

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025520.D
 Acq On : 20 May 2023 12:21
 Operator : CG/JU
 Sample : 02834-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20230517

Quant Time: May 22 01:59:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 22 01:54:38 2023
 Response via : Initial Calibration

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

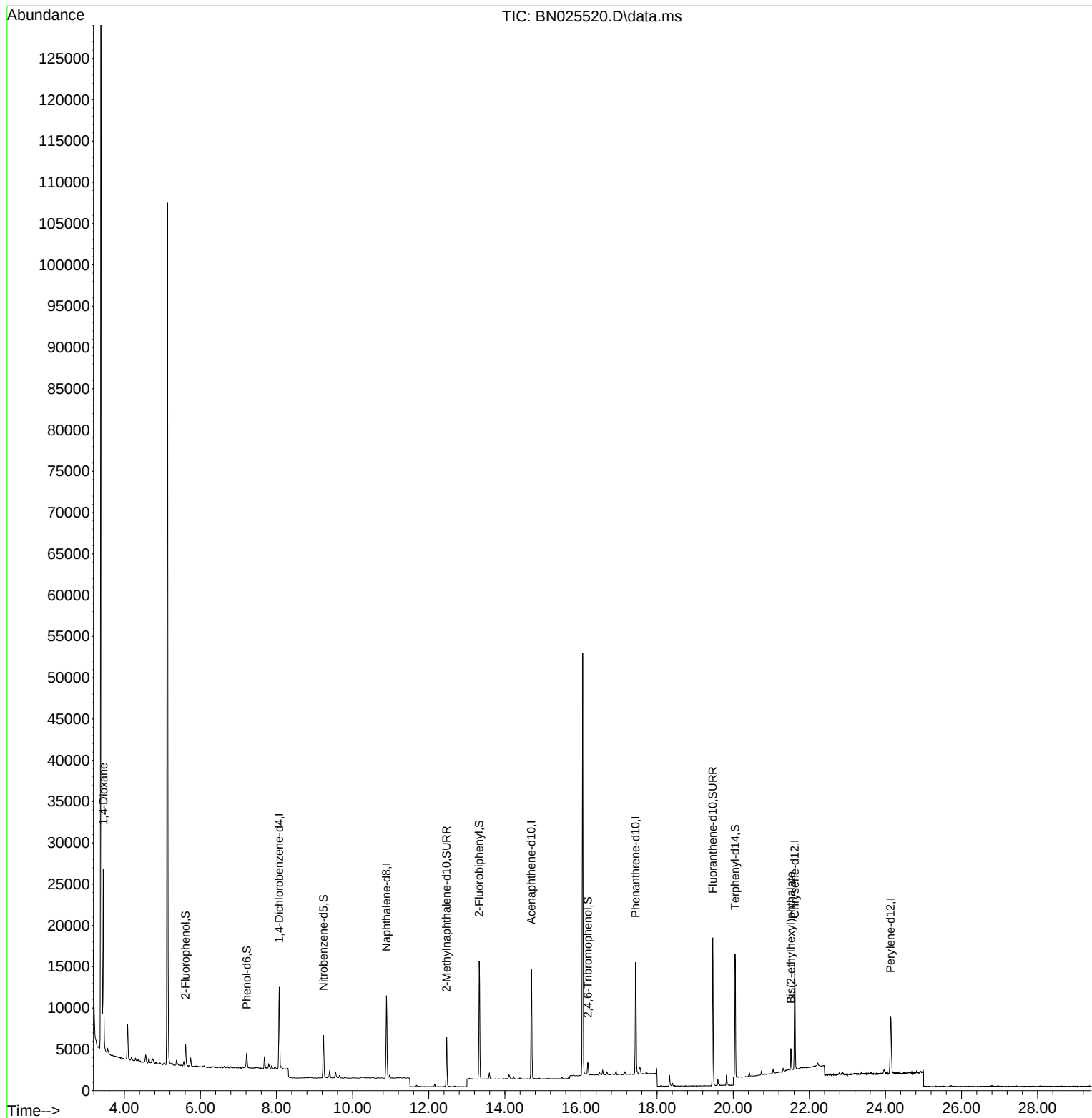
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	4702	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	13467	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	7838	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	18054	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	12157	0.400	ng	# 0.00
35) Perylene-d12	24.138	264	10424	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	1998	0.188	ng	0.00
5) Phenol-d6	7.218	99	1618	0.119	ng	0.00
8) Nitrobenzene-d5	9.234	82	4309	0.401	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	8037	0.429	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	795	0.260	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	12631	0.421	ng	-0.01
27) Fluoranthene-d10	19.465	212	20031	0.481	ng	0.00
31) Terphenyl-d14	20.049	244	13385	0.619	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	13117	2.734	ng	98
34) Bis(2-ethylhexyl)phtha...	21.518	149	2617	0.101	ng	# 94

