

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
 Data File : BN028442.D
 Acq On : 03 Nov 2023 04:08
 Operator : MA/JU
 Sample : PB156863BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156863BL

Quant Time: Nov 03 04:41:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	13969	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	43877	0.400	ng	# 0.00
13) Acenaphthene-d10	14.374	164	23166	0.400	ng	0.01
19) Phenanthrene-d10	17.121	188	42805	0.400	ng	# 0.00
29) Chrysene-d12	21.328	240	28363	0.400	ng	# 0.00
35) Perylene-d12	23.649	264	30848	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	15304	0.420	ng	0.01
5) Phenol-d6	6.901	99	18856	0.408	ng	0.01
8) Nitrobenzene-d5	8.875	82	9904	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	24457	0.390	ng	0.00
14) 2,4,6-Tribromophenol	15.867	330	2881	0.319	ng	0.01
15) 2-Fluorobiphenyl	13.006	172	13777	0.501	ng	0.00
27) Fluoranthene-d10	19.162	212	37365	0.353	ng	0.00
31) Terphenyl-d14	19.770	244	25619	0.429	ng	0.00

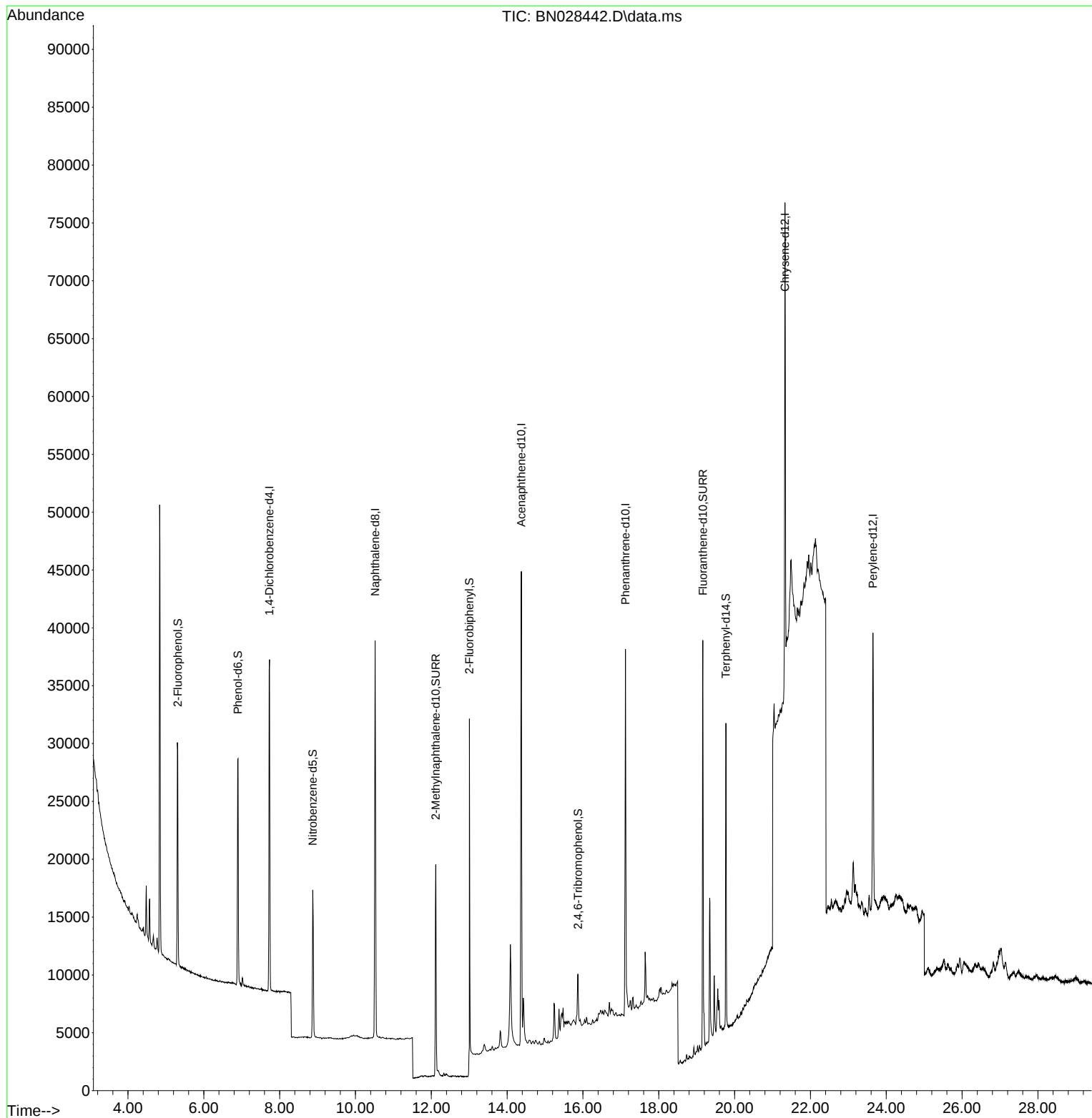
Target Compounds Qvalue

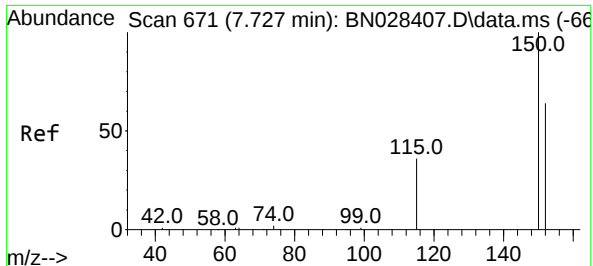
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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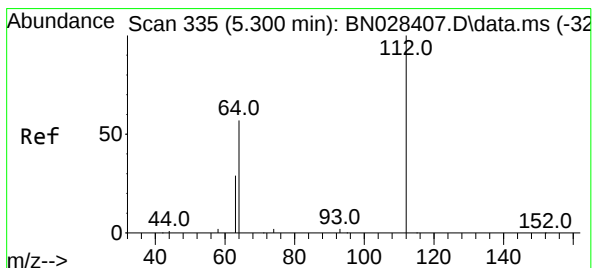
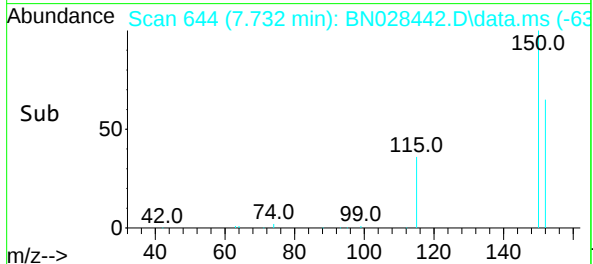
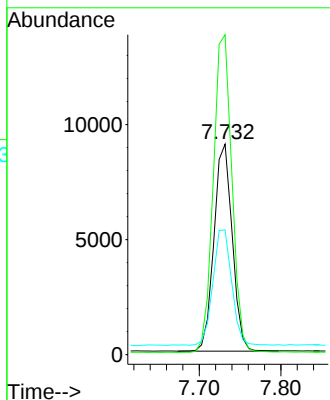
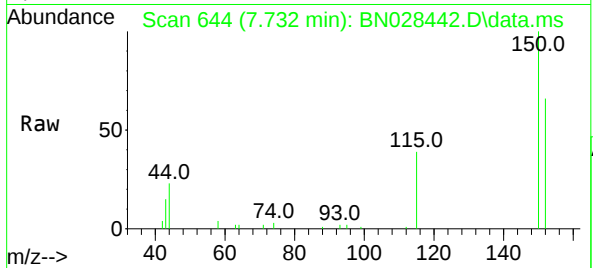




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. 0.005 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

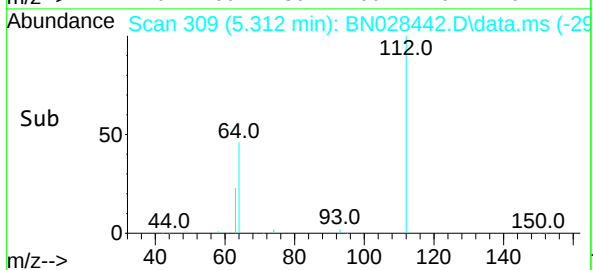
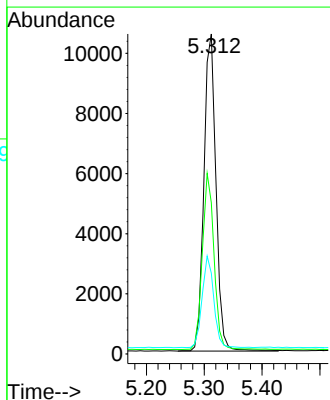
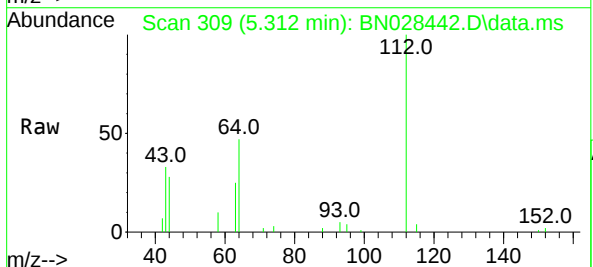
Instrument :
BNA_N
ClientSampleId :
PB156863BL

