

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
 Data File : BN028922.D
 Acq On : 30 Nov 2023 22:47
 Operator : MA/JU
 Sample : 05349-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW5-3-20231108

Quant Time: Dec 01 00:30:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:28:34 2023
 Response via : Initial Calibration

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

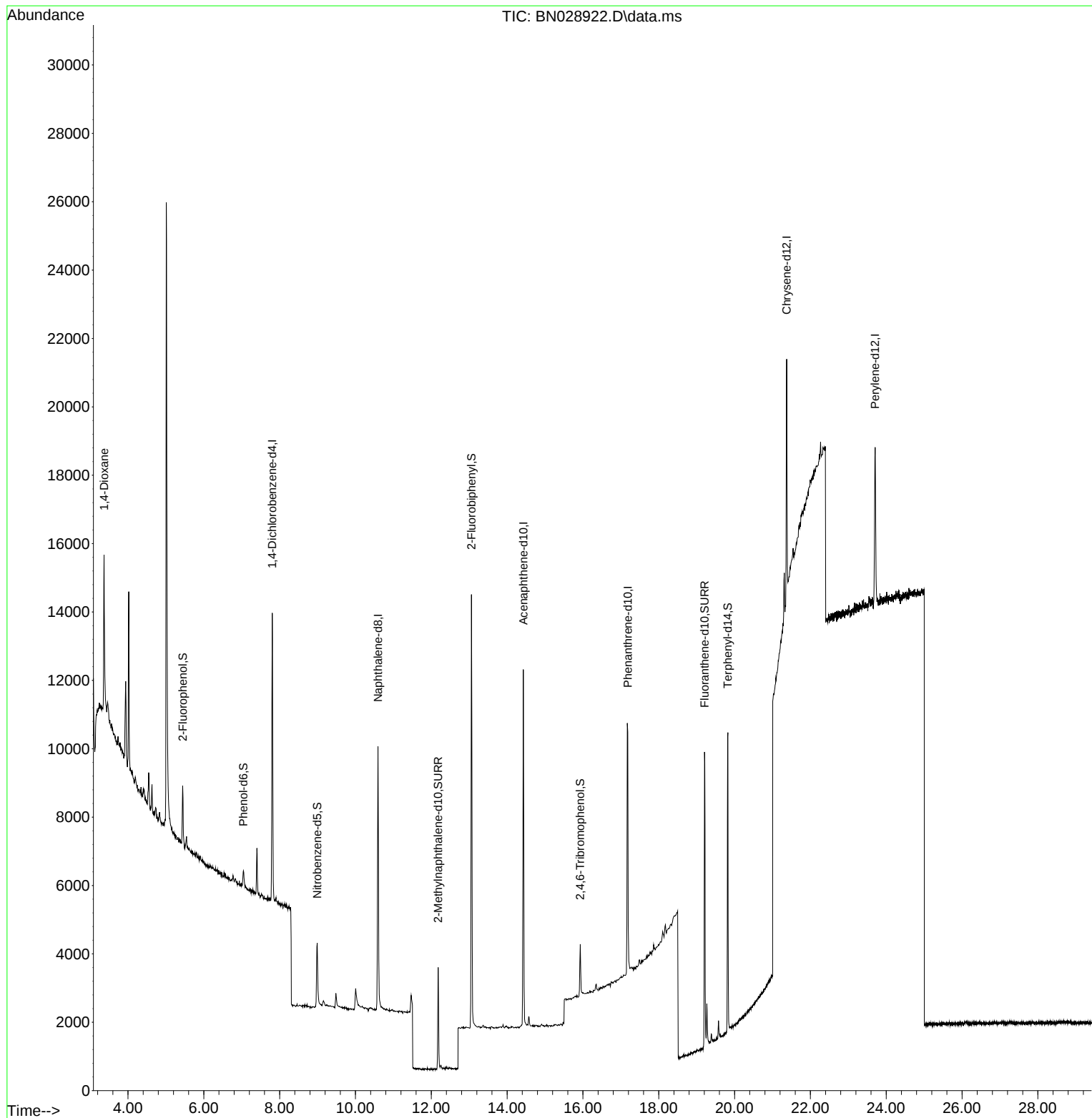
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	4243	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	10395	0.400	ng	0.00
13) Acenaphthene-d10	14.428	164	5782	0.400	ng	0.00
19) Phenanthrene-d10	17.184	188	11917	0.400	ng	# 0.00
29) Chrysene-d12	21.374	240	6936	0.400	ng	# 0.00
35) Perylene-d12	23.705	264	6438	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	1313	0.102	ng	0.00
5) Phenol-d6	7.046	99	582	0.041	ng	0.00
8) Nitrobenzene-d5	8.993	82	2140	0.207	ng	0.01
11) 2-Methylnaphthalene-d10	12.182	152	4127	0.247	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	973	0.249	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	10881	0.436	ng	-0.01
27) Fluoranthene-d10	19.209	212	10413	0.332	ng	0.00
31) Terphenyl-d14	19.822	244	8970	0.434	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.370	88	3154	0.759	ng	Qvalue 90