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

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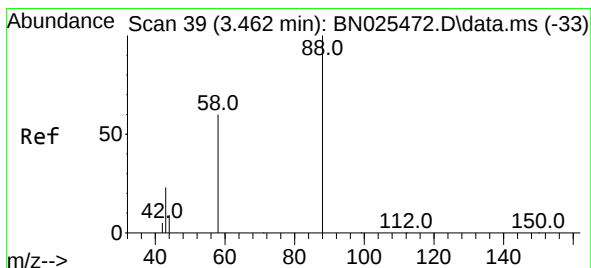
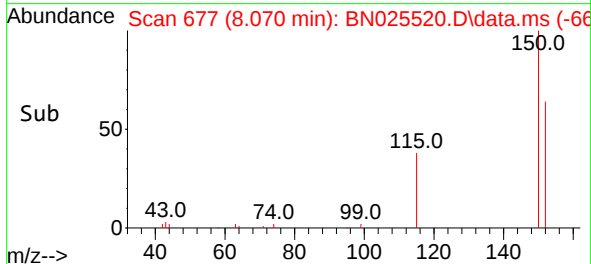
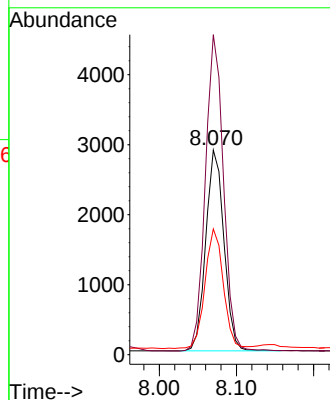
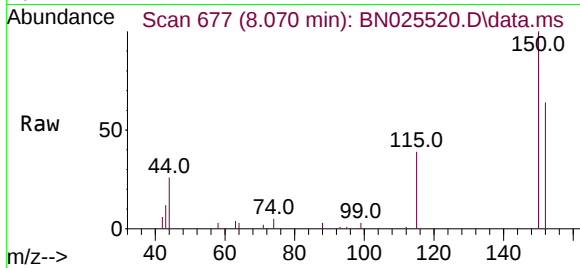




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.070 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025520.D
 Acq: 20 May 2023 12:21

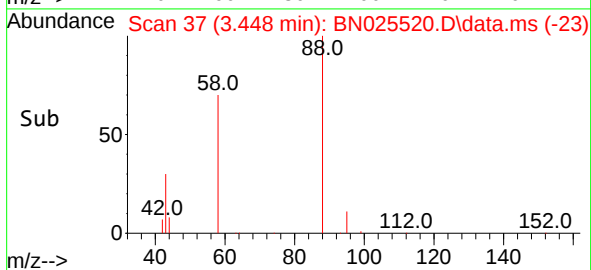
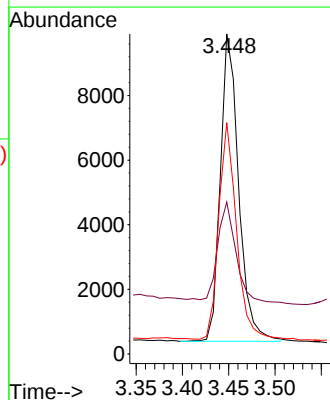
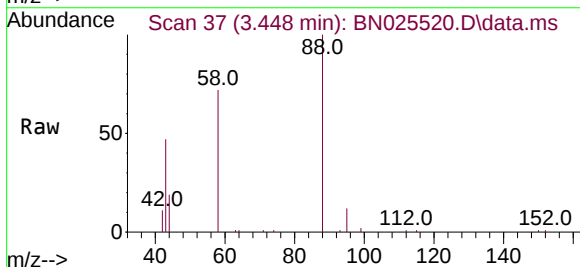
Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20230517

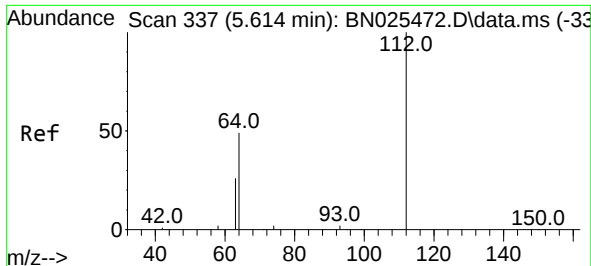
Tgt Ion:152 Resp: 4702
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.3 187.9
 115 61.5 50.2 75.2



#2
 1,4-Dioxane
 Concen: 2.734 ng
 RT: 3.448 min Scan# 37
 Delta R.T. 0.000 min
 Lab File: BN025520.D
 Acq: 20 May 2023 12:21

Tgt Ion: 88 Resp: 13117
 Ion Ratio Lower Upper
 88 100
 43 32.0 23.8 35.6
 58 68.3 55.1 82.7

