

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025672.D
 Acq On : 28 May 2023 08:30
 Operator : CG/JU
 Sample : 02911-18
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230522

Quant Time: May 29 01:14:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

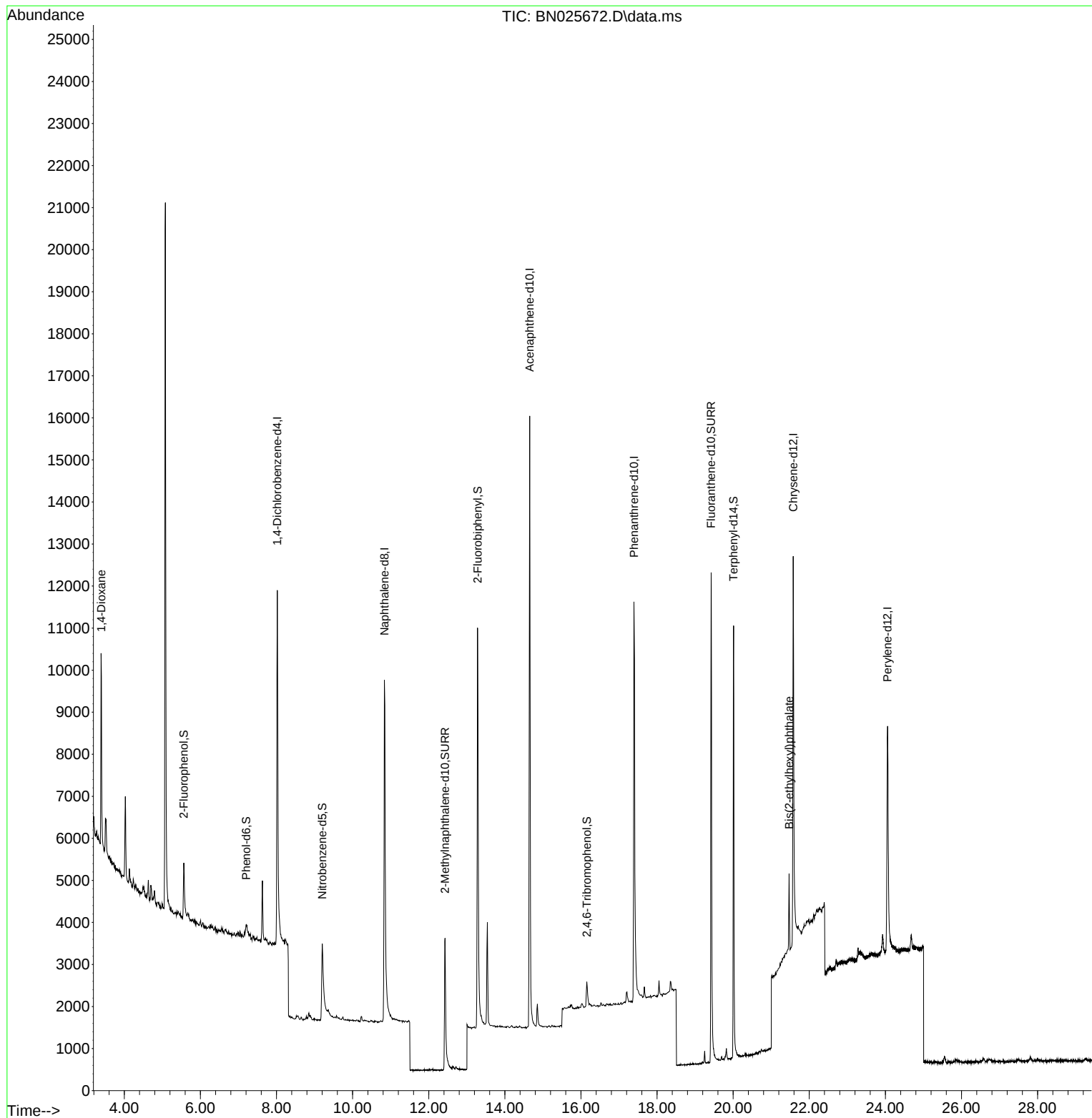
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5565	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15116	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	8894	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17851	0.400	ng	0.00
29) Chrysene-d12	21.578	240	10988	0.400	ng	0.00
35) Perylene-d12	24.057	264	9722	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1535	0.108	ng	0.00
5) Phenol-d6	7.203	99	780	0.046	ng	0.03
8) Nitrobenzene-d5	9.202	82	3241	0.256	ng	0.01
11) 2-Methylnaphthalene-d10	12.427	152	6232	0.289	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	509	0.283	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10445	0.285	ng	0.00
27) Fluoranthene-d10	19.421	212	15123	0.374	ng	0.00
31) Terphenyl-d14	20.011	244	10912	0.454	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	2954	0.458	ng	96
34) Bis(2-ethylhexyl)phtha...	21.471	149	1739	0.070	ng	97

