

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025667.D
 Acq On : 28 May 2023 05:32
 Operator : CG/JU
 Sample : 02911-13
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20230522

Quant Time: May 29 01:13:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

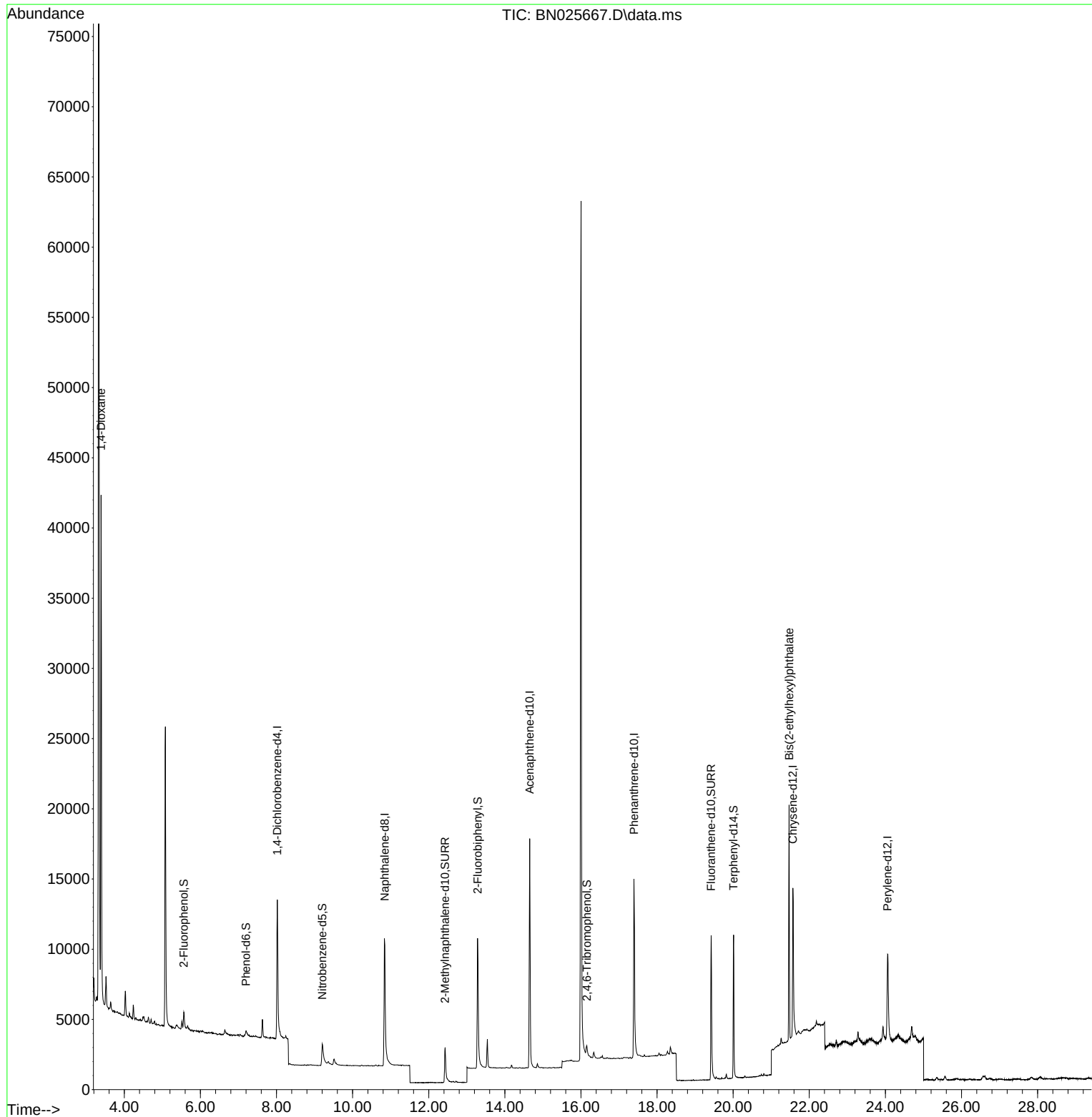
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6126	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	16738	0.400	ng	0.01
13) Acenaphthene-d10	14.651	164	9922	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	20503	0.400	ng	0.00
29) Chrysene-d12	21.569	240	12748	0.400	ng	0.00
35) Perylene-d12	24.057	264	11067	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1442	0.092	ng	0.00
5) Phenol-d6	7.196	99	795	0.042	ng	0.02
8) Nitrobenzene-d5	9.202	82	2624	0.187	ng	0.01
11) 2-Methylnaphthalene-d10	12.426	152	5132	0.215	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	555	0.277	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10462	0.255	ng	0.00
27) Fluoranthene-d10	19.421	212	13422	0.289	ng	0.00
31) Terphenyl-d14	20.011	244	10368	0.371	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	21822	3.076	ng	98
34) Bis(2-ethylhexyl)phtha...	21.471	149	14603	0.505	ng	99