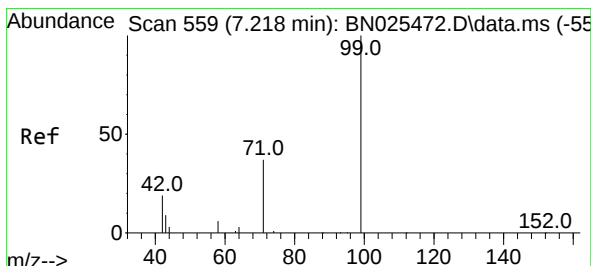
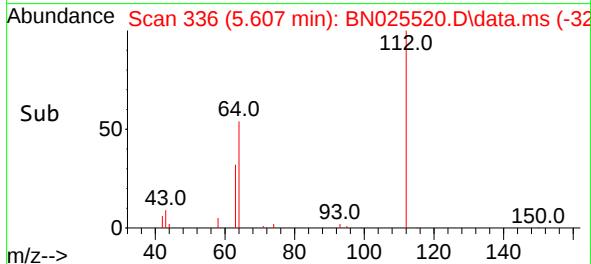
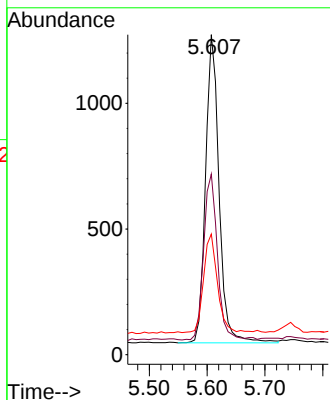
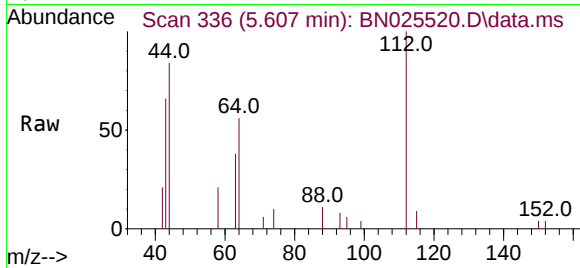




#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.607 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN025520.D
Acq: 20 May 2023 12:21

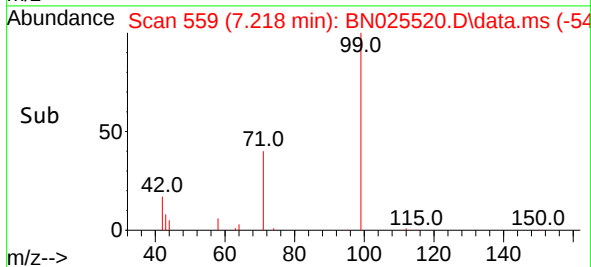
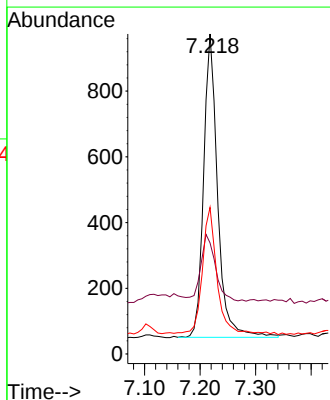
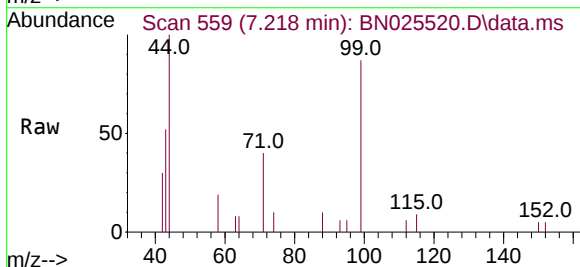
Instrument :
BNA_N
ClientSampleId :
DUP02-20230517

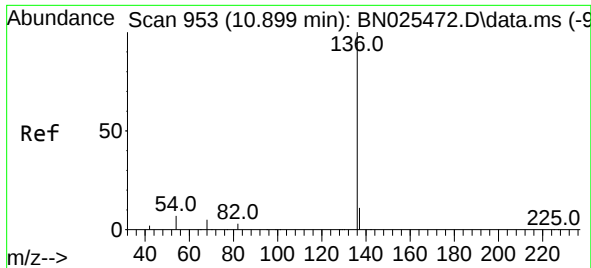
Tgt Ion:112 Resp: 1998
Ion Ratio Lower Upper
112 100
64 54.6 44.0 66.0
63 32.8 24.0 36.0



#5
Phenol-d6
Concen: 0.119 ng
RT: 7.218 min Scan# 559
Delta R.T. 0.000 min
Lab File: BN025520.D
Acq: 20 May 2023 12:21

Tgt Ion: 99 Resp: 1618
Ion Ratio Lower Upper
99 100
42 22.7 15.8 23.8
71 41.9 28.6 43.0

