

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020823\
 Data File : BN023993.D
 Acq On : 08 Feb 2023 17:20
 Operator : CG/JU
 Sample : 01479-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-U-020723

Quant Time: Feb 08 18:14:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 02:37:27 2023
 Response via : Initial Calibration

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

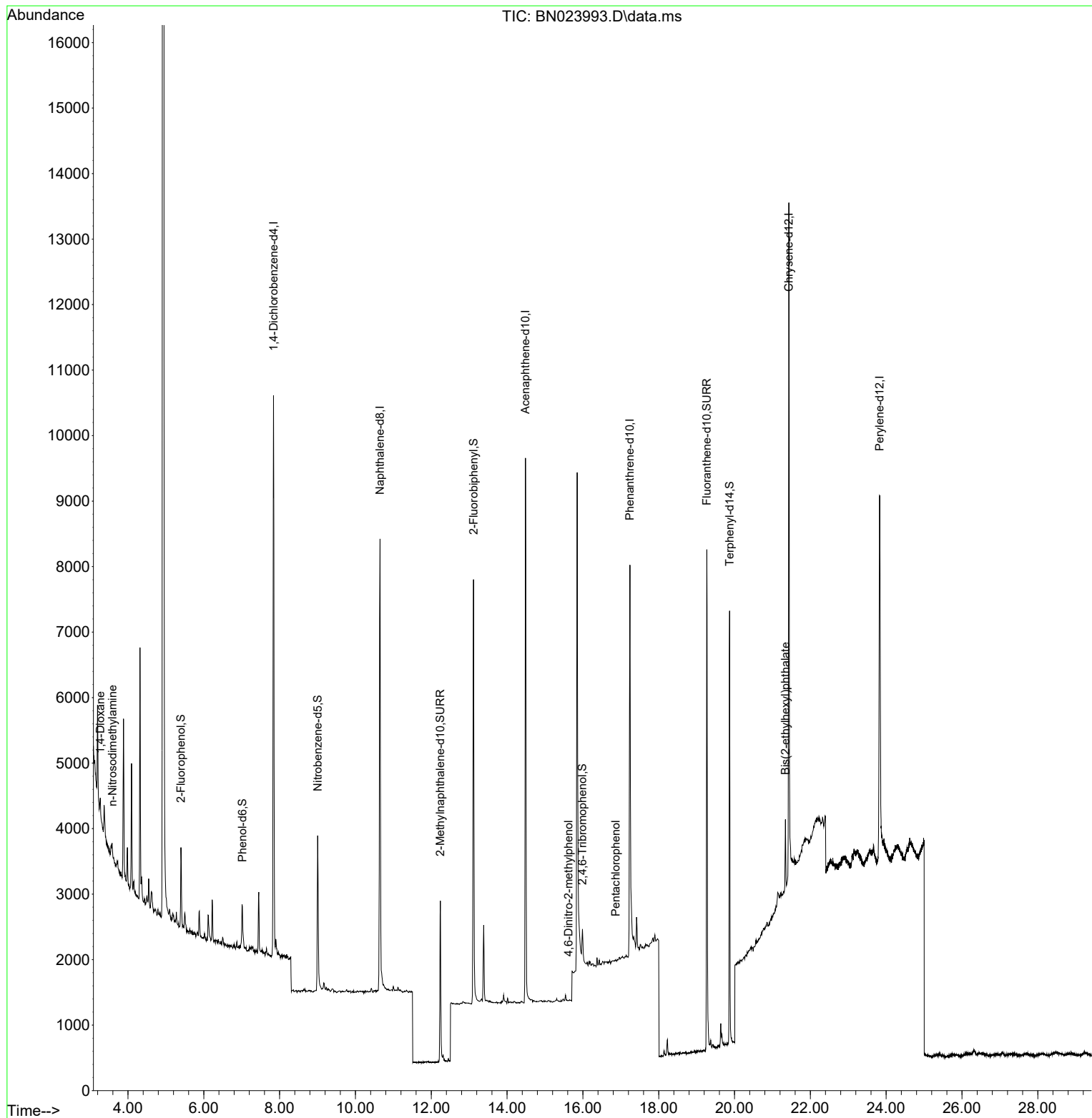
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4183	0.400	ng	0.00
7) Naphthalene-d8	10.647	136	9531	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	4881	0.400	ng	0.00
19) Phenanthrene-d10	17.240	188	10345	0.400	ng	# 0.00
29) Chrysene-d12	21.432	240	9461	0.400	ng	0.00
35) Perylene-d12	23.826	264	8057	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	976	0.112	ng	0.00
5) Phenol-d6	7.016	99	715	0.070	ng	0.00
8) Nitrobenzene-d5	9.003	82	2177	0.285	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	3531	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	391	0.156	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	5988	0.310	ng	0.00
27) Fluoranthene-d10	19.270	212	9017	0.359	ng	0.00
31) Terphenyl-d14	19.869	244	7035	0.398	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	182	0.046	ng	# 1
3) n-Nitrosodimethylamine	3.593	42	134	0.030	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.618	198	3	0.194	ng	# 1
24) Pentachlorophenol	16.868	266	25	0.174	ng	# 21
34) Bis(2-ethylhexyl)phtha...	21.343	149	1093	0.079	ng	95

