

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
 Data File : BN025549.D
 Acq On : 22 May 2023 22:04
 Operator : CG/JU
 Sample : 02834-09DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20230516DL

Quant Time: May 23 03:35:20 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)

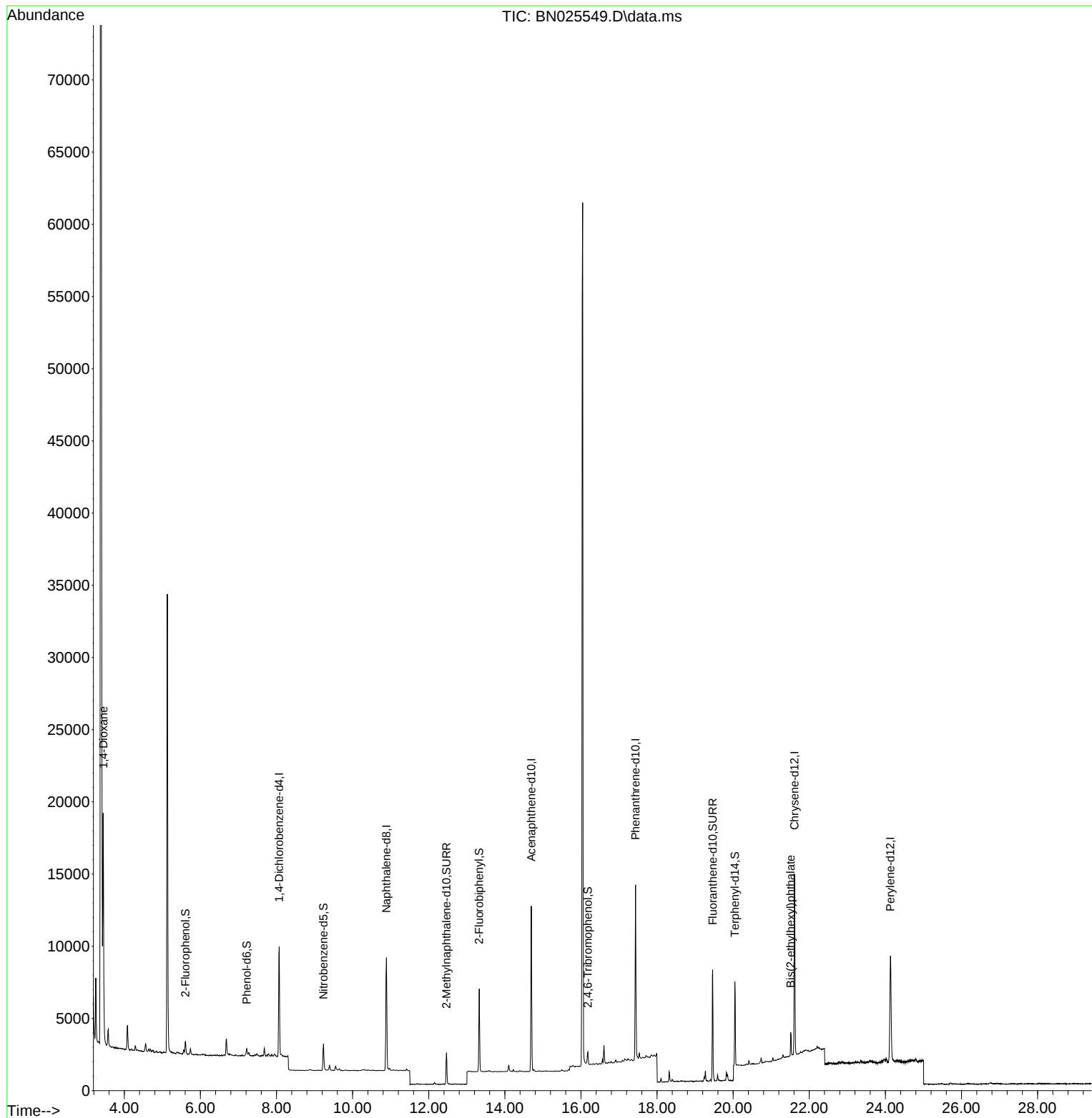
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	3840	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	10917	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6227	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	15052	0.400	ng	0.00
29) Chrysene-d12	21.611	240	11605	0.400	ng	0.00
35) Perylene-d12	24.134	264	11823	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	696	0.070	ng	0.00
5) Phenol-d6	7.218	99	541	0.043	ng	0.00
8) Nitrobenzene-d5	9.234	82	1661	0.165	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	3074	0.192	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	455	0.175	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	4795	0.178	ng	0.00
27) Fluoranthene-d10	19.460	212	8134	0.228	ng	0.00
31) Terphenyl-d14	20.044	244	4840	0.201	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	10361	2.331	ng	Qvalue 100
34) Bis(2-ethylhexyl)phtha...	21.513	149	1787	0.063	ng	# 93

