

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031324\
 Data File : BN030389.D
 Acq On : 13 Mar 2024 19:23
 Operator : MA/JU
 Sample : PB159550BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB159550BL

Quant Time: Mar 14 03:53:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 03:39:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	1582	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	3422	0.400	ng	# 0.01
13) Acenaphthene-d10	14.447	164	2027	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	3761	0.400	ng	# 0.01
29) Chrysene-d12	21.438	240	3722	0.400	ng	# 0.00
35) Perylene-d12	23.797	264	1	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	1281	0.311	ng	0.00
5) Phenol-d6	6.973	99	937	0.233	ng	0.01
8) Nitrobenzene-d5	8.971	82	898	0.286	ng	0.01
11) 2-Methylnaphthalene-d10	12.200	152	1637	0.308	ng	0.02
14) 2,4,6-Tribromophenol	15.964	330	266	0.225	ng	0.01
15) 2-Fluorobiphenyl	13.089	172	2262	0.277	ng	0.02
27) Fluoranthene-d10	19.257	212	3618	0.332	ng	0.00
31) Terphenyl-d14	19.870	244	2905	0.344	ng	0.00

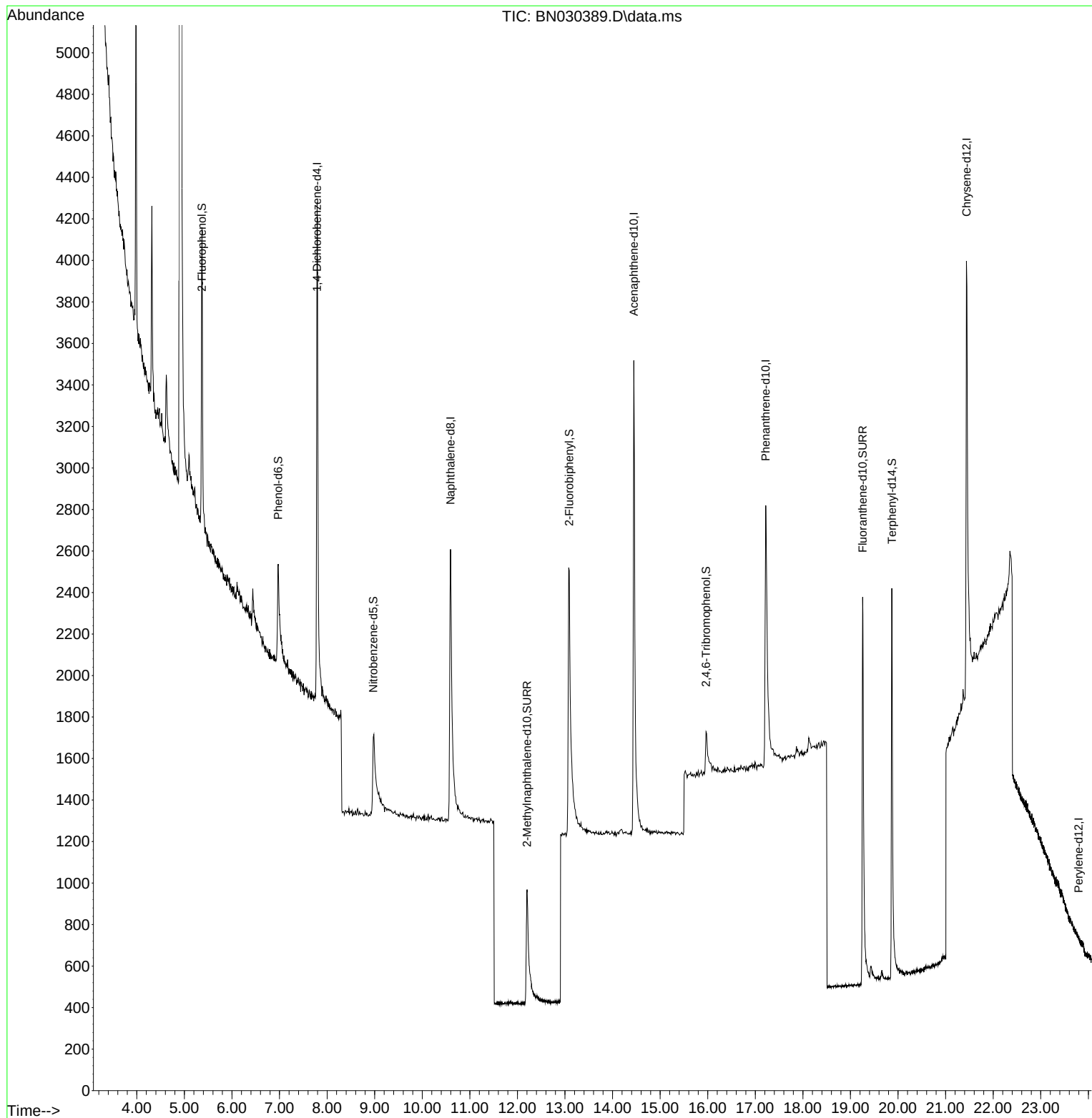
Target Compounds Qvalue

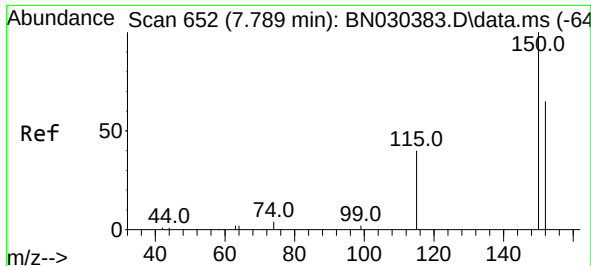
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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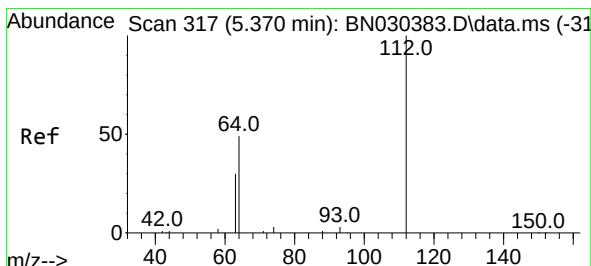
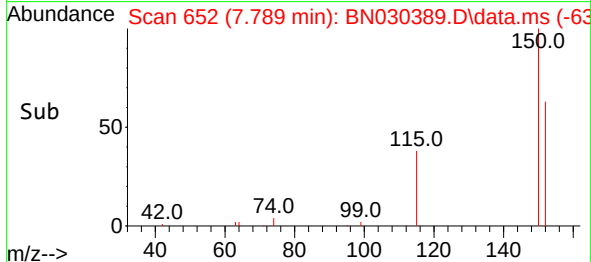
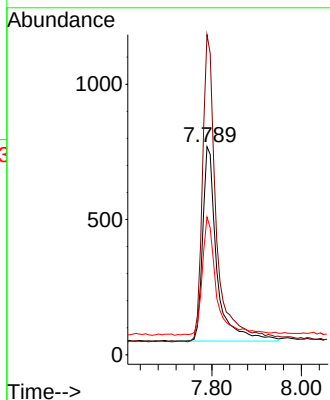
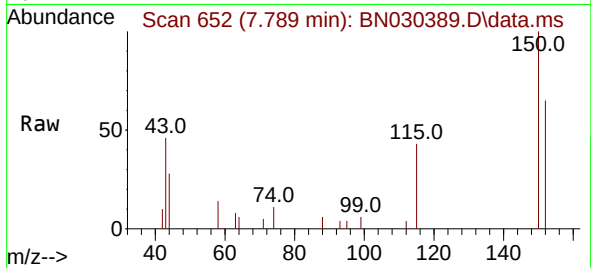




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

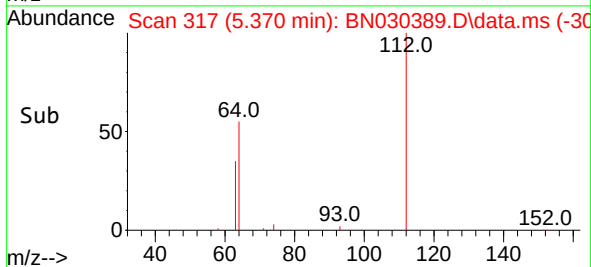
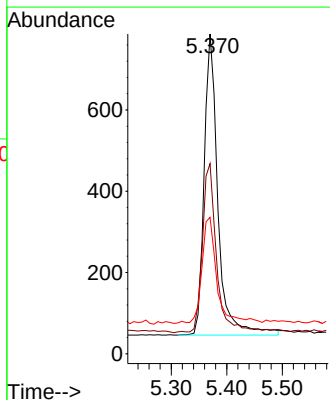
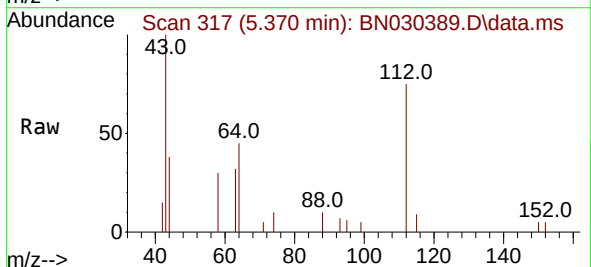
Instrument :
BNA_N
ClientSampleId :
PB159550BL

