Ion:112 Resp: 387
Ion Ratio Lower Upper
112 100
64 58.1 44.4 66.6
63 31.3 23.1 34.7



#5
Phenol-d6
Concen: 0.013 ng
RT: 7.185 min Scan# 596
Delta R.T. 0.000 min
Lab File: BN027641.D
Acq: 13 Sep 2023 12:34

Tgt Ion: 99 Resp: 257
Ion Ratio Lower Upper
99 100
42 28.0 14.5 21.7#
71 37.4 25.8 38.6

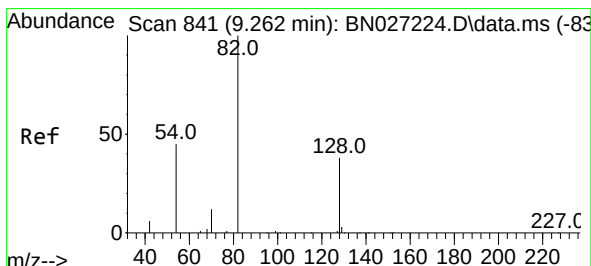
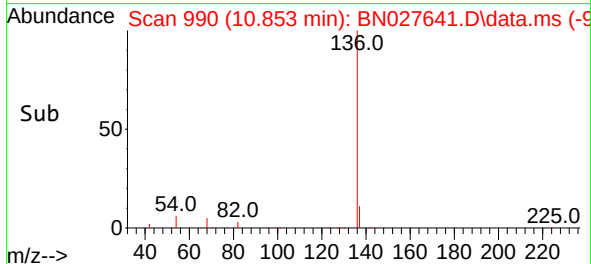
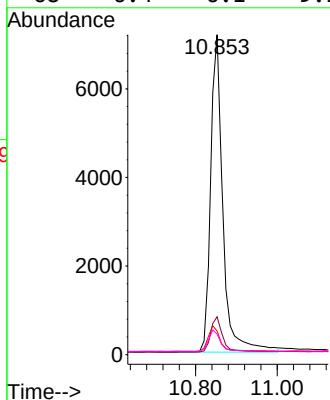
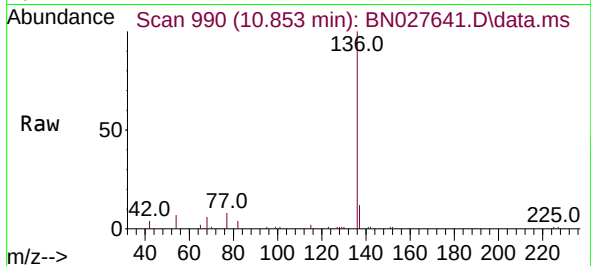




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN027641.D
Acq: 13 Sep 2023 12:34

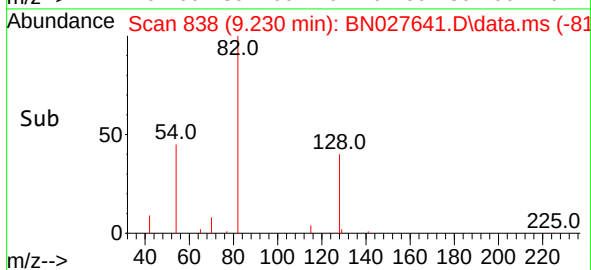
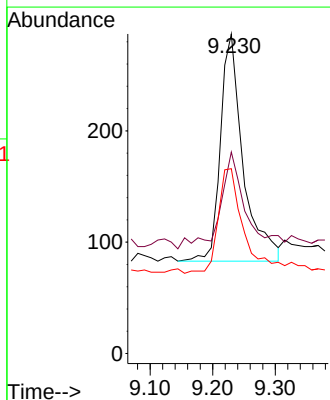
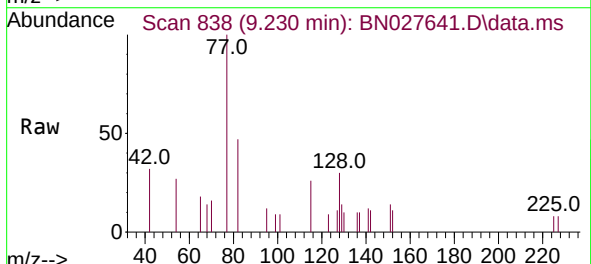
Instrument :
BNA_N
ClientSampleId :