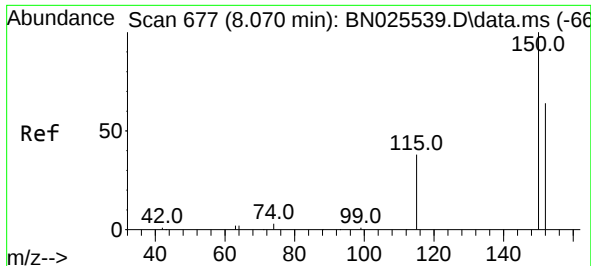
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025549.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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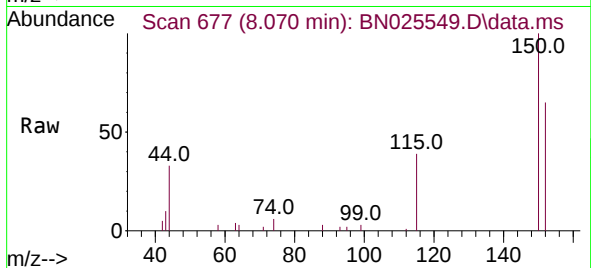
Quant Time: May 23 03:35:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
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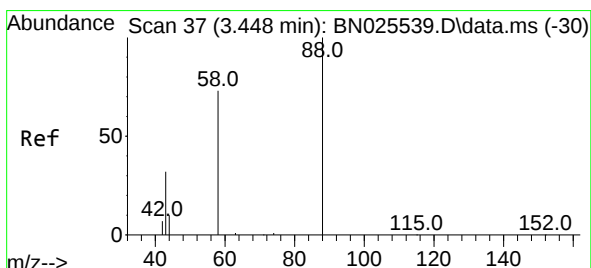
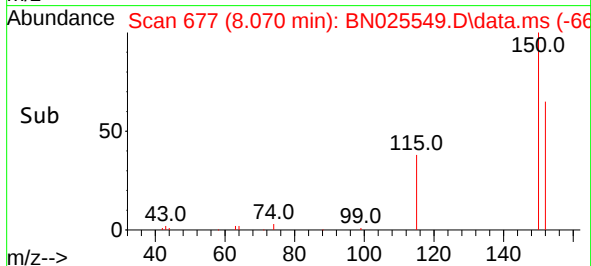
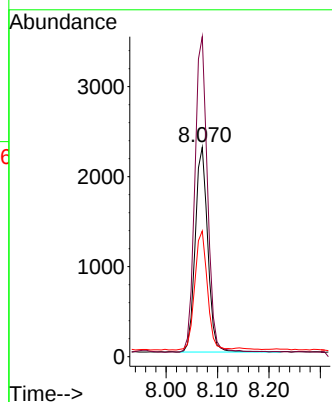


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

Instrument :
BNA_N
ClientSampleId :
RE120D2-20230516DL

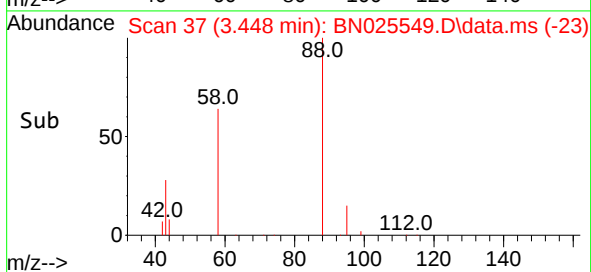
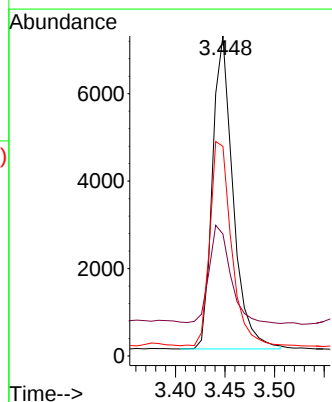
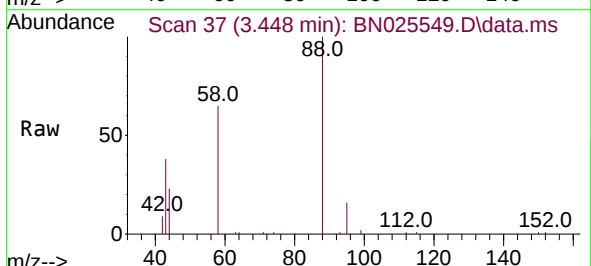


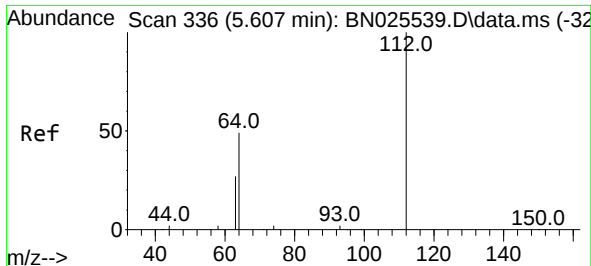
Tgt Ion:152 Resp: 3840
Ion Ratio Lower Upper
152 100
150 152.8 124.6 187.0
115 60.0 49.1 73.7



#2
1,4-Dioxane
Concen: 2.331 ng
RT: 3.448 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

Tgt Ion: 88 Resp: 10361
Ion Ratio Lower Upper
88 100
43 32.4 25.8 38.8
58 68.2 54.9 82.3





