

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028213.D
 Acq On : 11 Oct 2023 01:46
 Operator : MA/JU
 Sample : PB156078BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156078BL

Quant Time: Oct 11 02:36:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.914	152	4644	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	13835	0.400	ng	# 0.00
13) Acenaphthene-d10	14.566	164	7120	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	14084	0.400	ng	0.00
29) Chrysene-d12	21.515	240	12950	0.400	ng	0.00
35) Perylene-d12	23.981	264	15081	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	4496	0.325	ng	0.00
5) Phenol-d6	7.084	99	4899	0.280	ng	0.00
8) Nitrobenzene-d5	9.112	82	4085	0.347	ng	-0.01
11) 2-Methylnaphthalene-d10	12.317	152	6485	0.316	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	837	0.257	ng	0.00
15) 2-Fluorobiphenyl	13.187	172	9142	0.356	ng	0.00
27) Fluoranthene-d10	19.356	212	12236	0.346	ng	0.00
31) Terphenyl-d14	19.941	244	10923	0.362	ng	0.00

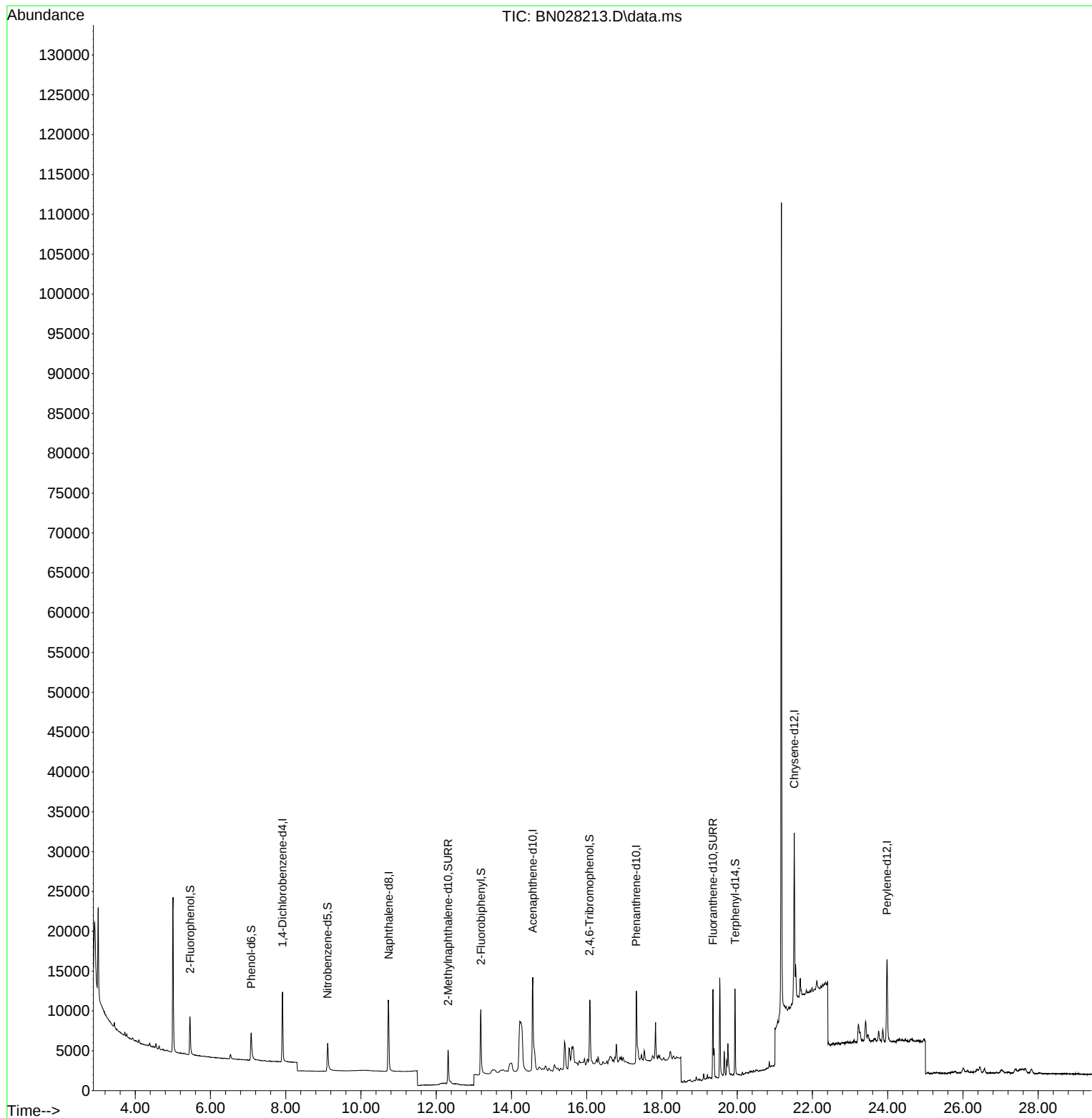
Target Compounds Qvalue

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

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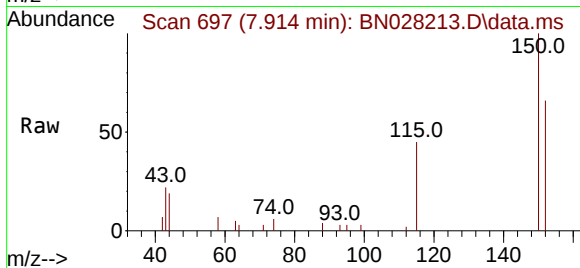
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration



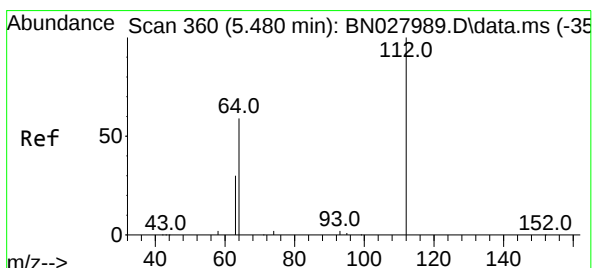
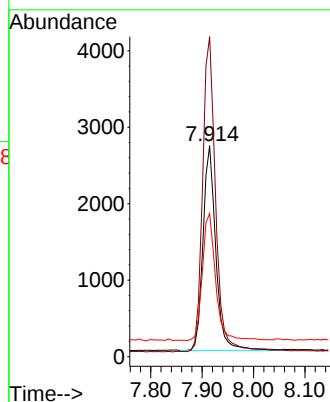
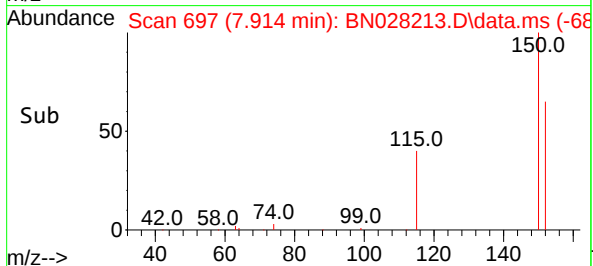


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.914 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN028213.D
Acq: 11 Oct 2023 01:46

Instrument :
BNA_N
ClientSampleId :
PB156078BL

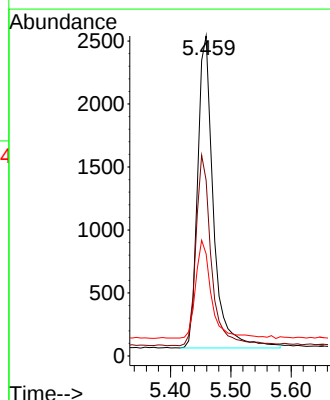
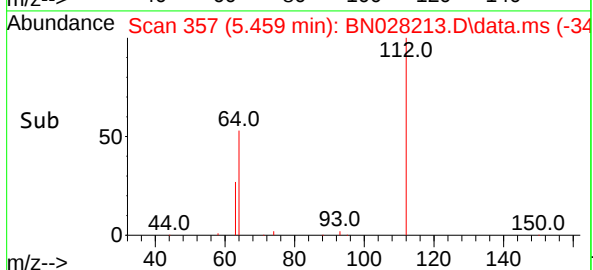
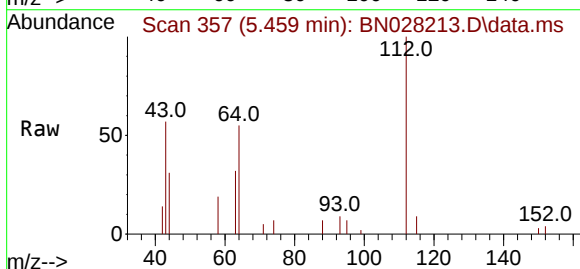