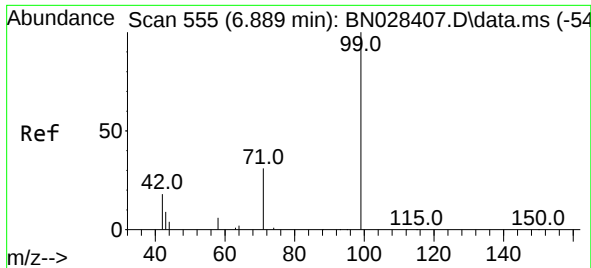
Tgt Ion:152 Resp: 13969
Ion Ratio Lower Upper
152 100
150 152.0 123.8 185.6
115 59.3 47.0 70.6



#4
2-Fluorophenol
Concen: 0.420 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.012 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion:112 Resp: 15304
Ion Ratio Lower Upper
112 100
64 54.1 44.3 66.5
63 27.9 22.6 33.8

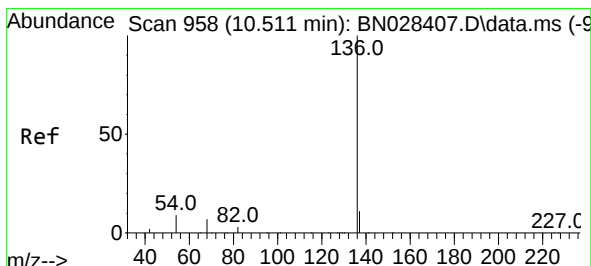
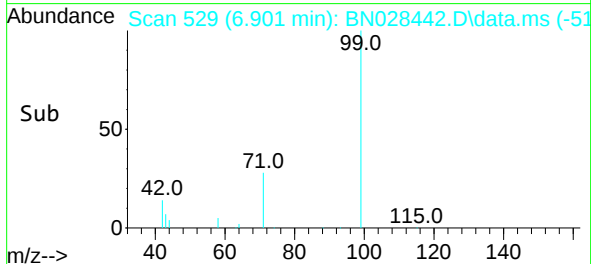
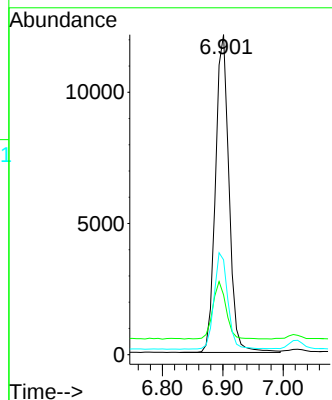
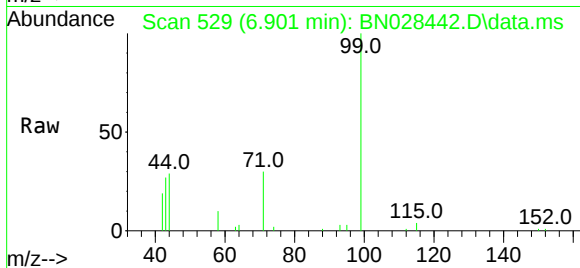




#5
Phenol-d6
Concen: 0.408 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.012 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

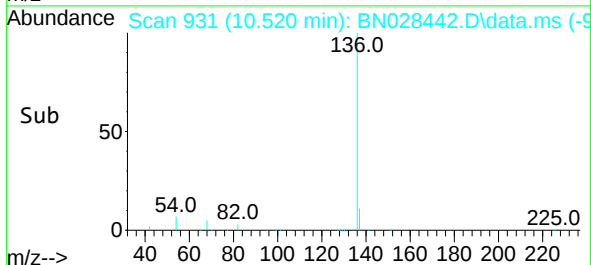
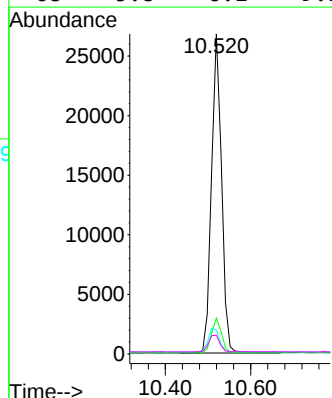
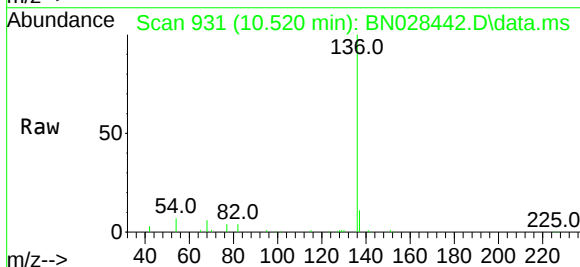
Instrument :
BNA_N
ClientSampleId :
PB156863BL