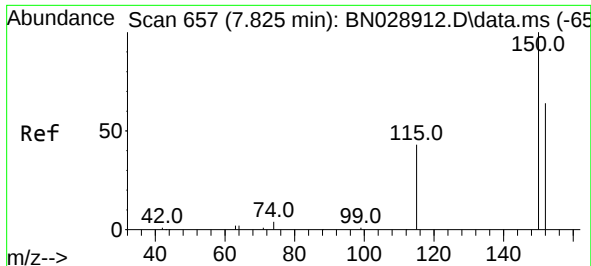
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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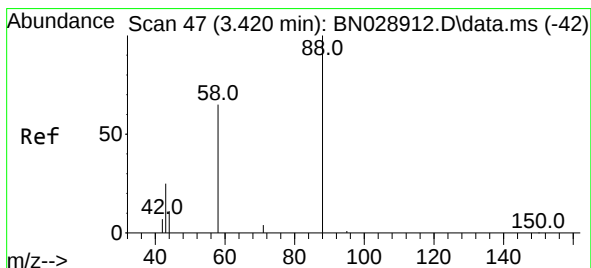
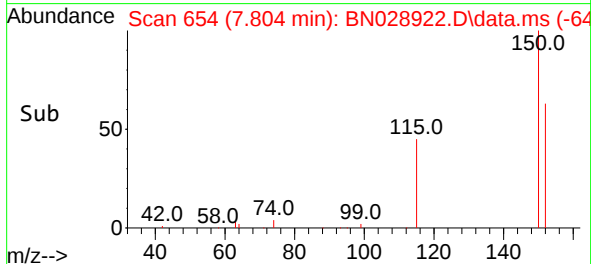
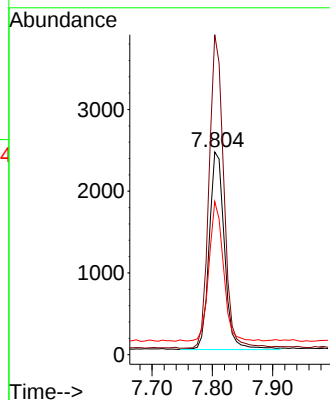
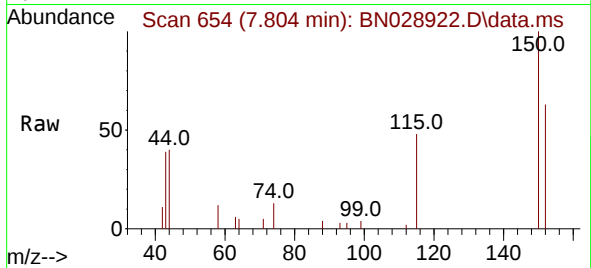




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN028922.D
 Acq: 30 Nov 2023 22:47

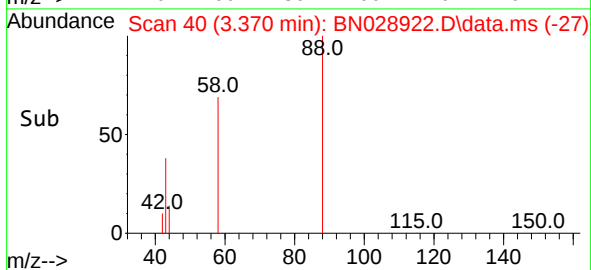
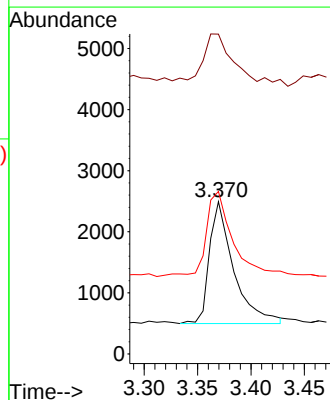
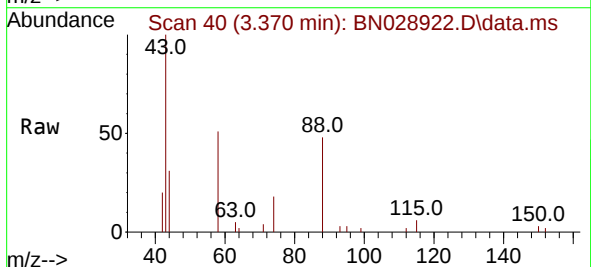
Instrument :
 BNA_N
 ClientSampleId :
 BPOW5-3-20231108

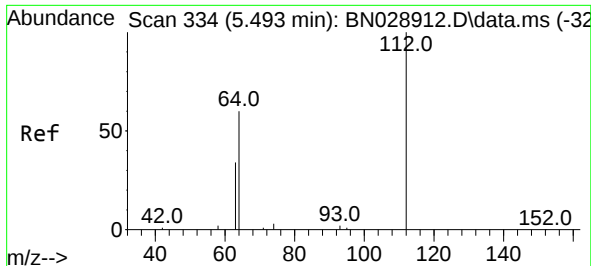
Tgt Ion:152 Resp: 4243
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.4 185.2
 115 75.6 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.759 ng
 RT: 3.370 min Scan# 40
 Delta R.T. -0.007 min
 Lab File: BN028922.D
 Acq: 30 Nov 2023 22:47