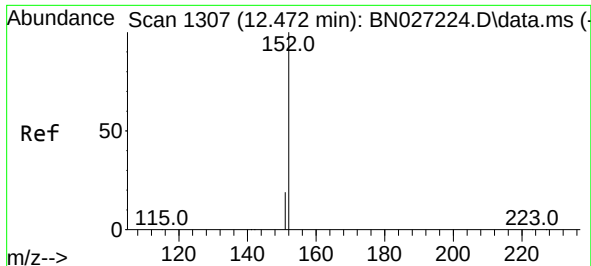
Tgt Ion:	136	Resp:	14869
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.3	13.9
54	7.4	6.7	10.1
68	6.4	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.047 ng
RT: 9.230 min Scan# 838
Delta R.T. 0.000 min
Lab File: BN027641.D
Acq: 13 Sep 2023 12:34

Tgt Ion:	82	Resp:	513
Ion Ratio	Lower	Upper	
82	100		
128	63.1	33.4	50.0#
54	57.8	37.7	56.5#





#11

2-Methylnaphthalene-d10

Concen: 0.032 ng

RT: 12.430 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027641.D

Acq: 13 Sep 2023 12:34

Instrument :

BNA_N

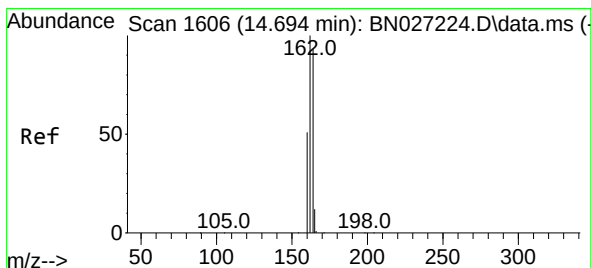
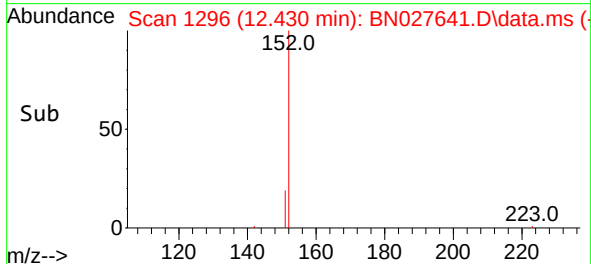
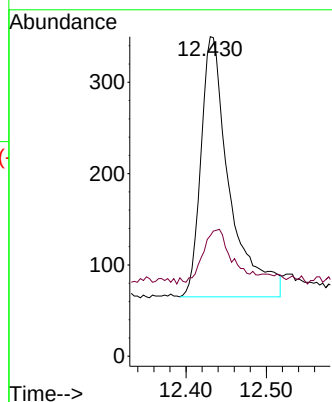
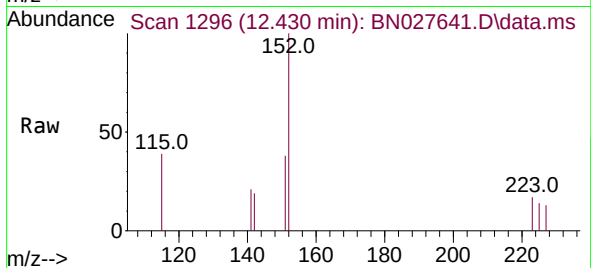
ClientSampleId :