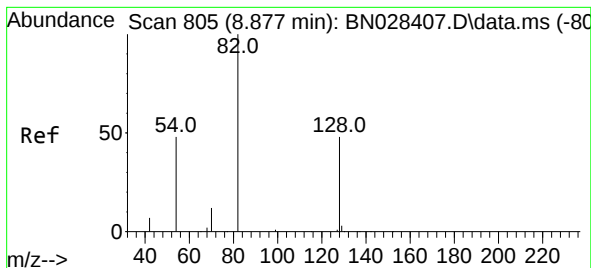
Tgt Ion: 99 Resp: 18856
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 30.8 24.4 36.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.009 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion: 136 Resp: 43877
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.5 7.9 11.9#
68 5.8 6.1 9.1#





#8

Nitrobenzene-d5

Concen: 0.349 ng

RT: 8.875 min Scan# 71

Delta R.T. -0.002 min

Lab File: BN028442.D

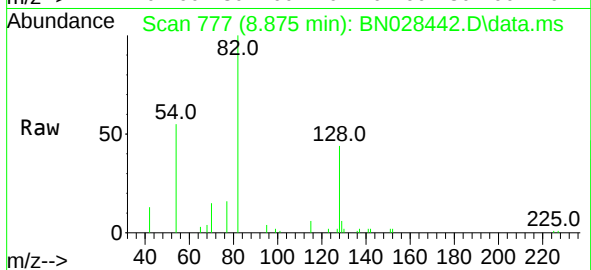
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Instrument :

BNA_N

ClientSampleId :

PB156863BL



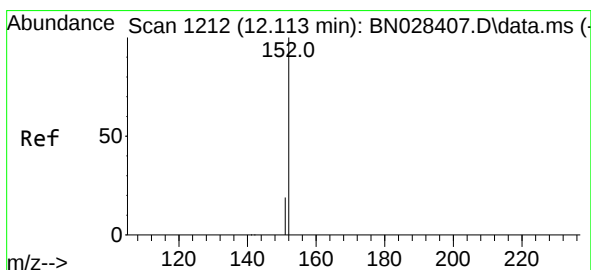
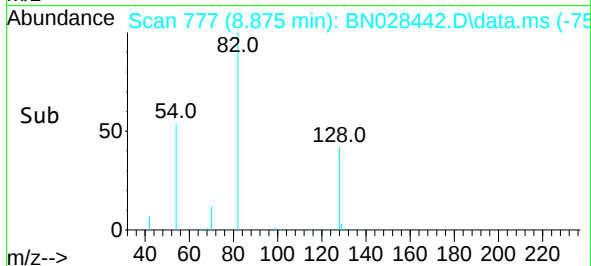
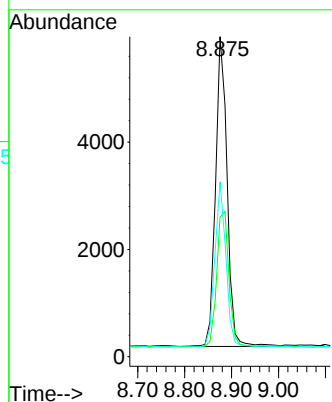
Tgt Ion: 82 Resp: 9904

