

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
 Data File : BN025550.D
 Acq On : 22 May 2023 22:40
 Operator : CG/JU
 Sample : 02834-11DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230517DL

Quant Time: May 23 03:35:30 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)

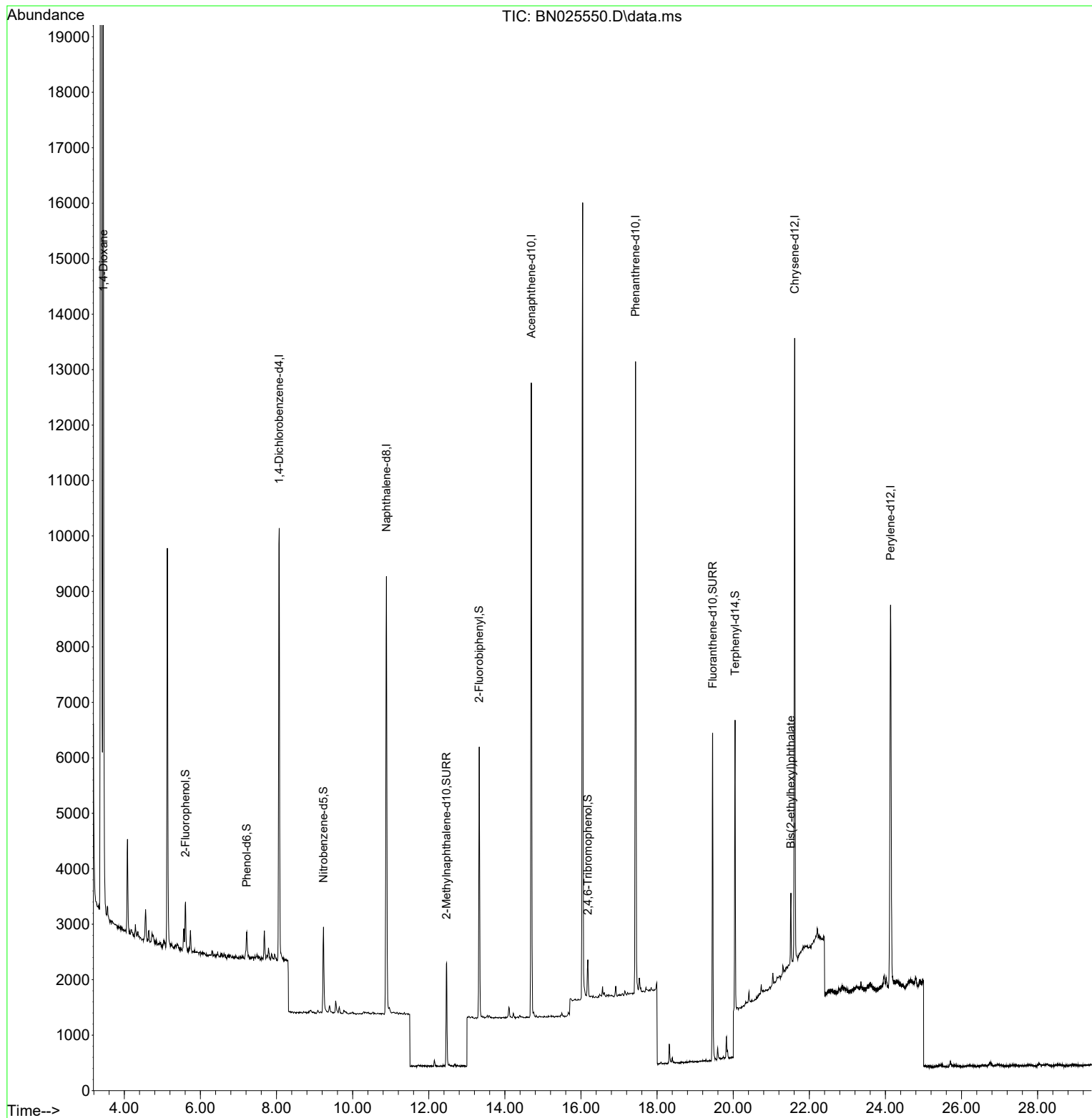
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	3974	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	11245	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6296	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	14772	0.400	ng	0.00
29) Chrysene-d12	21.616	240	10943	0.400	ng	0.00
35) Perylene-d12	24.135	264	11092	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	678	0.066	ng	0.00
5) Phenol-d6	7.218	99	531	0.041	ng	0.00
8) Nitrobenzene-d5	9.234	82	1444	0.139	ng	0.00
11) 2-Methylnaphthalene-d10	12.464	152	2696	0.163	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	382	0.145	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	4188	0.153	ng	0.00
27) Fluoranthene-d10	19.460	212	6602	0.189	ng	0.00
31) Terphenyl-d14	20.049	244	4473	0.197	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	13235	2.878	ng	99
34) Bis(2-ethylhexyl)phtha...	21.518	149	1375	0.051	ng	# 95