#4

2-Fluorophenol

Concen: 0.070 ng

RT: 5.607 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN025549.D

Acq: 22 May 2023 22:04

Instrument :

BNA_N

ClientSampleId :

RE120D2-20230516DL

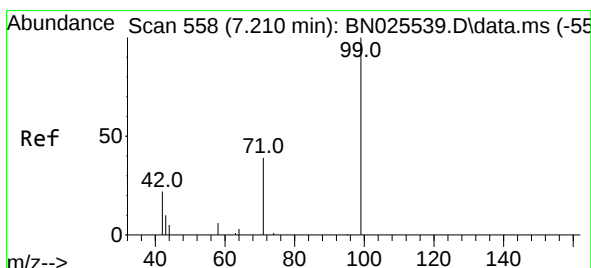
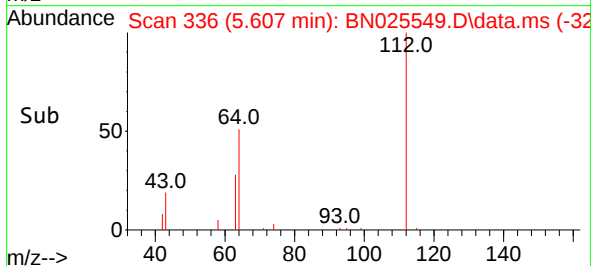
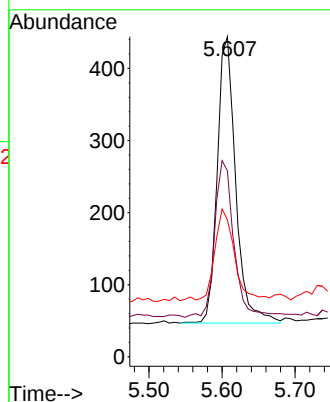
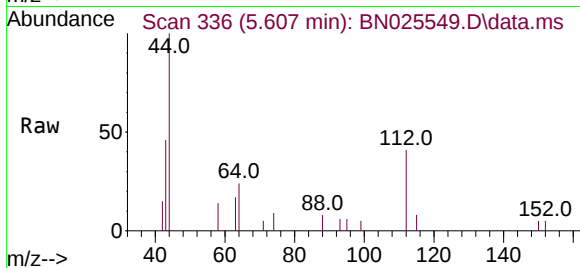
Tgt Ion:112 Resp: 696

Ion Ratio Lower Upper

112 100

64 57.2 44.2 66.4

63 32.9 25.4 38.2



#5

Phenol-d6

Concen: 0.043 ng

RT: 7.218 min Scan# 559

Delta R.T. 0.007 min

Lab File: BN025549.D

Acq: 22 May 2023 22:04

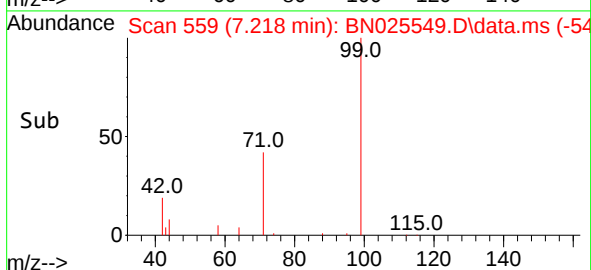
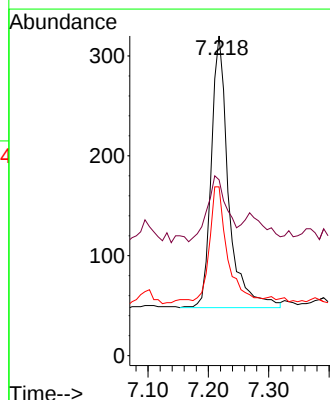
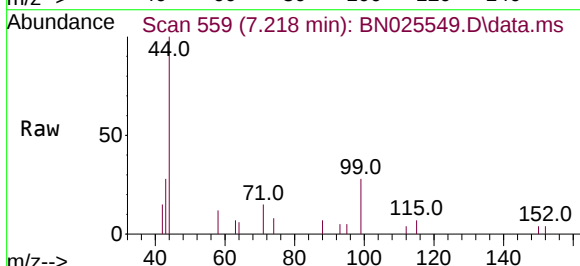
Tgt Ion: 99 Resp: 541