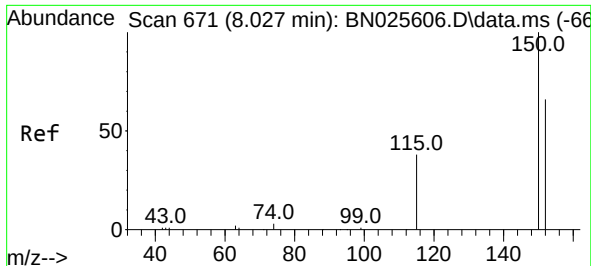
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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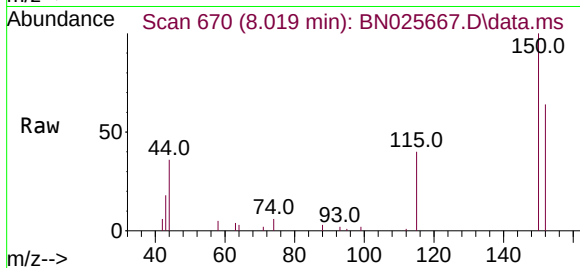
Quant Time: May 29 01:13:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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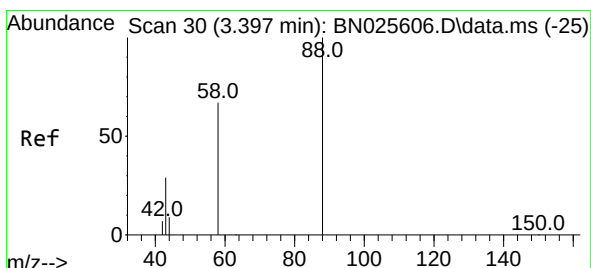
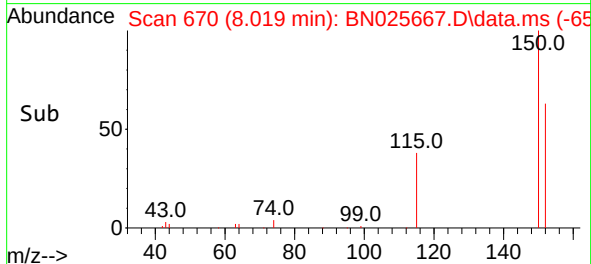
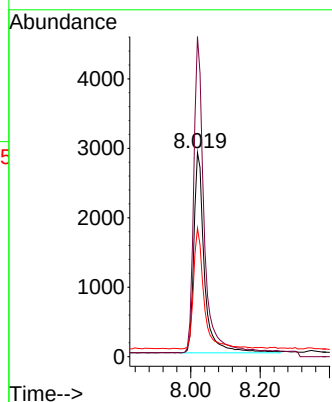


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025667.D
Acq: 28 May 2023 05:32

Instrument :
BNA_N
ClientSampleId :
RE114D2-20230522

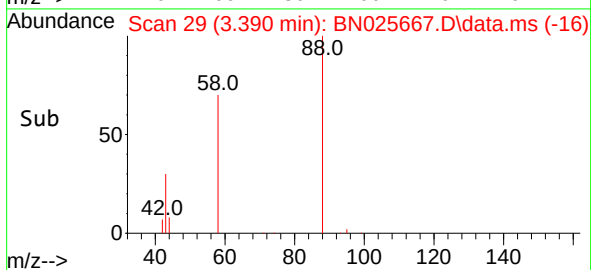
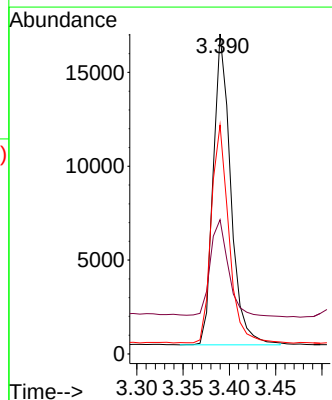
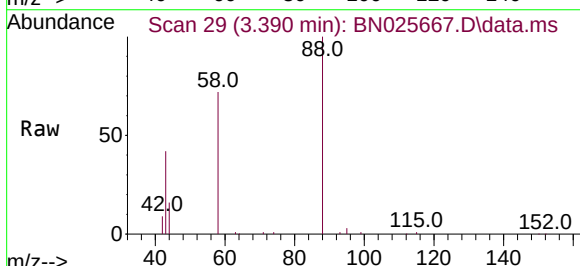


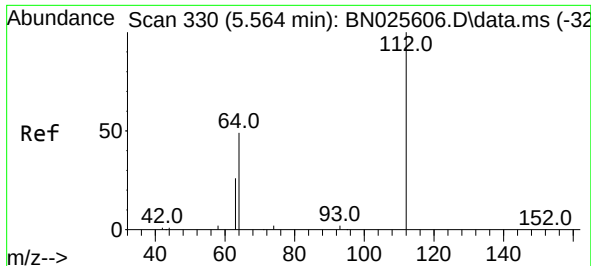
Tgt Ion:152 Resp: 6126
Ion Ratio Lower Upper
152 100
150 156.8 121.0 181.6
115 62.9 48.5 72.7



#2
1,4-Dioxane
Concen: 3.076 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025667.D
Acq: 28 May 2023 05:32

