

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
 Data File : BN028416.D
 Acq On : 02 Nov 2023 11:53
 Operator : MA/JU
 Sample : PB156828BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156828BL

Quant Time: Nov 02 14:06:26 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	7.727	152	11176	0.400	ng	0.00
7) Naphthalene-d8	10.511	136	31178	0.400	ng	0.00
13) Acenaphthene-d10	14.363	164	15422	0.400	ng	0.00
19) Phenanthrene-d10	17.120	188	34665	0.400	ng	0.00
29) Chrysene-d12	21.327	240	23397	0.400	ng	0.00
35) Perylene-d12	23.639	264	24375	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.307	112	10033	0.344	ng	0.00
5) Phenol-d6	6.889	99	12280	0.332	ng	0.00
8) Nitrobenzene-d5	8.867	82	6872	0.341	ng	-0.01
11) 2-Methylnaphthalene-d10	12.109	152	16106	0.361	ng	0.00
14) 2,4,6-Tribromophenol	15.854	330	1600	0.266	ng	0.00
15) 2-Fluorobiphenyl	13.005	172	6307	0.344	ng	0.00
27) Fluoranthene-d10	19.156	212	31917	0.373	ng	0.00
31) Terphenyl-d14	19.769	244	21119	0.429	ng	0.00

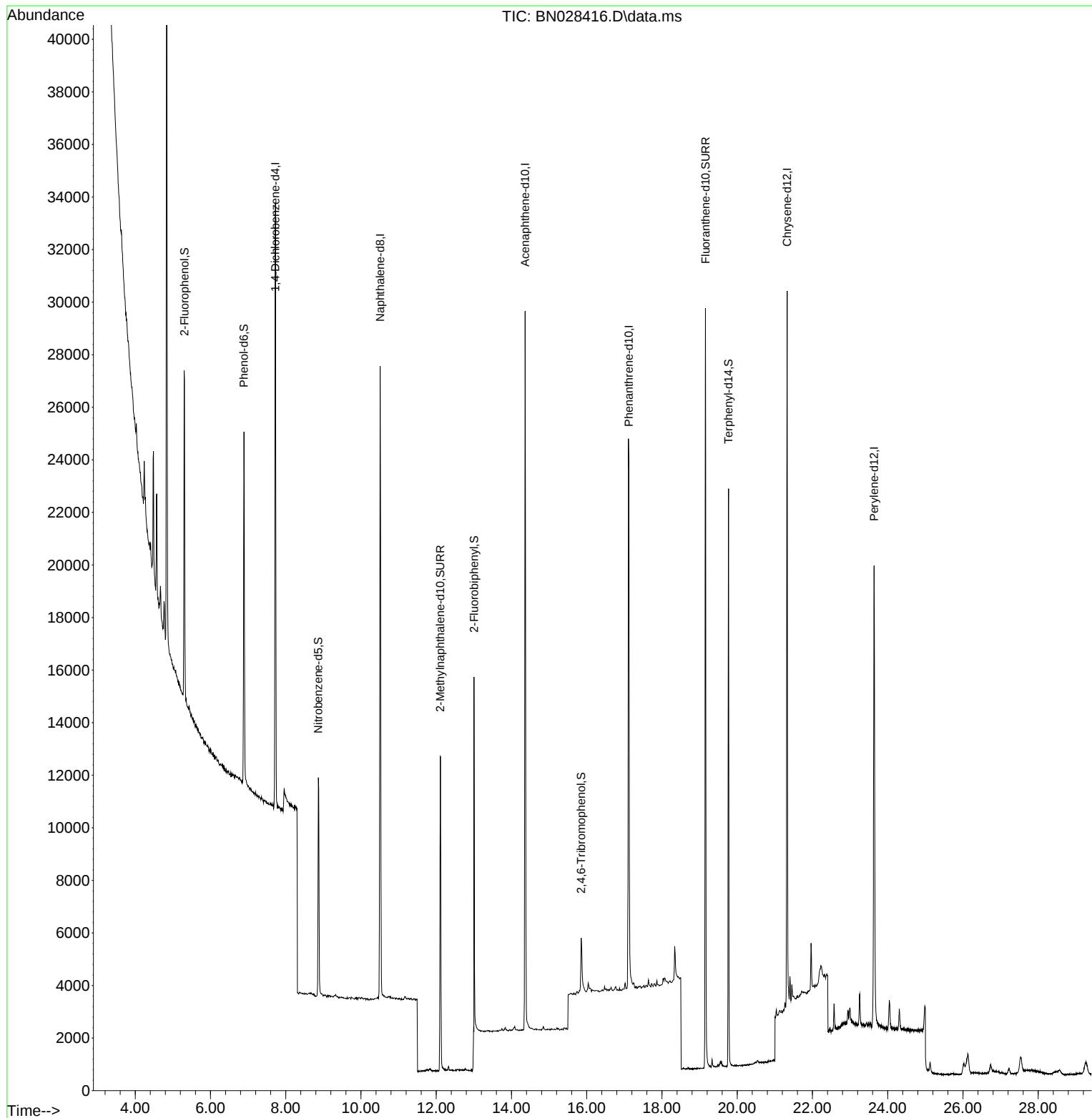
Target Compounds	Qvalue
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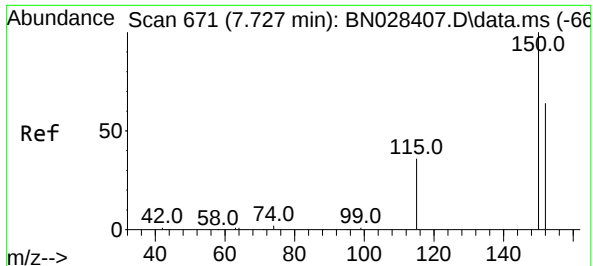
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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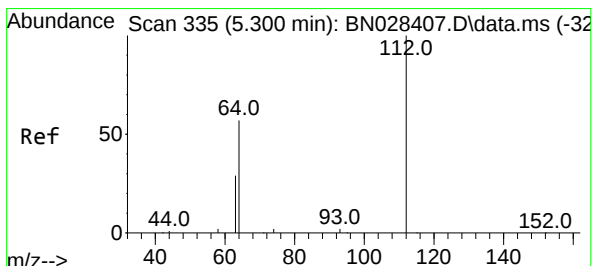
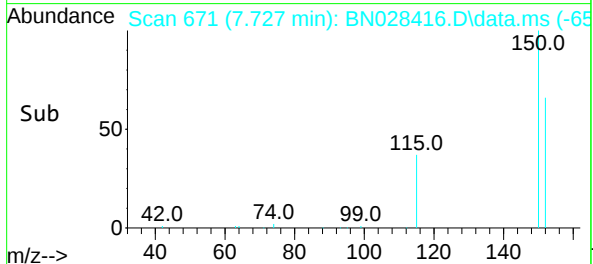
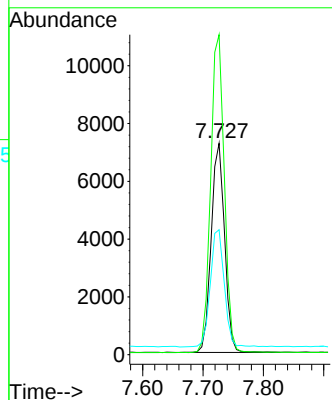
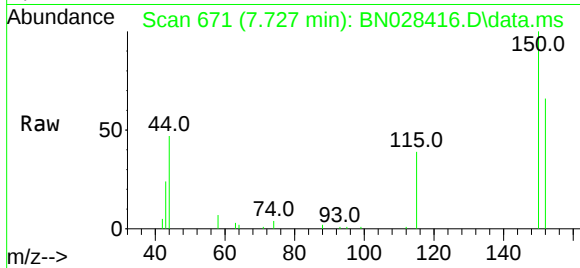