Tgt Ion:152 Resp: 704

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: BN027641.D

Acq: 13 Sep 2023 12:34

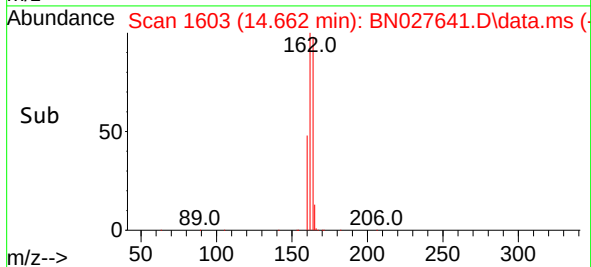
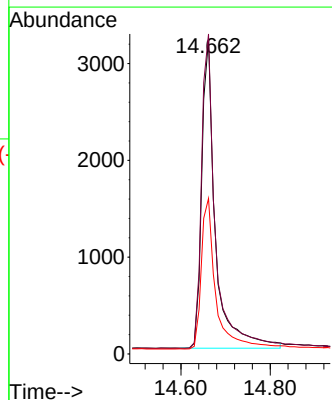
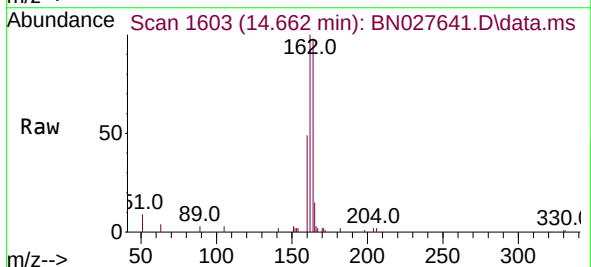
Tgt Ion:164 Resp: 6813

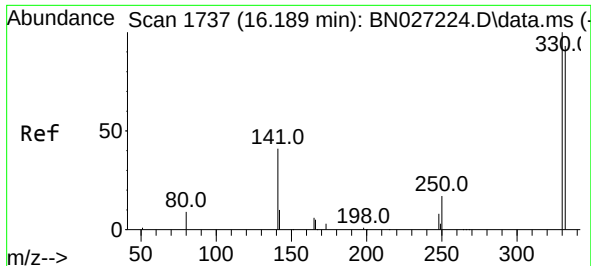
Ion Ratio Lower Upper

164 100

162 101.7 85.8 128.8

160 49.4 44.2 66.2

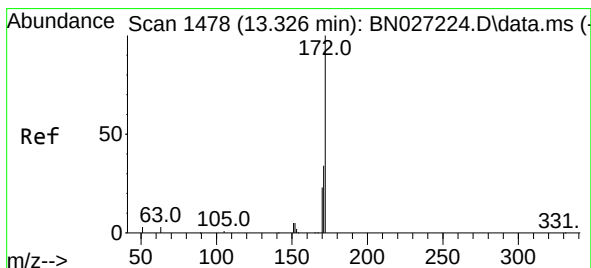
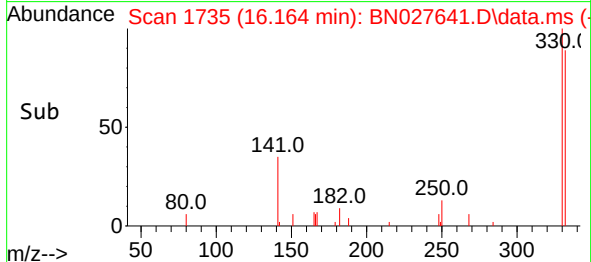
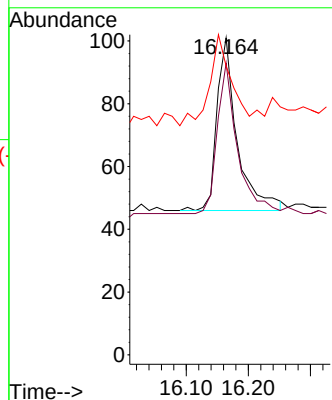
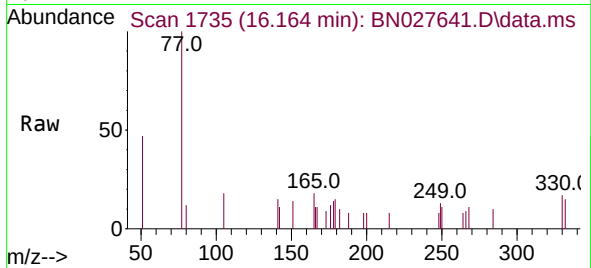




#14
2,4,6-Tribromophenol
Concen: 0.049 ng
RT: 16.164 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027641.D
Acq: 13 Sep 2023 12:34

