

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
 Data File : BN025552.D
 Acq On : 22 May 2023 23:52
 Operator : CG/JU
 Sample : 02834-13DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20230517DL

Quant Time: May 23 03:35:50 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

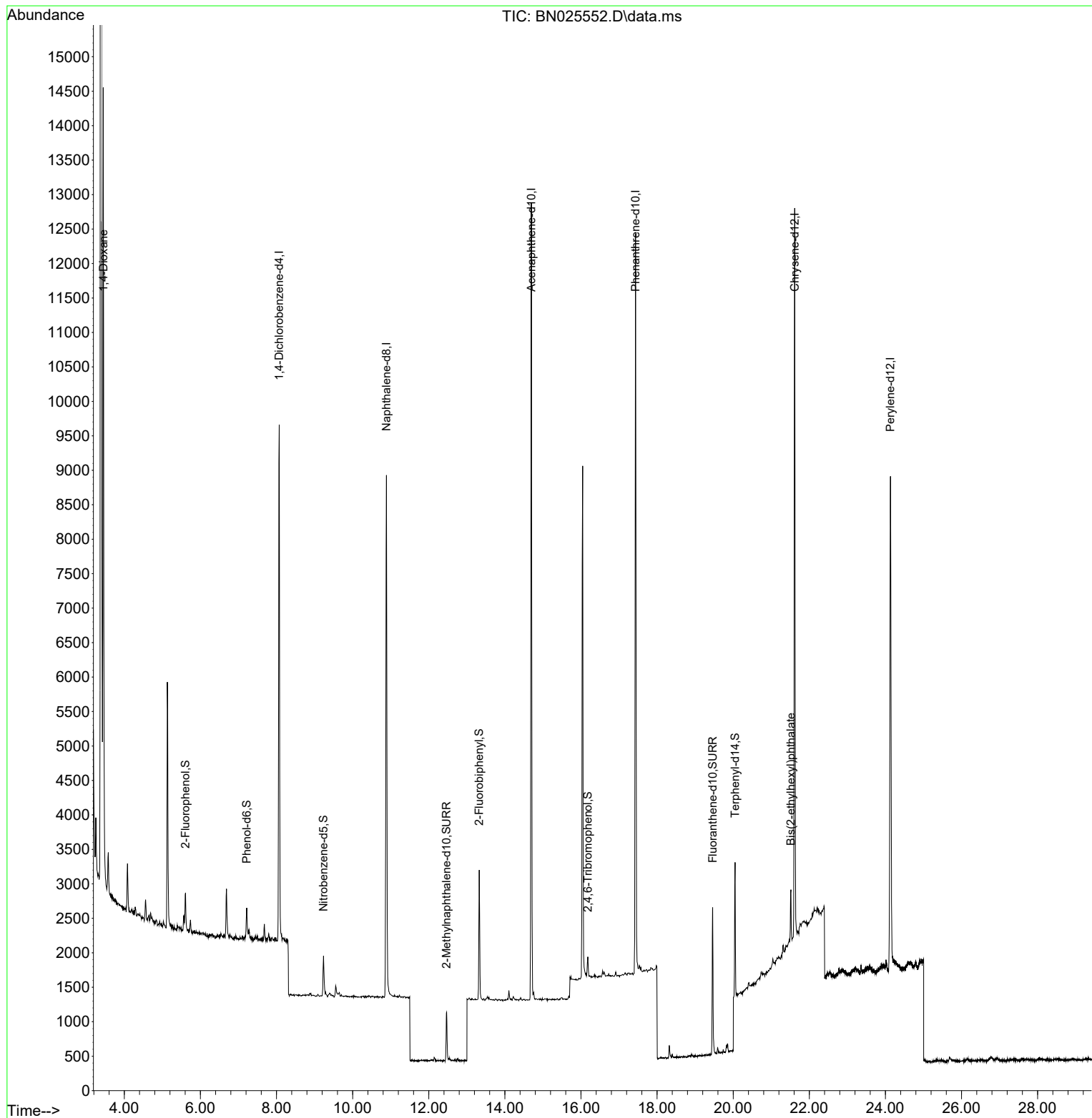
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	3859	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	10869	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6260	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	14169	0.400	ng	0.00
29) Chrysene-d12	21.616	240	10351	0.400	ng	0.00
35) Perylene-d12	24.132	264	10386	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	432	0.044	ng	0.00
5) Phenol-d6	7.218	99	501	0.040	ng	0.00
8) Nitrobenzene-d5	9.234	82	603	0.060	ng	0.00
11) 2-Methylnaphthalene-d10	12.464	152	1072	0.067	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	165	0.063	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	1741	0.064	ng	0.00
27) Fluoranthene-d10	19.460	212	2496	0.074	ng	0.00
31) Terphenyl-d14	20.049	244	1701	0.079	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	7417	1.661	ng	98
34) Bis(2-ethylhexyl)phtha...	21.517	149	990	0.039	ng	91

