

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028156.D
 Acq On : 09 Oct 2023 12:09
 Operator : MA/JU
 Sample : PB155839BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155839BL

Quant Time: Oct 09 13:01:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 12:40:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3880	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	10890	0.400	ng	0.01
13) Acenaphthene-d10	14.576	164	5465	0.400	ng	0.01
19) Phenanthrene-d10	17.331	188	10689	0.400	ng	0.00
29) Chrysene-d12	21.524	240	9194	0.400	ng	0.00
35) Perylene-d12	23.981	264	9844	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3927	0.339	ng	0.00
5) Phenol-d6	7.105	99	3817	0.261	ng	0.02
8) Nitrobenzene-d5	9.144	82	3351	0.362	ng	0.02
11) 2-Methylnaphthalene-d10	12.343	152	6019	0.373	ng	0.02
14) 2,4,6-Tribromophenol	16.090	330	408	0.163	ng	0.01
15) 2-Fluorobiphenyl	13.208	172	7958	0.404	ng	0.01
27) Fluoranthene-d10	19.360	212	10582	0.394	ng	0.00
31) Terphenyl-d14	19.946	244	9534	0.444	ng	0.00

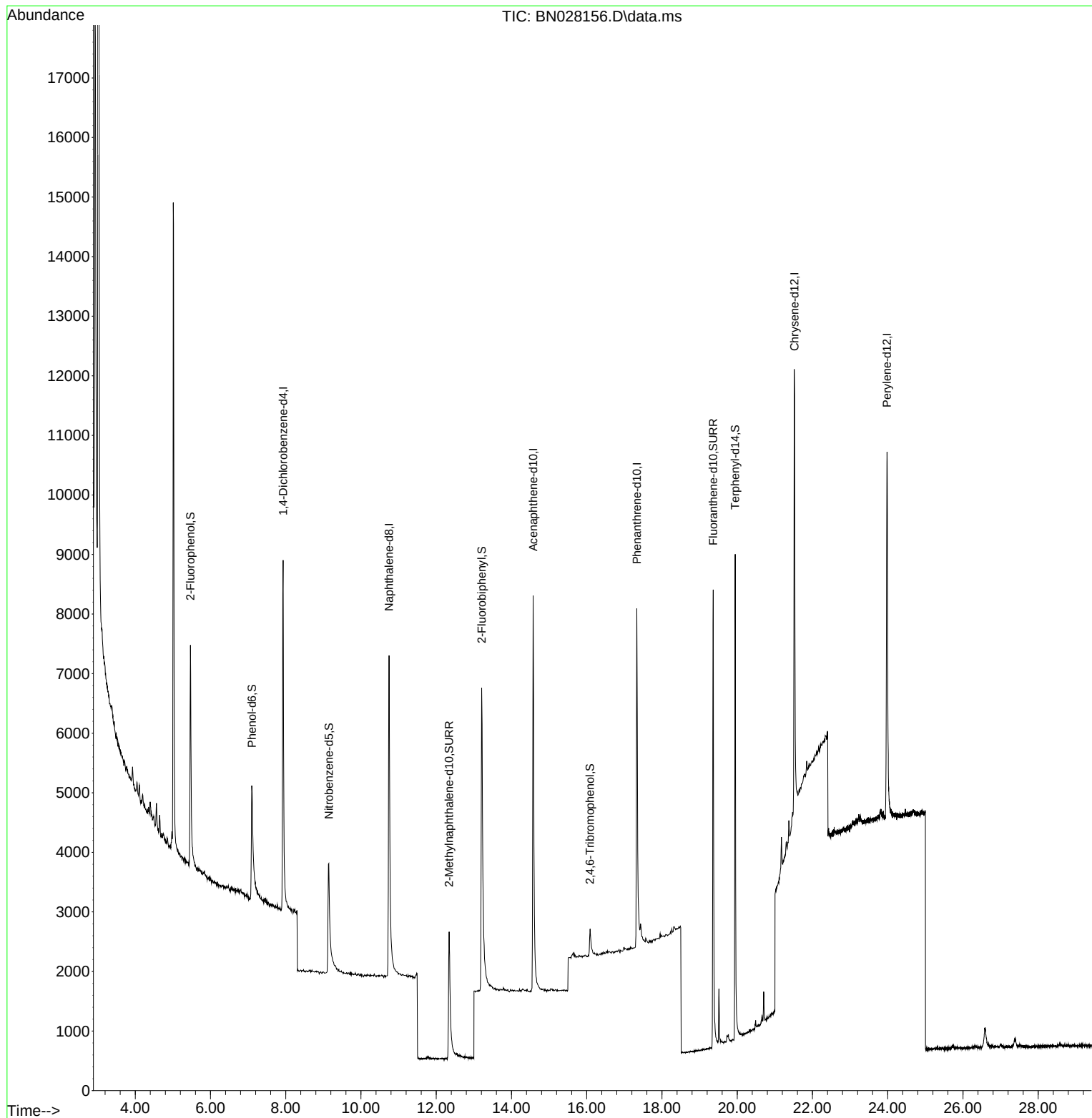
Target Compounds Qvalue

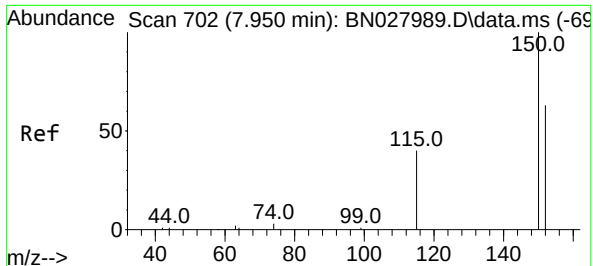
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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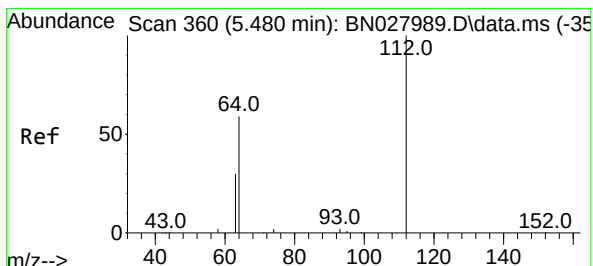
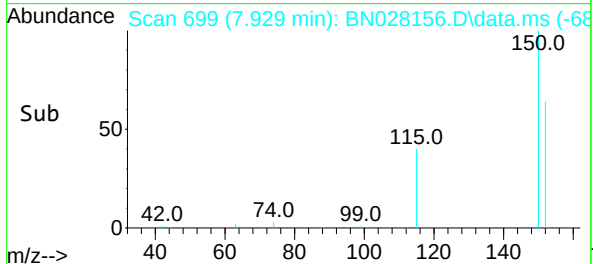
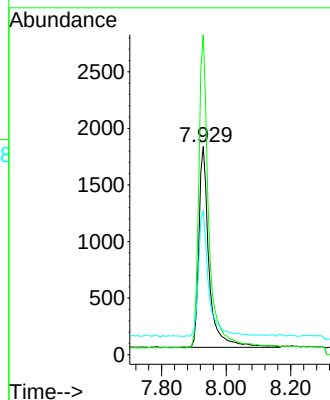
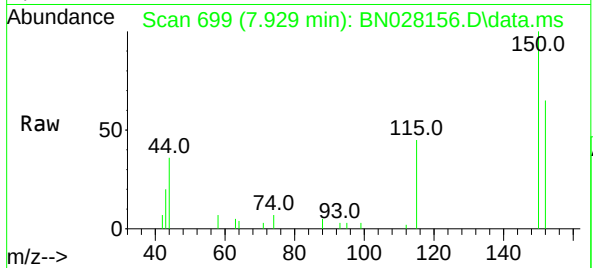




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.929 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN028156.D
 Acq: 09 Oct 2023 12:09

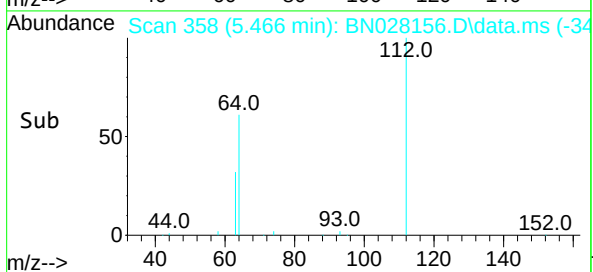
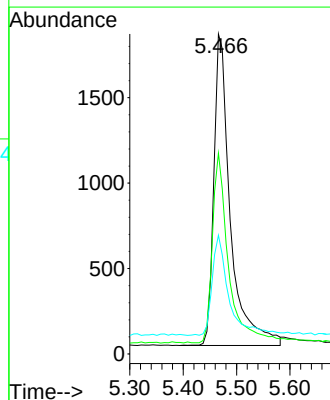
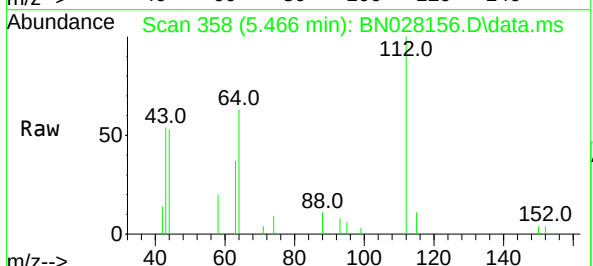
Instrument :
 BNA_N
 ClientSampleId :
 PB155839BL