Tgt Ion: 88 Resp: 21822
Ion Ratio Lower Upper
88 100
43 31.9 26.5 39.7
58 69.9 56.8 85.2

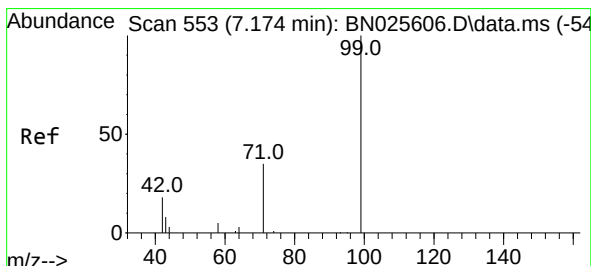
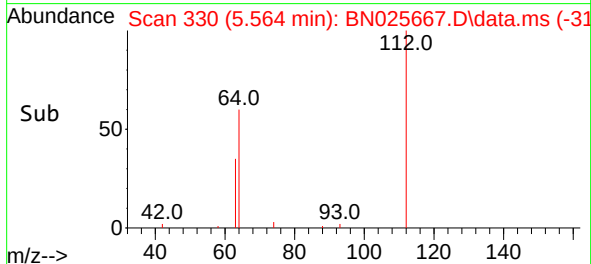
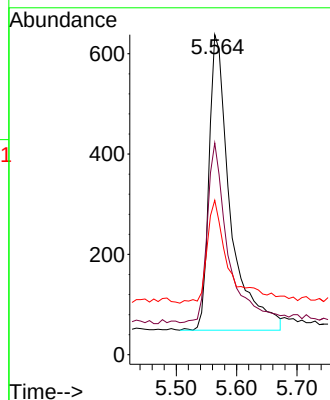
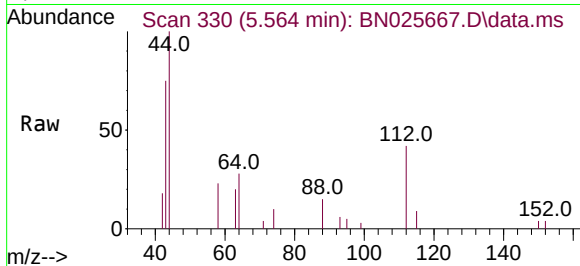




#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025667.D
Acq: 28 May 2023 05:32

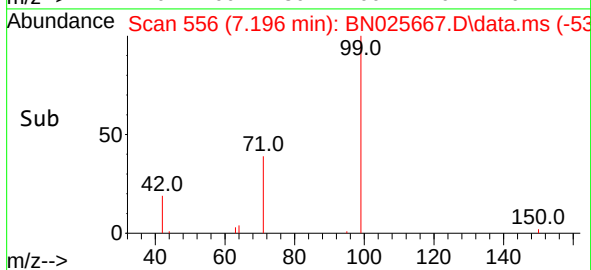
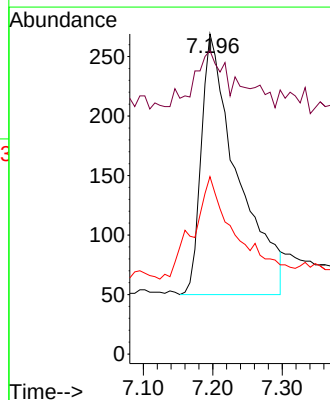
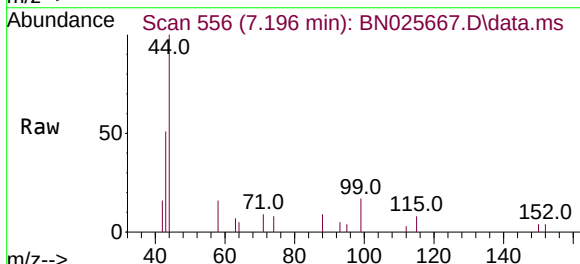
Instrument :
BNA_N
ClientSampleId :
RE114D2-20230522

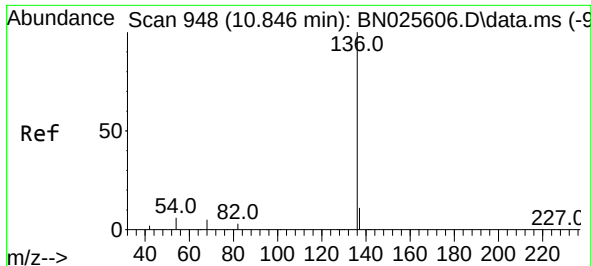
Tgt Ion:112 Resp: 1442
Ion Ratio Lower Upper
112 100
64 59.7 45.7 68.5
63 35.4 26.2 39.2



#5
Phenol-d6
Concen: 0.042 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.022 min
Lab File: BN025667.D
Acq: 28 May 2023 05:32

Tgt Ion: 99 Resp: 795
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 45.2 29.3 43.9#