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

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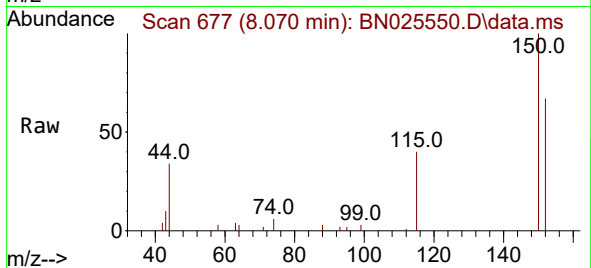
Quant Time: May 23 03:35:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration



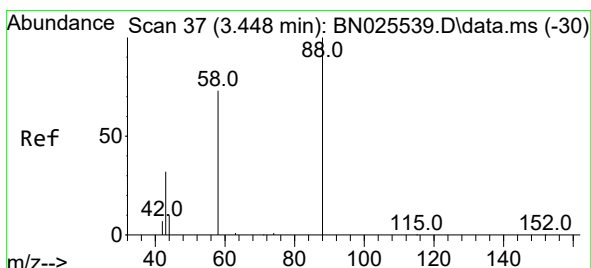
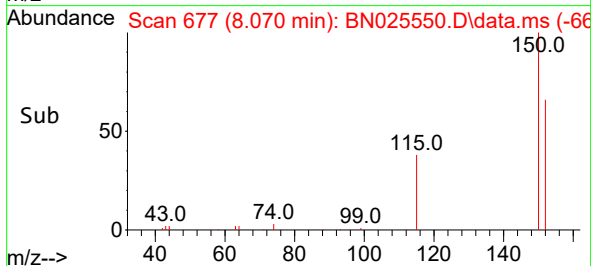
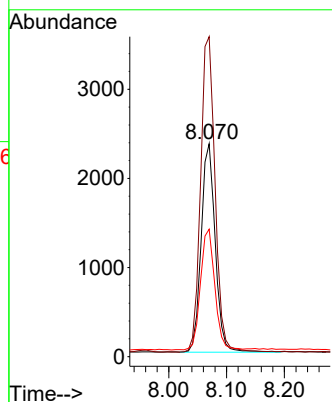


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025550.D
Acq: 22 May 2023 22:40

Instrument :
BNA_N
ClientSampleId :
RE125D1-20230517DL

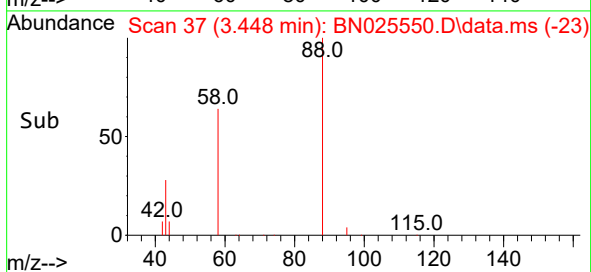
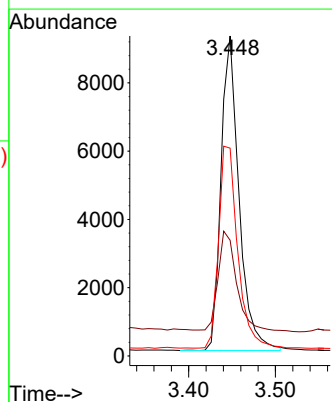
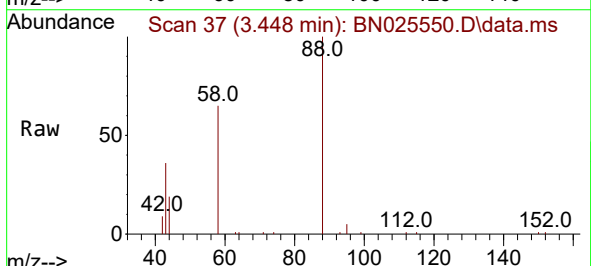


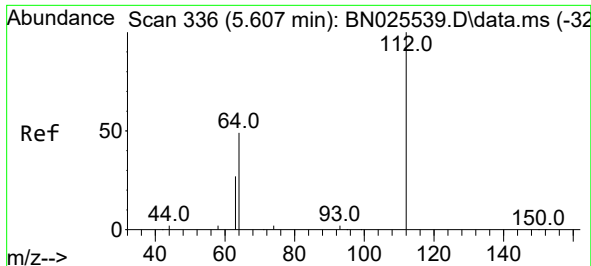
Tgt Ion:152 Resp: 3974
Ion Ratio Lower Upper
152 100
150 150.2 124.6 187.0
115 59.8 49.1 73.7



#2
1,4-Dioxane
Concen: 2.878 ng
RT: 3.448 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN025550.D
Acq: 22 May 2023 22:40

Tgt Ion: 88 Resp: 13235
Ion Ratio Lower Upper
88 100
43 31.8 25.8 38.8
58 68.2 54.9 82.3





#4

2-Fluorophenol

Concen: 0.066 ng

RT: 5.607 min Scan# 336

Delta R.T. 0.000 min

Lab File: BN025550.D

Acq: 22 May 2023 22:40

Instrument :

BNA_N

ClientSampleId :