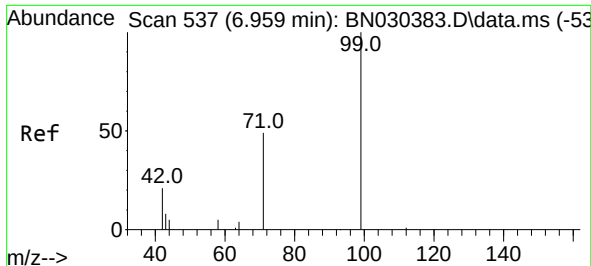
Tgt Ion:152 Resp: 1582
Ion Ratio Lower Upper
152 100
150 153.8 120.4 180.6
115 66.2 52.8 79.2



#4
2-Fluorophenol
Concen: 0.311 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

Tgt Ion:112 Resp: 1281
Ion Ratio Lower Upper
112 100
64 57.6 45.6 68.4
63 37.9 28.2 42.4

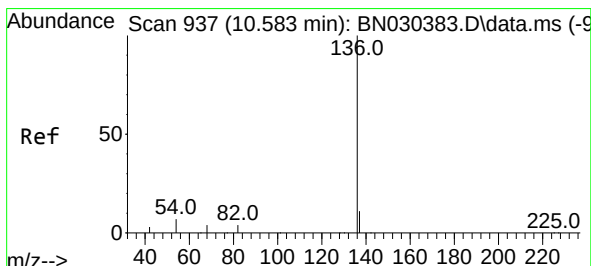
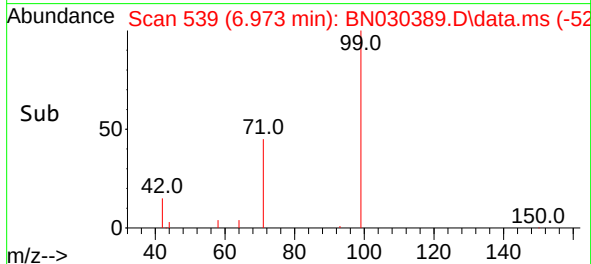
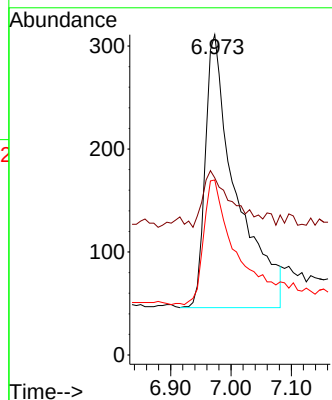
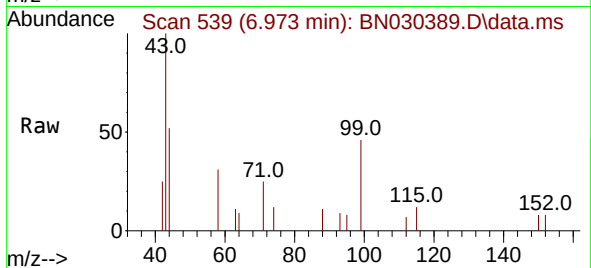




#5
Phenol-d6
Concen: 0.233 ng
RT: 6.973 min Scan# 51
Delta R.T. 0.014 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

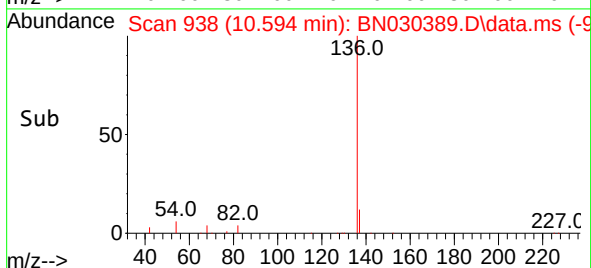
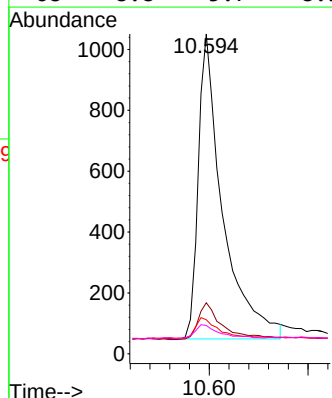
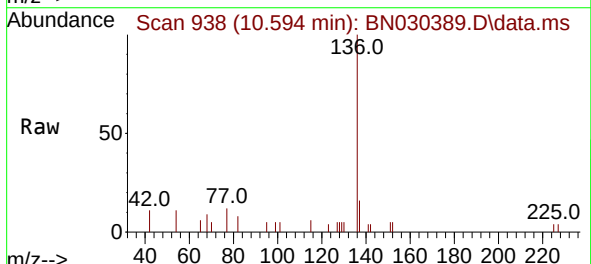
Instrument :
BNA_N
ClientSampleId :
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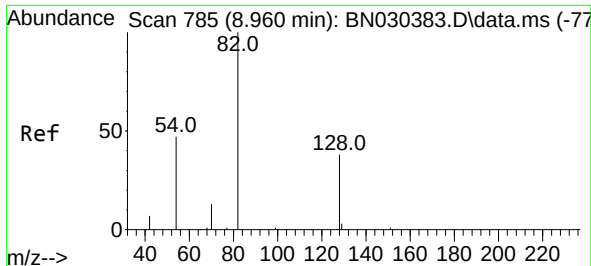
Tgt Ion:	99	Resp:	937
Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.0	25.6
71	47.5	37.0	55.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. 0.011 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

