

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
 Data File : BN025561.D
 Acq On : 23 May 2023 06:24
 Operator : CG/JU
 Sample : 02852-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-14.5-051823

Quant Time: May 23 06:57:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 23 03:22:57 2023
 Response via : Initial Calibration

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

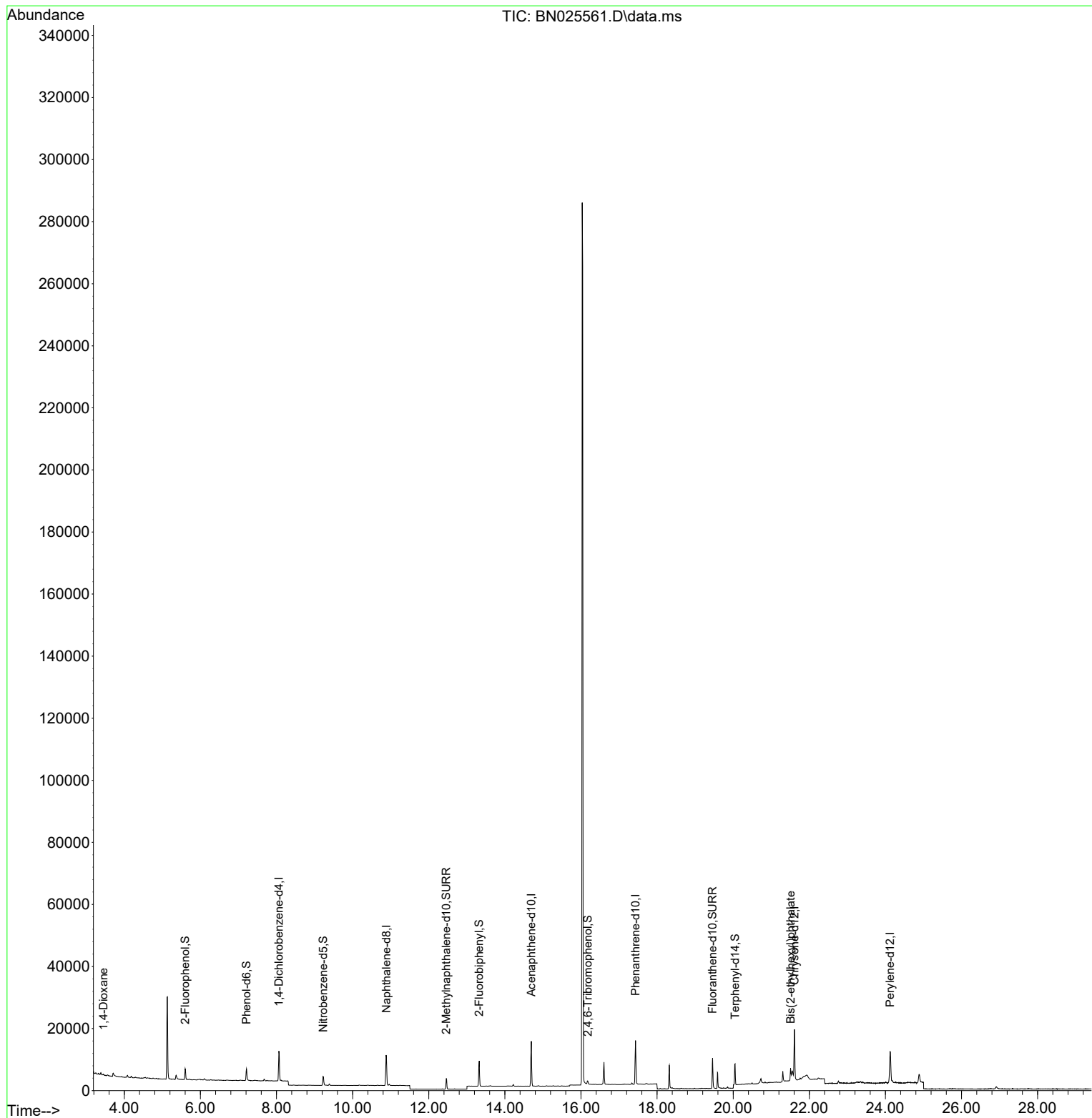
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	4786	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	14002	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	7907	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	18240	0.400	ng	0.00
29) Chrysene-d12	21.607	240	14858	0.400	ng	0.00
35) Perylene-d12	24.123	264	15494	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.600	112	2864	0.233	ng	0.00
5) Phenol-d6	7.211	99	3677	0.237	ng	0.00
8) Nitrobenzene-d5	9.223	82	2718	0.211	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	4753	0.231	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	593	0.180	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	7044	0.205	ng	0.00
27) Fluoranthene-d10	19.456	212	10183	0.236	ng	0.00
31) Terphenyl-d14	20.049	244	5805	0.189	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	182	0.033	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.509	149	3989	0.109	ng	# 90