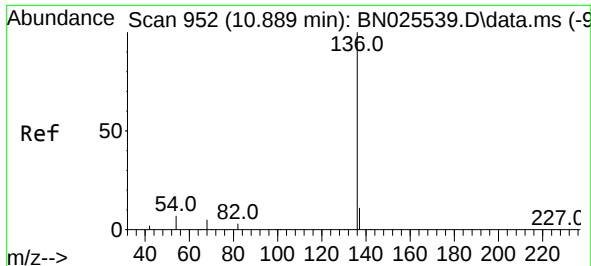
Ion Ratio Lower Upper

99 100

42 27.2 17.5 26.3#

71 45.5 30.1 45.1#

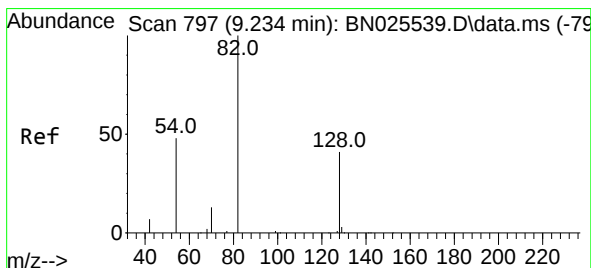
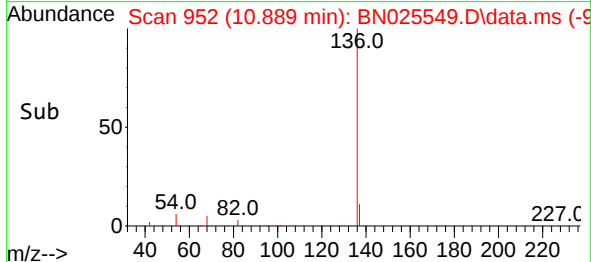
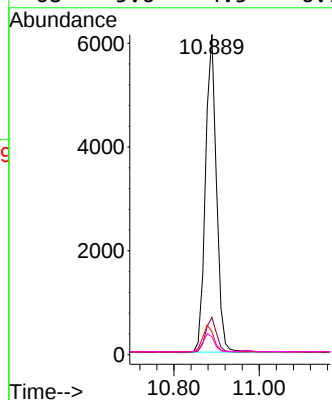
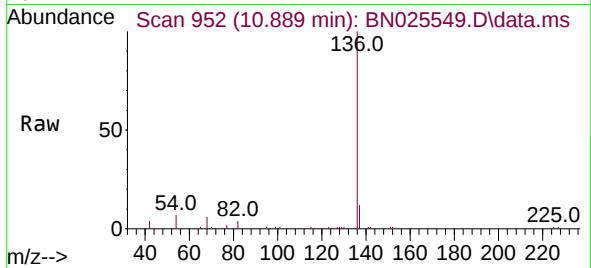




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

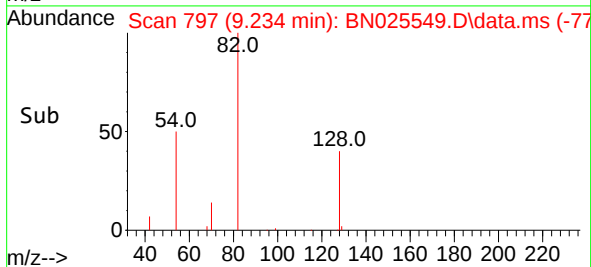
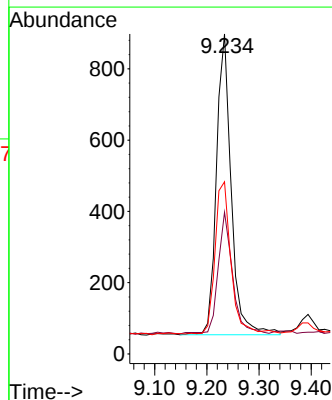
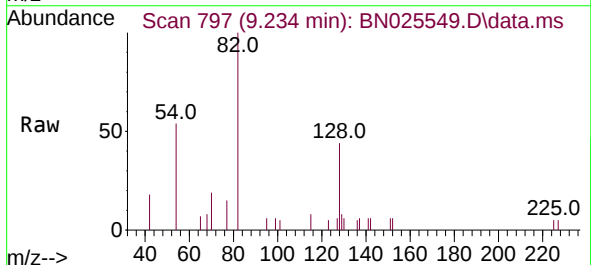
Instrument :
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RE120D2-20230516DL

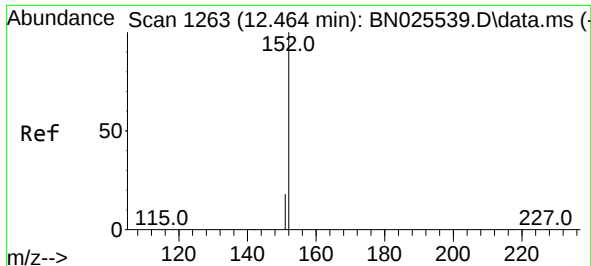
Tgt Ion:	136	Resp:	10917
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.2	6.2	9.4
68	5.6	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.165 ng
RT: 9.234 min Scan# 797
Delta R.T. 0.000 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

Tgt Ion:	82	Resp:	1661
Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.8	50.8
54	53.8	39.8	59.6





#11

2-Methylnaphthalene-d10

Concen: 0.192 ng

RT: 12.468 min Scan# 1264

Delta R.T. 0.004 min

Lab File: BN025549.D

Acq: 22 May 2023 22:04

Instrument :

BNA_N

ClientSampleId :