RE125D1-20230517DL

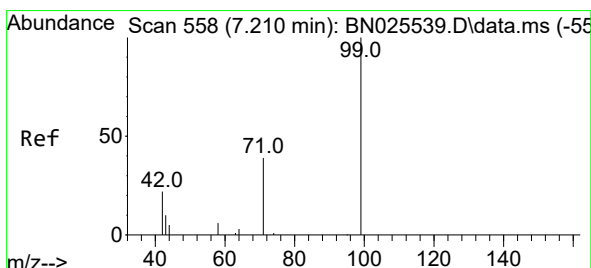
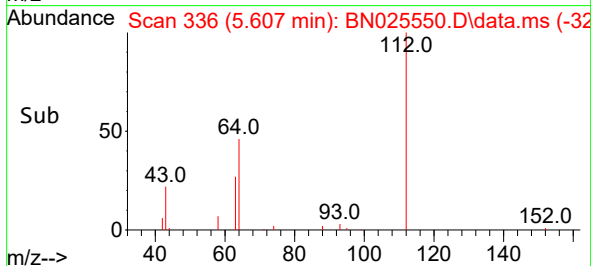
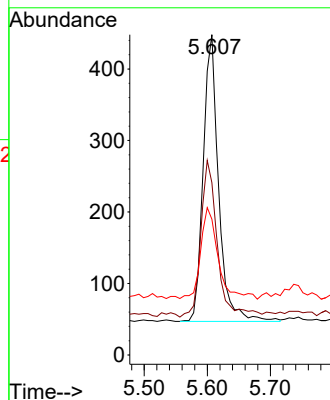
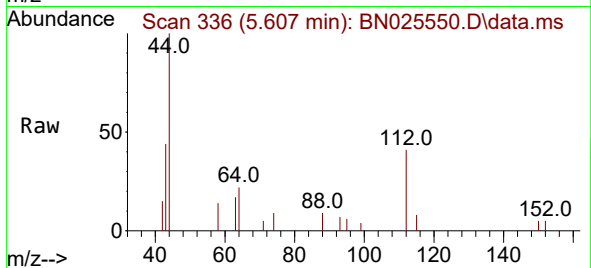
Tgt Ion:112 Resp: 678

Ion Ratio Lower Upper

112 100

64 58.8 44.2 66.4

63 36.1 25.4 38.2



#5

Phenol-d6

Concen: 0.041 ng

RT: 7.218 min Scan# 559

Delta R.T. 0.007 min

Lab File: BN025550.D

Acq: 22 May 2023 22:40

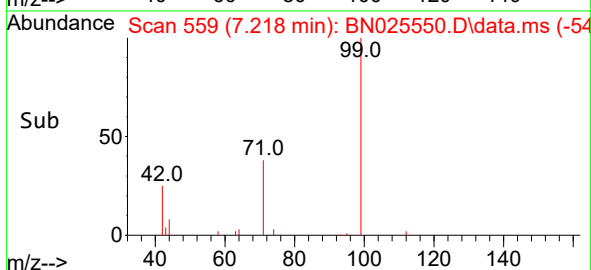
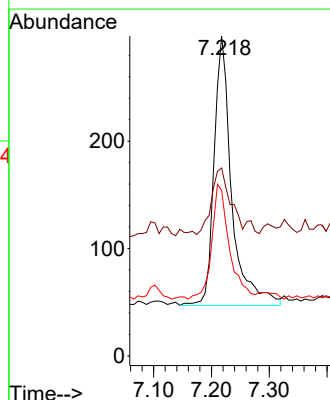
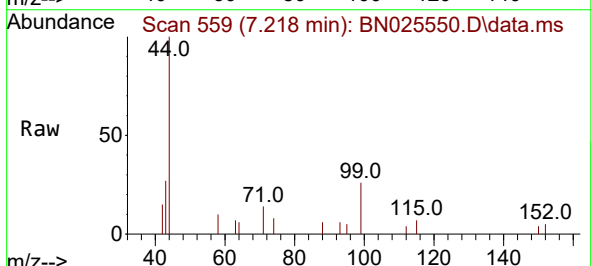
Tgt Ion: 99 Resp: 531

