

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
 Data File : BN023001.D
 Acq On : 01 Dec 2022 02:54
 Operator : CG/JU
 Sample : N5730-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20221118

Quant Time: Dec 01 04:03:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

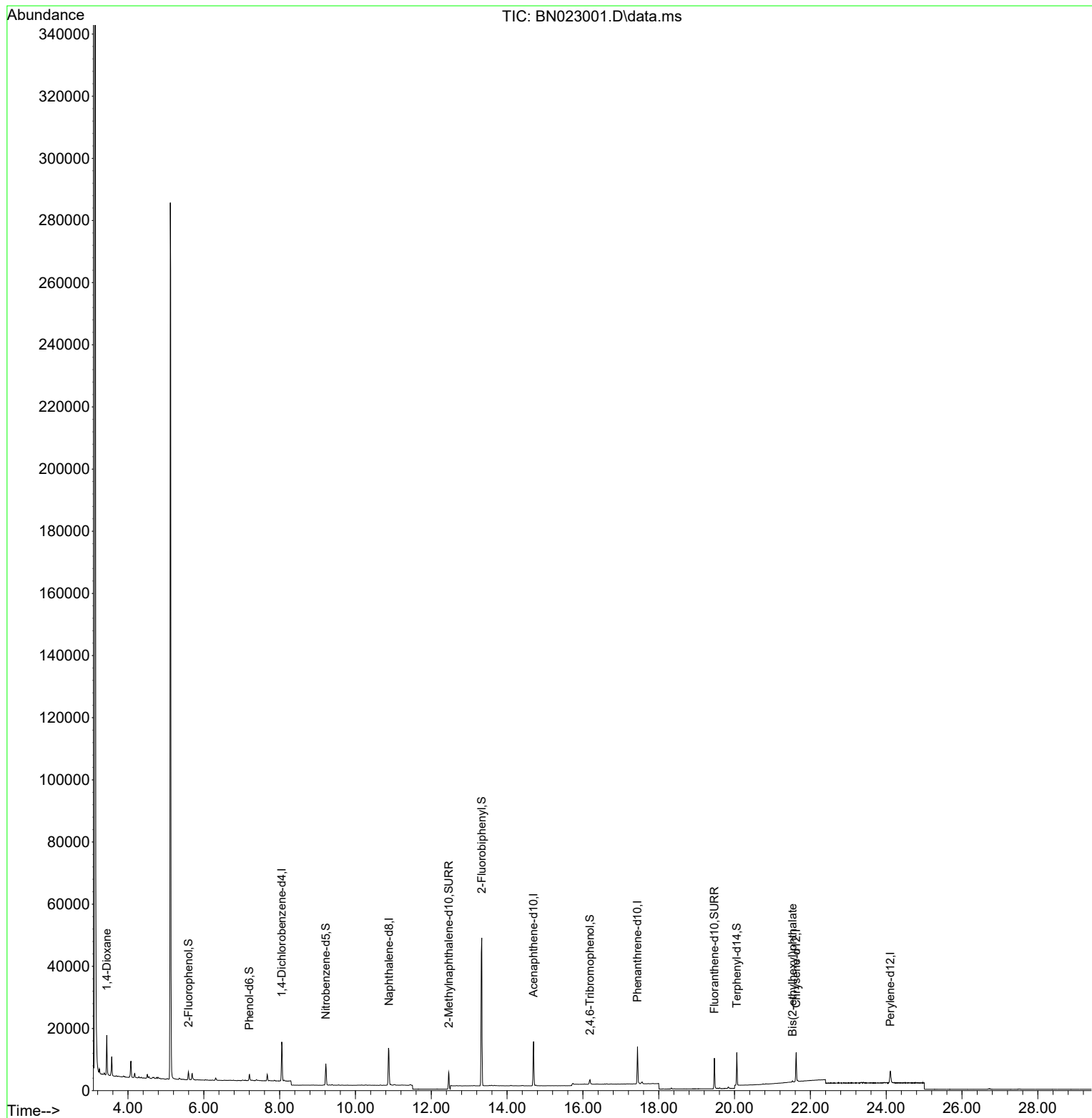
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5992	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	16095	0.400	ng	# 0.00
13) Acenaphthene-d10	14.698	164	7716	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	14733	0.400	ng	0.00
29) Chrysene-d12	21.625	240	8211	0.400	ng	# 0.00
35) Perylene-d12	24.109	264	5824	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1935	0.124	ng	0.00
5) Phenol-d6	7.204	99	1501	0.076	ng	0.00
8) Nitrobenzene-d5	9.217	82	5338	0.427	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	8109	0.232	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	893	0.240	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	42106	1.193	ng	0.00
27) Fluoranthene-d10	19.469	212	10378	0.259	ng	0.00
31) Terphenyl-d14	20.058	244	8497	0.441	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	7532	0.990	ng	99
34) Bis(2-ethylhexyl)phtha...	21.527	149	525	0.039	ng	# 92

