

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)

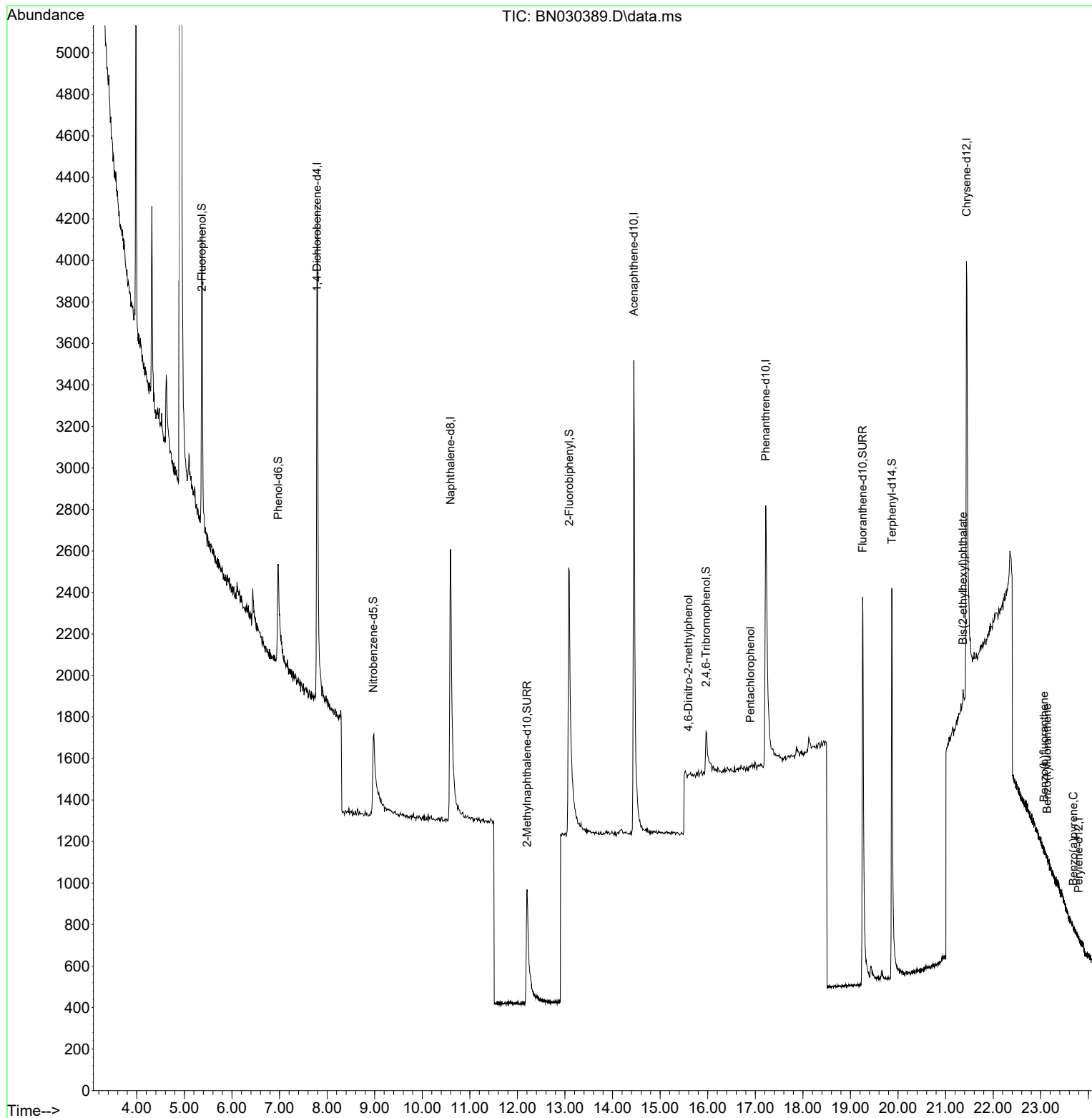
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	1582	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	3422	0.400	ng	# 0.01
13) Acenaphthene-d10	14.447	164	2027	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	3761	0.400	ng	# 0.01
29) Chrysene-d12	21.438	240	3722	0.400	ng	# 0.00
35) Perylene-d12	23.797	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						
20) 4,6-Dinitro-2-methylph...	15.592	198	6	0.211	ng	# 47
24) Pentachlorophenol	16.895	266	39	0.028	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.366	149	156	0.024	ng	# 75
37) Benzo(b)fluoranthene	23.069	252	5	1.533	ng	# 1
38) Benzo(k)fluoranthene	23.130	252	2	0.606	ng	# 1
39) Benzo(a)pyrene	23.689	252	4	1.321	ng	# 1

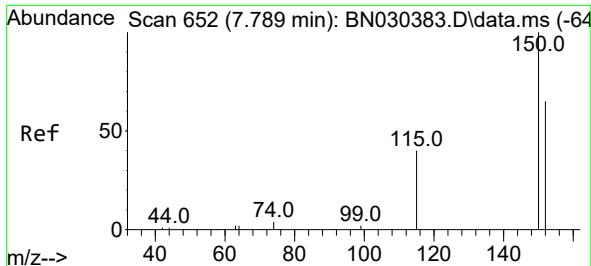
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031324\
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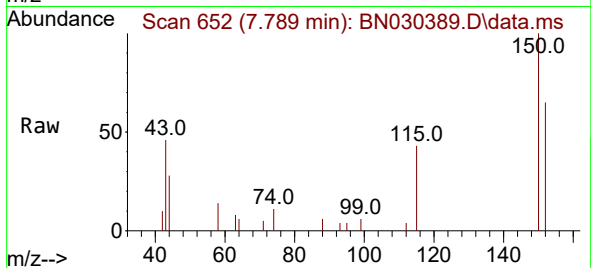
Quant Time: Mar 14 03:53:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
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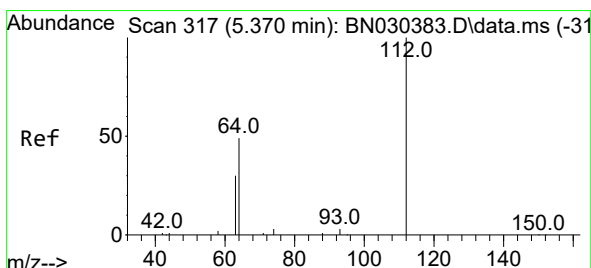
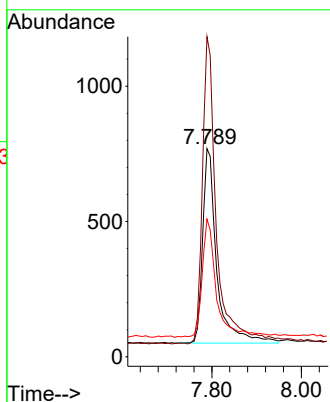
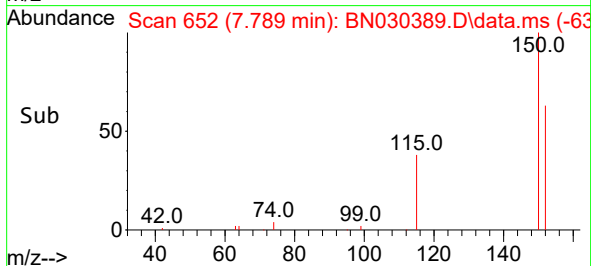