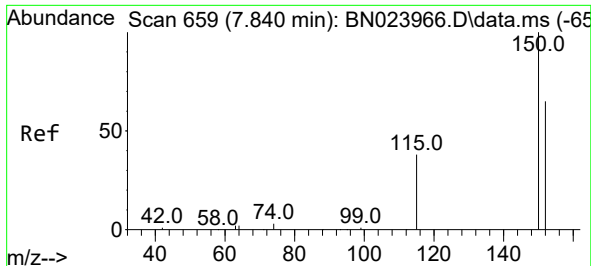
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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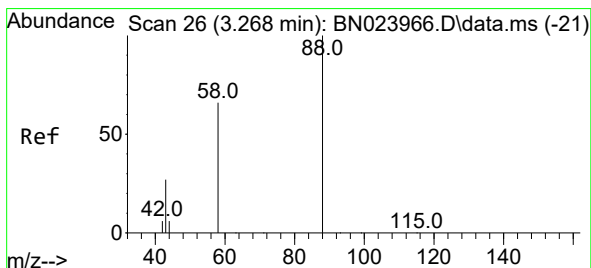
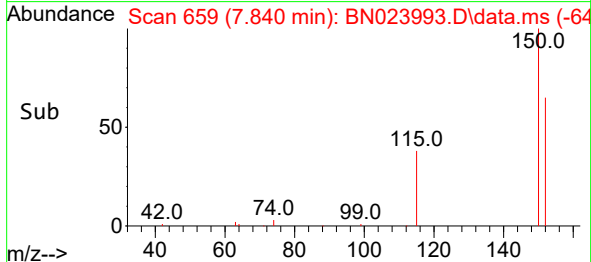
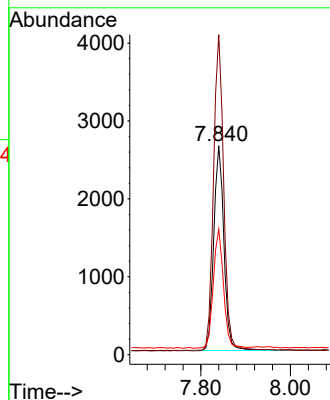
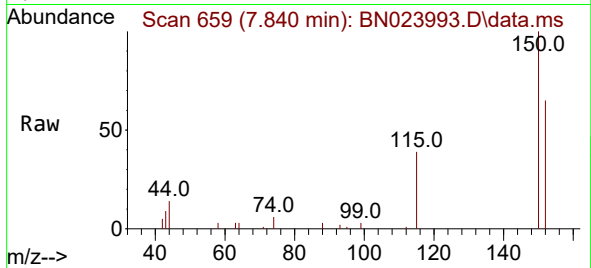




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN023993.D
 Acq: 08 Feb 2023 17:20

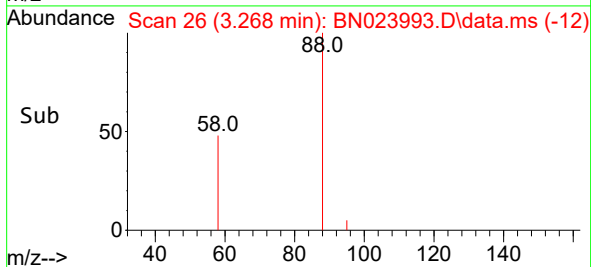
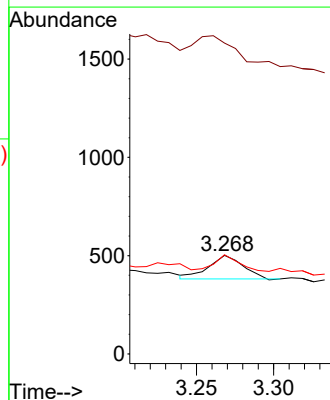
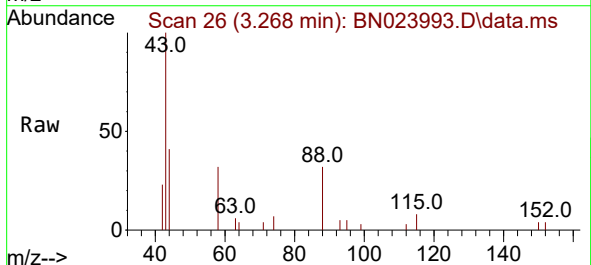
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-U-020723

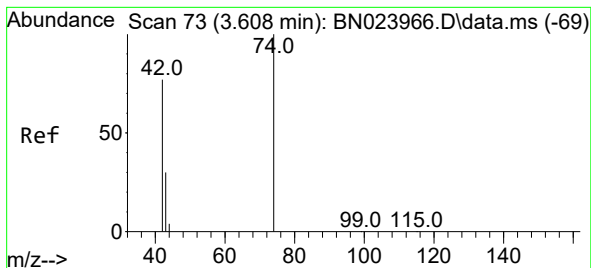
Tgt Ion:152 Resp: 4183
 Ion Ratio Lower Upper
 152 100
 150 153.1 121.8 182.6
 115 60.0 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.046 ng
 RT: 3.268 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: BN023993.D
 Acq: 08 Feb 2023 17:20

Tgt Ion: 88 Resp: 182
 Ion Ratio Lower Upper
 88 100
 43 194.0 23.7 35.5#
 58 51.6 53.4 80.2#





#3

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.593 min Scan# 71

Delta R.T. -0.015 min

Lab File: BN023993.D

Acq: 08 Feb 2023 17:20

Instrument :

BNA_N

ClientSampleId :

PW-B6-L10-U-020723

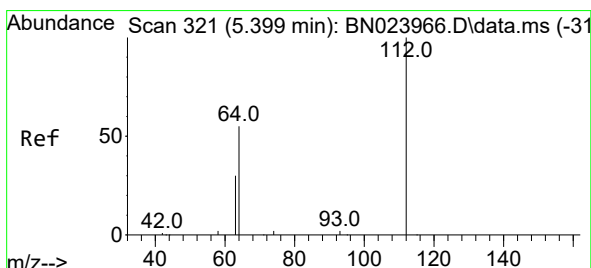
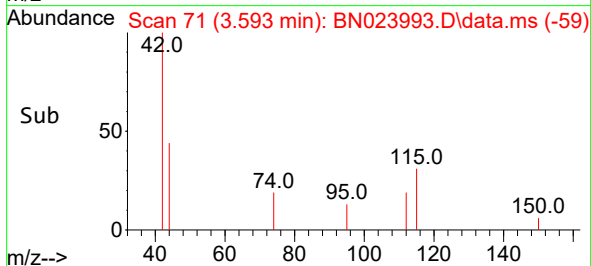
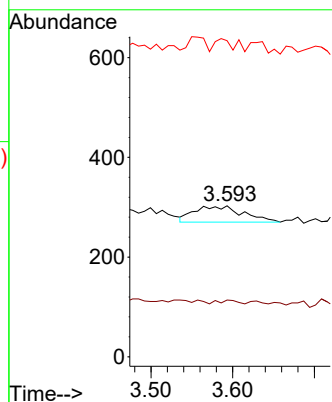
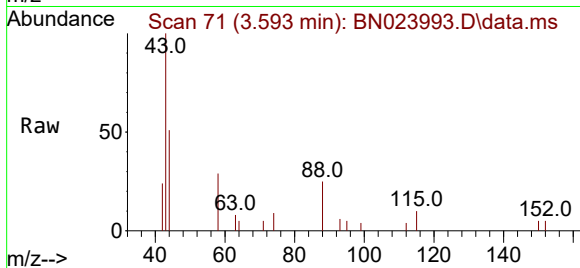
Tgt Ion: 42 Resp: 134