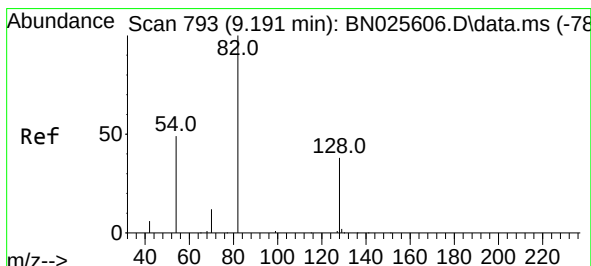
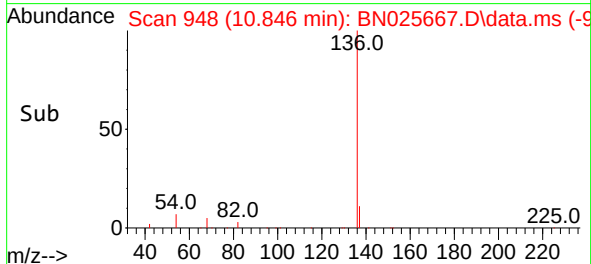
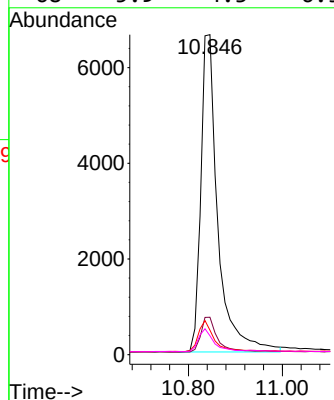
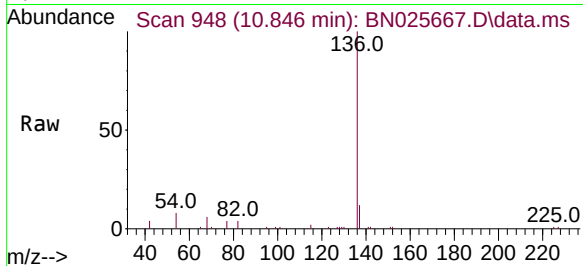




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN025667.D
Acq: 28 May 2023 05:32

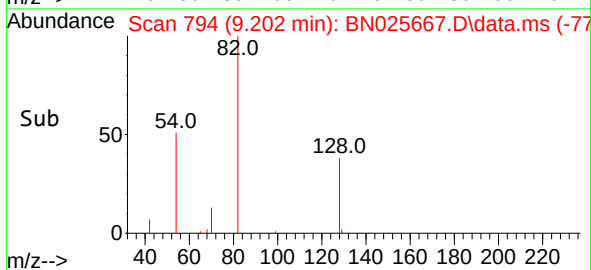
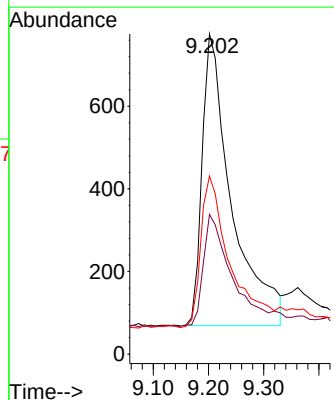
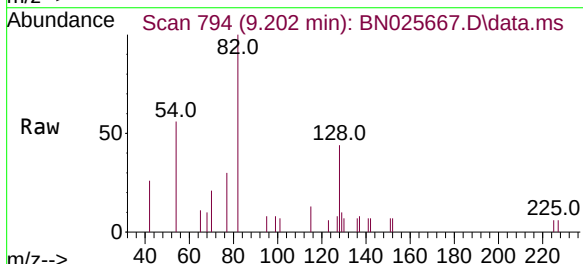
Instrument :
BNA_N
ClientSampleId :
RE114D2-20230522

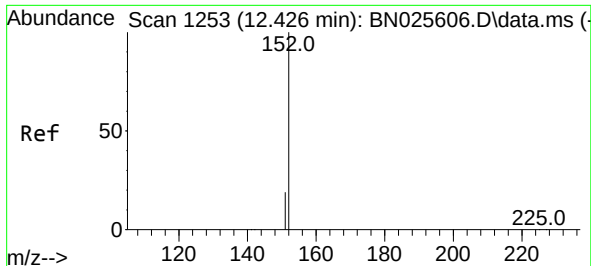
Tgt Ion:	136	Resp:	16738
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.7	5.4	8.0
68	5.9	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.187 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025667.D
Acq: 28 May 2023 05:32

Tgt Ion:	82	Resp:	2624
Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.5	48.7
54	55.6	40.6	60.8





#11

2-Methylnaphthalene-d10

Concen: 0.215 ng

RT: 12.426 min Scan# 1253

Delta R.T. 0.004 min

Lab File: BN025667.D

Acq: 28 May 2023 05:32

Instrument :

BNA_N

ClientSampleId :