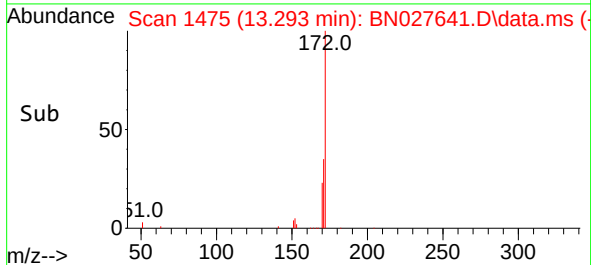
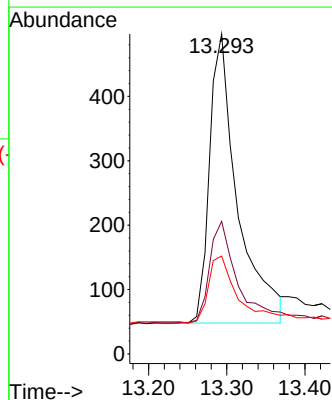
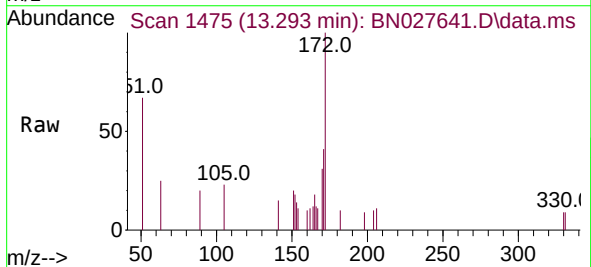
Instrument :
BNA_N
ClientSampleId :

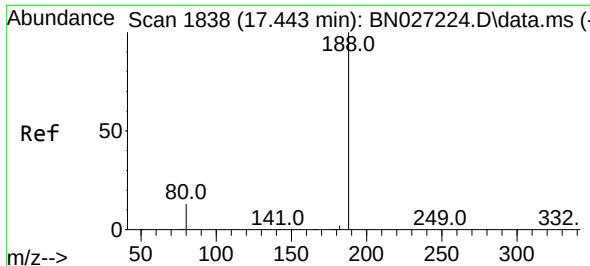
Tgt Ion:330 Resp: 124
Ion Ratio Lower Upper
330 100
332 87.1 75.2 112.8
141 57.3 36.2 54.4#



#15
2-Fluorobiphenyl
Concen: 0.043 ng
RT: 13.293 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN027641.D
Acq: 13 Sep 2023 12:34

Tgt Ion:172 Resp: 1115
Ion Ratio Lower Upper
172 100
171 41.4 27.8 41.8
170 30.6 19.3 28.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 11

Delta R.T. 0.000 min

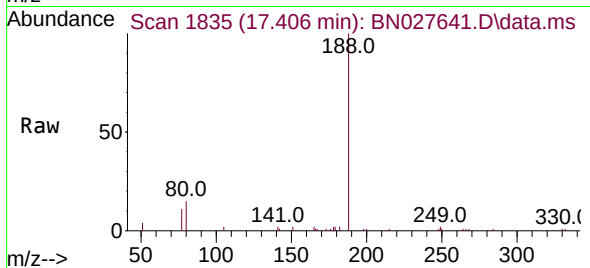
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Acq: 13 Sep 2023 12:34

Instrument :

BNA_N

ClientSampleId :



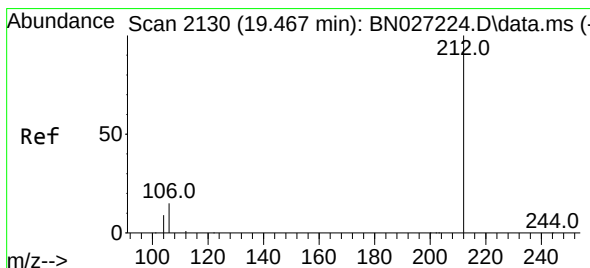
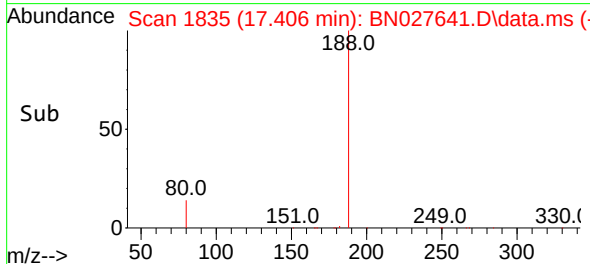
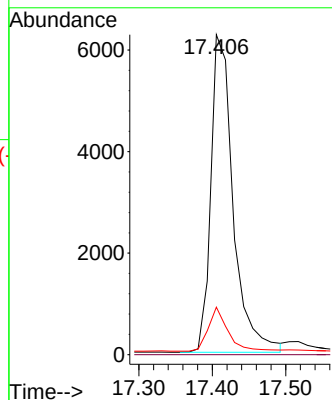
Tgt Ion:188 Resp: 13191

