

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101223\
 Data File : BN028271.D
 Acq On : 12 Oct 2023 22:00
 Operator : MA/JU
 Sample : PB156212BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156212BL

Quant Time: Oct 13 02:43:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 02:17:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	2369	0.400	ng	0.00
7) Naphthalene-d8	10.725	136	7487	0.400	ng	# 0.01
13) Acenaphthene-d10	14.544	164	4351	0.400	ng	0.00
19) Phenanthrene-d10	17.306	188	9952	0.400	ng	# 0.00
29) Chrysene-d12	21.498	240	9544	0.400	ng	0.00
35) Perylene-d12	23.958	264	3225	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	3103	0.422	ng	0.00
5) Phenol-d6	7.077	99	3273	0.361	ng	0.02
8) Nitrobenzene-d5	9.112	82	2429	0.366	ng	0.01
11) 2-Methylnaphthalene-d10	12.309	152	4997	0.444	ng	0.01
14) 2,4,6-Tribromophenol	16.053	330	823	0.388	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	6347	0.415	ng	0.01
27) Fluoranthene-d10	19.337	212	10971	0.412	ng	0.00
31) Terphenyl-d14	19.923	244	9584	0.473	ng	0.00

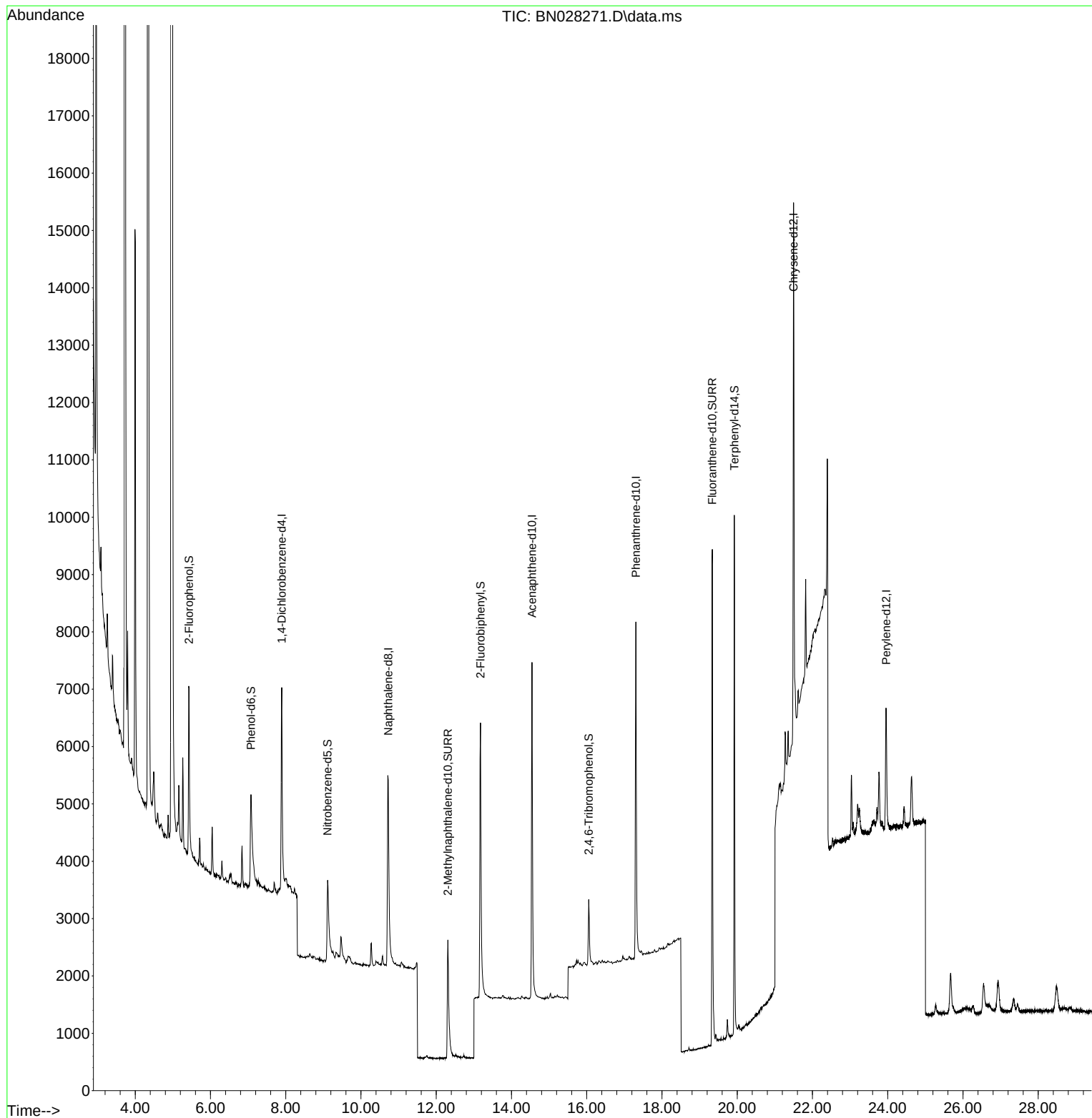
Target Compounds Qvalue

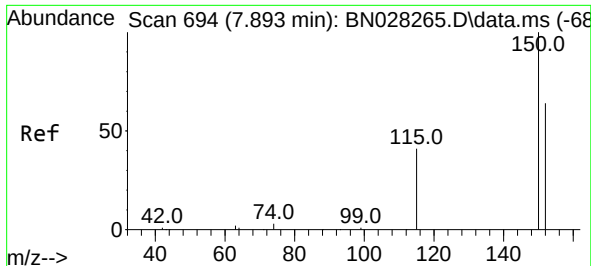
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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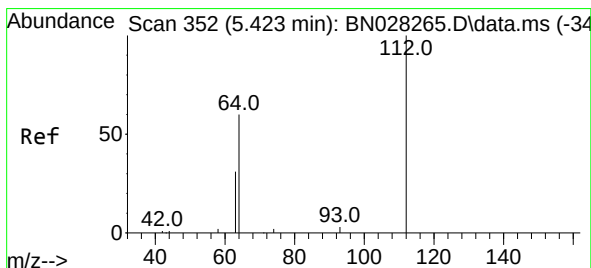
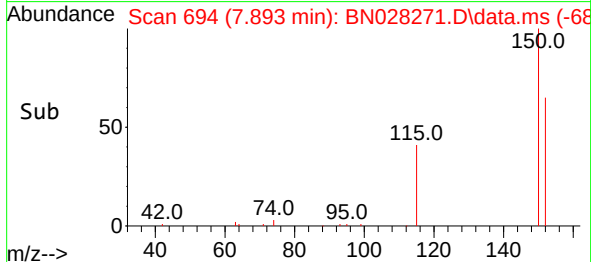
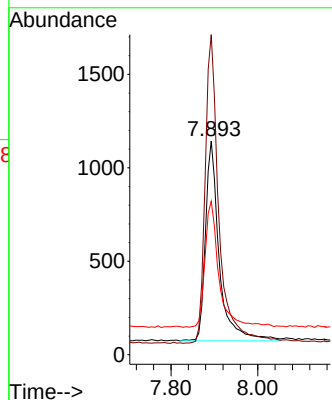
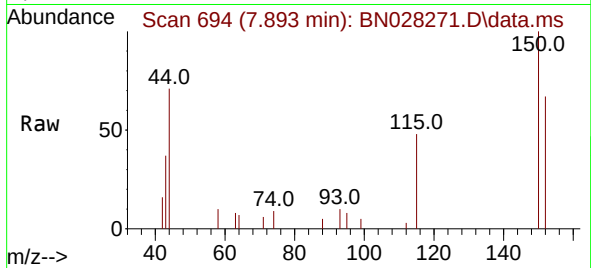




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.893 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: BN028271.D
 Acq: 12 Oct 2023 22:00

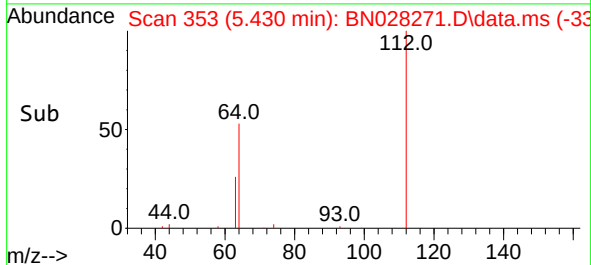
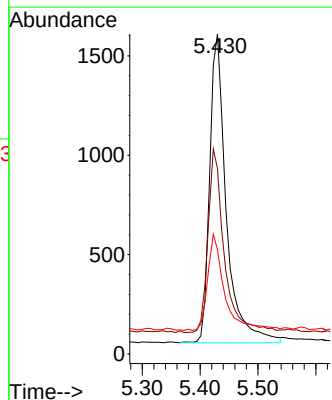
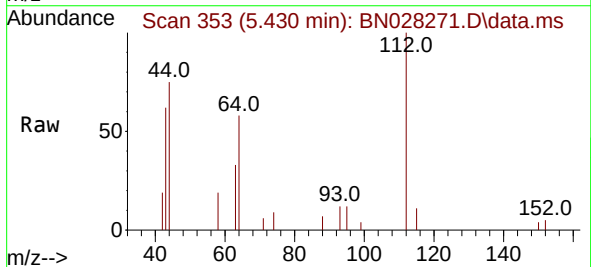
Instrument :
 BNA_N
 ClientSampleId :
 PB156212BL