Ion Ratio Lower Upper

82 100

128 43.6 38.8 58.2

54 54.6 40.3 60.5



#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.117 min Scan# 1184

Delta R.T. 0.005 min

Lab File: BN028442.D

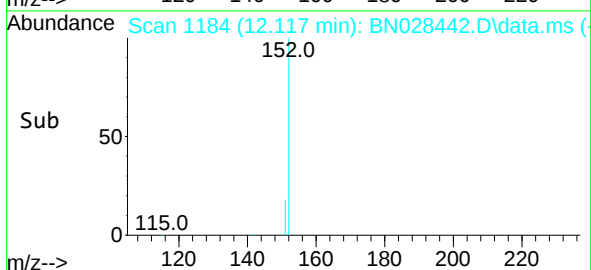
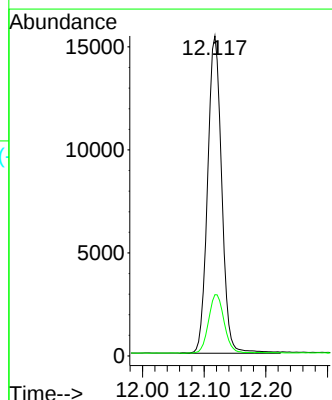
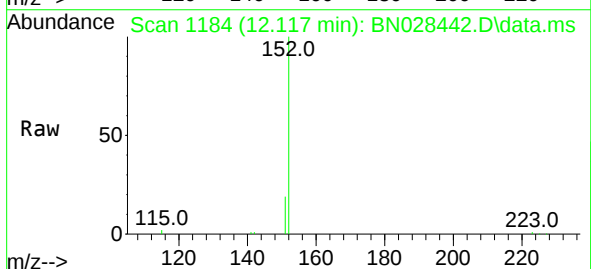
Acq: 03 Nov 2023 04:08

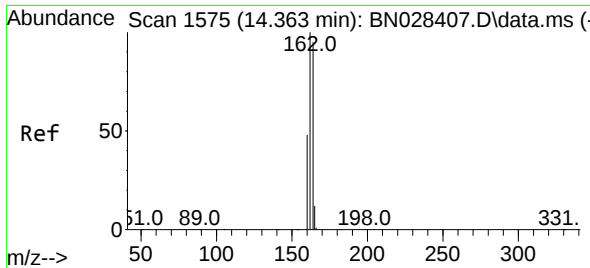
Tgt Ion:152 Resp: 24457

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

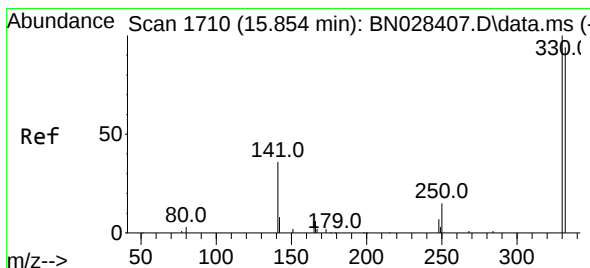
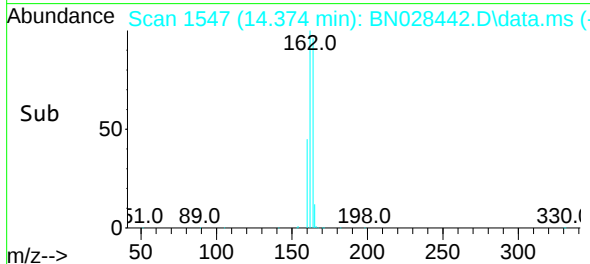
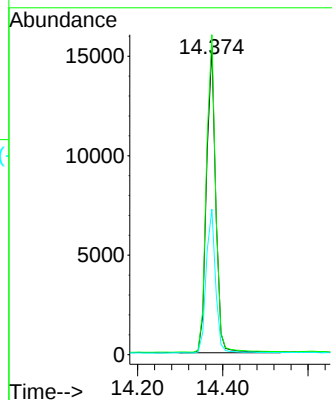
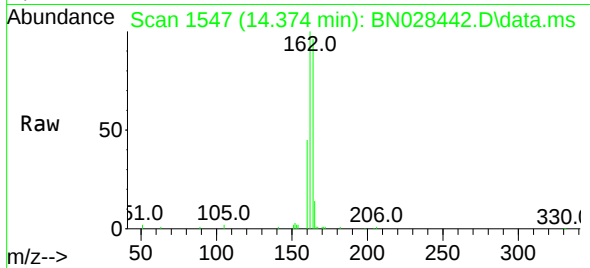




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.374 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