Tgt Ion:	136	Resp:	3422
Ion	Ratio	Lower	Upper
136	100		
137	16.0	11.0	16.6
54	10.7	7.8	11.8
68	8.8	5.7	8.5

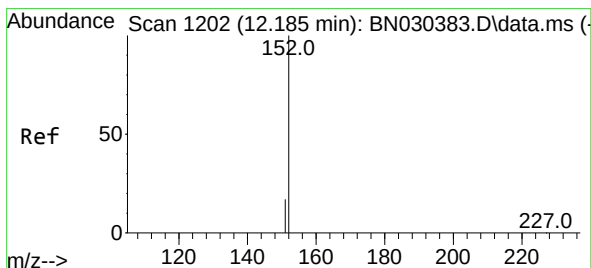
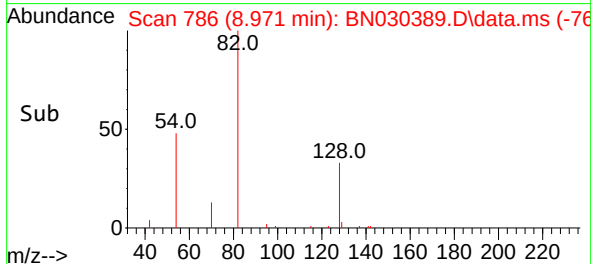
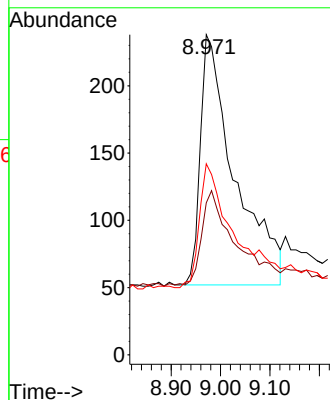
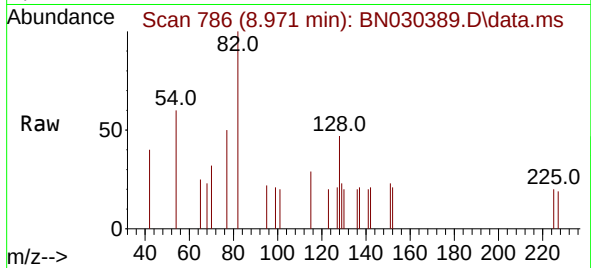




#8
 Nitrobenzene-d5
 Concen: 0.286 ng
 RT: 8.971 min Scan# 71
 Delta R.T. 0.011 min
 Lab File: BN030389.D
 Acq: 13 Mar 2024 19:23