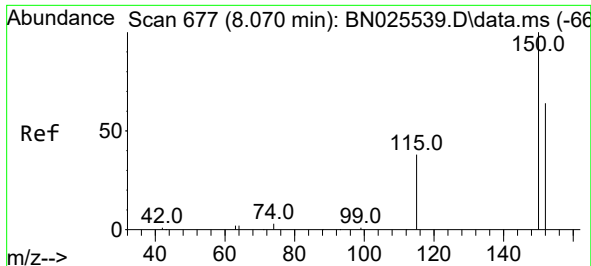
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE125D2-20230517DL

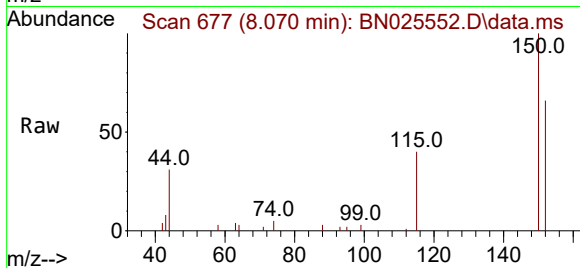
Quant Time: May 23 03:35:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration



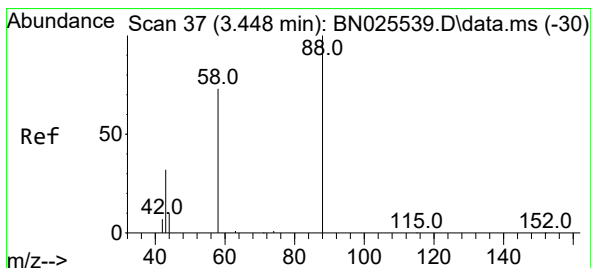
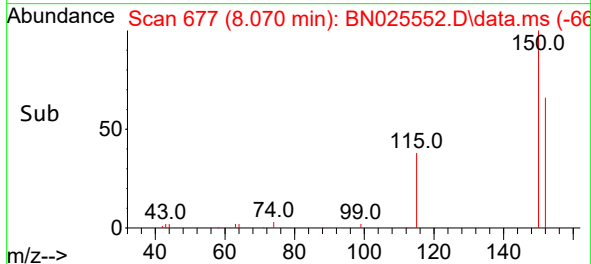
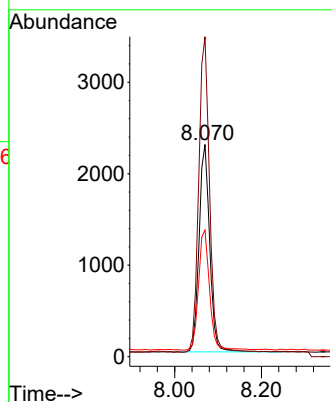


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025552.D
Acq: 22 May 2023 23:52

Instrument :
BNA_N
ClientSampleId :
RE125D2-20230517DL

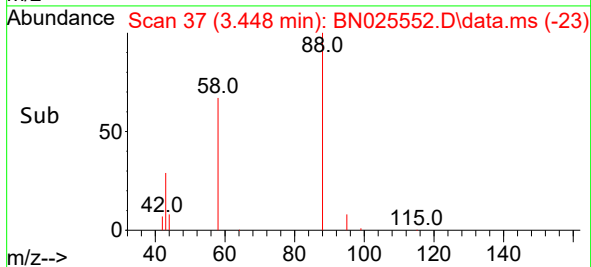
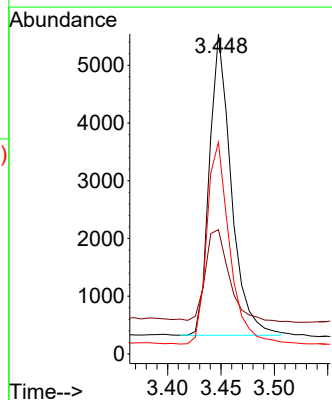
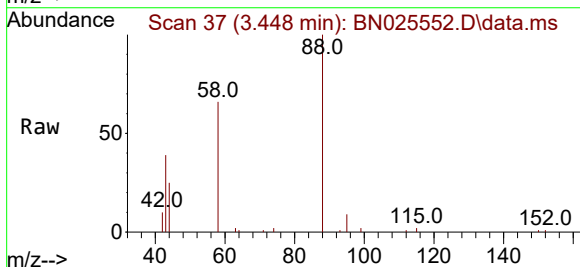


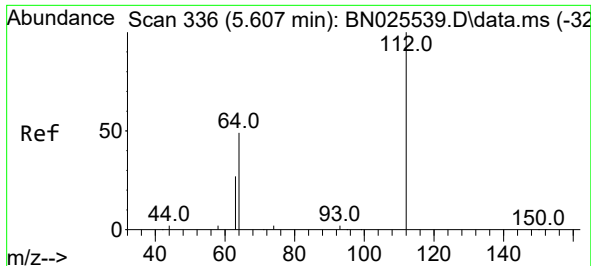
Tgt Ion:152 Resp: 3859
Ion Ratio Lower Upper
152 100
150 150.8 124.6 187.0
115 59.6 49.1 73.7



#2
1,4-Dioxane
Concen: 1.661 ng
RT: 3.448 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN025552.D
Acq: 22 May 2023 23:52

Tgt Ion: 88 Resp: 7417
Ion Ratio Lower Upper
88 100
43 33.1 25.8 38.8
58 70.0 54.9 82.3