Ion Ratio Lower Upper

42 100

74 9.0 99.3 148.9#

44 23.1 4.2 6.4#



#4

2-Fluorophenol

Concen: 0.112 ng

RT: 5.399 min Scan# 321

Delta R.T. -0.000 min

Lab File: BN023993.D

Acq: 08 Feb 2023 17:20

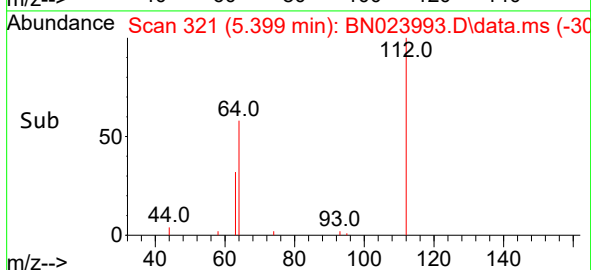
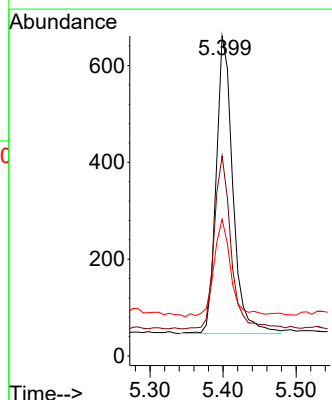
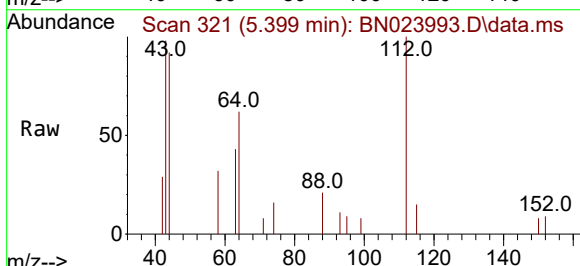
Tgt Ion: 112 Resp: 976

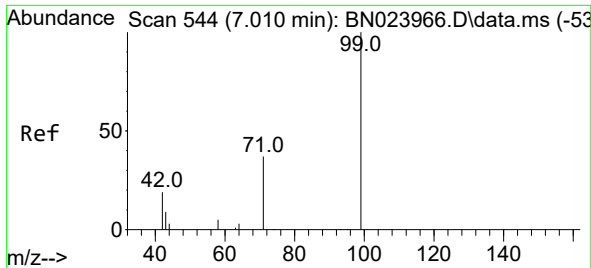
Ion Ratio Lower Upper

112 100

64 58.6 44.8 67.2

63 33.2 25.1 37.7

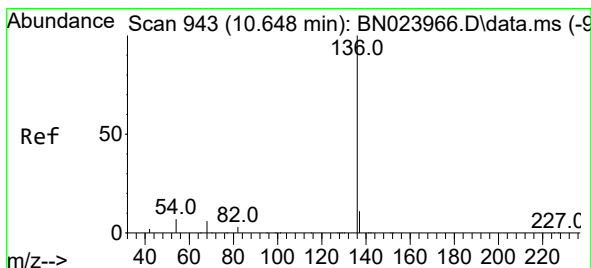
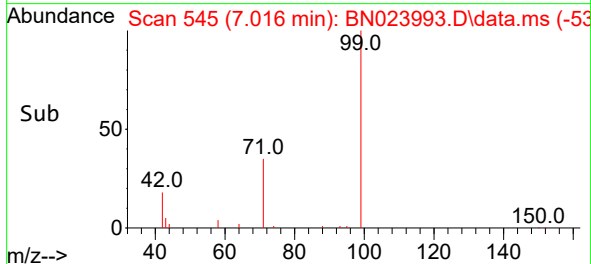
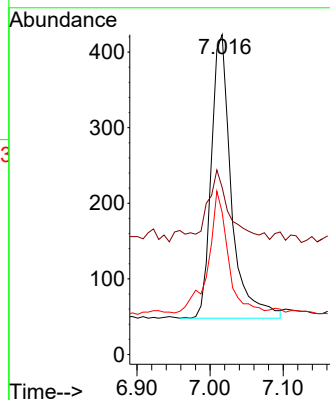
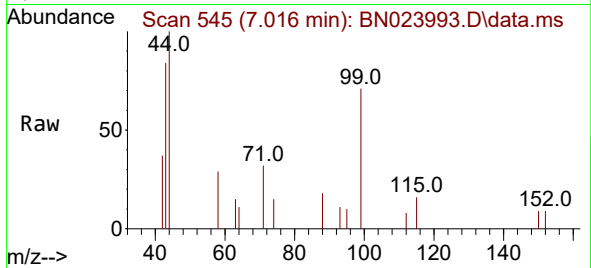




#5
Phenol-d6
Concen: 0.070 ng
RT: 7.016 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN023993.D
Acq: 08 Feb 2023 17:20

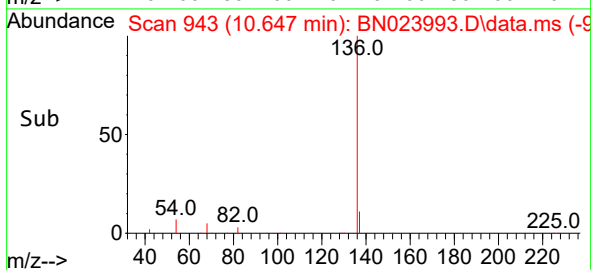
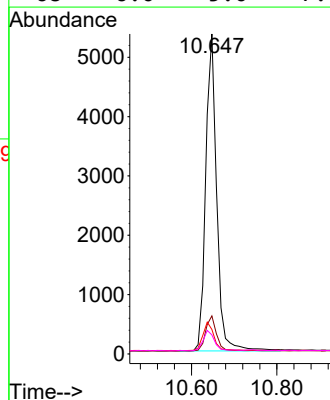
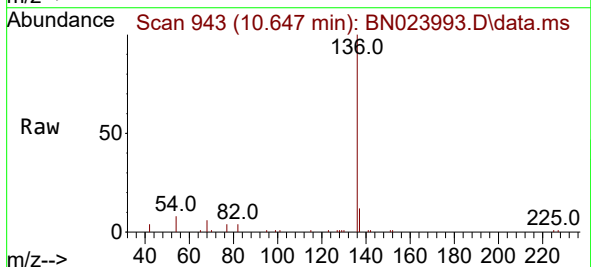
Instrument :
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PW-B6-L10-U-020723