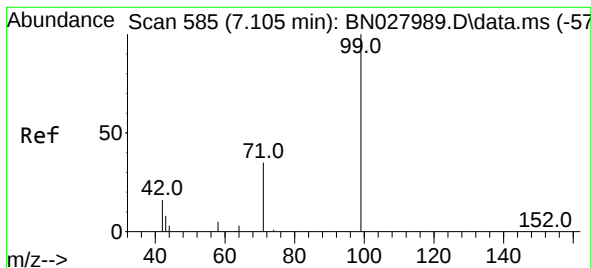
Tgt Ion:152 Resp: 4644
Ion Ratio Lower Upper
152 100
150 151.6 125.6 188.4
115 67.8 54.8 82.2



#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.459 min Scan# 357
Delta R.T. -0.007 min
Lab File: BN028213.D
Acq: 11 Oct 2023 01:46

Tgt Ion:112 Resp: 4496
Ion Ratio Lower Upper
112 100
64 59.2 45.0 67.6
63 31.7 23.4 35.0





#5

Phenol-d6

Concen: 0.280 ng

RT: 7.084 min Scan# 582

Delta R.T. -0.007 min

Lab File: BN028213.D

Acq: 11 Oct 2023 01:46

Instrument :

BNA_N

ClientSampleId :

PB156078BL

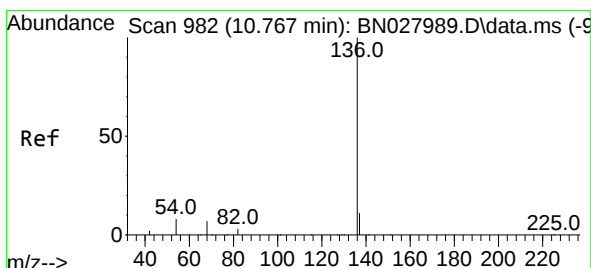
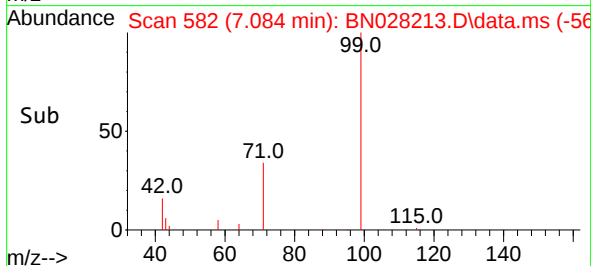
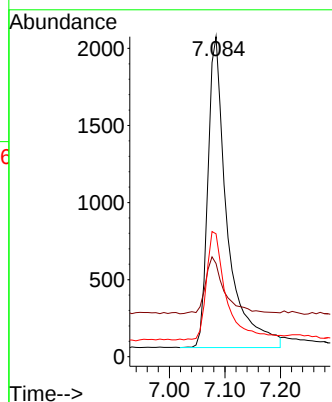
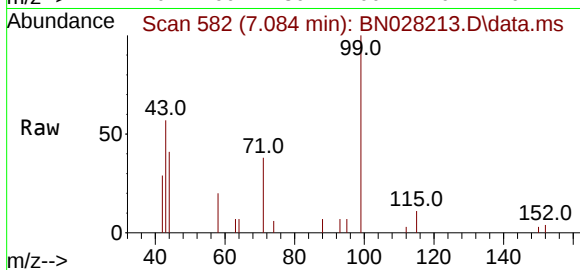
Tgt Ion: 99 Resp: 4899

Ion Ratio Lower Upper

99 100

42 17.9 14.6 22.0

71 36.3 28.3 42.5



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.735 min Scan# 979

Delta R.T. 0.000 min

Lab File: BN028213.D

Acq: 11 Oct 2023 01:46

Tgt Ion:136 Resp: 13835

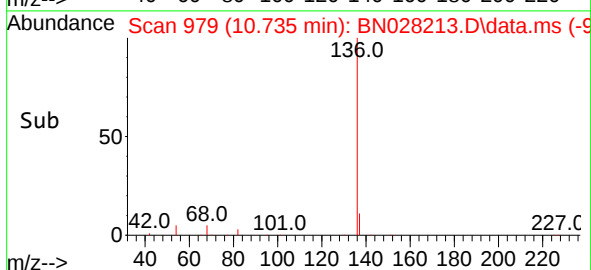
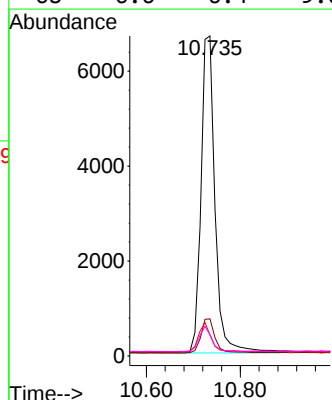
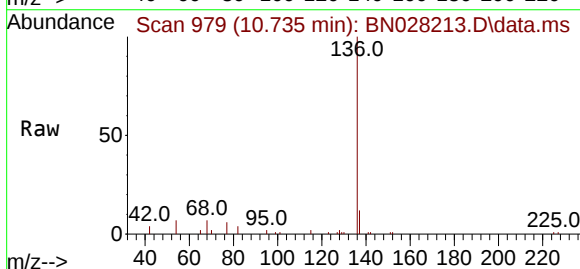
Ion Ratio Lower Upper