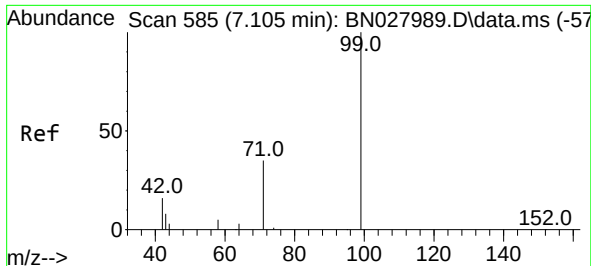
Tgt Ion:152 Resp: 3880
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.6 188.4
 115 69.0 54.8 82.2



#4
 2-Fluorophenol
 Concen: 0.339 ng
 RT: 5.466 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: BN028156.D
 Acq: 09 Oct 2023 12:09

Tgt Ion:112 Resp: 3927
 Ion Ratio Lower Upper
 112 100
 64 59.0 45.0 67.6
 63 32.3 23.4 35.0

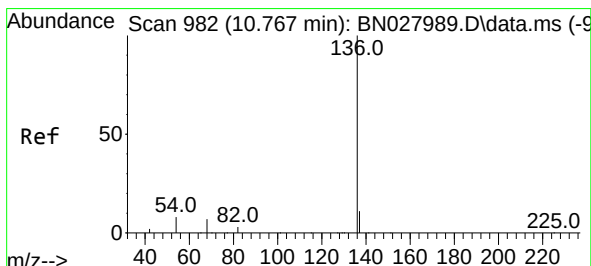
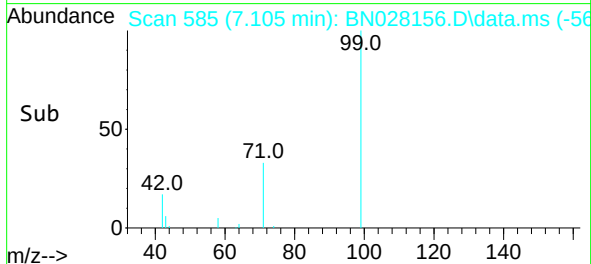
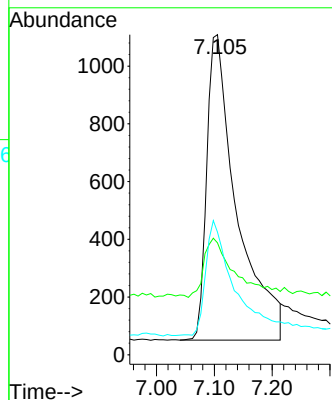
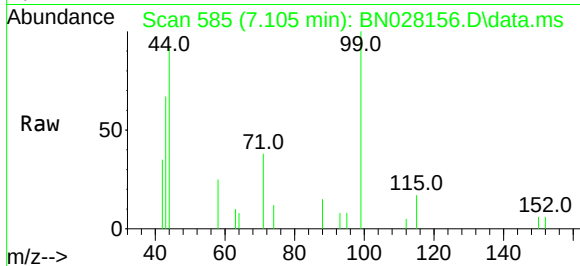




#5
Phenol-d6
Concen: 0.261 ng
RT: 7.105 min Scan# 585
Delta R.T. 0.022 min
Lab File: BN028156.D
Acq: 09 Oct 2023 12:09