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

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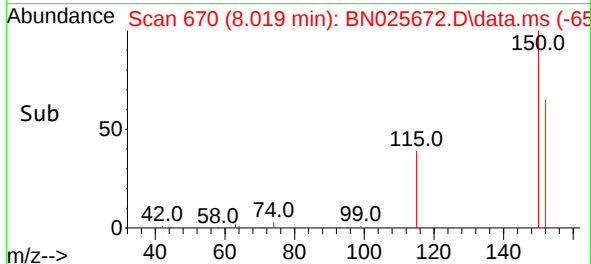
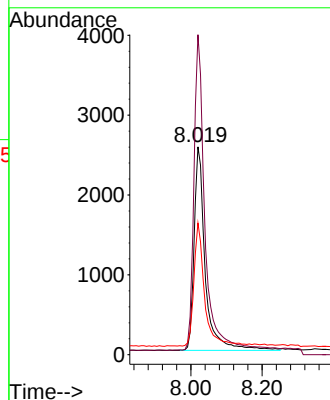
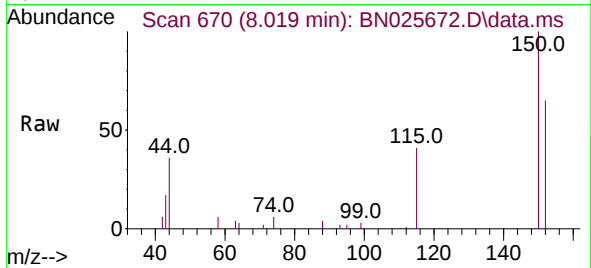




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

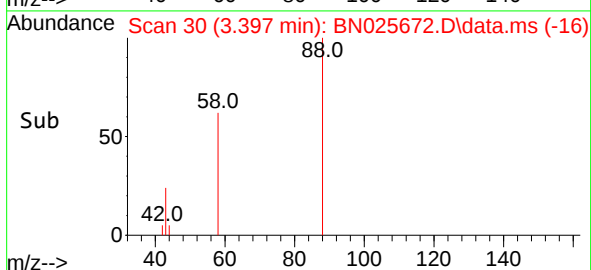
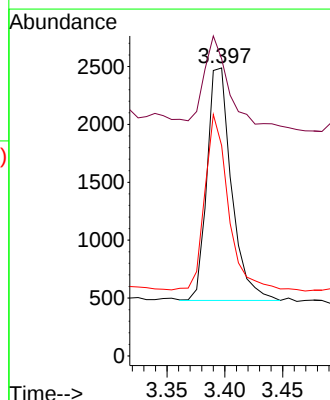
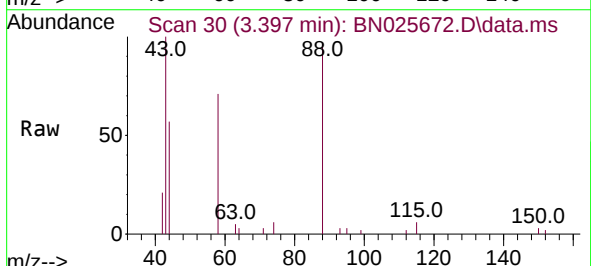
Instrument :
BNA_N
ClientSampleId :
DUP04-20230522

Tgt Ion:152 Resp: 5565
Ion Ratio Lower Upper
152 100
150 154.0 121.0 181.6
115 63.4 48.5 72.7



#2
1,4-Dioxane
Concen: 0.458 ng
RT: 3.397 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

Tgt Ion: 88 Resp: 2954
Ion Ratio Lower Upper
88 100
43 39.3 26.5 39.7
58 71.8 56.8 85.2