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

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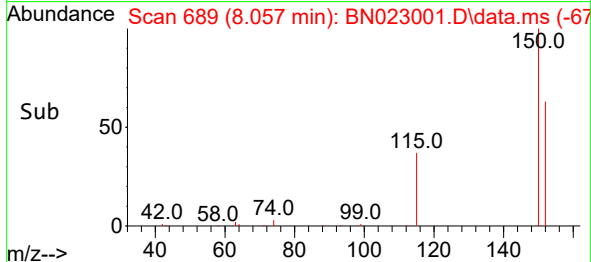
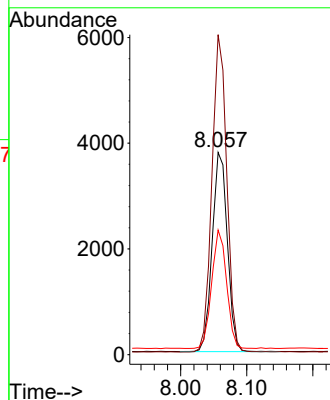
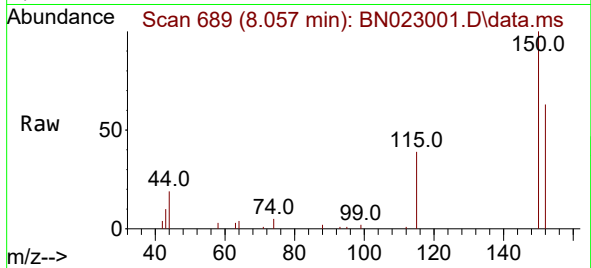




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.057 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN023001.D
Acq: 01 Dec 2022 02:54

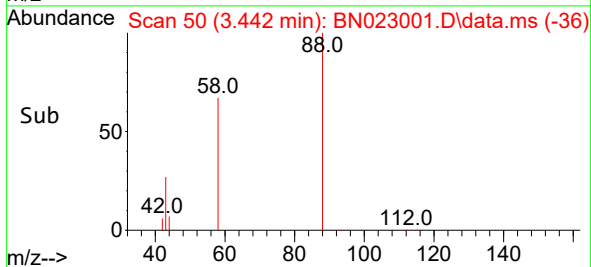
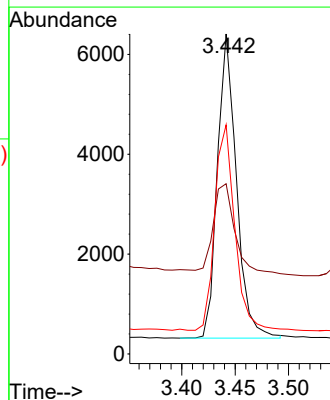
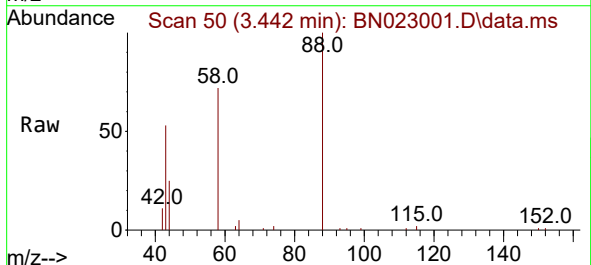
Instrument :
BNA_N
ClientSampleId :
DUP06-20221118

Tgt Ion:152 Resp: 5992
Ion Ratio Lower Upper
152 100
150 158.2 121.2 181.8
115 61.7 46.2 69.4



#2
1,4-Dioxane
Concen: 0.990 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN023001.D
Acq: 01 Dec 2022 02:54

Tgt Ion: 88 Resp: 7532
Ion Ratio Lower Upper
88 100
43 33.4 25.4 38.2
58 70.8 56.5 84.7