Tgt Ion: 88 Resp: 3154
 Ion Ratio Lower Upper
 88 100
 43 44.6 29.9 44.9
 58 76.3 55.0 82.4

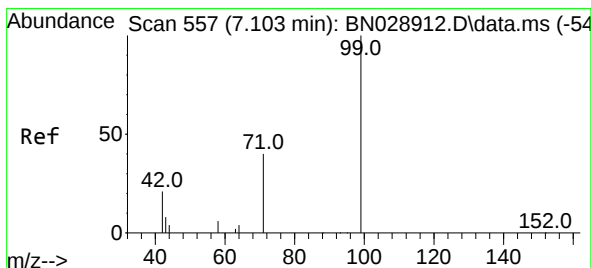
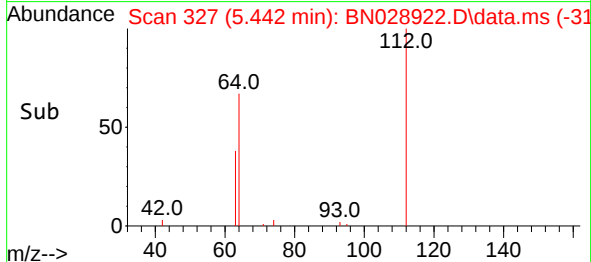
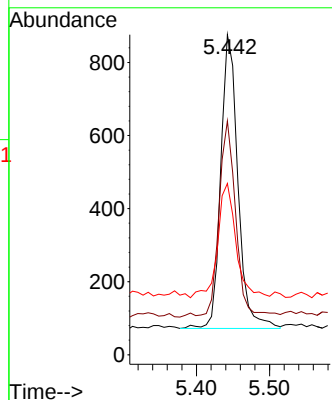
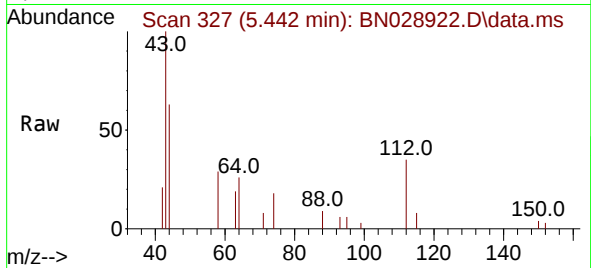




#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.442 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN028922.D
Acq: 30 Nov 2023 22:47

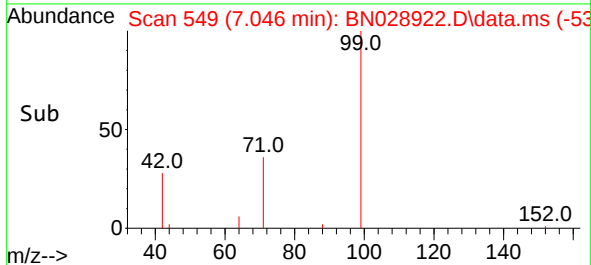
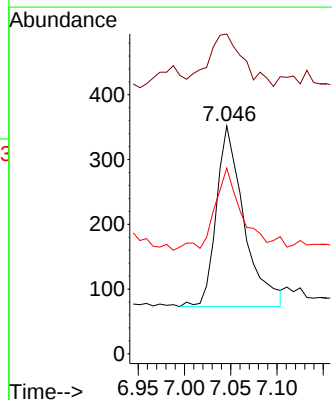
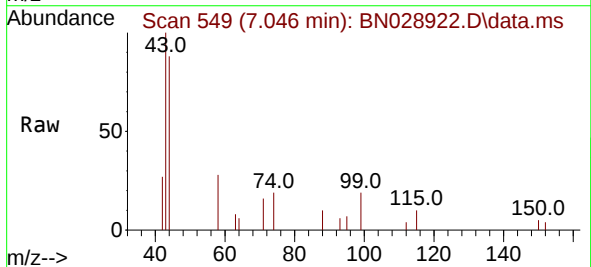
Instrument :
BNA_N
ClientSampleId :
BPOW5-3-20231108

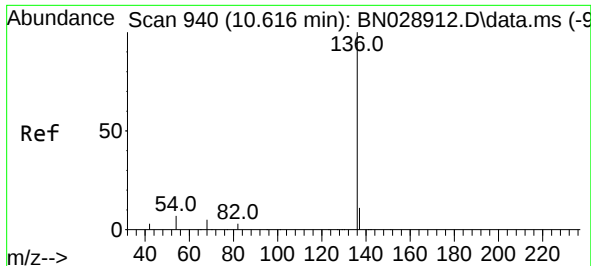
Tgt Ion:112 Resp: 1313
Ion Ratio Lower Upper
112 100
64 63.2 51.5 77.3
63 41.4 30.4 45.6