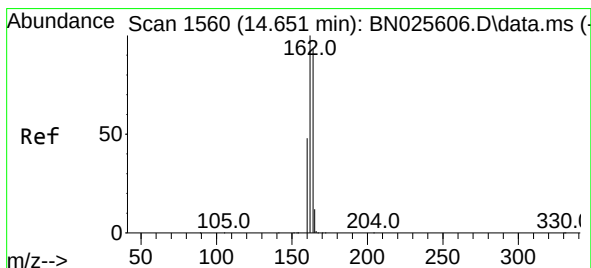
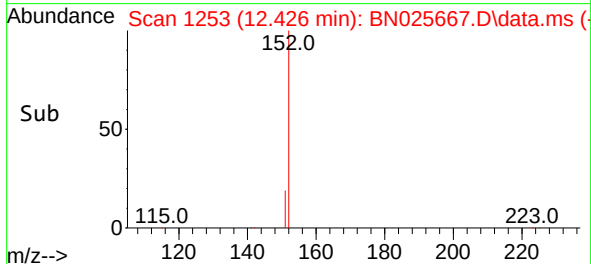
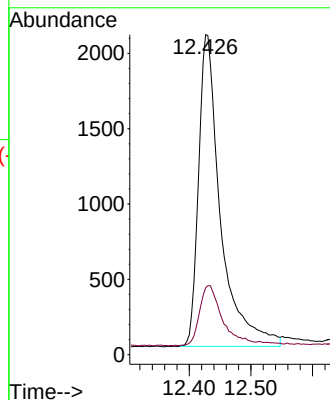
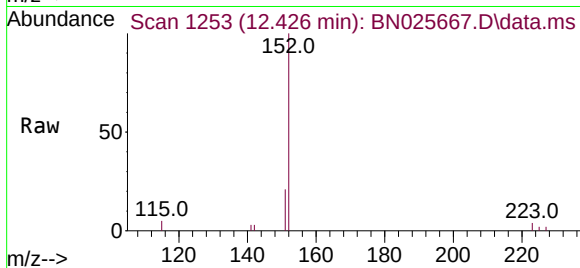
RE114D2-20230522

Tgt Ion:152 Resp: 5132

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BN025667.D

Acq: 28 May 2023 05:32

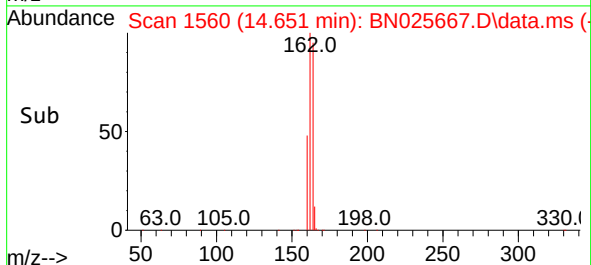
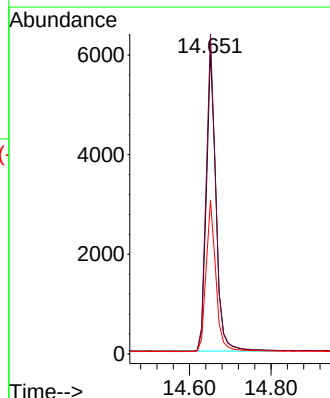
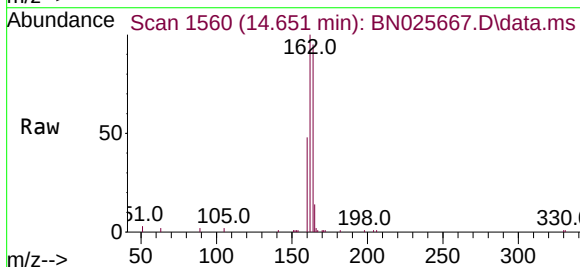
Tgt Ion:164 Resp: 9922