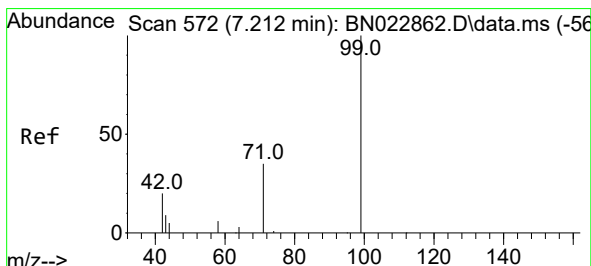
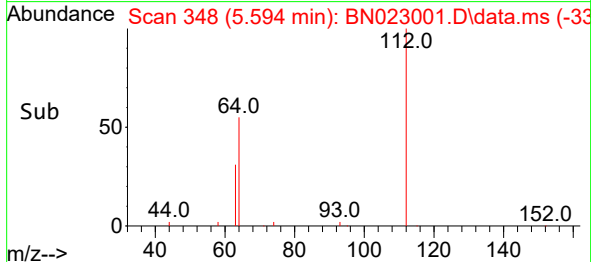
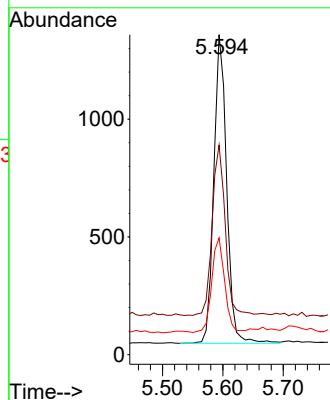
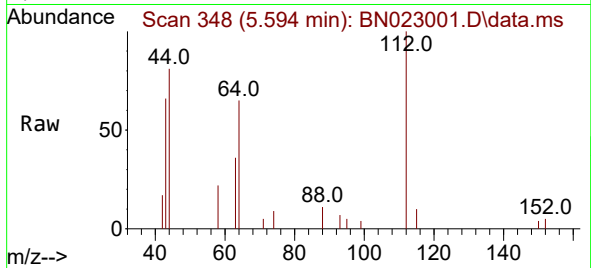




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.007 min
Lab File: BN023001.D
Acq: 01 Dec 2022 02:54

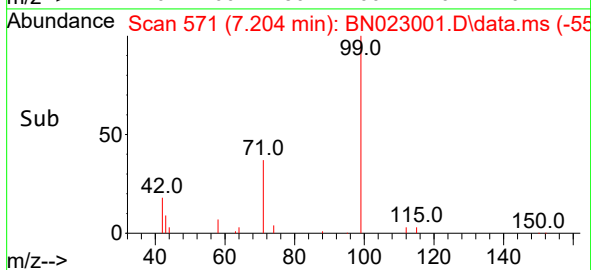
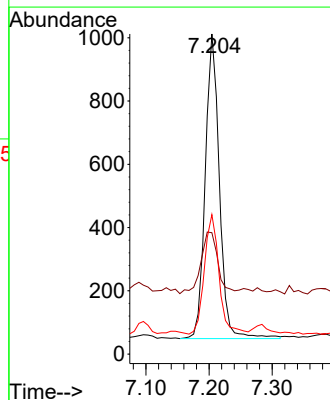
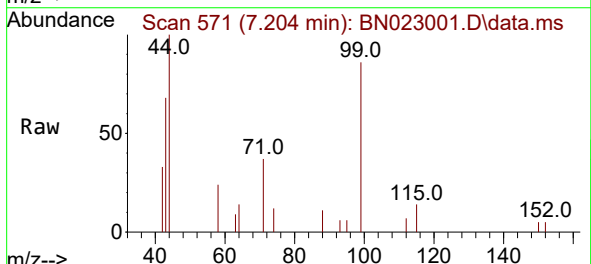
Instrument :
BNA_N
ClientSampleId :
DUP06-20221118

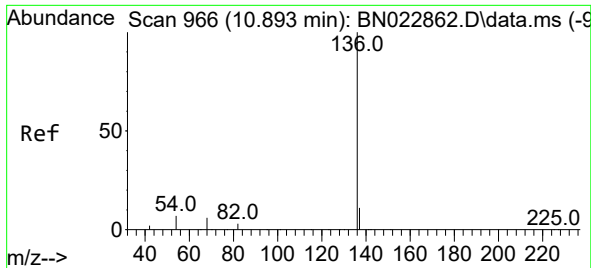
Tgt Ion:112 Resp: 1935
Ion Ratio Lower Upper
112 100
64 56.2 43.4 65.2
63 30.9 23.4 35.2



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN023001.D
Acq: 01 Dec 2022 02:54

Tgt Ion: 99 Resp: 1501
Ion Ratio Lower Upper
99 100
42 24.1 16.0 24.0#
71 40.8 26.8 40.2#