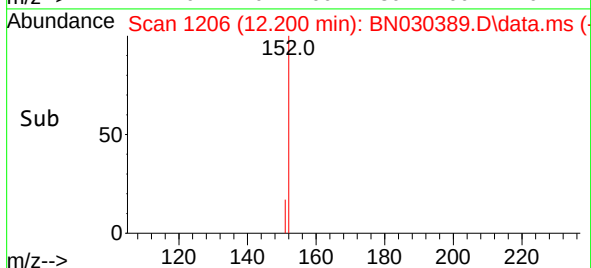
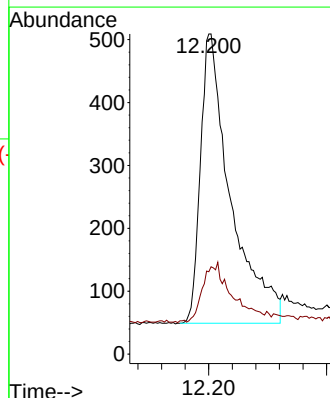
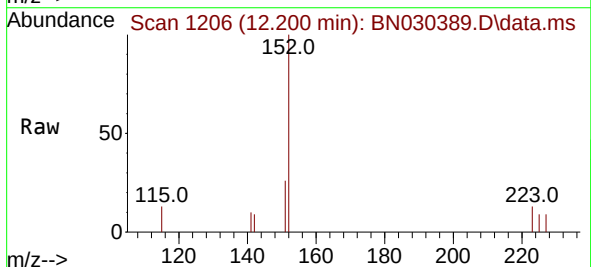
Instrument :
 BNA_N
 ClientSampleId :
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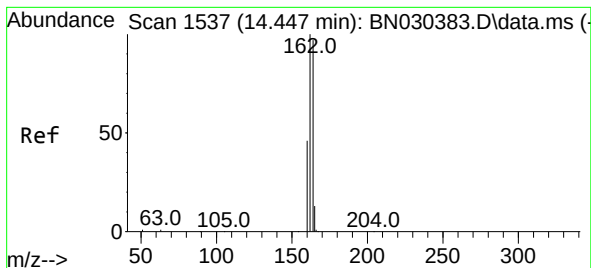
Tgt Ion:	82	Resp:	898
Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.2	52.8
54	59.7	41.5	62.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.308 ng
 RT: 12.200 min Scan# 1206
 Delta R.T. 0.015 min
 Lab File: BN030389.D
 Acq: 13 Mar 2024 19:23

Tgt Ion:	152	Resp:	1637
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.447 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BN030389.D

Acq: 13 Mar 2024 19:23

Instrument :

BNA_N

ClientSampleId :

PB159550BL

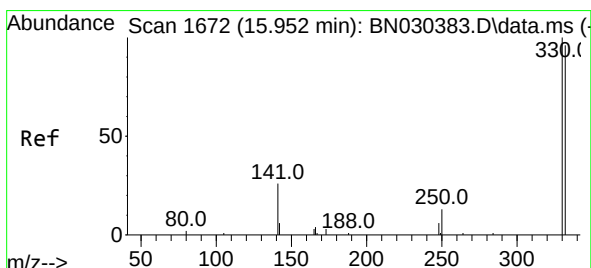
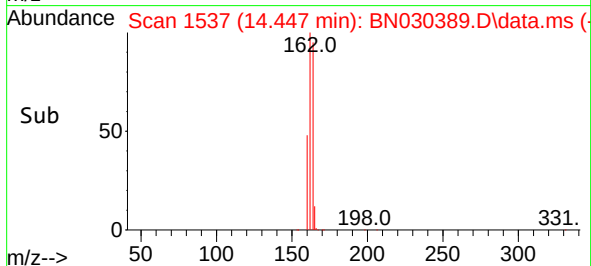
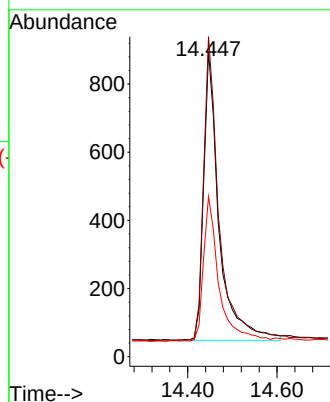
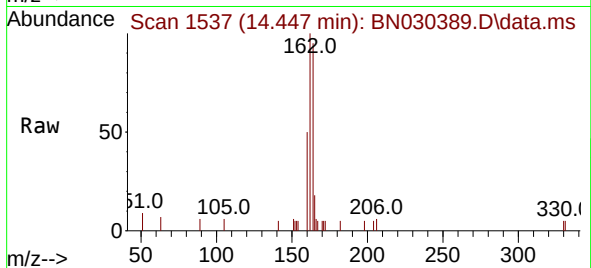
Tgt Ion:164 Resp: 2027