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.727 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028416.D
 Acq: 02 Nov 2023 11:53

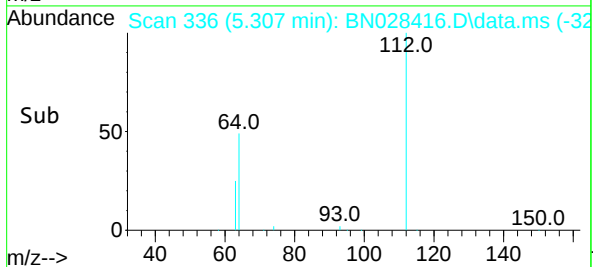
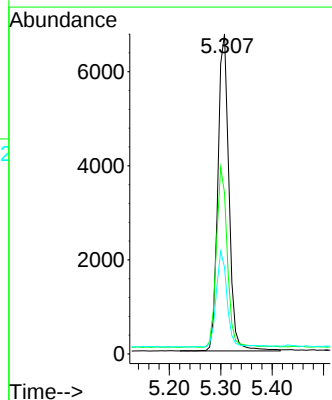
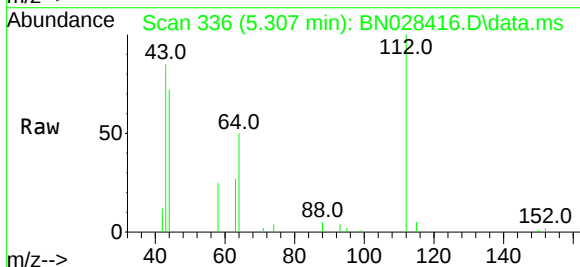
Instrument :
 BNA_N
 ClientSampleId :
 PB156828BL