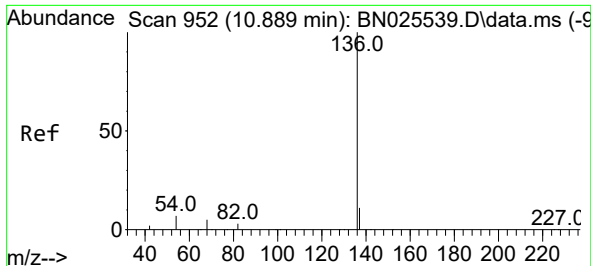
Ion Ratio Lower Upper

99 100

42 28.6 17.5 26.3#

71 42.6 30.1 45.1

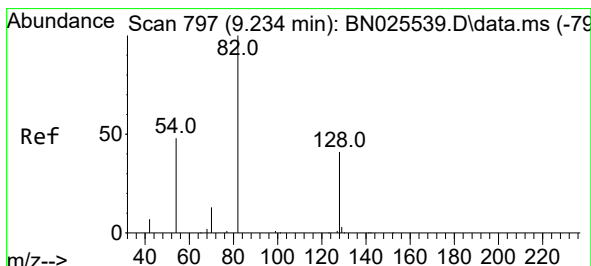
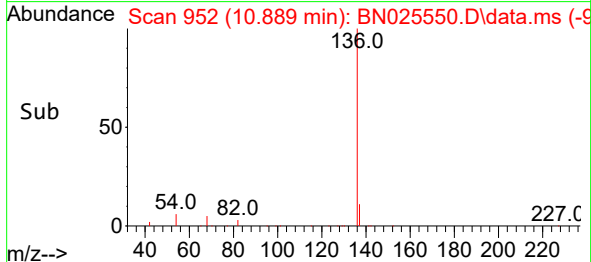
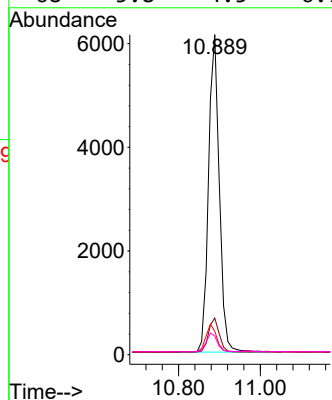
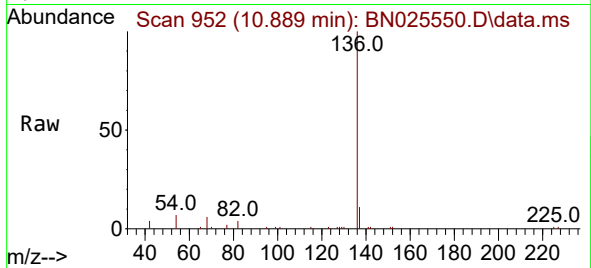




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN025550.D
Acq: 22 May 2023 22:40

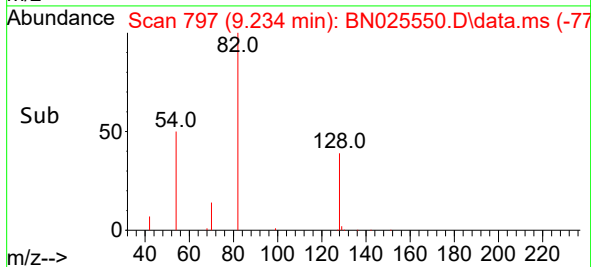
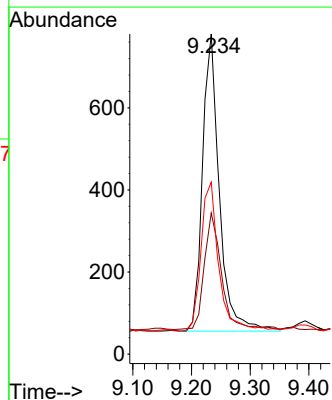
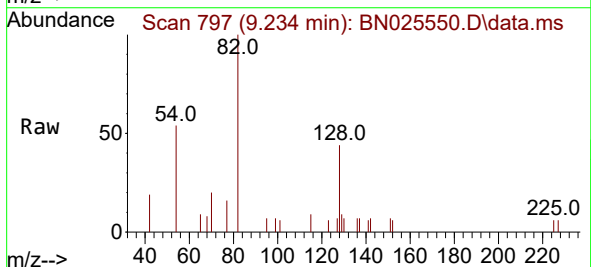
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230517DL

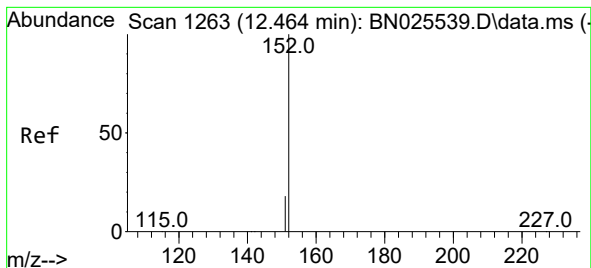
Tgt Ion:	136	Resp:	11245
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.3	6.2	9.4
68	5.8	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.139 ng
RT: 9.234 min Scan# 797
Delta R.T. 0.000 min
Lab File: BN025550.D
Acq: 22 May 2023 22:40

Tgt Ion:	82	Resp:	1444
Ion	Ratio	Lower	Upper
82	100		
128	44.1	33.8	50.8
54	53.7	39.8	59.6