Ion Ratio Lower Upper

164 100

162 105.0 82.6 124.0

160 52.6 39.5 59.3



#14

2,4,6-Tribromophenol

Concen: 0.225 ng

RT: 15.964 min Scan# 1673

Delta R.T. 0.012 min

Lab File: BN030389.D

Acq: 13 Mar 2024 19:23

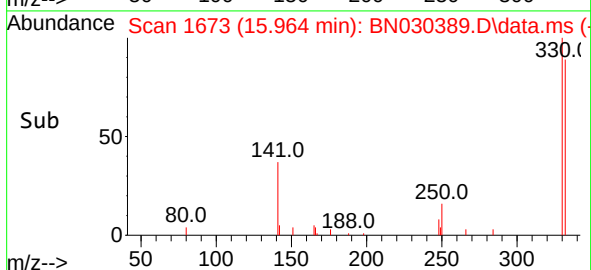
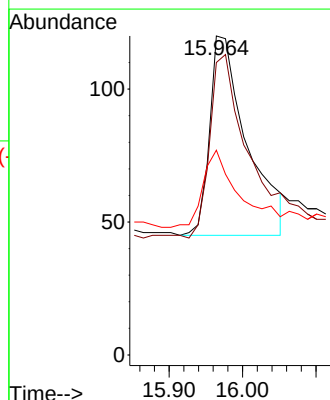
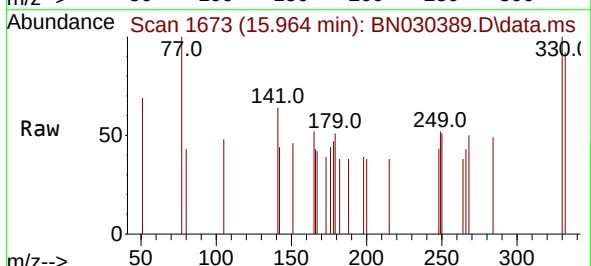
Tgt Ion:330 Resp: 266

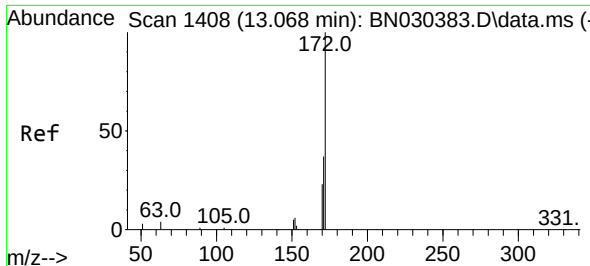
Ion Ratio Lower Upper

330 100

332 85.3 77.2 115.8

141 37.2 31.4 47.2

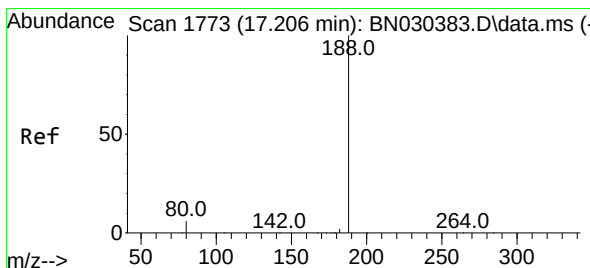
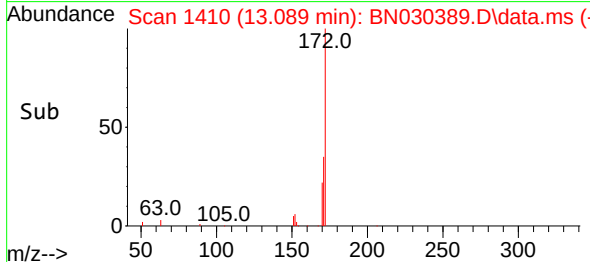
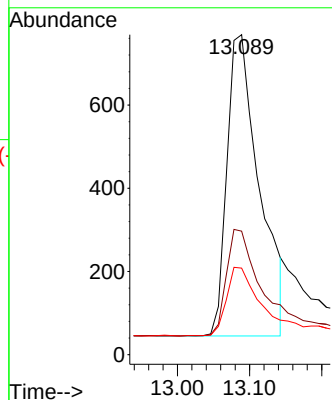
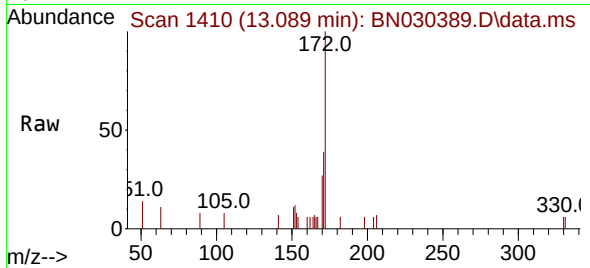




#15
2-Fluorobiphenyl
Concen: 0.277 ng
RT: 13.089 min Scan# 1408
Delta R.T. 0.021 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