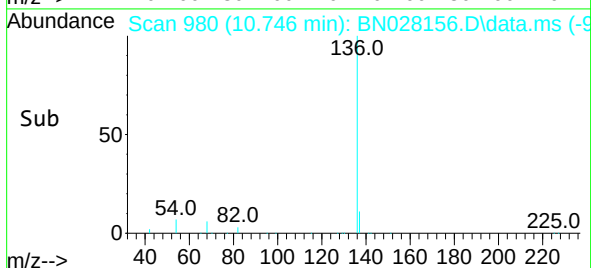
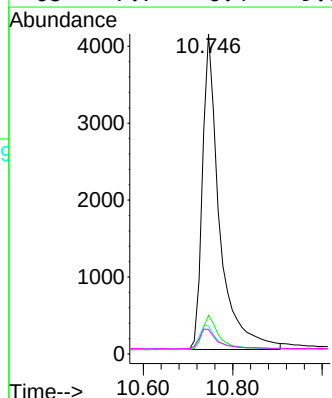
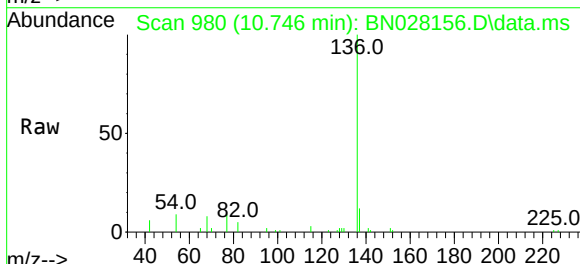
Instrument :
BNA_N
ClientSampleId :
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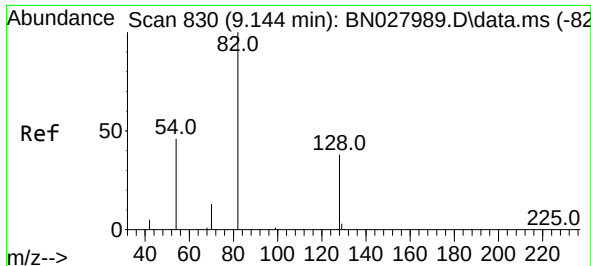
Tgt Ion: 99	Resp: 3817
Ion Ratio	Lower Upper
99 100	
42 19.9	14.6 22.0
71 35.5	28.3 42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.011 min
Lab File: BN028156.D
Acq: 09 Oct 2023 12:09

Tgt	Ion:136	Resp:	10890
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.0
54	8.7	7.0	10.6
68	7.7	6.4	9.6

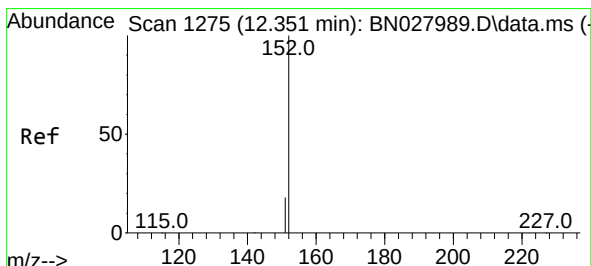
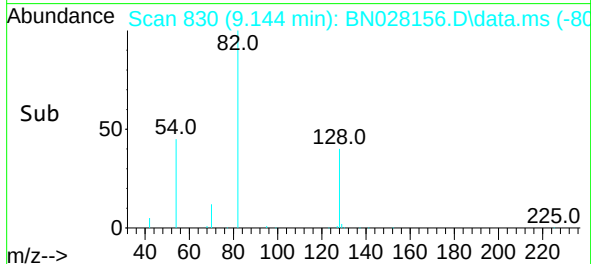
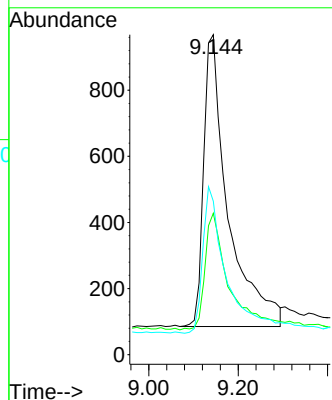
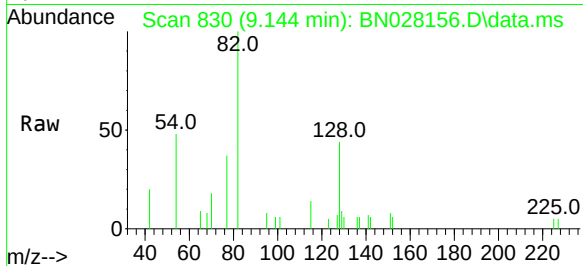




#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 9.144 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN028156.D
Acq: 09 Oct 2023 12:09

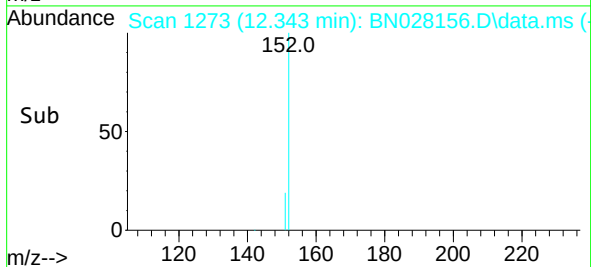
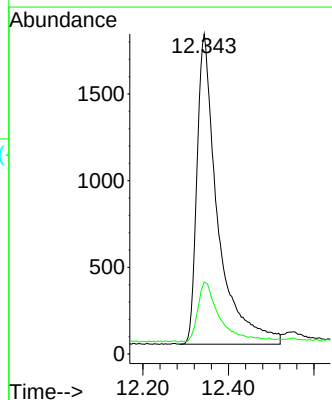
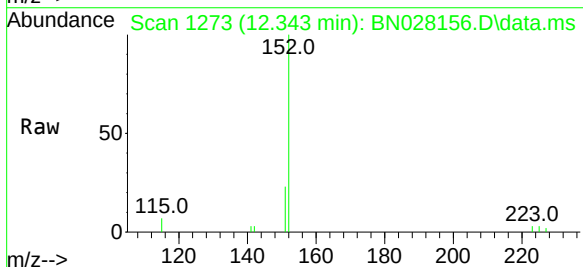
Instrument :
BNA_N
ClientSampleId :
PB155839BL