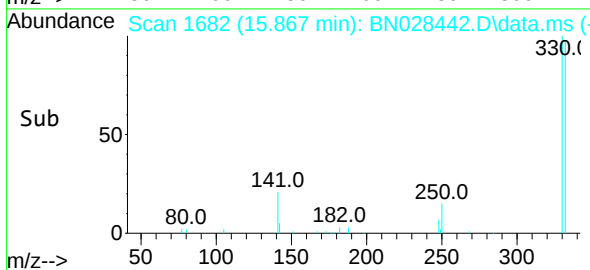
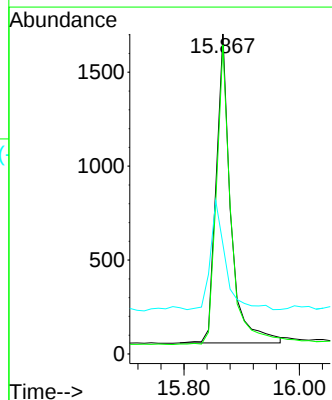
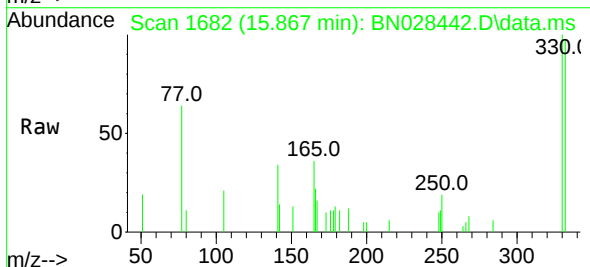
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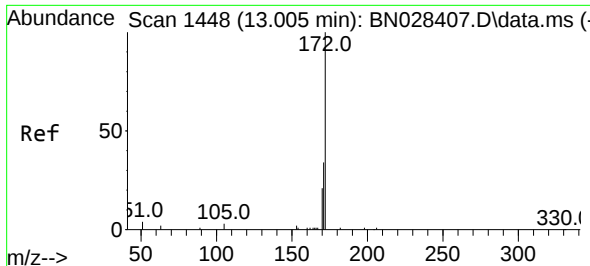
Tgt Ion:164 Resp: 23166
Ion Ratio Lower Upper
164 100
162 104.0 84.6 127.0
160 47.3 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.867 min Scan# 1682
Delta R.T. 0.013 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion:330 Resp: 2881
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.2
141 36.2 32.8 49.2

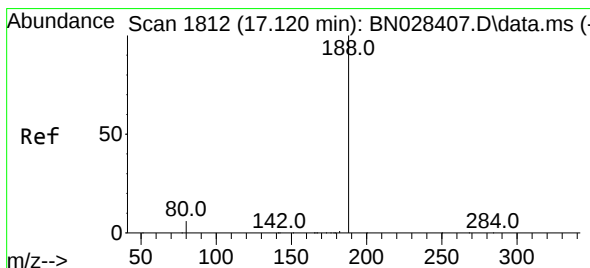
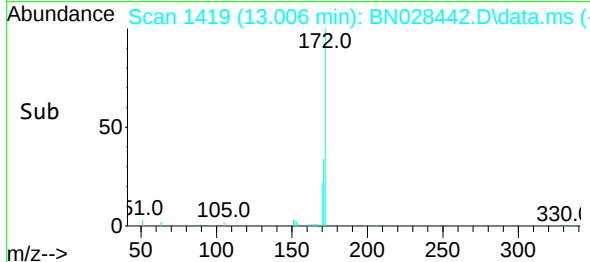
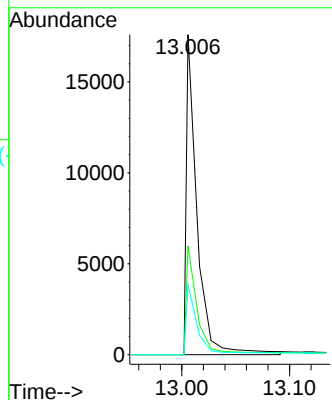
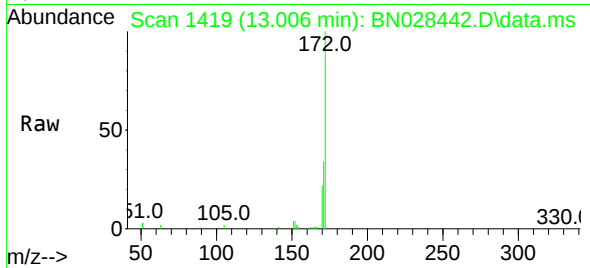




#15
2-Fluorobiphenyl
Concen: 0.501 ng
RT: 13.006 min Scan# 1448
Delta R.T. 0.001 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