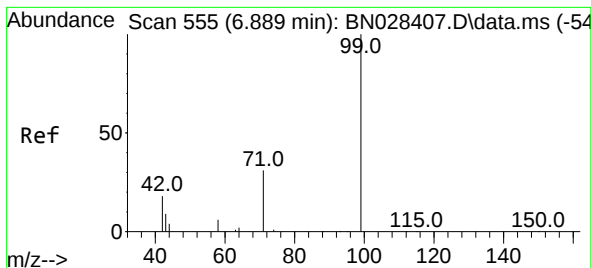
Tgt Ion:152 Resp: 11176
 Ion Ratio Lower Upper
 152 100
 150 151.4 123.8 185.6
 115 59.1 47.0 70.6



#4
 2-Fluorophenol
 Concen: 0.344 ng
 RT: 5.307 min Scan# 336
 Delta R.T. 0.007 min
 Lab File: BN028416.D
 Acq: 02 Nov 2023 11:53

Tgt Ion:112 Resp: 10033
 Ion Ratio Lower Upper
 112 100
 64 55.7 44.3 66.5
 63 29.3 22.6 33.8





#5

Phenol-d6

Concen: 0.332 ng

RT: 6.889 min Scan# 511

Delta R.T. 0.000 min

Lab File: BN028416.D

Acq: 02 Nov 2023 11:53

Instrument :

BNA_N

ClientSampleId :

PB156828BL

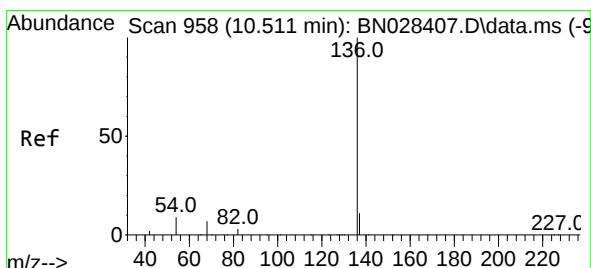
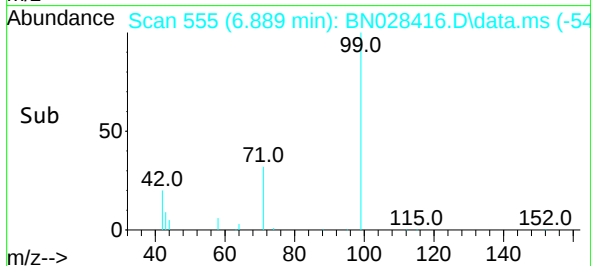
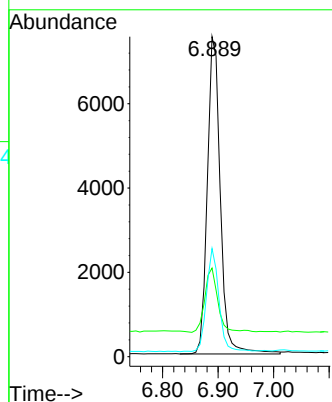
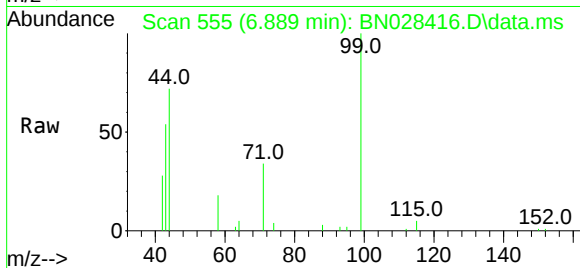
Tgt Ion: 99 Resp: 12280

Ion Ratio Lower Upper

99 100

42 20.0 15.4 23.0

71 31.5 24.4 36.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.511 min Scan# 958