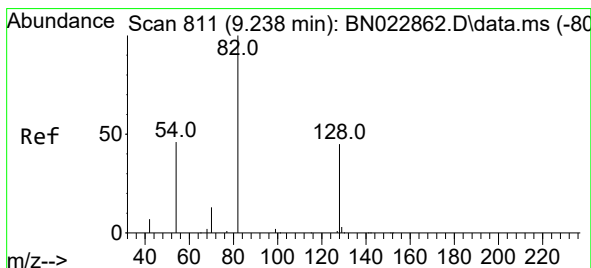
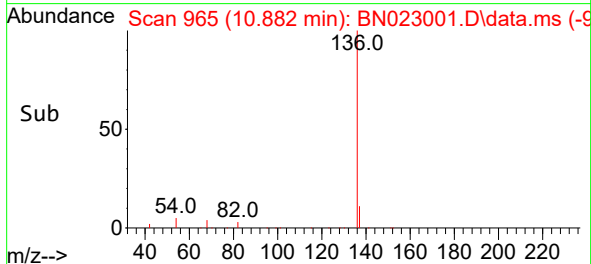
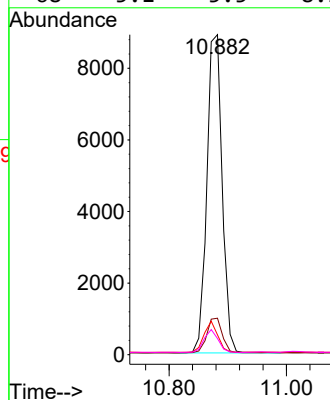
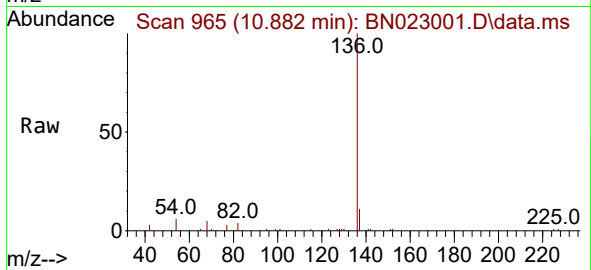




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN023001.D
Acq: 01 Dec 2022 02:54

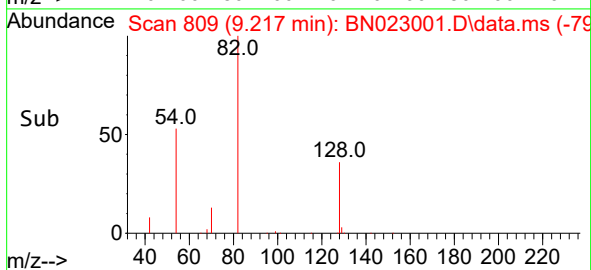
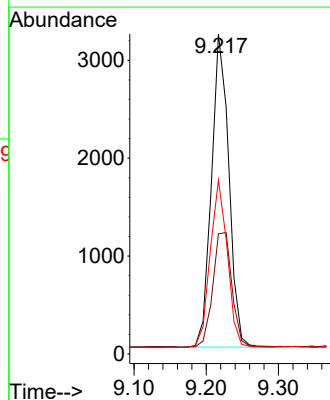
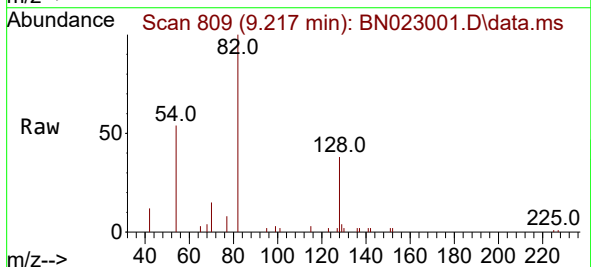
Instrument :
BNA_N
ClientSampleId :
DUP06-20221118

Tgt Ion:	136	Resp:	16095
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	6.2	6.6	9.8#
68	5.1	5.5	8.3#



#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN023001.D
Acq: 01 Dec 2022 02:54

Tgt Ion:	82	Resp:	5338
Ion Ratio	Lower	Upper	
82	100		
128	37.5	36.6	54.8
54	54.3	38.5	57.7

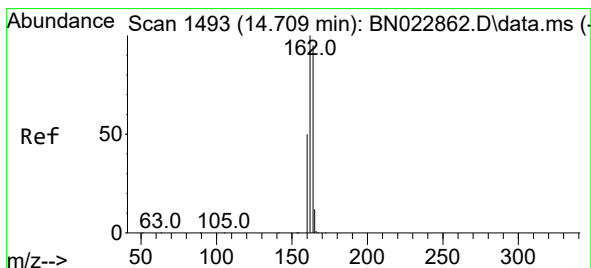
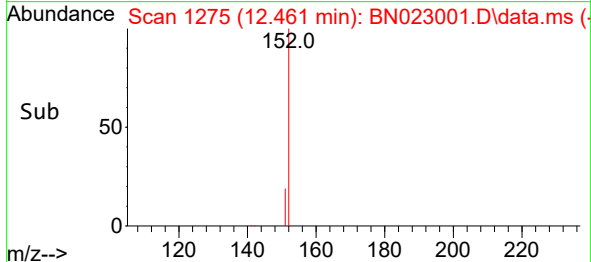
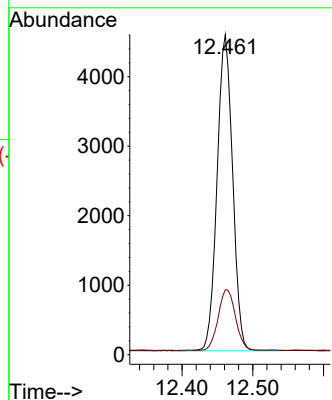
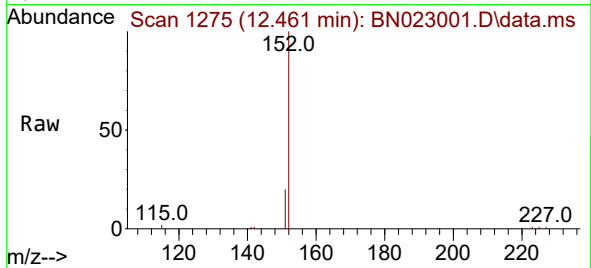