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

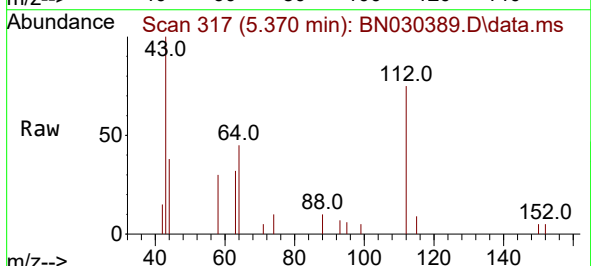
Instrument :
BNA_N
ClientSampleId :
PB159550BL



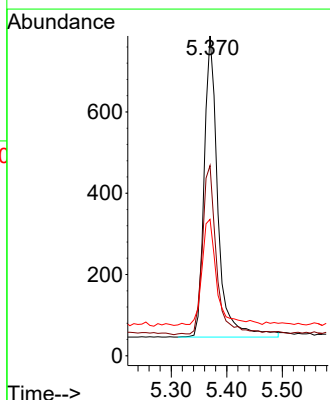
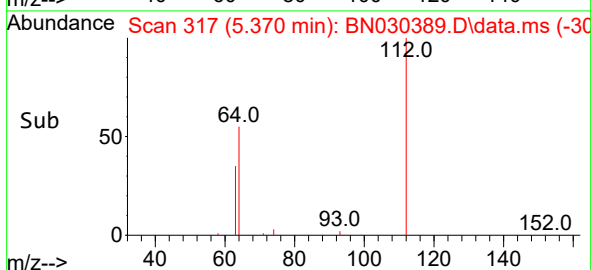
Tgt Ion:152 Resp: 1582
Ion Ratio Lower Upper
152 100
150 153.8 120.4 180.6
115 66.2 52.8 79.2

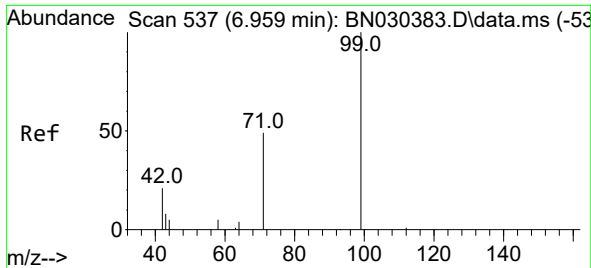


#4
2-Fluorophenol
Concen: 0.311 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23



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

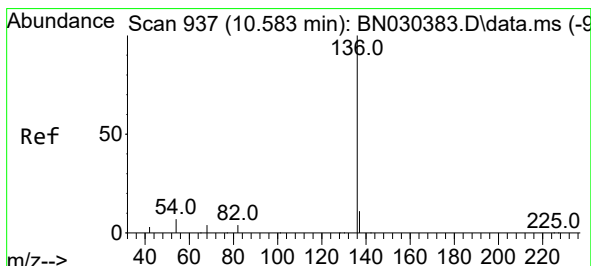
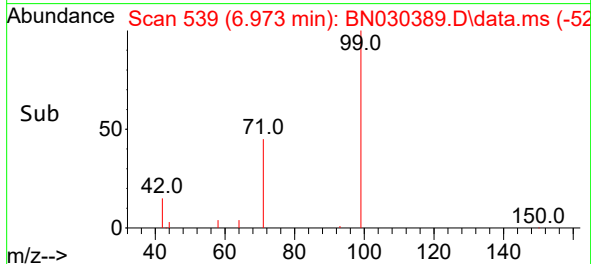
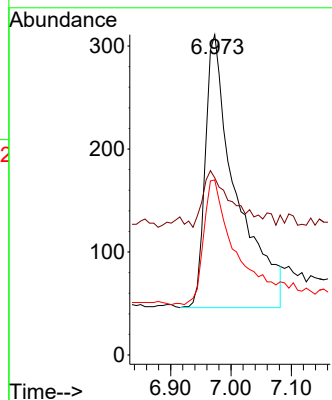
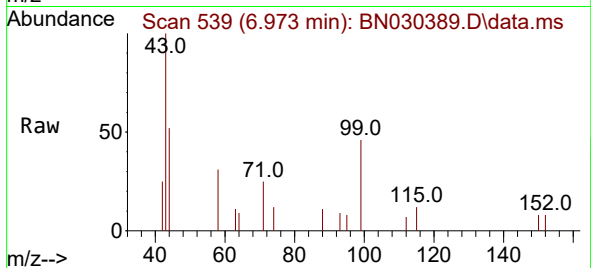




#5
Phenol-d6
Concen: 0.233 ng
RT: 6.973 min Scan# 51
Delta R.T. 0.014 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

