

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
 Data File : BN025551.D
 Acq On : 22 May 2023 23:16
 Operator : CG/JU
 Sample : 02834-08DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230516DL

Quant Time: May 23 03:35:40 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)

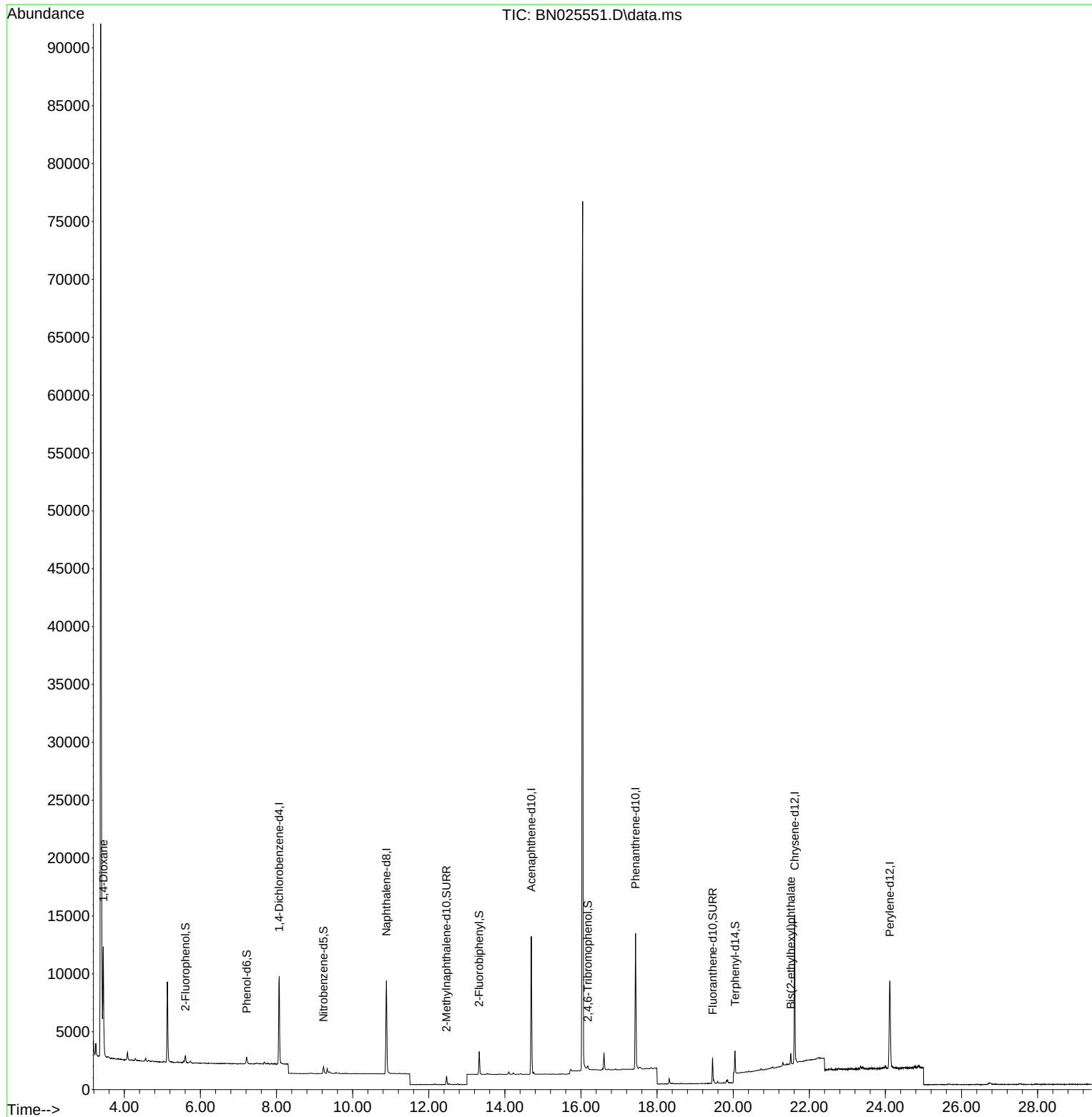
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	3929	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	11136	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6547	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	15257	0.400	ng	0.00
29) Chrysene-d12	21.616	240	11156	0.400	ng	0.00
35) Perylene-d12	24.115	264	11494	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	510	0.050	ng	0.00
5) Phenol-d6	7.218	99	651	0.051	ng	0.00
8) Nitrobenzene-d5	9.234	82	619	0.060	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	1011	0.062	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	151	0.055	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	1754	0.062	ng	0.00
27) Fluoranthene-d10	19.460	212	2462	0.068	ng	0.00
31) Terphenyl-d14	20.049	244	1710	0.074	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	6224	1.369	ng	100
34) Bis(2-ethylhexyl)phtha...	21.518	149	1004	0.037	ng	99