#11
2-Methylnaphthalene-d10
Concen: 0.232 ng
RT: 12.461 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN023001.D
Acq: 01 Dec 2022 02:54

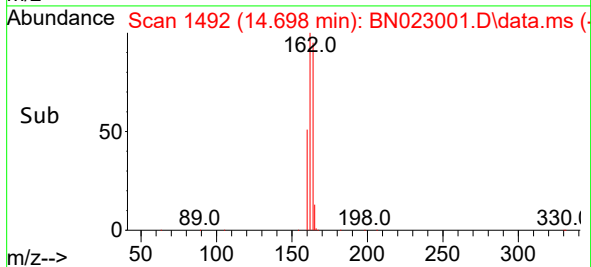
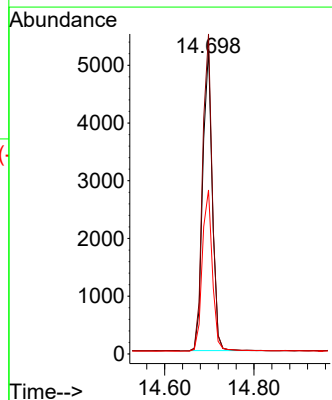
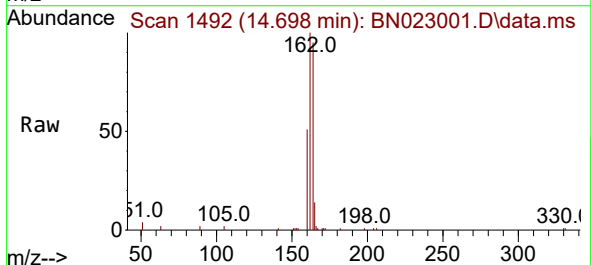
Instrument :
BNA_N
ClientSampleId :
DUP06-20221118

Tgt Ion:152 Resp: 8109
Ion Ratio Lower Upper
152 100
151 23.5 18.6 27.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN023001.D
Acq: 01 Dec 2022 02:54

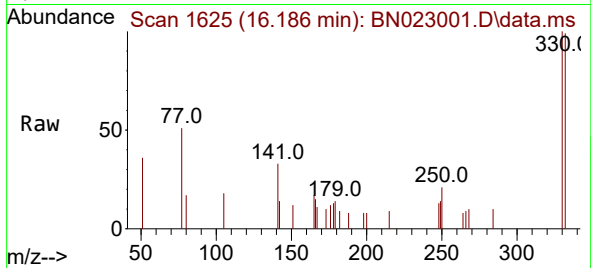
Tgt Ion:164 Resp: 7716
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.4
160 53.8 42.5 63.7



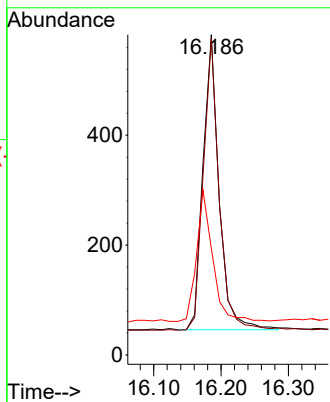
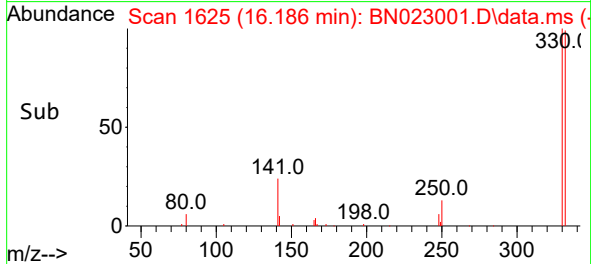


#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN023001.D
Acq: 01 Dec 2022 02:54

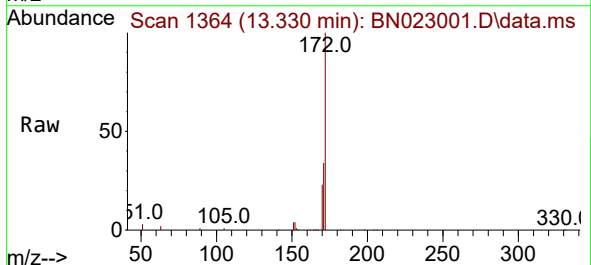
Instrument :
BNA_N
ClientSampleId :
DUP06-20221118