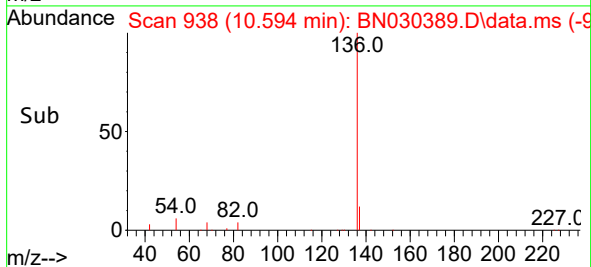
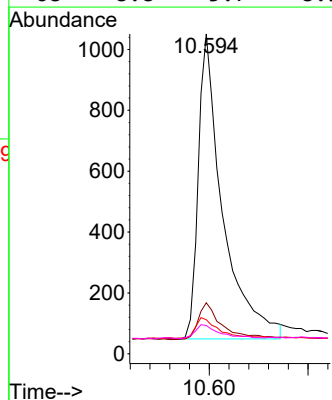
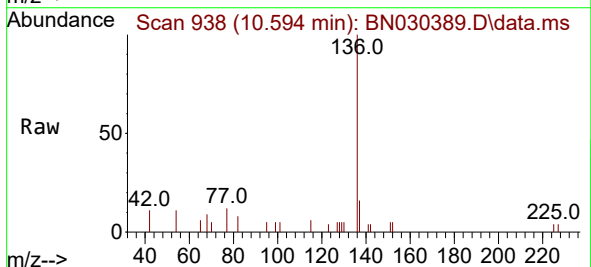
Instrument :
BNA_N
ClientSampleId :
PB159550BL

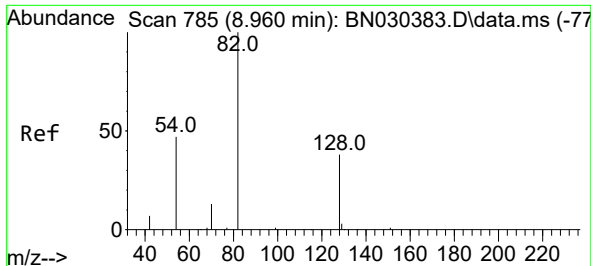
Tgt Ion:	99	Resp:	937
Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.0	25.6
71	47.5	37.0	55.6



#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

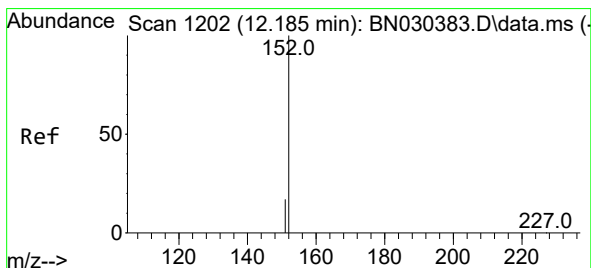
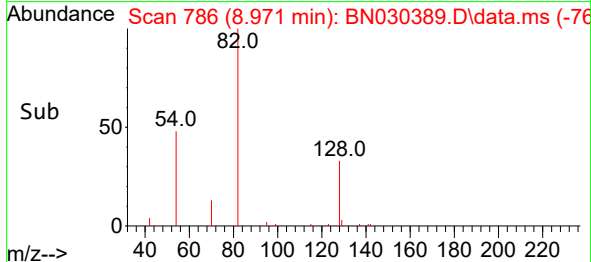
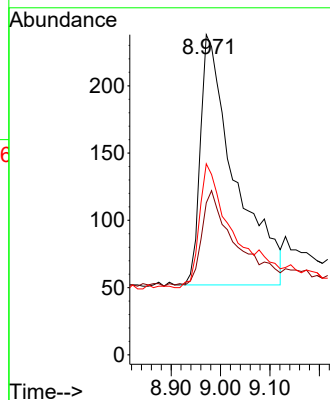
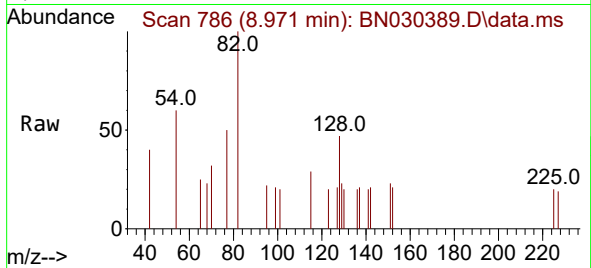




#8
 Nitrobenzene-d5
 Concen: 0.286 ng
 RT: 8.971 min Scan# 71
 Delta R.T. 0.011 min
 Lab File: BN030389.D
 Acq: 13 Mar 2024 19:23

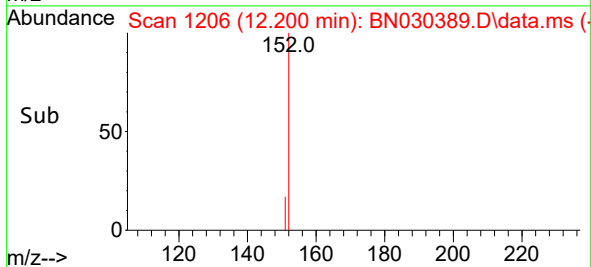
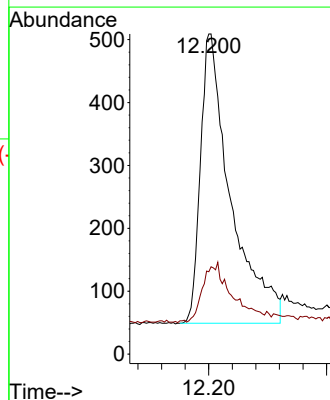
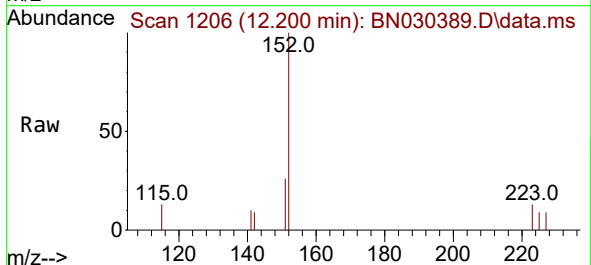
Instrument :
 BNA_N
 ClientSampleId :
 PB159550BL

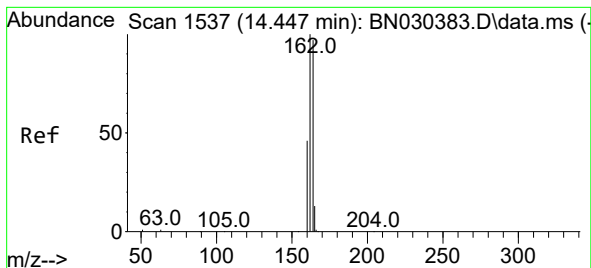
Tgt Ion:	82	Resp:	898
Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.2	52.8
54	59.7	41.5	62.3