136 100

137 11.6 9.4 14.0

54 6.6 7.0 10.6#

68 6.6 6.4 9.6

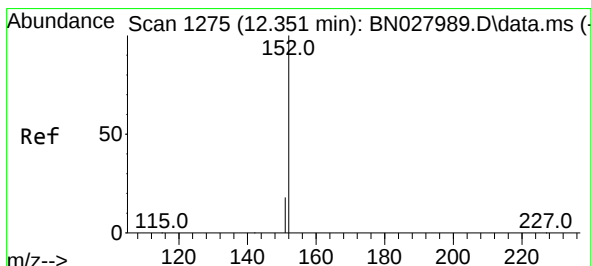
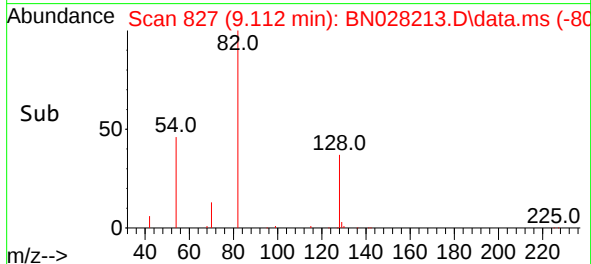
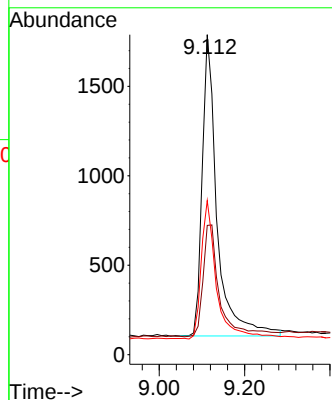
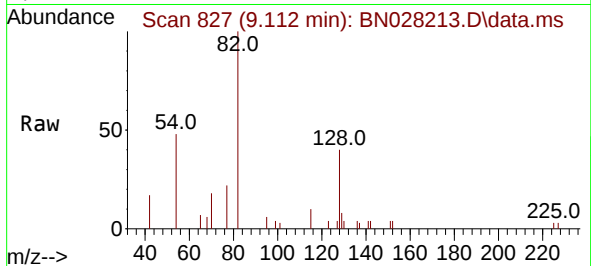




#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 9.112 min Scan# 81
Delta R.T. -0.011 min
Lab File: BN028213.D
Acq: 11 Oct 2023 01:46

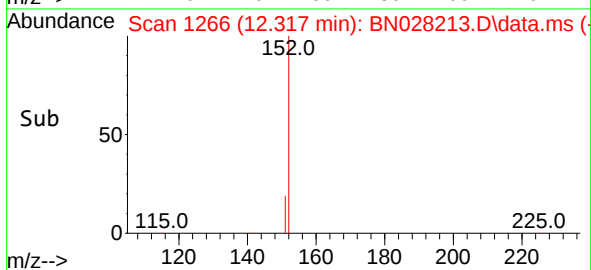
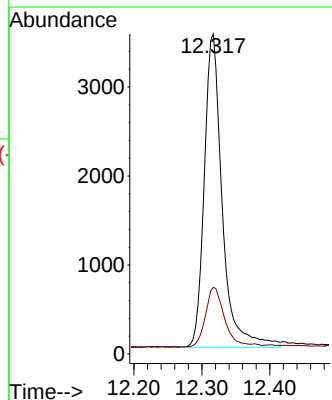
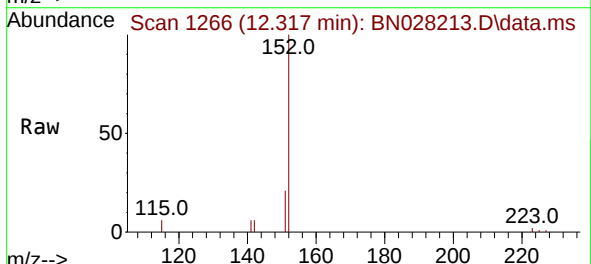
Instrument :
BNA_N
ClientSampleId :
PB156078BL