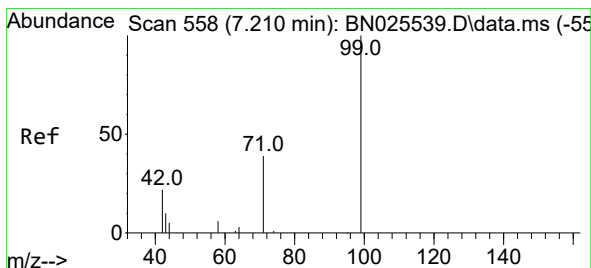
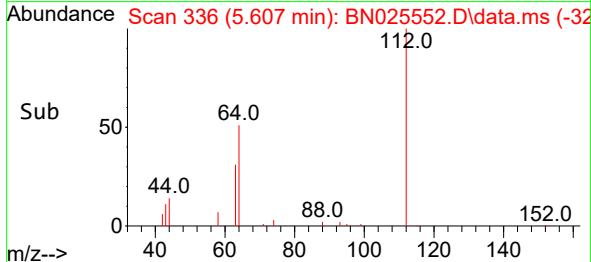
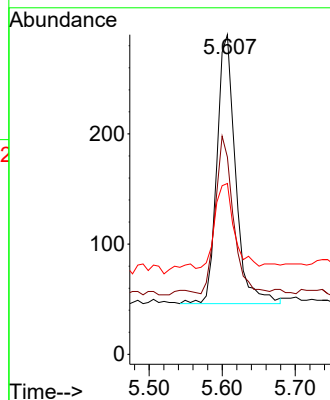
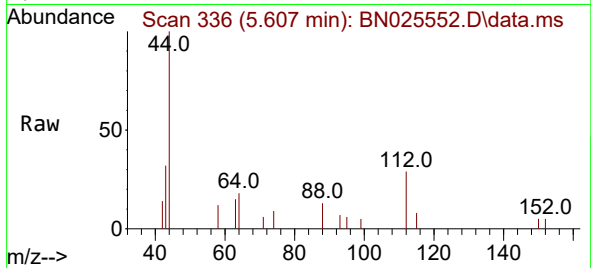




#4
2-Fluorophenol
Concen: 0.044 ng
RT: 5.607 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN025552.D
Acq: 22 May 2023 23:52

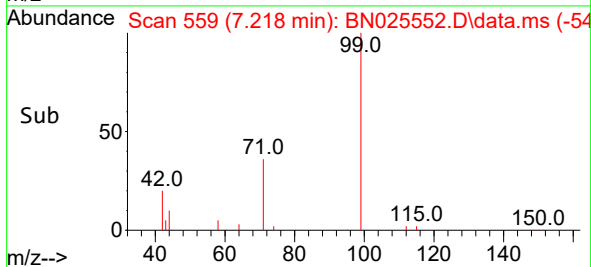
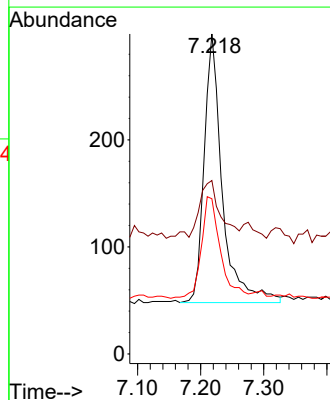
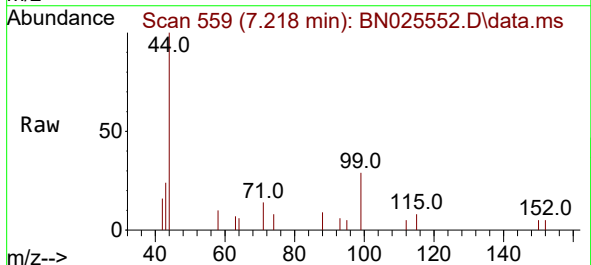
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230517DL

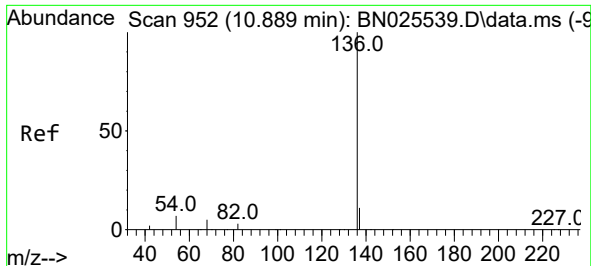
Tgt Ion:112 Resp: 432
Ion Ratio Lower Upper
112 100
64 56.3 44.2 66.4
63 34.5 25.4 38.2



#5
Phenol-d6
Concen: 0.040 ng
RT: 7.218 min Scan# 559
Delta R.T. 0.007 min
Lab File: BN025552.D
Acq: 22 May 2023 23:52

Tgt Ion: 99 Resp: 501
Ion Ratio Lower Upper
99 100
42 22.8 17.5 26.3
71 39.7 30.1 45.1