#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# 11

Delta R.T. -0.000 min

Lab File: BN030389.D

Acq: 13 Mar 2024 19:23

Instrument :

BNA_N

ClientSampleId :

PB159550BL

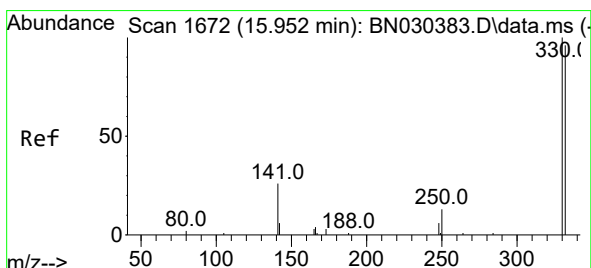
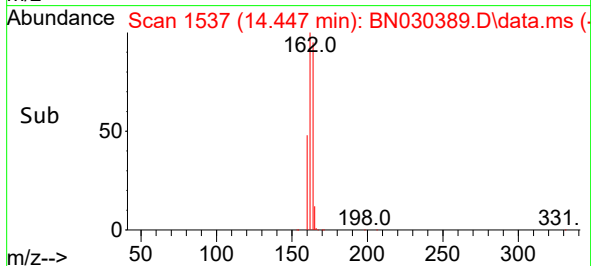
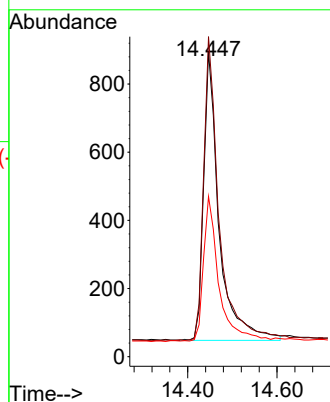
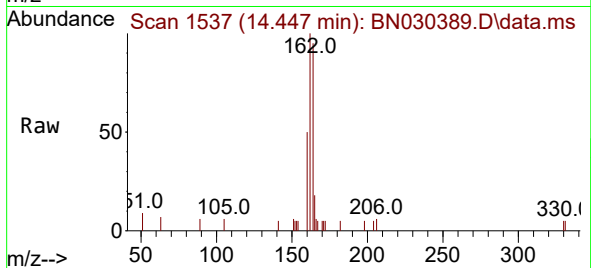
Tgt Ion:164 Resp: 2027

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

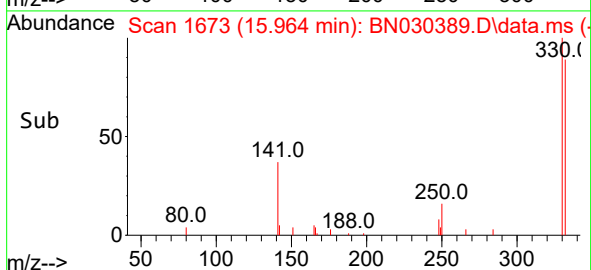
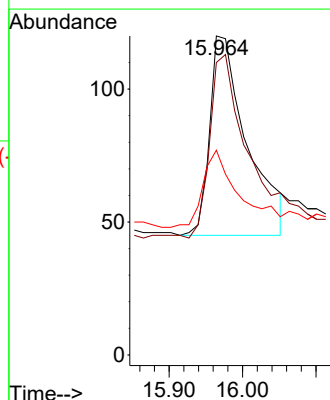
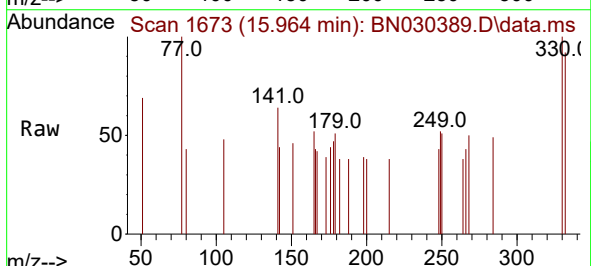
Tgt Ion:330 Resp: 266

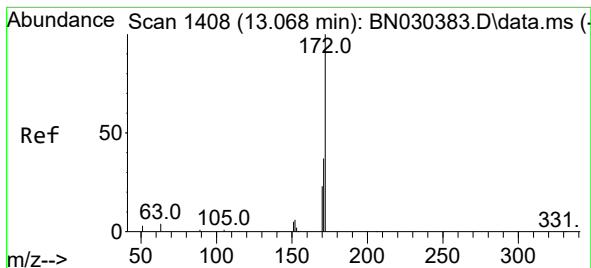
Ion Ratio Lower Upper

330 100

332 85.3 77.2 115.8

141 37.2 31.4 47.2

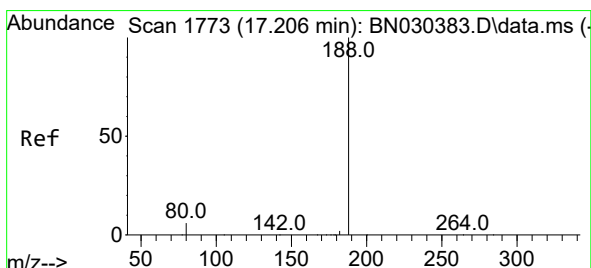
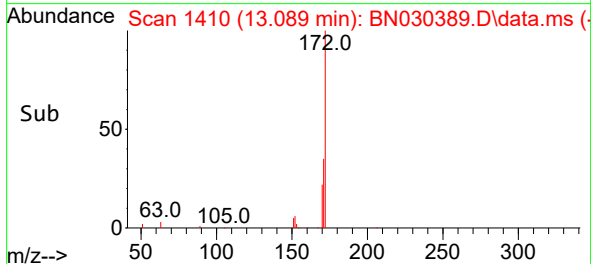
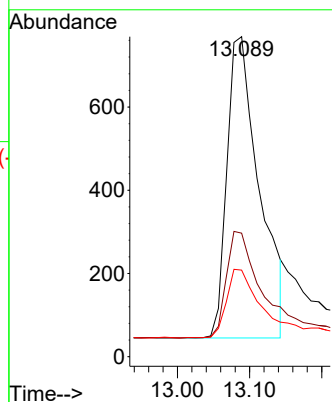
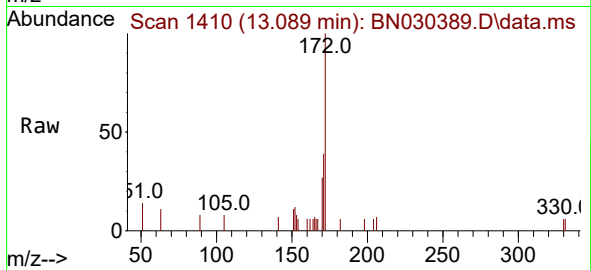