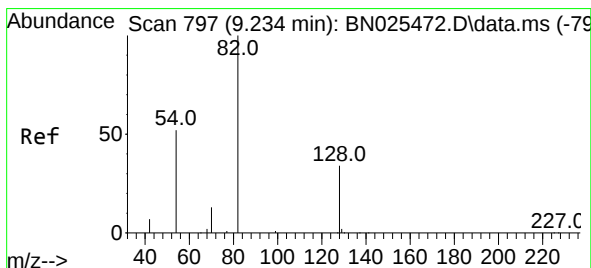
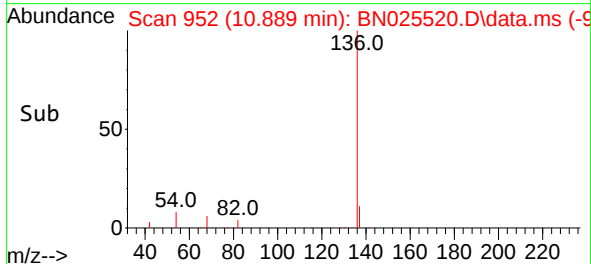
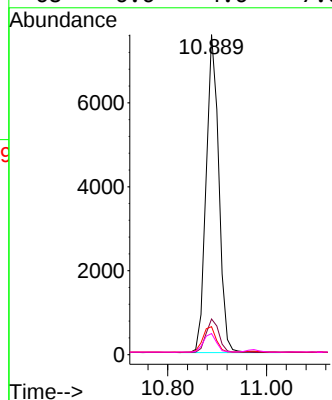
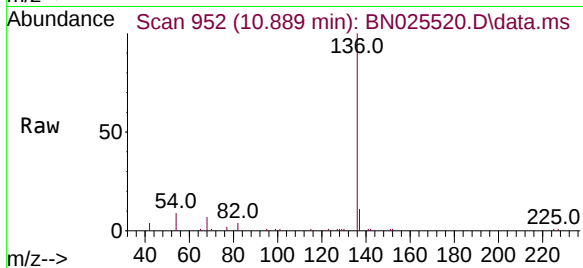




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN025520.D
Acq: 20 May 2023 12:21

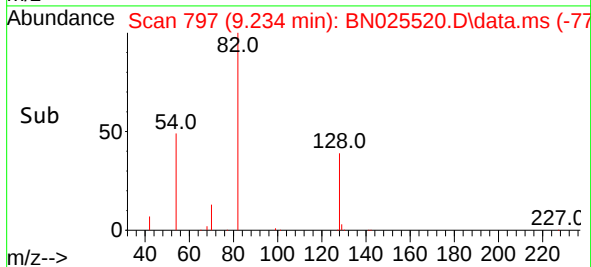
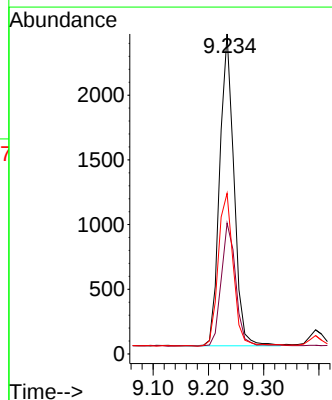
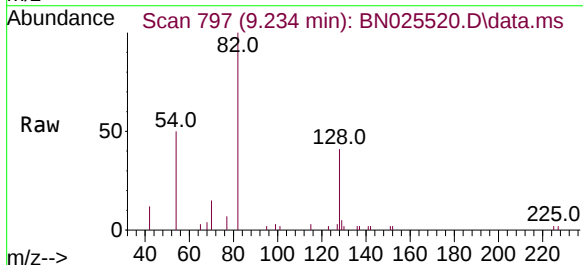
Instrument :
BNA_N
ClientSampleId :
DUP02-20230517

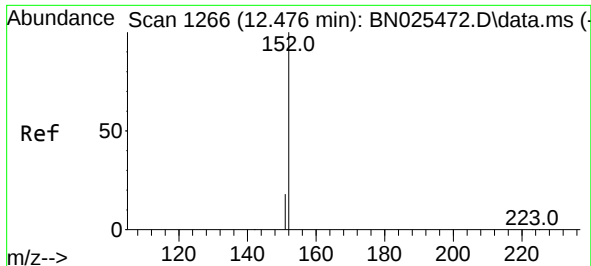
Tgt Ion:	136	Resp:	13467
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	8.7	5.8	8.6#
68	6.6	4.6	7.0



#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 9.234 min Scan# 797
Delta R.T. 0.000 min
Lab File: BN025520.D
Acq: 20 May 2023 12:21

Tgt Ion:	82	Resp:	4309
Ion Ratio	Lower	Upper	
82	100		
128	40.9	27.9	41.9
54	50.2	42.4	63.6





#11

2-Methylnaphthalene-d10

Concen: 0.429 ng

RT: 12.468 min Scan# 1

Delta R.T. -0.004 min

Lab File: BN025520.D

Acq: 20 May 2023 12:21

Instrument :

BNA_N

ClientSampleId :