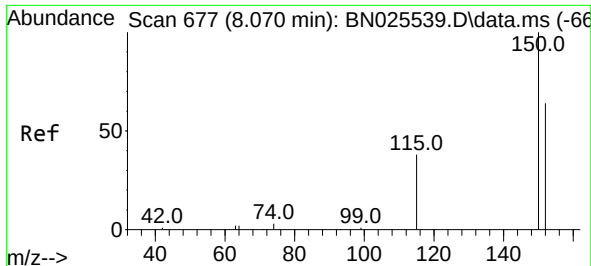
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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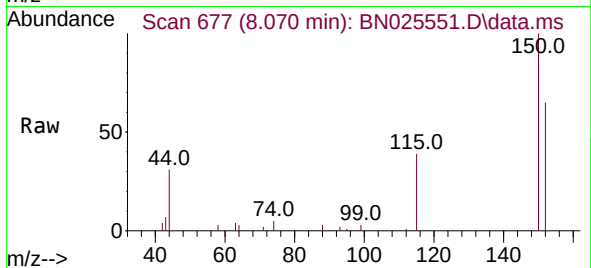
Quant Time: May 23 03:35:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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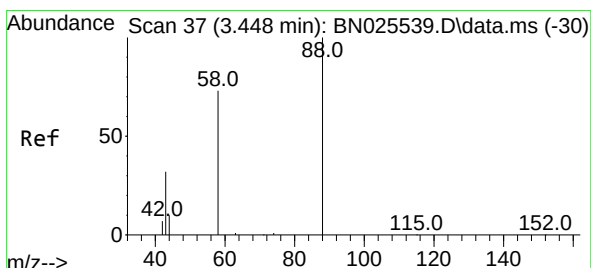
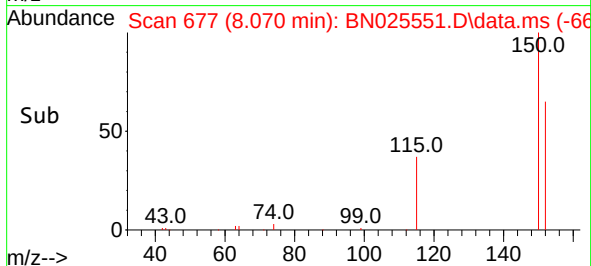
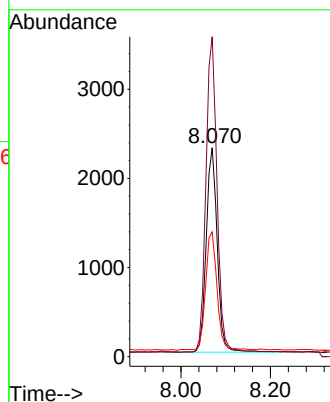
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.070 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025551.D
 Acq: 22 May 2023 23:16

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230516DL



Tgt Ion:152 Resp: 3929

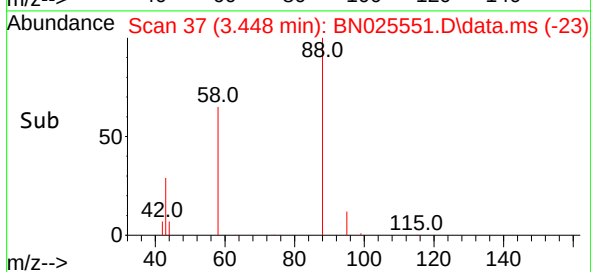
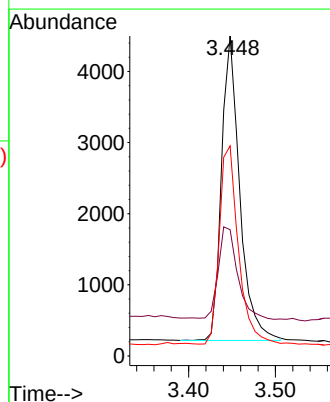
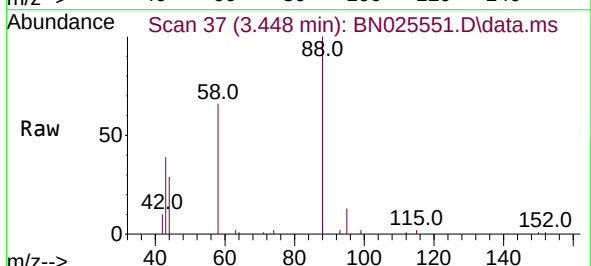
Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	187.0
115	59.7	49.1	73.7

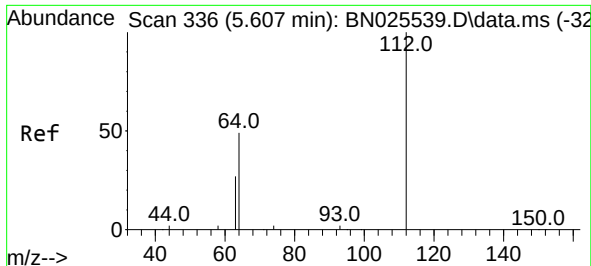


#2
 1,4-Dioxane
 Concen: 1.369 ng
 RT: 3.448 min Scan# 37
 Delta R.T. 0.000 min
 Lab File: BN025551.D
 Acq: 22 May 2023 23:16