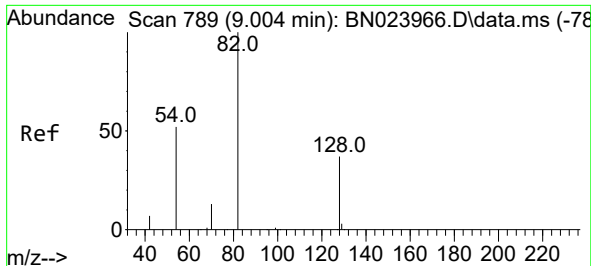
Tgt Ion: 99 Resp: 715
Ion Ratio Lower Upper
99 100
42 27.7 17.0 25.6#
71 42.1 29.0 43.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.647 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN023993.D
Acq: 08 Feb 2023 17:20

Tgt Ion:136 Resp: 9531
Ion Ratio Lower Upper
136 100
137 11.9 9.1 13.7
54 7.6 5.8 8.8
68 6.0 5.0 7.4

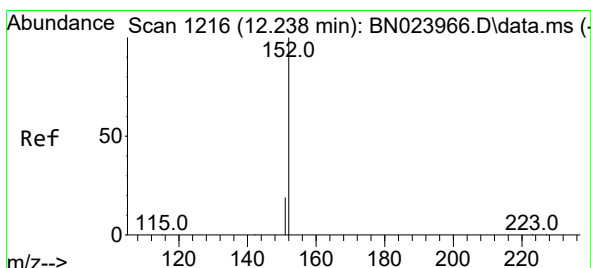
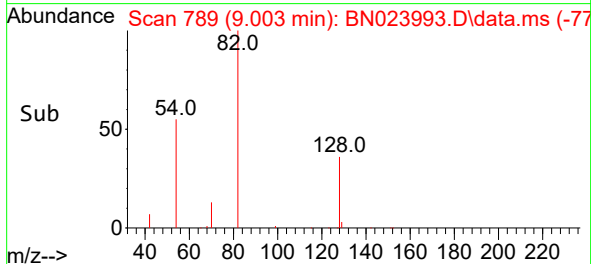
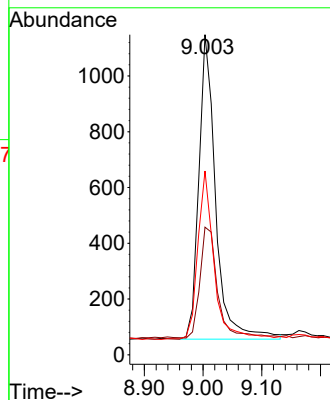
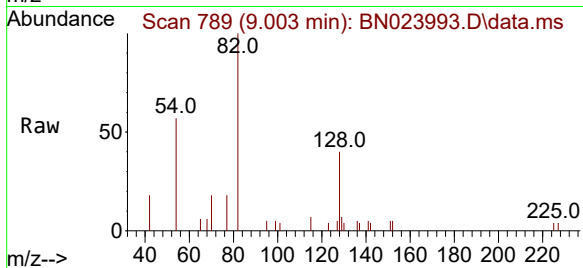




#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN023993.D
Acq: 08 Feb 2023 17:20

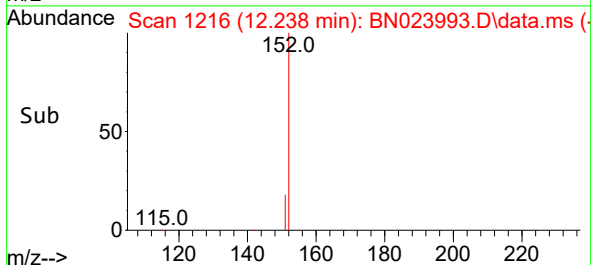
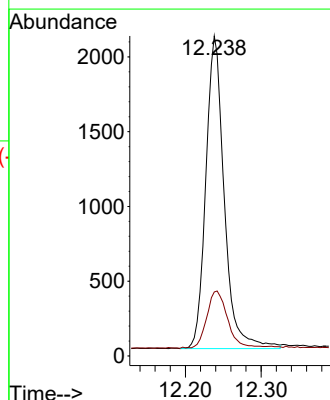
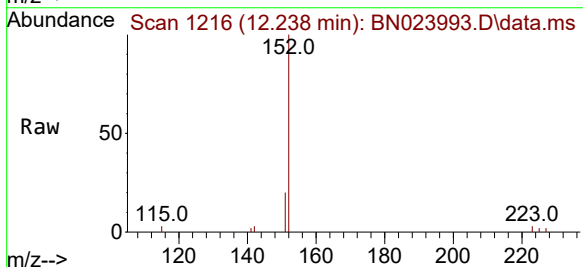
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-U-020723

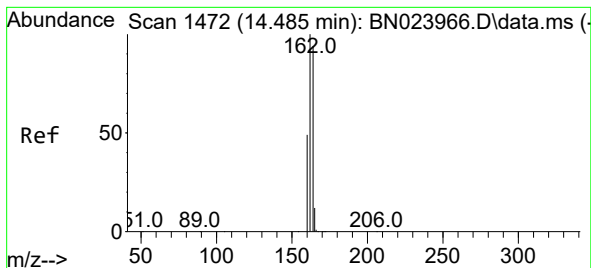
Tgt Ion: 82 Resp: 2177
Ion Ratio Lower Upper
82 100
128 39.9 31.5 47.3
54 57.4 42.8 64.2