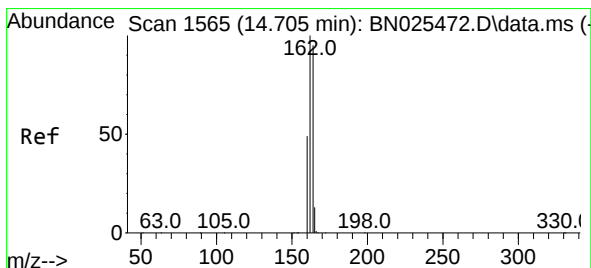
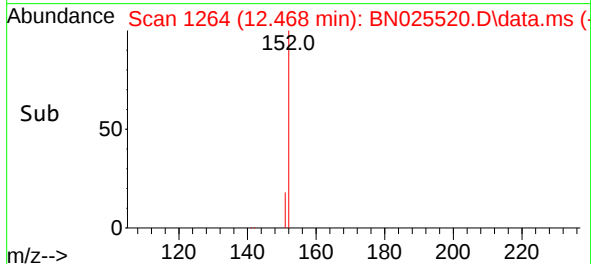
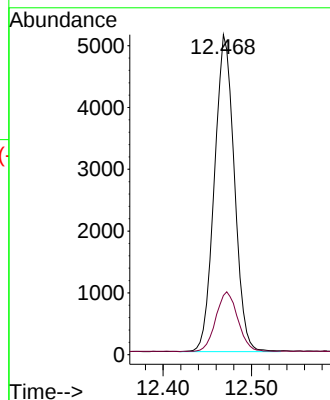
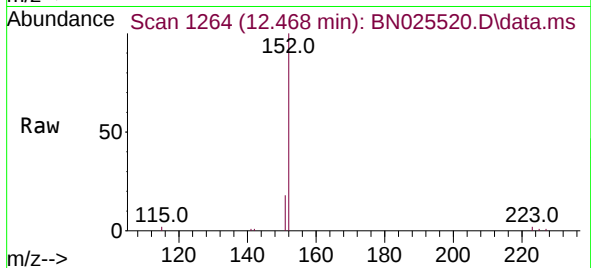
DUP02-20230517

Tgt Ion:152 Resp: 8037

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.694 min Scan# 1564

Delta R.T. -0.011 min

Lab File: BN025520.D

Acq: 20 May 2023 12:21

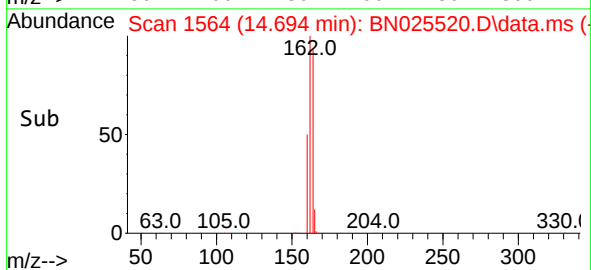
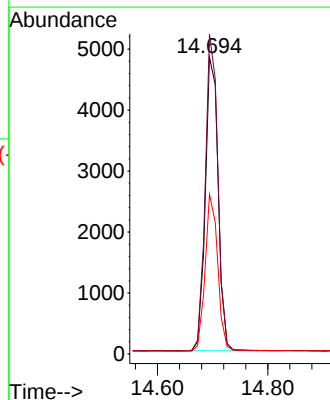
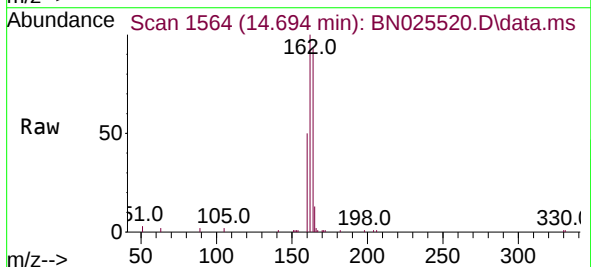
Tgt Ion:164 Resp: 7838

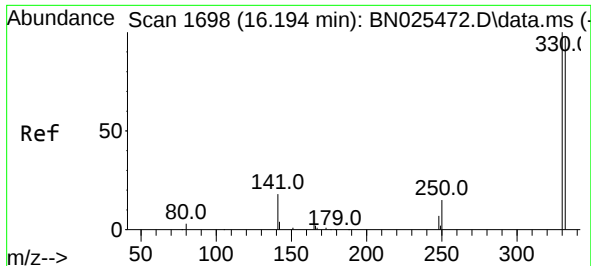
Ion Ratio Lower Upper

164 100

162 107.8 84.2 126.2

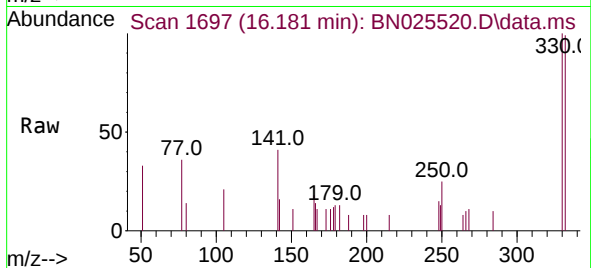
160 53.8 41.4 62.2



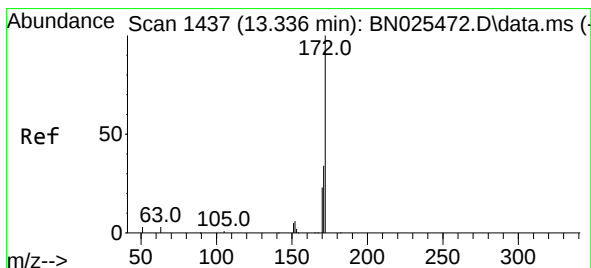
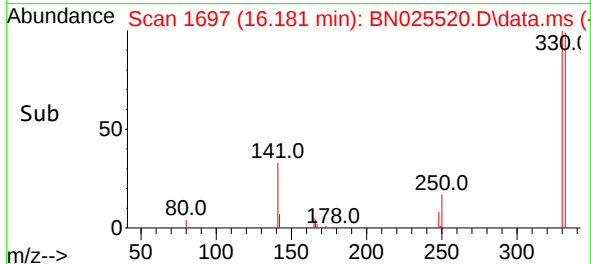
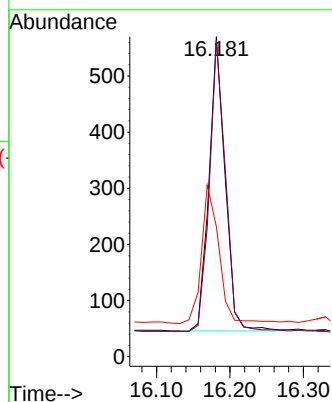