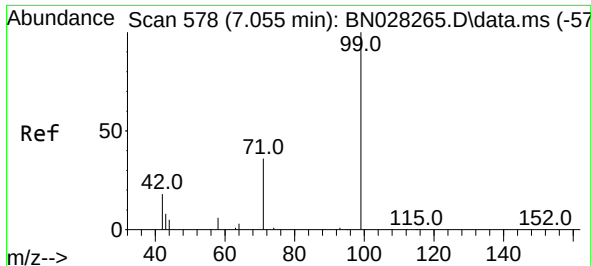
Tgt Ion:152 Resp: 2369
 Ion Ratio Lower Upper
 152 100
 150 149.8 121.6 182.4
 115 71.8 54.3 81.5



#4
 2-Fluorophenol
 Concen: 0.422 ng
 RT: 5.430 min Scan# 353
 Delta R.T. 0.007 min
 Lab File: BN028271.D
 Acq: 12 Oct 2023 22:00

Tgt Ion:112 Resp: 3103
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.9 70.3
 63 31.4 25.0 37.4

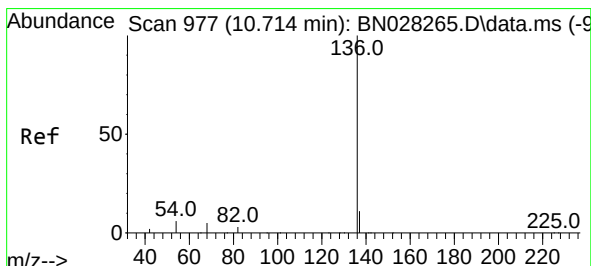
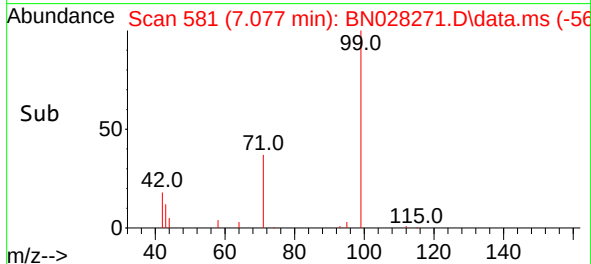
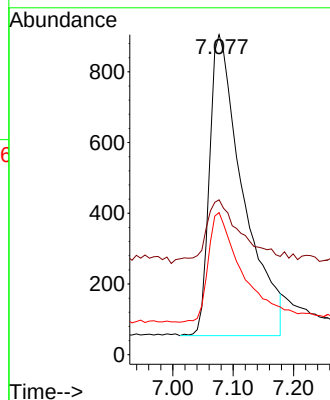
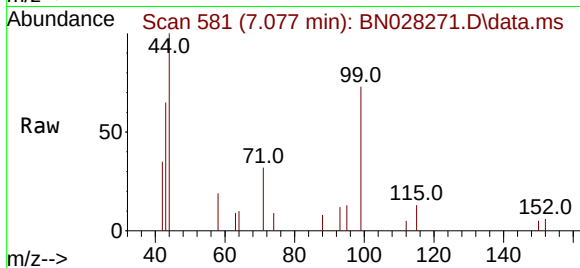




#5
Phenol-d6
Concen: 0.361 ng
RT: 7.077 min Scan# 581
Delta R.T. 0.022 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

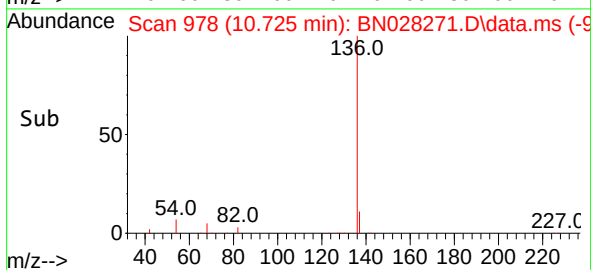
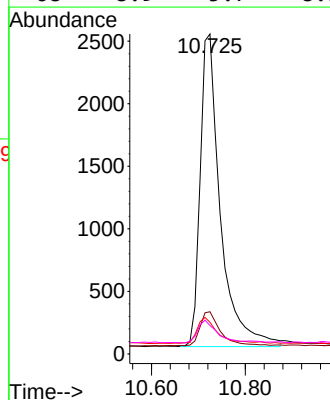
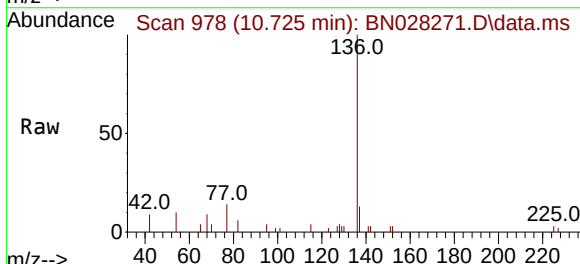
Instrument :
BNA_N
ClientSampleId :
PB156212BL