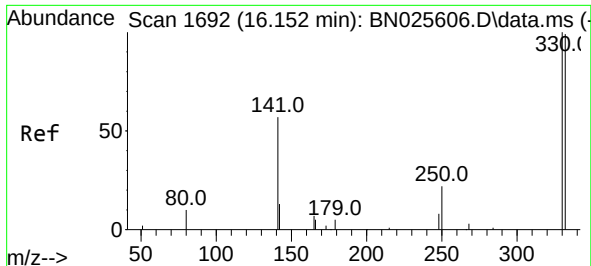
Ion Ratio Lower Upper

164 100

162 105.7 86.4 129.6

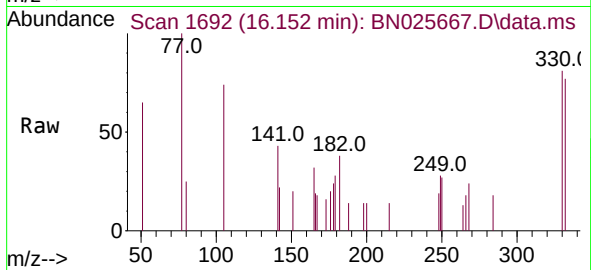
160 50.7 41.9 62.9



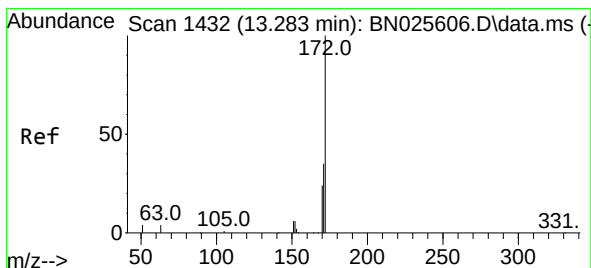
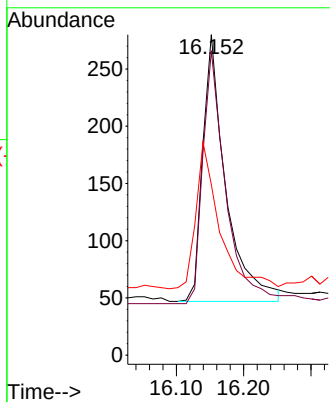
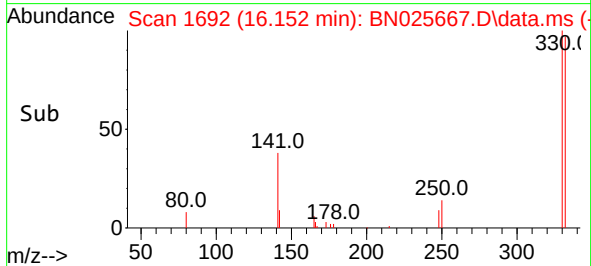


#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025667.D
Acq: 28 May 2023 05:32

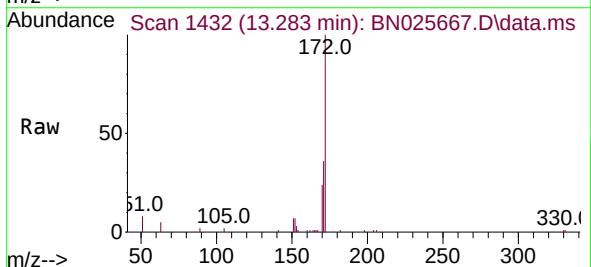
Instrument :
BNA_N
ClientSampleId :
RE114D2-20230522



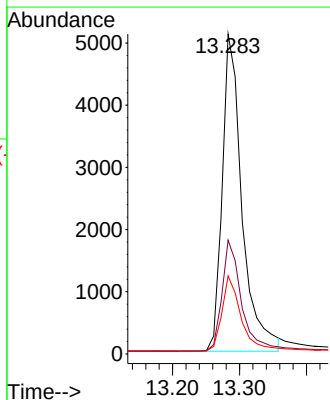
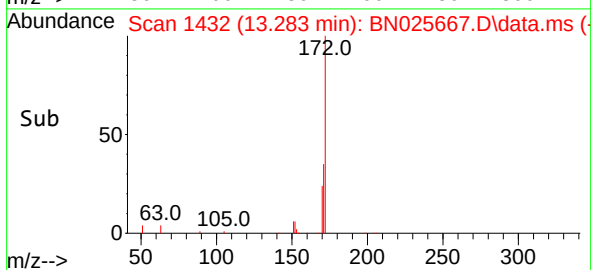
Tgt Ion:330 Resp: 555
Ion Ratio Lower Upper
330 100
332 94.4 80.0 120.0
141 56.0 45.8 68.6

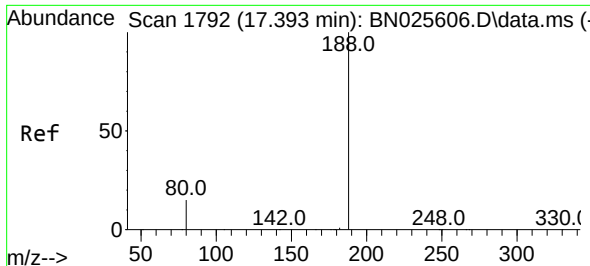


#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025667.D
Acq: 28 May 2023 05:32



Tgt Ion:172 Resp: 10462
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.4 19.7 29.5

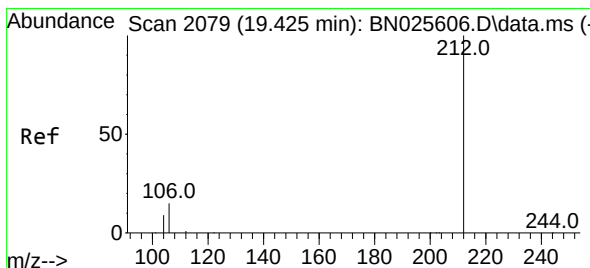
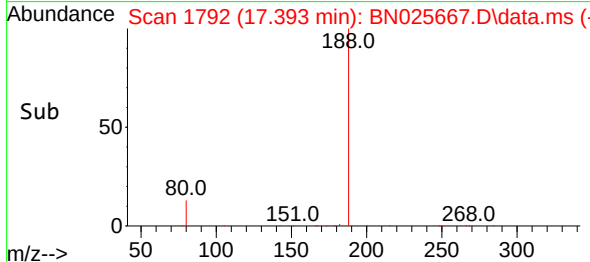
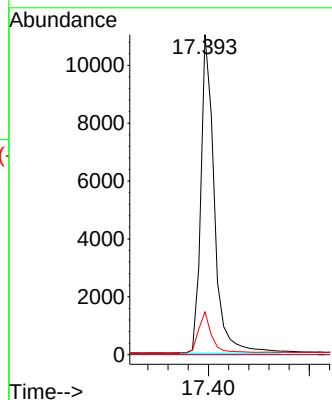
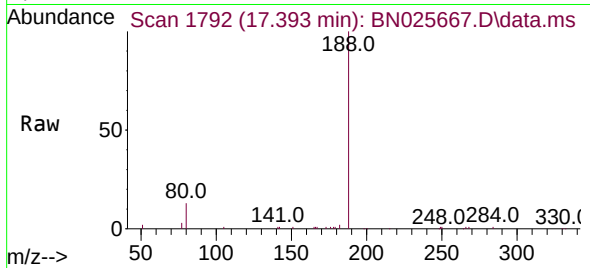