#5
Phenol-d6
Concen: 0.041 ng
RT: 7.046 min Scan# 549
Delta R.T. 0.000 min
Lab File: BN028922.D
Acq: 30 Nov 2023 22:47

Tgt Ion: 99 Resp: 582
Ion Ratio Lower Upper
99 100
42 36.4 21.2 31.8#
71 47.6 35.4 53.0

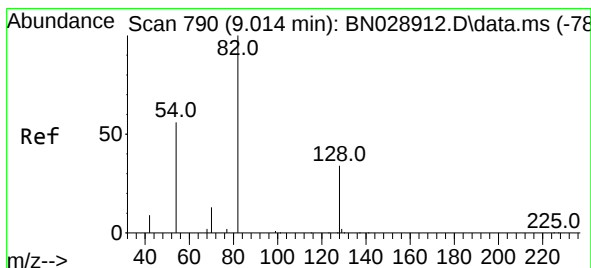
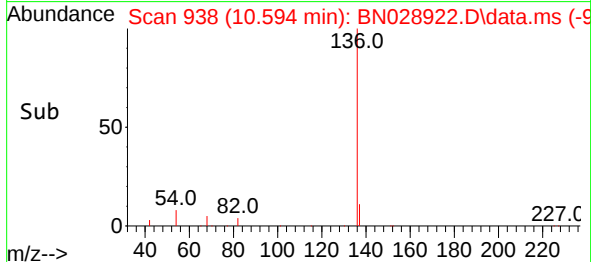
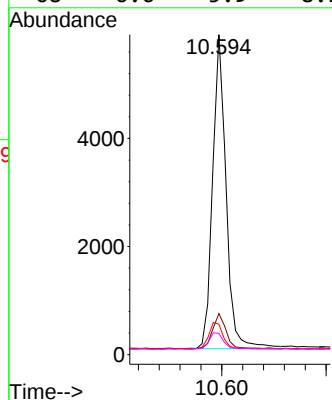
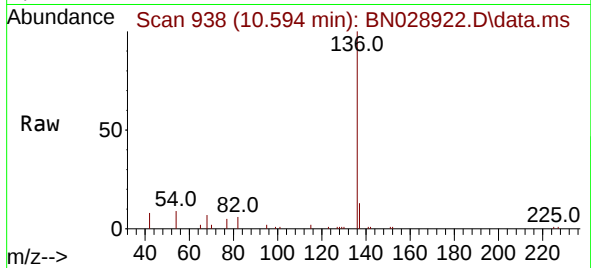




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028922.D
Acq: 30 Nov 2023 22:47

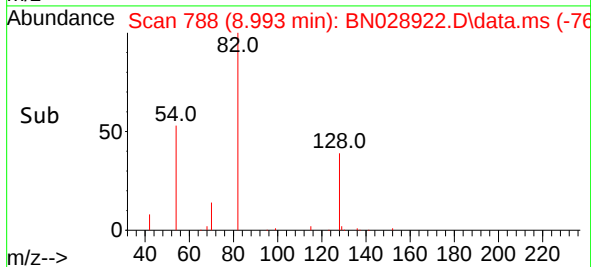
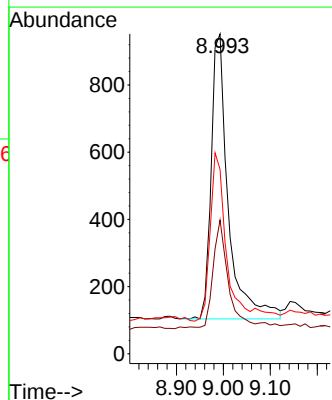
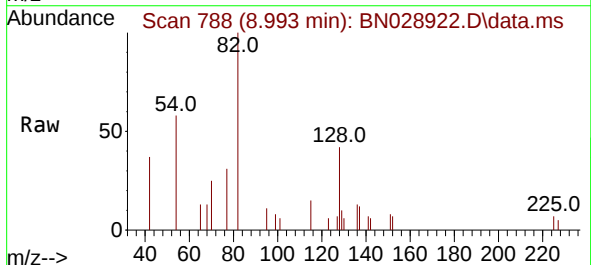
Instrument :
BNA_N
ClientSampleId :
BPOW5-3-20231108

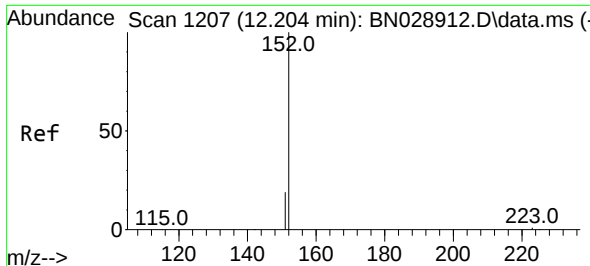
Tgt Ion:	136	Resp:	10395
Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.6	16.0
54	9.5	7.5	11.3
68	6.6	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.207 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.011 min
Lab File: BN028922.D
Acq: 30 Nov 2023 22:47