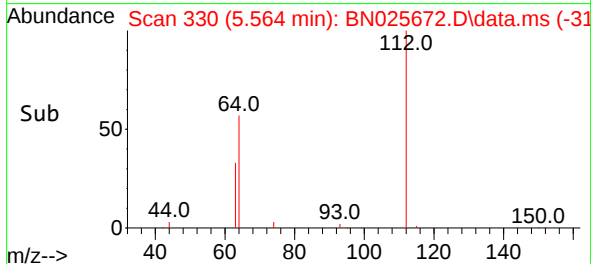
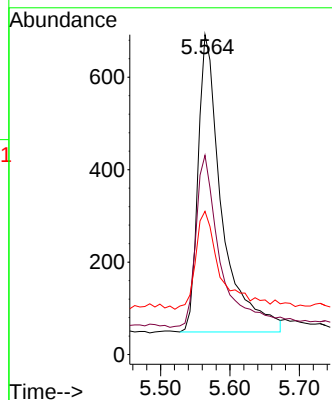
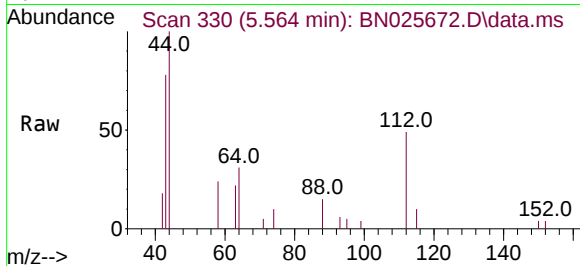




#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

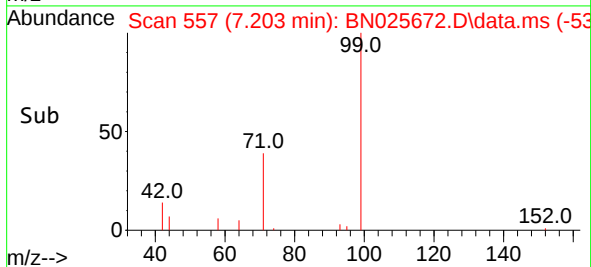
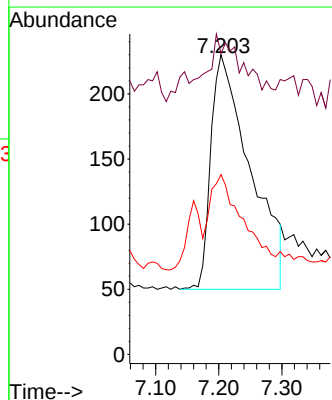
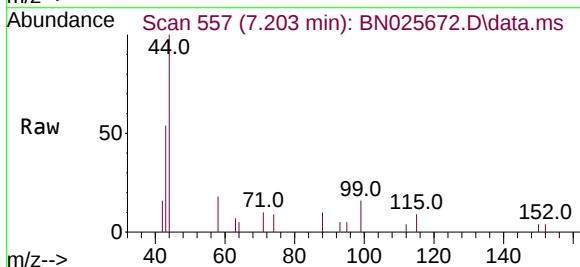
Instrument :
BNA_N
ClientSampleId :
DUP04-20230522

Tgt Ion:112 Resp: 1535
Ion Ratio Lower Upper
112 100
64 60.1 45.7 68.5
63 34.3 26.2 39.2



#5
Phenol-d6
Concen: 0.046 ng
RT: 7.203 min Scan# 557
Delta R.T. 0.029 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

Tgt Ion: 99 Resp: 780
Ion Ratio Lower Upper
99 100
42 20.3 17.1 25.7
71 28.3 29.3 43.9#

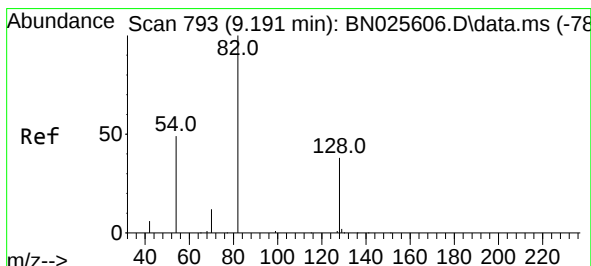
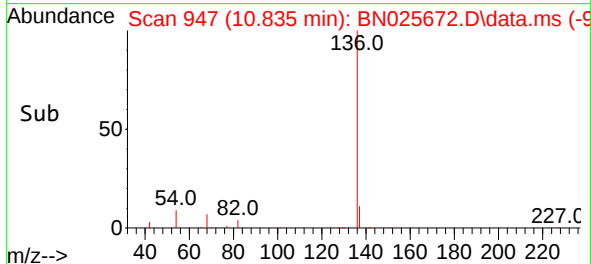
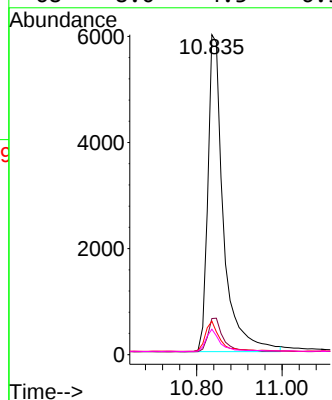
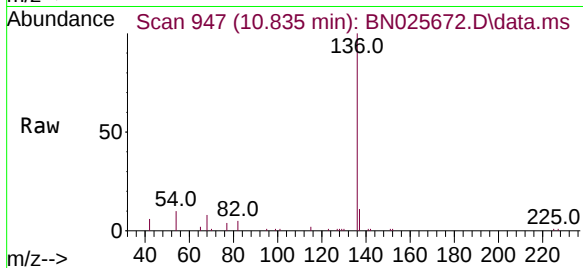