#15
2-Fluorobiphenyl
Concen: 0.277 ng
RT: 13.089 min Scan# 1408
Delta R.T. 0.021 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

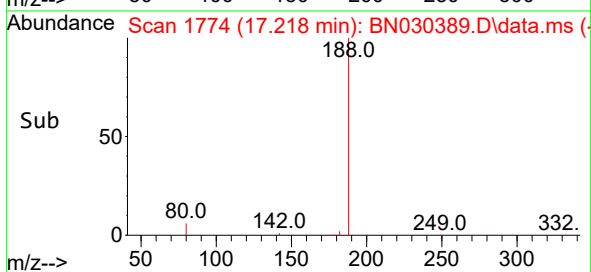
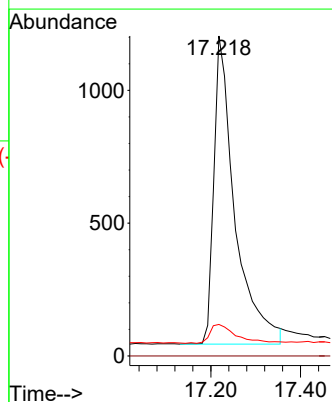
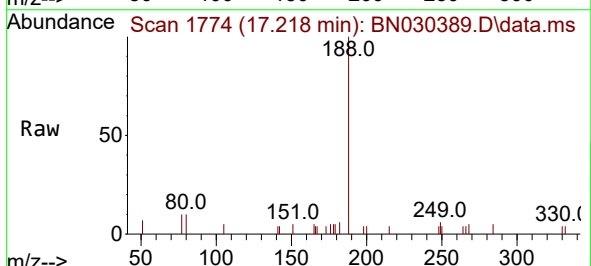
Instrument :
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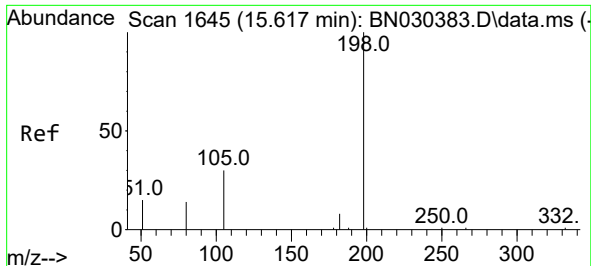
Tgt Ion:172 Resp: 2262
Ion Ratio Lower Upper
172 100
171 38.6 31.0 46.6
170 27.0 20.6 31.0



#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#

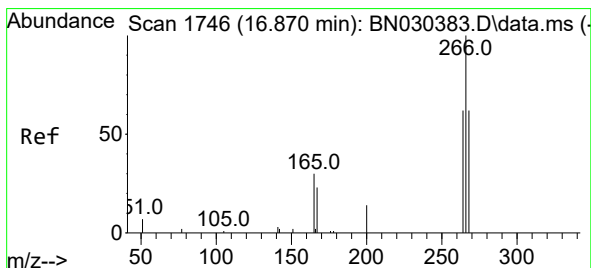
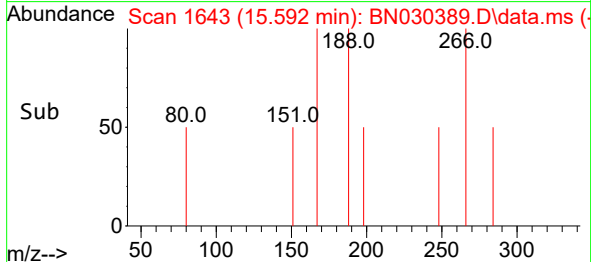
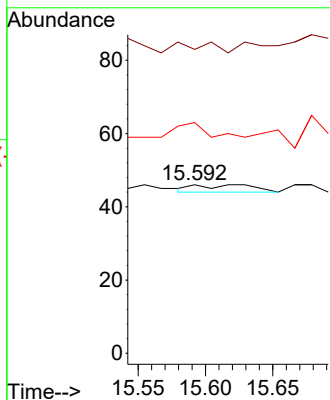
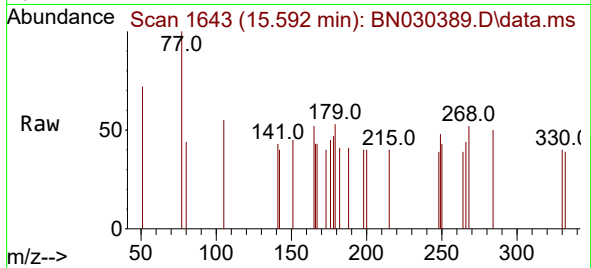




#20
4,6-Dinitro-2-methylphenol
Concen: 0.211 ng
RT: 15.592 min Scan# 1643
Delta R.T. -0.025 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

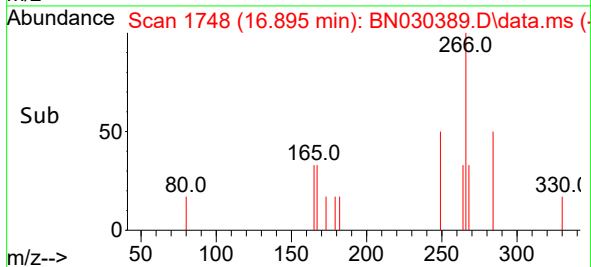
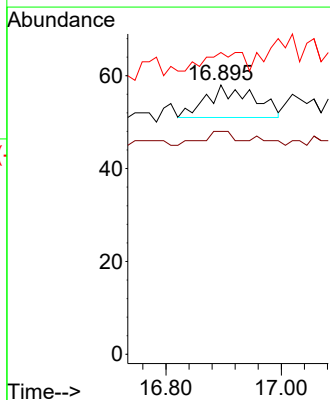
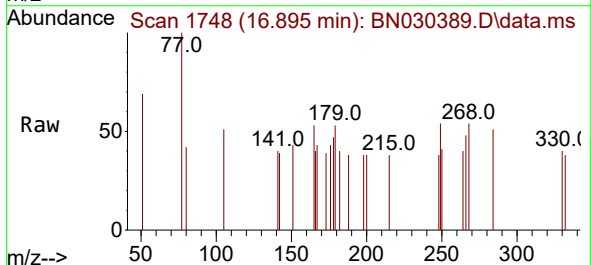
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BNA_N
ClientSampleId :
PB159550BL