Delta R.T. 0.000 min

Lab File: BN028416.D

Acq: 02 Nov 2023 11:53

Tgt Ion: 136 Resp: 31178

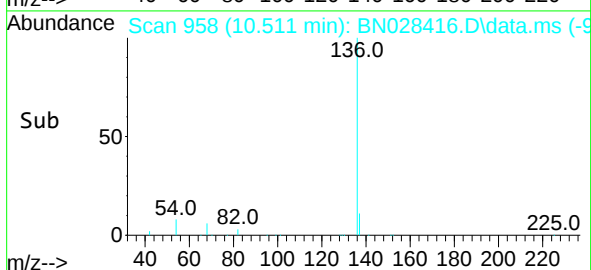
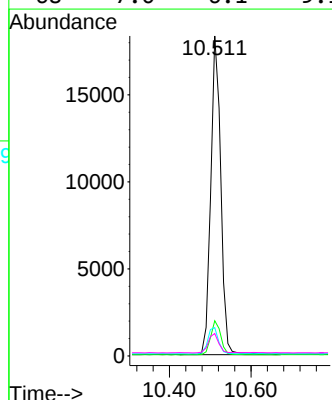
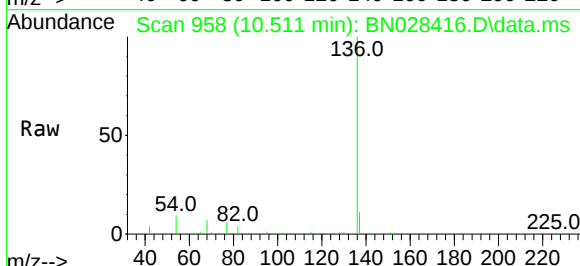
Ion Ratio Lower Upper

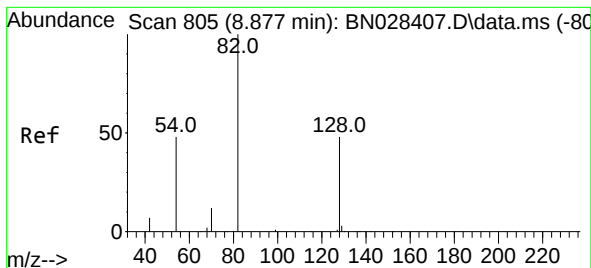
136 100

137 11.0 9.0 13.4

54 8.9 7.9 11.9

68 7.0 6.1 9.1

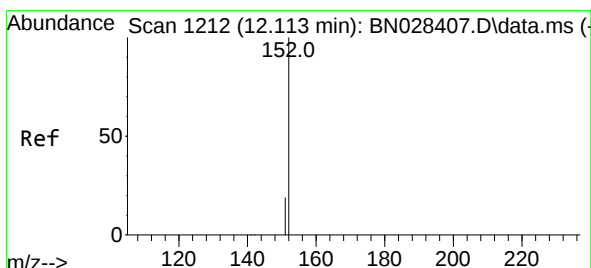
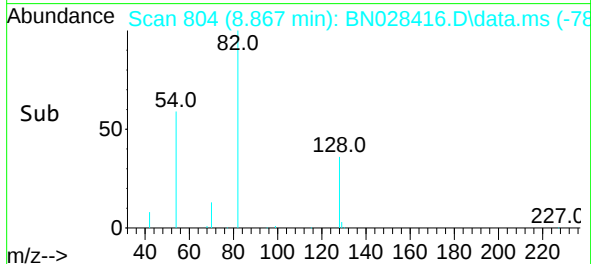
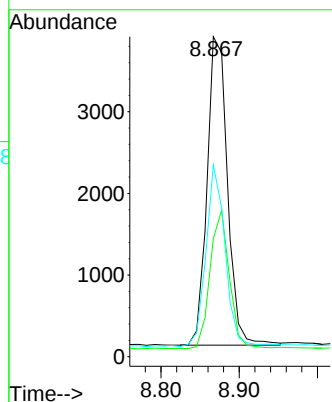
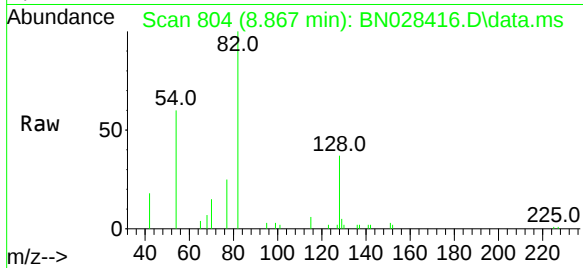




#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 8.867 min Scan# 805
Delta R.T. -0.011 min
Lab File: BN028416.D
Acq: 02 Nov 2023 11:53