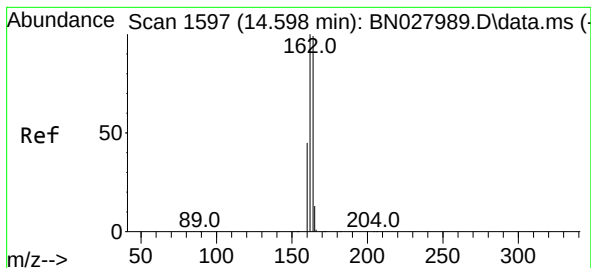
Tgt Ion: 82 Resp: 3351
Ion Ratio Lower Upper
82 100
128 44.2 32.7 49.1
54 47.9 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.343 min Scan# 1273
Delta R.T. 0.019 min
Lab File: BN028156.D
Acq: 09 Oct 2023 12:09

Tgt Ion: 152 Resp: 6019
Ion Ratio Lower Upper
152 100
151 18.9 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.576 min Scan# 1595

Delta R.T. 0.011 min

Lab File: BN028156.D

Acq: 09 Oct 2023 12:09

Instrument :

BNA_N

ClientSampleId :

PB155839BL

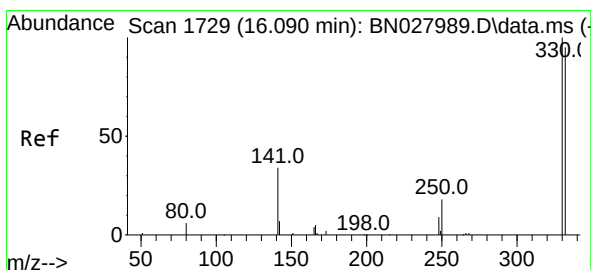
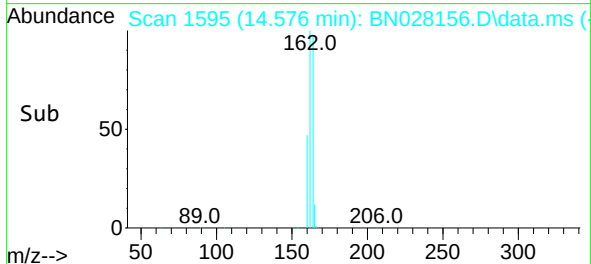
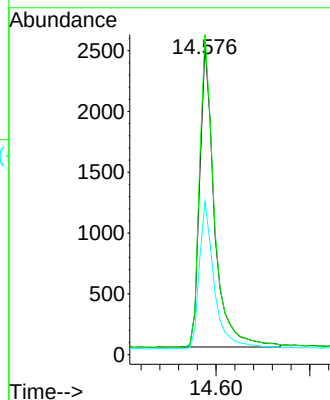
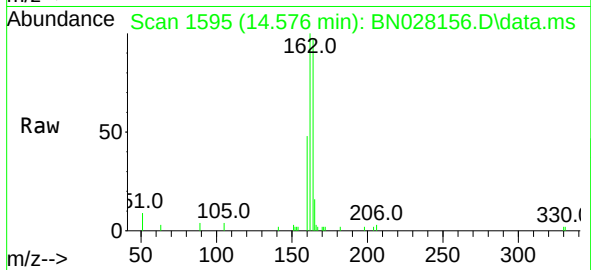
Tgt Ion:164 Resp: 5465