Tgt Ion:	82	Resp:	2140
Ion	Ratio	Lower	Upper
82	100		
128	41.8	29.2	43.8
54	57.7	47.0	70.6

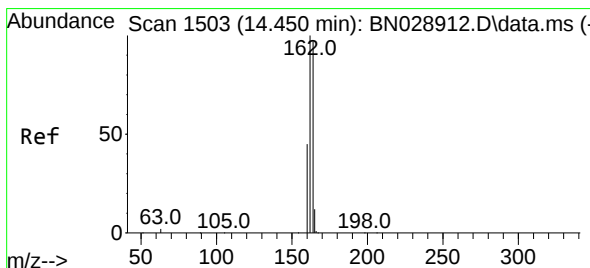
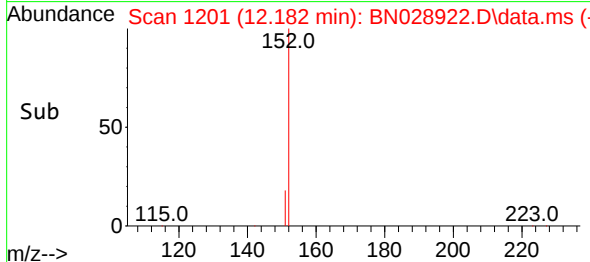
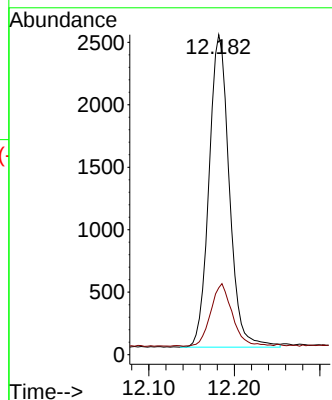
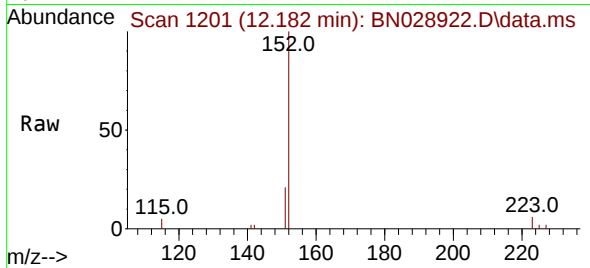




#11
2-Methylnaphthalene-d10
Concen: 0.247 ng
RT: 12.182 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028922.D
Acq: 30 Nov 2023 22:47

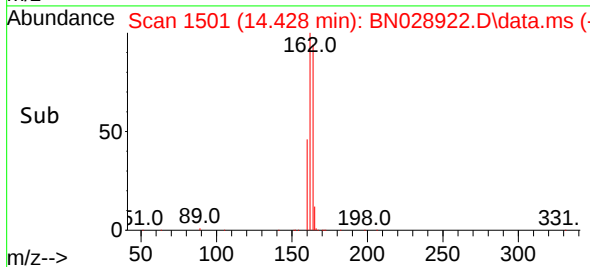
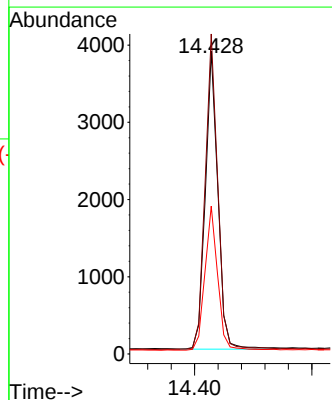
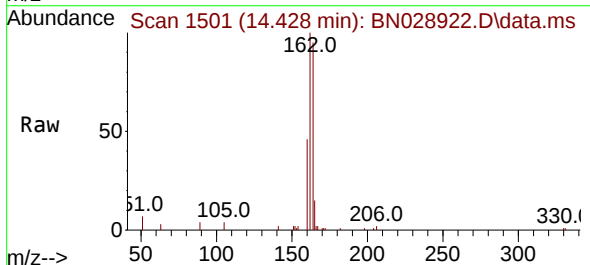
Instrument :
BNA_N
ClientSampleId :
BPOW5-3-20231108

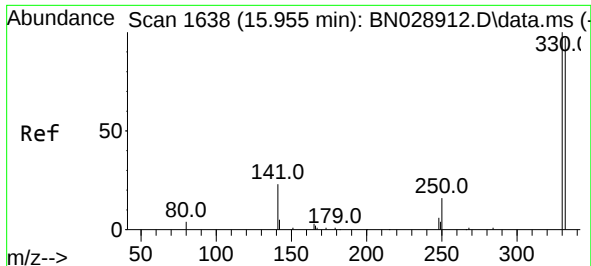
Tgt Ion:152 Resp: 4127
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BN028922.D
Acq: 30 Nov 2023 22:47