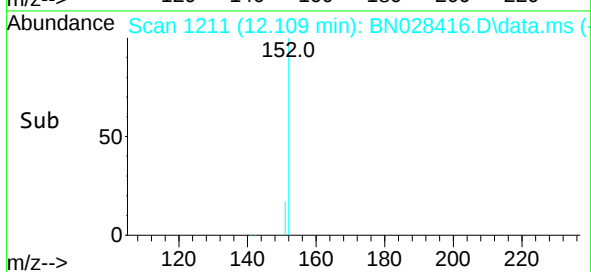
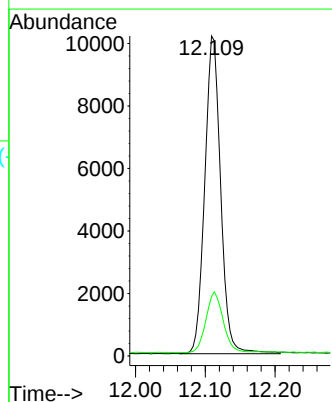
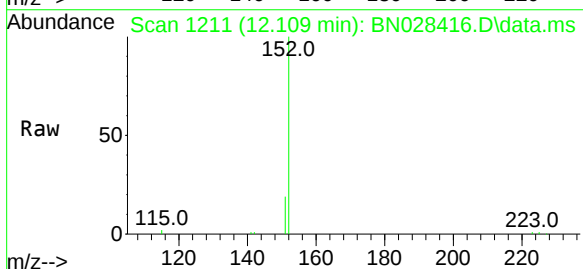
Instrument :
BNA_N
ClientSampleId :
PB156828BL

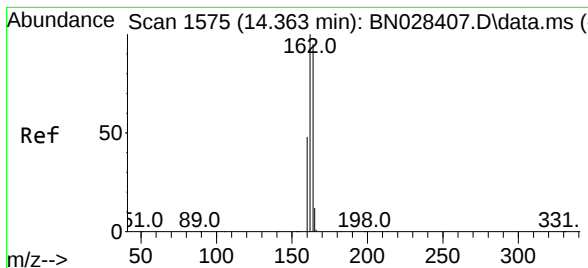
Tgt Ion: 82 Resp: 6872
Ion Ratio Lower Upper
82 100
128 36.9 38.8 58.2#
54 59.9 40.3 60.5



#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.109 min Scan# 1211
Delta R.T. -0.004 min
Lab File: BN028416.D
Acq: 02 Nov 2023 11:53

Tgt Ion:152 Resp: 16106
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN028416.D

Acq: 02 Nov 2023 11:53

Instrument :

BNA_N

ClientSampleId :

PB156828BL

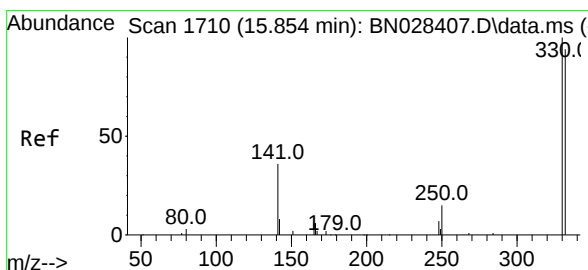
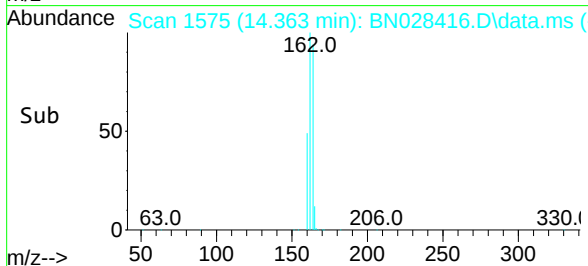
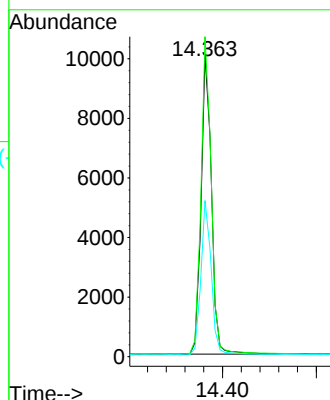
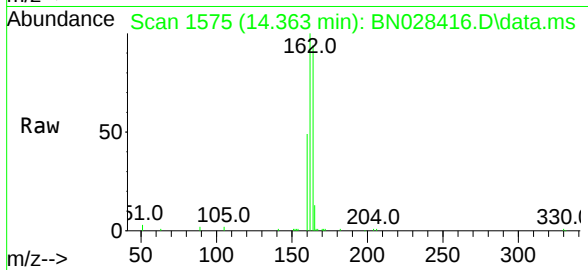
Tgt Ion:164 Resp: 15422