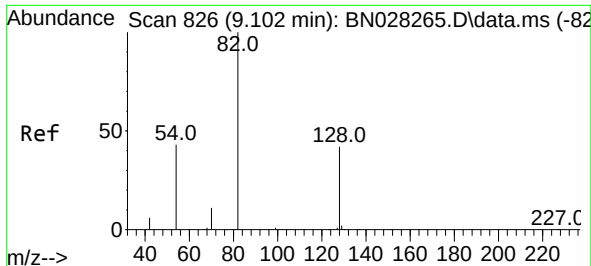
Tgt Ion:	99	Resp:	3273
Ion	Ratio	Lower	Upper
99	100		
42	22.9	15.9	23.9
71	36.4	28.6	42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.725 min Scan# 978
Delta R.T. 0.011 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion:	136	Resp:	7487
Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.8	14.8
54	9.9	6.2	9.4#
68	8.9	5.7	8.5#

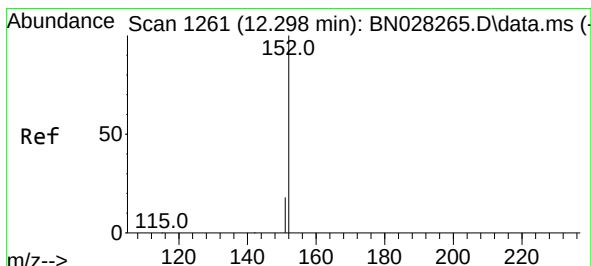
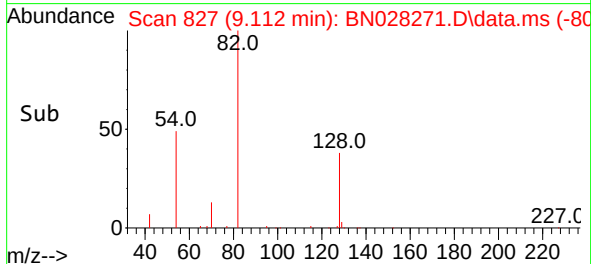
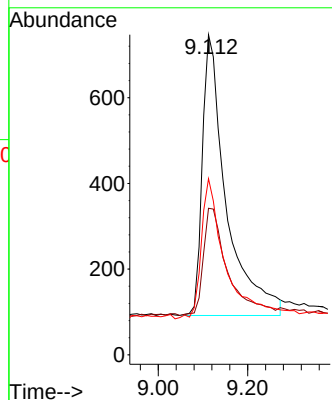
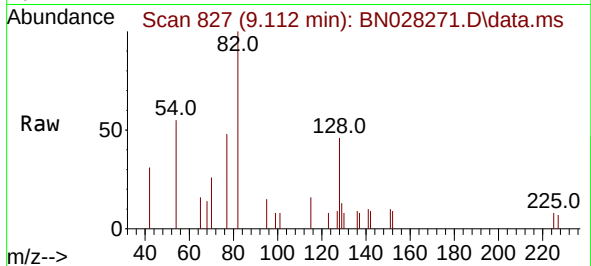




#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 9.112 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