Tgt Ion:164 Resp: 5782
Ion Ratio Lower Upper
164 100
162 105.6 81.7 122.5
160 48.8 37.0 55.6

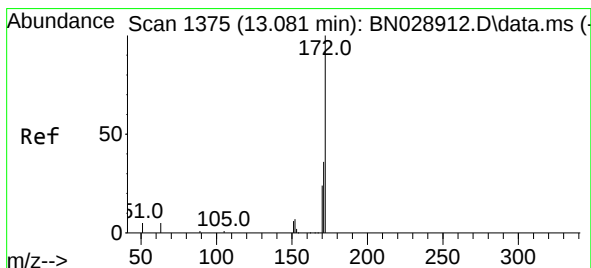
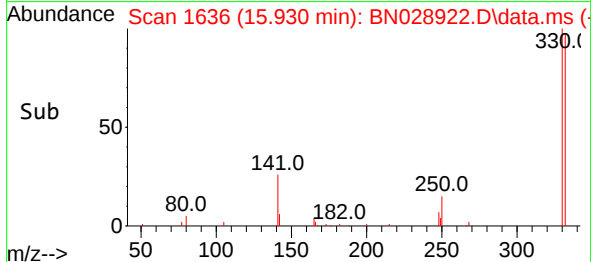
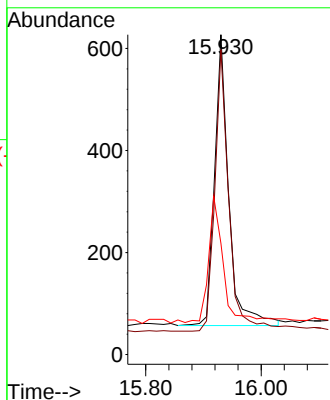
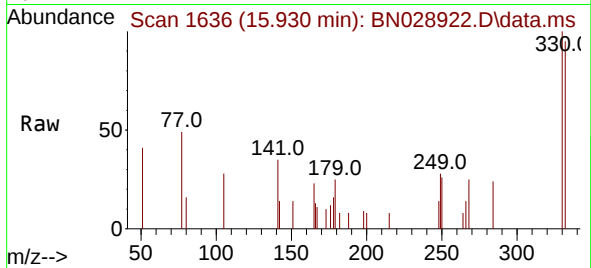




#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.930 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN028922.D
Acq: 30 Nov 2023 22:47

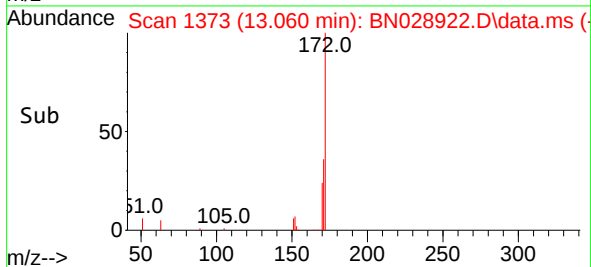
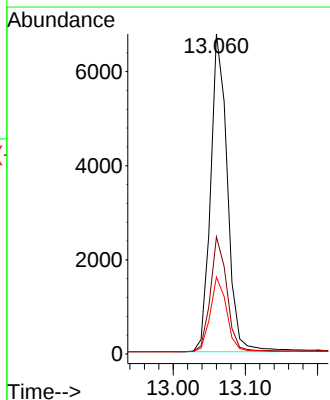
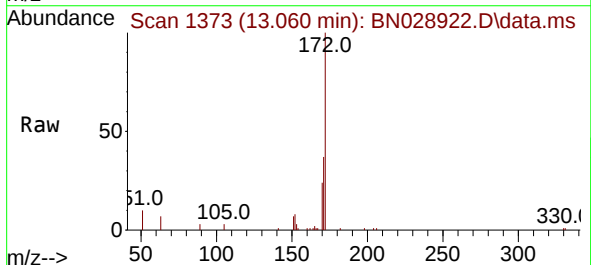
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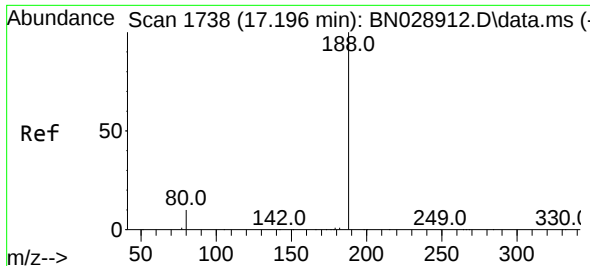
Tgt Ion:330 Resp: 973
Ion Ratio Lower Upper
330 100
332 95.4 75.4 113.2
141 44.2 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 13.060 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN028922.D
Acq: 30 Nov 2023 22:47

Tgt Ion:172 Resp: 10881
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.1 19.7 29.5