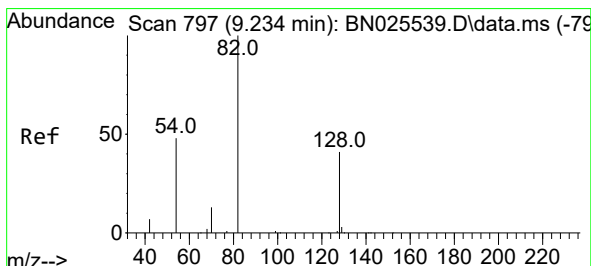
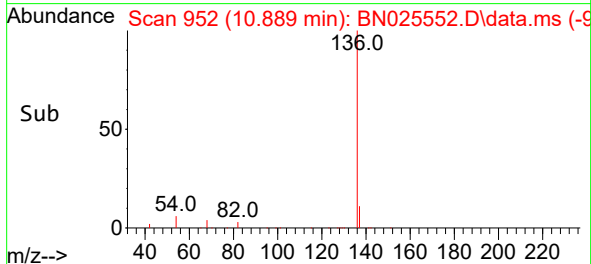
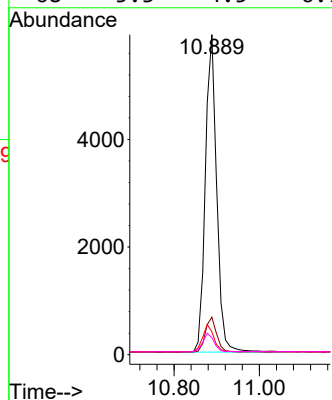
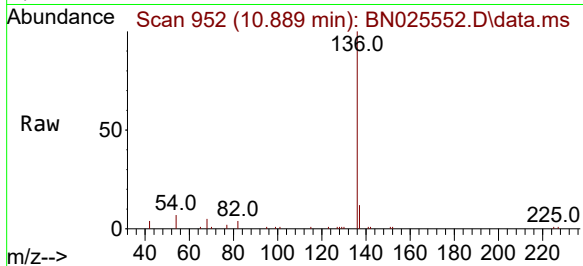




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN025552.D
Acq: 22 May 2023 23:52

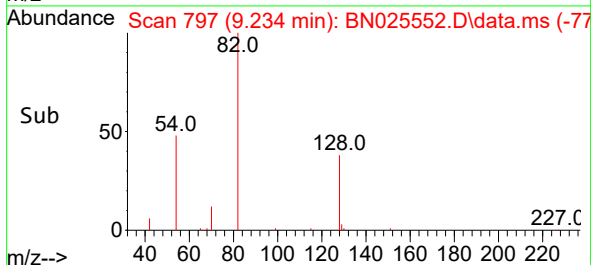
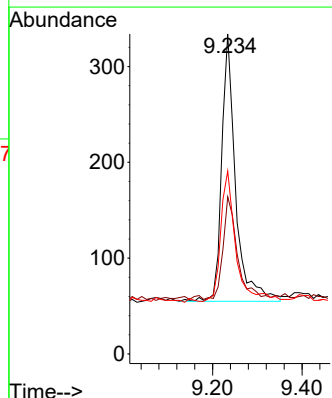
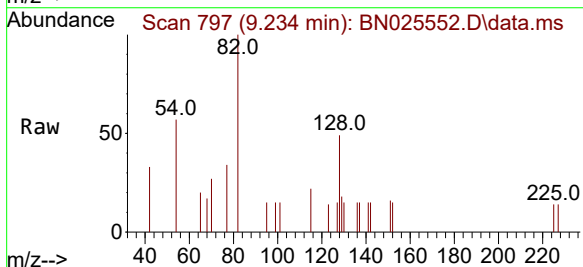
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230517DL

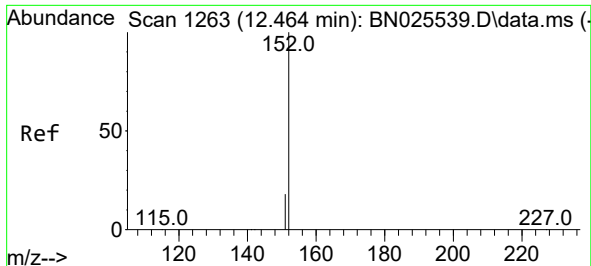
Tgt Ion:	136	Resp:	10869
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.1	6.2	9.4
68	5.3	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.060 ng
RT: 9.234 min Scan# 797
Delta R.T. 0.000 min
Lab File: BN025552.D
Acq: 22 May 2023 23:52

Tgt Ion:	82	Resp:	603
Ion	Ratio	Lower	Upper
82	100		
128	49.1	33.8	50.8
54	57.2	39.8	59.6