Tgt Ion: 88 Resp: 6224

Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.8	38.8
58	68.2	54.9	82.3

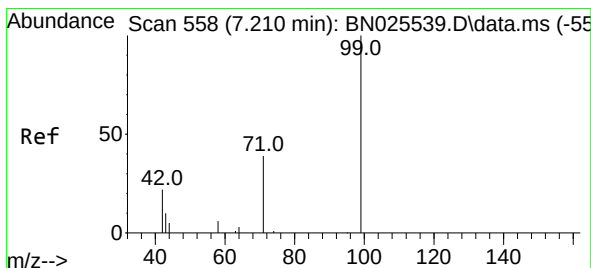
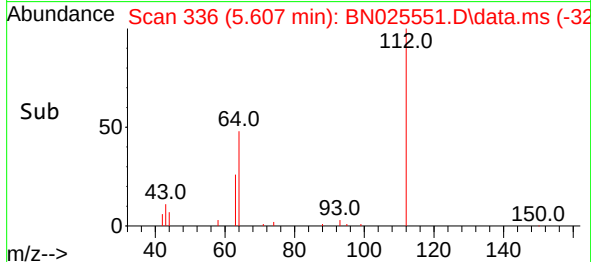
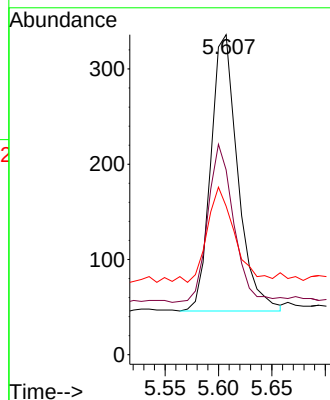
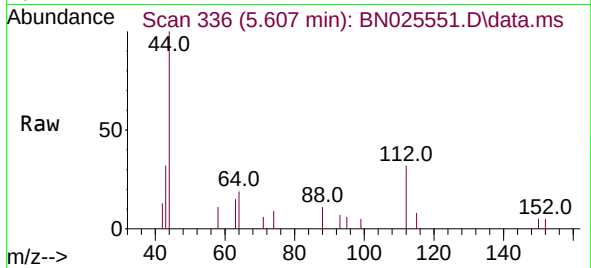




#4
2-Fluorophenol
Concen: 0.050 ng
RT: 5.607 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

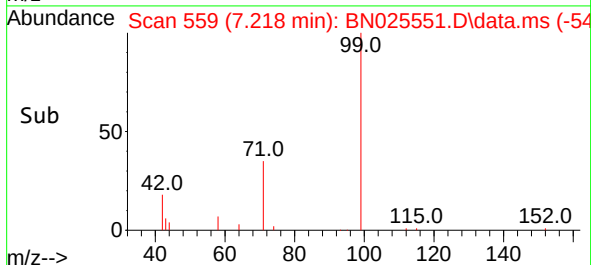
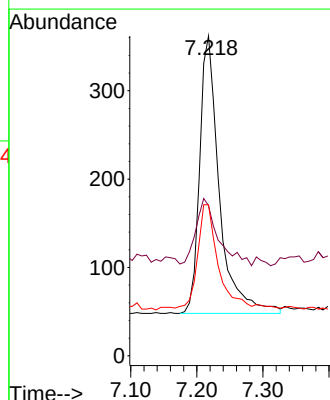
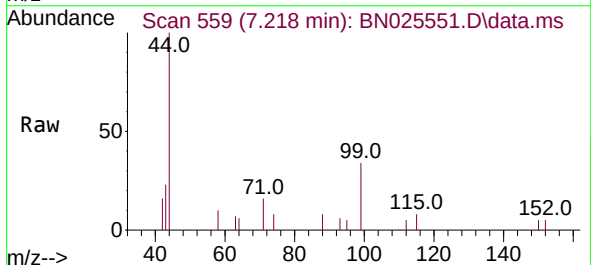
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230516DL

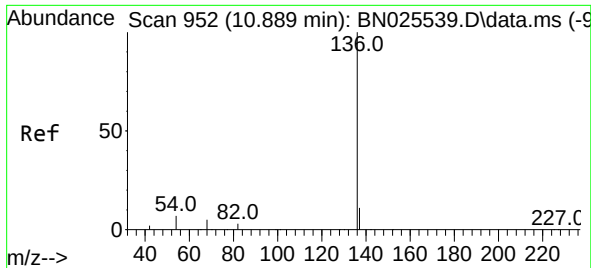
Tgt Ion:112 Resp: 510
Ion Ratio Lower Upper
112 100
64 54.7 44.2 66.4
63 33.9 25.4 38.2



#5
Phenol-d6
Concen: 0.051 ng
RT: 7.218 min Scan# 559
Delta R.T. 0.007 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

Tgt Ion: 99 Resp: 651
Ion Ratio Lower Upper
99 100
42 27.2 17.5 26.3#
71 38.4 30.1 45.1