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

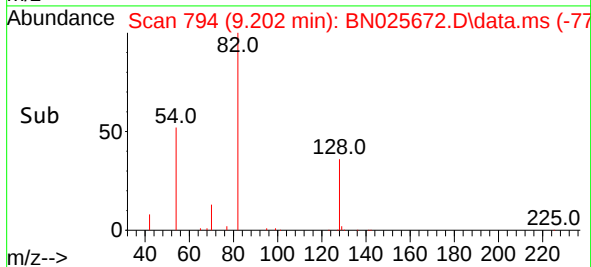
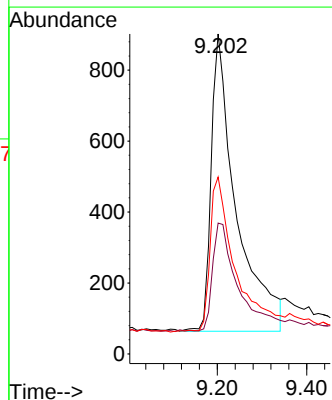
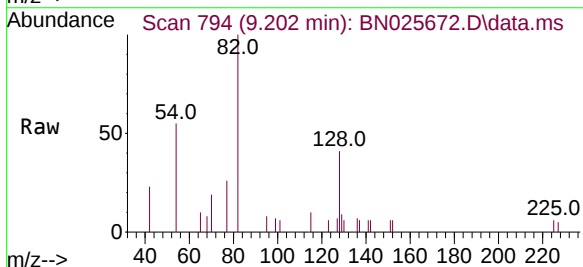
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ClientSampleId :
DUP04-20230522

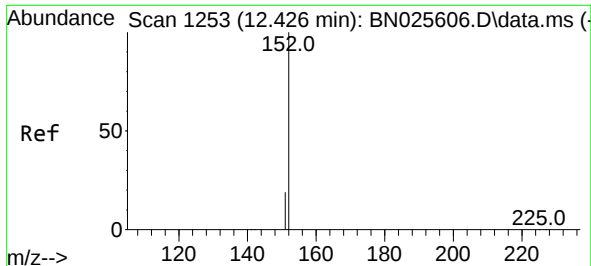
Tgt Ion:136	Resp:	15116
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	10.4	5.4 8.0#
68	8.0	4.3 6.5#



#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

Tgt Ion: 82	Resp:	3241
Ion Ratio	Lower	Upper
82	100	
128	40.9	32.5 48.7
54	55.3	40.6 60.8

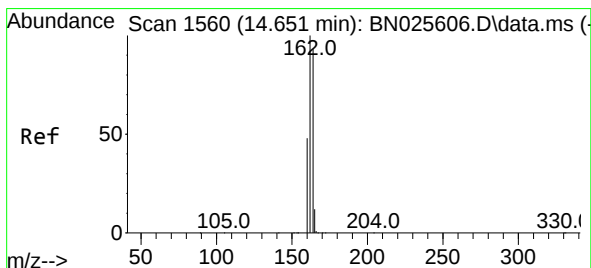
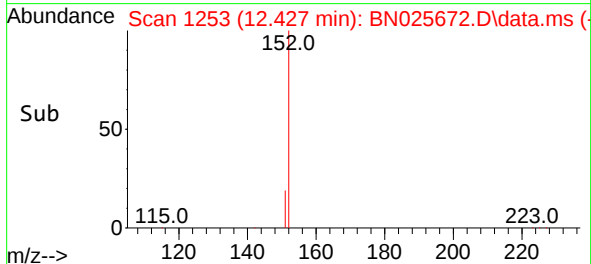
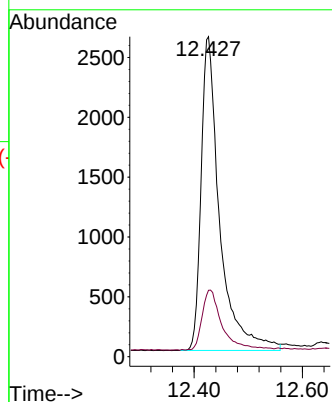
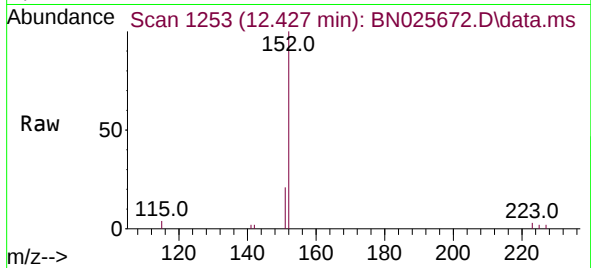