#14
2,4,6-Tribromophenol
Concen: 0.260 ng
RT: 16.181 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN025520.D
Acq: 20 May 2023 12:21

Instrument :
BNA_N
ClientSampleId :
DUP02-20230517

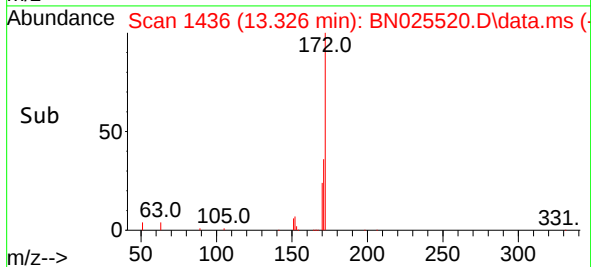
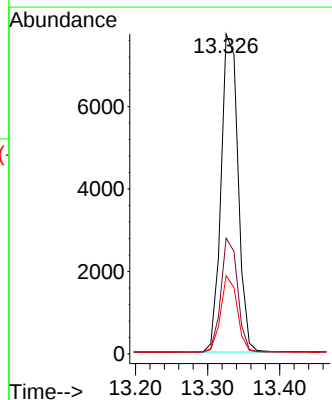
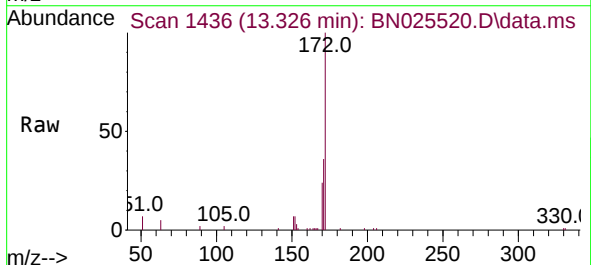


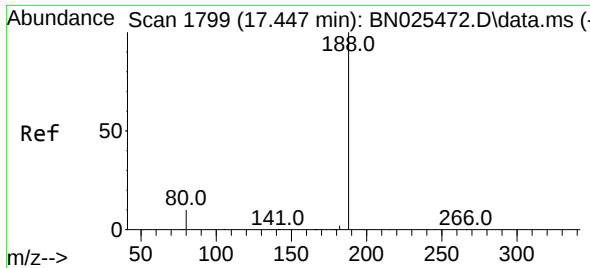
Tgt Ion:330 Resp: 795
Ion Ratio Lower Upper
330 100
332 98.9 76.1 114.1
141 51.6 36.1 54.1



#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.326 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BN025520.D
Acq: 20 May 2023 12:21

Tgt Ion:172 Resp: 12631
Ion Ratio Lower Upper
172 100
171 36.2 27.6 41.4
170 24.4 18.9 28.3

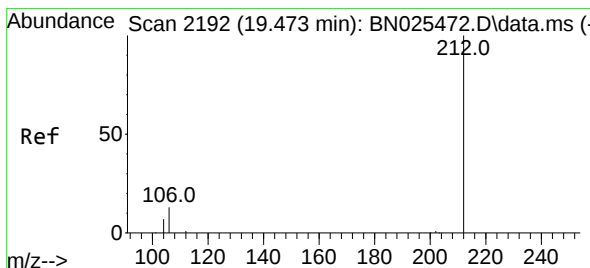
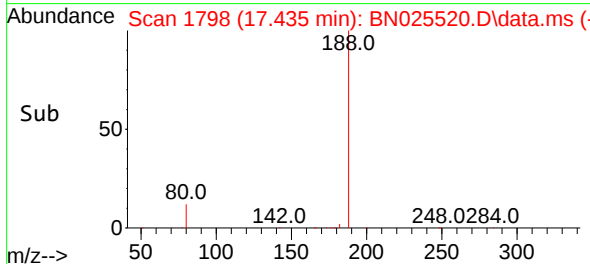
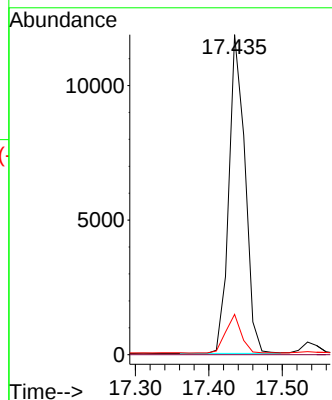
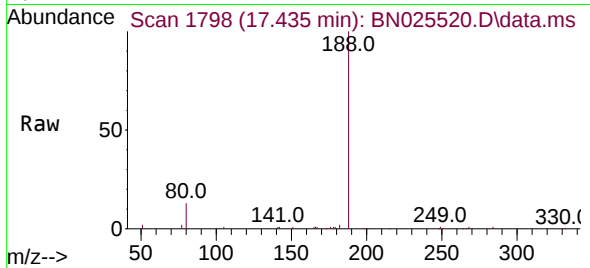