Ion Ratio Lower Upper

164 100

162 103.3 80.8 121.2

160 49.4 36.4 54.6



#14

2,4,6-Tribromophenol

Concen: 0.163 ng

RT: 16.090 min Scan# 1729

Delta R.T. 0.012 min

Lab File: BN028156.D

Acq: 09 Oct 2023 12:09

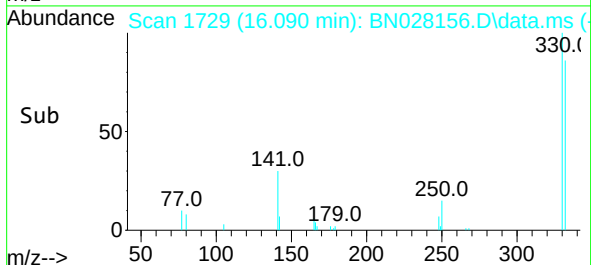
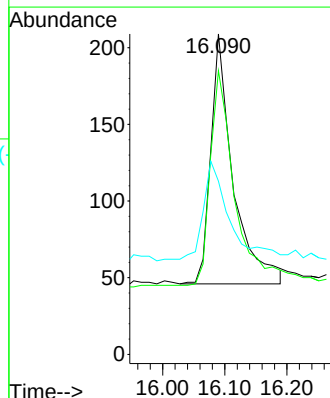
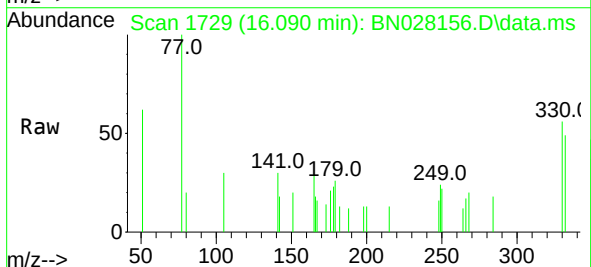
Tgt Ion:330 Resp: 408

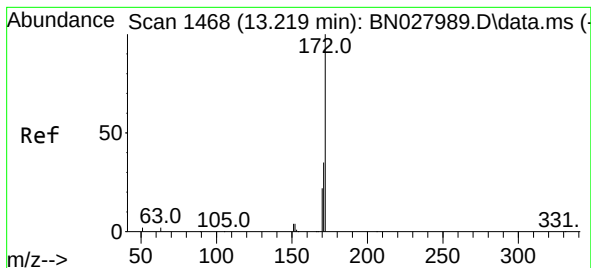
Ion Ratio Lower Upper

330 100

332 93.4 78.1 117.1

141 44.6 33.4 50.2





#15

2-Fluorobiphenyl

Concen: 0.404 ng

RT: 13.208 min Scan# 1467

Delta R.T. 0.011 min

Lab File: BN028156.D

Acq: 09 Oct 2023 12:09

Instrument :

BNA_N

ClientSampleId :

PB155839BL

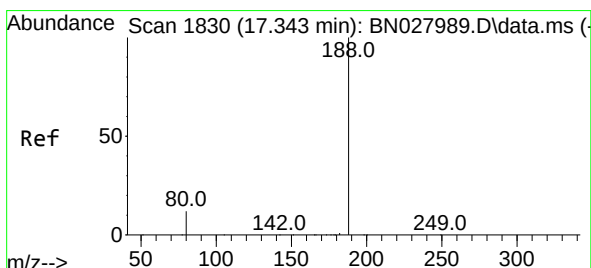
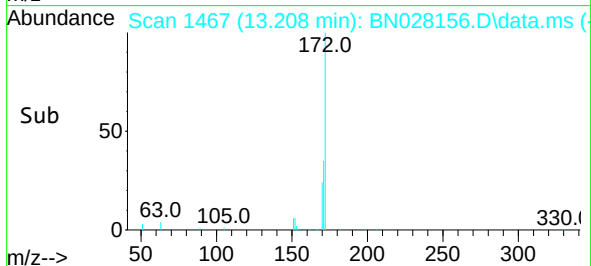
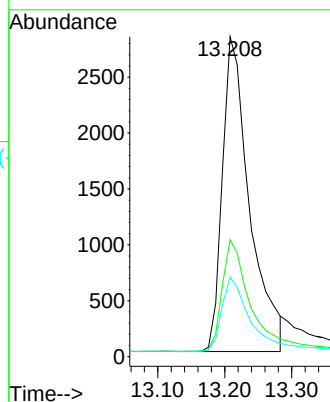
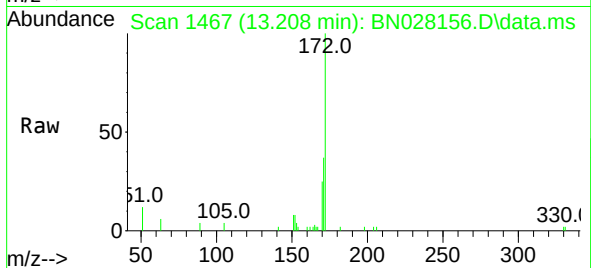
Tgt Ion:172 Resp: 7958

Ion Ratio Lower Upper

172 100

171 36.5 28.1 42.1

170 24.9 18.4 27.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.331 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BN028156.D