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

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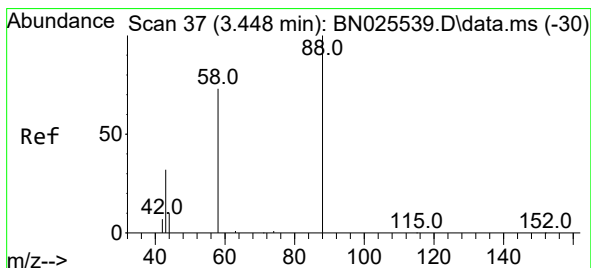
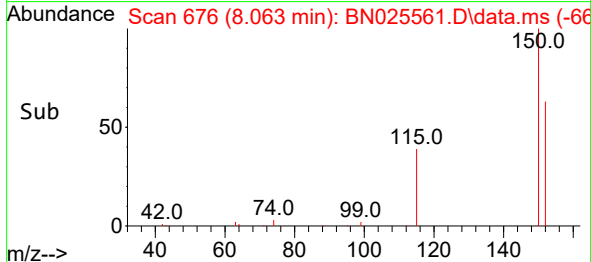
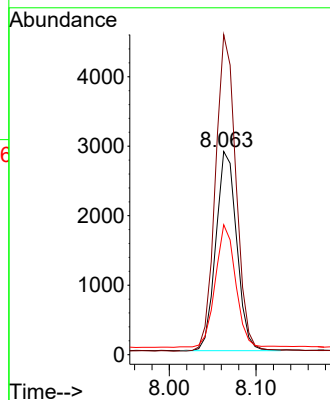
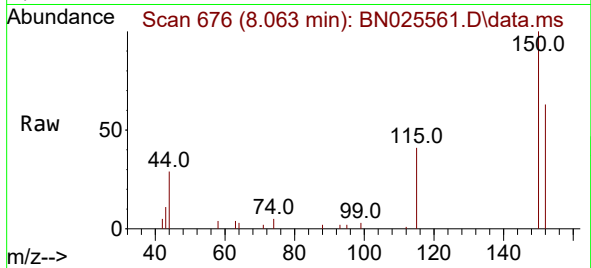




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.063 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

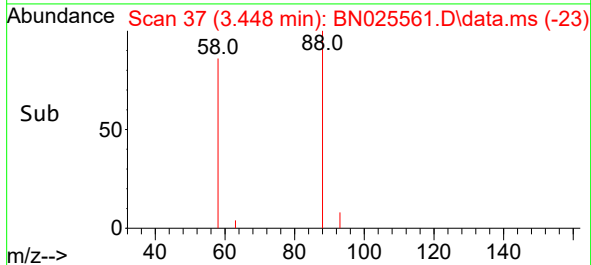
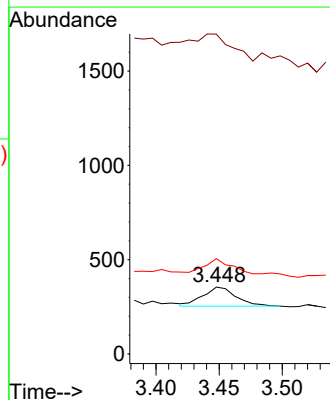
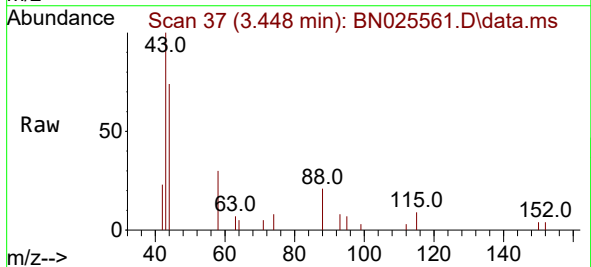
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-14.5-051823

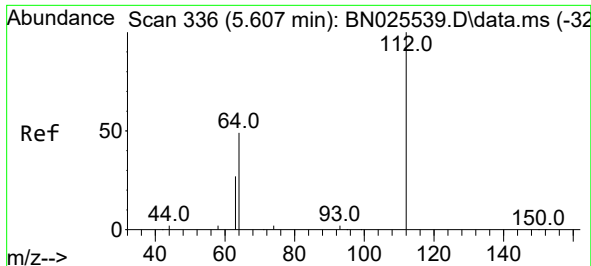
Tgt Ion:152 Resp: 4786
Ion Ratio Lower Upper
152 100
150 157.5 124.6 187.0
115 64.0 49.1 73.7



#2
1,4-Dioxane
Concen: 0.033 ng
RT: 3.448 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

Tgt Ion: 88 Resp: 182
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 64.3 54.9 82.3