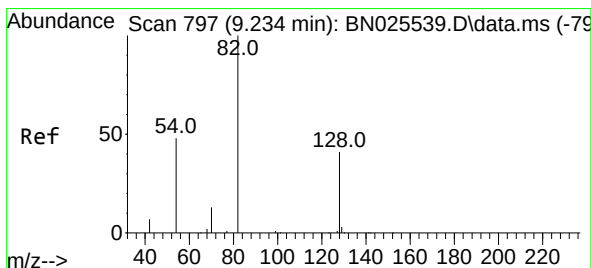
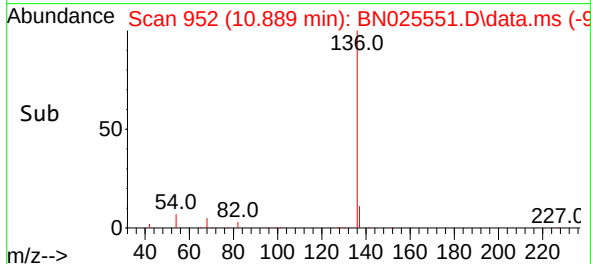
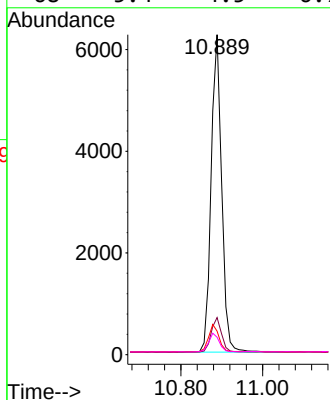
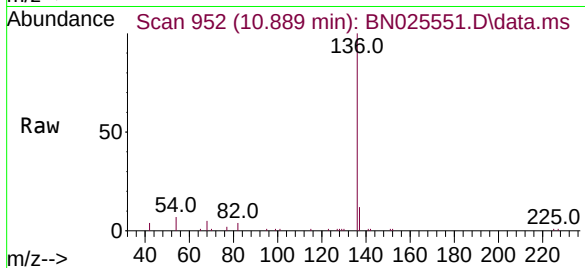




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

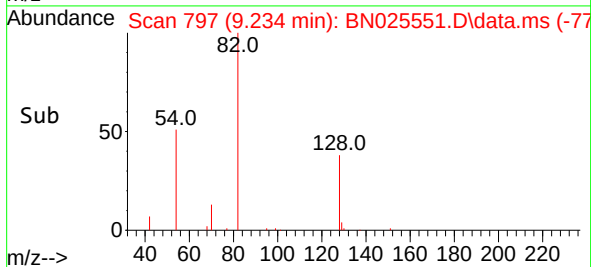
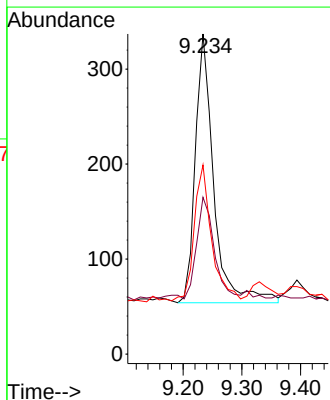
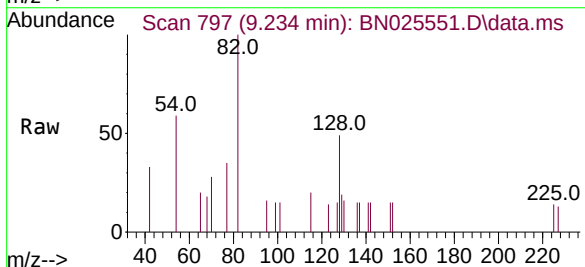
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230516DL

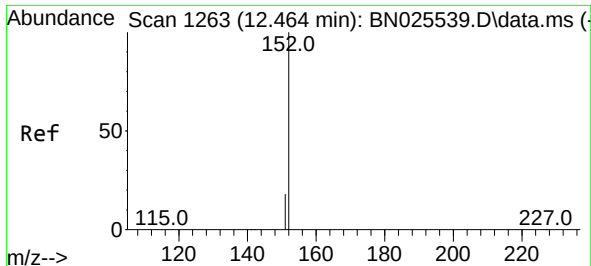
Tgt Ion:	136	Resp:	11136
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.4	6.2	9.4
68	5.4	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.060 ng
RT: 9.234 min Scan# 797
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

Tgt Ion:	82	Resp:	619
Ion	Ratio	Lower	Upper
82	100		
128	49.0	33.8	50.8
54	59.1	39.8	59.6