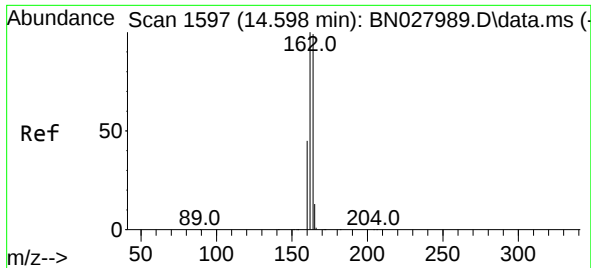
Tgt Ion: 82 Resp: 4085
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 48.1 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.317 min Scan# 1266
Delta R.T. -0.008 min
Lab File: BN028213.D
Acq: 11 Oct 2023 01:46

Tgt Ion: 152 Resp: 6485
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7

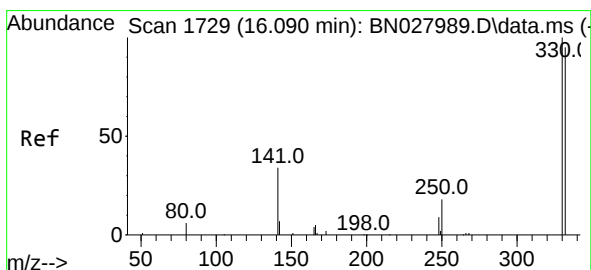
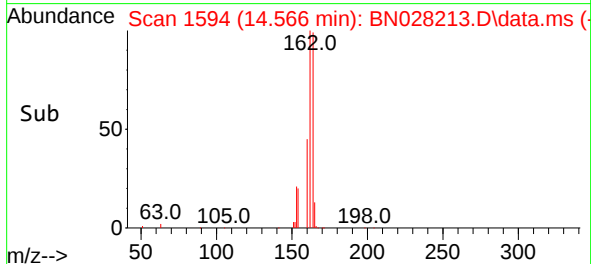
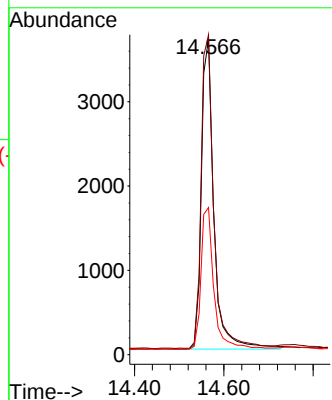
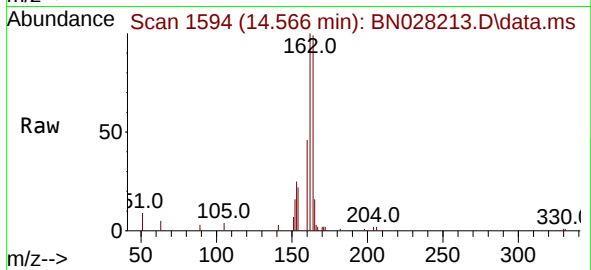




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BN028213.D
Acq: 11 Oct 2023 01:46