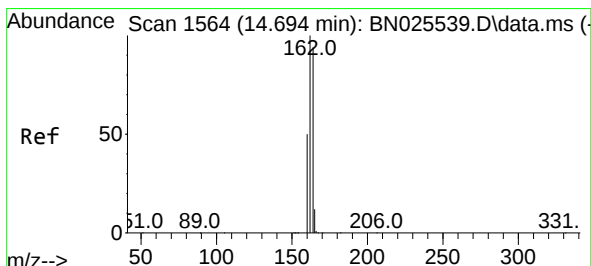
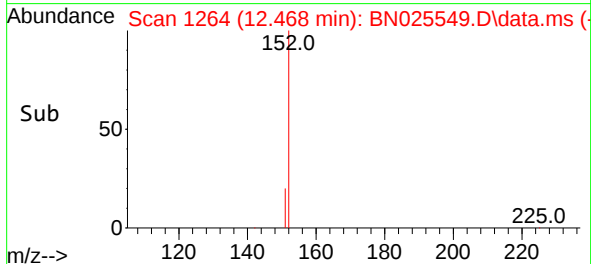
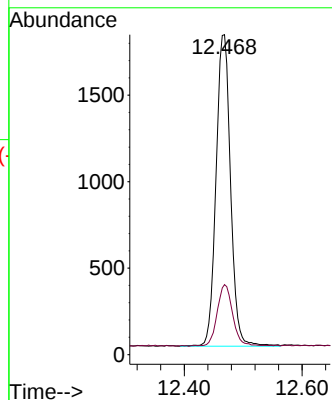
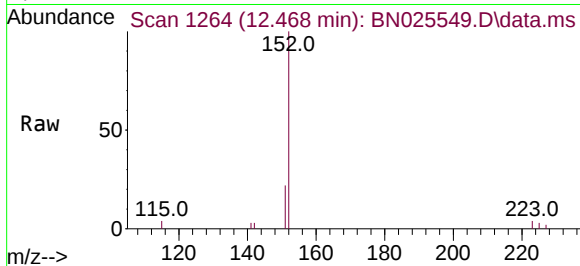
RE120D2-20230516DL

Tgt Ion:152 Resp: 3074

Ion Ratio Lower Upper

152 100

151 21.5 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: BN025549.D

Acq: 22 May 2023 22:04

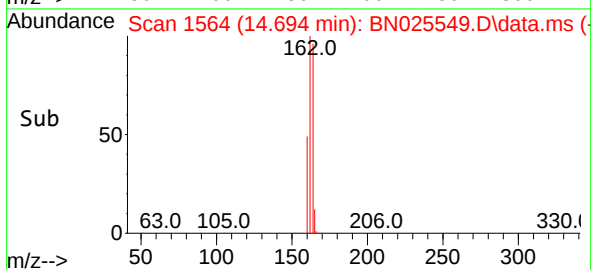
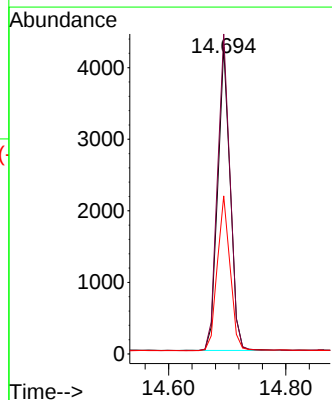
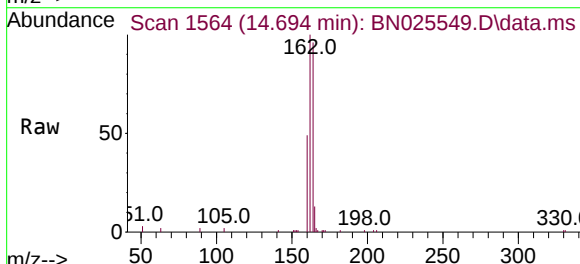
Tgt Ion:164 Resp: 6227