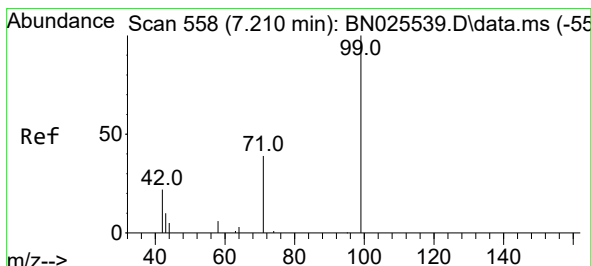
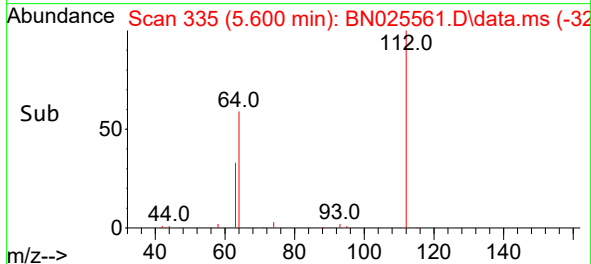
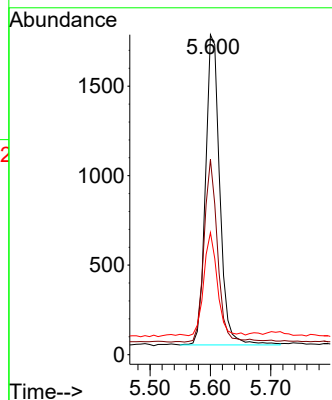
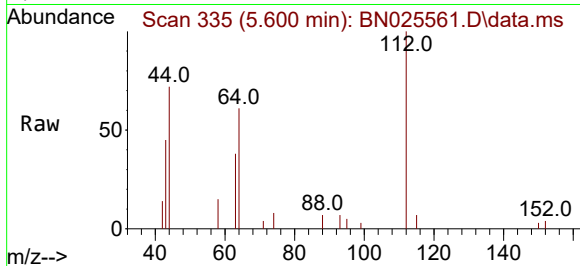




#4
2-Fluorophenol
Concen: 0.233 ng
RT: 5.600 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

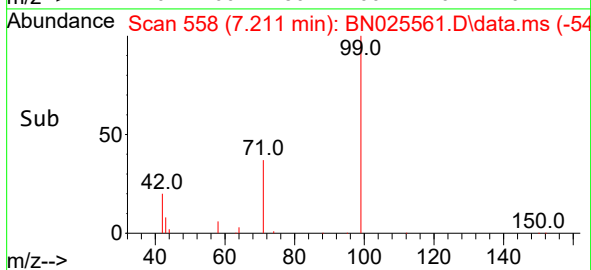
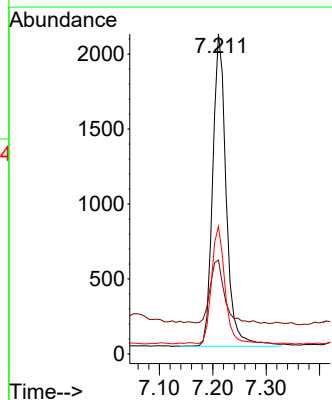
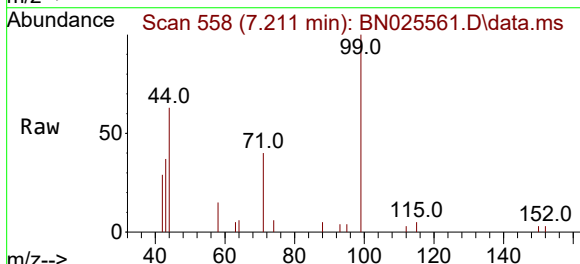
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-14.5-051823

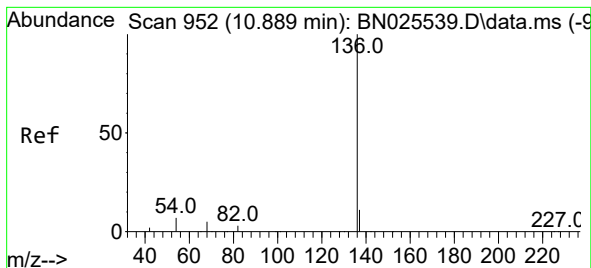
Tgt Ion:112 Resp: 2864
Ion Ratio Lower Upper
112 100
64 55.8 44.2 66.4
63 31.3 25.4 38.2



#5
Phenol-d6
Concen: 0.237 ng
RT: 7.211 min Scan# 558
Delta R.T. 0.000 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

Tgt Ion: 99 Resp: 3677
Ion Ratio Lower Upper
99 100
42 21.6 17.5 26.3
71 36.9 30.1 45.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.889 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN025561.D

Acq: 23 May 2023 06:24

Instrument :

BNA_N

ClientSampleId :