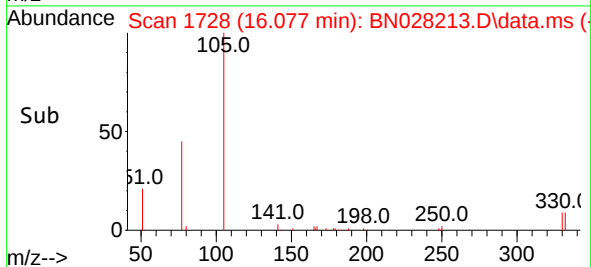
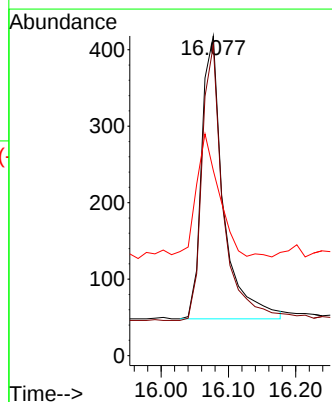
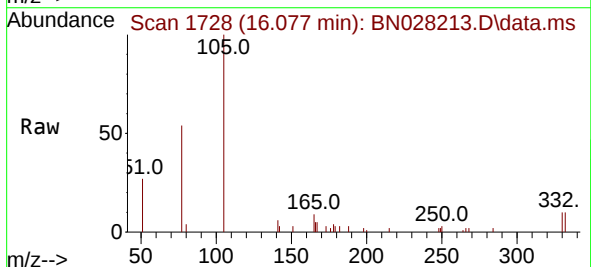
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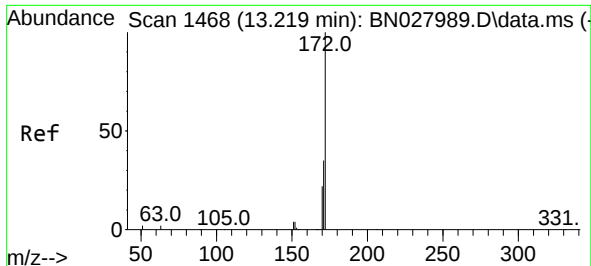
Tgt Ion:164 Resp: 7120
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 46.6 36.4 54.6



#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 16.077 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN028213.D
Acq: 11 Oct 2023 01:46

Tgt Ion:330 Resp: 837
Ion Ratio Lower Upper
330 100
332 95.1 78.1 117.1
141 45.3 33.4 50.2

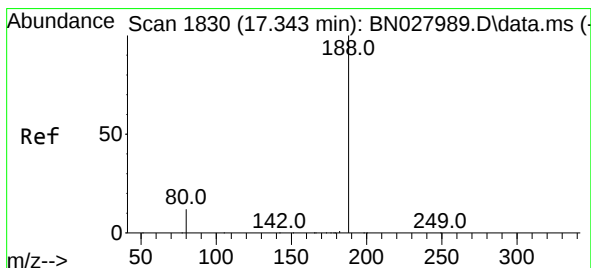
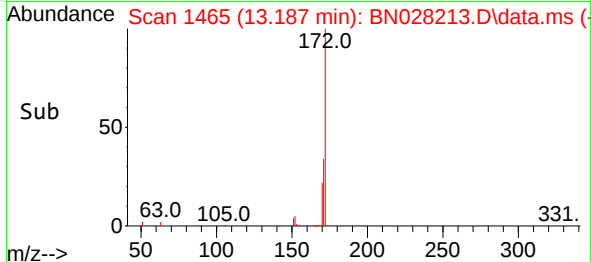
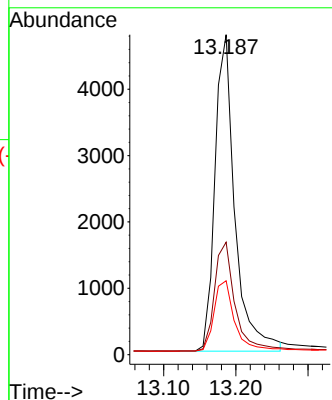
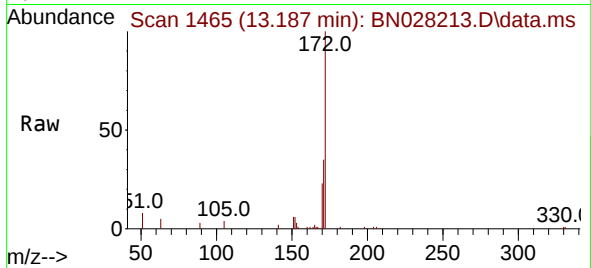




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.187 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN028213.D
Acq: 11 Oct 2023 01:46