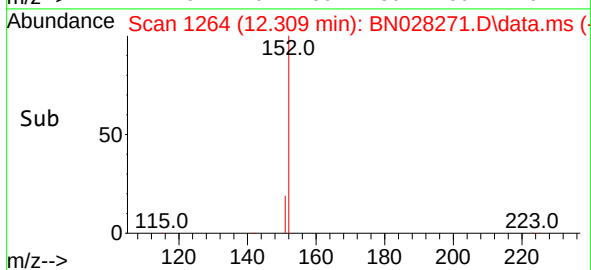
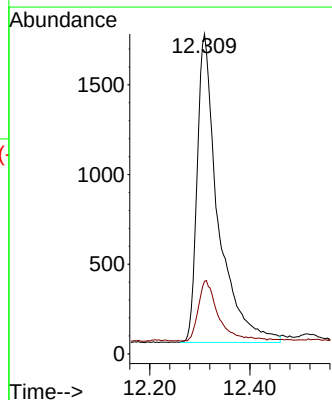
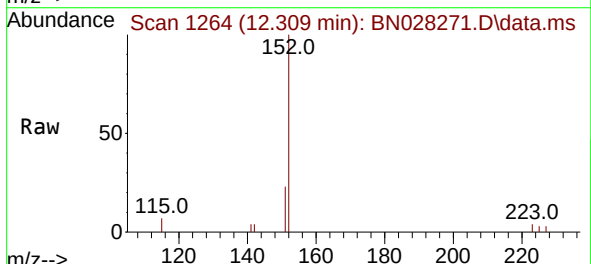
Instrument :
BNA_N
ClientSampleId :
PB156212BL

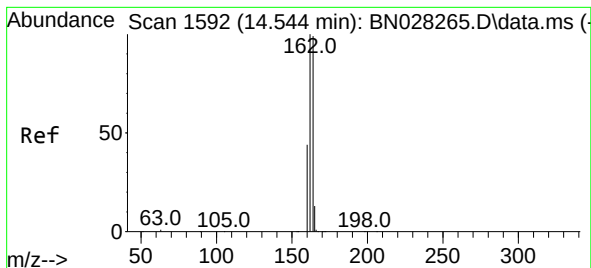
Tgt Ion: 82 Resp: 2429
Ion Ratio Lower Upper
82 100
128 45.8 36.8 55.2
54 55.0 37.4 56.2



#11
2-Methylnaphthalene-d10
Concen: 0.444 ng
RT: 12.309 min Scan# 1264
Delta R.T. 0.011 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion: 152 Resp: 4997
Ion Ratio Lower Upper
152 100
151 18.4 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.544 min Scan# 1592

Delta R.T. -0.000 min

Lab File: BN028271.D

Acq: 12 Oct 2023 22:00

Instrument :

BNA_N

ClientSampleId :

PB156212BL

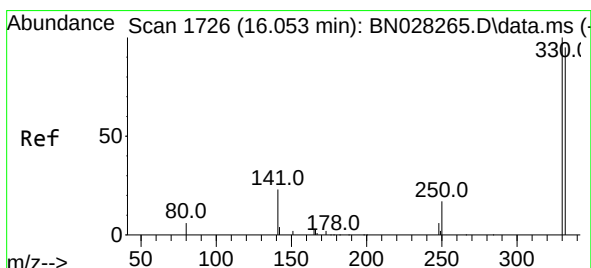
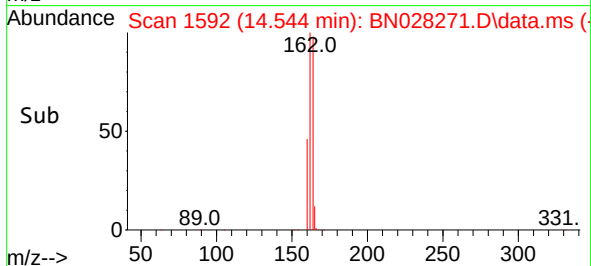
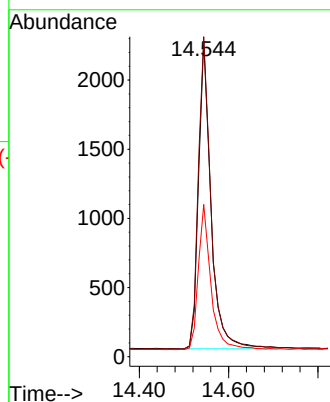
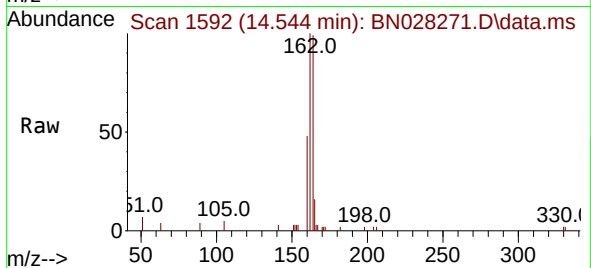
Tgt Ion:164 Resp: 4351

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 48.2 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.388 ng