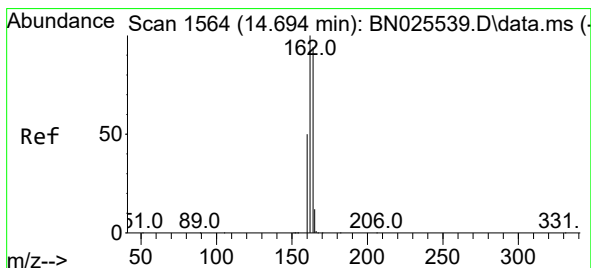
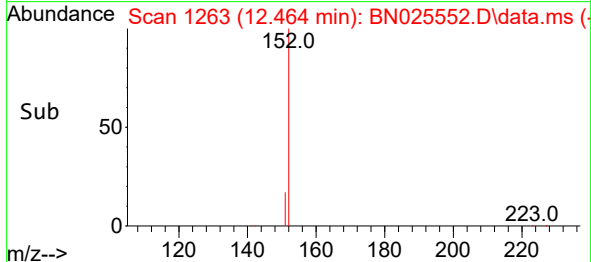
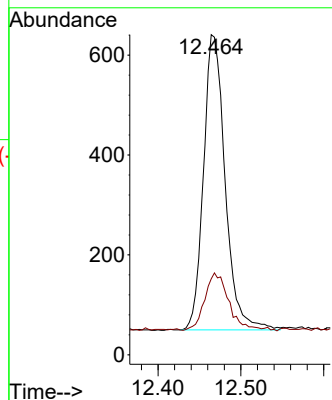
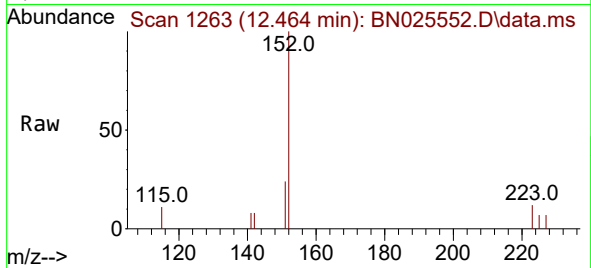




#11
2-Methylnaphthalene-d10
Concen: 0.067 ng
RT: 12.464 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025552.D
Acq: 22 May 2023 23:52

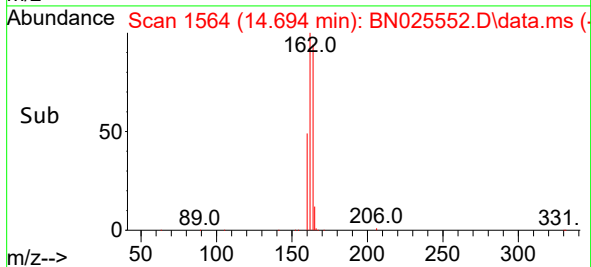
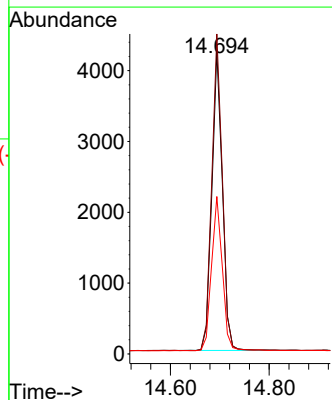
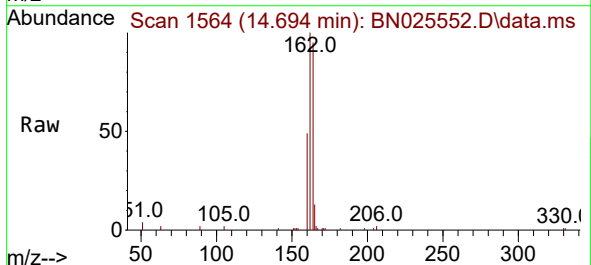
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230517DL

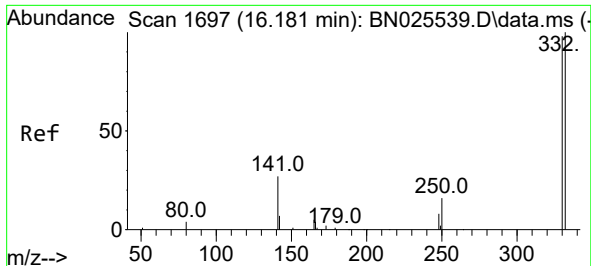
Tgt Ion:152 Resp: 1072
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BN025552.D
Acq: 22 May 2023 23:52

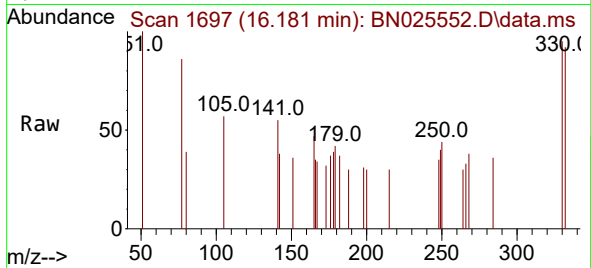
Tgt Ion:164 Resp: 6260
Ion Ratio Lower Upper
164 100
162 105.8 85.5 128.3
160 52.0 42.9 64.3