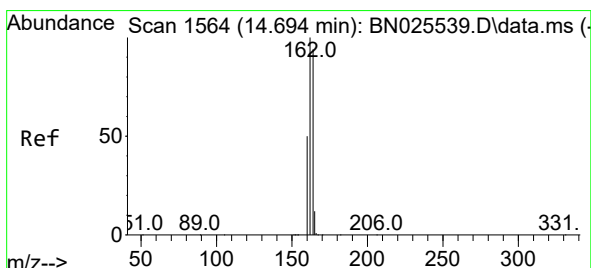
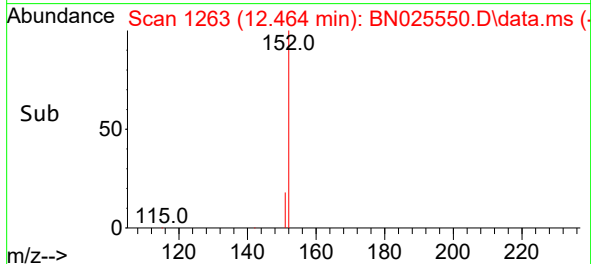
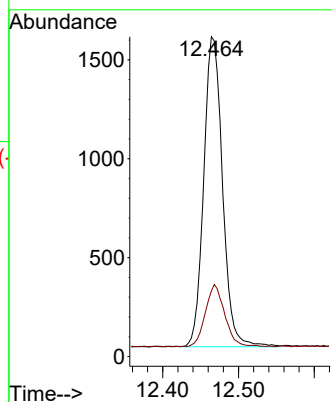
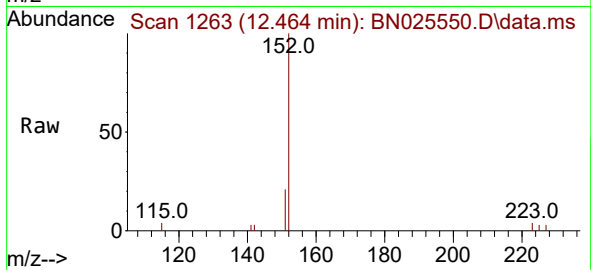




#11
2-Methylnaphthalene-d10
Concen: 0.163 ng
RT: 12.464 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025550.D
Acq: 22 May 2023 22:40

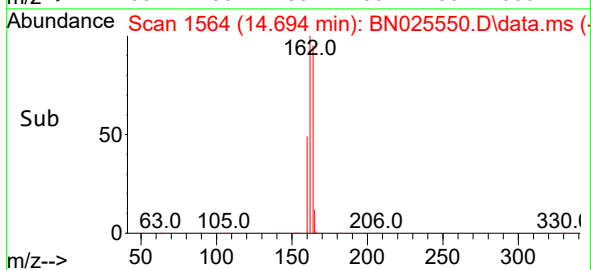
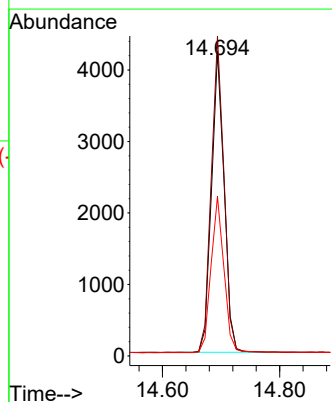
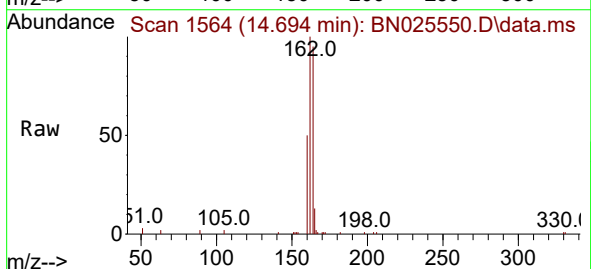
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230517DL

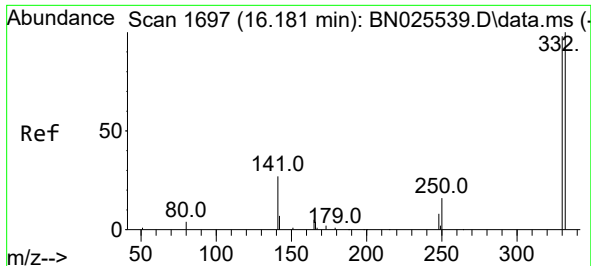
Tgt Ion:152 Resp: 2696
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN025550.D
Acq: 22 May 2023 22:40

Tgt Ion:164 Resp: 6296
Ion Ratio Lower Upper
164 100
162 105.1 85.5 128.3
160 52.4 42.9 64.3

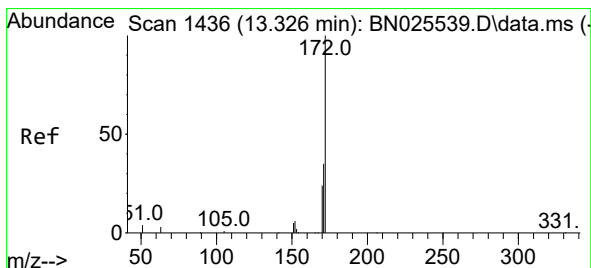
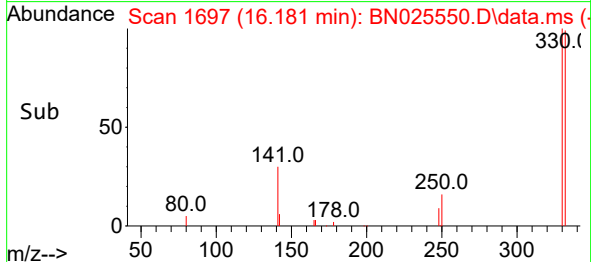
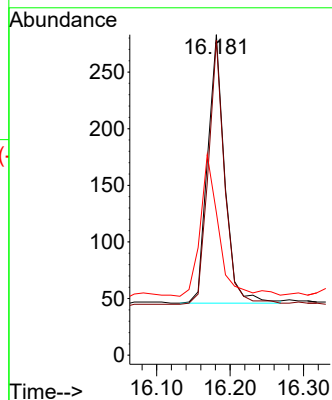
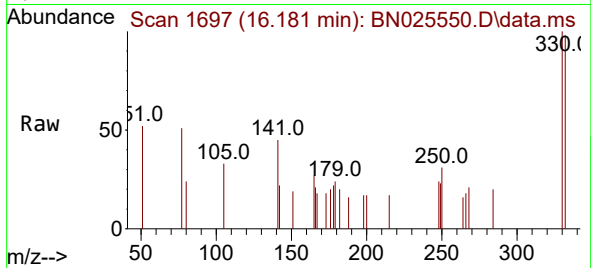