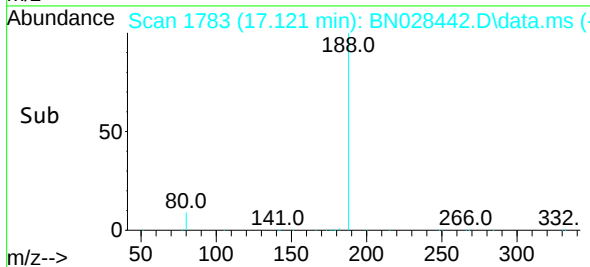
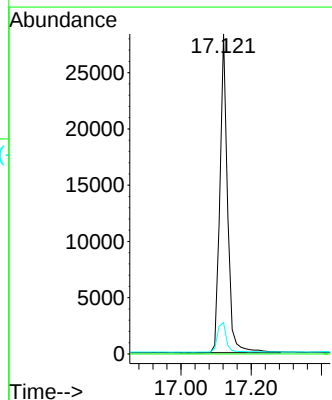
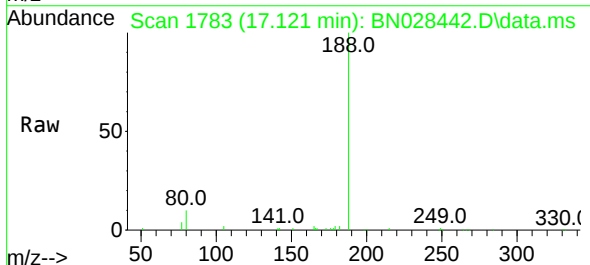
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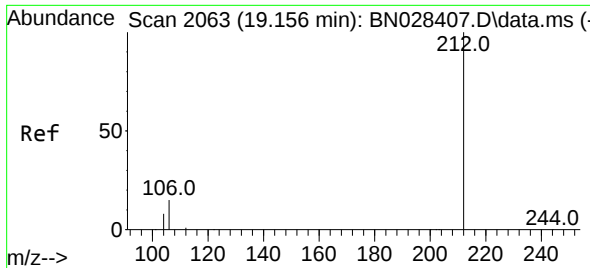
Tgt Ion:172 Resp: 13777
Ion Ratio Lower Upper
172 100
171 34.0 27.2 40.8
170 21.8 17.1 25.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.121 min Scan# 1783
Delta R.T. 0.001 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion:188 Resp: 42805
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 5.3 7.9#

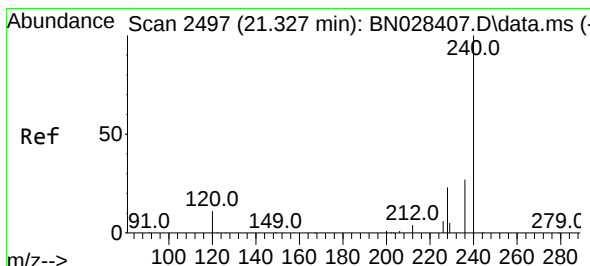
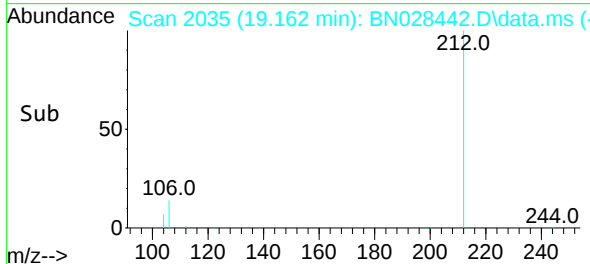
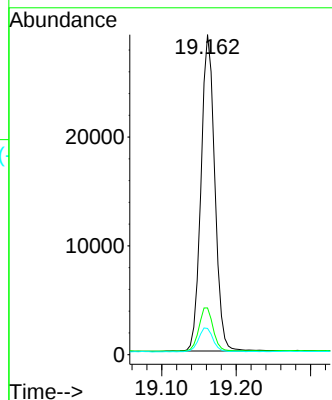
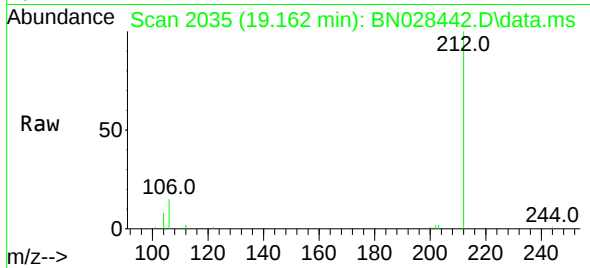




#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.162 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