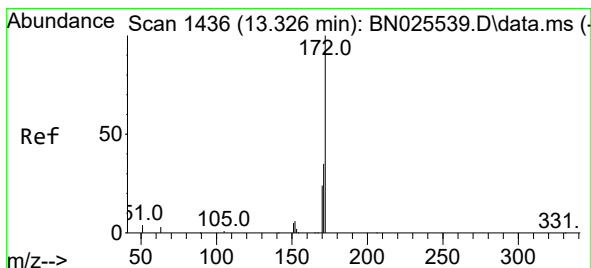
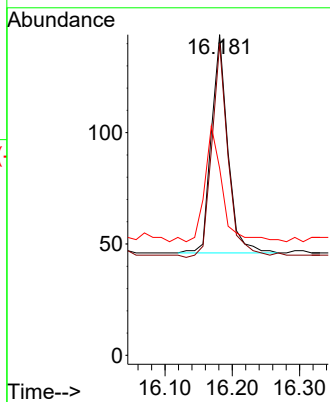
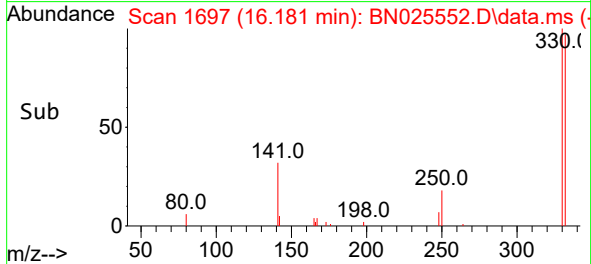


#14
2,4,6-Tribromophenol
Concen: 0.063 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025552.D
Acq: 22 May 2023 23:52

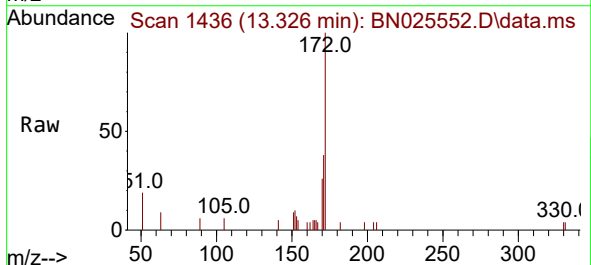
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230517DL



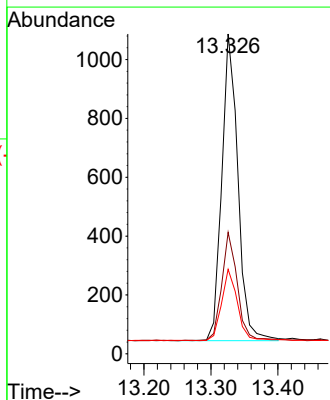
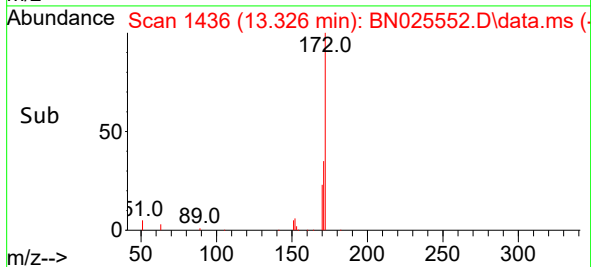
Tgt Ion:330 Resp: 165
Ion Ratio Lower Upper
330 100
332 99.4 76.7 115.1
141 57.6 43.0 64.6

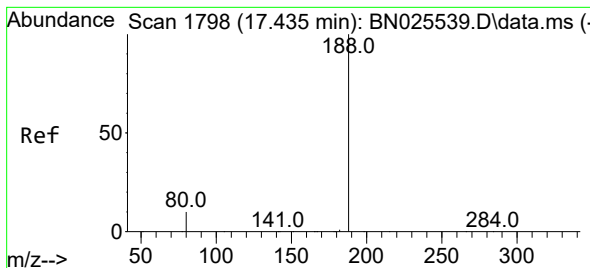


#15
2-Fluorobiphenyl
Concen: 0.064 ng
RT: 13.326 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BN025552.D
Acq: 22 May 2023 23:52



Tgt Ion:172 Resp: 1741
Ion Ratio Lower Upper
172 100
171 38.0 28.3 42.5
170 26.4 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: BN025552.D

Acq: 22 May 2023 23:52

Instrument :

BNA_N

ClientSampleId :

RE125D2-20230517DL

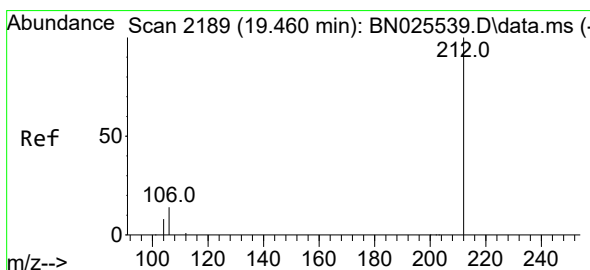
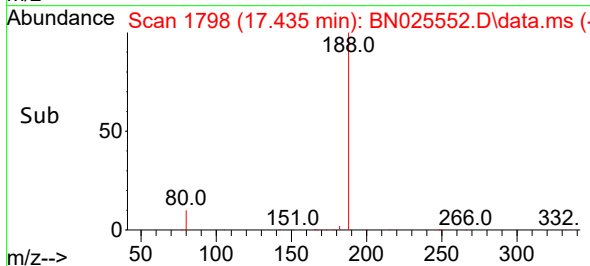
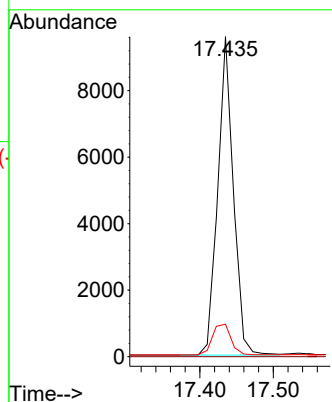
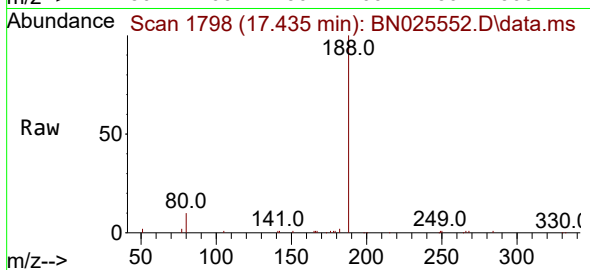
Tgt Ion:188 Resp: 14169