#14
2,4,6-Tribromophenol
Concen: 0.145 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025550.D
Acq: 22 May 2023 22:40

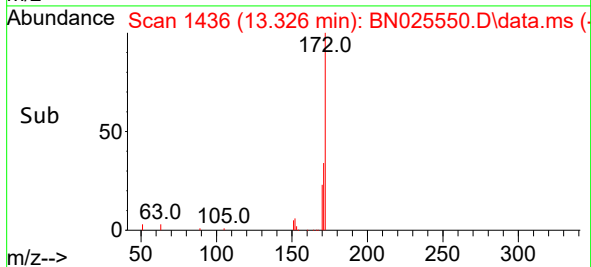
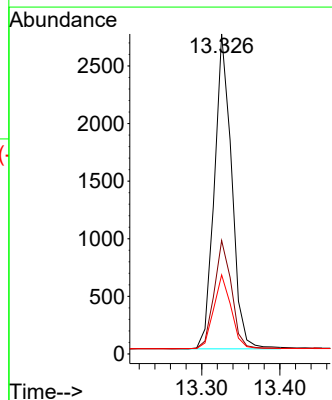
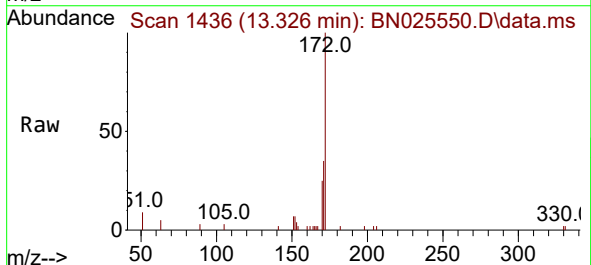
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230517DL

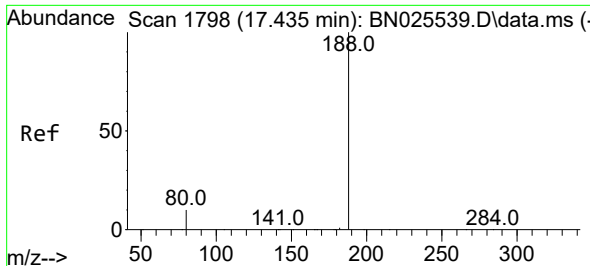
Tgt Ion: 330 Resp: 382
Ion Ratio Lower Upper
330 100
332 94.5 76.7 115.1
141 55.2 43.0 64.6



#15
2-Fluorobiphenyl
Concen: 0.153 ng
RT: 13.326 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BN025550.D
Acq: 22 May 2023 22:40

Tgt Ion: 172 Resp: 4188
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 24.7 19.3 28.9

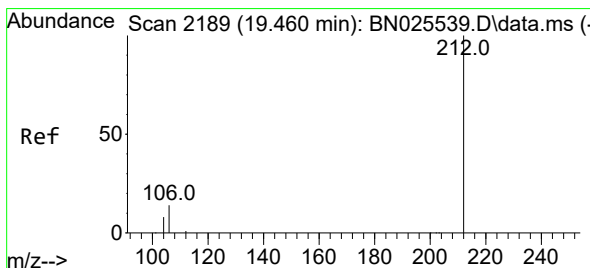
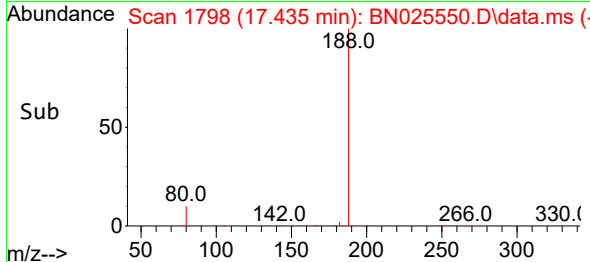
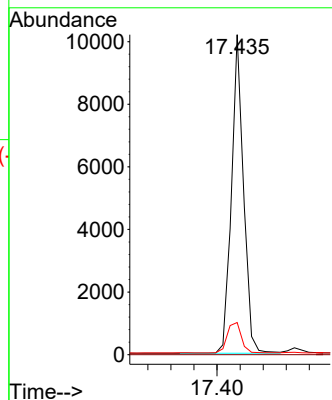
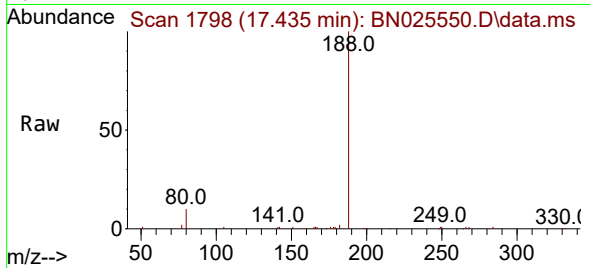