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN023993.D
Acq: 08 Feb 2023 17:20

Tgt Ion: 152 Resp: 3531
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.484 min Scan# 1472

Delta R.T. -0.000 min

Lab File: BN023993.D

Acq: 08 Feb 2023 17:20

Instrument :

BNA_N

ClientSampleId :

PW-B6-L10-U-020723

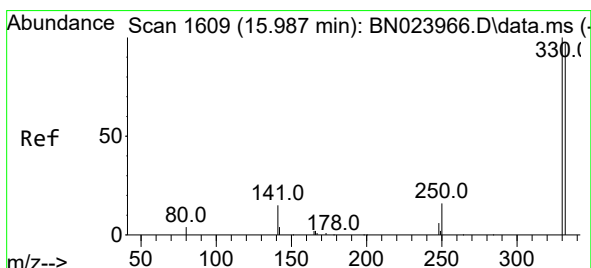
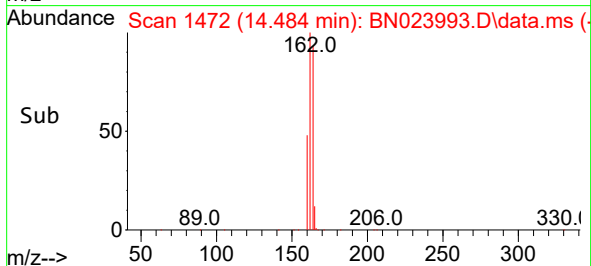
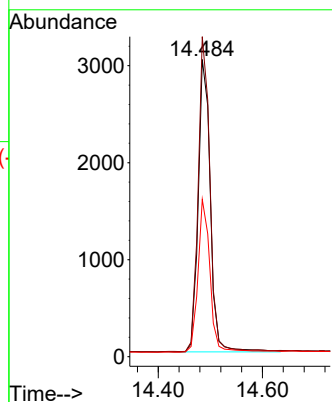
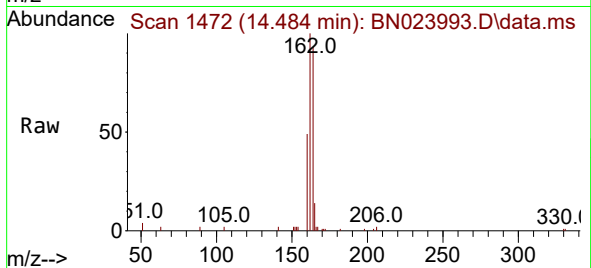
Tgt Ion:164 Resp: 4881

Ion Ratio Lower Upper

164 100

162 107.7 84.8 127.2

160 53.0 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.156 ng

RT: 15.987 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BN023993.D

Acq: 08 Feb 2023 17:20

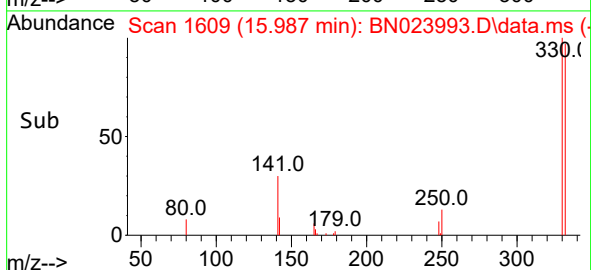
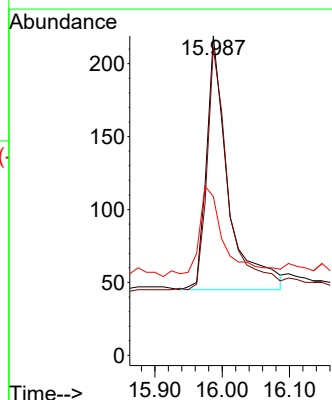
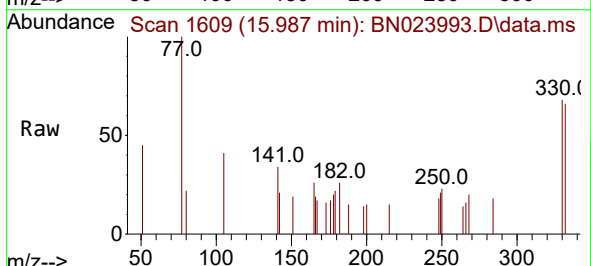
Tgt Ion:330 Resp: 391

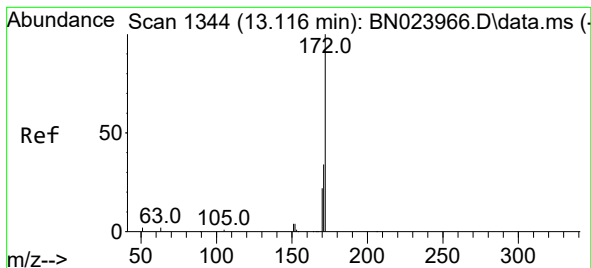
Ion Ratio Lower Upper

330 100

332 93.1 77.7 116.5

141 43.0 26.6 39.8#





#15

2-Fluorobiphenyl

Concen: 0.310 ng

RT: 13.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023993.D

Acq: 08 Feb 2023 17:20

Instrument :

BNA_N

ClientSampleId :