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 8.8 13.2



#27

Fluoranthene-d10

Concen: 0.074 ng

RT: 19.460 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BN025552.D

Acq: 22 May 2023 23:52

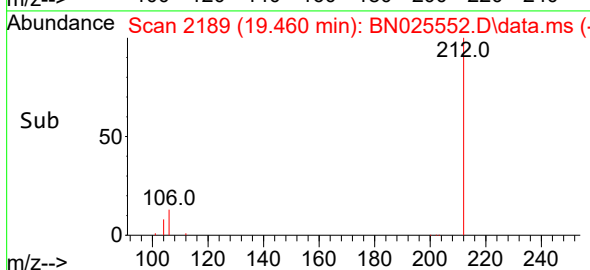
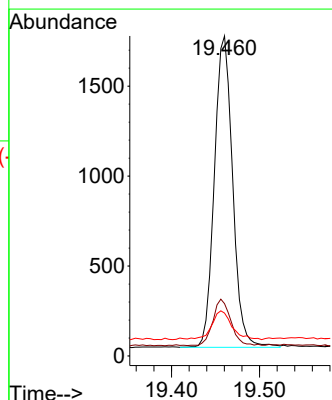
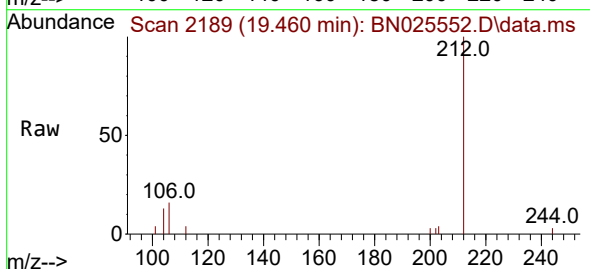
Tgt Ion:212 Resp: 2496

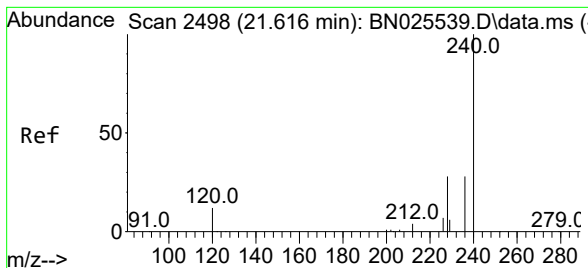
Ion Ratio Lower Upper

212 100

106 14.7 11.4 17.2

104 10.1 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: BN025552.D

Acq: 22 May 2023 23:52

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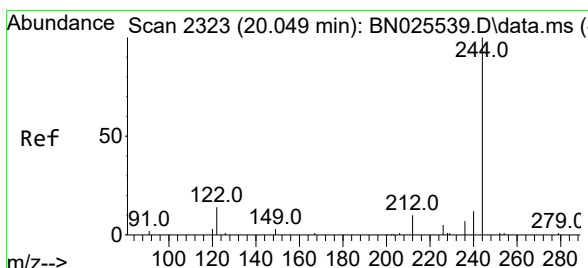
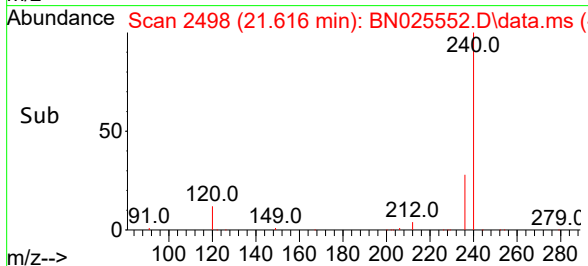
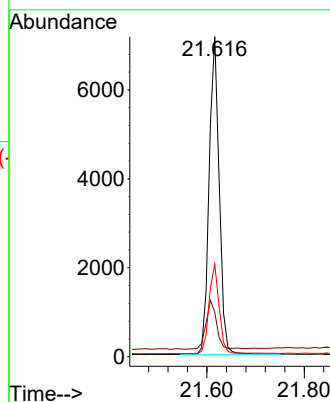
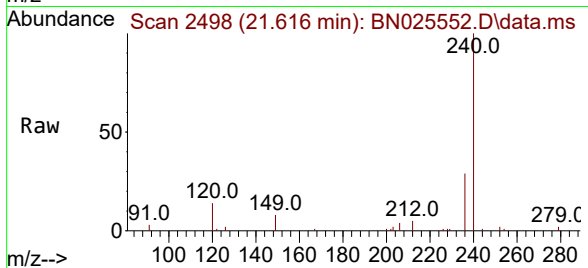
Tgt Ion:240 Resp: 10351