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025550.D
Acq: 22 May 2023 22:40

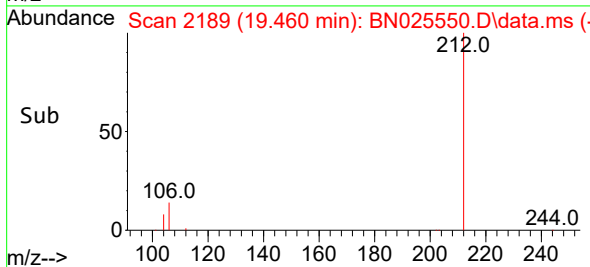
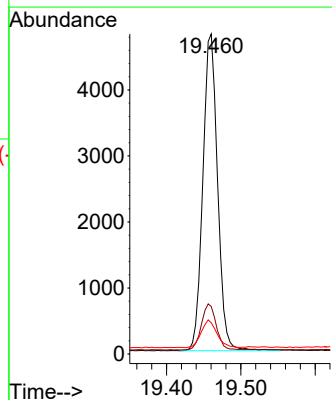
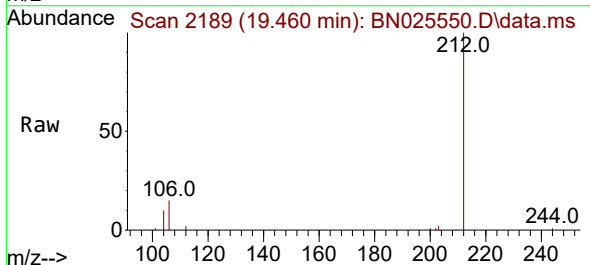
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230517DL

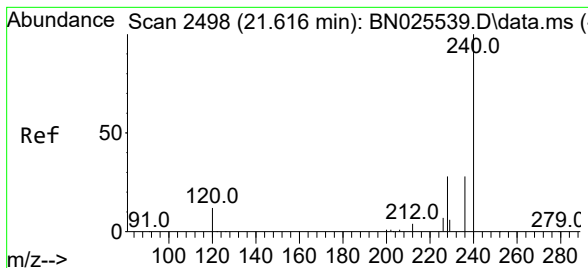
Tgt Ion:188 Resp: 14772
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.189 ng
RT: 19.460 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BN025550.D
Acq: 22 May 2023 22:40

Tgt Ion:212 Resp: 6602
Ion Ratio Lower Upper
212 100
106 14.6 11.4 17.2
104 9.2 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: BN025550.D

Acq: 22 May 2023 22:40

Instrument :

BNA_N

ClientSampleId :

RE125D1-20230517DL

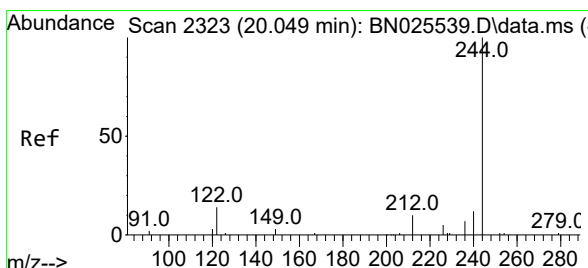
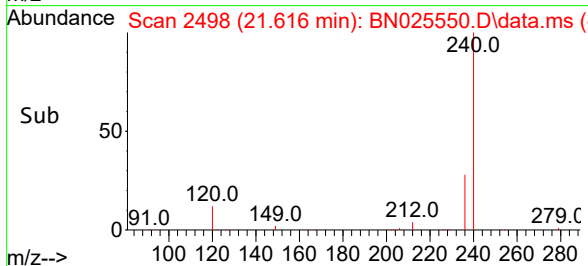
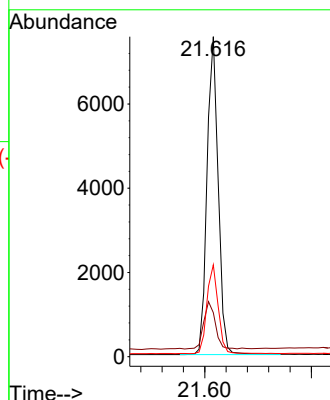
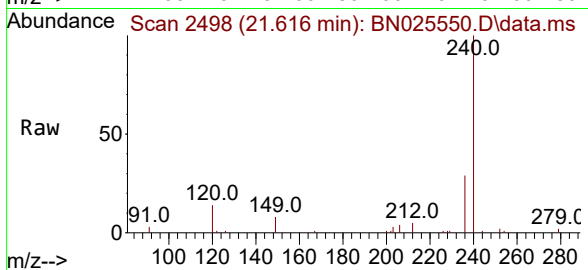
Tgt Ion:240 Resp: 10943