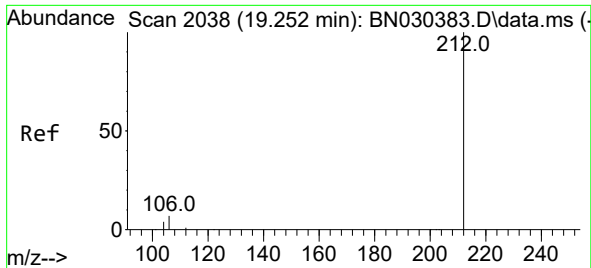
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 180.4 110.8 166.2#
105 137.0 51.7 77.5#



#24
Pentachlorophenol
Concen: 0.028 ng
RT: 16.895 min Scan# 1748
Delta R.T. 0.025 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

Tgt Ion:266 Resp: 39
Ion Ratio Lower Upper
266 100
264 28.2 50.9 76.3#
268 46.2 54.2 81.4#

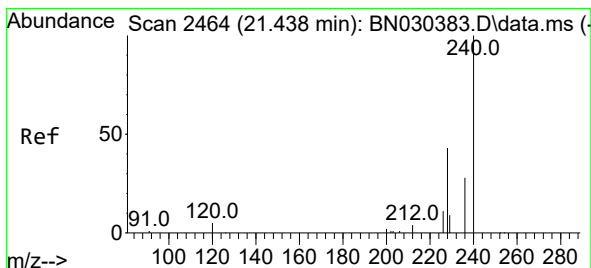
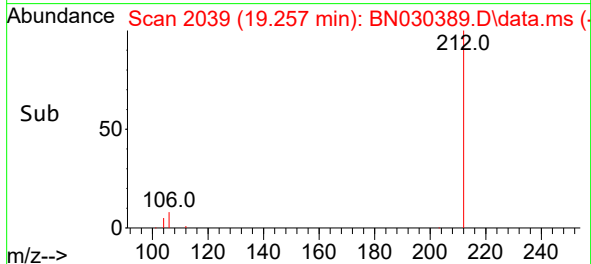
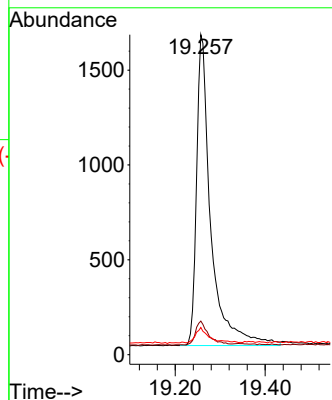
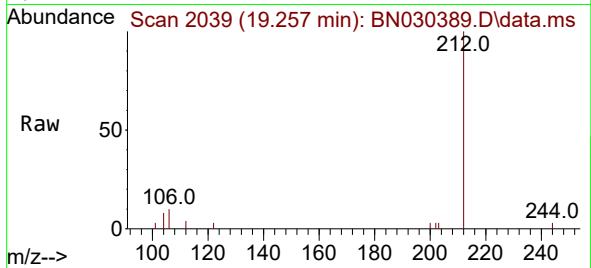




#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.257 min Scan# 2039
Delta R.T. 0.005 min
Lab File: BN030389.D
Acq: 13 Mar 2024 19:23

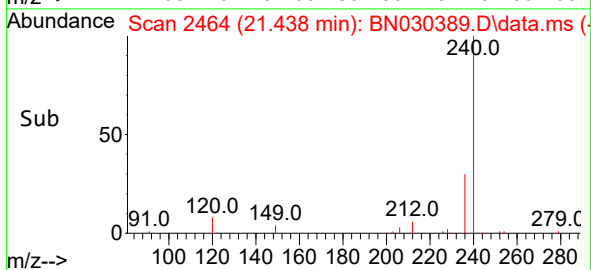
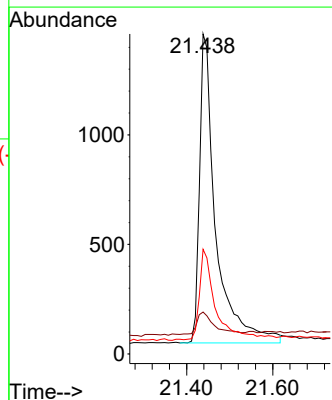
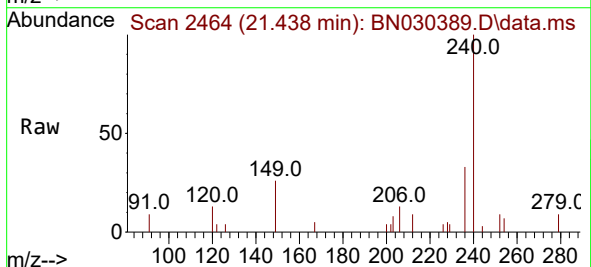
Instrument :
BNA_N
ClientSampleId :
PB159550BL

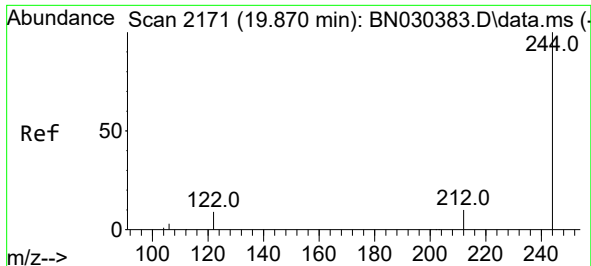
Tgt Ion:212 Resp: 3618
Ion Ratio Lower Upper
212 100
106 7.1 6.0 9.0
104 4.0 3.4 5.0