Ion Ratio Lower Upper

240 100

120 13.9 11.7 17.5

236 28.9 23.0 34.6



#31

Terphenyl-d14

Concen: 0.079 ng

RT: 20.049 min Scan# 2323

Delta R.T. 0.000 min

Lab File: BN025552.D

Acq: 22 May 2023 23:52

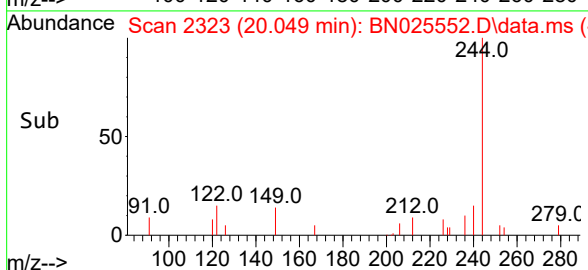
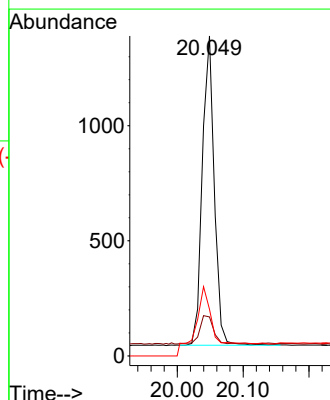
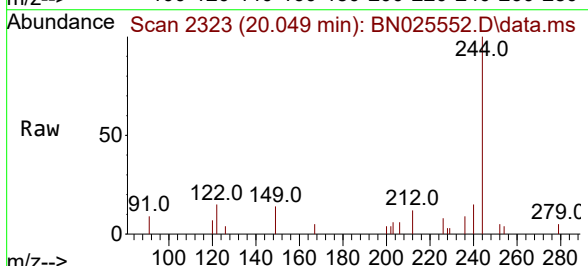
Tgt Ion:244 Resp: 1701

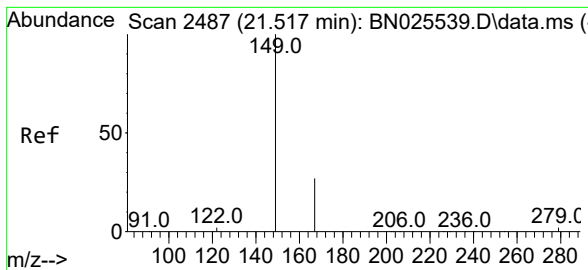
Ion Ratio Lower Upper

244 100

212 12.2 8.4 12.6

122 14.6 11.4 17.0

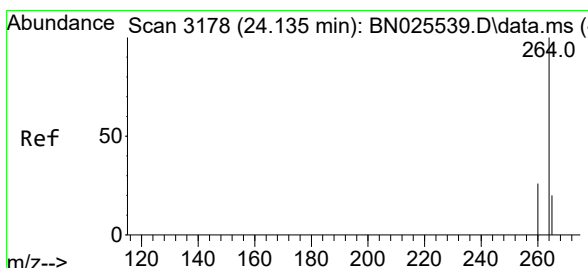
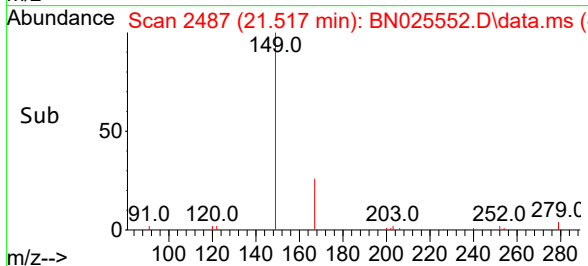
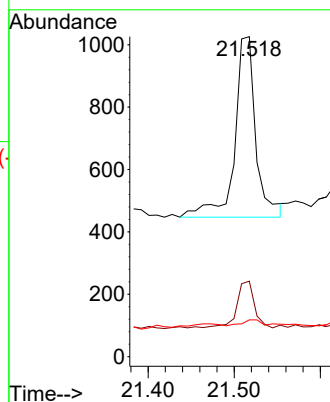
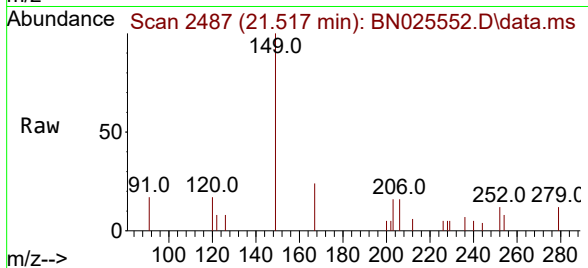




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.517 min Scan# 2487
 Delta R.T. 0.000 min
 Lab File: BN025552.D
 Acq: 22 May 2023 23:52

Instrument :
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 RE125D2-20230517DL

Tgt Ion:	149	Resp:	990
Ion	Ratio	Lower	Upper
149	100		
167	21.7	21.5	32.3
279	3.3	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.132 min Scan# 3177
 Delta R.T. -0.003 min
 Lab File: BN025552.D
 Acq: 22 May 2023 23:52

Tgt Ion:	264	Resp:	10386
Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.1	31.7
265	39.7	35.5	53.3