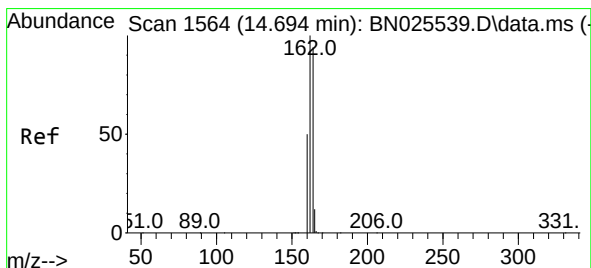
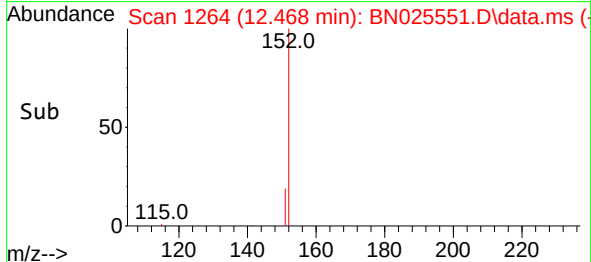
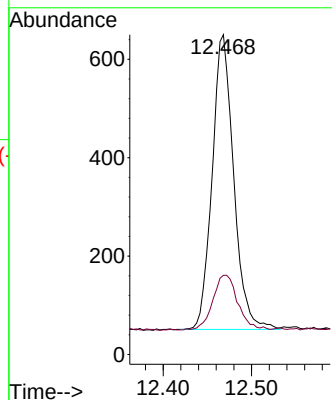
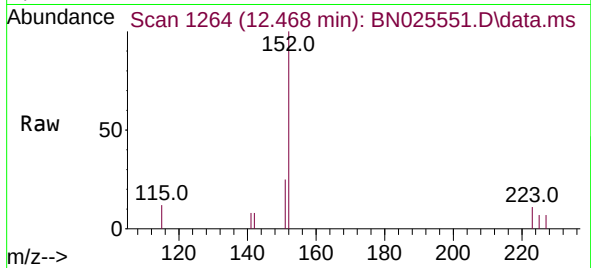




#11
2-Methylnaphthalene-d10
Concen: 0.062 ng
RT: 12.468 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

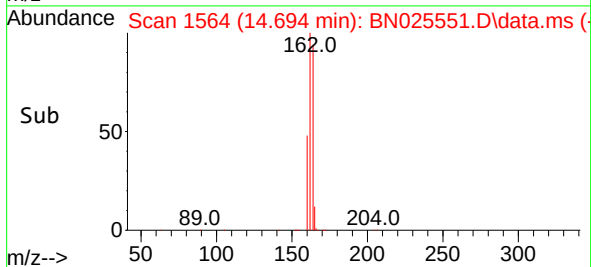
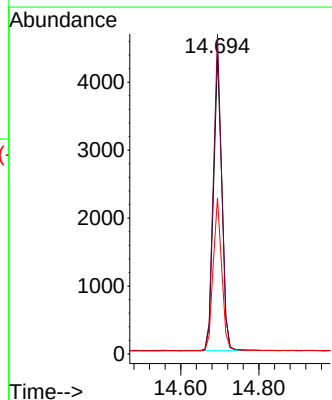
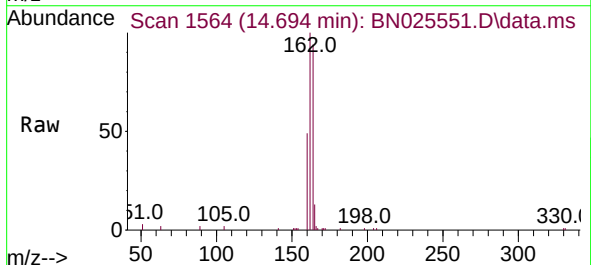
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230516DL

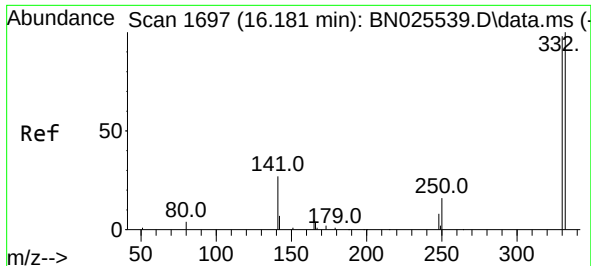
Tgt Ion:152 Resp: 1011
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

Tgt Ion:164 Resp: 6547
Ion Ratio Lower Upper
164 100
162 106.6 85.5 128.3
160 52.0 42.9 64.3

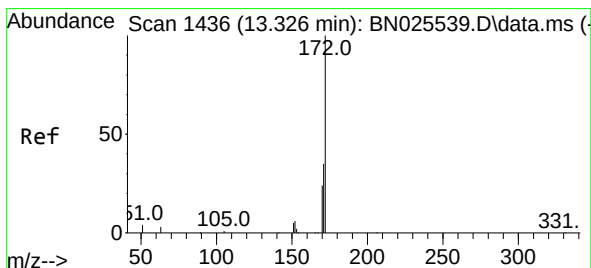
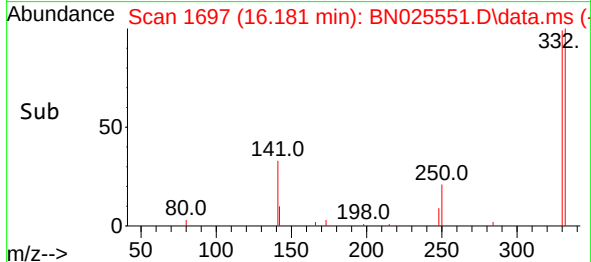
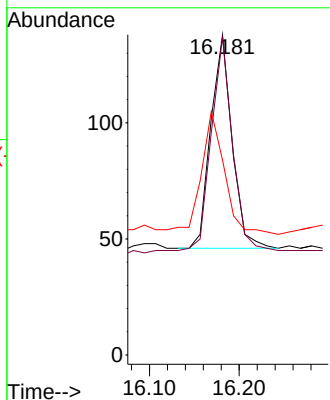
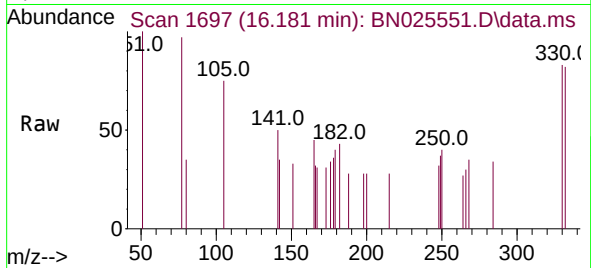