#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.427 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

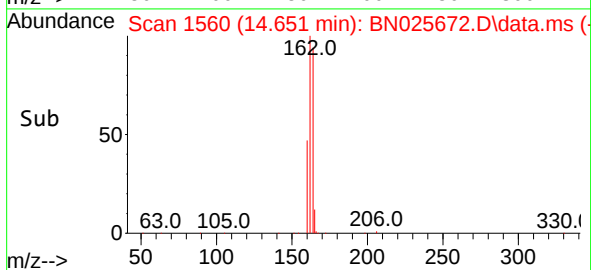
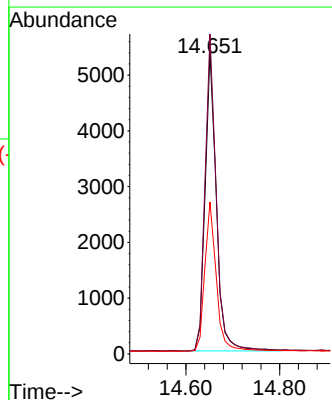
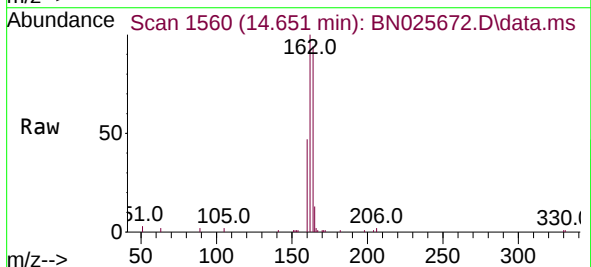
Instrument :
BNA_N
ClientSampleId :
DUP04-20230522

Tgt Ion:152 Resp: 6232
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

Tgt Ion:164 Resp: 8894
Ion Ratio Lower Upper
164 100
162 106.2 86.4 129.6
160 50.4 41.9 62.9

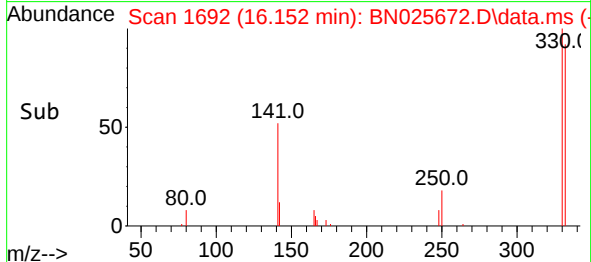
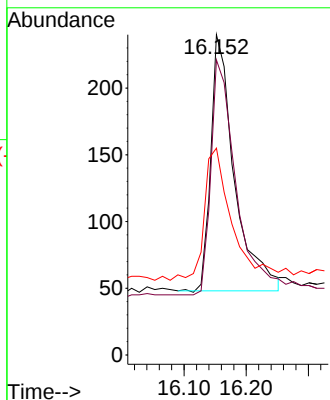
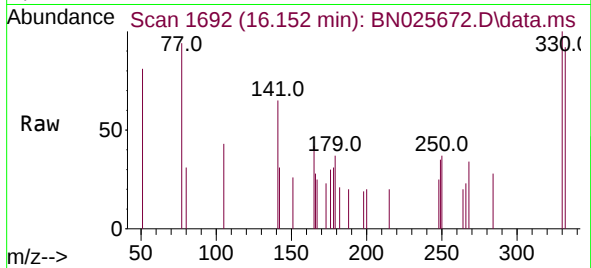