Ion Ratio Lower Upper

164 100

162 106.2 84.6 127.0

160 51.8 41.3 61.9



#14

2,4,6-Tribromophenol

Concen: 0.266 ng

RT: 15.854 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BN028416.D

Acq: 02 Nov 2023 11:53

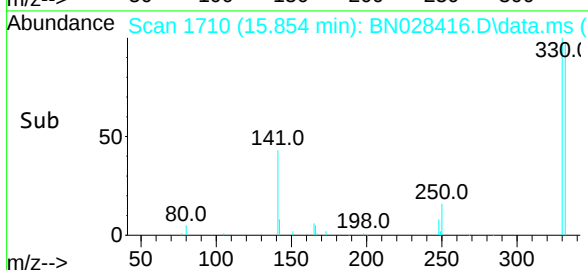
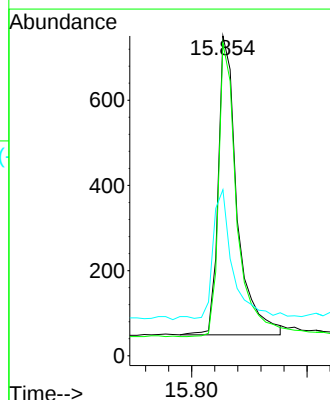
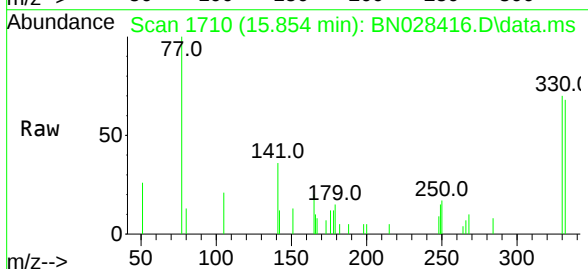
Tgt Ion:330 Resp: 1600

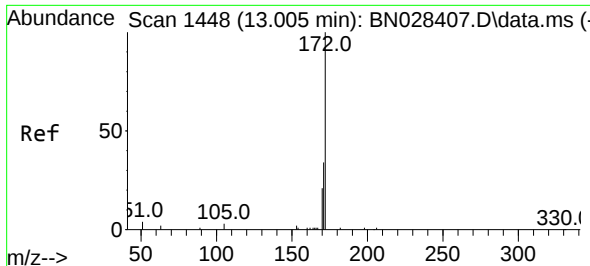
Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.2

141 43.2 32.8 49.2

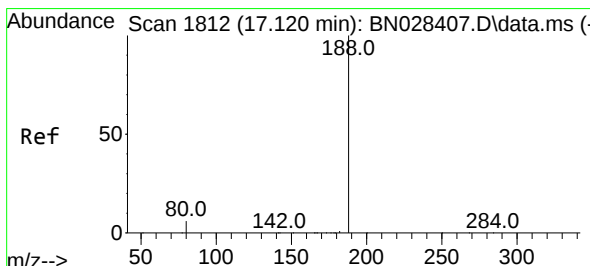
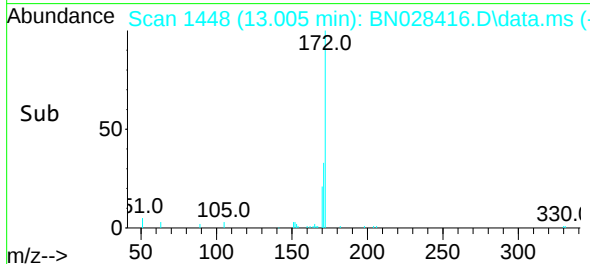
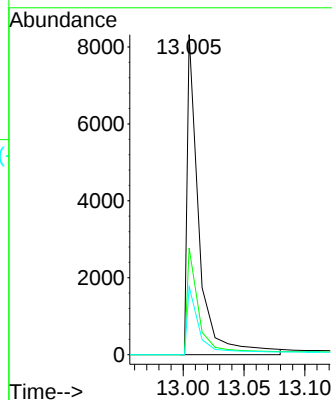
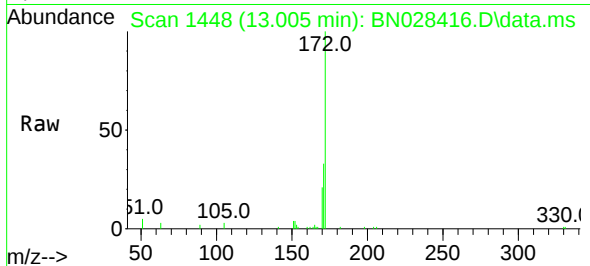




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.005 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN028416.D
Acq: 02 Nov 2023 11:53