RT: 16.053 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BN028271.D

Acq: 12 Oct 2023 22:00

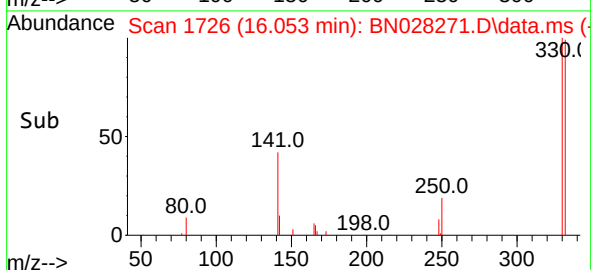
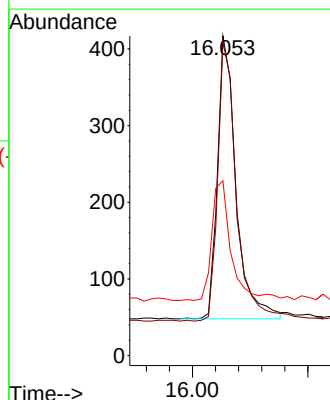
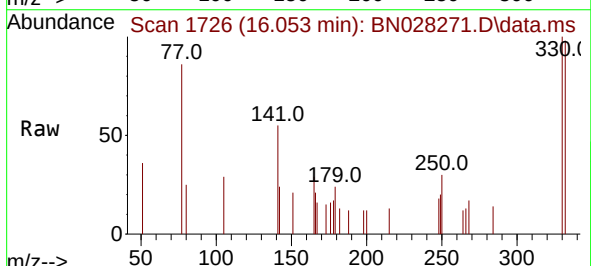
Tgt Ion:330 Resp: 823

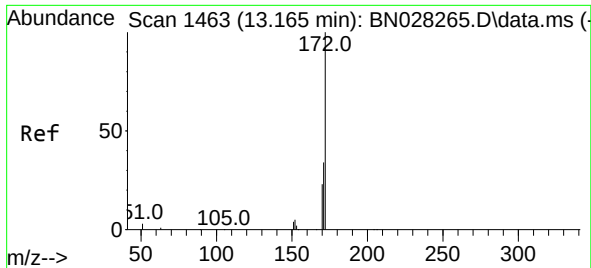
Ion Ratio Lower Upper

330 100

332 98.8 74.1 111.1

141 43.7 32.1 48.1

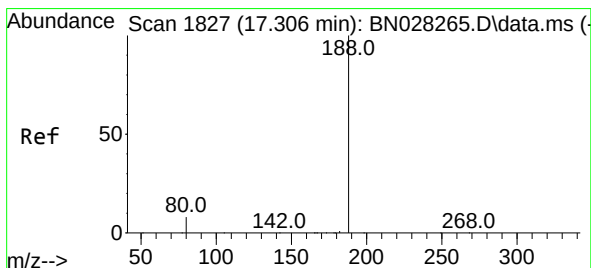
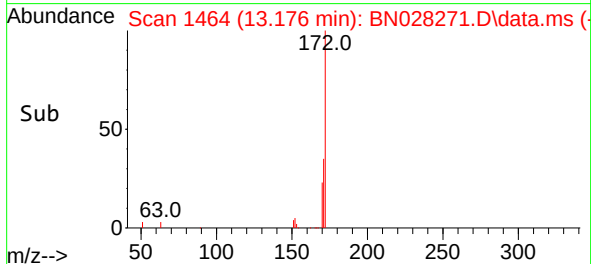
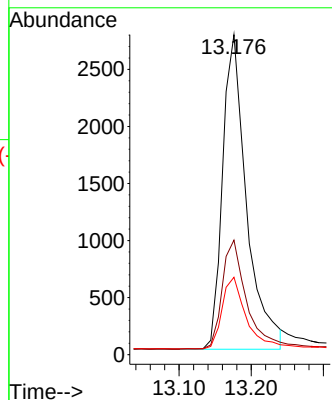
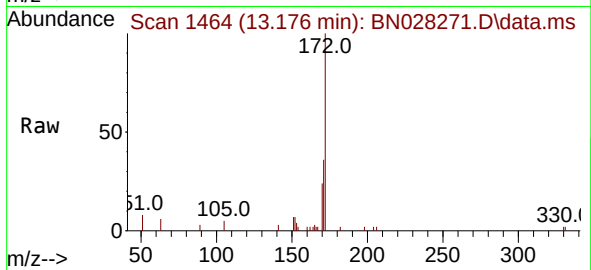




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.176 min Scan# 1463
Delta R.T. 0.011 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