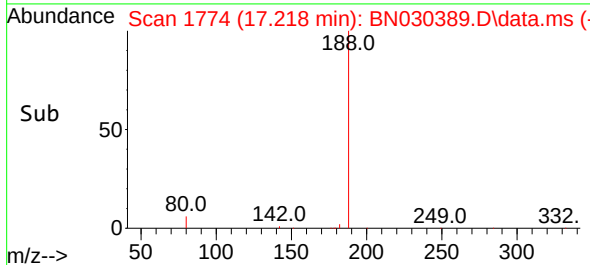
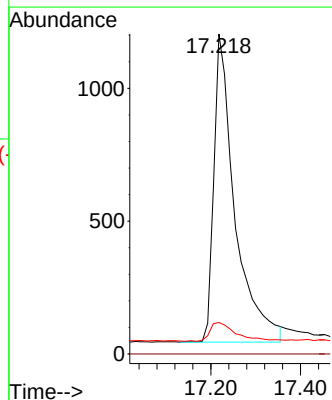
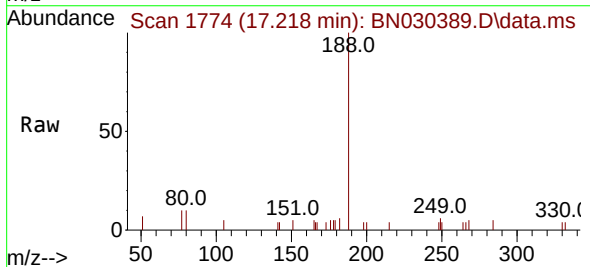
Instrument :
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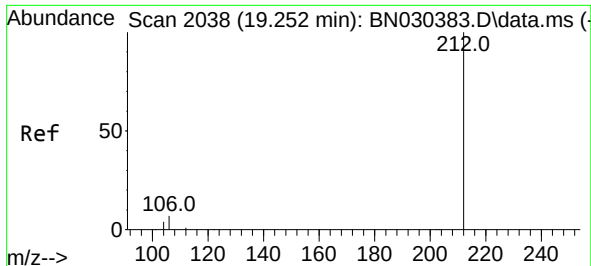
Tgt Ion:172	Resp:	2262
Ion Ratio	Lower	Upper
172	100	
171	38.6	31.0 46.6
170	27.0	20.6 31.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 1774
Delta R.T. 0.012 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

Tgt Ion:188	Resp:	3761
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.9	6.4 9.6

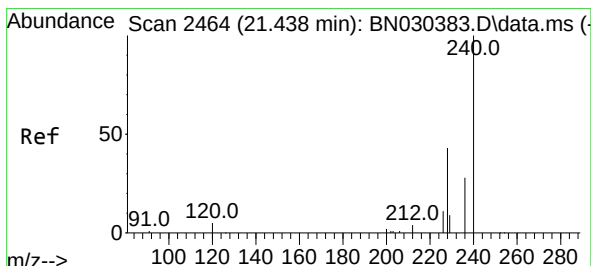
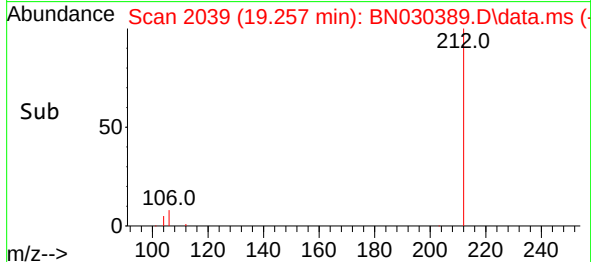
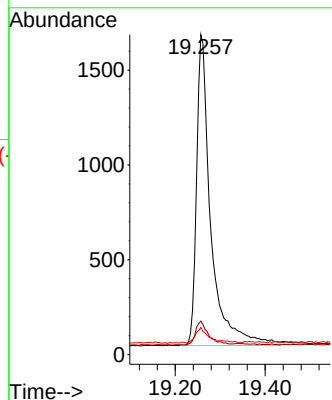
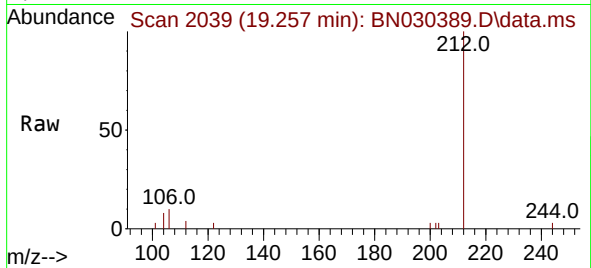




#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.257 min Scan# 2039
Delta R.T. 0.005 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