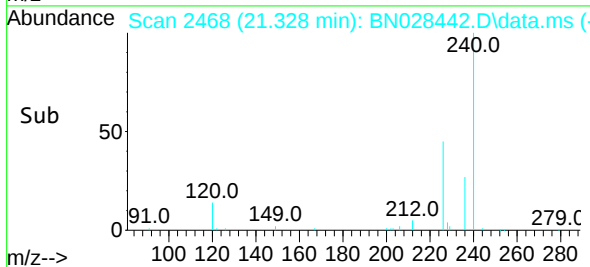
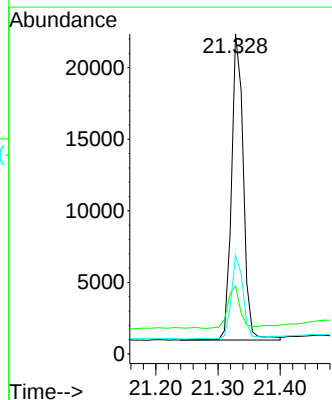
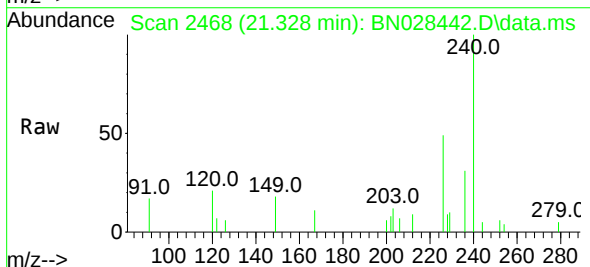
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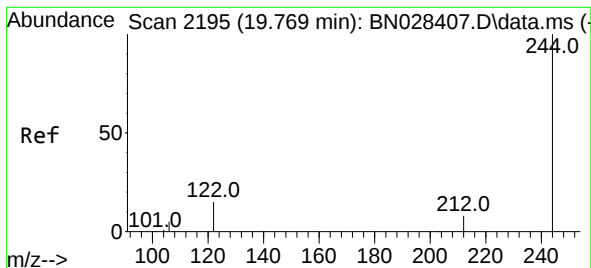
Tgt Ion:212 Resp: 37365
Ion Ratio Lower Upper
212 100
106 14.2 11.9 17.9
104 8.0 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2468
Delta R.T. 0.001 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion:240 Resp: 28363
Ion Ratio Lower Upper
240 100
120 21.2 9.8 14.6#
236 30.9 22.2 33.2





#31

Terphenyl-d14

Concen: 0.429 ng

RT: 19.770 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN028442.D

Acq: 03 Nov 2023 04:08

Instrument :

BNA_N

ClientSampleId :

PB156863BL

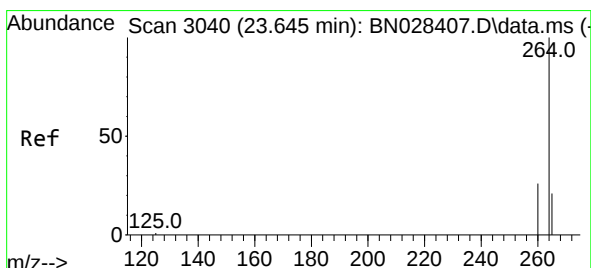
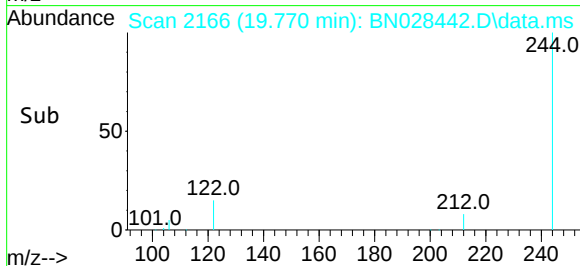
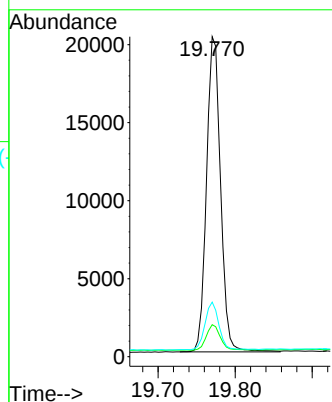
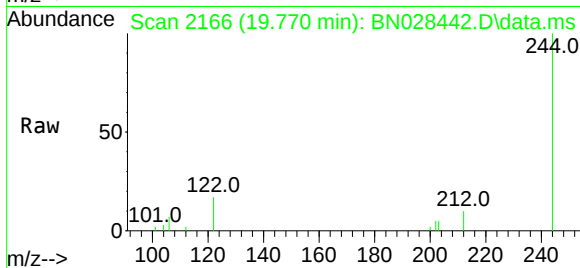
Tgt Ion:244 Resp: 25619

Ion Ratio Lower Upper

244 100

212 10.0 6.6 10.0#

122 17.0 12.6 19.0



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.649 min Scan# 3012

Delta R.T. 0.004 min

Lab File: BN028442.D

Acq: 03 Nov 2023 04:08

Tgt Ion:264 Resp: 30848

Ion Ratio Lower Upper

264 100

260 30.2 20.8 31.2

265 40.9 21.7 32.5#