#14
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

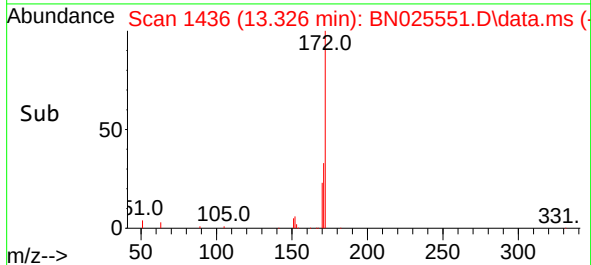
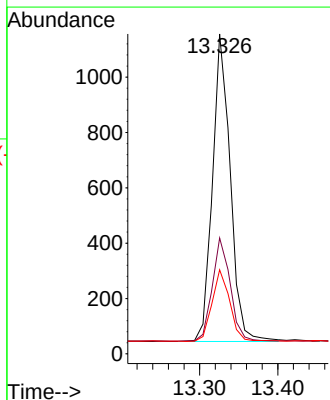
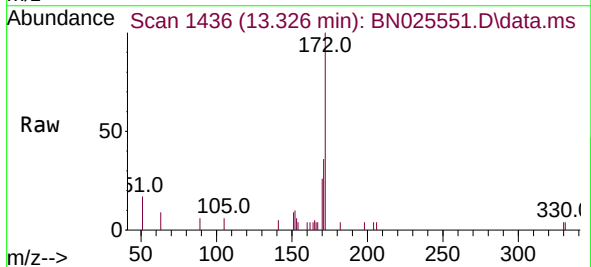
Instrument :
BNA_N
ClientSampleId :
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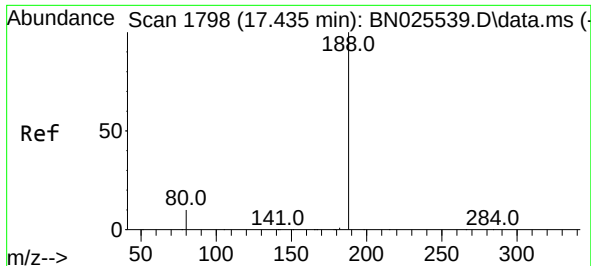
Tgt Ion:	330	Resp:	151
Ion Ratio	Lower	Upper	
330	100		
332	98.7	76.7	115.1
141	62.9	43.0	64.6



#15
2-Fluorobiphenyl
Concen: 0.062 ng
RT: 13.326 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

Tgt Ion:	172	Resp:	1754
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.3	42.5
170	26.3	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: BN025551.D

Acq: 22 May 2023 23:16

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230516DL

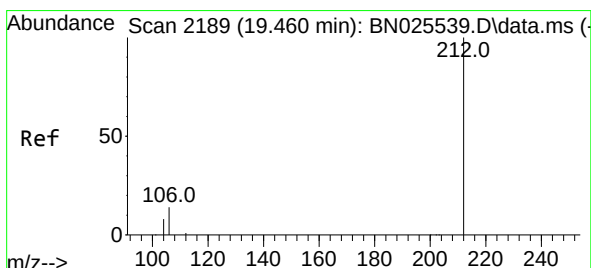
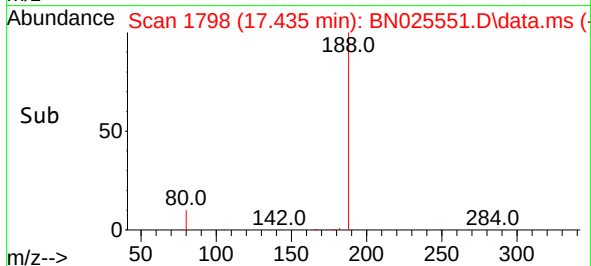
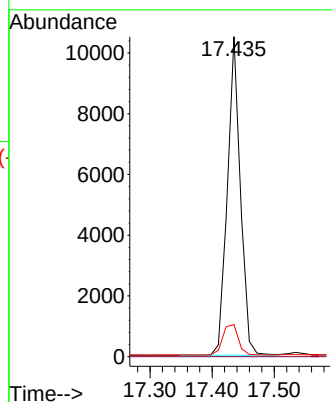
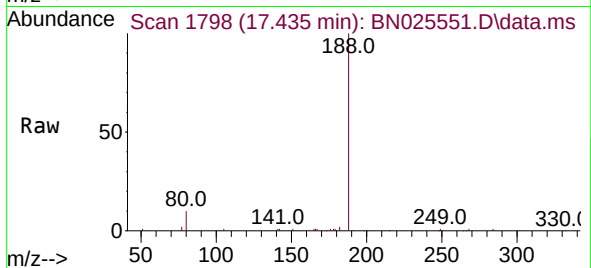
Tgt Ion:188 Resp: 15257