CB-32-G3-SO-14.5-051823

Tgt Ion:136 Resp: 14002

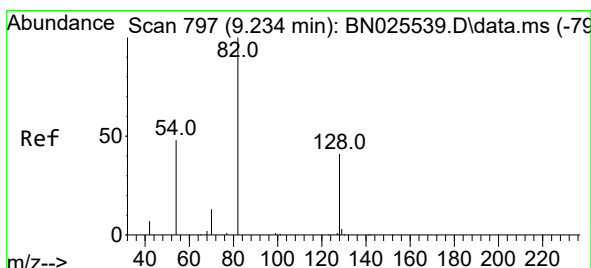
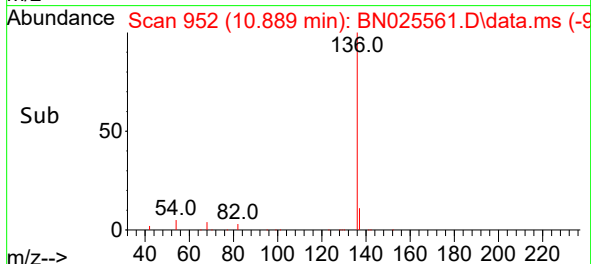
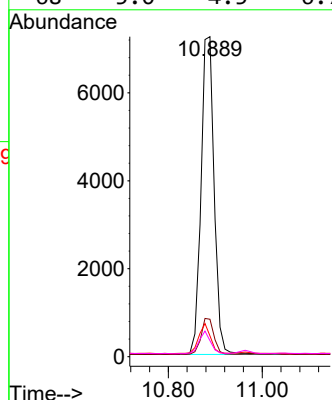
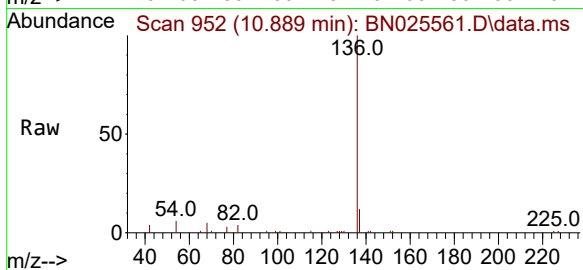
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 6.5 6.2 9.4

68 5.0 4.5 6.7



#8

Nitrobenzene-d5

Concen: 0.211 ng

RT: 9.223 min Scan# 796

Delta R.T. -0.011 min

Lab File: BN025561.D

Acq: 23 May 2023 06:24

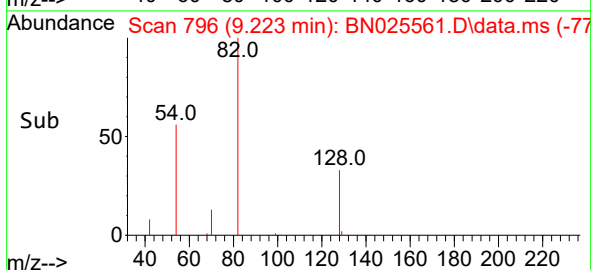
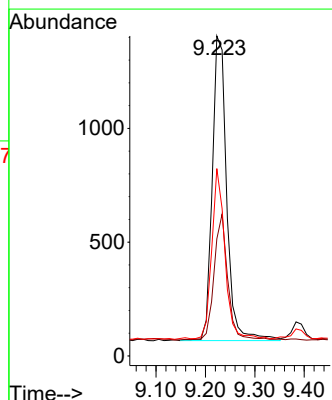
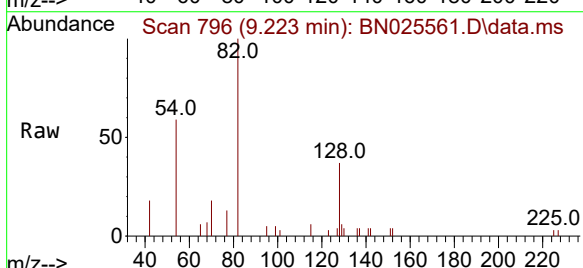
Tgt Ion: 82 Resp: 2718