Ion Ratio Lower Upper

240 100

120 13.8 11.7 17.5

236 28.7 23.0 34.6



#31

Terphenyl-d14

Concen: 0.197 ng

RT: 20.049 min Scan# 2323

Delta R.T. 0.000 min

Lab File: BN025550.D

Acq: 22 May 2023 22:40

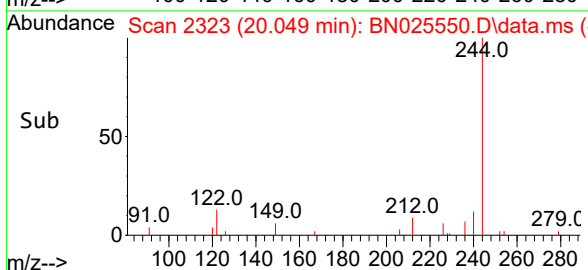
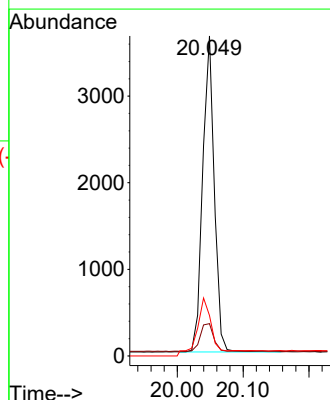
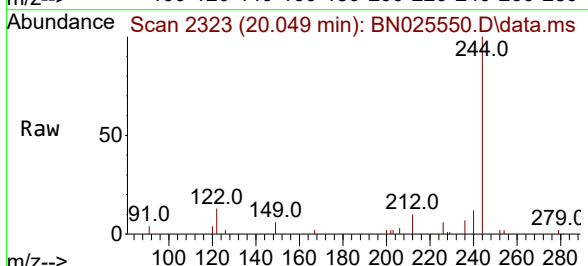
Tgt Ion:244 Resp: 4473

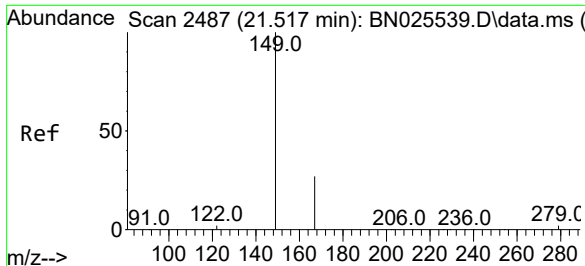
Ion Ratio Lower Upper

244 100

212 10.1 8.4 12.6

122 12.7 11.4 17.0

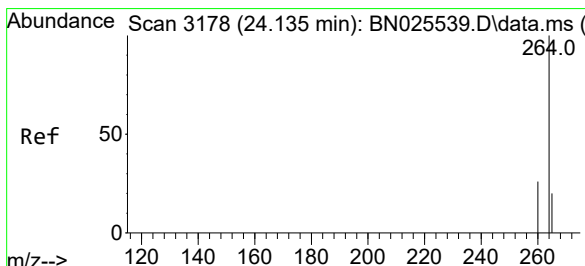
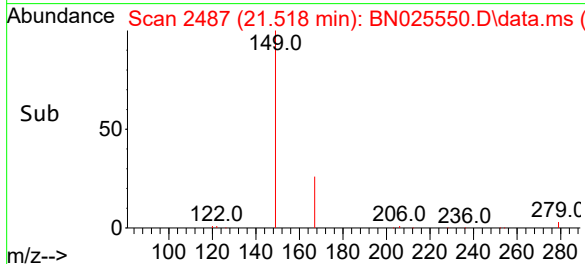
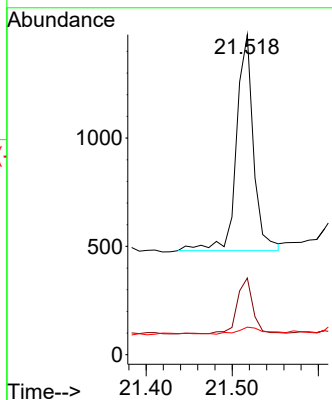
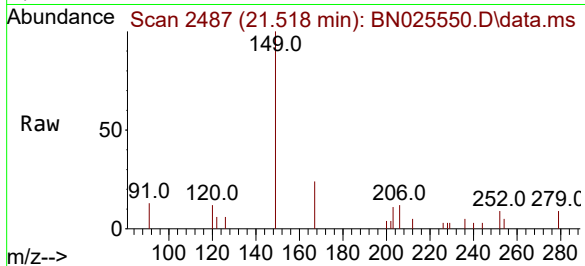




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.518 min Scan# 2487
 Delta R.T. 0.000 min
 Lab File: BN025550.D
 Acq: 22 May 2023 22:40

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230517DL

Tgt Ion:149 Resp: 1375
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.5 32.3
 279 4.4 2.6 4.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.135 min Scan# 3178
 Delta R.T. 0.000 min
 Lab File: BN025550.D
 Acq: 22 May 2023 22:40

Tgt Ion:264 Resp: 11092
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.1 31.7
 265 40.9 35.5 53.3