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025667.D
Acq: 28 May 2023 05:32

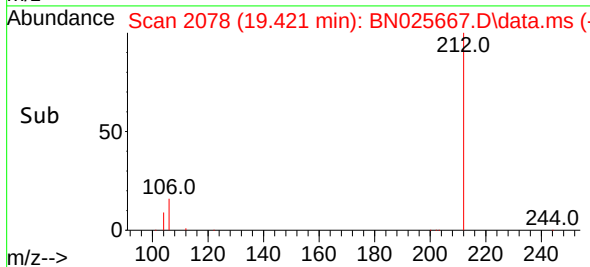
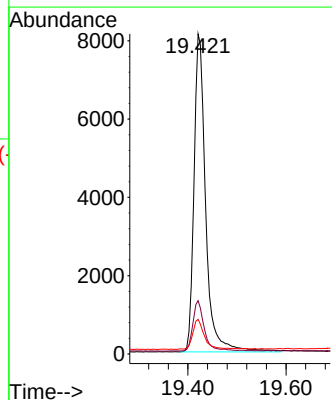
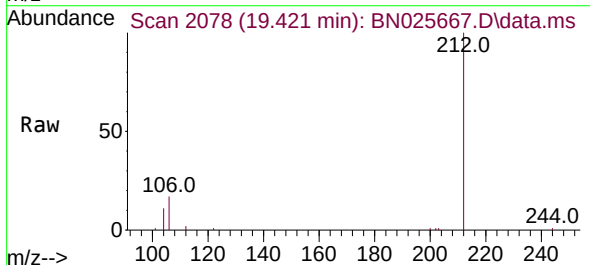
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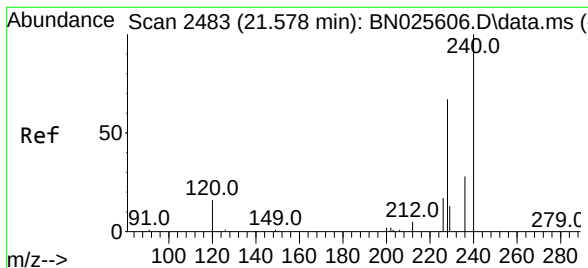
Tgt Ion:188 Resp: 20503
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.289 ng
RT: 19.421 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BN025667.D
Acq: 28 May 2023 05:32

Tgt Ion:212 Resp: 13422
Ion Ratio Lower Upper
212 100
106 15.2 12.3 18.5
104 9.4 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.569 min Scan# 2482

Delta R.T. -0.009 min

Lab File: BN025667.D

Acq: 28 May 2023 05:32

Instrument :

BNA_N

ClientSampleId :

RE114D2-20230522

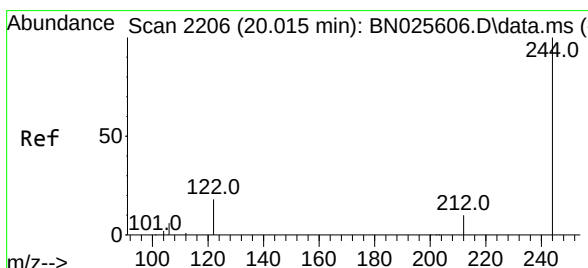
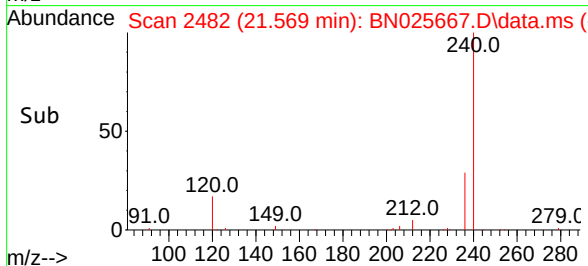
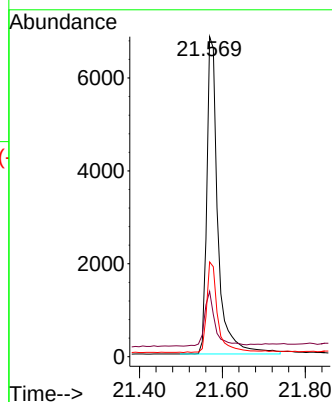
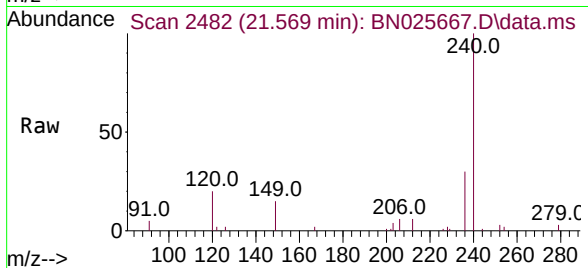
Tgt Ion:240 Resp: 12748