#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

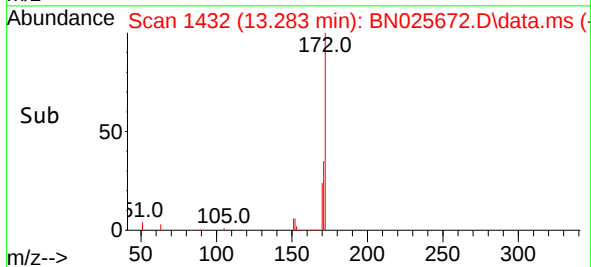
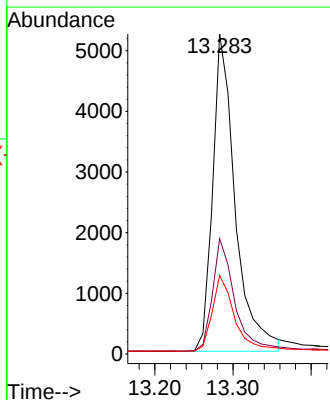
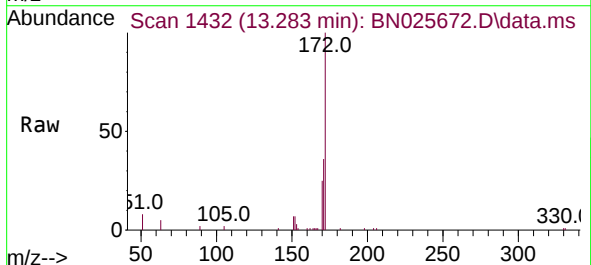
Instrument :
BNA_N
ClientSampleId :
DUP04-20230522

Tgt Ion: 330 Resp: 509
Ion Ratio Lower Upper
330 100
332 98.0 80.0 120.0
141 59.7 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

Tgt Ion: 172 Resp: 10445
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.6 19.7 29.5

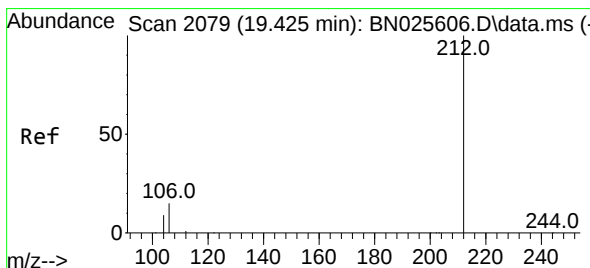
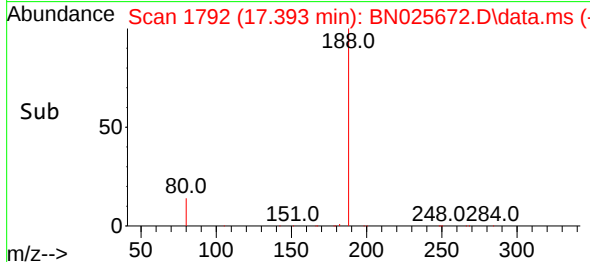
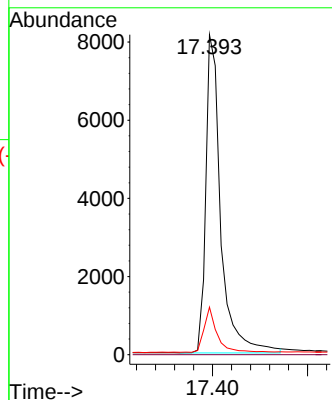
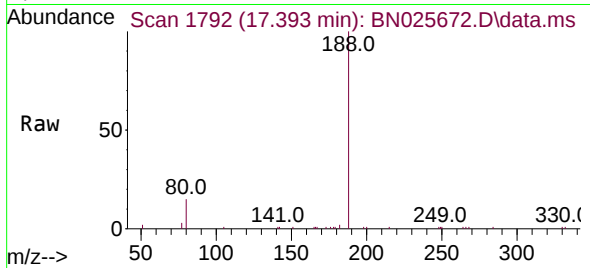