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 8.8 13.2



#27

Fluoranthene-d10

Concen: 0.068 ng

RT: 19.460 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BN025551.D

Acq: 22 May 2023 23:16

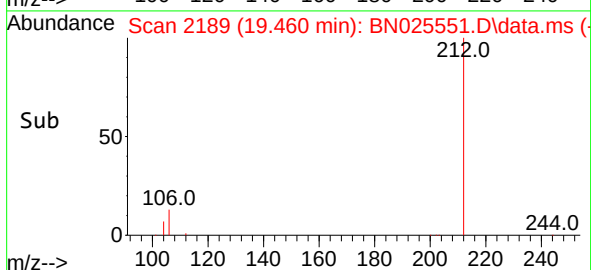
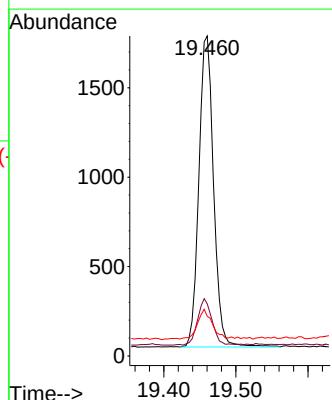
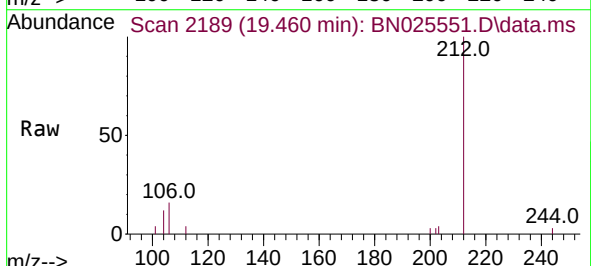
Tgt Ion:212 Resp: 2462

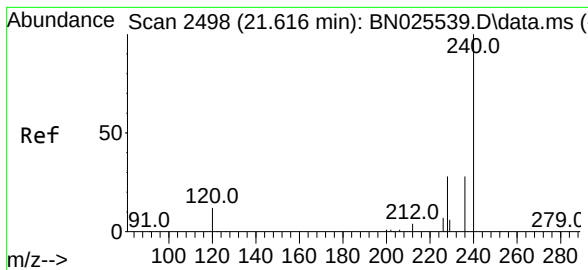
Ion Ratio Lower Upper

212 100

106 14.5 11.4 17.2

104 10.2 6.8 10.2#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.616 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BN025551.D

Acq: 22 May 2023 23:16

Instrument :

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ClientSampleId :

RE120D1-20230516DL

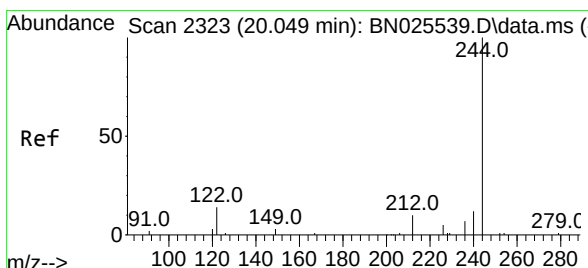
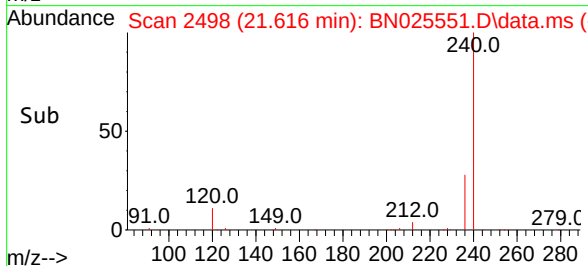
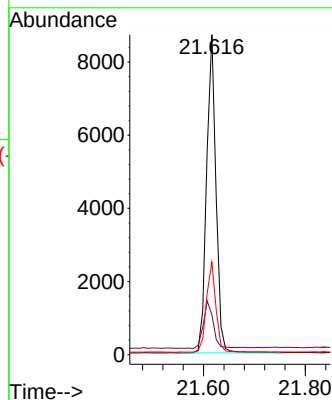
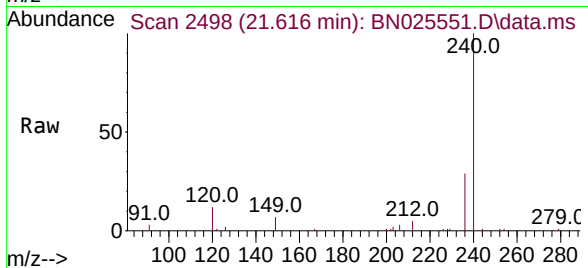
Tgt Ion:240 Resp: 11156