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025520.D
Acq: 20 May 2023 12:21

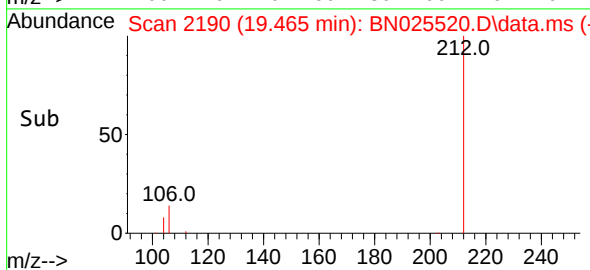
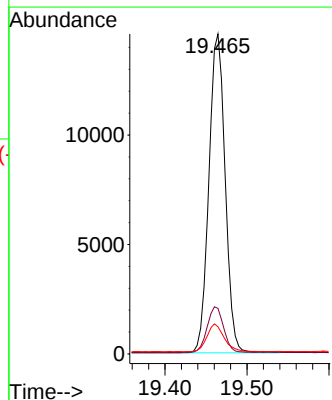
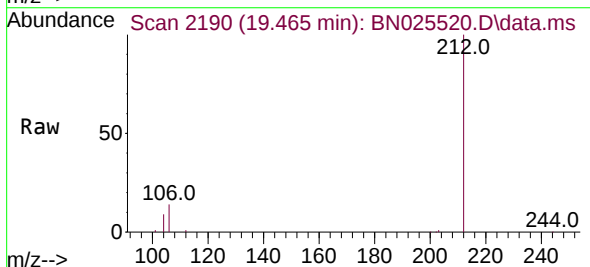
Instrument :
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DUP02-20230517

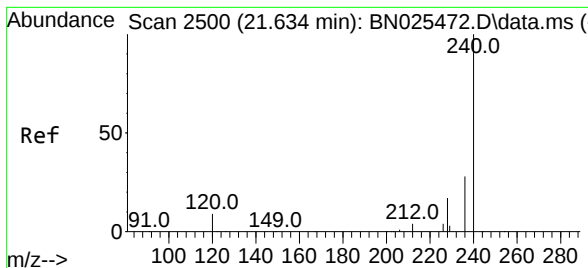
Tgt Ion:188 Resp: 18054
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 8.2 12.4#



#27
Fluoranthene-d10
Concen: 0.481 ng
RT: 19.465 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BN025520.D
Acq: 20 May 2023 12:21

Tgt Ion:212 Resp: 20031
Ion Ratio Lower Upper
212 100
106 14.4 11.4 17.2
104 9.1 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.616 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BN025520.D

Acq: 20 May 2023 12:21

Instrument :

BNA_N

ClientSampleId :

DUP02-20230517

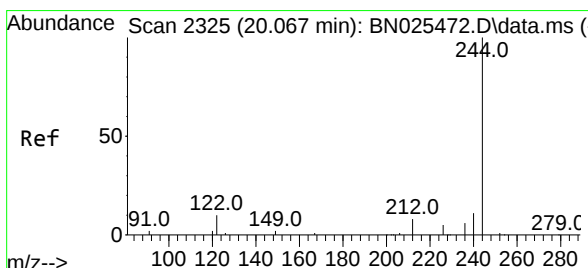
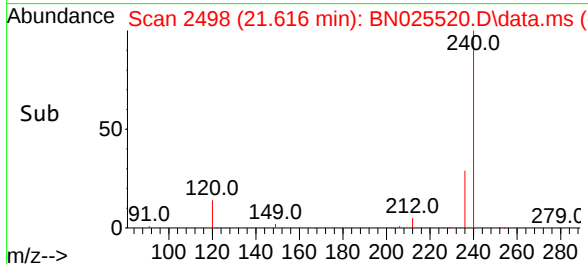
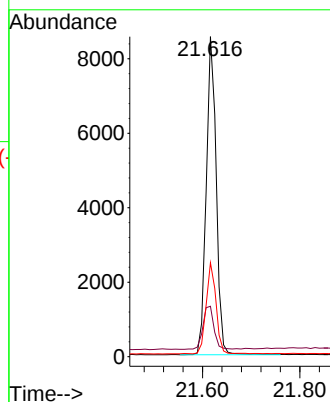
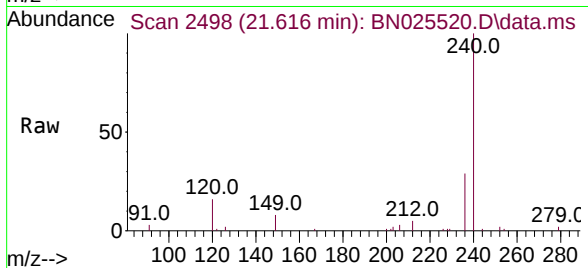
Tgt Ion:240 Resp: 12157