#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

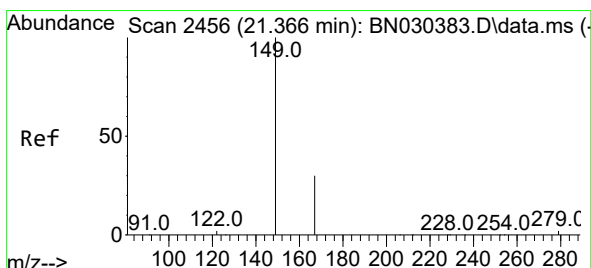
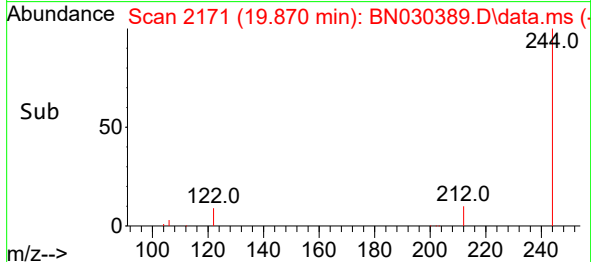
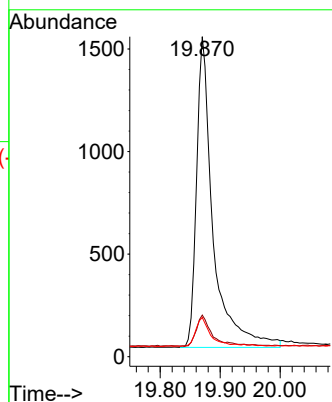
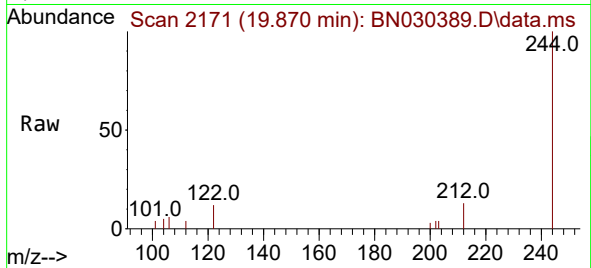




#31
 Terphenyl-d14
 Concen: 0.344 ng
 RT: 19.870 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: BN030389.D
 Acq: 13 Mar 2024 19:23

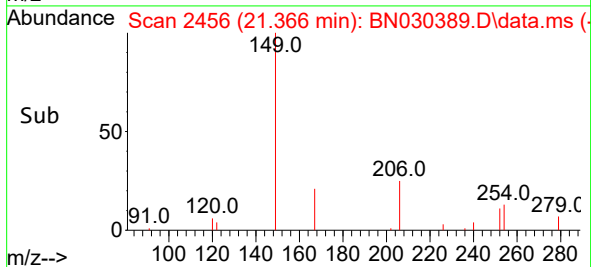
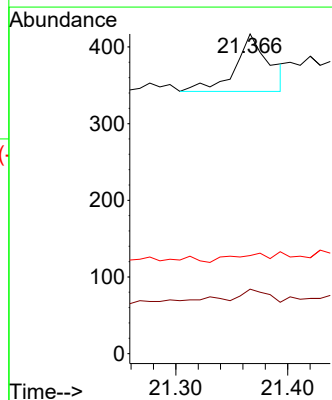
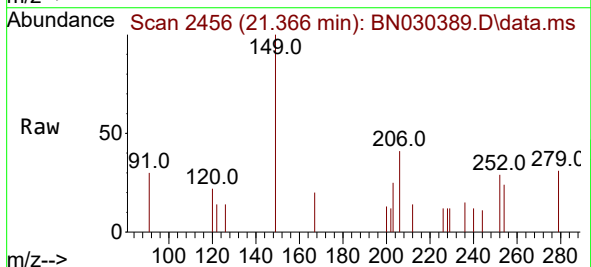
Instrument :
 BNA_N
 ClientSampleId :
 PB159550BL

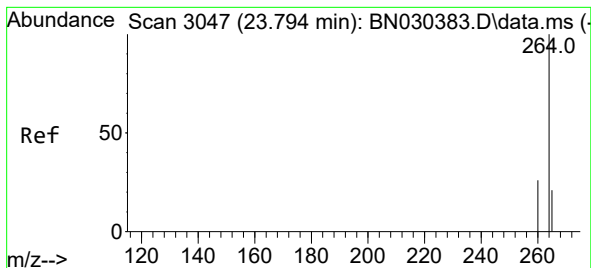
Tgt Ion:	244	Resp:	2905
Ion Ratio	Lower	Upper	
244	100		
212	13.0	9.8	14.6
122	12.2	8.6	12.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.024 ng
 RT: 21.366 min Scan# 2456
 Delta R.T. -0.000 min
 Lab File: BN030389.D
 Acq: 13 Mar 2024 19:23

Tgt Ion:	149	Resp:	156
Ion Ratio	Lower	Upper	
149	100		
167	16.7	23.8	35.6#
279	16.7	5.1	7.7#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.797 min Scan# 3048

Delta R.T. 0.003 min

Lab File: BN030389.D

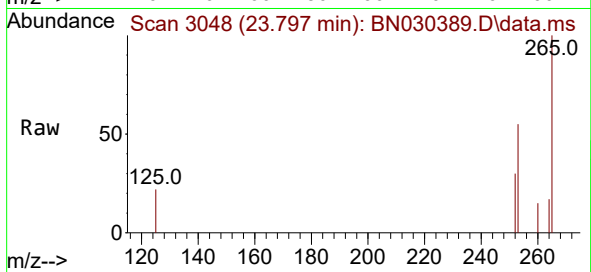
Acq: 13 Mar 2024 19:23

Instrument :

BNA_N

ClientSampleId :

PB159550BL



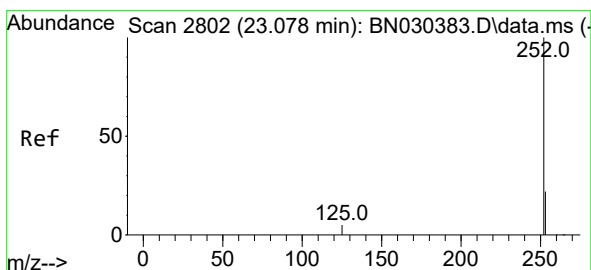
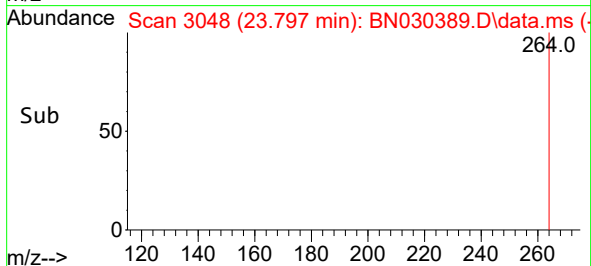
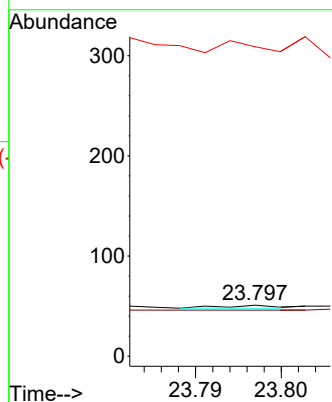
Tgt Ion:264 Resp: 1