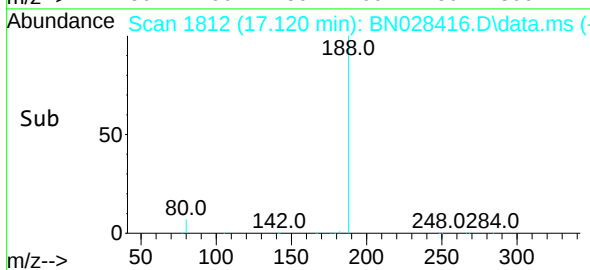
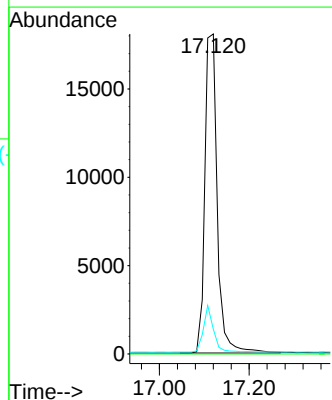
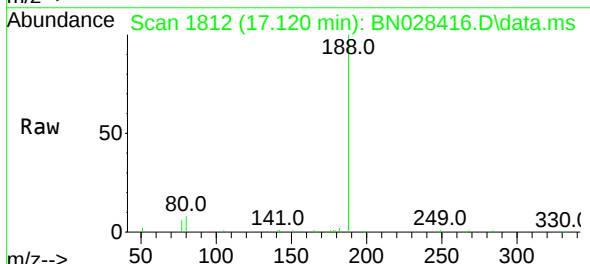
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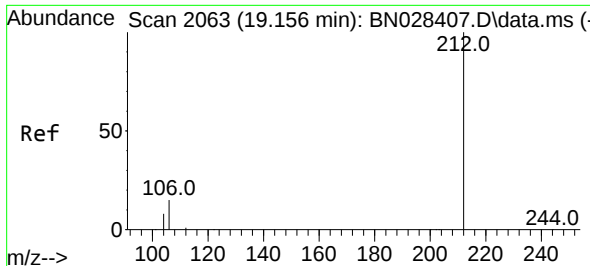
Tgt Ion:172 Resp: 6307
Ion Ratio Lower Upper
172 100
171 33.3 27.2 40.8
170 21.2 17.1 25.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.120 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BN028416.D
Acq: 02 Nov 2023 11:53

Tgt Ion:188 Resp: 34665
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 5.3 7.9

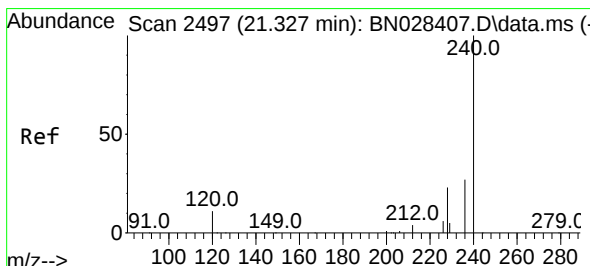
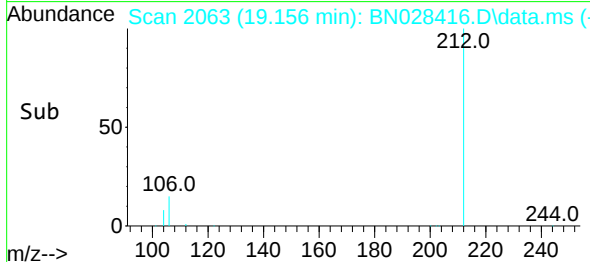
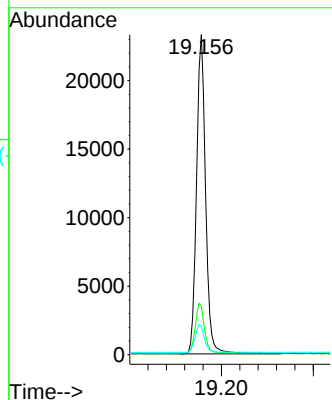
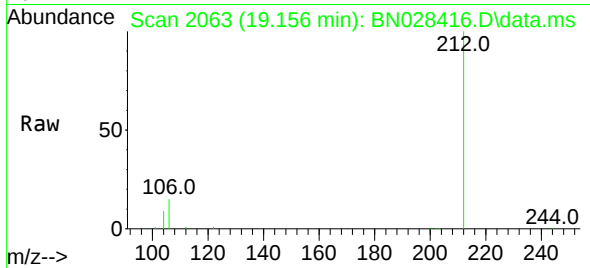




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.156 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BN028416.D
Acq: 02 Nov 2023 11:53