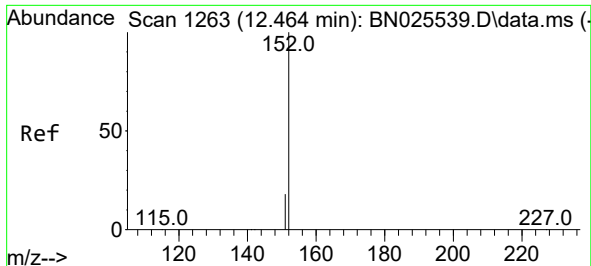
Ion Ratio Lower Upper

82 100

128 36.6 33.8 50.8

54 58.5 39.8 59.6

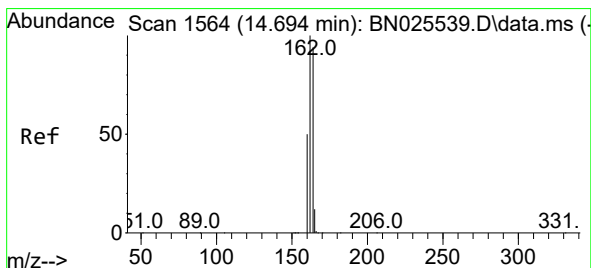
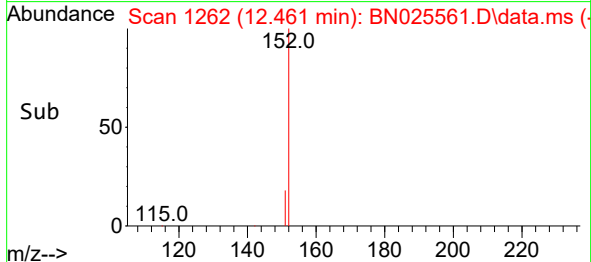
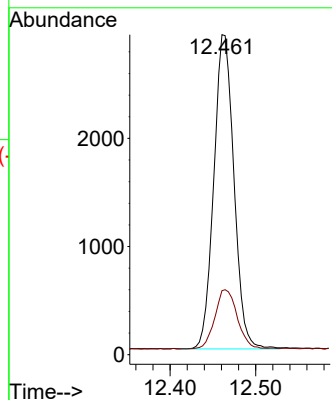
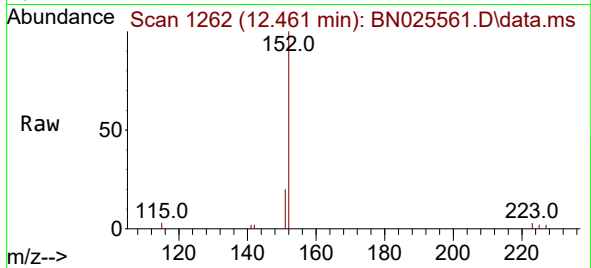




#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.461 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

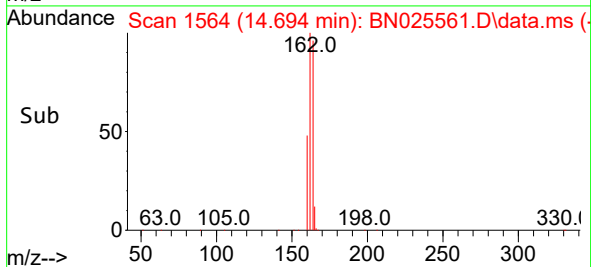
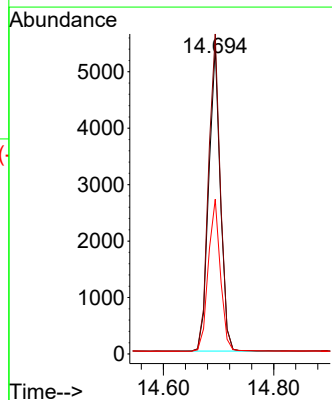
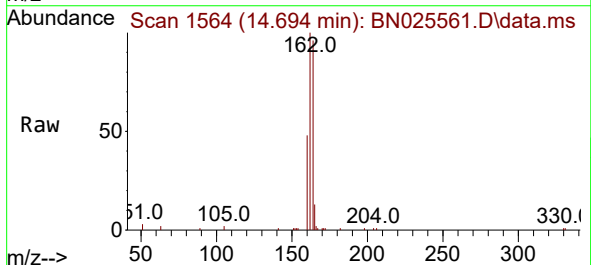
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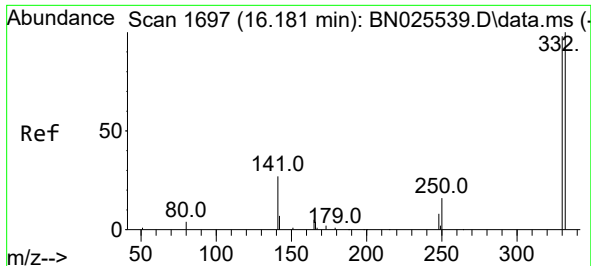
Tgt Ion:152 Resp: 4753
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

Tgt Ion:164 Resp: 7907
Ion Ratio Lower Upper
164 100
162 104.2 85.5 128.3
160 50.4 42.9 64.3

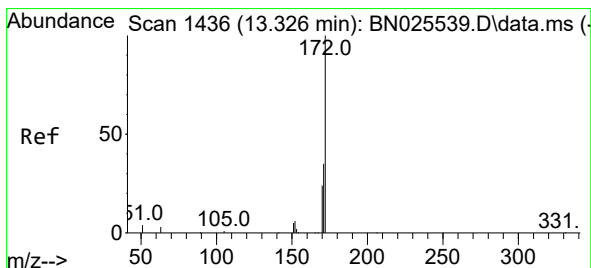
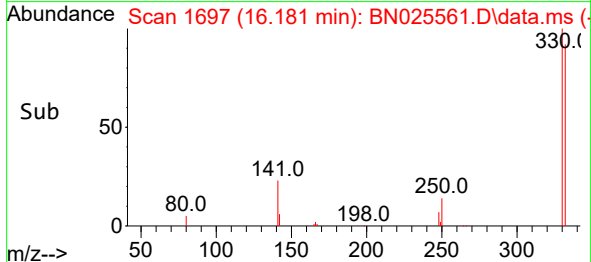
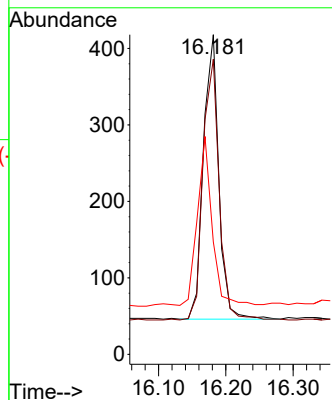
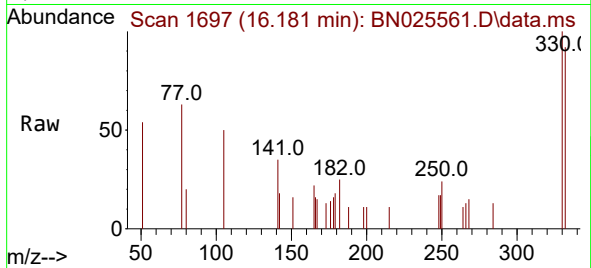