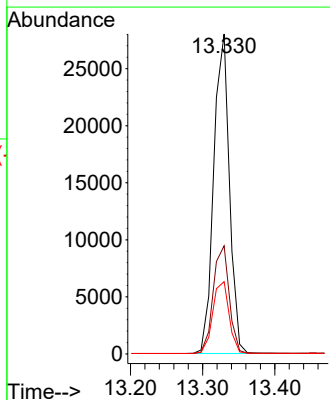
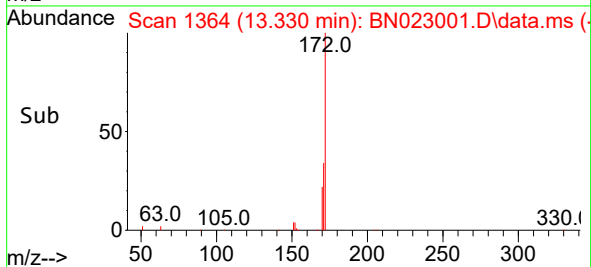
Tgt Ion:330 Resp: 893
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 44.3 32.6 48.8

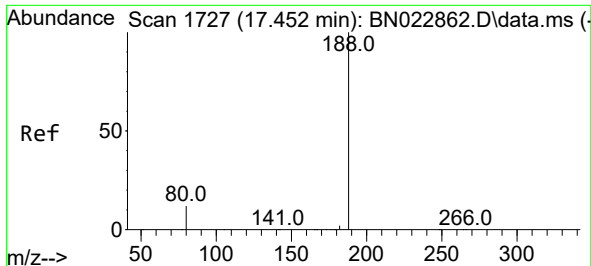


#15
2-Fluorobiphenyl
Concen: 1.193 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN023001.D
Acq: 01 Dec 2022 02:54



Tgt Ion:172 Resp: 42106
Ion Ratio Lower Upper
172 100
171 33.8 28.2 42.4
170 22.6 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.439 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN023001.D

Acq: 01 Dec 2022 02:54

Instrument :

BNA_N

ClientSampleId :

DUP06-20221118

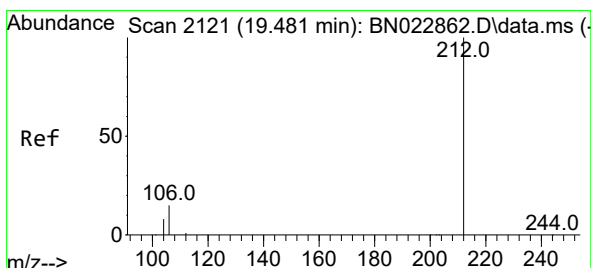
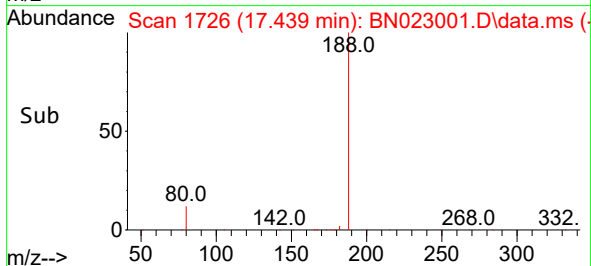
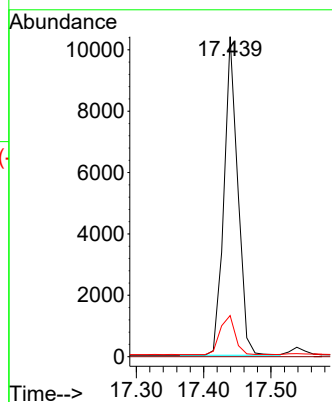
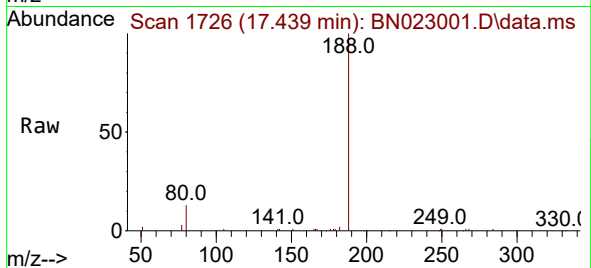
Tgt Ion:188 Resp: 14733