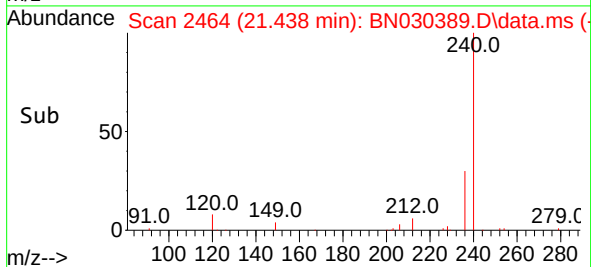
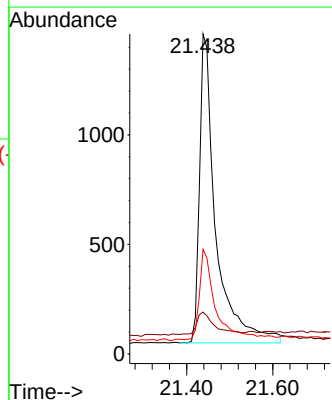
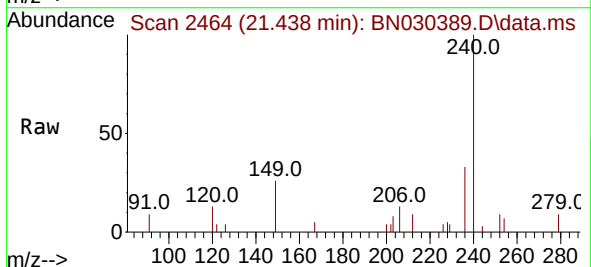
Instrument :
BNA_N
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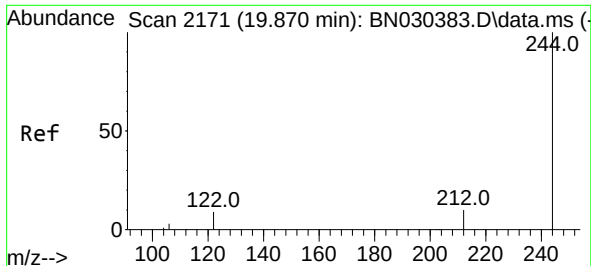
Tgt Ion:212 Resp: 3618
Ion Ratio Lower Upper
212 100
106 7.1 6.0 9.0
104 4.0 3.4 5.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.438 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

Tgt Ion:240 Resp: 3722
Ion Ratio Lower Upper
240 100
120 13.1 6.7 10.1#
236 32.7 23.8 35.8

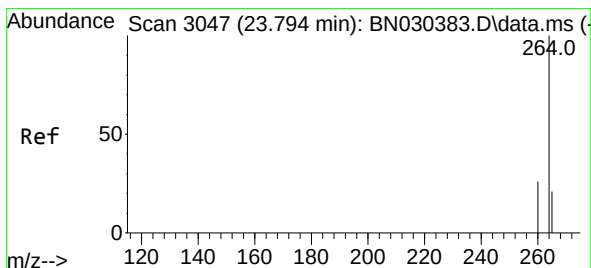
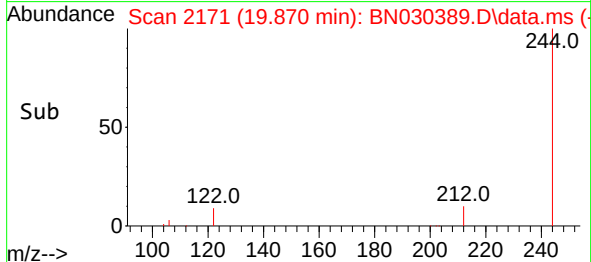
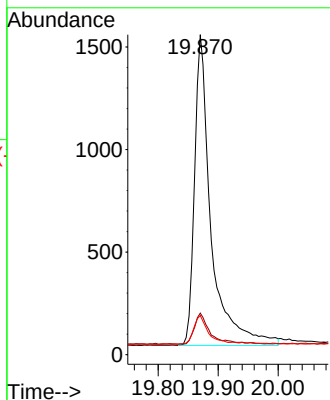
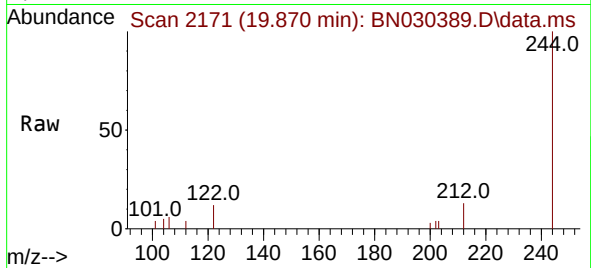




#31
Terphenyl-d14
Concen: 0.344 ng
RT: 19.870 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

Instrument :
BNA_N
ClientSampleId :
PB159550BL

Tgt Ion:244 Resp: 2905
Ion Ratio Lower Upper
244 100
212 13.0 9.8 14.6
122 12.2 8.6 12.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.797 min Scan# 3048
Delta R.T. 0.003 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

Tgt Ion:264 Resp: 1
Ion Ratio Lower Upper
264 100
260 90.2 21.8 32.8#
265 605.9 50.6 75.8#