#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

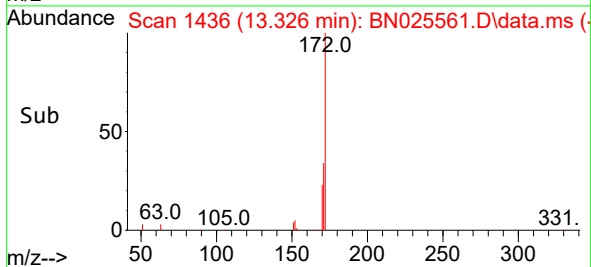
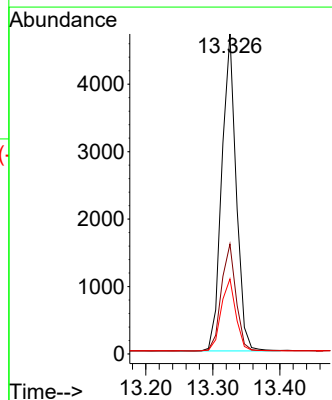
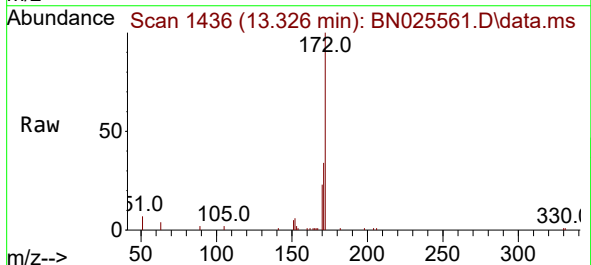
Instrument :
BNA_N
ClientSampleId :
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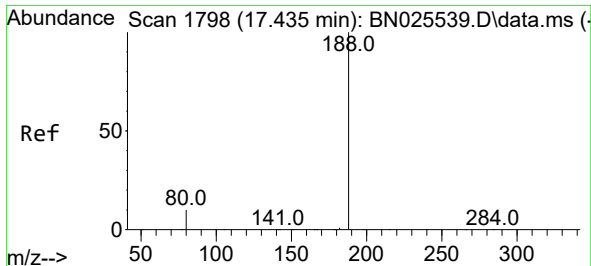
Tgt Ion:330 Resp: 593
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 55.1 43.0 64.6



#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.326 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

Tgt Ion:172 Resp: 7044
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.5 19.3 28.9

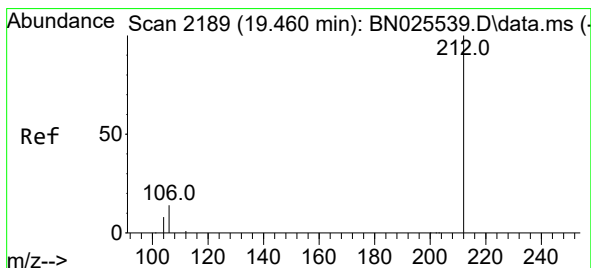
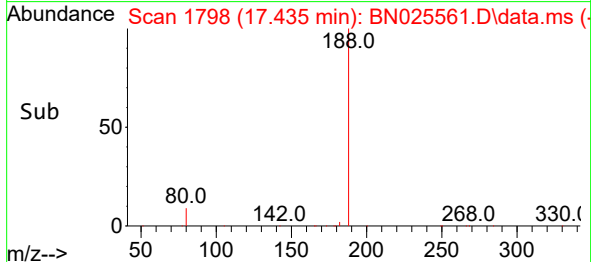
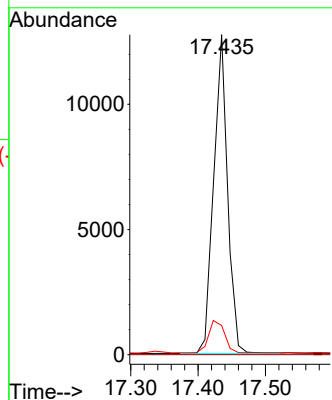
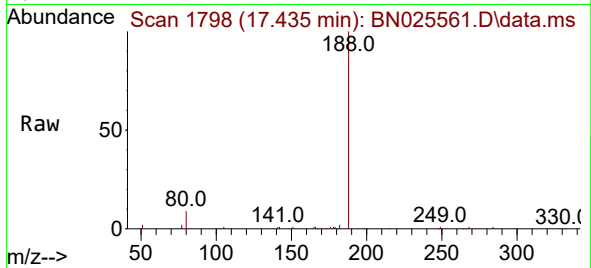