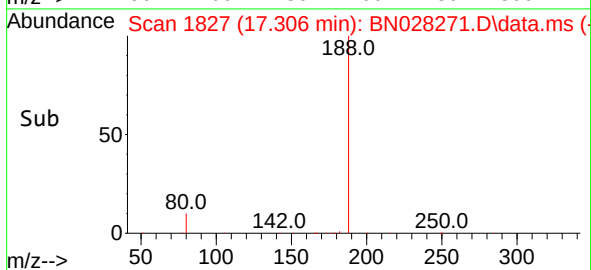
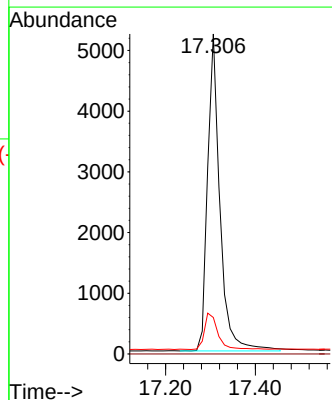
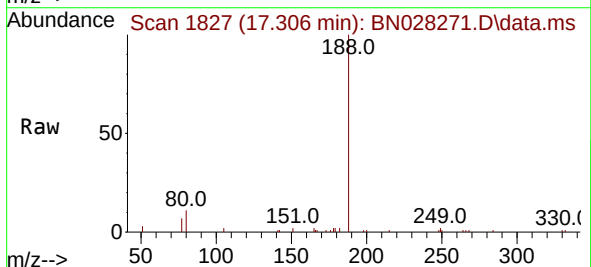
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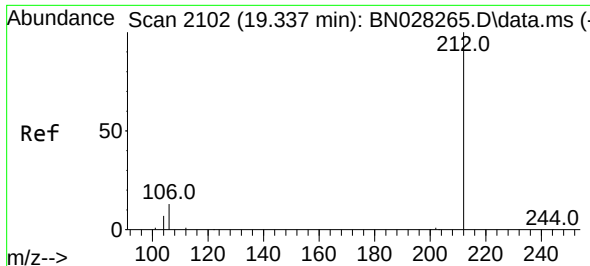
Tgt Ion:172 Resp: 6347
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 24.2 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.306 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion:188 Resp: 9952
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 7.1 10.7#

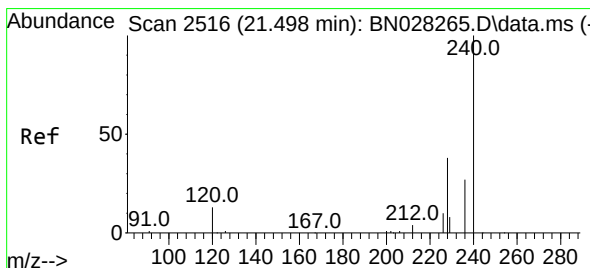
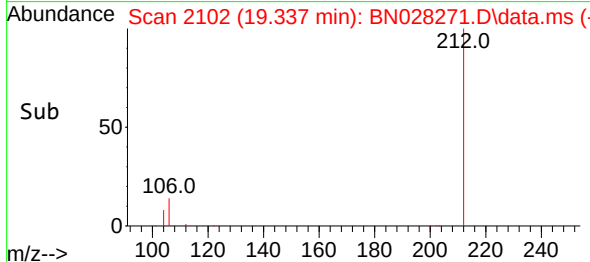
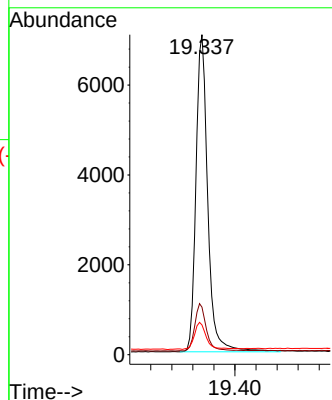
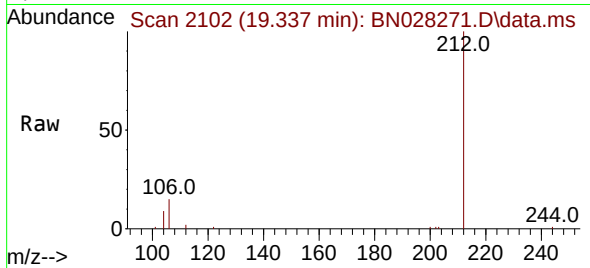




#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.337 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