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.8 11.0 16.6



#27

Fluoranthene-d10

Concen: 0.046 ng

RT: 19.435 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BN027641.D

Acq: 13 Sep 2023 12:34

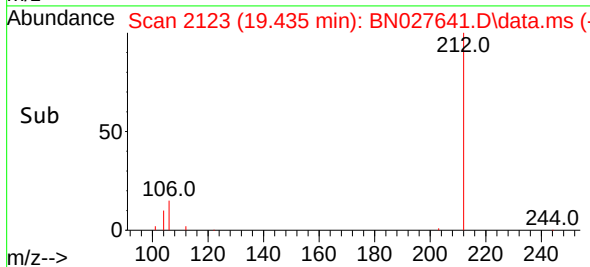
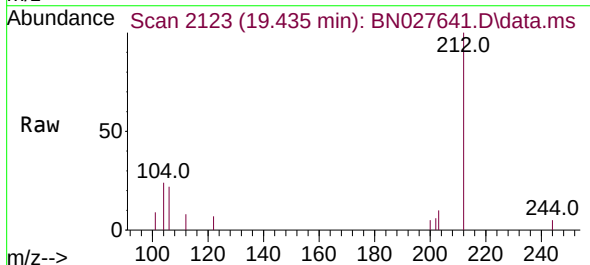
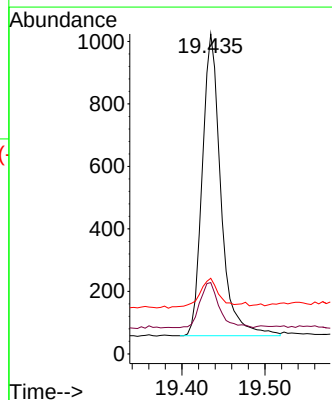
Tgt Ion:212 Resp: 1507

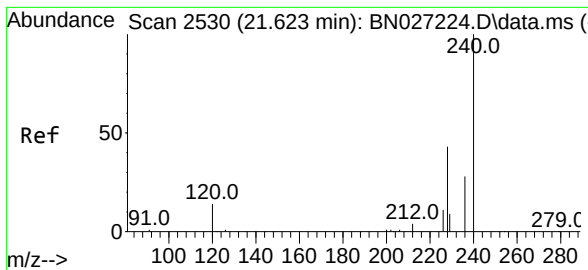
Ion Ratio Lower Upper

212 100

106 15.5 12.1 18.1

104 10.5 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: BN027641.D

Acq: 13 Sep 2023 12:34

Instrument :

BNA_N

ClientSampleId :

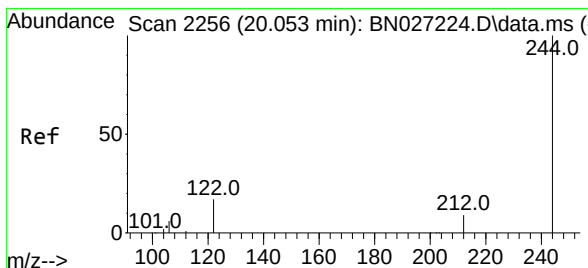
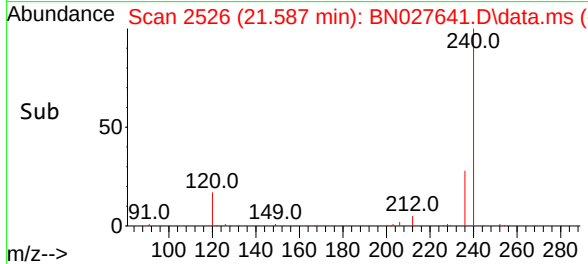
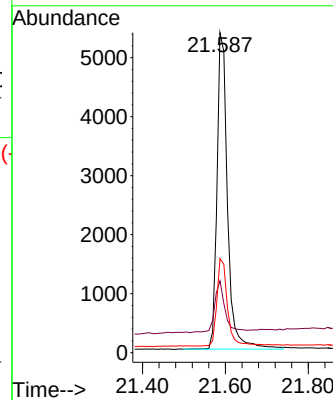
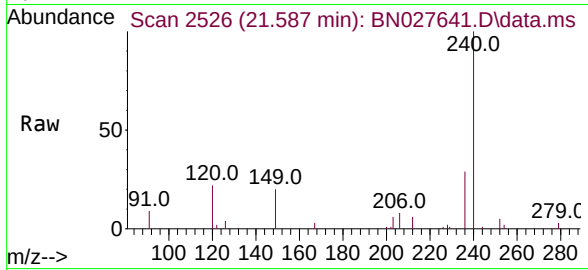
Tgt Ion:240 Resp: 9430