PW-B6-L10-U-020723

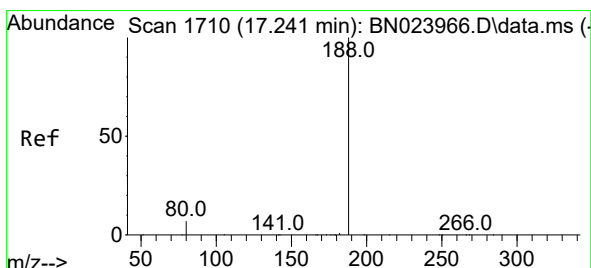
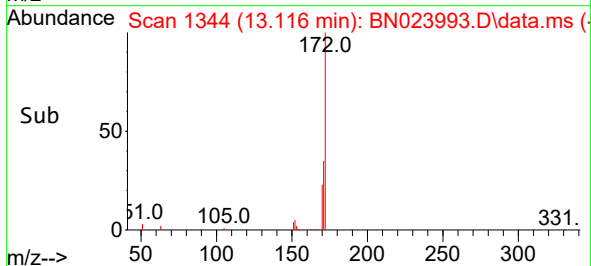
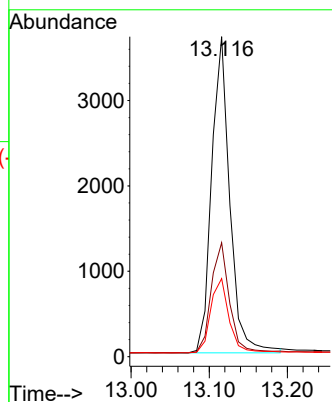
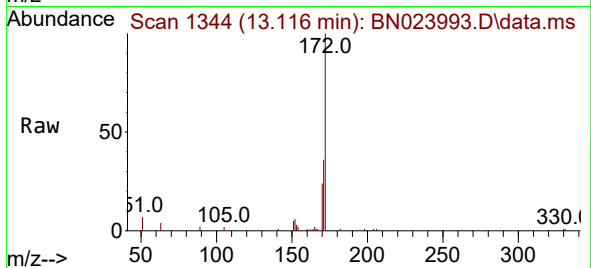
Tgt Ion:172 Resp: 5988

Ion Ratio Lower Upper

172 100

171 35.6 27.4 41.2

170 24.4 18.2 27.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.240 min Scan# 1710

Delta R.T. -0.000 min

Lab File: BN023993.D

Acq: 08 Feb 2023 17:20

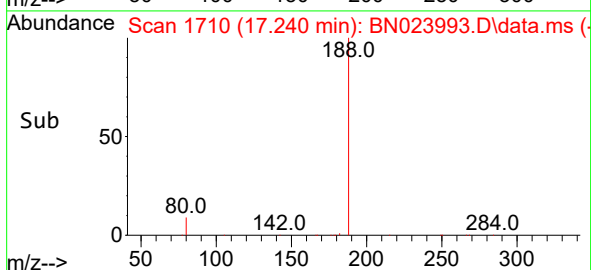
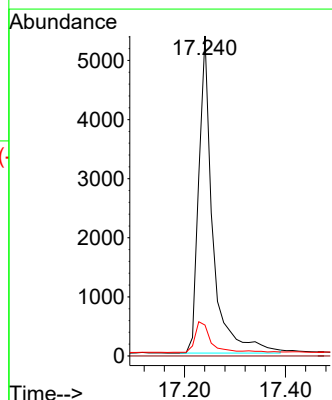
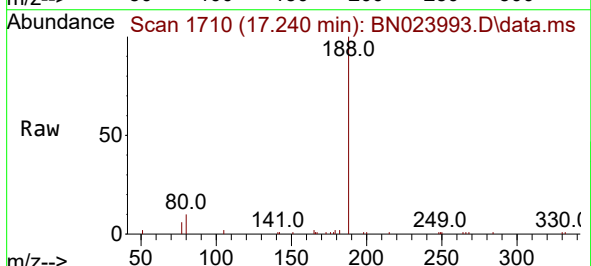
Tgt Ion:188 Resp: 10345

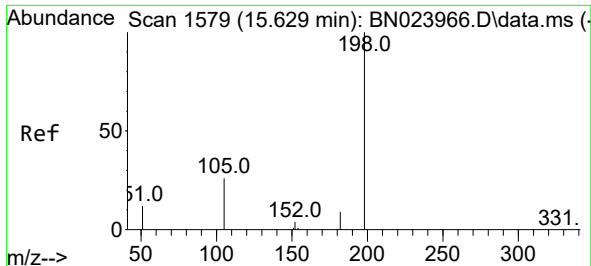
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 6.1 9.1#

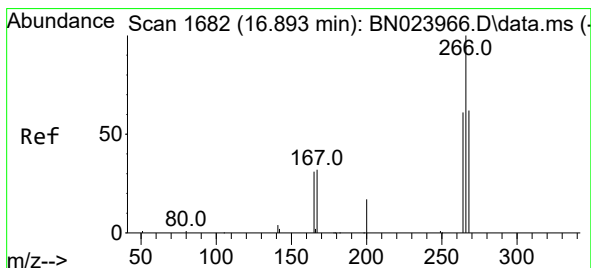
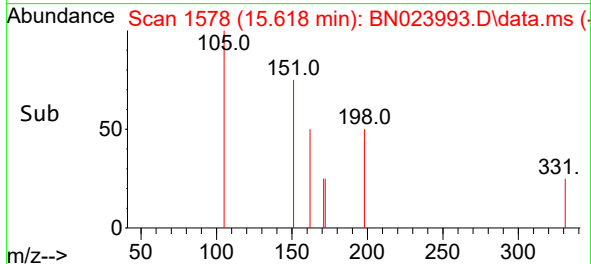
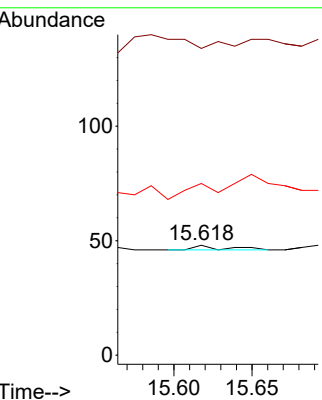
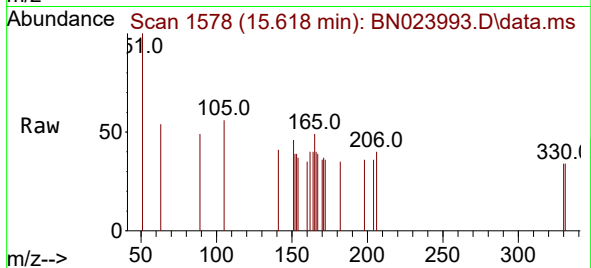




#20
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 15.618 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BN023993.D
Acq: 08 Feb 2023 17:20