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

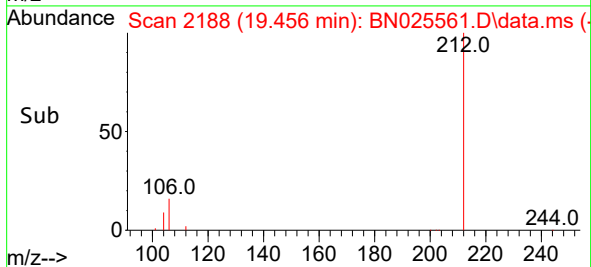
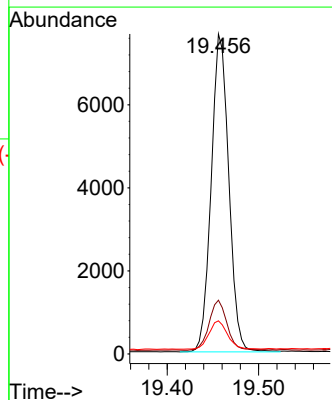
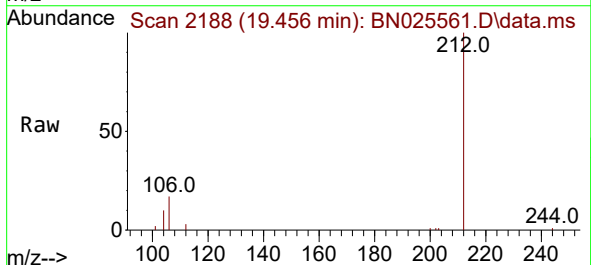
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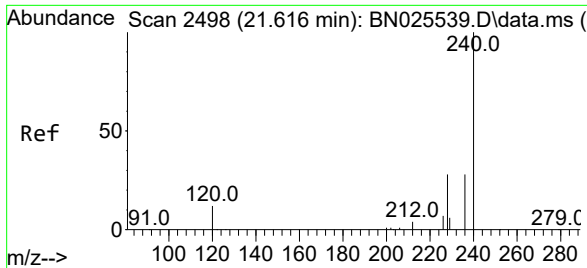
Tgt Ion:188 Resp: 18240
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.236 ng
RT: 19.456 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

Tgt Ion:212 Resp: 10183
Ion Ratio Lower Upper
212 100
106 16.1 11.4 17.2
104 9.4 6.8 10.2

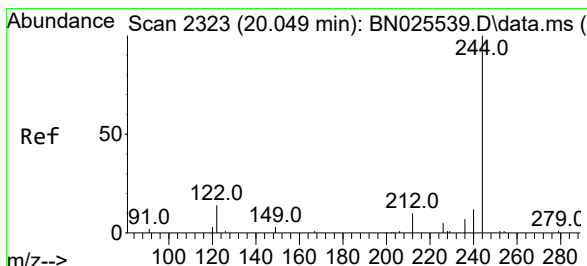
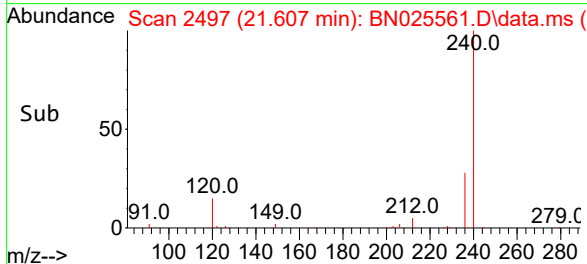
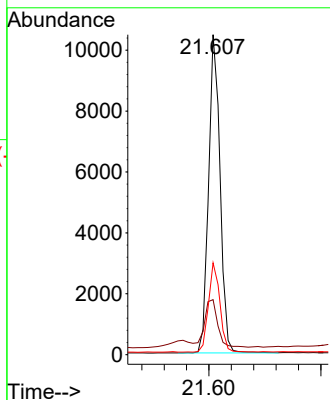
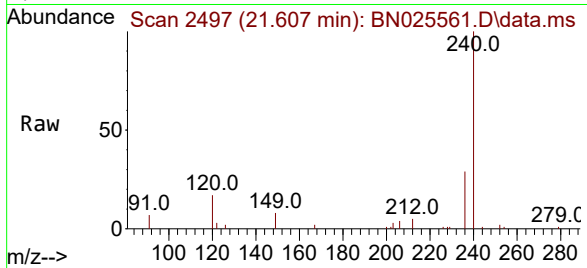




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.607 min Scan# 2498
Delta R.T. -0.009 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