Ion	Ratio	Lower	Upper
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264	100		
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260	90.2	21.8	32.8#
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265	605.9	50.6	75.8#
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#37

Benzo(b)fluoranthene

Concen: 1.533 ng

RT: 23.069 min Scan# 2799

Delta R.T. -0.009 min

Lab File: BN030389.D

Acq: 13 Mar 2024 19:23

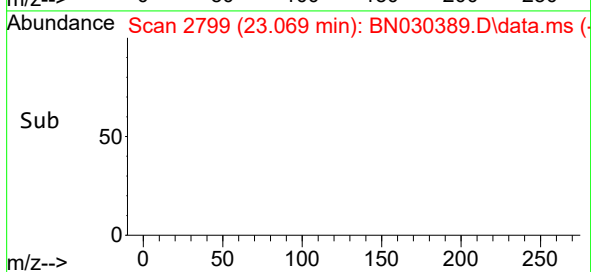
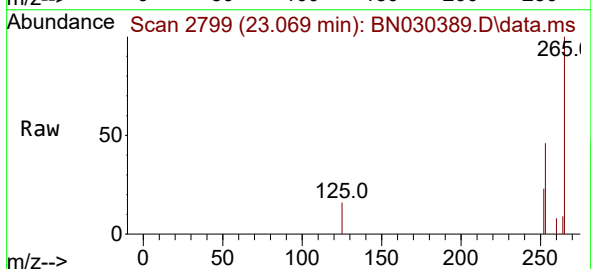
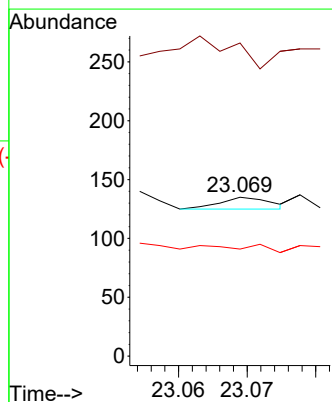
Tgt Ion:252 Resp: 5

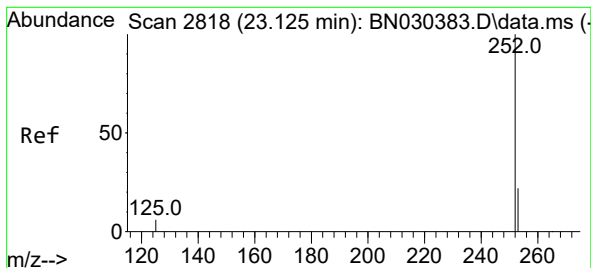
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

252	100		
-----	-----	--	--

253	197.0	26.7	40.1#
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125	67.4	6.8	10.2#
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#38

Benzo(k)fluoranthene

Concen: 0.606 ng

RT: 23.130 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN030389.D

Acq: 13 Mar 2024 19:23

Instrument :

BN_A_N

ClientSampleId :

PB159550BL

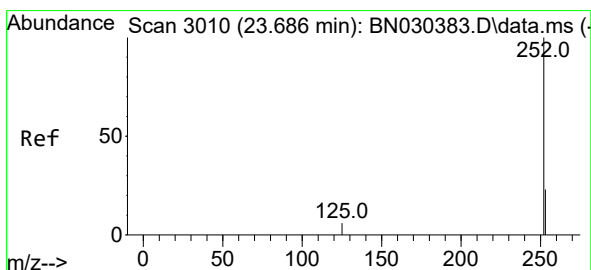
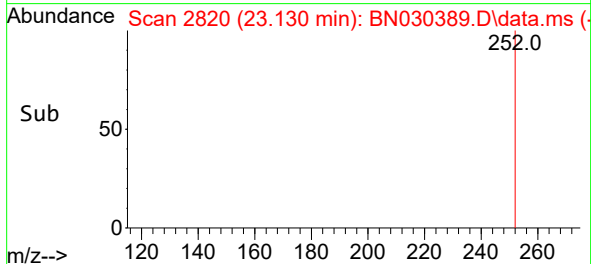
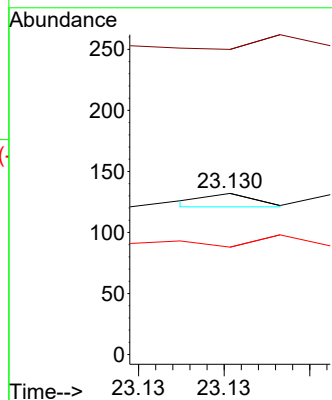
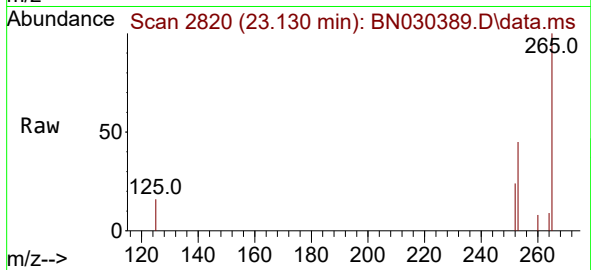
Tgt Ion:252 Resp: 2

Ion Ratio Lower Upper

252 100

253 189.4 26.6 39.8#

125 66.7 7.2 10.8#



#39

Benzo(a)pyrene

Concen: 1.321 ng

RT: 23.689 min Scan# 3011

Delta R.T. 0.003 min

Lab File: BN030389.D

Acq: 13 Mar 2024 19:23

Tgt Ion:252 Resp: 4

Ion Ratio Lower Upper

252 100

253 162.1 31.5 47.3#

125 70.9 8.6 12.8#