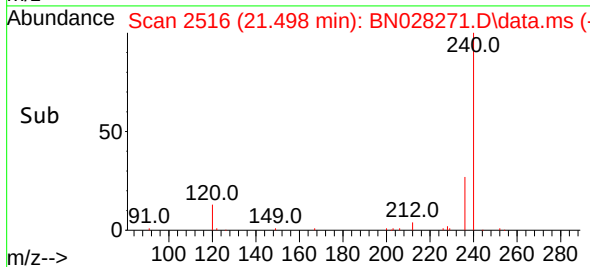
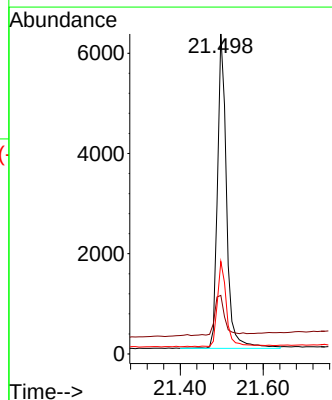
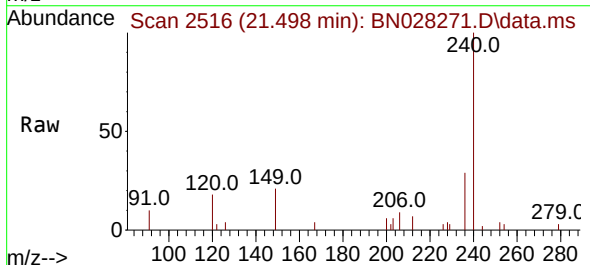
Instrument :
BNA_N
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PB156212BL

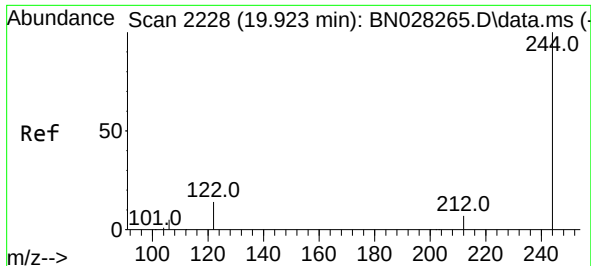
Tgt Ion:212 Resp: 10971
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.5 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.498 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion:240 Resp: 9544
Ion Ratio Lower Upper
240 100
120 18.3 13.4 20.0
236 28.9 22.7 34.1

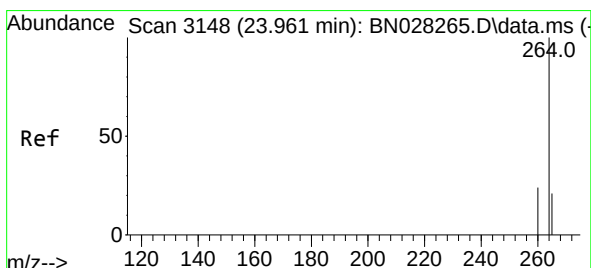
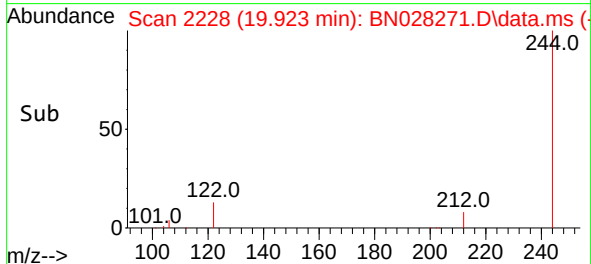
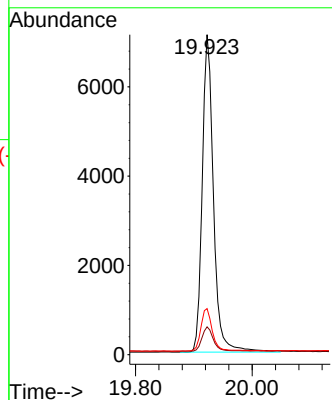
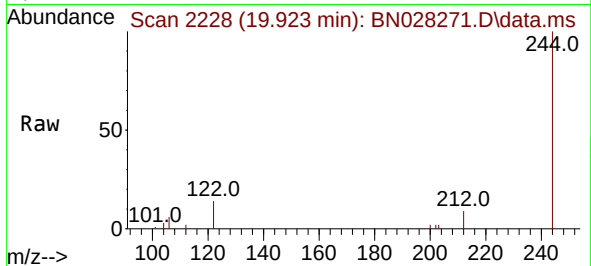




#31
Terphenyl-d14
Concen: 0.473 ng
RT: 19.923 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Instrument :
BNA_N
ClientSampleId :
PB156212BL

Tgt Ion:244 Resp: 9584
Ion Ratio Lower Upper
244 100
212 8.7 6.6 10.0
122 14.4 11.7 17.5



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.958 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion:264 Resp: 3225
Ion Ratio Lower Upper
264 100
260 33.8 20.7 31.1#
265 164.7 38.3 57.5#