Ion Ratio Lower Upper

240 100

120 22.4 14.2 21.4#

236 29.4 22.9 34.3



#31

Terphenyl-d14

Concen: 0.068 ng

RT: 20.020 min Scan# 2249

Delta R.T. 0.000 min

Lab File: BN027641.D

Acq: 13 Sep 2023 12:34

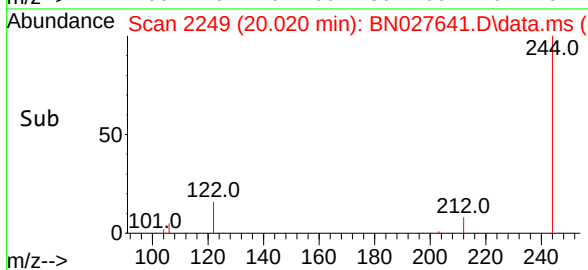
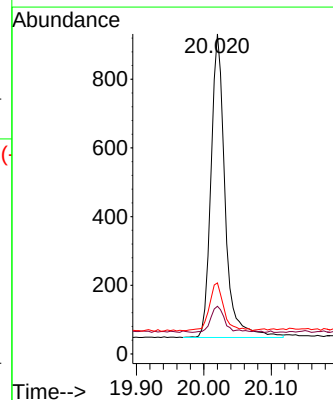
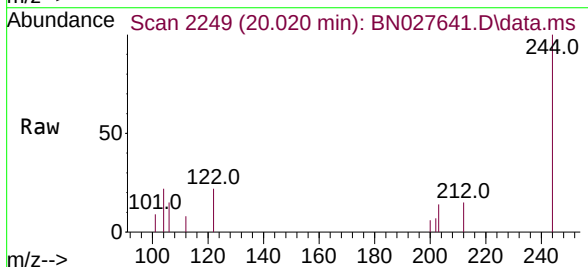
Tgt Ion:244 Resp: 1283

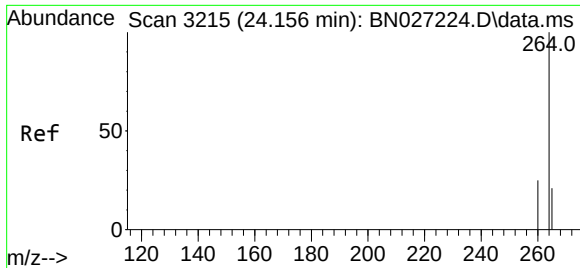
Ion Ratio Lower Upper

244 100

212 14.9 7.5 11.3#

122 22.2 14.0 21.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.095 min Scan# 31

Delta R.T. 0.000 min

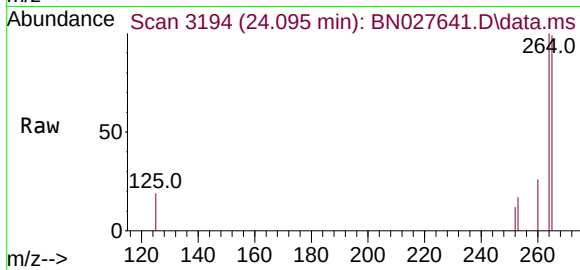
Lab File: BN027641.D

Acq: 13 Sep 2023 12:34

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:264 Resp: 8951

Ion Ratio Lower Upper

264 100

260 25.9 20.7 31.1

265 98.8 53.3 79.9#