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

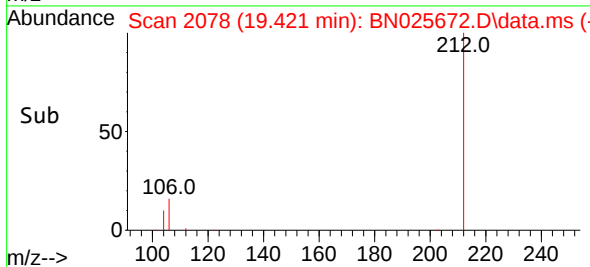
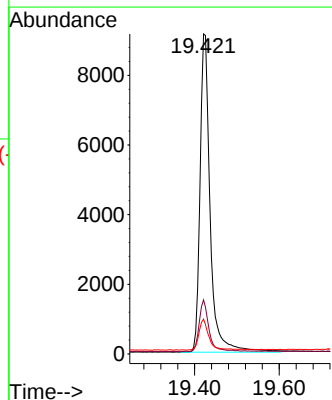
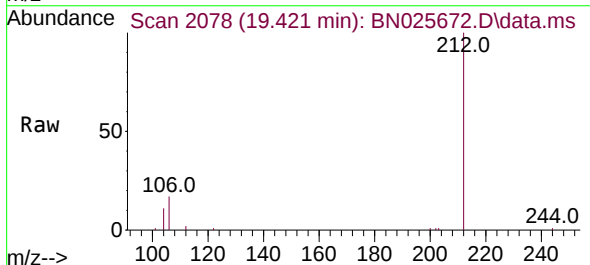
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ClientSampleId :
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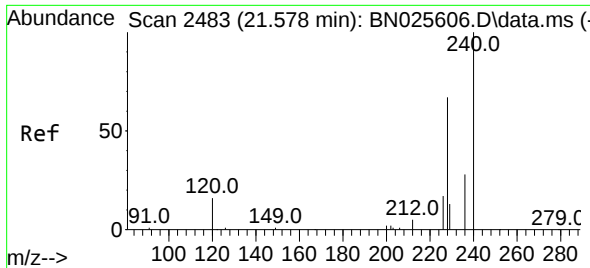
Tgt Ion:188 Resp: 17851
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.421 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

Tgt Ion:212 Resp: 15123
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 9.5 7.2 10.8

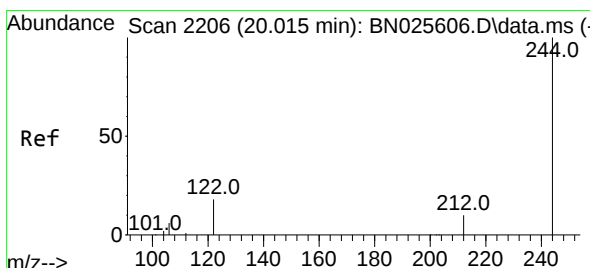
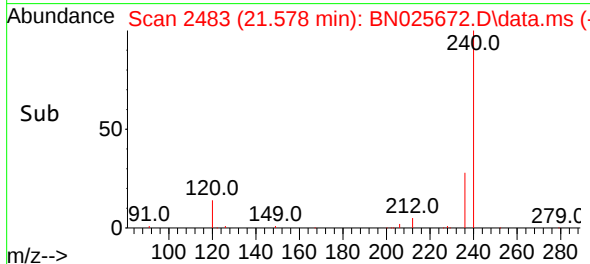
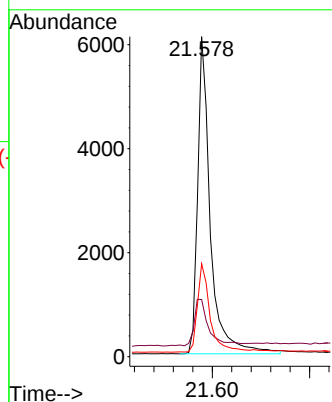
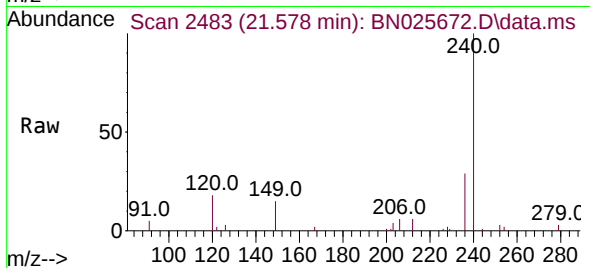