Acq: 09 Oct 2023 12:09

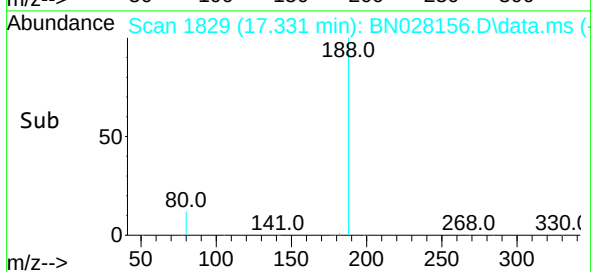
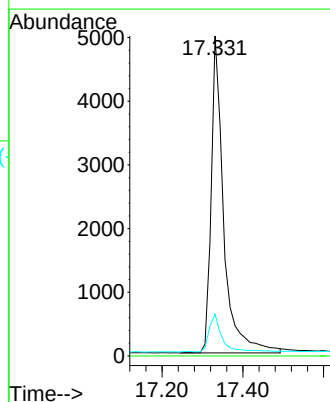
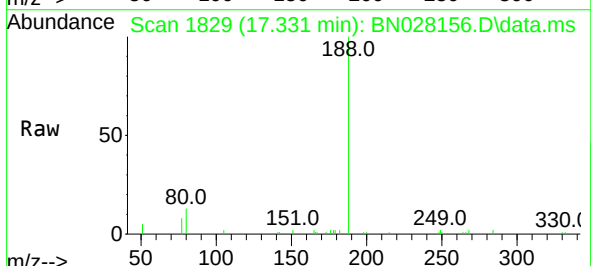
Tgt Ion:188 Resp: 10689

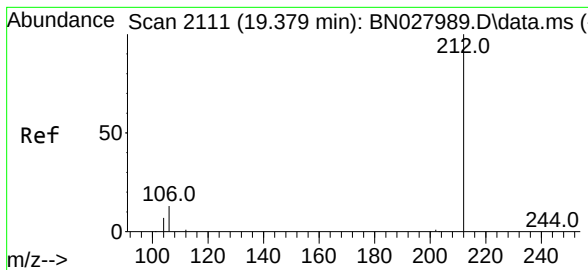
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 10.2 15.4

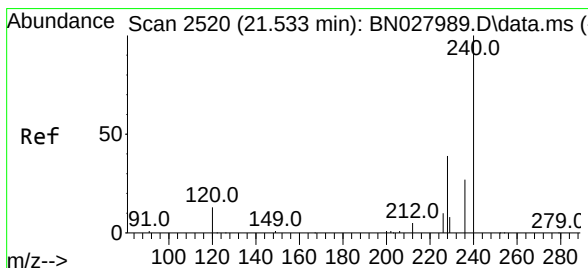
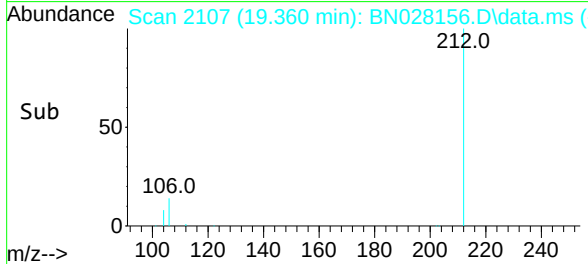
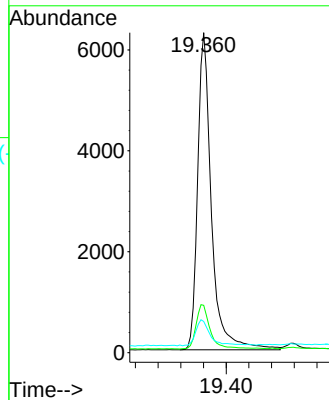
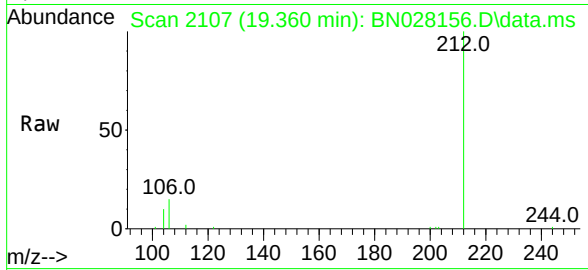




#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.360 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BN028156.D
Acq: 09 Oct 2023 12:09