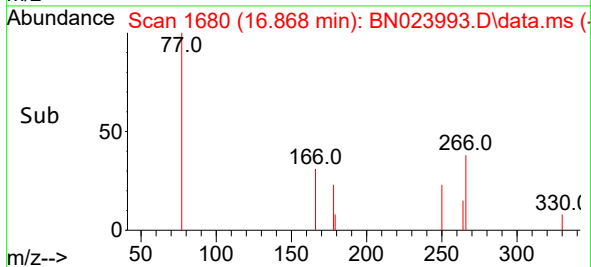
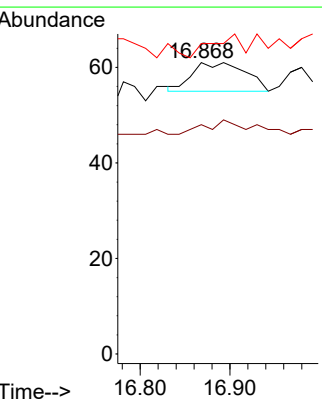
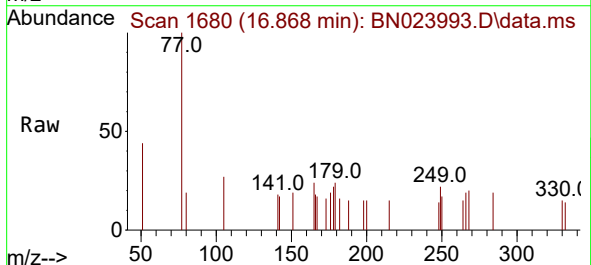
Instrument :
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PW-B6-L10-U-020723

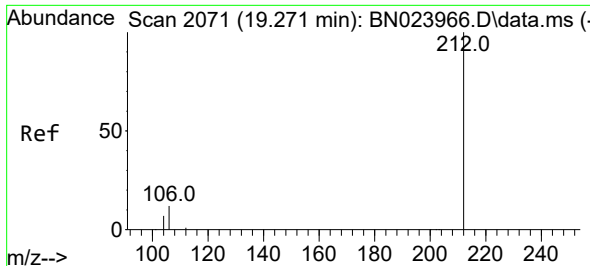
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 279.2 36.8 55.2#
105 156.3 28.8 43.2#



#24
Pentachlorophenol
Concen: 0.174 ng
RT: 16.868 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN023993.D
Acq: 08 Feb 2023 17:20

Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
264 0.0 47.6 71.4#
268 0.0 47.5 71.3#

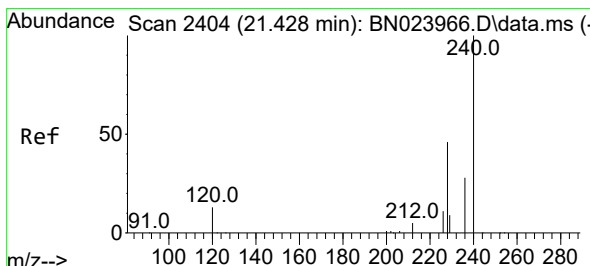
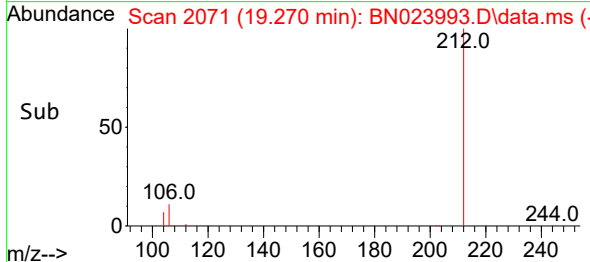
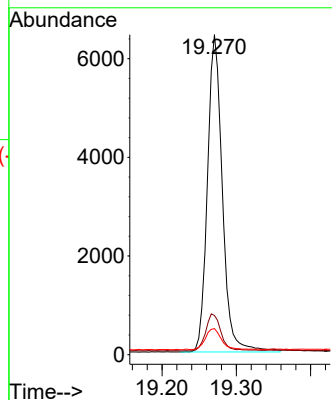
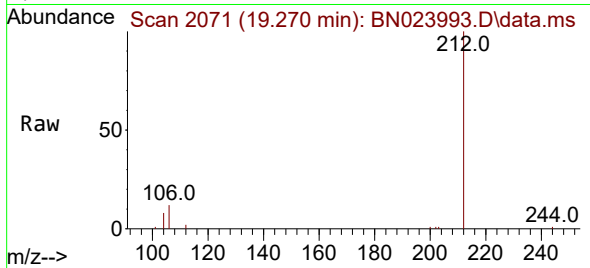




#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.270 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BN023993.D
Acq: 08 Feb 2023 17:20

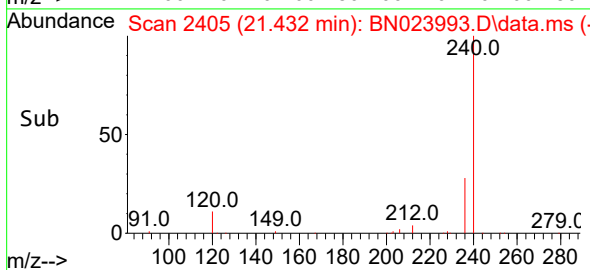
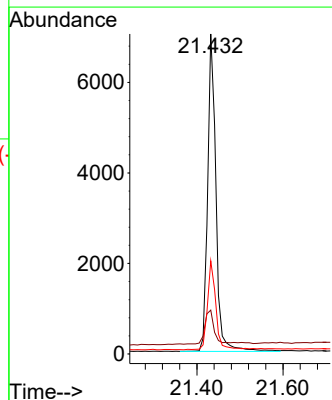
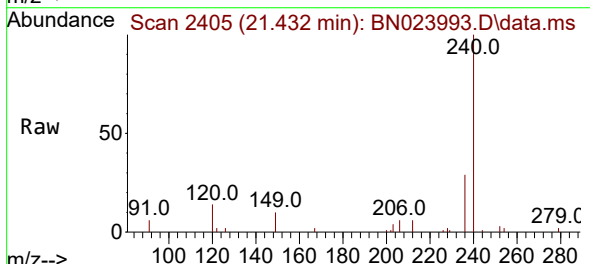
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-U-020723