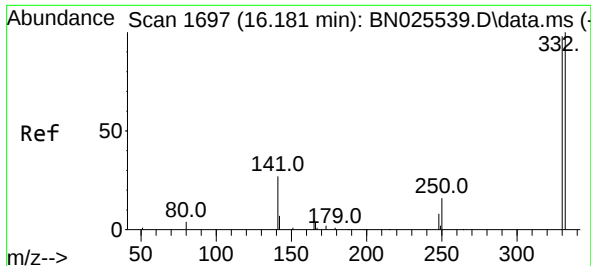
Ion Ratio Lower Upper

164 100

162 104.2 85.5 128.3

160 51.5 42.9 64.3

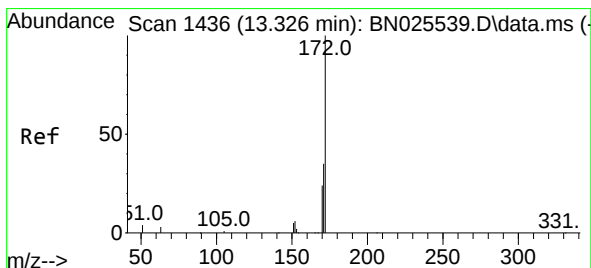
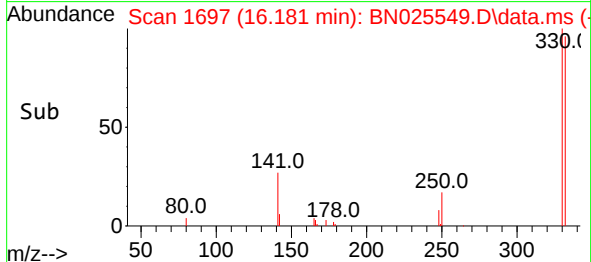
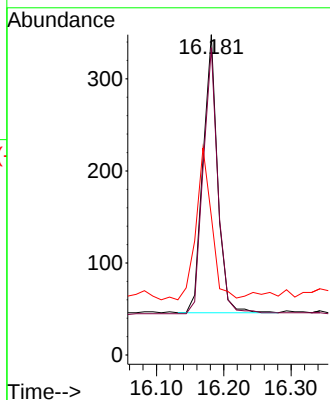
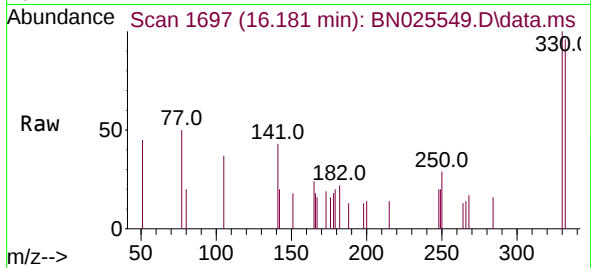




#14
2,4,6-Tribromophenol
Concen: 0.175 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

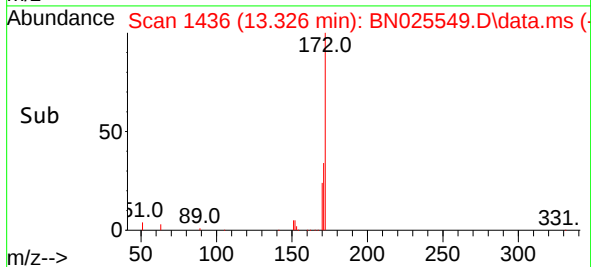
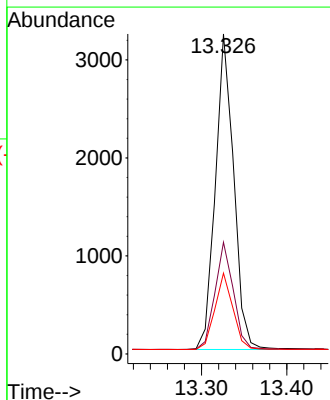
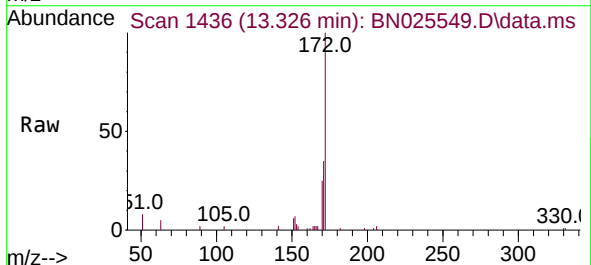
Instrument :
BNA_N
ClientSampleId :
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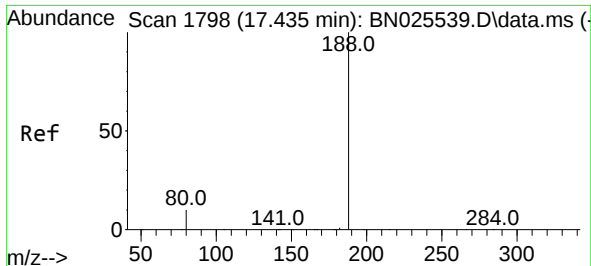
Tgt Ion:330 Resp: 455
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 58.7 43.0 64.6



#15
2-Fluorobiphenyl
Concen: 0.178 ng
RT: 13.326 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

Tgt Ion:172 Resp: 4795
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 25.2 19.3 28.9

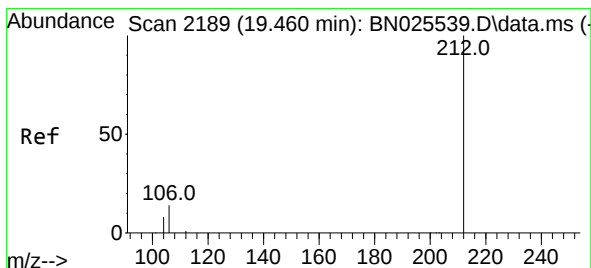
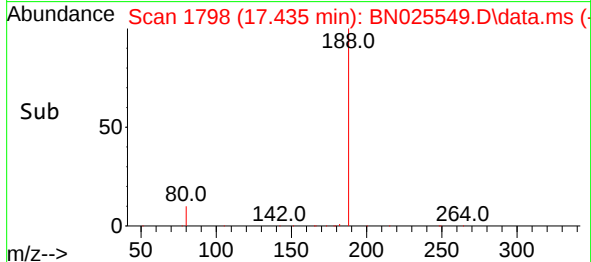
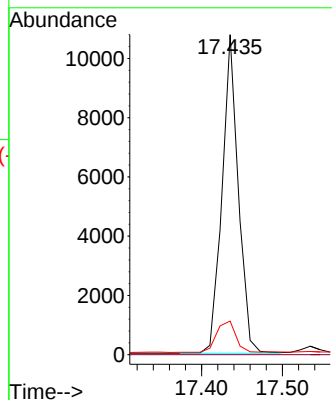
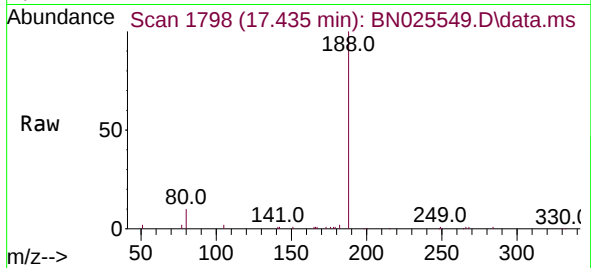