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

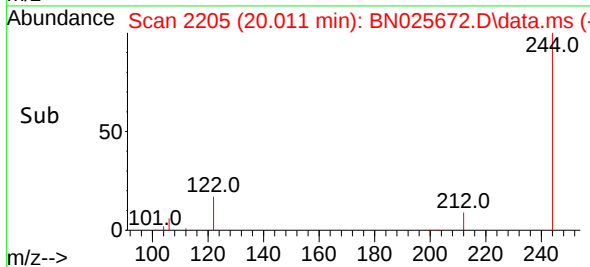
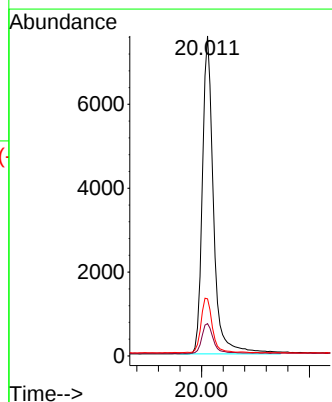
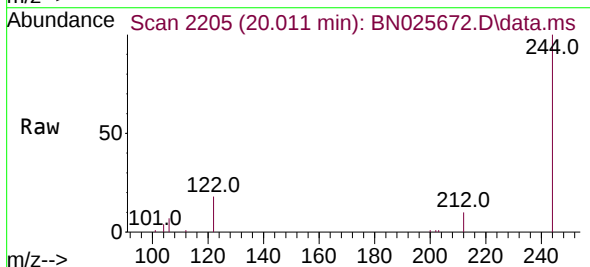
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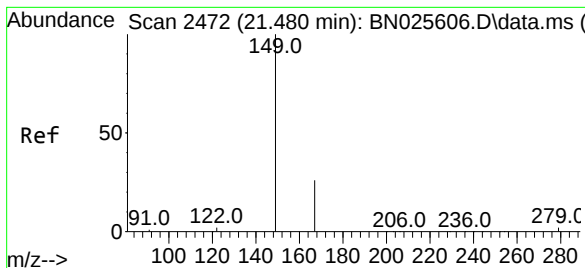
Tgt Ion:240 Resp: 10988
Ion Ratio Lower Upper
240 100
120 17.9 15.4 23.0
236 29.0 23.2 34.8



#31
Terphenyl-d14
Concen: 0.454 ng
RT: 20.011 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BN025672.D
Acq: 28 May 2023 08:30

Tgt Ion:244 Resp: 10912
Ion Ratio Lower Upper
244 100
212 10.1 8.5 12.7
122 17.9 14.9 22.3

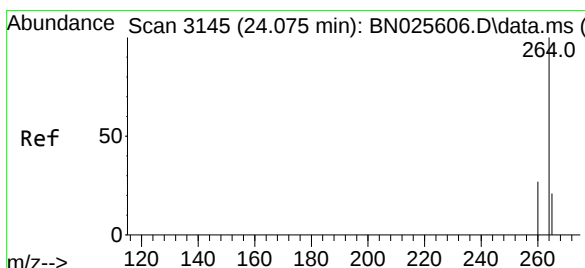
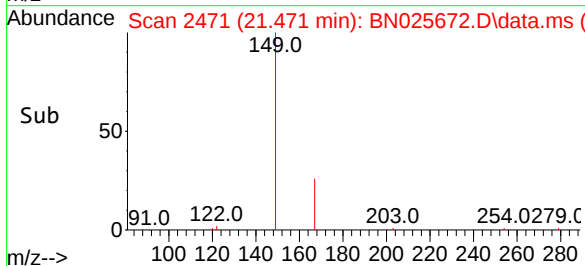
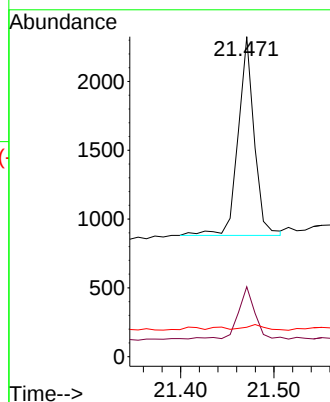
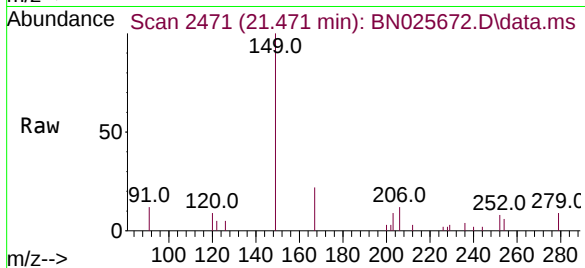




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BN025672.D
 Acq: 28 May 2023 08:30

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230522

Tgt Ion:149 Resp: 1739
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.4 30.6
 279 3.5 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.057 min Scan# 3139
 Delta R.T. -0.012 min
 Lab File: BN025672.D
 Acq: 28 May 2023 08:30

Tgt Ion:264 Resp: 9722
 Ion Ratio Lower Upper
 264 100
 260 26.8 22.3 33.5
 265 63.6 54.3 81.5