Ion Ratio Lower Upper

240 100

120 15.7 8.6 12.8#

236 29.4 22.7 34.1



#31

Terphenyl-d14

Concen: 0.619 ng

RT: 20.049 min Scan# 2323

Delta R.T. 0.000 min

Lab File: BN025520.D

Acq: 20 May 2023 12:21

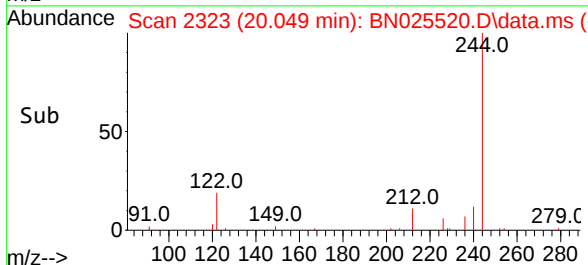
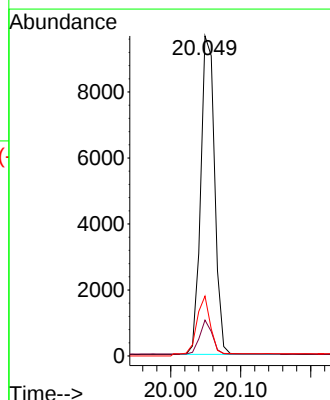
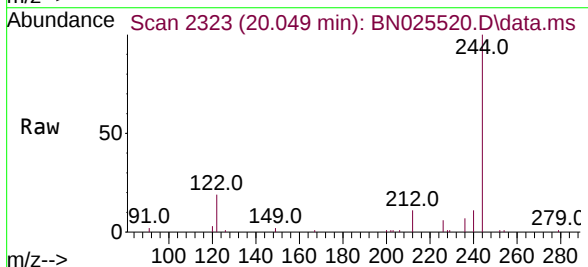
Tgt Ion:244 Resp: 13385

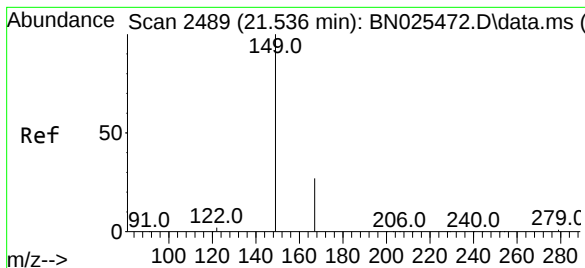
Ion Ratio Lower Upper

244 100

212 11.2 6.6 10.0#

122 18.7 8.1 12.1#

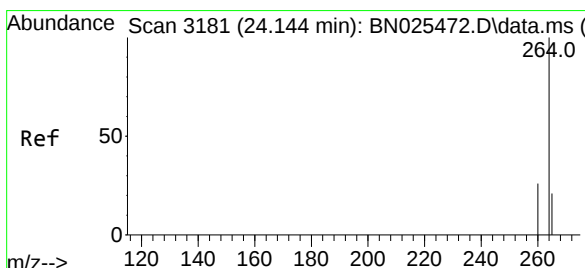
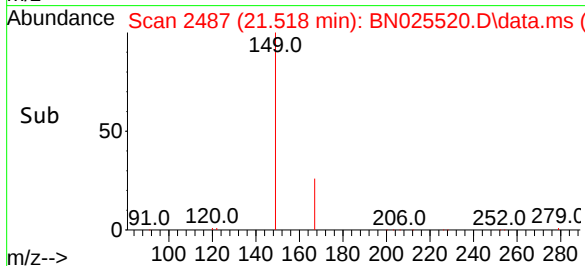
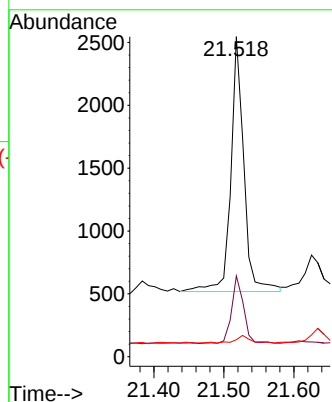
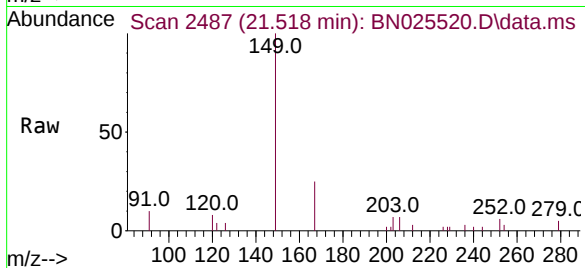




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.518 min Scan# 2487
 Delta R.T. 0.000 min
 Lab File: BN025520.D
 Acq: 20 May 2023 12:21

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20230517

Tgt Ion:149 Resp: 2617
 Ion Ratio Lower Upper
 149 100
 167 24.0 22.0 33.0
 279 4.0 2.6 3.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.138 min Scan# 3179
 Delta R.T. 0.018 min
 Lab File: BN025520.D
 Acq: 20 May 2023 12:21

Tgt Ion:264 Resp: 10424
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.2 31.8
 265 44.3 27.1 40.7#