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 10.3 15.5



#27

Fluoranthene-d10

Concen: 0.259 ng

RT: 19.469 min Scan# 2118

Delta R.T. -0.004 min

Lab File: BN023001.D

Acq: 01 Dec 2022 02:54

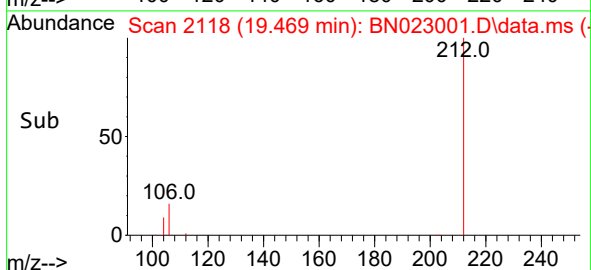
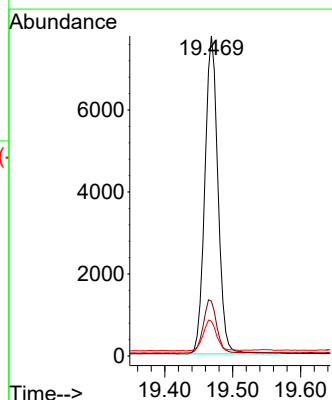
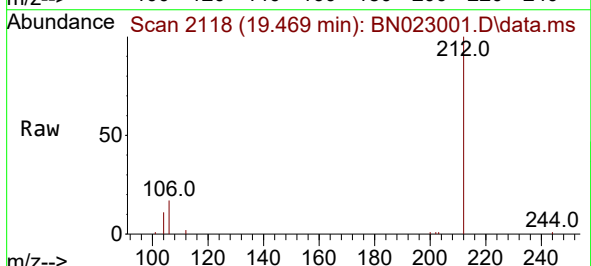
Tgt Ion:212 Resp: 10378

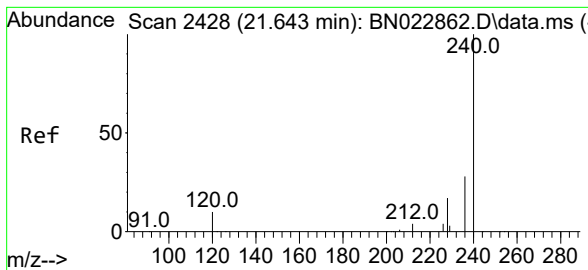
Ion Ratio Lower Upper

212 100

106 17.2 12.3 18.5

104 10.1 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BN023001.D

Acq: 01 Dec 2022 02:54

Instrument :

BNA_N

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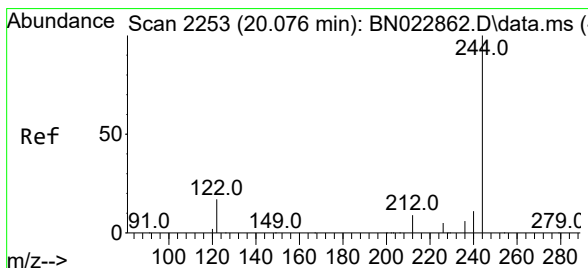
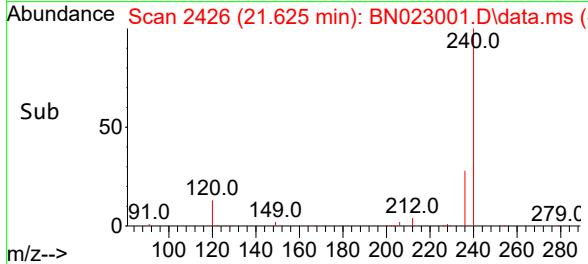
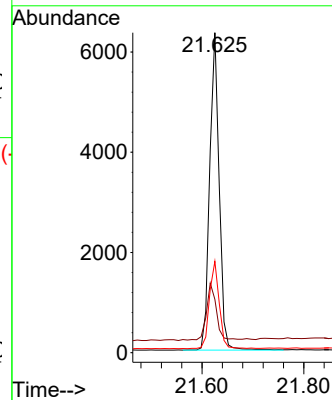
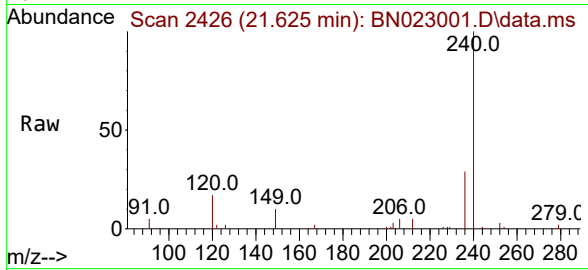
Tgt Ion:240 Resp: 8211