Ion Ratio Lower Upper

240 100

120 12.5 11.7 17.5

236 29.0 23.0 34.6



#31

Terphenyl-d14

Concen: 0.074 ng

RT: 20.049 min Scan# 2323

Delta R.T. 0.000 min

Lab File: BN025551.D

Acq: 22 May 2023 23:16

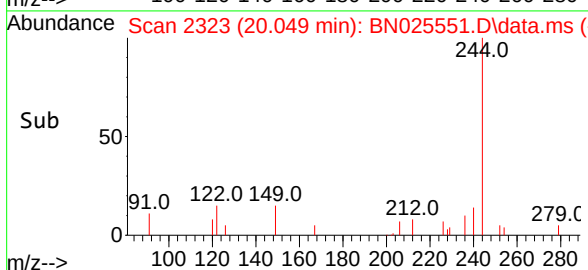
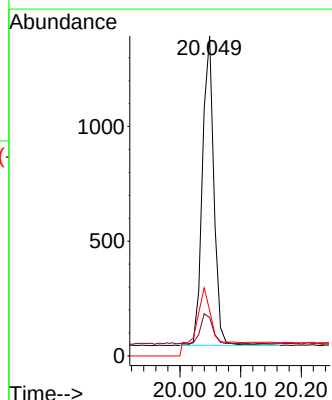
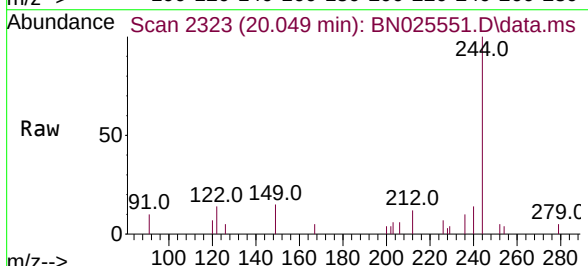
Tgt Ion:244 Resp: 1710

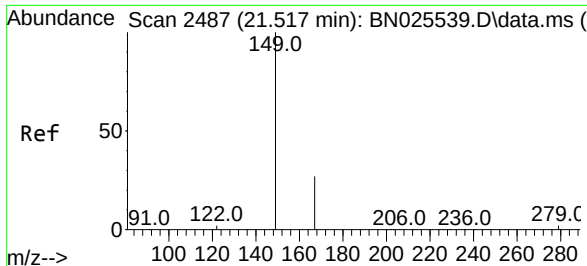
Ion Ratio Lower Upper

244 100

212 12.0 8.4 12.6

122 14.2 11.4 17.0

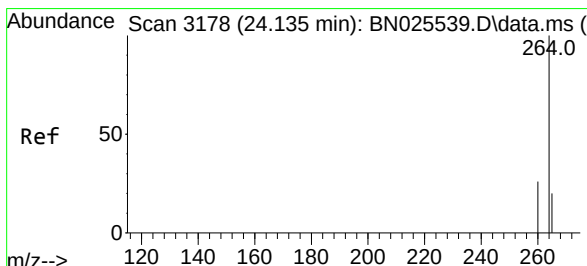
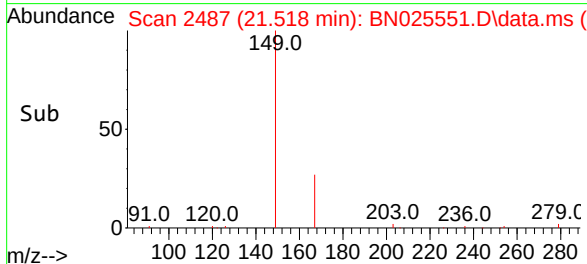
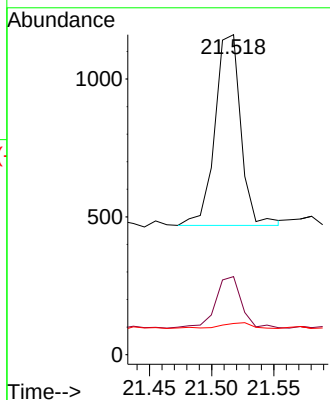
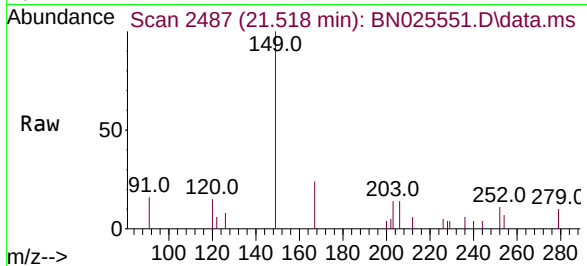




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.037 ng
 RT: 21.518 min Scan# 2487
 Delta R.T. 0.000 min
 Lab File: BN025551.D
 Acq: 22 May 2023 23:16

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230516DL

Tgt Ion:	149	Resp:	1004
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.5	32.3
279	3.6	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.115 min Scan# 3171
 Delta R.T. -0.020 min
 Lab File: BN025551.D
 Acq: 22 May 2023 23:16

Tgt Ion:	264	Resp:	11494
Ion Ratio	Lower	Upper	
264	100		
260	26.9	21.1	31.7
265	39.3	35.5	53.3