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

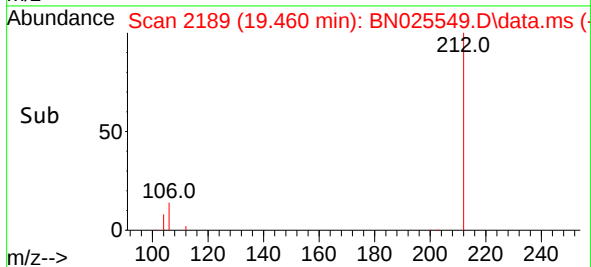
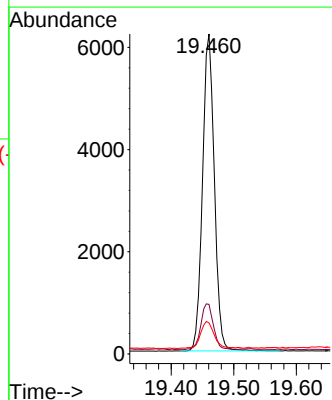
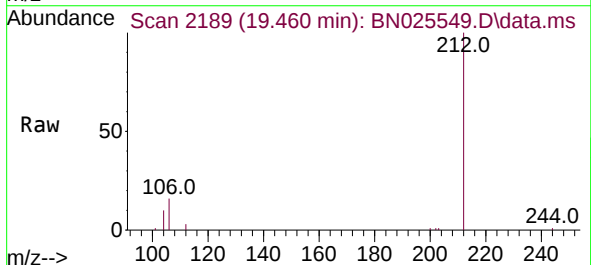
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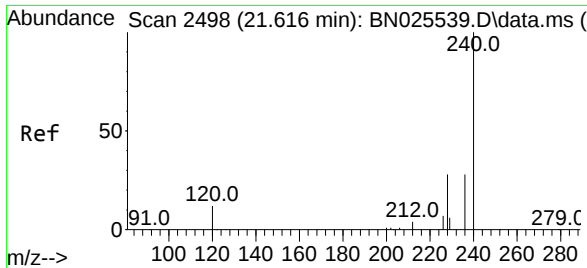
Tgt Ion:188 Resp: 15052
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.228 ng
RT: 19.460 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

Tgt Ion:212 Resp: 8134
Ion Ratio Lower Upper
212 100
106 15.2 11.4 17.2
104 9.9 6.8 10.2

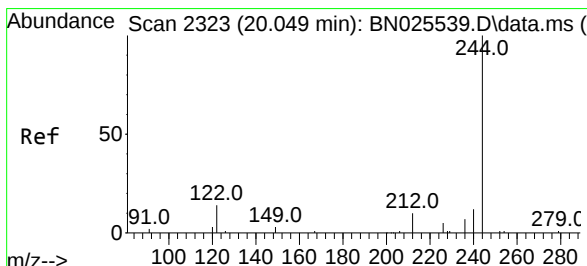
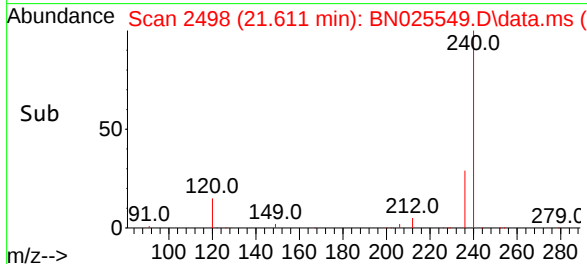
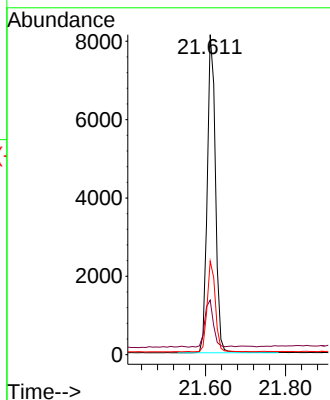
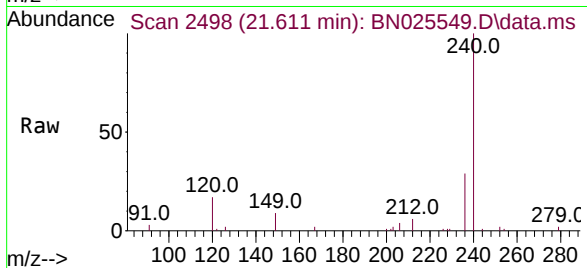




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.611 min Scan# 2498
Delta R.T. -0.005 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