Ion Ratio Lower Upper

240 100

120 16.7 9.2 13.8#

236 28.5 22.6 34.0



#31

Terphenyl-d14

Concen: 0.441 ng

RT: 20.058 min Scan# 2251

Delta R.T. -0.004 min

Lab File: BN023001.D

Acq: 01 Dec 2022 02:54

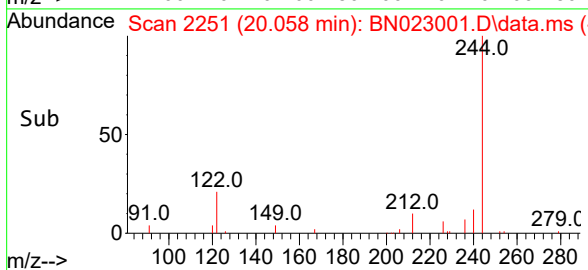
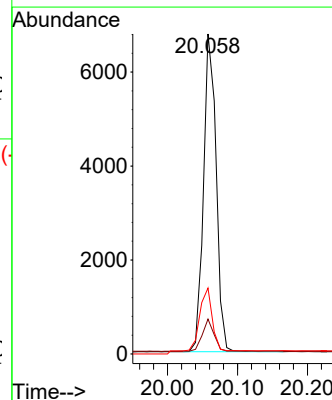
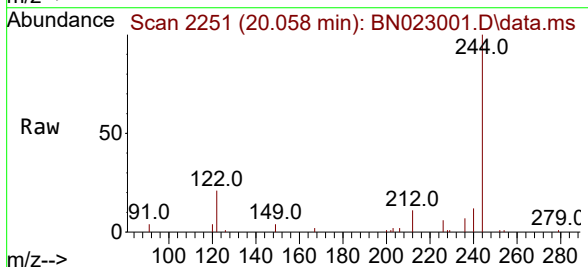
Tgt Ion:244 Resp: 8497

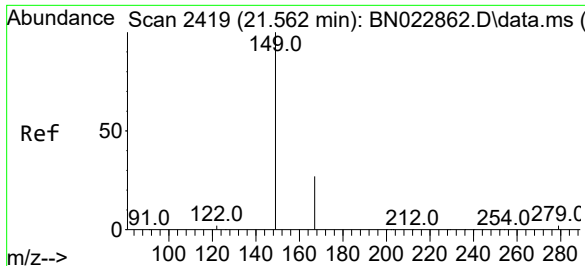
Ion Ratio Lower Upper

244 100

212 10.9 7.9 11.9

122 20.6 13.9 20.9

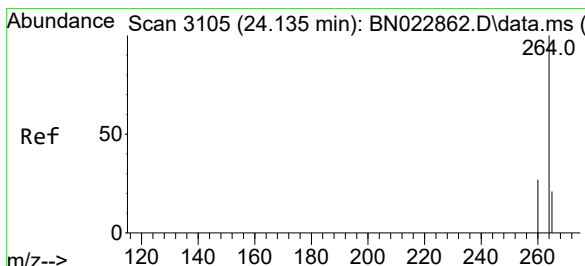
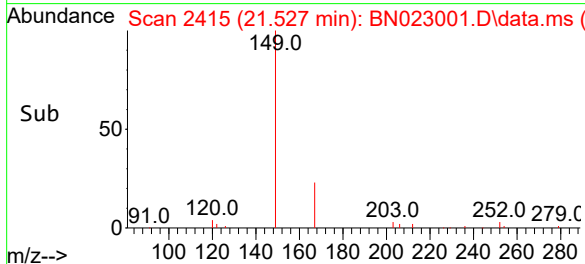
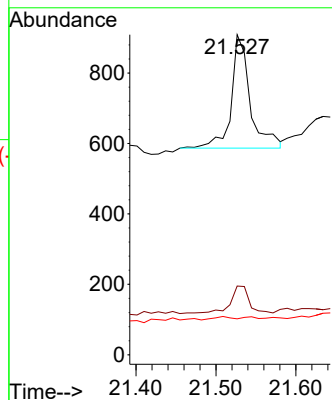
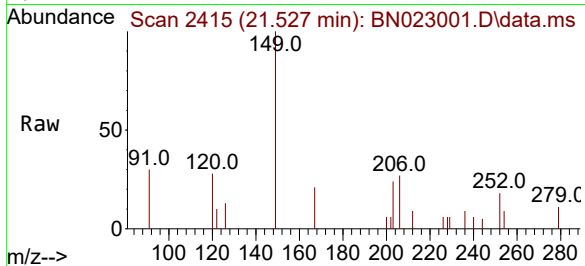




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.527 min Scan# 2415
 Delta R.T. -0.013 min
 Lab File: BN023001.D
 Acq: 01 Dec 2022 02:54

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20221118

Tgt Ion:149 Resp: 525
 Ion Ratio Lower Upper
 149 100
 167 22.1 21.3 31.9
 279 1.3 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.109 min Scan# 3096
 Delta R.T. -0.004 min
 Lab File: BN023001.D
 Acq: 01 Dec 2022 02:54

Tgt Ion:264 Resp: 5824
 Ion Ratio Lower Upper
 264 100
 260 28.2 21.7 32.5
 265 76.3 31.0 46.4#