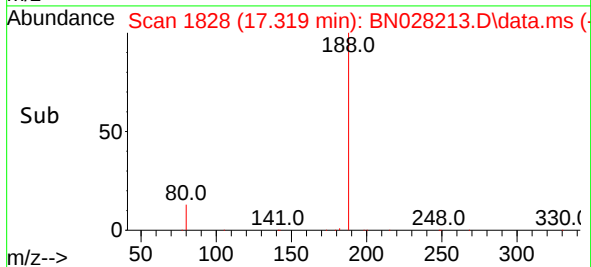
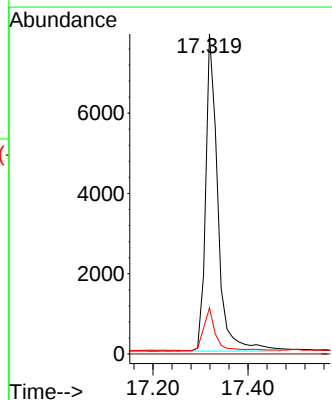
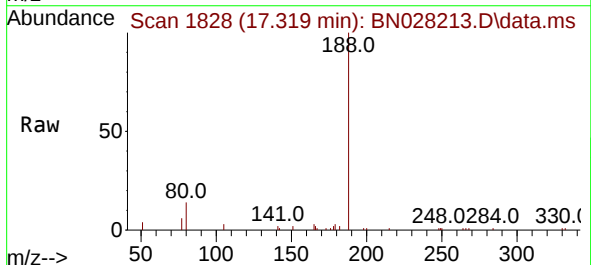
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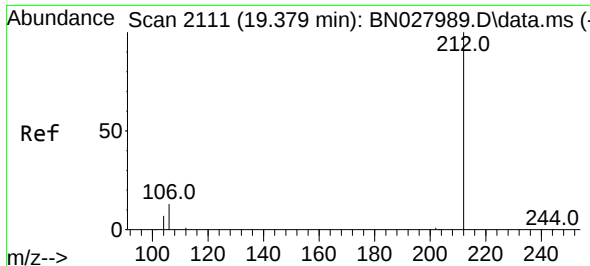
Tgt Ion:172 Resp: 9142
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.1 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.319 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BN028213.D
Acq: 11 Oct 2023 01:46

Tgt Ion:188 Resp: 14084
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 10.2 15.4

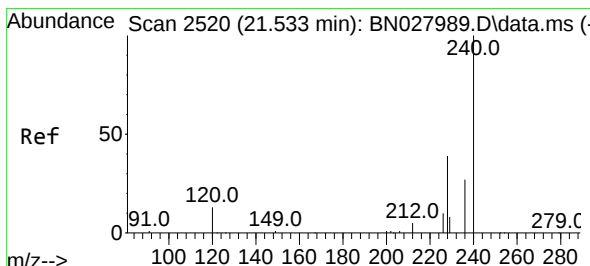
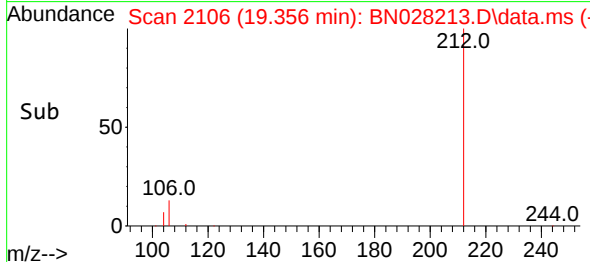
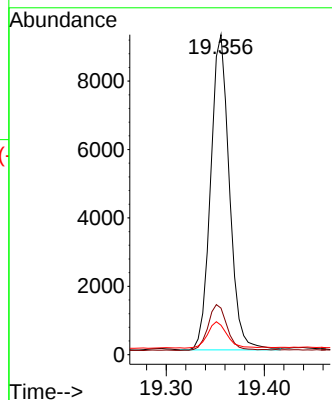
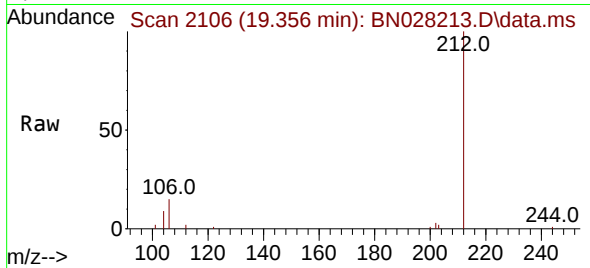




#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.356 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN028213.D
Acq: 11 Oct 2023 01:46