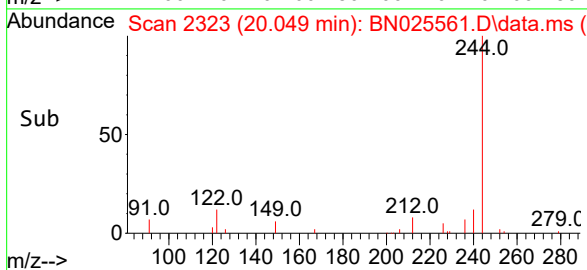
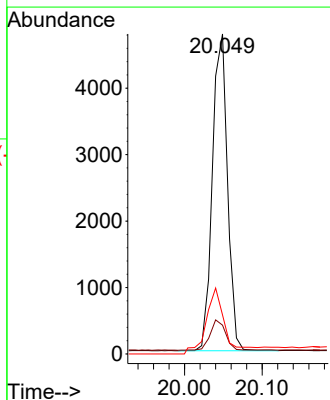
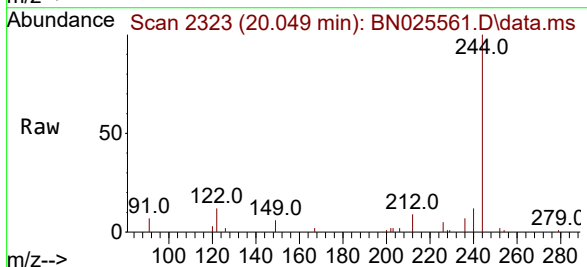
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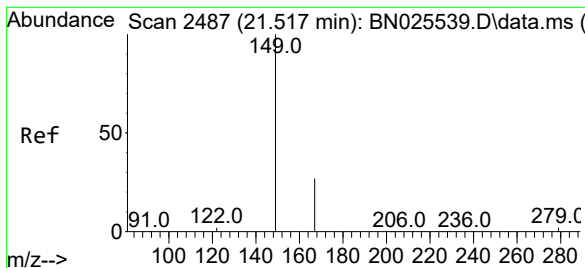
Tgt Ion:240 Resp: 14858
Ion Ratio Lower Upper
240 100
120 17.2 11.7 17.5
236 28.7 23.0 34.6



#31
Terphenyl-d14
Concen: 0.189 ng
RT: 20.049 min Scan# 2323
Delta R.T. 0.000 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

Tgt Ion:244 Resp: 5805
Ion Ratio Lower Upper
244 100
212 9.0 8.4 12.6
122 12.2 11.4 17.0

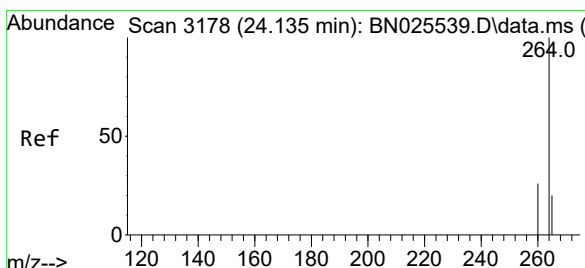
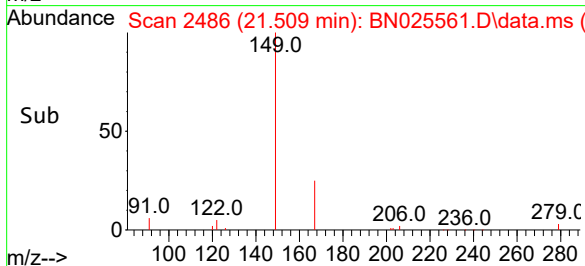
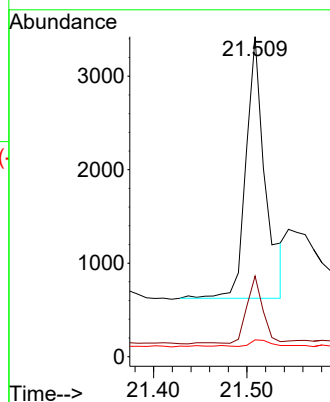
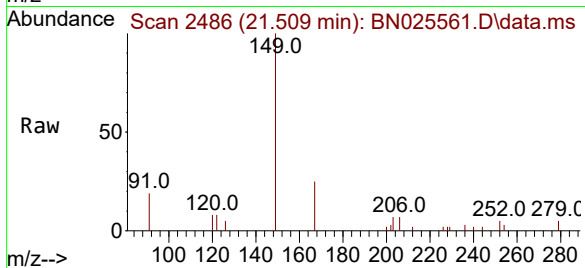




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.109 ng
RT: 21.509 min Scan# 2486
Delta R.T. -0.009 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-14.5-051823

Tgt Ion:149 Resp: 3989
Ion Ratio Lower Upper
149 100
167 21.2 21.5 32.3#
279 3.1 2.6 4.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.123 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BN025561.D
Acq: 23 May 2023 06:24

Tgt Ion:264 Resp: 15494
Ion Ratio Lower Upper
264 100
260 26.9 21.1 31.7
265 40.4 35.5 53.3