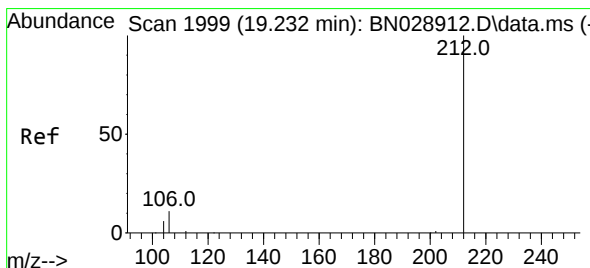
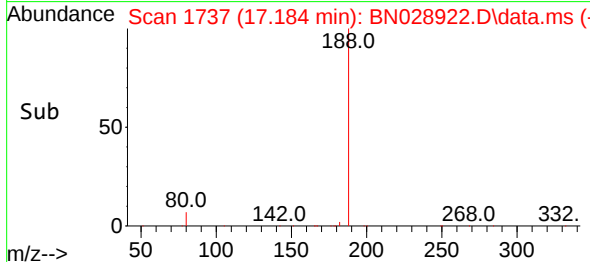
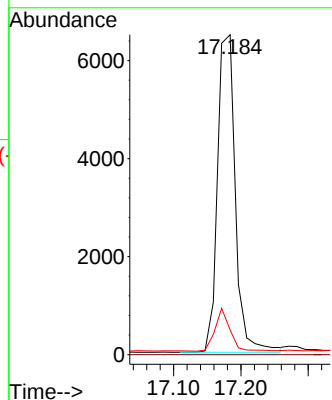
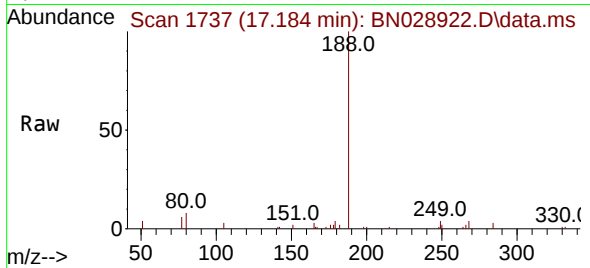




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.184 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028922.D
Acq: 30 Nov 2023 22:47

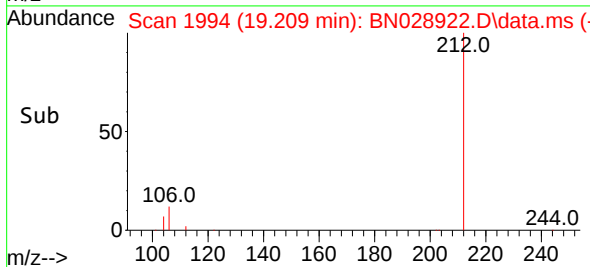
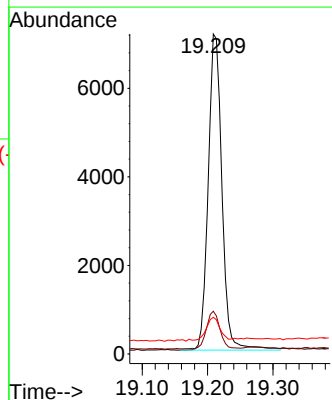
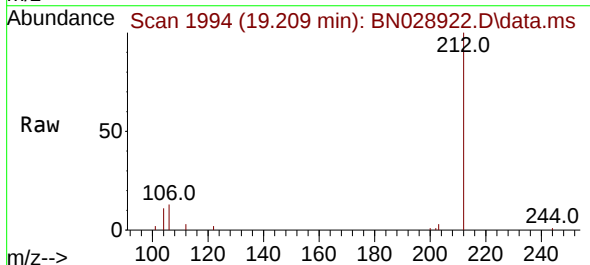
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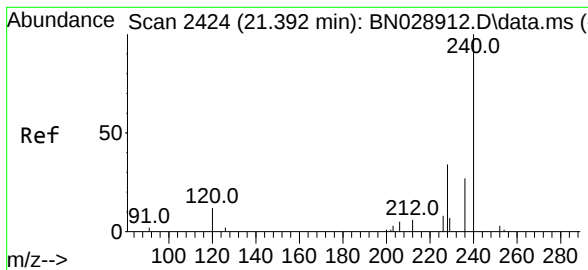
Tgt Ion:188 Resp: 11917
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 9.0 13.6#



#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.209 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BN028922.D
Acq: 30 Nov 2023 22:47

Tgt Ion:212 Resp: 10413
Ion Ratio Lower Upper
212 100
106 11.5 9.4 14.2
104 7.8 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.374 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BN028922.D

Acq: 30 Nov 2023 22:47

Instrument :

BNA_N

ClientSampleId :