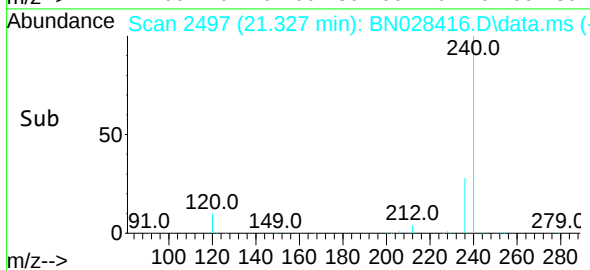
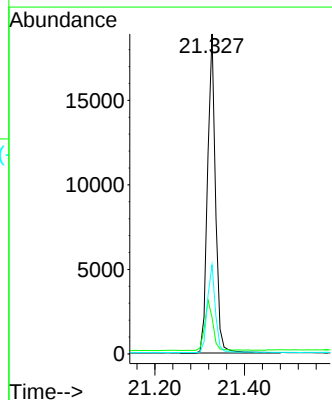
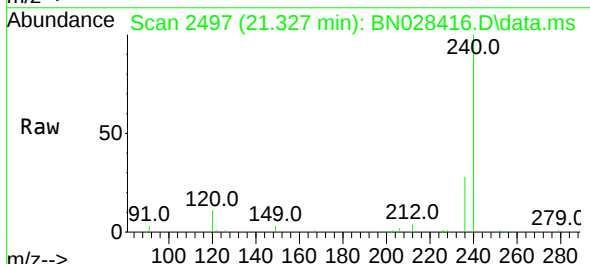
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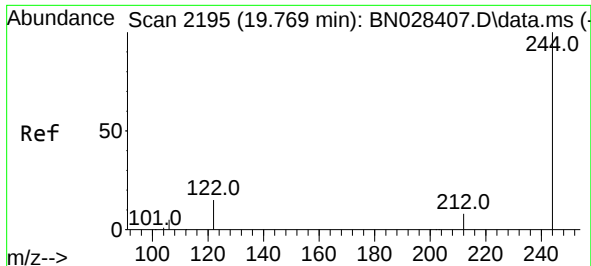
Tgt Ion:212 Resp: 31917
Ion Ratio Lower Upper
212 100
106 15.8 11.9 17.9
104 8.8 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.327 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BN028416.D
Acq: 02 Nov 2023 11:53

Tgt Ion:240 Resp: 23397
Ion Ratio Lower Upper
240 100
120 11.4 9.8 14.6
236 27.8 22.2 33.2

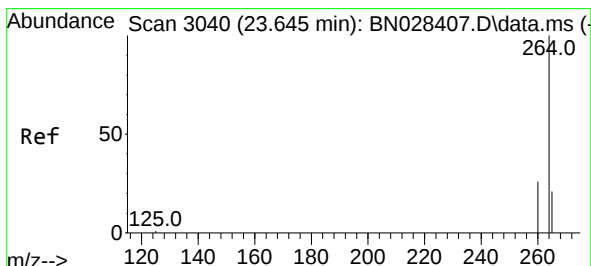
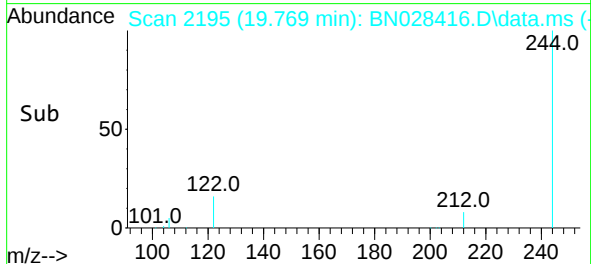
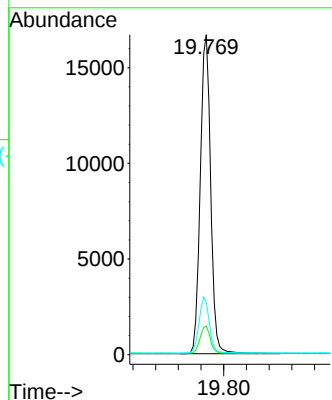
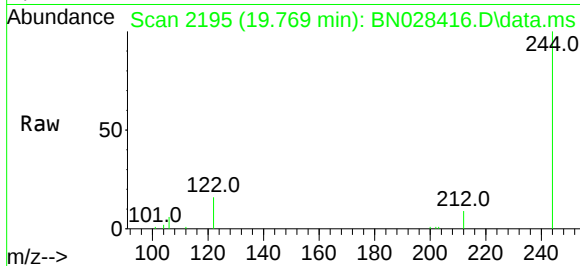




#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.769 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: BN028416.D
 Acq: 02 Nov 2023 11:53

Instrument :
 BNA_N
 ClientSampleId :
 PB156828BL

Tgt Ion:244 Resp: 21119
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 10.0
 122 16.4 12.6 19.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.639 min Scan# 3038
 Delta R.T. -0.006 min
 Lab File: BN028416.D
 Acq: 02 Nov 2023 11:53

Tgt Ion:264 Resp: 24375
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.8 31.2
 265 32.8 21.7 32.5#