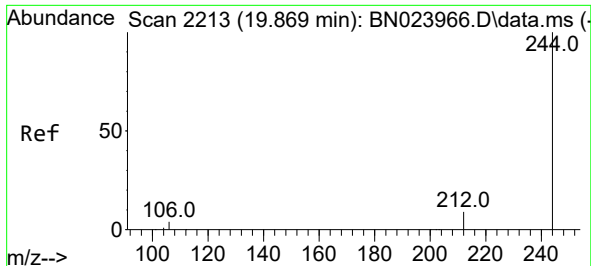
Tgt Ion:212 Resp: 9017
Ion Ratio Lower Upper
212 100
106 11.9 9.2 13.8
104 7.3 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.432 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BN023993.D
Acq: 08 Feb 2023 17:20

Tgt Ion:240 Resp: 9461
Ion Ratio Lower Upper
240 100
120 13.7 11.4 17.0
236 29.1 23.2 34.8

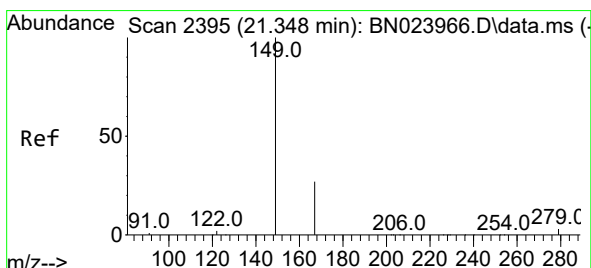
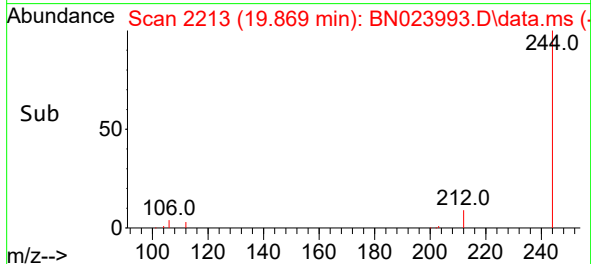
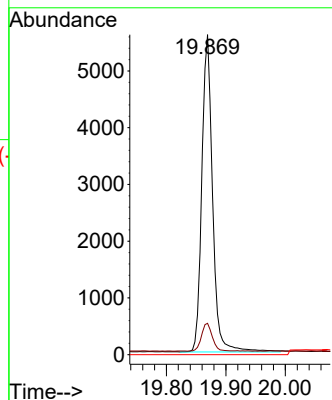
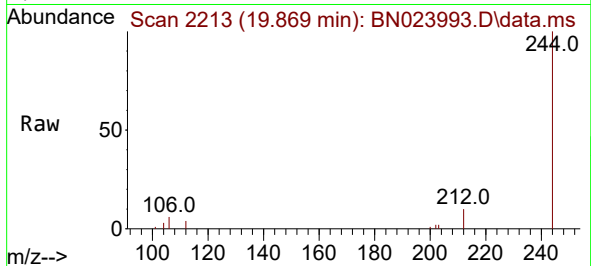




#31
 Terphenyl-d14
 Concen: 0.398 ng
 RT: 19.869 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BN023993.D
 Acq: 08 Feb 2023 17:20

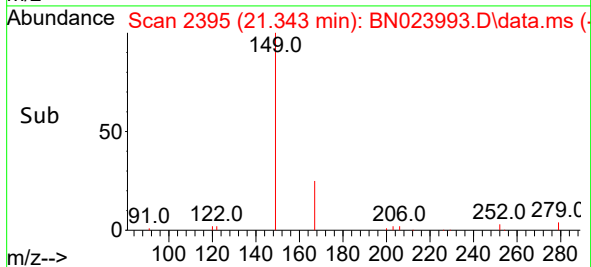
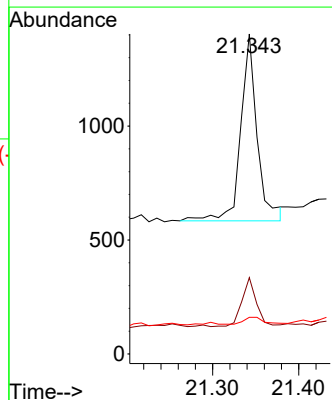
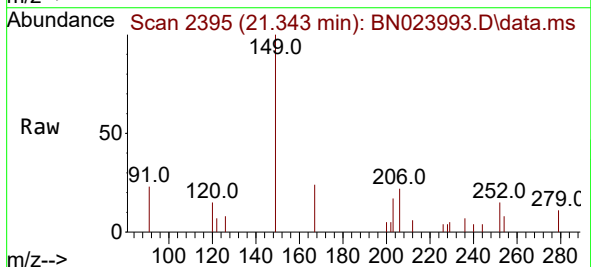
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-U-020723

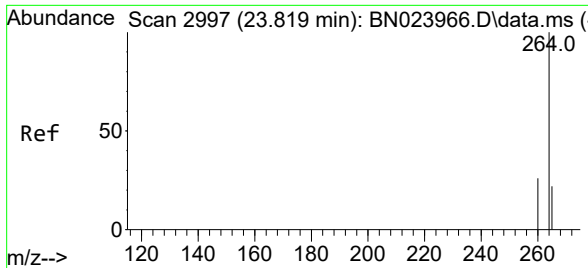
Tgt Ion:244 Resp: 7035
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.7 11.5
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.343 min Scan# 2395
 Delta R.T. -0.000 min
 Lab File: BN023993.D
 Acq: 08 Feb 2023 17:20

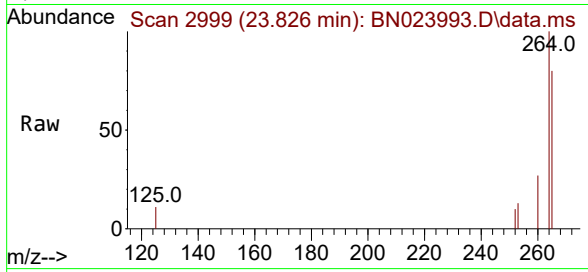
Tgt Ion:149 Resp: 1093
 Ion Ratio Lower Upper
 149 100
 167 23.4 21.1 31.7
 279 4.4 3.1 4.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.826 min Scan# 2999
Delta R.T. 0.017 min
Lab File: BN023993.D
Acq: 08 Feb 2023 17:20

Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-U-020723



Tgt Ion:264 Resp: 8057

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.4	32.0
265	80.0	41.4	62.0