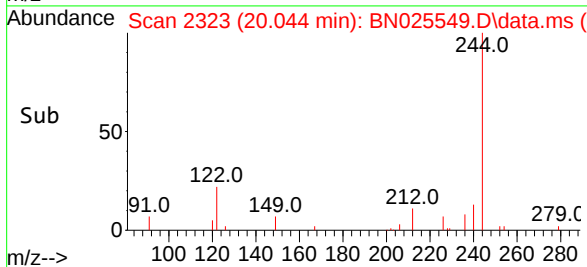
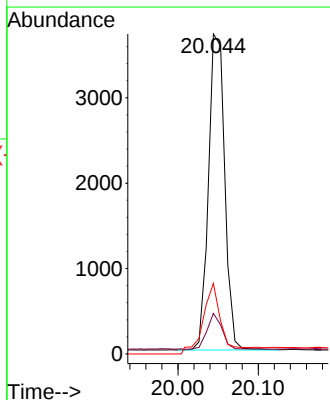
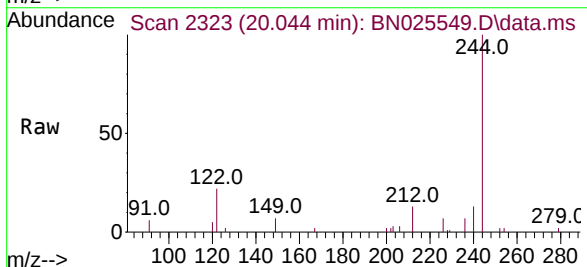
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230516DL

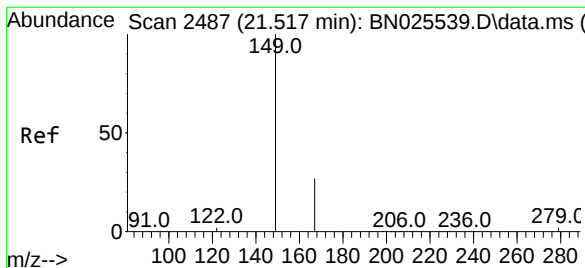
Tgt Ion:240 Resp: 11605
Ion Ratio Lower Upper
240 100
120 17.1 11.7 17.5
236 29.2 23.0 34.6



#31
Terphenyl-d14
Concen: 0.201 ng
RT: 20.044 min Scan# 2323
Delta R.T. -0.005 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

Tgt Ion:244 Resp: 4840
Ion Ratio Lower Upper
244 100
212 12.7 8.4 12.6#
122 22.1 11.4 17.0#

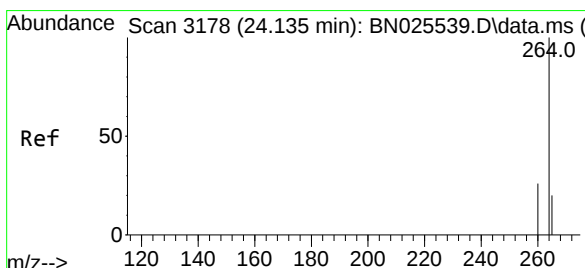
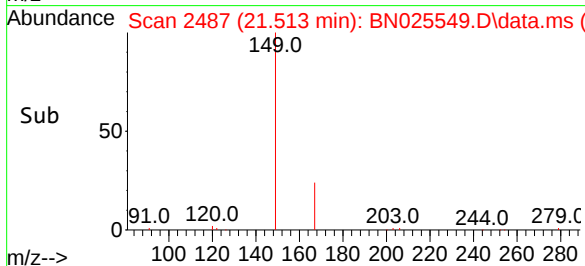
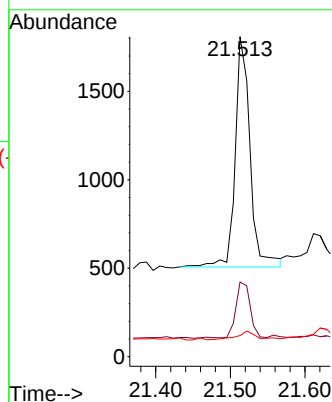
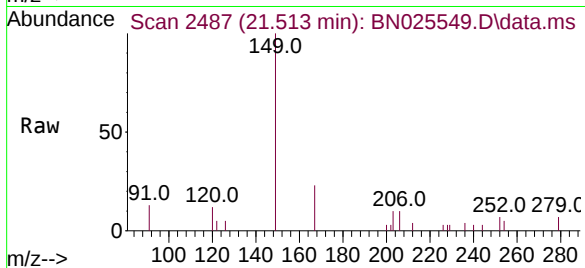




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.063 ng
RT: 21.513 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

Instrument :
BNA_N
ClientSampleId :
RE120D2-20230516DL

Tgt Ion:149 Resp: 1787
Ion Ratio Lower Upper
149 100
167 23.2 21.5 32.3
279 4.5 2.6 4.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.134 min Scan# 3177
Delta R.T. -0.001 min
Lab File: BN025549.D
Acq: 22 May 2023 22:04

Tgt Ion:264 Resp: 11823
Ion Ratio Lower Upper
264 100
260 26.5 21.1 31.7
265 41.5 35.5 53.3