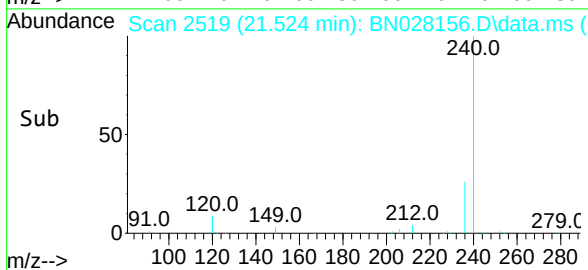
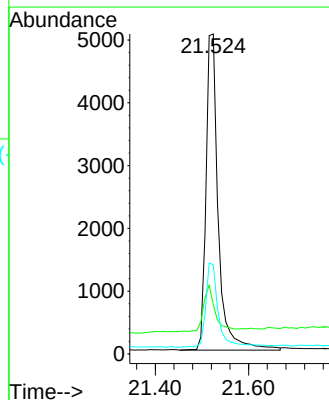
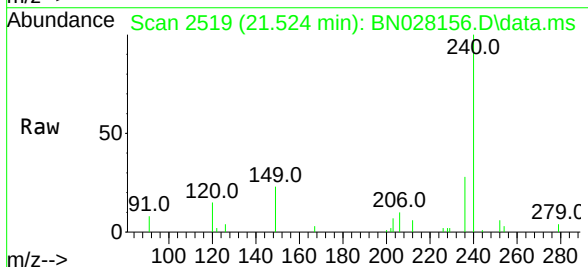
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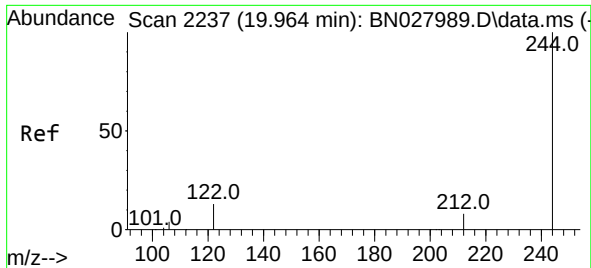
Tgt Ion:212 Resp: 10582
Ion Ratio Lower Upper
212 100
106 14.3 11.3 16.9
104 8.7 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.009 min
Lab File: BN028156.D
Acq: 09 Oct 2023 12:09

Tgt Ion:240 Resp: 9194
Ion Ratio Lower Upper
240 100
120 15.4 13.8 20.6
236 27.8 22.6 33.8

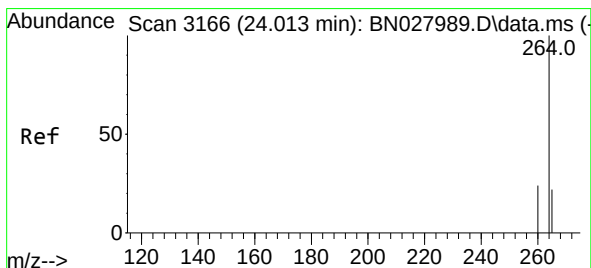
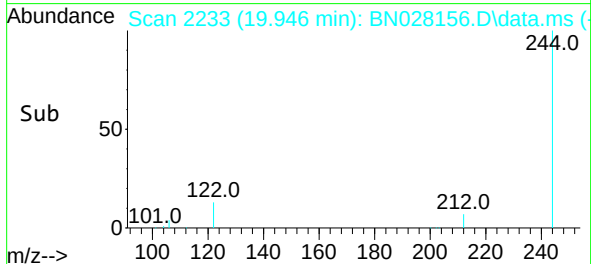
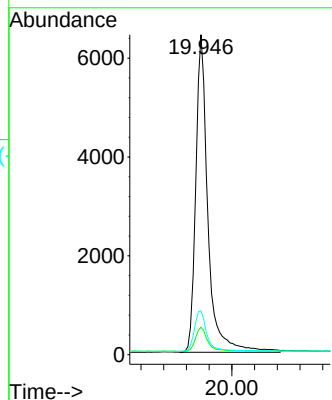
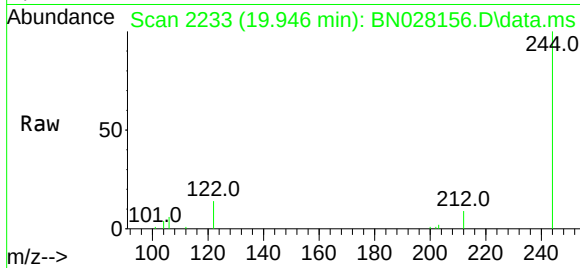




#31
Terphenyl-d14
Concen: 0.444 ng
RT: 19.946 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028156.D
Acq: 09 Oct 2023 12:09

Instrument :
BNA_N
ClientSampleId :
PB155839BL

Tgt Ion:244 Resp: 9534
Ion Ratio Lower Upper
244 100
212 8.5 6.6 9.8
122 13.7 11.4 17.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.981 min Scan# 3155
Delta R.T. 0.003 min
Lab File: BN028156.D
Acq: 09 Oct 2023 12:09

Tgt Ion:264 Resp: 9844
Ion Ratio Lower Upper
264 100
260 25.6 20.2 30.4
265 85.0 54.8 82.2#