Ion Ratio Lower Upper

240 100

120 20.4 15.4 23.0

236 29.6 23.2 34.8



#31

Terphenyl-d14

Concen: 0.371 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025667.D

Acq: 28 May 2023 05:32

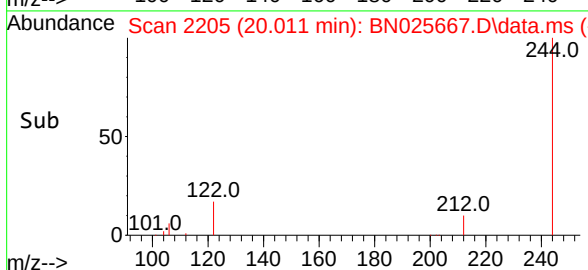
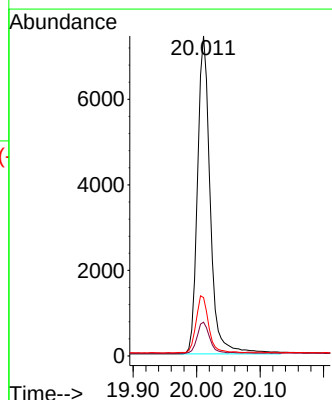
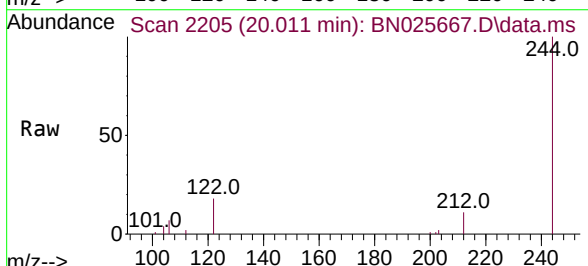
Tgt Ion:244 Resp: 10368

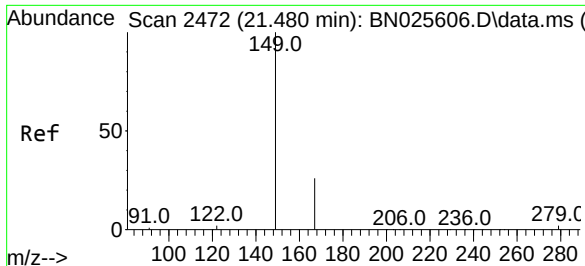
Ion Ratio Lower Upper

244 100

212 10.5 8.5 12.7

122 18.2 14.9 22.3

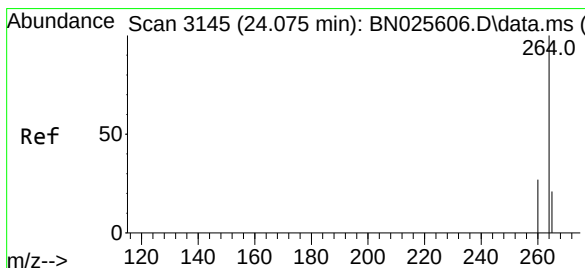
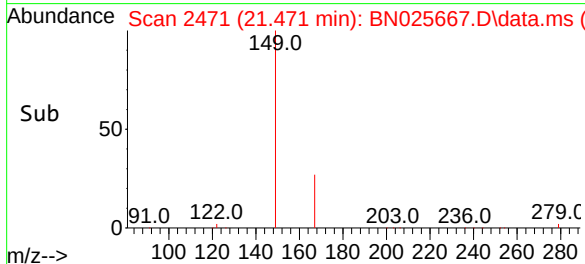
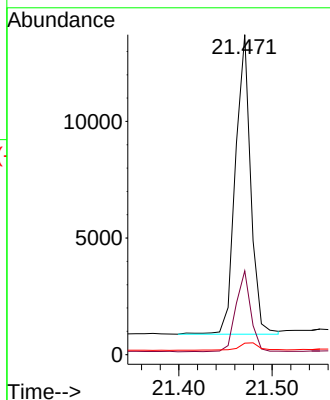
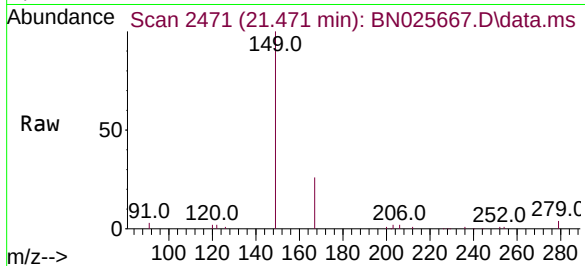




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.505 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025667.D
 Acq: 28 May 2023 05:32

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20230522

Tgt Ion:149 Resp: 14603
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.4 30.6
 279 3.5 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.057 min Scan# 3139
 Delta R.T. -0.012 min
 Lab File: BN025667.D
 Acq: 28 May 2023 05:32

Tgt Ion:264 Resp: 11067
 Ion Ratio Lower Upper
 264 100
 260 26.4 22.3 33.5
 265 59.6 54.3 81.5