BPOW5-3-20231108

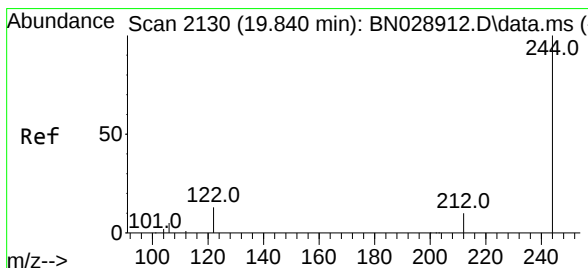
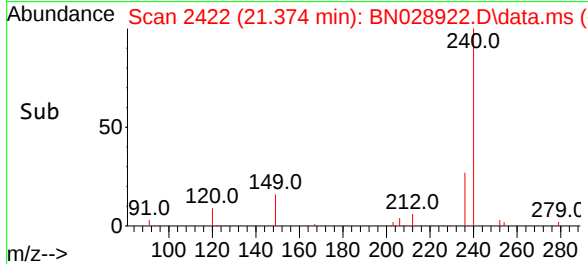
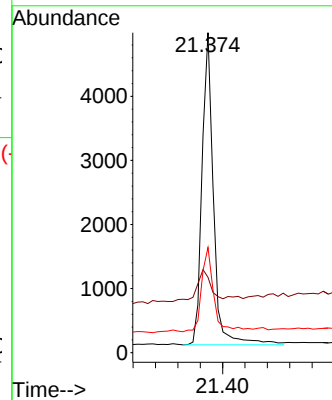
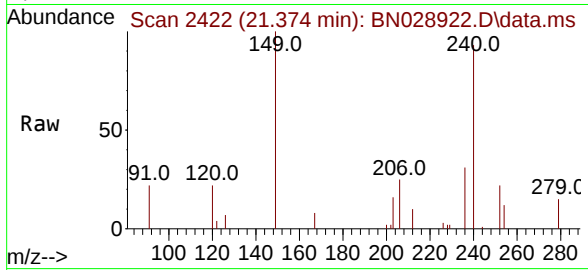
Tgt Ion:240 Resp: 6936

Ion Ratio Lower Upper

240 100

120 23.5 37.1 55.7#

236 32.9 32.4 48.6



#31

Terphenyl-d14

Concen: 0.434 ng

RT: 19.822 min Scan# 2126

Delta R.T. 0.000 min

Lab File: BN028922.D

Acq: 30 Nov 2023 22:47

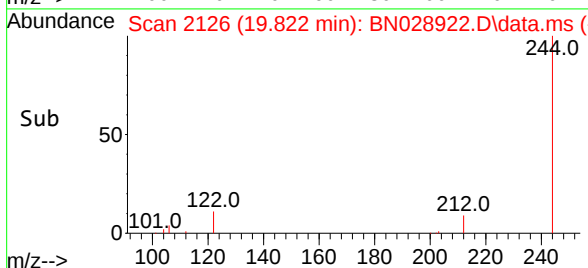
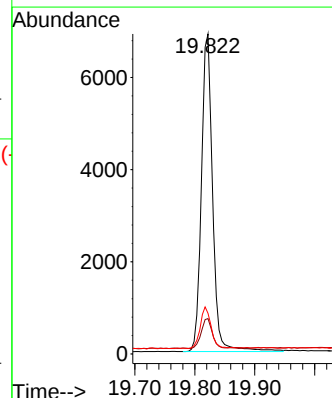
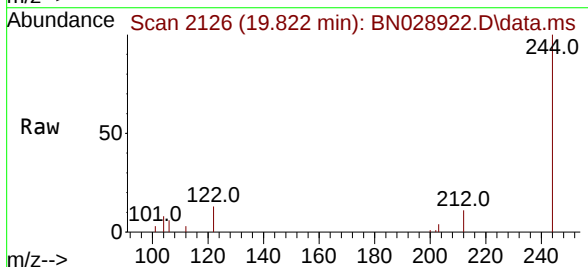
Tgt Ion:244 Resp: 8970

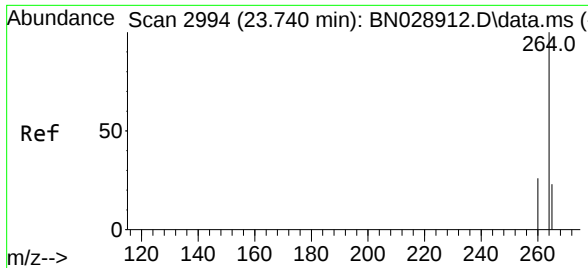
Ion Ratio Lower Upper

244 100

212 11.1 11.5 17.3#

122 12.7 13.2 19.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.705 min Scan# 29

Delta R.T. -0.009 min

Lab File: BN028922.D

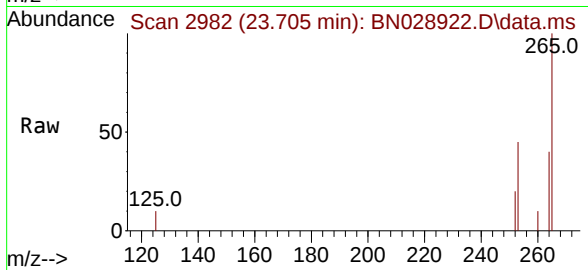
Acq: 30 Nov 2023 22:47

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Tgt Ion:264 Resp: 6438

Ion Ratio Lower Upper

264 100

260 25.1 20.6 30.8

265 252.5 464.5 696.7#