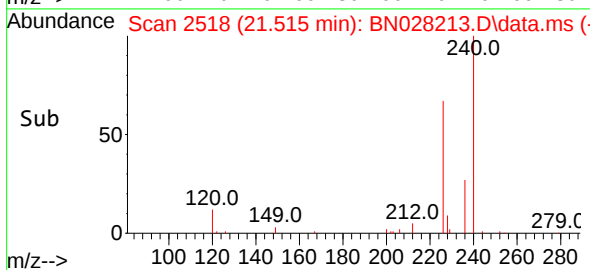
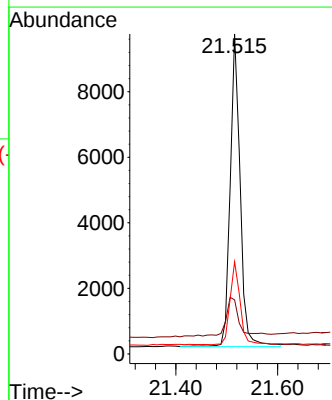
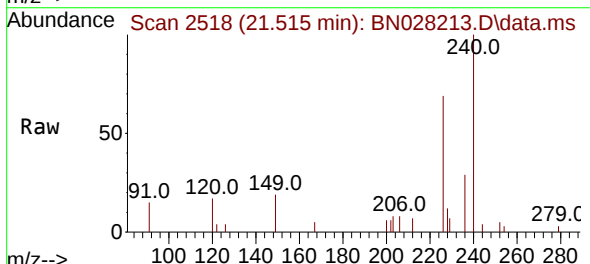
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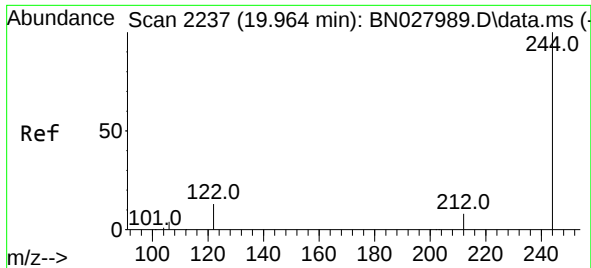
Tgt Ion:212 Resp: 12236
Ion Ratio Lower Upper
212 100
106 14.9 11.3 16.9
104 8.6 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.515 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN028213.D
Acq: 11 Oct 2023 01:46

Tgt Ion:240 Resp: 12950
Ion Ratio Lower Upper
240 100
120 16.9 13.8 20.6
236 28.8 22.6 33.8

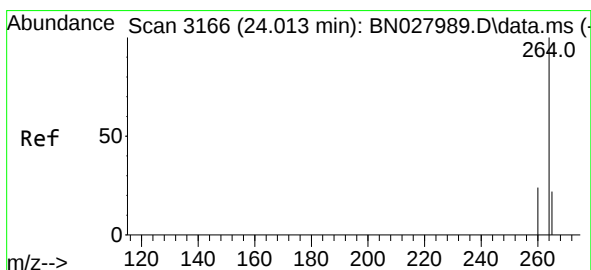
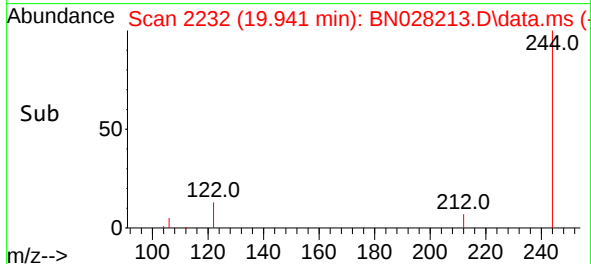
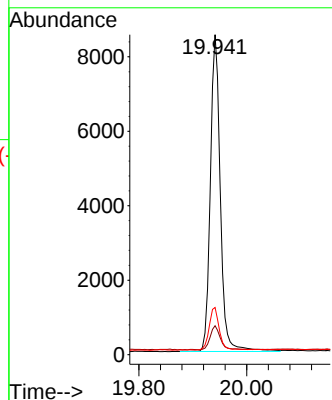
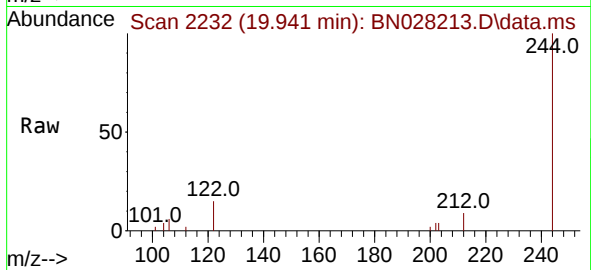




#31
 Terphenyl-d14
 Concen: 0.362 ng
 RT: 19.941 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN028213.D
 Acq: 11 Oct 2023 01:46

Instrument :
 BNA_N
 ClientSampleId :
 PB156078BL

Tgt Ion:244 Resp: 10923
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.6 9.8
 122 14.8 11.4 17.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.981 min Scan# 3155
 Delta R.T. 0.006 min
 Lab File: BN028213.D
 Acq: 11 Oct 2023 01:46

Tgt Ion:264 Resp: 15081
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.2 30.4
 265 58.0 54.8 82.2

